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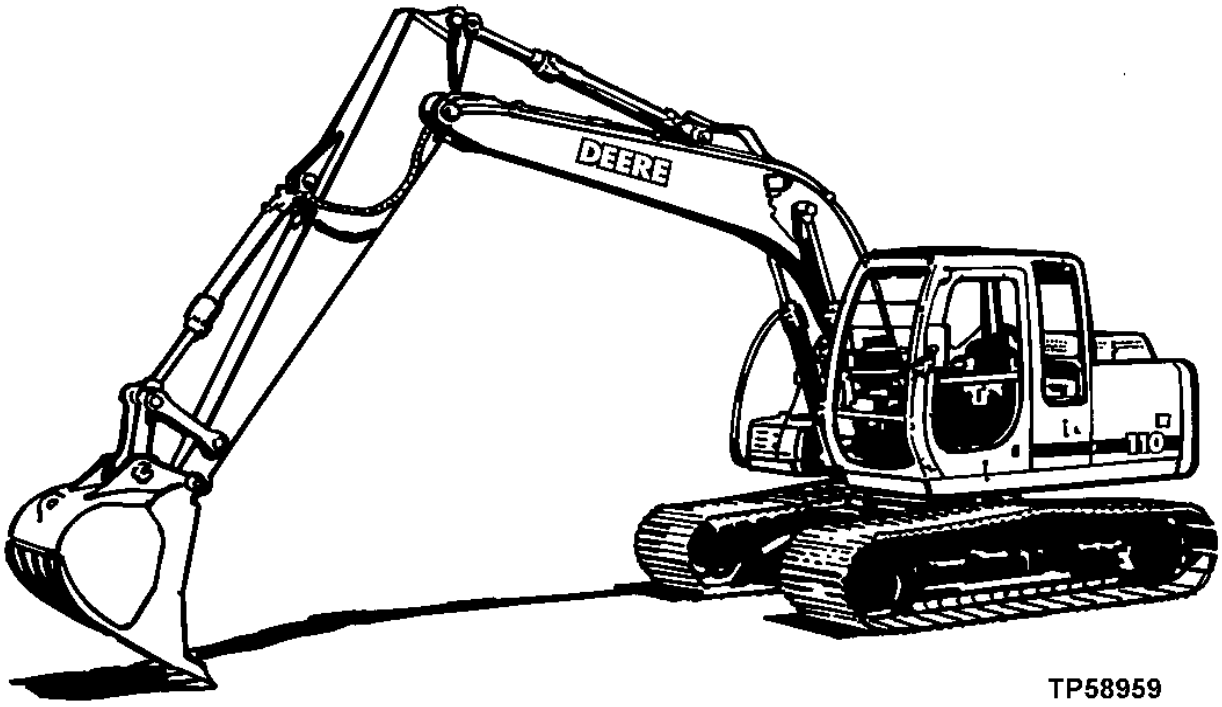
INTRODUCTION AND CUSTOMER INFORMATION

TP58959 -UN-26JAN98

RUTHZIL TRATOR COMERCIAL DE PEÇAS LTDA 11 97083-6812 ROLANDO



LEFT HAND SIDE VIEW OF JOHN DEERE 110 EXCAVATOR
(MANUFACTURED 1998-2002)

TO THE CUSTOMER

THE PART NUMBERS IN THIS PARTS CATALOG WERE CORRECT AT THE TIME YOUR CATALOG WAS PUBLISHED. IT IS OUR POLICY TO CONSTANTLY IMPROVE OUR MACHINES AND, THEREFORE, PART NUMBERS MAY CHANGE. WHEN ORDERING PARTS, VERIFY PART NUMBERS THROUGH YOUR DEALER'S

(SPECIFICATIONS AND DESIGN SUBJECT TO CHANGE WITHOUT NOTICE.)

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SERIAL NUMBER LOCATIONS

EACH 110 EXCAVATOR HAS FOUR SERIAL NUMBER PLATES:

A PRODUCT IDENTIFICATION NUMBER PLATE, AN ENGINE SERIAL NUMBER PLATE, A HYDRAULIC PUMP SERIAL NUMBER PLATE AND A SWING MOTOR SERIAL NUMBER PLATE.

THE PRODUCT IDENTIFICATION PLATE IS LOCATED ON THE FORWARD RIGHT-HAND SIDE OF THE CAB.

THE ENGINE SERIAL NUMBER PLATE IS LOCATED ON THE RIGHT SIDE OF THE CYLINDER BLOCK NEAR THE FUEL PUMP AND THE ENGINE OIL FILTER.

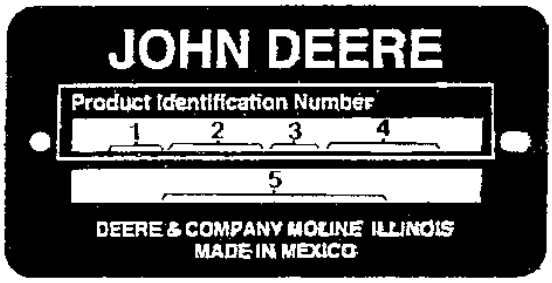
THE HYDRAULIC PUMP SERIAL NUMBER PLATE IS LOCATED NEAR THE FRONT OF THE HYDRAULIC PUMP.

THE SWING MOTOR SERIAL NUMBER PLATE IS LOCATED ON THE TOP OF THE SWING MOTOR.

IF PRODUCT IDENTIFICATION NUMBERS OR SERIAL NUMBERS ARE REQUIRED FOR WARRANTY CLAIMS OR CORRESPONDENCE PERTAINING TO THIS PRODUCT. IT IS EXTREMELY IMPORTANT THAT ALL CHARACTERS BE FURNISHED. THIS POINT CANNOT BE OVEREMPHASIZED.

PRODUCT IDENTIFICATION NUMBER

TP48883 -UN-15MAR96



TP48883

1. DESIGNATES EXCAVATOR MANUFACTURER	PO - INDUSTRIAS JOHN DEERE, S.A. DE C.V.
2. DESIGNATES EXCAVATOR MODEL	110
3. DESIGNATES EXCAVATOR CONFIGURATION	X
4. DESIGNATES EXCAVATOR SERIAL NUMBER	000000
5. DESIGNATES UNIT TYPE	EXCAVATOR

ENGINE SERIAL NUMBER

T137422 -UN-16JAN01

T137422

1. DESIGNATES ENGINE MANUFACTURER — T-JOHN DEERE DUBUQUE WORKS; P-TORREON
2. DESIGNATES NUMBER OF CYLINDERS AND LITERS — 4045 (4.5 LITER)
3. DESIGNATES FUEL TYPE OR SPECIAL CONDITION — TT TURBOCHARGED DIESEL ENGINE
4. DESIGNATES ENGINE SERIAL NUMBER — 123456
5. DESIGNATES THE ENGINE APPLICATION AND FACTORY USER. — T04045TT054 (S# 704562-803026) DBQ ENGINE; ^PE4045TP052(S# 026650-) TORREON ENGINE

CENTRAL FABRICATORS PARTS

CERTAIN SERVICE PARTS LISTED IN THIS CATALOG INDICATE THAT THEY BE ORDERED DIRECTLY FROM CENTRAL FABRICATORS BY DEALER. THE CENTRAL FABRICATORS ADDRESS IS: 351 ALDERSON STREET, P.O. BOX 376, SCHOFIELD, WI 54476-0376. TELEPHONE 1-800-782-5454 OR 1-715-359-4455. FAX: 1-715-359-9537.

SERIAL NUMBER LISTING INFORMATION

SERIAL NUMBER INFORMATION IS LISTED TO SHOW ON WHICH MACHINES EACH PART CAN BE USED; FOR EXAMPLE:

- THE PART CAN BE USED ON ALL MACHINES.

000000- THE PART CAN BE USED ON ALL MACHINES BEGINNING WITH THE SERIAL NUMBER LISTED.

-000000 THE PART CAN BE USED ON ALL MACHINES UP TO AND INCLUDING THE SERIAL NUMBER LISTED.

000000-000000 THE PART CAN BE USED ON ALL MACHINES BETWEEN AND INCLUDING THE SERIAL NUMBERS LISTED.

WHEN XXXXXX'S ARE LISTED IN PLACE OF A SERIAL NUMBER, A SERIAL NUMBER CHANGE WAS MADE BUT THE EXACT SERIAL NUMBER WAS NOT AVAILABLE WHEN THE CATALOG WAS PRODUCED.

DIRECTION ARROW

ARROWS ARE USED WITH ILLUSTRATIONS TO INDICATE THE FRONT OF THE UNIT. "RIGHT-HAND" AND "LEFT-HAND" SIDES ARE DETERMINED BY FACING IN THE DIRECTION OF MACHINE FORWARD TRAVEL.

BOX-ENCLOSED ILLUSTRATIONS

A KEY NUMBER, SHOWN IN THE PARTS LIST, IS ASSIGNED TO A BOX ENCLOSING ALL PARTS SOLD AS A SERVICE ASSEMBLY.

COMPLETE GOODS LISTINGS

COMPLETE GOODS ARE LISTED IN BOLD FACE TYPE. ORDER SEPARATELY. DO NOT INCLUDE ON REPLACEMENT PARTS ORDER.

SI UNITS OF MEASURE

METRIC DIMENSIONS ARE GIVEN, WHERE APPLICABLE, THROUGHOUT THIS PARTS CATALOG.

CHANGE INDICATOR LINE

CHANGES AFFECTING THE ORDERING OF PARTS ARE IDENTIFIED BY VERTICAL LINES MARKED IN THE LEFT-HAND MARGIN OF REVISED PARTS LISTING IMAGES. A LINE IS ALSO AT THE LEFT-HAND EDGE OF THE SAME PART NUMBER IN THE NUMERICAL INDEX TO SHOW THE LOCATION OF REVISED INFORMATION.

ALPHABETICAL INDEX

GRID		PAGE
	A	
1G7	ACCESS COVER, INJECTION PUMP GEAR PE4045TP052(ESN.026650-900932)	0402A - 2
1D12	ACCESS COVER, INJECTION PUMP GEAR T04045TT054 (ESN. 704562-803026)	0402 - 2
1I14	ACCESSORY DRIVE PULLEY PE4045TP052(ESN.026650-)	0429A - 8
1F20	ACCESSORY DRIVE PULLEY T04045TT054 (ESN. 704562-803026)	0429 - 8
1G22	ADAPTER, COOLANT LINES PE4045TP052 (ESN. 026650-)	0407A - 4
1I14	ADAPTER, CRANKSHAFT PULLEY PE4045TP052(ESN.026650-)	0429A - 8
1F20	ADAPTER, CRANKSHAFT PULLEY T04045TT054 (ESN. 704562-803026)	0429 - 8
1F3	ADAPTER, ENGINE OIL COOLER T04045TT054 (ESN. 704562-803026)	0419 - 2
1H24	ADAPTER,ENGINE OIL COOLER PE4045TP052(ESN.026650-)	0419A - 2
1E1	ADAPTER,ENGINE OIL FILTER OIL TUBE TO4045TT054(ESN.704562-803026)	0407 - 3
1B13	ADJUSTER (SERIAL NO. 020175-)	0130 - 12
1B9	ADJUSTER (S.N. -020007)	0130 - 8
1B11	ADJUSTER (S.N. 020008-020174)	0130 - 10
2E21	ADJUSTER, SEAT HEIGHT	1821 - 2
2E23	ADJUSTER, SEAT SLIDER	1821 - 4
1I7	ADJUSTING STRAP, ALTERNATOR PE4045TP052(ESN.026650-)	0423A - 2
1F13	ADJUSTING STRAP, ALTERNATOR T04045TT054 (ESN. 704562-803026)	0423 - 2
2F14	AIR CIRCULATING FAN	1830 - 12
1J15	AIR CLEANER	0520 - 2
1J17	AIR CLEANER PIPING	0520 - 4
1J17	AIR CLEANER SUPPORT	0520 - 4
2F10	AIR CONDITIONER DUCT	1830 - 8
2F12	AIR CONDITIONER DUCT	1830 - 10
2F17	AIR CONDITIONING COMPRESSOR BELT	1832 - 2
2F17	AIR CONDITIONING UNIT	1832 - 2
2C3	AIR CONDITIONING UNIT WIRING HARNESS	1674 - 24
2F19	AIR CONDITIONING UNIT, TRIM AND HOSES	1832 - 4
2F8	AIR DUCT	1830 - 6
2F19	AIR DUCT, AIR CONDITIONING UNIT	1832 - 4
2F15	AIR DUCT, HEATER	1830 - 14
2B8	AIR FILTER RESTRICTION INDICATOR LIGHT	1674 - 4
2F17	AIR FILTER, AIR CONDITIONING UNIT	1832 - 2
1H12	AIR INTAKE SYSTEM PE4045TP052 (ESN. 026650-)	0414A - 1
1E16	AIR INTAKE SYSTEM, T04045TT054 (SEN. 704562-803026)	0414 - 1
1J15	AIR RESTRICTION INDICATOR	0520 - 2
2B24	ALARM, PROPEL	1674 - 20
2B24	ALARM, TRAVEL	1674 - 20
2B4	ALTERNATOR	1672 - 2
1I7	ALTERNATOR ADJUSTING STRAP PE4045TP052(ESN.026650-)	0423A - 2
1F13	ALTERNATOR ADJUSTING STRAP T04045TT054 (ESN. 704562-803026)	0423 - 2
2B4	ALTERNATOR FAN	1672 - 2
2B4	ALTERNATOR FAN PULLEY	1672 - 2
2B8	ALTERNATOR LIGHT	1674 - 4
1I7	ALTERNATOR MOUNTING BRACKETS PE4045TP052(ESN.026650-)	0423A - 2
1F13	ALTERNATOR MOUNTING BRACKETS T04045TT054 (ESN. 704562-803026)	0423 - 2
2B4	ALTERNATOR VOLTAGE REGULATOR	1672 - 2
2D8	ANTENNA, RADIO	1810 - 6
3D1	ARM ASSEMBLY, LONG, WITH BUCKET CYLINDER HOSES AND LINKAGE	3340 - 4
3C23	ARM ASSEMBLY, STANDARD	3340 - 2
3C23	ARM ASSEMBLY, STANDARD, WITH BUCKET CYLINDER HOSES AND LINKAGE	3340 - 2
3G17	ARM CYLINDER COMPONENTS	3360 - 92
3F1	ARM IN PRESSURESWITCH	3360 - 46
2H2	ARM, CAB SIDE MIRROR	2002 - 2
3G23	ARM, LONG, LUBRICATE PIPING	3360 - 100
3D1	ARM, LONG, 2.81M	3340 - 4
3C23	ARM, STANDARD, 2.26M	3340 - 2
2D8	ARM, WINDSHIELD WIPER	1810 - 6
2E21	ARMREST	1821 - 2
1G12	ARMS, ROCKER PE4045TP052(ESN.026650-)	0402A - 5
1D17	ARMS, ROCKER T04045TT054(ESN.704562-803026)	0402 - 5
2E1	ASHTRAY	1810 - 24
2B6	ATTACHMENT MODE KIT	1674 - 2
2B8	AUTO IDLE INDICATOR	1674 - 4
1I11	AUXILIARY CRANKSHAFT DRIVE PULLEY PE4045TP052(ESN.026650-)	0429A - 4
1F17	AUXILIARY CRANKSHAFT DRIVE PULLEY T04045TT054 (ESN. 704562-803026)	0429 - 4
3H9	AUXILIARY ELECTRIC FOOT SWITCH	3360 - 108
3H11	AUXILIARY ELECTRIC FOOT SWITCH	3360 - 109A
3H1	AUXILIARY ELECTRIC HAND CONTROLLER	3360 - 102
3H3	AUXILIARY ELECTRIC HAND CONTROLLER	3360 - 103A
3C17	AUXILIARY FOOT CONTROL	3315 - 20
3C19	AUXILIARY FOOT PEDAL CONTROL	3315 - 21A
3C17	AUXILIARY FOOT VALVE TO CONTROL VALVE HOSE	3315 - 20
3C21	AUXILIARY FOOT VALVE TO CONTROL VALVE HOSE	3315 - 22
3H21	AUXILIARY HYDRAULIC PLUMBING	3360 - 118
1B7	AXLE, FRONT IDLER	0130 - 6
	B	
1H13	BALANCER SHAFT, ENGINE PE4045TP052(ESN.026650-)	0415A - 2
1E17	BALANCER SHAFT, ENGINE T04045TT054 (ESN. 704562-803026)	0415 - 2
3J11	BARREL, BLADE CYLINDER (LEFT)(REPLACEMENT CYLINDER)	3401 - 27C
3J7	BARREL, BLADE CYLINDER (LEFT)(SERIAL NUMBER -020107)	3401 - 26
3J9	BARREL, BLADE CYLINDER (LEFT)(SERIAL NUMBER 020108-)	3401 - 27A
3J5	BARREL, BLADE CYLINDER (RIGHT)(REPLACEMENT CYLINDER)	3401 - 25C
3J1	BARREL, BLADE CYLINDER (RIGHT)(SERIAL NUMBER -020107)	3401 - 24
3J3	BARREL, BLADE CYLINDER (RIGHT)(SERIAL NUMBER 020108-)	3401 - 25A
2D20	BARS, WINDOW	1810 - 18
2B16	BATTERY	1674 - 12
2B16	BATTERY CABLES	1674 - 12
2B16	BATTERY COVER	1674 - 12
2B16	BATTERY RELAY	1674 - 12
2B16	BATTERY WIRE HARNESS	1674 - 12
1G6	BEARINGS, MAIN PE4045TP052 (ESN. 026650-)	0401A - 1

ALPHABETICAL INDEX - CONTINUED

GRID		PAGE
1D11	BEARINGS, MAIN T04045TT054(ESN.704562-803026)	0401 - 1
1G14	BEARINGS,C0NNECTING ROD PE4045TP052 (ESN. 026650-)	0403A - 2
1D19	BEARINGS,C0NNECTING ROD T04045TT054(ESN.704562-803026)	0403 - 2
1I9	BELT IDLER TENSIONER, FAN PE4045TP052(ESN.026650-)	0429A - 2
1F15	BELT IDLER TENSIONER, FAN T04045TT054 (ESN. 704562-803026)	0429 - 2
2F17	BELT, AIR CONDITIONING COMPRESSOR	1832 - 2
2F1	BELT, SEAT	1821 - 6
2F3	BELT, SEAT, RETRACTABLE (76MM (3") WIDE	1821 - 8
1I12	BELTS, FAN PE4045TP052(ESN.026650-)	0429A - 6
1F18	BELTS, FAN, T04045TT054 (ESN. 704562-803026)	0429 - 6
3I10	BLADE	3401 - 8
3I20	BLADE CONTROL	3401 - 18
3J19	BLADE CONTROL LEVER, RIGHT CONSOLE	3415 - 2
3J13	BLADE CONTROL VALVE	3401 - 28
3I8	BLADE CONTROL VALVE MAIN PIPINGS	3401 - 6
3I10	BLADE CUTTING EDGE	3401 - 8
3I18	BLADE CYLINDER	3401 - 16
3J11	BLADE CYLINDER BARREL (LEFT)(REPLACEMENT CYLINDER)	3401 - 27C
3J7	BLADE CYLINDER BARREL (LEFT)(SERIAL NUMBER -020107)	3401 - 26
3J9	BLADE CYLINDER BARREL (LEFT)(SERIAL NUMBER 020108-)	3401 - 27A
3J5	BLADE CYLINDER BARREL (RIGHT)(REPLACEMENT CYLINDER)	3401 - 25C
3J1	BLADE CYLINDER BARREL (RIGHT)(SERIAL NUMBER -020107)	3401 - 24
3J3	BLADE CYLINDER BARREL (RIGHT)(SERIAL NUMBER 020108-)	3401 - 25A
3J11	BLADE CYLINDER COMPONENTS (LEFT)(REPLACEMENT CYLINDER)	3401 - 27C
3J7	BLADE CYLINDER COMPONENTS (LEFT)(SERIAL NUMBER -020107)	3401 - 26
3J9	BLADE CYLINDER COMPONENTS (LEFT)(SERIAL NUMBER 020108-)	3401 - 27A
3J5	BLADE CYLINDER COMPONENTS (RIGHT)(REPLACEMENT CYLINDER)	3401 - 25C
3J1	BLADE CYLINDER COMPONENTS (RIGHT)(SERIAL NUMBER -020107)	3401 - 24
3J3	BLADE CYLINDER COMPONENTS (RIGHT)(SERIAL NUMBER 020108-)	3401 - 25A
3J11	BLADE CYLINDER OIL LINE (LEFT)(REPLACEMENT CYLINDER)	3401 - 27C
3J7	BLADE CYLINDER OIL LINE (LEFT)(SERIAL NUMBER -020107)	3401 - 26
3J9	BLADE CYLINDER OIL LINE (LEFT)(SERIAL NUMBER 020108-)	3401 - 27A
3J5	BLADE CYLINDER OIL LINE (RIGHT)(REPLACEMENT CYLINDER)	3401 - 25C
3J1	BLADE CYLINDER OIL LINE (RIGHT)(SERIAL NUMBER -020107)	3401 - 24
3J3	BLADE CYLINDER OIL LINE (RIGHT)(SERIAL NUMBER 020108-)	3401 - 25A
3J11	BLADE CYLINDER ROD (LEFT)(REPLACEMENT CYLINDER)	3401 - 27C
3J7	BLADE CYLINDER ROD (LEFT)(SERIAL NUMBER -020107)	3401 - 26
3J9	BLADE CYLINDER ROD (LEFT)(SERIAL NUMBER 020108-)	3401 - 27A
3J5	BLADE CYLINDER ROD (RIGHT)(REPLACEMENT CYLINDER)	3401 - 25C
3J1	BLADE CYLINDER ROD (RIGHT)(SERIAL NUMBER -020107)	3401 - 24
3J3	BLADE CYLINDER ROD (RIGHT)(SERIAL NUMBER 020108-)	3401 - 25A
3J11	BLADE CYLINDER SEAL KIT (LEFT)(REPLACEMENT CYLINDER)	3401 - 27C
3J7	BLADE CYLINDER SEAL KIT (LEFT)(SERIAL NUMBER -020107)	3401 - 26
3J9	BLADE CYLINDER SEAL KIT (LEFT)(SERIAL NUMBER 020108-)	3401 - 27A
3J5	BLADE CYLINDER SEAL KIT (RIGHT)(REPLACEMENT CYLINDER)	3401 - 25C
3J1	BLADE CYLINDER SEAL KIT (RIGHT)(SERIAL NUMBER -020107)	3401 - 24
3J3	BLADE CYLINDER SEAL KIT (RIGHT)(SERIAL NUMBER 020108-)	3401 - 25A
2H14	BLADE MAIN HYDRAULIC PUMP	2160 - 8
3I12	BLADE PILOT PIPINGS	3401 - 10
3I14	BLADE PILOT PIPINGS	3401 - 12
3I16	BLADE PILOT PIPINGS	3401 - 14
3J15	BLADE PILOT VALVE	3401 - 30
3I18	BLADE PIPINGS	3401 - 16
3I22	BLADE PIPINGS	3401 - 20
3I24	BLADE PIPINGS (RIGHT CONSOLE)	3401 - 22
3I6	BLADE PIPINGS, CENTER JOINT	3401 - 4
3I4	BLADE PIPINGS, RETURN	3401 - 2
2H22	BLADE REGULATOR COMPONENTS	2160 - 16
3J17	BLADE SHUTTLE VALVE	3401 - 32
3I10	BLADE TO FRAME PINS AND BUSHINGS	3401 - 8
2F14	BLADE, AIR CIRCULATING FAN	1830 - 12
2F14	BLADE, DEFROSTER FAN	1830 - 12
1I25	BLADE, FAN	0510 - 1
2D8	BLADE, WINDSHIELD WIPER	1810 - 6
1G16	BLOCK, CYLINDER PE4045TP052 (ESN. 026650-)	0404A - 2
1D21	BLOCK, CYLINDER T04045TT054 (ESN. 704562-803026)	0404 - 2
2F21	BLOWER ASSEMBLY, AIR CONDITIONING UNIT	1832 - 6
2F21	BLOWER MOTOR, AIR CONDITIONING UNIT	1832 - 6
2F21	BLOWER WHEEL, AIR CONDITIONING UNIT	1832 - 6
2F14	BLOWER, AIR CIRCULATING FAN	1830 - 12
2F14	BLOWER, DEFROSTER FAN	1830 - 12
3D3	BOOM	3344 - 2
3D19	BOOM BOTTOM PIPINGS	3360 - 16
3D11	BOOM CYLINDER PIPINGS TO CONTROL VALVE	3360 - 8
3G15	BOOM CYLINDER, LEFT, COMPONENTS	3360 - 88
3G13	BOOM CYLINDER, RIGHT, COMPONENTS	3360 - 84
2B18	BOOM LIGHT	1674 - 14
3G21	BOOM LUBRICATE PIPING	3360 - 98
3D13	BOOM PIPINGS TO CONTROL VALVE	3360 - 10
3H13	BOOM PIPINGS, LOAD LOWERING VALVE	3360 - 110
3H15	BOOM PIPINGS, LOAD LOWERING VALVE	3360 - 112
3H17	BOOM PIPINGS, LOAD LOWERING VALVE	3360 - 114
3F1	BOOM UP PRESSURE SWITCH	3360 - 46
3B23	BOOT, CONTROL LEVER	3315 - 2
2G18	BOTTOM COVERS	1910 - 18
1J19	BRACE, MUFFLER	0530 - 2
1J3	BRACE, RADIATOR	0510 - 4
1D7	BRACKET, ENGINE (S.N. -020009)	0400 - 2
1D9	BRACKET, ENGINE (S.N. 020010-)	0400 - 4
1K1	BRACKET, FUEL FILTER WATER SEPARATOR	0560 - 6
1J19	BRACKET, MUFFLER	0530 - 2
1J3	BRACKET, RADIATOR	0510 - 4
1I9	BRACKET, TENSIONER, FAN PE4045TP052(ESN.026650-)	0429A - 2

ALPHABETICAL INDEX - CONTINUED

GRID		PAGE
1F15	BRACKET, TENSIONER, FAN T04045TT054 (ESN. 704562-803026)	0429 - 2
1I7	BRACKETS, ALTERNATOR MOUNTING PE4045TP052(ESN.026650-)	0423A - 2
1F13	BRACKETS, ALTERNATOR MOUNTING T04045TT054 (ESN. 704562-803026)	0423 - 2
1C8	BRAKE VALVE COMPONENTS	0260 - 8
1C6	BRAKE VALVE, PROPEL MOTOR	0260 - 6
3G19	BUCKET CYLINDER COMPONENTS	3360 - 96
3C23	BUCKET CYLINDER HOSES AND LINKAGE, STANDARD ARM	3340 - 2
3D1	BUCKET CYLINDER HOSES AND LINKAGE, LONG ARM	3340 - 4
3B22	BUCKET PIN-UP DATA	3302 - 14
3B16	BUCKET, DITCH CLEANING	3302 - 8
3B10	BUCKET, GENERAL PURPOSE	3302 - 2
3B12	BUCKET, GENERAL PURPOSE	3302 - 4
3B14	BUCKET, HEAVY DUTY	3302 - 6
3B20	BUCKET, TOOTH ASSEMBLY	3302 - 12
3B23	BUTTON, HORN	3315 - 2
2B8	BUZZER	1674 - 4

C

2D6	CAB	1810 - 4
2D24	CAB COMPONENTS (DOOR CATCH)	1810 - 22
2D12	CAB COMPONENTS (DOOR)	1810 - 10
2D14	CAB COMPONENTS (DOOR)	1810 - 12
2D16	CAB COMPONENTS (FRONT)	1810 - 14
2D18	CAB COMPONENTS (FRONT)	1810 - 16
2D20	CAB COMPONENTS (RIGHT SIDE)	1810 - 18
2D22	CAB COMPONENTS (TOP HATCH)	1810 - 20
2D10	CAB COMPONENTS (TOP, LEFT SIDE, REAR)	1810 - 8
2D8	CAB COMPONENTS (WINDSHIELD WIPER, DOME LIGHT, RADIO ANTENNA, RADIO SPEAKER)	1810 - 6
2B12	CAB EXTENSION WIRE HARNESS	1674 - 8
2E7	CAB FLOOR PARTS	1810 - 30
2F15	CAB HEATER	1830 - 14
2E1	CAB INSIDE RIGHT COVER	1810 - 24
2D4	CAB MOUNTING	1810 - 2
2H2	CAB SIDE MIRROR	2002 - 2
2H2	CAB SIDE MIRROR, ARM	2002 - 2
2D10	CAB TOP, HEADLINER	1810 - 8
2B12	CAB WIRE HARNESS	1674 - 8
2B16	CABLE, BATTERY	1674 - 12
3J19	CABLE, CONTROL, RIGHT CONSOLE BLADE CONTROL	3415 - 2
1J7	CABLE, ENGINE CONTROL	0515 - 2
1G13	CAMSHAFT PE4045TP052 (ESN. 026650-)	0402A - 6
1D18	CAMSHAFT T04045TT054 (ESN. 704562-803026)	0402 - 6
1G13	CAMSHAFT GEAR PE4045TP052 (ESN. 026650-)	0402A - 6
1D18	CAMSHAFT GEAR T04045TT054 (ESN. 704562-803026)	0402 - 6
1G16	CAP, MAIN BEARING PE4045TP052 (ESN. 026650-)	0404A - 2
1D21	CAP, MAIN BEARING T04045TT054 (ESN. 704562-803026)	0404 - 2
2B4	CAPACITOR, ALTERNATOR	1672 - 2
2D24	CATCH, CAB DOOR	1810 - 22
1H16	CENTER HOUSING,TURBOCHARGER	0416A - 2
1E20	CENTER HOUSING,TURBOCHARGER T04045TT054 (ESN. 704562-803026)	0416 - 2
1C14	CENTER JOINT	0260 - 14
1C2	CENTER JOINT ATTACHMENTS	0260 - 2
3I6	CENTER JOINT BLADE PIPINGS	3401 - 4
1C16	CENTER JOINT FOR USE WITH BLADE	0260 - 16
3F15	CENTER JOINT PIPING TO SOLENOID VALVE	3360 - 60
3D17	CENTER JOINT PIPINGS TO CONTROL VALVE	3360 - 14
3D9	CENTER JOINT PIPINGS TO RETURN PIPINGS	3360 - 6
1C20	CENTER JOINT PIPINGS TO TRAVEL DEVICE	0260 - 20
1C18	CENTER JOINT SUPPORT	0260 - 18
2C5	CHASSIS WIRING HARNESS, AIR CONDITIONING UNIT	1674 - 26
2E1	CIGAR LIGHTER	1810 - 24
1J15	CLEANER, AIR	0520 - 2
1J17	CLEANER, AIR, SUPPORT	0520 - 4
1I23	COLD WEATHER STARTING AID	0505 - 4
2F17	COMPRESSOR BELT, AIR CONDITIONING	1832 - 2
2F17	COMPRESSOR, AIR CONDITIONING UNIT	1832 - 2
2F17	CONDENSOR, AIR CONDITIONING UNIT	1832 - 2
1G14	CONNECTING ROD PE4045TP052 (ESN. 026650-)	0403A - 2
1D19	CONNECTING ROD T04045TT054(ESN.704562-803026)	0403 - 2
1G14	CONNECTING ROD BEARINGS PE4045TP052 (ESN. 026650-)	0403A - 2
1D19	CONNECTING ROD BEARINGS T04045TT054(ESN.704562-803026)	0403 - 2
2C9	CONNECTORS, WEATHERPACK	1674 - 30
2E13	CONSOLE	1810 - 36
2E15	CONSOLE COVER	1810 - 38
2E17	CONSOLE COVER, PANEL	1810 - 40
2E17	CONSOLE COVER, TRAY	1810 - 40
3J19	CONTROL CABLE, RIGHT CONSOLE BLADE CONTROL	3415 - 2
3B23	CONTROL LEVER	3315 - 2
3C5	CONTROL LEVER, PROPEL	3315 - 8
3H23	CONTROL PATTERN SELECTOR KIT	3360 - 120
2C13	CONTROL PATTERN, WIRING HARNESS	1674 - 34
2C13	CONTROL PATTERN, WIRING HARNESS DECAL	1674 - 34
3D21	CONTROL VALVE	3360 - 18
3D23	CONTROL VALVE	3360 - 20
3E1	CONTROL VALVE	3360 - 22
3E3	CONTROL VALVE	3360 - 24
3E5	CONTROL VALVE	3360 - 26
3E7	CONTROL VALVE	3360 - 28
3E9	CONTROL VALVE	3360 - 30
3E11	CONTROL VALVE	3360 - 32
3E13	CONTROL VALVE	3360 - 34
3E15	CONTROL VALVE	3360 - 36
3E17	CONTROL VALVE	3360 - 38
3C19	CONTROL VALVE FITTINGS TO PILOT SIGNAL MANIFOLD (FOOT CONTROL, PILOT SYSTEM)	3315 - 21A
3C19	CONTROL VALVE HOSE TO PILOT SIGNAL MANIFOLD (FOOT CONTROL,PILOT SYSTEM)	3315 - 21A
3D13	CONTROL VALVE PIPINGS TO BOOM	3360 - 10
3D19	CONTROL VALVE PIPINGS TO BOOM BOTTOM	3360 - 16
3D11	CONTROL VALVE PIPINGS TO BOOM CYLINDER	3360 - 8
3D17	CONTROL VALVE PIPINGS TO CENTER JOINT	3360 - 14
3D5	CONTROL VALVE PIPINGS TO LOWER OIL TANK	3360 - 2
3D7	CONTROL VALVE PIPINGS TO OIL COOLER	3360 - 4
3G7	CONTROL VALVE PIPINGS TO OIL TANK	3360 - 76
3F13	CONTROL VALVE PIPINGS TO PUMP	3360 - 58
2I7	CONTROL VALVE PIPINGS TO REAR OF HYDRAULIC PUMP	2160 - 26
3F17	CONTROL VALVE PIPINGS TO SHOCKLESS VALVE	3360 - 62
3F19	CONTROL VALVE PIPINGS TO SHOCKLESS VALVE	3360 - 64
3F11	CONTROL VALVE PIPINGS TO SOLENOID VALVE	3360 - 56
3F15	CONTROL VALVE PIPINGS TO SOLENOID VALVE	3360 - 60
3F15	CONTROL VALVE PIPINGS TO SWING DEVICE	3360 - 60

ALPHABETICAL INDEX - CONTINUED

GRID		PAGE
3D15	CONTROL VALVE PIPINGS TO SWING MOTOR	3360 - 12
3D9	CONTROL VALVE PIPINGS TO TOP OF SWING DEVICE	3360 - 6
3F21	CONTROL VALVE PIPINGS TO TRAVEL PILOT VALVE	3360 - 66
3E19	CONTROL VALVE SUPPORT	3360 - 40
3C17	CONTROL VALVE TO AUXILIARY FOOT VALVE HOSE	3315 - 20
3C21	CONTROL VALVE TO AUXILIARY FOOT VALVE HOSE	3315 - 22
3C17	CONTROL, AUXILIARY FOOT	3315 - 20
3C21	CONTROL, AUXILIARY FOOT	3315 - 22
2F15	CONTROL, HEATER	1830 - 14
2B12	CONTROLLER COVER	1674 - 8
2B12	CONTROLLER LOCATION	1674 - 8
2C1	CONTROLLER, EPVC	1674 - 22
2B5	CONVERTER	1674 - 1
2B8	COOLANT LEVEL LIGHT	1674 - 4
1D7	COOLANT LEVEL SWITCH, ENGINE (S.N. -020009)	0400 - 2
1D9	COOLANT LEVEL SWITCH, ENGINE (S.N. 020010-)	0400 - 4
1G22	COOLANT LINES, ADAPTER PE4045TP052 (ESN. 026650-)	0407A - 4
2B8	COOLANT TEMPERATURE GAUGE	1674 - 4
1J1	COOLER, OIL	0510 - 2
1K12	COOLSCAN PLUS TEST KIT, FLUID ANALYSIS PRODUCTS	1369 - 6
2C18	COUNTERWEIGHT	1740 - 4
1I14	COUPLING, CRANKSHAFT PULLEY PE4045TP052(ESN.026650-)	0429A - 8
1F20	COUPLING, CRANKSHAFT PULLEY T04045TT054 (ESN. 704562-803026)	0429 - 8
2H12	COUPLING, PUMP	2160 - 6
2H14	COUPLING, PUMP (BLADE)	2160 - 8
2G8	COVER (CENTER)	1910 - 8
2G2	COVER (LEFT SIDE FRONT AND REAR)	1910 - 2
2G6	COVER (REAR LEFT SIDE)	1910 - 6
2G22	COVER ISOLATOR, ENGINE	1910 - 22
3K5	COVER PART	4360 - 10
1G7	COVER, ACCESS, INJECTION PUMP GEAR PE4045TP052(ESN.026650-900932)	0402A - 2
1D12	COVER, ACCESS, INJECTION PUMP GEAR T04045TT054 (ESN. 704562-803026)	0402 - 2
1J7	COVER, BETWEEN HYDRAULIC TANK AND PUMP	0515 - 2
1K1	COVER, BETWEEN WATER SEPARATOR AND ENGINE CONTROL MOTOR	0560 - 6
2G18	COVER, BOTTOM	1910 - 18
2E1	COVER, CAB INSIDE RIGHT	1810 - 24
2E15	COVER, CONSOLE	1810 - 38
2E17	COVER, CONSOLE, PANEL	1810 - 40
2E17	COVER, CONSOLE, TRAY	1810 - 40
2G10	COVER, ENGINE	1910 - 10
2C8	COVER, FUSE BOX	1674 - 29
2E3	COVER, LOWER MONITOR	1810 - 26
1H2	COVER, OIL FILLER OPENING PE4045TP052(ESN.026650-)	0407A - 9
1E6	COVER, OIL FILLER OPENING T04045TT054(ESN.704562-803026)	0407 - 7
1C22	COVER, PROPEL MOTOR	0260 - 22
1G11	COVER, ROCKER ARM PE4045TP052 (ESN. 026650-)	0402A - 4
1D16	COVER, ROCKER ARM T04045TT054 (ESN. 704562-803026)	0402 - 4
2G4	COVER, SIDE SHIELDS	1910 - 4
1H22	COVER, THERMOSTAT PE4045TP052(ESN.026650-)	0418A - 2
1F1	COVER, THERMOSTAT T04045TT054 (ESN. 704562-803026)	0418 - 2
1G7	COVER, TIMING GEAR PE4045TP052(ESN.026650-900932)	0402A - 2
1D12	COVER, TIMING GEAR T04045TT054 (ESN. 704562-803026)	0402 - 2
2G14	COVER, TOOL BOX	1910 - 14
2H4	COVER, TOOL BOX	2002 - 4
1C22	COVER, TRAVEL MOTOR	0260 - 22
2G18	COVER, UNDER	1910 - 18
2G20	COVER, WINDOW	1910 - 20
1D14	COVER,REPLACEMENT TIMING GEAR T04045TT054(ESN.704562-803026)	0402 - 3A
1G9	COVER,TIMING GEAR (ENG. SER. NO. 900933-)	0402A - 3A
1G6	CRANKSHAFT PE4045TP052 (ESN. 026650-)	0401A - 1
1D11	CRANKSHAFT T04045TT054(ESN.704562-803026)	0401 - 1
1I11	CRANKSHAFT AUXILIARY DRIVE PULLEY PE4045TP052(ESN.026650-)	0429A - 4
1F17	CRANKSHAFT AUXILIARY DRIVE PULLEY T04045TT054 (ESN. 704562-803026)	0429 - 4
1G6	CRANKSHAFT GEAR PE4045TP052 (ESN. 026650-)	0401A - 1
1D11	CRANKSHAFT GEAR T04045TT054(ESN.704562-803026)	0401 - 1
1I14	CRANKSHAFT PULLEY PE4045TP052(ESN.026650-)	0429A - 8
1F20	CRANKSHAFT PULLEY T04045TT054 (ESN. 704562-803026)	0429 - 8
3B16	CUTTING EDGE, DITCH CLEANING BUCKET	3302 - 8
3B10	CUTTING EDGE, GENERAL PURPOSE BUCKET	3302 - 2
3B12	CUTTING EDGE, GENERAL PURPOSE BUCKET	3302 - 4
3B14	CUTTING EDGE, HEAVY DUTY BUCKET	3302 - 6
3I10	CUTTING EDGE, PUSH BLADE	3401 - 8
3B18	CUTTING EDGES, ESCO	3302 - 10
1B13	CYLINDER ADJUSTER (SERIAL NO. 020175-)	0130 - 12
3J11	CYLINDER BARREL, BLADE (LEFT)(REPLACEMENT CYLINDER)	3401 - 27C
3J7	CYLINDER BARREL, BLADE (LEFT)(SERIAL NUMBER -020107)	3401 - 26
3J9	CYLINDER BARREL, BLADE (LEFT)(SERIAL NUMBER 020108-)	3401 - 27A
3J5	CYLINDER BARREL, BLADE (RIGHT)(REPLACEMENT CYLINDER)	3401 - 25C
3J1	CYLINDER BARREL, BLADE (RIGHT)(SERIAL NUMBER -020107)	3401 - 24
3J3	CYLINDER BARREL, BLADE (RIGHT)(SERIAL NUMBER 020108-)	3401 - 25A
1G16	CYLINDER BLOCK PE4045TP052 (ESN. 026650-)	0404A - 2
1D21	CYLINDER BLOCK T04045TT054 (ESN.704562-803026)	0404 - 2
3J11	CYLINDER COMPONENTS, BLADE (LEFT)(REPLACEMENT CYLINDER)	3401 - 27C
3J7	CYLINDER COMPONENTS, BLADE (LEFT)(SERIAL NUMBER -020107)	3401 - 26
3J9	CYLINDER COMPONENTS, BLADE (LEFT)(SERIAL NUMBER 020108-)	3401 - 27A
3J5	CYLINDER COMPONENTS, BLADE (RIGHT)(REPLACEMENT CYLINDER)	3401 - 25C
3J1	CYLINDER COMPONENTS, BLADE (RIGHT)(SERIAL NUMBER -020107)	3401 - 24
3J3	CYLINDER COMPONENTS, BLADE (RIGHT)(SERIAL NUMBER 020108-)	3401 - 25A

ALPHABETICAL INDEX - CONTINUED

GRID		PAGE
3I10	CYLINDER GAURDS, PUSH BLADE	3401 - 8
1H6	CYLINDER HEAD PE4045TP052 (ESN. 026650-)	0409A - 2
1E10	CYLINDER HEAD T04045TT054 (ESN. 704562-803026)	0409 - 2
1H6	CYLINDER HEAD GASKET PE4045TP052 (ESN. 026650-)	0409A - 2
1E10	CYLINDER HEAD GASKET T04045TT054 (ESN. 704562-803026)	0409 - 2
1I17	CYLINDER HEAD REMOVAL GASKET SET PE4045TP052(ESN.026650-)	0452A - 1
1F23	CYLINDER HEAD REMOVAL GASKET SET T04045TT054(ESN.704562-803026)	0452 - 1
1G14	CYLINDER LINER PE4045TP052 (ESN. 026650-)	0403A - 2
1D19	CYLINDER LINER T04045TT054(ESN.704562-803026)	0403 - 2
1G14	CYLINDER LINER O-RING KIT PE4045TP052 (ESN. 026650-)	0403A - 2
1D19	CYLINDER LINER O-RING KIT T04045TT054(ESN.704562-803026)	0403 - 2
3J11	CYLINDER ROD, BLADE (LEFT)(REPLACEMENT CYLINDER)	3401 - 27C
3J7	CYLINDER ROD, BLADE (LEFT)(SERIAL NUMBER -020107)	3401 - 26
3J9	CYLINDER ROD, BLADE (LEFT)(SERIAL NUMBER 020108-)	3401 - 27A
3J5	CYLINDER ROD, BLADE (RIGHT)(REPLACEMENT CYLINDER)	3401 - 25C
3J1	CYLINDER ROD, BLADE (RIGHT)(SERIAL NUMBER -020107)	3401 - 24
3J3	CYLINDER ROD, BLADE (RIGHT)(SERIAL NUMBER 020108-)	3401 - 25A
3G17	CYLINDER, ARM, COMPONENTS	3360 - 92
3I18	CYLINDER, BLADE	3401 - 16
3G19	CYLINDER, BUCKET, COMPONENTS	3360 - 96
1I23	CYLINDER, ETHER START FLUID	0505 - 4
3G15	CYLINDER, LEFT BOOM, COMPONENTS	3360 - 88
3G13	CYLINDER, RIGHT BOOM, COMPONENTS	3360 - 84

D

2H12	DAMPENER DRIVE, PUMP	2160 - 6
2H14	DAMPENER DRIVE, PUMP (BLADE)	2160 - 8
3C13	DAMPER, PROPEL LEVER	3315 - 16
3C13	DAMPER, TRAVEL LEVER	3315 - 16
3H9	DECAL, AUXILIARY CONTROL	3360 - 108
3H11	DECAL, AUXILIARY CONTROL	3360 - 109A
3H1	DECAL, AUXILIARY DUAL HAND CONTROL	3360 - 102
2C13	DECAL, CONTROL PATTERN, WIRING HARNESS	1674 - 34
2I9	DECAL, HYDRAULIC FILTER RESTRICTION INDICATOR	2160 - 28
1K6	DECALS	1320 - 2
2F14	DEFROSTER FAN	1830 - 12
2I7	DELIVERY PIPINGS	2160 - 26
1K13	DIESELSCAN TEST KIT, FLUID ANALYSIS PRODUCTS	1369 - 7
3F17	DIG PRESSURE SWITCH	3360 - 62
2B20	DIODE	1674 - 16
1H3	DIPSTICK, ENGINE OIL PE4045TP052(ESN.026650-)	0407A - 10
1E7	DIPSTICK, ENGINE OIL T04045TT054 (ESN. 704562-803026)	0407 - 8
2H12	DIPSTICK, MAIN HYDRAULIC PUMP	2160 - 6
2H14	DIPSTICK, MAIN HYDRAULIC PUMP (BLADE)	2160 - 8
3B16	DITCH CLEANING BUCKET	3302 - 8
2D8	DOME LIGHT	1810 - 6
2D8	DOME LIGHT WIRE HARNESS	1810 - 6
2G16	DOOR LOCK, SERVICE	1910 - 16
2D12	DOOR, CAB	1810 - 10
2D14	DOOR, CAB	1810 - 12
2D24	DOOR, CATCH, CAB	1810 - 22
2F19	DRAIN HOSE, AIR CONDITIONING UNIT	1832 - 4
3D9	DRAIN PIPINGS	3360 - 6
1J1	DRAIN PLUG, RADIATOR	0510 - 2
1J21	DRAIN VALVE, FUEL TANK	0560 - 2
1F11	DRIVE, STARTER MOTOR CLUTCH T04045TT054 (ESN. 704562-803026)	0422 - 2
1I5	DRIVE,STARTER MOTOR CLUTCH PE4045TP052(ESN.026650-)	0422A - 2
3H1	DUAL CONTROL HANDLE WITH WIRING	3360 - 102
3H3	DUAL CONTROL HANDLE WITH WIRING	3360 - 103A
2F8	DUCT, AIR	1830 - 6
2F10	DUCT, AIR CONDITIONER	1830 - 8
2F12	DUCT, AIR CONDITIONER	1830 - 10
2F15	DUCT, HEATER	1830 - 14

E

2B8	E MODE INDICATOR	1674 - 4
3B16	EAR ASSEMBLY, DITCH CLEANING BUCKET	3302 - 8
3B10	EAR ASSEMBLY, GENERAL PURPOSE BUCKET	3302 - 2
3B12	EAR ASSEMBLY, GENERAL PURPOSE BUCKET	3302 - 4
3B14	EAR ASSEMBLY, HEAVY DUTY BUCKET	3302 - 6
3I10	EDGE, CUTTING, BLADE	3401 - 8
1H4	ELBOW, ENGINE VENTILATING PE4045TP052 (ESN. 026650-)	0408A - 2
1E8	ELBOW, ENGINE VENTILATING T04045TT054 (ESN. 704562-803026)	0408 - 2
2B16	ELECTRIC PARTS (BATTERIES)	1674 - 12
2B18	ELECTRIC PARTS (BOOM LIGHT)	1674 - 14
2B12	ELECTRIC PARTS (CAB WIRE HARNESS)	1674 - 8
2B20	ELECTRIC PARTS (MAIN WIRE HARNESS)	1674 - 16
2B14	ELECTRIC PARTS (RELAYS)	1674 - 10
2B10	ELECTRIC PARTS (START SWITCH)	1674 - 6
2C7	ELECTRICAL WIRING HARNESS KIT	1674 - 28
1J15	ELEMENT, AIR CLEANER	0520 - 2
1F7	ELEMENT, FUEL FILTER T04045TT052 (S.N. -804732)	0420 - 4
1I3	ELEMENT, FUEL FILTER T04045TT052 (S.N. -804732)	0420A - 4
1K3	ELEMENT, PRIMARY FUEL FILTER	0560 - 8
1G23	ELEMENT,ENGINE OIL FILTER PE4045TP052(ESN.026650-)	0407A - 5
1D25	ELEMENT,ENGINE OIL FILTER T04045TT054(ESN.704562-803026)	0407 - 2
1E2	ELEMENT,ENGINE OIL FILTER T04045TT054(ESN.704562-803026)	0407 - 3A
1I1	ELEMENT,FUEL FILTER PE4045TP052(ESN.026650-)	0420A - 2
1H13	ENGINE BALANCER SHAFT PE4045TP052(ESN.026650-)	0415A - 2
1E17	ENGINE BALANCER SHAFT T04045TT054 (ESN. 704562-803026)	0415 - 2
1J7	ENGINE CONTROL CABLE	0515 - 2
1J9	ENGINE CONTROL MOTOR	0515 - 4
1J11	ENGINE CONTROL UNIT ON CONSOLE	0515 - 6
1J11	ENGINE CONTROLLER ON CONSOLE	0515 - 6
1H6	ENGINE COOLANT TEMPERATURE SWITCH PE4045TP052(ESN.026650-)	0409A - 2
1E10	ENGINE COOLANT TEMPERATURE SWITCH T04045TT054 (ESN. 704562-803026)	0409 - 2

ALPHABETICAL INDEX - CONTINUED

GRID		PAGE
1I22	ENGINE COOLANT, HEATER	0505 - 2
2G10	ENGINE COVER	1910 - 10
2G22	ENGINE COVER ISOLATOR	1910 - 22
1I15	ENGINE FLYWHEEL PE4045TP052(ESN.026650-)	0433A - 1
1F21	ENGINE FLYWHEEL T04045TT054 (ESN. 704562-803026)	0433 - 1
1I16	ENGINE FLYWHEEL HOUSING PE4045TP052(ESN.026650-)	0433A - 2
1F22	ENGINE FLYWHEEL HOUSING T04045TT054 (ESN. 704562-803026)	0433 - 2
1G15	ENGINE FRONT PLATE PE4045TP052 (ESN. 026650-)	0404A - 1
1D20	ENGINE FRONT PLATE T04045TT054(ESN.704562-803026)	0404 - 1
1I18	ENGINE MAJOR OVERHAUL GASKET SET PE4045TP052(ESN.026650-)	0452A - 2
1F24	ENGINE MAJOR OVERHAUL GASKET SET T04045TT054 (ESN. 704562-803026)	0452 - 2
1D7	ENGINE MOUNTS (S.N. -020009)	0400 - 2
1D9	ENGINE MOUNTS (S.N. 020010-)	0400 - 4
1G16	ENGINE OIL BY-PASS VALVE PE4045TP052 (ESN. 026650-)	0404A - 2
1D21	ENGINE OIL BY-PASS VALVE T04045TT054 (ESN. 704562-803026)	0404 - 2
1H24	ENGINE OIL COOLER PE4045TP052(ESN.026650-)	0419A - 2
1F3	ENGINE OIL COOLER T04045TT054 (ESN. 704562-803026)	0419 - 2
1H24	ENGINE OIL COOLER ADAPTER PE4045TP052(ESN.026650-)	0419A - 2
1F3	ENGINE OIL COOLER ADAPTER T04045TT054 (ESN. 704562-803026)	0419 - 2
1H3	ENGINE OIL DIPSTICK PE4045TP052(ESN.026650-)	0407A - 10
1E7	ENGINE OIL DIPSTICK T04045TT054 (ESN. 704562-803026)	0407 - 8
1H3	ENGINE OIL DIPSTICK TUBE PE4045TP052(ESN.026650-)	0407A - 10
1E7	ENGINE OIL DIPSTICK TUBE T04045TT054 (ESN. 704562-803026)	0407 - 8
1G11	ENGINE OIL FILL PLUG PE4045TP052 (ESN. 026650-)	0402A - 4
1D16	ENGINE OIL FILL PLUG T04045TT054 (ESN. 704562-803026)	0402 - 4
1G23	ENGINE OIL FILTER ELEMENT PE4045TP052(ESN.026650-)	0407A - 5
1D25	ENGINE OIL FILTER ELEMENT T04045TT054(ESN.704562-803026)	0407 - 2
1E2	ENGINE OIL FILTER ELEMENT T04045TT054(ESN.704562-803026)	0407 - 3A
1D25	ENGINE OIL FILTER HEADER T04045TT054(ESN.704562-803026)	0407 - 2
1E1	ENGINE OIL FILTER HEADER OIL TUBES T04045TT054(ESN.704562-803026)	0407 - 3
1G20	ENGINE OIL FILTER HEADER PE4045TP052 (ENGINE SERIAL NO.XXXXXX-)	0407A - 2
1E1	ENGINE OIL FILTER OIL TUBE ADAPTER T04045TT054(ESN.704562-803026)	0407 - 3
1G20	ENGINE OIL FILTER, PE4045TP052 (ENGINE SERIAL NO.XXXXXX-)	0407A - 2
2B8	ENGINE OIL LEVEL LIGHT	1674 - 4
1G24	ENGINE OIL LEVEL SENSOR PE4045TP052 (ESN. 026650-)	0407A - 6
1E3	ENGINE OIL LEVEL SENSOR T04045TT054 (ESN. 704562-803026)	0407 - 4
1G24	ENGINE OIL PAN PE4045TP052 (ESN. 026650-)	0407A - 6
1E3	ENGINE OIL PAN T04045TT054 (ESN. 704562-803026)	0407 - 4
1G24	ENGINE OIL PAN GASKET PE4045TP052 (ESN. 026650-)	0407A - 6
1E3	ENGINE OIL PAN GASKET T04045TT054 (ESN. 704562-803026)	0407 - 4
2B8	ENGINE OIL PRESSURE LIGHT	1674 - 4
1G16	ENGINE OIL PRESSURE REGULATING VALVE (ENG. SER. NO. 889025-)	0404A - 2
1D12	ENGINE OIL PRESSURE REGULATING VALVE T04045TT054 (ESN. 704562-803026)	0402 - 2
1G7	ENGINE OIL PRESSURE RELIEF VALVE PE4045TP052(ESN.026650-889024)	0402A - 2
1G16	ENGINE OIL PRESSURE SWITCH PE4045TP052 (ESN. 026650-)	0404A - 2
1D21	ENGINE OIL PRESSURE SWITCH T04045TT054 (ESN. 704562-803026)	0404 - 2
1H1	ENGINE OIL PUMP PE4045TP052 (ESN. 026650-)	0407A - 8
1E5	ENGINE OIL PUMP T04045TT054(ESN.704562-803026)	0407 - 6
1H1	ENGINE OIL PUMP GEAR PE4045TP052 (ESN. 026650-)	0407A - 8
1E5	ENGINE OIL PUMP GEAR T04045TT054(ESN.704562-803026)	0407 - 6
1H1	ENGINE OIL PUMP INTAKE PE4045TP052 (ESN. 026650-)	0407A - 8
1E5	ENGINE OIL PUMP INTAKE T04045TT054(ESN.704562-803026)	0407 - 6
2F6	ENGINE PIPINGS TO HEATER	1830 - 4
1G14	ENGINE PISTON PE4045TP052 (ESN. 026650-)	0403A - 2
1D19	ENGINE PISTON T04045TT054(ESN.704562-803026)	0403 - 2
1G18	ENGINE SHORT BLOCK (ENG. SER. NO. 026650-)	0404A - 4
1D23	ENGINE SHORT BLOCK (ENG. SER. NO. 704562-803026)	0404 - 4
1J13	ENGINE SPEED CONTROL	0515 - 8
1J7	ENGINE SPEED CONTROL CABLE	0515 - 2
1D7	ENGINE TEMPERATURE SWITCH (S.N. -020009)	0400 - 2
1D9	ENGINE TEMPERATURE SWITCH (S.N. 020010-)	0400 - 4
1H4	ENGINE VENTILATING SYSTEM PE4045TP052 (ESN. 026650-)	0408A - 2
1E8	ENGINE VENTILATING SYSTEM T04045TT054 (ESN. 704562-803026)	0408 - 2
3B18	ESCO BUCKET CUTTING EDGES	3302 - 10
1I23	ETHER START FLUID CYLINDER	0505 - 4
1I23	ETHER VALVE	0505 - 4
2F17	EVAPORATOR, AIR CONDITIONING UNIT	1832 - 2
1H8	EXHAUST MANIFOLD PE4045TP052 (ESN. 026650-)	0410A - 2
1E12	EXHAUST MANIFOLD T04045TT054 (ESN. 704562-803026)	0410 - 2
1H8	EXHAUST MANIFOLD, GASKET PE4045TP052 (ESN. 026650-)	0410A - 2
1E12	EXHAUST MANIFOLD,GASKET T04045TT054 (ESN. 704562-803026)	0410 - 2
1J19	EXHAUST PIPE	0530 - 2
1H6	EXHAUST VALVE PE4045TP052 (ESN. 026650-)	0409A - 2
1E10	EXHAUST VALVE T04045TT054 (ESN. 704562-803026)	0409 - 2

ALPHABETICAL INDEX - CONTINUED

GRID		PAGE
	F	
1I12	FAN BELT PE4045TP052(ESN.026650-)	0429A - 6
1F18	FAN BELT T04045TT054 (ESN. 704562-803026)	0429 - 6
1I25	FAN BLADE	0510 - 1
2F14	FAN BLADE, AIR CIRCULATING	1830 - 12
2F14	FAN BLADE, DEFROSTER FAN	1830 - 12
1I9	FAN DRIVE HOUSING PE4045TP052(ESN.026650-)	0429A - 2
1F15	FAN DRIVE HOUSING T04045TT054 (ESN. 704562-803026)	0429 - 2
1I9	FAN DRIVE HUB PE4045TP052(ESN.026650-)	0429A - 2
1F15	FAN DRIVE HUB T04045TT054 (ESN. 704562-803026)	0429 - 2
1I9	FAN DRIVE PULLEY PE4045TP052(ESN.026650-)	0429A - 2
1F15	FAN DRIVE PULLEY T04045TT054 (ESN. 704562-803026)	0429 - 2
1I9	FAN DRIVE SUPPORT PE4045TP052(ESN.026650-)	0429A - 2
1F15	FAN DRIVE SUPPORT T04045TT054 (ESN. 704562-803026)	0429 - 2
2F19	FAN SWITCH, AIR CONDITIONING UNIT	1832 - 4
2B4	FAN, ALTERNATOR	1672 - 2
2F14	FAN, DEFROSTER	1830 - 12
1J21	FILLER CAP, FUEL TANK	0560 - 2
1K3	FILTER ELEMENT, PRIMARY FUEL	0560 - 8
1F7	FILTER ELEMENT, PRIMARY FUEL FILTER T04045TT052 (S.N. -804732)	0420 - 4
1I3	FILTER ELEMENT, PRIMARY FUEL FILTER T04045TT052 (S.N. -804732)	0420A - 4
2I9	FILTER RESTRICTION INDICATOR, HYDRAULIC	2160 - 28
1J15	FILTER, AIR CLEANER	0520 - 2
2F10	FILTER, AIR CONDITIONER	1830 - 8
2F12	FILTER, AIR CONDITIONER	1830 - 10
1I1	FILTER, FUEL PE4045TP052(ESN.026650-)	0420A - 2
1F7	FILTER, FUEL T04045TT052 (S.N. -804732)	0420 - 4
1I3	FILTER, FUEL T04045TT052 (S.N. -804732)	0420A - 4
3F9	FILTER, OIL	3360 - 54
2I3	FILTER, OIL, HYDRAULIC	2160 - 22
3H23	FITTINGS, CONTROL PATTERN SELECTOR KIT	3360 - 120
3C19	FITTINGS, FROM CONTROL VALVE TO PILOT SIGNAL MANIFOLD (FOOT CONTROL, PILOT)	3315 - 21A
3C19	FITTINGS, FROM FOOT PEDAL CONTROL TO PILOT SHUTOFF VALVE (PILOT SYSTEM)	3315 - 21A
3C19	FITTINGS, FROM FOOT PEDAL CONTROL TO PILOT SIGNAL MANIFOLD (PILOT SYSTEM)	3315 - 21A
3C19	FITTINGS, FROM PILOT SHUTOFF VALVE TO FOOT PEDAL CONTROL (PILOT SYSTEM)	3315 - 21A
3C19	FITTINGS, FROM PILOT SIGNAL MANIFOLD TO CONTROL VALVE (FOOT CONTROL,PILOT SYS)	3315 - 21A
3C19	FITTINGS, FROM PILOT SIGNAL MANIFOLD TO FOOT PEDAL CONTROL (PILOT SYSTEM)	3315 - 21A
2H12	FLEX COUPLING, PUMP	2160 - 6
2H14	FLEX COUPLING, PUMP (BLADE)	2160 - 8
1J21	FLOAT, FUEL TANK	0560 - 2
2E7	FLOOR MAT	1810 - 30
2E9	FLOOR PLATE	1810 - 32
3F3	FLOW CONTROL VALVE	3360 - 48
3H7	FLOW CONTROL WITH SOLENOID KIT (1-WAY)	3360 - 106
1K12	FLUID ANALYSIS PRODUCTS (COOLSCAN PLUS TEST KIT)	1369 - 6
1K13	FLUID ANALYSIS PRODUCTS (DIESELSCAN TEST KIT)	1369 - 7
1K10	FLUID ANALYSIS PRODUCTS (OILSCAN PLUS TEST KIT)	1369 - 4
1I16	FLYWHEEL HOUSING PE4045TP052(ESN.026650-)	0433A - 2
1F22	FLYWHEEL HOUSING T04045TT054 (ESN. 704562-803026)	0433 - 2
1I15	FLYWHEEL RING GEAR PE4045TP052(ESN.026650-)	0433A - 1
1F21	FLYWHEEL RING GEAR T04045TT054 (ESN. 704562-803026)	0433 - 1
1I15	FLYWHEEL, ENGINE PE4045TP052(ESN.026650-)	0433A - 1
1F21	FLYWHEEL, ENGINE T04045TT054 (ESN. 704562-803026)	0433 - 1
3C17	FOOT CONTROL LABEL	3315 - 20
3C21	FOOT CONTROL LABEL	3315 - 22
3C17	FOOT CONTROL, AUXILIARY	3315 - 20
3C21	FOOT CONTROL, REPLACEMENT, AUXILIARY	3315 - 22
3C19	FOOT PEDAL CONTROL, HYDRAULIC (2-WAY) (AUXILIARY)	3315 - 21A
3H9	FOOT SWITCH, AUXILIARY ELECTRIC	3360 - 108
3H11	FOOT SWITCH, AUXILIARY ELECTRIC	3360 - 109A
3C17	FOOT VALVE, AUXILIARY CONTROL	3315 - 20
3C21	FOOT VALVE, AUXILIARY CONTROL	3315 - 22
3C7	FOOTREST	3315 - 10
2C16	FRAME, MAIN	1740 - 2
1B3	FRAME, TRACK	0130 - 2
3I10	FRAME, TRACK, BLADE	3401 - 8
1B5	FRAME, TRACK, FOR USE WITH BLADE	0130 - 4
3F19	FRONT AND REAR PUMP CONTROL PRESSURE SENSORS	3360 - 64
1B7	FRONT IDLER	0130 - 6
3C1	FRONT PILOT VALVE	3315 - 4
3C3	FRONT PILOT VALVE COMPONENTS	3315 - 6
3G11	FRONT PIPINGS	3360 - 80
3D1	FRONT PIPINGS FOR LONG ARM	3340 - 4
3C23	FRONT PIPINGS FOR STANDARD ARM	3340 - 2
1G15	FRONT PLATE, ENGINE PE4045TP052 (ESN. 026650-)	0404A - 1
1D20	FRONT PLATE, ENGINE T04045TT054(ESN.704562-803026)	0404 - 1
1I1	FUEL FILTER PE4045TP052(ESN.026650-)	0420A - 2
1F7	FUEL FILTER T04045TT052 (S.N. -804732)	0420 - 4
1I3	FUEL FILTER T04045TT052 (S.N. -804732)	0420A - 4
1I1	FUEL FILTER ELEMENT PE4045TP052(ESN.026650-)	0420A - 2
1F7	FUEL FILTER ELEMENT T04045TT052 (S.N. -804732)	0420 - 4
1I3	FUEL FILTER ELEMENT T04045TT052 (S.N. -804732)	0420A - 4
1I1	FUEL FILTER FUEL LINES PE4045TP052(ESN.026650-)	0420A - 2
1F5	FUEL FILTER FUEL LINES T04045TT054 (ESN. 704562-803026)	0420 - 2
1K1	FUEL FILTER WATER SEPARATOR BRACKET	0560 - 6
1K1	FUEL FILTER WATER SEPARATOR HOSE	0560 - 6
1K1	FUEL FILTER WATER SEPERATOR	0560 - 6
1K1	FUEL FILTER,PRIMARY	0560 - 6
1J21	FUEL GARUGE SENDING SWITCH	0560 - 2
2B8	FUEL GAUGE	1674 - 4

ALPHABETICAL INDEX - CONTINUED

GRID		PAGE
1E14	FUEL INJECTION LINES T04045TT054 (ESN. 704562-803026)	0413 - 2
1H10	FUEL INJECTION LINES (STANADYNE) PE4045TP052 (ESN. 026650-)	0413A - 2
1H9	FUEL INJECTION NOZZLE PE4045TP052 (ESN. 026650-)	0413A - 1
1E13	FUEL INJECTION NOZZLE T04045TT054 (ESN. 704562-803026)	0413 - 1
1E14	FUEL INJECTION PUMP T04045TT054 (ESN. 704562-803026)	0413 - 2
1H10	FUEL INJECTION PUMP (STANADYNE) PE4045TP052 (ESN. 026650-)	0413A - 2
1H10	FUEL INJECTION PUMP DRIVE GEAR PE4045TP052 (ESN. 026650-)	0413A - 2
1E14	FUEL INJECTION PUMP DRIVE GEAR T04045TT054 (ESN. 704562-803026)	0413 - 2
1E14	FUEL INJECTION SYSTEM T04045TT054 (ESN. 704562-803026)	0413 - 2
1H10	FUEL INJECTION SYSTEM (STANADYNE) PE4045TP052 (ESN. 026650-)	0413A - 2
2B8	FUEL LEVEL LIGHT	1674 - 4
1I1	FUEL LINES,FUEL FILTER PE4045TP052(ESN.026650-)	0420A - 2
1F5	FUEL LINES,FUEL FILTER T04045TT054 (ESN. 704562-803026)	0420 - 2
1K1	FUEL LINES,FUEL TANK	0560 - 6
1K1	FUEL LINES,FUEL TANK TO PRIMARY FUEL FILTER	0560 - 6
1J21	FUEL TANK	0560 - 2
1J21	FUEL TANK DRAIN VALVE	0560 - 2
1J21	FUEL TANK FLOAT	0560 - 2
1K1	FUEL TANK FUEL LINES	0560 - 6
1K1	FUEL TANK FUEL LINES TO PRIMARY FUEL FILTER	0560 - 6
1J23	FUEL TANK SUPPORT	0560 - 4
1F10	FUEL TRANSFER PUMP PE4045TP052 (ESN.026650-)	0421 - 3
1F9	FUEL TRANSFER PUMP T04045TT054 (ESN. 704562-803026)	0421 - 2
1F10	FUEL TRANSFER PUMP PUSH ROD PE4045TP052 (ESN.026650-)	0421 - 3
1F9	FUEL TRANSFER PUMP PUSH ROD T04045TT054 (ESN. 704562-803026)	0421 - 2
2C8	FUSE BOX COVER	1674 - 29
2B12	FUSES	1674 - 8
2B20	FUSIBLE LINK	1674 - 16

G

1I17	GASKET SET, CYLINDER HEAD REMOVAL PE4045TP052(ESN.026650-)	0452A - 1
1F23	GASKET SET, CYLINDER HEAD REMOVAL T04045TT054(ESN.704562-803026)	0452 - 1
1F24	GASKET SET, ENGINE MAJOR OVERHAUL T04045TT054 (ESN. 704562-803026)	0452 - 2
1I18	GASKET SET,ENGINE MAJOR OVERHAUL PE4045TP052(ESN.026650-)	0452A - 2
1I17	GASKET SET,IN CHASSIS OVERHAUL PE4045TP052(ESN.026650-)	0452A - 1
1F23	GASKET SET,IN CHASSIS OVERHAUL T04045TT054(ESN.704562-803026)	0452 - 1
1H6	GASKET, CYLINDER HEAD PE4045TP052 (ESN. 026650-)	0409A - 2
1E10	GASKET, CYLINDER HEAD T04045TT054 (ESN. 704562-803026)	0409 - 2
1G24	GASKET, ENGINE OIL PAN PE4045TP052 (ESN. 026650-)	0407A - 6
1E3	GASKET, ENGINE OIL PAN T04045TT054 (ESN. 704562-803026)	0407 - 4
1H8	GASKET, EXHAUST MANIFOLD PE4045TP052 (ESN. 026650-)	0410A - 2
1G11	GASKET, ROCKER ARM COVER PE4045TP052 (ESN. 026650-)	0402A - 4
1G7	GASKET, TIMING GEAR COVER PE4045TP052(ESN.026650-900932)	0402A - 2
1D12	GASKET, TIMING GEAR COVER T04045TT054 (ESN. 704562-803026)	0402 - 2
1H16	GASKET, TURBOCHARGER	0416A - 2
1E20	GASKET, TURBOCHARGER T04045TT054 (ESN. 704562-803026)	0416 - 2
1E12	GASKET,EXHAUST MANIFOLD T04045TT054 (ESN. 704562-803026)	0410 - 2
1D14	GASKET,REPLACEMENT TIMING GEAR T04045TT054(ESN.704562-803026)	0402 - 3A
1D16	GASKET,ROCKER ARM COVER T04045TT054 (ESN. 704562-803026)	0402 - 4
1G9	GASKET,TIMING GEAR COVER (ENG. SER. NO. 900933-)	0402A - 3A
2I3	GAUGE LEVEL, HYDRAULIC OIL	2160 - 22
2B8	GAUGE, FUEL	1674 - 4
3I10	GAURDS, CYLINDER, PUSH BLADE	3401 - 8
1G13	GEAR, CAMSHAFT PE4045TP052 (ESN. 026650-)	0402A - 6
1D18	GEAR, CAMSHAFT T04045TT054 (ESN. 704562-803026)	0402 - 6
1G6	GEAR, CRANKSHAFT PE4045TP052 (ESN. 026650-)	0401A - 1
1D11	GEAR, CRANKSHAFT T04045TT054(ESN.704562-803026)	0401 - 1
1H1	GEAR, ENGINE OIL PUMP PE4045TP052 (ESN. 026650-)	0407A - 8
1E5	GEAR, ENGINE OIL PUMP T04045TT054(ESN.704562-803026)	0407 - 6
1H10	GEAR, FUEL INJECTION PUMP DRIVE PE4045TP052 (ESN. 026650-)	0413A - 2
1E14	GEAR, FUEL INJECTION PUMP DRIVE T04045TT054 (ESN. 704562-803026)	0413 - 2
2H24	GEAR, PUMP, COMPONENTS	2160 - 18
2I1	GEAR, PUMP, COMPONENTS (BLADE)	2160 - 20
3B10	GENERAL PURPOSE BUCKET	3302 - 2
3B12	GENERAL PURPOSE BUCKET	3302 - 4
2D12	GLASS, CAB DOOR	1810 - 10
2D14	GLASS, CAB DOOR	1810 - 12
2D16	GLASS, CAB FRONT WINDOW	1810 - 14
2D18	GLASS, CAB FRONT WINDOW	1810 - 16
2D10	GLASS, CAB REAR AND LEFT SIDE	1810 - 8
2D20	GLASS, CAB RIGHT SIDE WINDOW	1810 - 18
2C22	GREASE BATH COVER, SWING BEARING	1740 - 8
3I20	GRIP, BLADE CONTROL	3401 - 18
3J19	GRIP, BLADE CONTROL, RIGHT CONSOLE	3415 - 2
3B23	GRIP, CONTROL LEVER	3315 - 2
3C5	GRIP, PROPEL CONTROL LEVER	3315 - 8
2B16	GROUND STRAP	1674 - 12
2G20	GUARDS, WINDOW	1910 - 20

H

2D8	HAMMER, ESCAPE	1810 - 6
2D12	HANDHOLD, INSIDE CAB DOOR	1810 - 10
2D14	HANDHOLD, INSIDE CAB DOOR	1810 - 12
2D10	HANDHOLD, LEFT SIDE	1810 - 8

ALPHABETICAL INDEX - CONTINUED

GRID		PAGE
2G14	HANDHOLD, RIGHT SIDE	1910 - 14
2H4	HANDHOLD, RIGHT SIDE	2002 - 4
2D12	HANDLE, CAB DOOR	1810 - 10
2D14	HANDLE, CAB DOOR	1810 - 12
2D16	HANDLE, CAB FRONT UPPER	1810 - 14
2D18	HANDLE, CAB FRONT UPPER	1810 - 16
2D22	HANDLE, CAB TOP HATCH	1810 - 20
3H1	HANDLE, PILOT DUAL CONTROL	3360 - 102
3H3	HANDLE, PILOT DUAL CONTROL	3360 - 103A
2D12	HANDRAIL, INSIDE CAB DOOR	1810 - 10
2D14	HANDRAIL, INSIDE CAB DOOR	1810 - 12
2D10	HANDRAIL, LEFT SIDE	1810 - 8
2G14	HANDRAIL, RIGHT SIDE	1910 - 14
3H1	HARNESS, SOLENOID VALVE DUAL CONTROL	3360 - 102
3H3	HARNESS, SOLENOID VALVE DUAL CONTROL	3360 - 103A
2B18	HARNESS, WIRE, BOOM LIGHT	1674 - 14
3H9	HARNESS, WIRE, FOOT SWITCH	3360 - 108
3H11	HARNESS, WIRE, FOOT SWITCH	3360 - 109A
2B20	HARNESS, WIRE, MAIN	1674 - 16
2B20	HARNESS, WIRE, STARTER	1674 - 16
2C3	HARNESS, WIRING, AIR CONDITIONING UNIT	1674 - 24
2C5	HARNESS, WIRING, CHASSIS AIR CONDITIONING UNIT	1674 - 26
2C13	HARNESS, WIRING, CONTROL PATTERN KIT	1674 - 34
2C7	HARNESS, WIRING, KIT	1674 - 28
2D22	HATCH, CAB TOP	1810 - 20
1H6	HEAD, CYLINDER PE4045TP052 (ESN. 026650-)	0409A - 2
1E10	HEAD, CYLINDER T04045TT054 (ESN. 704562-803026)	0409 - 2
1D25	HEADER,ENGINE OIL FILTER T04045TT054(ESN.704562-803026)	0407 - 2
1G20	HEADER,ENGINE OIL FILTER PE4045TP052 (ENGINE SERIAL NO.XXXXXX-)	0407A - 2
2B18	HEADLIGHT ON BOOM	1674 - 14
2D10	HEADLINER, CAB TOP	1810 - 8
2D22	HEADLINER, CAB TOP HATCH	1810 - 20
2E21	HEADREST	1821 - 2
2F15	HEATER	1830 - 14
2F15	HEATER CONTROL	1830 - 14
2F6	HEATER PIPINGS	1830 - 4
2F6	HEATER PIPINGS TO ENGINE	1830 - 4
1I22	HEATER, ENGINE COOLANT	0505 - 2
3B14	HEAVY DUTY BUCKET	3302 - 6
3H19	HOLDING VALVE COMPONENTS	3360 - 116
2B22	HORN	1674 - 18
3B23	HORN BUTTON	3315 - 2
2B22	HORN, WIRE HARNESS	1674 - 18
1J17	HOSE, AIR CLEANER	0520 - 4
3D19	HOSE, BOOM BOTTOM TO CONTROL VALVE	3360 - 16
3D11	HOSE, BOOM CYLINDER TO CONTROL VALVE	3360 - 8
3D13	HOSE, BOOM TO CONTROL VALVE	3360 - 10
3D17	HOSE, CENTER JOINT TO CONTROL VALVE	3360 - 14
3D9	HOSE, CENTER JOINT TO RETURN PIPINGS	3360 - 6
3F15	HOSE, CENTER JOINT TO SOLENOID VALVE	3360 - 60
1C20	HOSE, CENTER JOINT TO TRAVEL DEVICE	0260 - 20
3H23	HOSE, CONTROL PATTERN SELECTOR KIT	3360 - 120
3C17	HOSE, CONTROL VALVE TO AUXILIARY FOOT VALVE	3315 - 20
3D13	HOSE, CONTROL VALVE TO BOOM	3360 - 10
3D19	HOSE, CONTROL VALVE TO BOOM BOTTOM	3360 - 16
3D11	HOSE, CONTROL VALVE TO BOOM CYLINDER	3360 - 8
3D17	HOSE, CONTROL VALVE TO CENTER JOINT	3360 - 14
3D5	HOSE, CONTROL VALVE TO LOWER OIL TANK	3360 - 2
3D7	HOSE, CONTROL VALVE TO OIL COOLER	3360 - 4
3G7	HOSE, CONTROL VALVE TO OIL TANK	3360 - 76
3F13	HOSE, CONTROL VALVE TO PUMP	3360 - 58
2I7	HOSE, CONTROL VALVE TO REAR OF HYDRAULIC PUMP	2160 - 26
3F17	HOSE, CONTROL VALVE TO SHOCKLESS VALVE	3360 - 62
3F19	HOSE, CONTROL VALVE TO SHOCKLESS VALVE	3360 - 64
3F11	HOSE, CONTROL VALVE TO SOLENOID VALVE	3360 - 56
3F15	HOSE, CONTROL VALVE TO SOLENOID VALVE	3360 - 60
3F15	HOSE, CONTROL VALVE TO SWING DEVICE	3360 - 60
3D15	HOSE, CONTROL VALVE TO SWING MOTOR	3360 - 12
3D9	HOSE, CONTROL VALVE TO TOP OF SWING DEVICE	3360 - 6
3F21	HOSE, CONTROL VALVE TO TRAVEL PILOT VALVE	3360 - 66
2I7	HOSE, DELIVERY	2160 - 26
1K1	HOSE, ENGINE TO FUEL TANK	0560 - 6
2F6	HOSE, ENGINE TO HEATER	1830 - 4
1H4	HOSE, ENGINE VENTILATING PE4045TP052 (ESN. 026650-)	0408A - 2
1E8	HOSE, ENGINE VENTILATING T04045TT054 (ESN. 704562-803026)	0408 - 2
3C19	HOSE, FROM CONTROL VALVE TO PILOT SIGNAL MANIFOLD (FOOT CONTROL,PILOT SYSTEM)	3315 - 21A
3C19	HOSE, FROM FOOT PEDAL CONTROL TO PILOT SHUTOFF VALVE (PILOT SYSTEM)	3315 - 21A
3C19	HOSE, FROM FOOT PEDAL CONTROL TO PILOT SIGNAL MANIFOLD (PILOT SYSTEM)	3315 - 21A
3C19	HOSE, FROM PILOT SHUTOFF VALVE TO FOOT PEDAL CONTROL (PILOT SYSTEM)	3315 - 21A
3C19	HOSE, FROM PILOT SIGNAL MANIFOLD TO CONTROL VALVE (FOOT CONTROL,PILOT SYS)	3315 - 21A
3C19	HOSE, FROM PILOT SIGNAL MANIFOLD TO FOOT PEDAL CONTROL (PILOT SYSTEM)	3315 - 21A
3H23	HOSE, FROM PILOT SIGNAL MANIFOLDTO SOLENOID VALVE	3360 - 120
3H23	HOSE, FROM SOLENOID VALVE TO PILOT SIGNAL MANIFOLD	3360 - 120
1K1	HOSE, FUEL FILTER WATER SEPARATOR	0560 - 6
2F6	HOSE, HEATER TO ENGINE	1830 - 4
3F9	HOSE, HYDRAULIC PUMP TO OIL FILTER	3360 - 54
3G3	HOSE, LOCK VALVE TO PILOT VALVE (LEFT JOYSTICK)	3360 - 72
3G5	HOSE, LOCK VALVE TO PILOT VALVE (RIGHT JOYSTICK)	3360 - 74
3G9	HOSE, LOCK VALVE TO RELIEF VALVE	3360 - 78
3G9	HOSE, LOCK VALVE TO SHOCKLESS VALVE	3360 - 78
3G9	HOSE, LOCK VALVE TO SOLENOID VALVE	3360 - 78
3F23	HOSE, LOCK VALVE TO TRAVEL PILOT VALVE	3360 - 68
3D5	HOSE, LOWER OIL TANK TO CONTROL VALVE	3360 - 2
3D7	HOSE, OIL COOLER TO CONTROL VALVE	3360 - 4
3D5	HOSE, OIL COOLER TO OIL TANK	3360 - 2
3F9	HOSE, OIL FILTER TO HYDRAULIC PUMP	3360 - 54
3G7	HOSE, OIL TANK TO CONTROL VALVE	3360 - 76
3D5	HOSE, OIL TANK TO OIL COOLER	3360 - 2
2I5	HOSE, OIL TANK TO PUMP	2160 - 24
3G7	HOSE, OIL TANK TO RELIEF VALVE	3360 - 76
3F9	HOSE, OIL TANK TO SOLENOID VALVE	3360 - 54
3G3	HOSE, PILOT VALVE TO LOCK VALVE (LEFT JOYSTICK)	3360 - 72
3G5	HOSE, PILOT VALVE TO LOCK VALVE (RIGHT JOYSTICK)	3360 - 74
3G3	HOSE, PILOT VALVE TO SHOCKLESS VALVE (LEFT JOYSTICK)	3360 - 72
3G5	HOSE, PILOT VALVE TO SHOCKLESS VALVE (RIGHT JOYSTICK)	3360 - 74
2I7	HOSE, PUMP REAR TO CONTROL VALVE	2160 - 26
3F13	HOSE, PUMP TO CONTROL VALVE	3360 - 58
2I5	HOSE, PUMP TO OIL TANK	2160 - 24
1J3	HOSE, RADIATOR TO THERMOSTAT HOUSING	0510 - 4

ALPHABETICAL INDEX - CONTINUED

GRID		PAGE
1J3	HOSE, RADIATOR TO WATER PUMP	0510 - 4
2F17	HOSE, REFRIGERANT, AIR CONDITIONING UNIT	1832 - 2
3G9	HOSE, RELIEF VALVE TO LOCK VALVE	3360 - 78
3G7	HOSE, RELIEF VALVE TO OIL TANK	3360 - 76
3G9	HOSE, RELIEF VALVE TO SHOCKLESS VALVE	3360 - 78
3C21	HOSE, REPLACEMENT, CONTROL VALVE TO AUXILIARY FOOT VALVE	3315 - 22
3D9	HOSE, RETURN TO CENTER JOINT	3360 - 6
3D9	HOSE, RETURN TO SWING DEVICE	3360 - 6
1C20	HOSE, ROTARY MANIFOLD TO TRAVEL DEVICE	0260 - 20
3F17	HOSE, SHOCKLESS VALVE TO CONTROL VALVE	3360 - 62
3F19	HOSE, SHOCKLESS VALVE TO CONTROL VALVE	3360 - 64
3G9	HOSE, SHOCKLESS VALVE TO LOCK VALVE	3360 - 78
3G3	HOSE, SHOCKLESS VALVE TO PILOT VALVE (LEFT JOYSTICK)	3360 - 72
3G5	HOSE, SHOCKLESS VALVE TO PILOT VALVE (RIGHT JOYSTICK)	3360 - 74
3G9	HOSE, SHOCKLESS VALVE TO RELIEF VALVE	3360 - 78
3F15	HOSE, SOLENOID VALVE TO CENTER JOINT	3360 - 60
3F11	HOSE, SOLENOID VALVE TO CONTROL VALVE	3360 - 56
3F15	HOSE, SOLENOID VALVE TO CONTROL VALVE	3360 - 60
3G9	HOSE, SOLENOID VALVE TO LOCK VALVE	3360 - 78
3F9	HOSE, SOLENOID VALVE TO OIL TANK	3360 - 54
3F11	HOSE, SOLENOID VALVE TO SWING DEVICE	3360 - 56
2I5	HOSE, SUCTION	2160 - 24
3F15	HOSE, SWING DEVICE TO CONTROL VALVE	3360 - 60
3D9	HOSE, SWING DEVICE TO RETURN PIPINGS	3360 - 6
3F11	HOSE, SWING DEVICE TO SOLENOID VALVE	3360 - 56
3D15	HOSE, SWING MOTOR TO CONTROL VALVE	3360 - 12
1J3	HOSE, THERMOSTAT HOUSING TO RADIATOR	0510 - 4
1C20	HOSE, TRAVEL DEVICE TO CENTER JOINT	0260 - 20
1C20	HOSE, TRAVEL DEVICE TO ROTARY MANIFOLD	0260 - 20
3F21	HOSE, TRAVEL PILOT VALVE TO CONTROL VALVE	3360 - 66
3F23	HOSE, TRAVEL PILOT VALVE TO LOCK VALVE	3360 - 68
1J3	HOSE, WATER PUMP TO RADIATOR	0510 - 4
1K1	HOSE, WATER SEPARATOR	0560 - 6
1J5	HOSE, WATER TANK	0510 - 6
2D8	HOSE, WINDSHIELD WASHER	1810 - 6
3C21	HOSES, REPLACEMENT, AUXILIARY FOOT VAVLE TO MAIN HYDRAULIC VAVLE	3315 - 22
3D9	HOSES, SWING DEVICE TOP TO CONTROL VALVE	3360 - 6
2E3	HOURMETER	1810 - 26
1I9	HOUSING, FAN DRIVE PE4045TP052(ESN.026650-)	0429A - 2
1F15	HOUSING, FAN DRIVE T04045TT054 (ESN. 704562-803026)	0429 - 2
1I16	HOUSING, FLYWHEEL PE4045TP052(ESN.026650-)	0433A - 2
1F22	HOUSING, FLYWHEEL T04045TT054 (ESN. 704562-803026)	0433 - 2
1H22	HOUSING, THEROSTAT PE4045TP052(ESN.026650-)	0418A - 2
1F1	HOUSING, THEROSTAT T04045TT054 (ESN. 704562-803026)	0418 - 2
2B8	HP MODE INDICATOR	1674 - 4
1I9	HUB, FAN DRIVE PE4045TP052(ESN.026650-)	0429A - 2
1F15	HUB, FAN DRIVE T04045TT054 (ESN. 704562-803026)	0429 - 2
2I9	HYDRAULIC FILTER RESTRICTION INDICATOR KIT	2160 - 28
3C19	HYDRAULIC FOOT PEDAL CONTROL (2-WAY) (AUXILIARY)	3315 - 21A
2B8	HYDRAULIC OIL LEVEL LIGHT	1674 - 4
2I3	HYDRAULIC OIL TANK	2160 - 22
2H8	HYDRAULIC PUMP	2160 - 2
2H12	HYDRAULIC PUMP COMPONENTS	2160 - 6
2H14	HYDRAULIC PUMP COMPONENTS (BLADE)	2160 - 8
2H10	HYDRAULIC PUMP FOR USE WITH BLADE	2160 - 4
3F13	HYDRAULIC PUMP PIPINGS TO CONTROL VALVE	3360 - 58
3F9	HYDRAULIC PUMP PIPINGS TO OIL FILTER	3360 - 54
2H16	HYDRAULIC PUMP UNIT	2160 - 10
2H18	HYDRAULIC PUMP UNIT (BLADE)	2160 - 12

I

1I12	IDLER PULLEY PE4045TP052(ESN.026650-)	0429A - 6
1F18	IDLER PULLEY, T04045TT054 (ESN. 704562-803026)	0429 - 6
1B7	IDLER, FRONT	0130 - 6
2B10	IGNITION	1674 - 6
2B12	IGNITION WIRE HARNESS	1674 - 8
1H20	IMPELLER, WATER PUMP (ENG.SER.NO.900933-)	0417A - 2
1E23	IMPELLER, WATER PUMP T04045TT054 (ESN. 704562-803026)	0417 - 1
1H19	IMPELLER,WATER PUMP PE4045TP052(ESN.026650-900932)	0417A - 1
1I17	IN CHASSIS OVERHAUL GASKET SET PE4045TP052(ESN.026650-)	0452A - 1
1F23	IN CHASSIS OVERHAUL GASKET SET T04045TT054(ESN.704562-803026)	0452 - 1
1J15	INDICATOR, AIR RESTRICTION	0520 - 2
2I9	INDICATOR, HYDRAULIC FILTER	2160 - 28
1J13	INJECTION PUMP CONTROL	0515 - 8
1H21	INLET, WATER PUMP PE4045TP052(ESN.026650-)	0417A - 3
1E25	INLET, WATER PUMP T04045TT054 (ESN. 704562-803026)	0417 - 3
1H12	INTAKE SYSTEM, AIR PE4045TP052 (ESN. 026650-)	0414A - 1
1E16	INTAKE SYSTEM, AIR, T04045TT054 (SEN. 704562-803026)	0414 - 1
1H6	INTAKE VALVE PE4045TP052 (ESN. 026650-)	0409A - 2
1E10	INTAKE VALVE T04045TT054 (ESN. 704562-803026)	0409 - 2
1H1	INTAKE, ENGINE OIL PUMP PE4045TP052 (ESN. 026650-)	0407A - 8
1E5	INTAKE, ENGINE OIL PUMP T04045TT054(ESN.704562-803026)	0407 - 6

J

1C14	JOINT, CENTER	0260 - 14
1C2	JOINT, CENTER, ATTACHMENTS	0260 - 2
1C16	JOINT, CENTER, FOR USE WITH BLADE	0260 - 16

K

2B10	KEY, IGNITION	1674 - 6
2G16	KEY, SERVICE DOOR LOCKS	1910 - 16
2G20	KEY, VANDAL PROTECTION LOCK	1910 - 20
2B6	KIT, ATTACHMENT MODE	1674 - 2
3J11	KIT, BLADE CYLINDER SEAL (LEFT)(REPLACEMENT CYLINDER)	3401 - 27C
3J7	KIT, BLADE CYLINDER SEAL (LEFT)(SERIAL NUMBER -020107)	3401 - 26

ALPHABETICAL INDEX - CONTINUED

GRID		PAGE
3J9	KIT, BLADE CYLINDER SEAL (LEFT)(SERIAL NUMBER 020108-)	3401 - 27A
3J5	KIT, BLADE CYLINDER SEAL (RIGHT)(REPLACEMENT CYLINDER)	3401 - 25C
3J1	KIT, BLADE CYLINDER SEAL (RIGHT)(SERIAL NUMBER -020107)	3401 - 24
3J3	KIT, BLADE CYLINDER SEAL (RIGHT)(SERIAL NUMBER 020108-)	3401 - 25A
3H23	KIT, CONTROL PATTERN SELECTOR	3360 - 120
1G14	KIT, CYLINDER LINER O-RING PE4045TP052 (ESN. 026650-)	0403A - 2
1D19	KIT, CYLINDER LINER O-RING T04045TT054(ESN.704562-803026)	0403 - 2
2I9	KIT, HYDRAULIC FILTER RESTRICTION INDICATOR	2160 - 28
2C11	KIT, LEAD WIRE	1674 - 32
3H13	KIT, LOAD LOWERING	3360 - 110
3H15	KIT, LOAD LOWERING VALVE	3360 - 112
3H17	KIT, LOAD LOWERING VALVE	3360 - 114
3D1	KIT, LONG ARM ASSEMBLY	3340 - 4
1K8	KIT, O-RING, METRIC	1369 - 2
1K3	KIT, PRIMARY FUEL FILTER SERVICE	0560 - 8
1F7	KIT, PRIMARY FUEL FILTER SERVICE T04045TT052 (S.N. -804732)	0420 - 4
1I3	KIT, PRIMARY FUEL FILTER SERVICE T04045TT052 (S.N. -804732)	0420A - 4
2E11	KIT, RADIO	1810 - 34
3G17	KIT, SEAL, ARM CYLINDER	3360 - 92
3G19	KIT, SEAL, BUCKET CYLINDER	3360 - 96
3G15	KIT, SEAL, LEFT BOOM CYLINDER	3360 - 88
2H24	KIT, SEAL, MAIN HYDRAULIC PUMP GEAR	2160 - 18
2I1	KIT, SEAL, MAIN HYDRAULIC PUMP GEAR (BLADE)	2160 - 20
3G13	KIT, SEAL, RIGHT BOOM CYLINDER	3360 - 84
2E19	KIT, SECONDARY REAR WINDOW EXIT	1810 - 42
3H7	KIT, SOLENOID CONTROL WITH FLOW CONTROL (1-WAY)	3360 - 106
3C23	KIT, STANDARD ARM ASSEMBLY	3340 - 2
1H20	KIT, WATER PUMP REPAIR (ENG.SER.NO.900933-)	0417A - 2
2C7	KIT, WIRING HARNESS	1674 - 28
1E2	KIT,OIL FILTER HEADER REPLACEMENT T04045TT054 (ESN.704562-803026)	0407 - 3A
1G23	KIT,REPLACEMENT OIL FILTER HEADER PE4045TP052(ESN.026650-)	0407A - 5
1E24	KIT,REPLACEMENT WATER PUMP REPAIR T04045TT054(ESN.704562-803026)	0417 - 2
3H5	KIT,SOLENOID VALVE, 1WAY/2WAY, WITHOUT PRESSURE SWITCH	3360 - 104
1H19	KIT,WATER PUMP REPAIR PE64045TP02(ESN.026650-900932)	0417A - 1

L

3H9	LABEL, AUXILIARY CONTROL	3360 - 108
3H11	LABEL, AUXILIARY CONTROL	3360 - 109A
3H1	LABEL, AUXILIARY DUAL HAND CONTROL	3360 - 102
2I9	LABEL, HYDRAULIC FILTER RESTRICTION INDICATOR	2160 - 28
3H23	LABEL, PILOT CONTROL LEVER	3360 - 120
3C17	LABEL,AUXILIARY FOOT CONTROL	3315 - 20
3C21	LABEL,AUXILIARY FOOT CONTROL	3315 - 22
1K6	LABELS	1320 - 2
2G14	LAMP, WORK, TOOL BOX	1910 - 14
2G4	LATCH, SIDE SHIELD DOOR	1910 - 4
2C11	LEAD WIRE KIT	1674 - 32
3G15	LEFT BOOM CYLINDER COMPONENTS	3360 - 88
2H2	LEFT REAR VIEW MIRROR	2002 - 2
2I3	LEVEL, OIL GAUGE, HYDRAULIC OIL	2160 - 22
3C13	LEVER DAMPER, PROPEL	3315 - 16
3C13	LEVER DAMPER, TRAVEL	3315 - 16
3I20	LEVER, BLADE CONTROL	3401 - 18
3J19	LEVER, BLADE CONTROL, RIGHT CONSOLE	3415 - 2
3B23	LEVER, CONTROL	3315 - 2
3C15	LEVER, LOCK	3315 - 18
3C5	LEVER, PROPEL CONTROL	3315 - 8
2G14	LID, TOOL BOX	1910 - 14
2B18	LIGHT, BOOM	1674 - 14
2D8	LIGHT, DOME	1810 - 6
2G14	LIGHT, TOOL BOX	1910 - 14
2E1	LIGHTER	1810 - 24
3J11	LINE, BLADE CYLINDER OIL (LEFT)(REPLACEMENT CYLINDER)	3401 - 27C
3J7	LINE, BLADE CYLINDER OIL (LEFT)(SERIAL NUMBER -020107)	3401 - 26
3J9	LINE, BLADE CYLINDER OIL (LEFT)(SERIAL NUMBER 020108-)	3401 - 27A
3J5	LINE, BLADE CYLINDER OIL (RIGHT)(REPLACEMENT CYLINDER)	3401 - 25C
3J1	LINE, BLADE CYLINDER OIL (RIGHT)(SERIAL NUMBER -020107)	3401 - 24
3J3	LINE, BLADE CYLINDER OIL (RIGHT)(SERIAL NUMBER 020108-)	3401 - 25A
3D19	LINE, BOOM BOTTOM TO CONTROL VALVE	3360 - 16
3D11	LINE, BOOM CYLINDER TO CONTROL VALVE	3360 - 8
3D13	LINE, BOOM TO CONTROL VALVE	3360 - 10
3D17	LINE, CENTER JOINT TO CONTROL VALVE	3360 - 14
3D9	LINE, CENTER JOINT TO RETURN PIPINGS	3360 - 6
3F15	LINE, CENTER JOINT TO SOLENOID VALVE	3360 - 60
1C20	LINE, CENTER JOINT TO TRAVEL DEVICE	0260 - 20
3D13	LINE, CONTROL VALVE TO BOOM	3360 - 10
3D19	LINE, CONTROL VALVE TO BOOM BOTTOM	3360 - 16
3D11	LINE, CONTROL VALVE TO BOOM CYLIDNER	3360 - 8
3D17	LINE, CONTROL VALVE TO CENTER JOINT	3360 - 14
3D5	LINE, CONTROL VALVE TO LOWER OIL TANK	3360 - 2
3D7	LINE, CONTROL VALVE TO OIL COOLER	3360 - 4
3G7	LINE, CONTROL VALVE TO OIL TANK	3360 - 76
3F13	LINE, CONTROL VALVE TO PUMP	3360 - 58
2I7	LINE, CONTROL VALVE TO REAR OF HYDRAULIC PUMP	2160 - 26
3F17	LINE, CONTROL VALVE TO SHOCKLESS VALVE	3360 - 62
3F19	LINE, CONTROL VALVE TO SHOCKLESS VALVE	3360 - 64
3F11	LINE, CONTROL VALVE TO SOLENOID VALVE	3360 - 56
3F15	LINE, CONTROL VALVE TO SOLENOID VALVE	3360 - 60
3F15	LINE, CONTROL VALVE TO SWING DEVICE	3360 - 60
3D15	LINE, CONTROL VALVE TO SWING MOTOR	3360 - 12
3D9	LINE, CONTROL VALVE TO TOP OF SWING DEVICE	3360 - 6
3F21	LINE, CONTROL VALVE TO TRAVEL PILOT VALVE	3360 - 66
2I7	LINE, DELIVERY	2160 - 26
1K1	LINE, ENGINE TO FUEL TANK	0560 - 6
2F6	LINE, ENGINE TO HEATER	1830 - 4
1K1	LINE, FUEL FILTER WATER SEPARATOR	0560 - 6
2F6	LINE, HEATER TO ENGINE	1830 - 4
3F9	LINE, HYDRAULIC PUMP TO OIL FILTER	3360 - 54
3G3	LINE, LOCK VALVE TO PILOT VALVE (LEFT JOYSTICK)	3360 - 72
3G5	LINE, LOCK VALVE TO PILOT VALVE (RIGHT JOYSTICK)	3360 - 74
3G9	LINE, LOCK VALVE TO RELIEF VALVE	3360 - 78
3G9	LINE, LOCK VALVE TO SHOCKLESS VALVE	3360 - 78
3G9	LINE, LOCK VALVE TO SOLENOID VALVE	3360 - 78

ALPHABETICAL INDEX - CONTINUED

GRID		PAGE
3F23	LINE, LOCK VALVE TO TRAVEL PILOT VALVE	3360 - 68
3D5	LINE, LOWER OIL TANK TO CONTROL VALVE	3360 - 2
3D7	LINE, OIL COOLER TO CONTROL VALVE	3360 - 4
3D5	LINE, OIL COOLER TO OIL TANK	3360 - 2
3F9	LINE, OIL FILTER TO HYDRAULIC PUMP	3360 - 54
3G7	LINE, OIL TANK TO CONTROL VALVE	3360 - 76
3D5	LINE, OIL TANK TO OIL COOLER	3360 - 2
2I5	LINE, OIL TANK TO PUMP	2160 - 24
3G7	LINE, OIL TANK TO RELIEF VALVE	3360 - 76
3F9	LINE, OIL TANK TO SOLENOID VALVE	3360 - 54
3G3	LINE, PILOT VALVE TO LOCK VALVE (LEFT JOYSTICK)	3360 - 72
3G5	LINE, PILOT VALVE TO LOCK VALVE (RIGHT JOYSTICK)	3360 - 74
3G3	LINE, PILOT VALVE TO SHOCKLESS VALVE (LEFT JOYSTICK)	3360 - 72
3G5	LINE, PILOT VALVE TO SHOCKLESS VALVE (RIGHT JOYSTICK)	3360 - 74
2I7	LINE, PUMP REAR TO CONTROL VALVE	2160 - 26
3F13	LINE, PUMP TO CONTROL VALVE	3360 - 58
2I5	LINE, PUMP TO OIL TANK	2160 - 24
1J3	LINE, RADIATOR TO THERMOSTAT HOUSING	0510 - 4
1J3	LINE, RADIATOR TO WATER PUMP	0510 - 4
3G9	LINE, RELIEF VALVE TO LOCK VALVE	3360 - 78
3G7	LINE, RELIEF VALVE TO OIL TANK	3360 - 76
3G9	LINE, RELIEF VALVE TO SHOCKLESS VALVE	3360 - 78
3D9	LINE, RETURN TO CENTER JOINT	3360 - 6
3D9	LINE, RETURN TO SWING DEVICE	3360 - 6
1C20	LINE, ROTARY MANIFOLD TO TRAVEL DEVICE	0260 - 20
1K1	LINE, SECONDARY FILTER TO PRIMARY FILTER	0560 - 6
3F17	LINE, SHOCKLESS VALVE TO CONTROL VALVE	3360 - 62
3F19	LINE, SHOCKLESS VALVE TO CONTROL VALVE	3360 - 64
3G9	LINE, SHOCKLESS VALVE TO LOCK VALVE	3360 - 78
3G3	LINE, SHOCKLESS VALVE TO PILOT VALVE (LEFT JOYSTICK)	3360 - 72
3G5	LINE, SHOCKLESS VALVE TO PILOT VALVE (RIGHT JOYSTICK)	3360 - 74
3G9	LINE, SHOCKLESS VALVE TO RELIEF VALVE	3360 - 78
3F15	LINE, SOLENOID VALVE TO CENTER JOINT	3360 - 60
3F11	LINE, SOLENOID VALVE TO CONTROL VALVE	3360 - 56
3F15	LINE, SOLENOID VALVE TO CONTROL VALVE	3360 - 60
3G9	LINE, SOLENOID VALVE TO LOCK VALVE	3360 - 78
3F9	LINE, SOLENOID VALVE TO OIL TANK	3360 - 54
3F11	LINE, SOLENOID VALVE TO SWING DEVICE	3360 - 56
2I5	LINE, SUCTION	2160 - 24
3F15	LINE, SWING DEVICE TO CONTROL VALVE	3360 - 60
3D9	LINE, SWING DEVICE TO RETURN PIPINGS	3360 - 6
3F11	LINE, SWING DEVICE TO SOLENOID VALVE	3360 - 56
3D9	LINE, SWING DEVICE TOP TO CONTROL VALVE	3360 - 6
3D15	LINE, SWING MOTOR TO CONTROL VALVE	3360 - 12
1J3	LINE, THERMOSTAT HOUSING TO RADIATOR	0510 - 4
1C20	LINE, TRAVEL DEVICE TO CENTER JOINT	0260 - 20
1C20	LINE, TRAVEL DEVICE TO ROTARY MANIFOLD	0260 - 20
3F21	LINE, TRAVEL PILOT VALVE TO CONTROL VALVE	3360 - 66
3F23	LINE, TRAVEL PILOT VALVE TO LOCK VALVE	3360 - 68
1H15	LINE, TURBOCHARGER OIL PE4045TP052(ESN.026650-)	0416A - 1
1H18	LINE, TURBOCHARGER OIL PE4045TP052(ESN.026650-)	0416A - 4
1E19	LINE, TURBOCHARGER OIL T04045TT054 (ESN. 704562-803026)	0416 - 1
1E22	LINE, TURBOCHARGER OIL T04045TT054(ESN.704562-803026)	0416 - 4
1J3	LINE, WATER PUMP TO RADIATOR	0510 - 4
1K1	LINE, WATER SEPARATOR	0560 - 6
1J5	LINE, WATER TANK	0510 - 6
1K1	LINE,LEAK-OFF TUBE TO FUEL TANK	0560 - 6
1G14	LINER, CYLINDER PE4045TP052 (ESN. 026650-)	0403A - 2
1D19	LINER, CYLINDER T04045TT054(ESN.704562-803026)	0403 - 2
1G22	LINES, COOLANT-ADAPTER PE4045TP052 (ESN. 026650-)	0407A - 4
1E14	LINES, FUEL INJECTION T04045TT054 (ESN. 704562-803026)	0413 - 2
1H10	LINES, FUEL INJECTION (STANADYNE) PE4045TP052 (ESN. 026650-)	0413A - 2
2B20	LINK, FUSIBLE	1674 - 16
3H13	LOAD LOWERING VALVE BOOM PIPINGS	3360 - 110
3H15	LOAD LOWERING VALVE BOOM PIPINGS	3360 - 112
3H17	LOAD LOWERING VALVE BOOM PIPINGS	3360 - 114
3C15	LOCK LEVER	3315 - 18
3G1	LOCK VALVE COMPONENTS	3360 - 70
3G9	LOCK VALVE PIPING TO SOLENOID VALVE	3360 - 78
3G3	LOCK VALVE PIPINGS TO PILOT VALVE (LEFT JOYSTICK)	3360 - 72
3G5	LOCK VALVE PIPINGS TO PILOT VALVE (RIGHT JOYSTICK)	3360 - 74
3G9	LOCK VALVE PIPINGS TO RELIEF VALVE	3360 - 78
3G9	LOCK VALVE PIPINGS TO SHOCKLESS VALVE	3360 - 78
3F23	LOCK VALVE PIPINGS TO TRAVEL PILOT VALVE	3360 - 68
3C15	LOCK VALVE, PILOT PIPINGS, LOCATION	3315 - 18
2D12	LOCK, CAB DOOR	1810 - 10
2D14	LOCK, CAB DOOR	1810 - 12
2D22	LOCK, CAB TOP HATCH	1810 - 20
2G16	LOCK, SERVICE DOORS	1910 - 16
2G4	LOCK, SIDE SHIELD DOOR	1910 - 4
2G20	LOCK, VANDAL PROTECTION	1910 - 20
2G20	LOCK, WINDOW COVERS	1910 - 20
3D1	LONG ARM ASSEMBLY KIT	3340 - 4
3G23	LONG ARM LUBRICATE PIPING	3360 - 100
3D1	LONG ARM 2.81M	3340 - 4
2F19	LOUVER, AIR CONDITIONING UNIT	1832 - 4
2E3	LOWER MONITOR COVER	1810 - 26
1B17	LOWER ROLLER	0130 - 16
1B19	LOWER ROLLER SUPPORT	0130 - 18
3G23	LUBRICATE PIPINGS FOR LONG ARM	3360 - 100
3G21	LUBRICATE PIPINGS ON BOOM	3360 - 98

M

1G16	MAIN BEARING CAP PE4045TP052 (ESN. 026650-)	0404A - 2
1D21	MAIN BEARING CAP T04045TT054 (ESN. 704562-803026)	0404 - 2
1G6	MAIN BEARINGS PE4045TP052 (ESN. 026650-)	0401A - 1
1D11	MAIN BEARINGS T04045TT054(ESN.704562-803026)	0401 - 1
2C16	MAIN FRAME	1740 - 2
2H8	MAIN HYDRAULIC PUMP	2160 - 2
2H12	MAIN HYDRAULIC PUMP COMPONENTS	2160 - 6
2H14	MAIN HYDRAULIC PUMP COMPONENTS (BLADE)	2160 - 8
2H10	MAIN HYDRAULIC PUMP FOR USE WITH BLADE	2160 - 4
2H16	MAIN HYDRAULIC PUMP REGULATOR	2160 - 10
2H18	MAIN HYDRAULIC PUMP REGULATOR (BLADE)	2160 - 12
2H20	MAIN HYDRAULIC PUMP REGULATOR COMPONENTS	2160 - 14
2H22	MAIN HYDRAULIC PUMP REGULATOR COMPONENTS (BLADE)	2160 - 16
2H16	MAIN HYDRAULIC PUMP UNIT	2160 - 10
2H18	MAIN HYDRAULIC PUMP UNIT (BLADE)	2160 - 12

ALPHABETICAL INDEX - CONTINUED

GRID		PAGE
3C21	MAIN HYDRAULIC VAVLE TO AUXILIARY VAVLE HOSE REPLACEMENT	3315 - 22
3D13	MAIN PIPINGS	3360 - 10
3I8	MAIN PIPINGS (BLADE CONTROL VALVE)	3401 - 6
3D17	MAIN PIPINGS (CONTROL VALVE, CENTER JOINT)	3360 - 14
3D15	MAIN PIPINGS (CONTROL VALVE, SWING MOTOR)	3360 - 12
3D11	MAIN PIPINGS, BOTTOM SIDE OF BOOM CYLINDER	3360 - 8
1H8	MANIFOLD, EXHAUST PE4045TP052 (ESN. 026650-)	0410A - 2
1E12	MANIFOLD, EXHAUST T04045TT054 (ESN. 704562-803026)	0410 - 2
1C14	MANIFOLD, ROTARY	0260 - 14
1C2	MANIFOLD, ROTARY, ATTACHMENTS	0260 - 2
1C16	MANIFOLD, ROTARY, FOR USE WITH BLADE	0260 - 16
1C18	MANIFOLD, ROTARY, SUPPORT	0260 - 18
2E7	MAT, CAB FLOOR	1810 - 30
1D16	MEDALLION;ROCKER ARM COVER T04045TT054 (ESN. 704562-803026)	0402 - 4
1G11	MEDALLION, ROCKER ARM COVER PE4045TP052 (ESN. 026650-)	0402A - 4
1K8	METRIC O-RING KIT	1369 - 2
2H2	MIRROR, CAB SIDE	2002 - 2
2H2	MIRROR, LEFT REAR VIEW	2002 - 2
2G14	MIRROR, REAR VIEW, RIGHT	1910 - 14
2H4	MIRROR, REAR VIEW, RIGHT	2002 - 4
3H1	MODUAL RELAY FOR DUAL AUXILIARY CONTROL	3360 - 102
3H3	MODUAL RELAY FOR DUAL AUXILIARY CONTROL	3360 - 103A
3B10	MOLDBOARD, GENERAL PURPOSE BUCKET	3302 - 2
3B12	MOLDBOARD, GENERAL PURPOSE BUCKET	3302 - 4
3B14	MOLDBOARD, HEAVY DUTY BUCKET	3302 - 6
2B8	MONITOR	1674 - 4
2B24	MOTION ALARM RELAY	1674 - 20
2B24	MOTION ALARM, TRAVEL	1674 - 20
2F14	MOTOR, AIR CIRCULATING FAN	1830 - 12
2F21	MOTOR, BLOWER, CAIR CONDITIONING UNIT	1832 - 6
2F14	MOTOR, DEFROSTER FAN	1830 - 12
1J9	MOTOR, ENGINE CONTROL	0515 - 4
1C4	MOTOR, PROPEL	0260 - 4
1C6	MOTOR, PROPEL, COMPONENTS	0260 - 6
1F11	MOTOR, STARTER T04045TT054 (ESN. 704562-803026)	0422 - 2
3J22	MOTOR, SWING DEVICE	4360 - 2
3J24	MOTOR, SWING DEVICE, COMPONENTS	4360 - 4
1C4	MOTOR, TRAVEL DEVICE	0260 - 4
1C6	MOTOR, TRAVEL DEVICE, COMPONENTS	0260 - 6
1I5	MOTOR,STARTER PE4045TP052(ESN.026650-)	0422A - 2
3C17	MOUNT, PEDAL, AUXILIARY CONTROL	3315 - 20
3C21	MOUNT, PEDAL, AUXILIARY CONTROL	3315 - 22
1D7	MOUNTS, ENGINE (S.N. -020009)	0400 - 2
1D9	MOUNTS, ENGINE (S.N. 020010-)	0400 - 4
1J19	MUFFLER	0530 - 2

N

1I23	NOZZLE, COLD WEATHER STARTING AID SPRAY	0505 - 4
1H9	NOZZLE, FUEL INJECTION PE4045TP052 (ESN. 026650-)	0413A - 1
1E13	NOZZLE, FUEL INJECTION T04045TT054 (ESN. 704562-803026)	0413 - 1

O

1K8	O-RING KIT, METRIC	1369 - 2
1J1	OIL COOLER	0510 - 2
3D7	OIL COOLER PIPINGS TO CONTROL VALVE	3360 - 4
3D5	OIL COOLER PIPINGS TO OIL TANK	3360 - 2
1H24	OIL COOLER, ENGINE PE4045TP052(ESN.026650-)	0419A - 2
1F3	OIL COOLER, ENGINE T04045TT054 (ESN. 704562-803026)	0419 - 2
1E7	OIL DIPSTICK T04045TT054 (ESN. 704562-803026)	0407 - 8
1H2	OIL FILLER OPENING COVER PE4045TP052(ESN.026650-)	0407A - 9
1E6	OIL FILLER OPENING COVER T04045TT054(ESN.704562-803026)	0407 - 7
3F9	OIL FILTER	3360 - 54
3F9	OIL FILTER PIPINGS TO HYDRAULIC PUMP	3360 - 54
1G20	OIL FILTER, ENGINE, PE4045TP052 (ENGINE SERIAL NO.XXXXXX-)	0407A - 2
3J11	OIL LINE, BLADE CYLINDER (LEFT)(REPLACEMENT CYLINDER)	3401 - 27C
3J7	OIL LINE, BLADE CYLINDER (LEFT)(SERIAL NUMBER -020107)	3401 - 26
3J9	OIL LINE, BLADE CYLINDER (LEFT)(SERIAL NUMBER 020108-)	3401 - 27A
3J5	OIL LINE, BLADE CYLINDER (RIGHT)(REPLACEMENT CYLINDER)	3401 - 25C
3J1	OIL LINE, BLADE CYLINDER (RIGHT)(SERIAL NUMBER -020107)	3401 - 24
3J3	OIL LINE, BLADE CYLINDER (RIGHT)(SERIAL NUMBER 020108-)	3401 - 25A
1H15	OIL LINES, TURBOCHARGER PE4045TP052(ESN.026650-)	0416A - 1
1H18	OIL LINES, TURBOCHARGER PE4045TP052(ESN.026650-)	0416A - 4
1E19	OIL LINES, TURBOCHARGER T04045TT054 (ESN. 704562-803026)	0416 - 1
1E22	OIL LINES, TURBOCHARGER T04045TT054(ESN.704562-803026)	0416 - 4
1G24	OIL PAN, ENGINE PE4045TP052 (ESN. 026650-)	0407A - 6
1E3	OIL PAN, ENGINE T04045TT054 (ESN. 704562-803026)	0407 - 4
2I3	OIL TANK	2160 - 22
3D5	OIL TANK PIPING, LOWER, TO CONTROL VALVE	3360 - 2
3G7	OIL TANK PIPINGS TO CONTROL VALVE	3360 - 76
3D5	OIL TANK PIPINGS TO OIL COOLER	3360 - 2
2I5	OIL TANK PIPINGS TO PUMP	2160 - 24
3G7	OIL TANK PIPINGS TO RELIEF VALVE	3360 - 76
3F9	OIL TANK PIPINGS TO SOLENOID VALVE	3360 - 54
1E1	OIL TUBES,ENGINE OIL FILTER HEADER T04045TT054(ESN.704562-803026)	0407 - 3
1K10	OILSCAN PLUS TEST KIT, FLUID ANALYSIS	1369 - 4
3H5	ONE/TWO WAY SOLENOID VALVE KIT, WITHOUT PRESSURE SWITCH	3360 - 104
2B8	OVERHEAT LIGHT	1674 - 4

P

1G24	PAN, ENGINE OIL PE4045TP052 (ESN. 026650-)	0407A - 6
1E3	PAN, ENGINE OIL T04045TT054 (ESN. 704562-803026)	0407 - 4
3H23	PATTERN SELECTOR CONTROL KIT	3360 - 120

ALPHABETICAL INDEX - CONTINUED

GRID		PAGE
3C19	PEDAL CONTROL, HYDRAULIC FOOT (2-WAY) (AUXILIARY)	3315 - 21A
3C17	PEDAL MOUNT, AUXILIARY CONTROL	3315 - 20
3C21	PEDAL MOUNT, AUXILIARY CONTROL	3315 - 22
3C7	PEDALS, PROPEL	3315 - 10
3H23	PILOT CONTROL LEVER LABEL	3360 - 120
3H1	PILOT DUAL CONTROL HANDLE	3360 - 102
3H3	PILOT DUAL CONTROL HANDLE	3360 - 103A
3C15	PILOT LOCK LEVER	3315 - 18
3F15	PILOT PIPINGS (CONTROL VALVE, CENTER JOINT, SWING DEVICE, SOLENOID VALVE)	3360 - 60
3F13	PILOT PIPINGS (CONTROL VALVE, HYDRAULIC PUMP)	3360 - 58
3G7	PILOT PIPINGS (CONTROL VALVE, OIL TANK)	3360 - 76
3F17	PILOT PIPINGS (CONTROL VALVE, SHOCKLESS VALVE)	3360 - 62
3F19	PILOT PIPINGS (CONTROL VALVE, SHOCKLESS VALVE)	3360 - 64
3F21	PILOT PIPINGS (CONTROL VALVE, TRAVEL PILOT VALVE)	3360 - 66
3G9	PILOT PIPINGS (LOCK VALVE, SHOCKLESS VALVE, SOLENOID VALVE, RELIEF VALVE)	3360 - 78
3F9	PILOT PIPINGS (OIL TANK, SOLENOID VALVE, PUMP, FILTER)	3360 - 54
3G3	PILOT PIPINGS (PILOT VALVE, LOCK VALVE, SHOCKLESS VALVE) (LEFT JOYSTICK)	3360 - 72
3G5	PILOT PIPINGS (PILOT VALVE, LOCK VALVE, SHOCKLESS VALVE) (RIGHT JOYSTICK)	3360 - 74
3F11	PILOT PIPINGS (SWING DEVICE, CONTROL VALVE, SOLENOID VALVE)	3360 - 56
3F23	PILOT PIPINGS (TRAVEL PILOT VALVE, LOCK VALVE)	3360 - 68
3C15	PILOT PIPINGS LOCK VALVE LOCATION	3315 - 18
3F5	PILOT PIPINGS RELIEF VALVE	3360 - 50
3F7	PILOT PIPINGS RELIEF VALVE COMPONENTS	3360 - 52
3I12	PILOT PIPINGS, BLADE	3401 - 10
3I14	PILOT PIPINGS, BLADE	3401 - 12
3I16	PILOT PIPINGS, BLADE	3401 - 14
3C19	PILOT SHUTOFF VALVE FITTINGS TO FOOT PEDAL CONTROL (PILOT SYSTEM)	3315 - 21A
3C19	PILOT SHUTOFF VALVE HOSE TO FOOT PEDAL CONTROL (PILOT SYSTEM)	3315 - 21A
3C19	PILOT SIGNAL MANIFOLD FITTINGS TO FOOT PEDAL CONTROL (PILOT SYSTEM)	3315 - 21A
3C19	PILOT SIGNAL MANIFOLD HOSE TO FOOT PEDAL CONTROL (PILOT SYSTEM)	3315 - 21A
3G3	PILOT VALVE PIPINGS TO LOCK VALVE (LEFT JOYSTICK)	3360 - 72
3G5	PILOT VALVE PIPINGS TO LOCK VALVE (RIGHT JOYSTICK)	3360 - 74
3G3	PILOT VALVE PIPINGS TO SHOCKLESS VALVE (LEFT JOYSTICK)	3360 - 72
3G5	PILOT VALVE PIPINGS TO SHOCKLESS VALVE (RIGHT JOYSTICK)	3360 - 74
3J15	PILOT VALVE, BLADE	3401 - 30
3I12	PILOT VALVE, BLADE VALVE PIPINGS	3401 - 10
3I14	PILOT VALVE, BLADE VALVE PIPINGS	3401 - 12
3I16	PILOT VALVE, BLADE VALVE PIPINGS	3401 - 14
3C1	PILOT VALVE, FRONT	3315 - 4
3C3	PILOT VALVE, FRONT, COMPONENTS	3315 - 6
3C9	PILOT VALVE, PROPEL	3315 - 12
3C11	PILOT VALVE, PROPEL, COMPONENTS	3315 - 14
3J19	PILOT VALVE, RIGHT CONSOLE BLADE CONTROL	3415 - 2
3C1	PILOT VALVE, SWING	3315 - 4
3C3	PILOT VALVE, SWING, COMPONENTS	3315 - 6
3C9	PILOT VALVE, TRAVEL	3315 - 12
3C11	PILOT VALVE, TRAVEL, COMPONENTS	3315 - 14
3B22	PIN-UP DATA, BUCKET	3302 - 14
1J19	PIPE, EXHAUST	0530 - 2
1J17	PIPING, AIR CLEANER	0520 - 4
3H21	PIPING, AUXILIARY HYDRAULIC	3360 - 118
3D19	PIPING, BOOM BOTTOM	3360 - 16
3D19	PIPING, BOOM BOTTOM TO CONTROL VALVE	3360 - 16
3D11	PIPING, BOOM CYLINDER TO CONTROL VALVE	3360 - 8
3D13	PIPING, BOOM TO CONTROL VALVE	3360 - 10
3H13	PIPING, BOOM, LOAD LOWERING VALVE	3360 - 110
3H15	PIPING, BOOM, LOAD LOWERING VALVE	3360 - 112
3H17	PIPING, BOOM, LOAD LOWERING VALVE	3360 - 114
3D17	PIPING, CENTER JOINT TO CONTROL VALVE	3360 - 14
3D9	PIPING, CENTER JOINT TO RETURN PIPINGS	3360 - 6
3F15	PIPING, CENTER JOINT TO SOLENOID VALVE	3360 - 60
1C20	PIPING, CENTER JOINT TO TRAVEL DEVICE	0260 - 20
3C17	PIPING, CONTROL VALVE TO AUXILIARY FOOT VALVE	3315 - 20
3C21	PIPING, CONTROL VALVE TO AUXILIARY FOOT VALVE	3315 - 22
3D13	PIPING, CONTROL VALVE TO BOOM	3360 - 10
3D19	PIPING, CONTROL VALVE TO BOOM BOTTOM	3360 - 16
3D11	PIPING, CONTROL VALVE TO BOOM CYLIDNER	3360 - 8
3D17	PIPING, CONTROL VALVE TO CENTER JOINT	3360 - 14
3D5	PIPING, CONTROL VALVE TO LOWER OIL TANK	3360 - 2
3D7	PIPING, CONTROL VALVE TO OIL COOLER	3360 - 4
3G7	PIPING, CONTROL VALVE TO OIL TANK	3360 - 76
3F13	PIPING, CONTROL VALVE TO PUMP	3360 - 58
2I7	PIPING, CONTROL VALVE TO REAR OF HYDRAULIC PUMP	2160 - 26
3F17	PIPING, CONTROL VALVE TO SHOCKLESS VALVE	3360 - 62
3F19	PIPING, CONTROL VALVE TO SHOCKLESS VALVE	3360 - 64
3F11	PIPING, CONTROL VALVE TO SOLENOID VALVE	3360 - 56
3F15	PIPING, CONTROL VALVE TO SOLENOID VALVE	3360 - 60
3F15	PIPING, CONTROL VALVE TO SWING DEVICE	3360 - 60
3D15	PIPING, CONTROL VALVE TO SWING MOTOR	3360 - 12
3D9	PIPING, CONTROL VALVE TO TOP OF SWING DEVICE	3360 - 6
3F21	PIPING, CONTROL VALVE TO TRAVEL PILOT VALVE	3360 - 66
2I7	PIPING, DELIVERY	2160 - 26
2F6	PIPING, ENGINE TO HEATER	1830 - 4
3G11	PIPING, FRONT	3360 - 80
1K1	PIPING, FUEL FILTER WATER SEPARATOR	0560 - 6
2F6	PIPING, HEATER TO ENGINE	1830 - 4
3F9	PIPING, HYDRAULIC PUMP TO OIL FILTER	3360 - 54
3G3	PIPING, LOCK VALVE TO PILOT VALVE (LEFT JOYSTICK)	3360 - 72
3G5	PIPING, LOCK VALVE TO PILOT VALVE (RIGHT JOYSTICK)	3360 - 74
3G9	PIPING, LOCK VALVE TO RELIEF VALVE	3360 - 78
3G9	PIPING, LOCK VALVE TO SHOCKLESS VALVE	3360 - 78
3G9	PIPING, LOCK VALVE TO SOLENOID VALVE	3360 - 78
3F23	PIPING, LOCK VALVE TO TRAVEL PILOT VALVE	3360 - 68
3D5	PIPING, LOWER OIL TANK TO CONTROL VALVE	3360 - 2
3G23	PIPING, LUBRICATE, LONG ARM	3360 - 100
3G21	PIPING, LUBRICATE, ON BOOM	3360 - 98
3D13	PIPING, MAIN	3360 - 10
3D17	PIPING, MAIN (CONTROL VALVE, CENTER JOINT)	3360 - 14
3D7	PIPING, OIL COOLER TO CONTROL VALVE	3360 - 4
3D5	PIPING, OIL COOLER TO OIL TANK	3360 - 2
3F9	PIPING, OIL FILTER TO HYDRAULIC PUMP	3360 - 54
3G7	PIPING, OIL TANK TO CONTROL VALVE	3360 - 76
3D5	PIPING, OIL TANK TO OIL COOLER	3360 - 2
2I5	PIPING, OIL TANK TO PUMP	2160 - 24
3G7	PIPING, OIL TANK TO RELIEF VALVE	3360 - 76
3F9	PIPING, OIL TANK TO SOLENOID VALVE	3360 - 54

ALPHABETICAL INDEX - CONTINUED

GRID		PAGE
3G7	PIPING, PILOT (CONTROL VALVE, OIL TANK)	3360 - 76
3G3	PIPING, PILOT VALVE TO LOCK VALVE (LEFT JOYSTICK)	3360 - 72
3G5	PIPING, PILOT VALVE TO LOCK VALVE (RIGHT JOYSTICK)	3360 - 74
3G3	PIPING, PILOT VALVE TO SHOCKLESS VALVE (LEFT JOYSTICK)	3360 - 72
3G5	PIPING, PILOT VALVE TO SHOCKLESS VALVE (RIGHT JOYSTICK)	3360 - 74
2I7	PIPING, PUMP REAR TO CONTROL VALVE	2160 - 26
3F13	PIPING, PUMP TO CONTROL VALVE	3360 - 58
2I5	PIPING, PUMP TO OIL TANK	2160 - 24
1J3	PIPING, RADIATOR TO THERMOSTAT HOUSING	0510 - 4
1J3	PIPING, RADIATOR TO WATER PUMP	0510 - 4
3G9	PIPING, RELIEF VALVE TO LOCK VALVE	3360 - 78
3G7	PIPING, RELIEF VALVE TO OIL TANK	3360 - 76
3G9	PIPING, RELIEF VALVE TO SHOCKLESS VALVE	3360 - 78
3D9	PIPING, RETURN TO CENTER JOINT	3360 - 6
3D9	PIPING, RETURN TO SWING DEVICE	3360 - 6
1C20	PIPING, ROTARY MANIFOLD TO TRAVEL DEVICE	0260 - 20
3F17	PIPING, SHOCKLESS VALVE TO CONTROL VALVE	3360 - 62
3F19	PIPING, SHOCKLESS VALVE TO CONTROL VALVE	3360 - 64
3G9	PIPING, SHOCKLESS VALVE TO LOCK VALVE	3360 - 78
3G3	PIPING, SHOCKLESS VALVE TO PILOT VALVE (LEFT JOYSTICK)	3360 - 72
3G5	PIPING, SHOCKLESS VALVE TO PILOT VALVE (RIGHT JOYSTICK)	3360 - 74
3G9	PIPING, SHOCKLESS VALVE TO RELIEF VALVE	3360 - 78
3F15	PIPING, SOLENOID VALVE TO CENTER JOINT	3360 - 60
3F11	PIPING, SOLENOID VALVE TO CONTROL VALVE	3360 - 56
3F15	PIPING, SOLENOID VALVE TO CONTROL VALVE	3360 - 60
3G9	PIPING, SOLENOID VALVE TO LOCK VALVE	3360 - 78
3F9	PIPING, SOLENOID VALVE TO OIL TANK	3360 - 54
3F11	PIPING, SOLENOID VALVE TO SWING DEVICE	3360 - 56
2I5	PIPING, SUCTION	2160 - 24
3F15	PIPING, SWING DEVICE TO CONTROL VALVE	3360 - 60
3D9	PIPING, SWING DEVICE TO RETURN PIPINGS	3360 - 6
3F11	PIPING, SWING DEVICE TO SOLENOID VALVE	3360 - 56
3D9	PIPING, SWING DEVICE TOP TO CONTROL VALVE	3360 - 6
3D15	PIPING, SWING MOTOR TO CONTROL VALVE	3360 - 12
1J3	PIPING, THERMOSTAT HOUSING TO RADIATOR	0510 - 4
1C20	PIPING, TRAVEL	0260 - 20
1C20	PIPING, TRAVEL DEVICE TO CENTER JOINT	0260 - 20
1C20	PIPING, TRAVEL DEVICE TO ROTARY MANIFOLD	0260 - 20
3F21	PIPING, TRAVEL PILOT VALVE TO CONTROL VALVE	3360 - 66
3F23	PIPING, TRAVEL PILOT VALVE TO LOCK VALVE	3360 - 68
1J3	PIPING, WATER PUMP TO RADIATOR	0510 - 4
1K1	PIPING, WATER SEPARATOR	0560 - 6
1J5	PIPING, WATER TANK	0510 - 6
3I18	PIPINGS, BLADE	3401 - 16
3I22	PIPINGS, BLADE	3401 - 20
3I24	PIPINGS, BLADE (RIGHT CONSOLE)	3401 - 22
3I8	PIPINGS, BLADE CONTROL VALVE	3401 - 6
3I6	PIPINGS, BLADE, CENTER JOINT	3401 - 4
3I4	PIPINGS, BLADE, RETURN	3401 - 2
3D9	PIPINGS, DRAIN	3360 - 6
3C23	PIPINGS, FOR STANDARD ARM	3340 - 2
3D1	PIPINGS, FRONT FOR LONG ARM	3340 - 4
3D15	PIPINGS, MAIN (CONTROL VALVE, SWING MOTOR)	3360 - 12
3D11	PIPINGS, MAIN, BOTTOM SIDE OF BOOM CYLINDER	3360 - 8
3F15	PIPINGS, PILOT (CONTROL VALVE, CENTER JOINT, SWING DEVICE, SOLENOID VALVE)	3360 - 60
3F13	PIPINGS, PILOT (CONTROL VALVE, HYDRAULIC PUMP)	3360 - 58
3F17	PIPINGS, PILOT (CONTROL VALVE, SHOCKLESS VALVE)	3360 - 62
3F19	PIPINGS, PILOT (CONTROL VALVE, SHOCKLESS VALVE)	3360 - 64
3F21	PIPINGS, PILOT (CONTROL VALVE, TRAVEL PILOT VALVE)	3360 - 66
3G9	PIPINGS, PILOT (LOCK VALVE, SHOCKLESS VALVE, SOLENOID VALVE, RELIEF VALVE)	3360 - 78
3F9	PIPINGS, PILOT (OIL TANK, SOLENOID VALVE, PUMP, FILTER)	3360 - 54
3G3	PIPINGS, PILOT (PILOT VALVE, LOCK VALVE, SHOCKLESS VALVE) (LEFT JOYSTICK)	3360 - 72
3G5	PIPINGS, PILOT (PILOT VALVE, LOCK VALVE, SHOCKLESS VALVE) (RIGHT JOYSTICK)	3360 - 74
3F11	PIPINGS, PILOT (SWING DEVICE, CONTROL VALVE, SOLENOID VALVE)	3360 - 56
3F23	PIPINGS, PILOT (TRAVEL PILOT VALVE, LOCK VALVE)	3360 - 68
3I12	PIPINGS, PILOT, BLADE	3401 - 10
3I14	PIPINGS, PILOT, BLADE	3401 - 12
3I16	PIPINGS, PILOT, BLADE	3401 - 14
3D7	PIPINGS, RETURN, CONTROL VALVE TO OIL COOLER	3360 - 4
3D5	PIPINGS, RETURN, OIL COOLER TO OIL TANK	3360 - 2
1G14	PISTON RINGS PE4045TP052 (ESN. 026650-)	0403A - 2
1D19	PISTON RINGS T04045TT054(ESN.704562-803026)	0403 - 2
1G14	PISTON, ENGINE PE4045TP052 (ESN. 026650-)	0403A - 2
1D19	PISTON, ENGINE T04045TT054(ESN.704562-803026)	0403 - 2
2E9	PLATE, CAB FLOOR	1810 - 32
1G11	PLUG, ENGINE OIL FILL PE4045TP052 (ESN. 026650-)	0402A - 4
1D16	PLUG, ENGINE OIL FILL T04045TT054 (ESN. 704562-803026)	0402 - 4
1J1	PLUG, RADIATOR	0510 - 2
3H21	PLUMBING, AUXILIARY HYDRAULIC	3360 - 118
2B8	PREHEAT INDICATOR LIGHT	1674 - 4
3F19	PRESSURE SENSOR, PUMP CONTROL	3360 - 64
1K1	PRIMARY FUEL FILTER	0560 - 6
1K3	PRIMARY FUEL FILTER ELEMENT	0560 - 8
1F7	PRIMARY FUEL FILTER ELEMENT T04045TT052 (S.N. -804732)	0420 - 4
1I3	PRIMARY FUEL FILTER ELEMENT T04045TT052 (S.N. -804732)	0420A - 4
1F7	PRIMARY FUEL FILTER SEDIMENT BOWL T04045TT052 (S.N. -804732)	0420 - 4
1I3	PRIMARY FUEL FILTER SEDIMENT BOWL T04045TT052 (S.N. -804732)	0420A - 4
1K3	PRIMARY FUEL FILTER SERVICE KITS	0560 - 8
1F7	PRIMARY FUEL FILTER SERVICE KITS T04045TT052 (S.N. -804732)	0420 - 4
1I3	PRIMARY FUEL FILTER SERVICE KITS T04045TT052 (S.N. -804732)	0420A - 4
2B24	PROPEL ALARM	1674 - 20
3C5	PROPEL CONTROL LEVER	3315 - 8
3C13	PROPEL LEVER DAMPER	3315 - 16
2B24	PROPEL MOTION ALARM SWITCH	1674 - 20
1C4	PROPEL MOTOR	0260 - 4
1C6	PROPEL MOTOR COMPONENTS	0260 - 6
1C22	PROPEL MOTOR COVER	0260 - 22

ALPHABETICAL INDEX - CONTINUED

GRID		PAGE
3C7	PROPEL PEDALS	3315 - 10
3C9	PROPEL PILOT VALVE	3315 - 12
3C11	PROPEL PILOT VALVE COMPONENTS	3315 - 14
3F17	PROPEL PRESSURE SWITCH	3360 - 62
1I14	PULLEY, ACCESSORY DRIVE PE4045TP052(ESN.026650-)	0429A - 8
1F20	PULLEY, ACCESSORY DRIVE T04045TT054 (ESN. 704562-803026)	0429 - 8
2B4	PULLEY, ALTERNATOR	1672 - 2
2B4	PULLEY, ALTERNATOR FAN	1672 - 2
1F20	PULLEY, CRANKSHAFT T04045TT054 (ESN. 704562-803026)	0429 - 8
1I11	PULLEY, CRANKSHAFT AUXILIARY DRIVE PE4045TP052(ESN.026650-)	0429A - 4
1F17	PULLEY, CRANKSHAFT AUXILIARY DRIVE T04045TT054 (ESN. 704562-803026)	0429 - 4
1I9	PULLEY, FAN DRIVE PE4045TP052(ESN.026650-)	0429A - 2
1F15	PULLEY, FAN DRIVE T04045TT054 (ESN. 704562-803026)	0429 - 2
1I12	PULLEY, IDLER PE4045TP052(ESN.026650-)	0429A - 6
1F18	PULLEY, IDLER, T04045TT054 (ESN. 704562-803026)	0429 - 6
1I9	PULLEY, TENSIONER, FAN PE4045TP052(ESN.026650-)	0429A - 2
1F15	PULLEY, TENSIONER, FAN T04045TT054 (ESN. 704562-803026)	0429 - 2
1H21	PULLEY, WATER PUMP PE4045TP052(ESN.026650-)	0417A - 3
1E25	PULLEY, WATER PUMP T04045TT054 (ESN. 704562-803026)	0417 - 3
1I14	PULLEY,CRANKSHAFT PE4045TP052(ESN.026650-)	0429A - 8
3F19	PUMP CONTROL PRESSURE SENSORS	3360 - 64
2H24	PUMP GEAR COMPONENTS, MAIN HYDRAULIC PUMP	2160 - 18
2I1	PUMP GEAR COMPONENTS, MAIN HYDRAULIC PUMP (BLADE)	2160 - 20
3F9	PUMP PIPINGS TO OIL FILTER	3360 - 54
2I5	PUMP PIPINGS TO OIL TANK	2160 - 24
2I7	PUMP REAR PIPINGS TO CONTROL VALVE	2160 - 26
2H12	PUMP, COUPLING	2160 - 6
2H14	PUMP, COUPLING (BLADE)	2160 - 8
1H1	PUMP, ENGINE OIL PE4045TP052 (ESN. 026650-)	0407A - 8
1E5	PUMP, ENGINE OIL T04045TT054(ESN.704562-803026)	0407 - 6
1E14	PUMP, FUEL INJECTION T04045TT054 (ESN. 704562-803026)	0413 - 2
1H10	PUMP, FUEL INJECTION (STANADYNE) PE4045TP052 (ESN. 026650-)	0413A - 2
1F10	PUMP, FUEL TRANSFER PE4045TP052 (ESN.026650-)	0421 - 3
1F9	PUMP, FUEL TRANSFER T04045TT054 (ESN. 704562-803026)	0421 - 2
2H8	PUMP, HYDRAULIC	2160 - 2
2H12	PUMP, HYDRAULIC, COMPONENTS	2160 - 6
2H14	PUMP, HYDRAULIC, COMPONENTS (BLADE)	2160 - 8
2H10	PUMP, HYDRAULIC, FOR USE WITH BLADE	2160 - 4
2H16	PUMP, HYDRAULIC, UNIT	2160 - 10
2H18	PUMP, HYDRAULIC, UNIT (BLADE)	2160 - 12
1H20	PUMP, WATER (ENG.SER.NO.900933-)	0417A - 2
1E23	PUMP, WATER T04045TT054 (ESN. 704562-803026)	0417 - 1
2E5	PUMP, WINDOW WASHER	1810 - 28
1H19	PUMP,WATER PE4045TP052(ESN.026650-900932)	0417A - 1
3I10	PUSH BLADE	3401 - 8
3I10	PUSH BLADE TO FRAME PINS AND BUSHINGS	3401 - 8
1F10	PUSH ROD, FUEL TRANSFER PUMP PE4045TP052 (ESN.026650-)	0421 - 3
1F9	PUSH ROD, FUEL TRANSFER PUMP T04045TT054 (ESN. 704562-803026)	0421 - 2
1G12	PUSH RODS PE4045TP052(ESN.026650-)	0402A - 5
1D17	PUSH RODS T04045TT054(ESN.704562-803026)	0402 - 5

R

1J1	RADIATOR	0510 - 2
1J3	RADIATOR PARTS	0510 - 4
1J3	RADIATOR PIPING TO THERMOSTAT HOUSING	0510 - 4
1J3	RADIATOR PIPING TO WATER PUMP	0510 - 4
2E11	RADIO	1810 - 34
2D8	RADIO ANTENNA	1810 - 6
2D8	RADIO SPEAKER	1810 - 6
2D8	RADIO SPEAKER WIRE HARNESS	1810 - 6
2F4	REAR TRAY (FOR UNITS WITH HEATER)	1830 - 2
2H2	REAR VIEW MIRROR, LEFT	2002 - 2
2G14	REAR VIEW MIRROR, RIGHT	1910 - 14
2H4	REAR VIEW MIRROR, RIGHT	2002 - 4
2E19	REAR WINDOW, SECONDARY EXIT	1810 - 42
2F17	RECIEVER, AIR CONDITIONING UNIT	1832 - 2
2H20	REGULATOR COMPONENTS	2160 - 14
2H16	REGULATOR, MAIN HYDRAULIC PUMP	2160 - 10
2H18	REGULATOR, MAIN HYDRAULIC PUMP (BLADE)	2160 - 12
2B4	REGULATOR, VOLTAGE ALTERNATOR	1672 - 2
2B16	RELAY, BATTERY	1674 - 12
3H1	RELAY, MODUAL FOR DUAL AUXILIARY CONTROL	3360 - 102
3H3	RELAY, MODUAL FOR DUAL AUXILIARY CONTROL	3360 - 103A
2B24	RELAY, MOTION ALARM	1674 - 20
2B16	RELAY, STARTER	1674 - 12
2B14	RELAYS	1674 - 10
3K7	RELIEF VALVE COMPONENTS	4360 - 12
3F7	RELIEF VALVE COMPONENTS, PILOT PIPINGS	3360 - 52
3G9	RELIEF VALVE PIPING TO SHOCKLESS VALVE	3360 - 78
3G9	RELIEF VALVE PIPINGS TO LOCK VALVE	3360 - 78
3G7	RELIEF VALVE PIPINGS TO OIL TANK	3360 - 76
3F5	RELIEF VALVE, PILOT PIPINGS	3360 - 50
1C10	RELIEF VALVE, PROPEL MOTOR BRAKE	0260 - 10
1G23	REPLACEMENT OIL FILTER HEADER KIT PE4045TP052 (ESN. 026650-)	0407A - 5
1E2	REPLACEMENT OIL FILTER HEADER KIT T04045TT054 (ESN. 704562-803026)	0407 - 3A
1D14	REPLACEMENT TIMING GEAR COVER T04045TT054(ESN.704562-803026)	0402 - 3A
1D14	REPLACEMENT TIMING GEAR COVER GASKET T04045TT054(ES.704562-803026)	0402 - 3A
1E24	REPLACEMENT WATER PUMP T04045TT054(ESN.704562-803026)	0417 - 2
1E24	REPLACEMENT WATER PUMP REPAIR KIT T04045TT054(ESN.704562-803026)	0417 - 2
3C21	REPLACEMENT, AUXILIARY FOOT CONTROL	3315 - 22
1J5	RESERVE WATER TANK	0510 - 6
2I3	RESERVOIR, HYDRAULIC OIL	2160 - 22
2F21	RETAINER, EVAPORATOR, AIR CONDITIONING UNIT	1832 - 6
2F3	RETRACTABLE SEAT BELT (76MM (3") WIDE	1821 - 8

ALPHABETICAL INDEX - CONTINUED

GRID		PAGE
3I4	RETURN BLADE PIPINGS	3401 - 2
3D9	RETURN PIPINGS TO CENTER JOINT	3360 - 6
3D9	RETURN PIPINGS TO SWING DEVICE	3360 - 6
3D7	RETURN PIPINGS, CONTROL VALVE TO OIL COOLER	3360 - 4
3D5	RETURN PIPINGS, OIL COOLER TO OIL TANK	3360 - 2
3G13	RIGHT BOOM CYLINDER COMPONENTS	3360 - 84
1I15	RING GEAR, FLYWHEEL PE4045TP052(ESN.026650-)	0433A - 1
1F21	RING GEAR, FLYWHEEL T04045TT054 (ESN. 704562-803026)	0433 - 1
1G14	RINGS, PISTON PE4045TP052 (ESN. 026650-)	0403A - 2
1D19	RINGS, PISTON T04045TT054(ESN.704562-803026)	0403 - 2
1G11	ROCKER ARM COVER PE4045TP052 (ESN. 026650-)	0402A - 4
1D16	ROCKER ARM COVER T04045TT054 (ESN. 704562-803026)	0402 - 4
1G11	ROCKER ARM COVER GASKET PE4045TP052 (ESN. 026650-)	0402A - 4
1D16	ROCKER ARM COVER GASKET T04045TT054 (ESN. 704562-803026)	0402 - 4
1G12	ROCKER ARM SHAFT PE4045TP052(ESN.026650-)	0402A - 5
1D17	ROCKER ARM SHAFT T04045TT054(ESN.704562-803026)	0402 - 5
1G12	ROCKER ARMS PE4045TP052(ESN.026650-)	0402A - 5
1D17	ROCKER ARMS T04045TT054(ESN.704562-803026)	0402 - 5
1G11	ROCKER COVER MEDALLION PE4045TP052 (ESN. 026650-)	0402A - 4
1D16	ROCKER COVER MEDALLION T04045TT054 (ESN. 704562-803026)	0402 - 4
3J11	ROD, BLADE CYLINDER (LEFT)(REPLACEMENT CYLINDER)	3401 - 27C
3J7	ROD, BLADE CYLINDER (LEFT)(SERIAL NUMBER -020107)	3401 - 26
3J9	ROD, BLADE CYLINDER (LEFT)(SERIAL NUMBER 020108-)	3401 - 27A
3J5	ROD, BLADE CYLINDER (RIGHT)(REPLACEMENT CYLINDER)	3401 - 25C
3J1	ROD, BLADE CYLINDER (RIGHT)(SERIAL NUMBER -020107)	3401 - 24
3J3	ROD, BLADE CYLINDER (RIGHT)(SERIAL NUMBER 020108-)	3401 - 25A
1G14	ROD, CONNECTING PE4045TP052 (ESN. 026650-)	0403A - 2
1D19	ROD, CONNECTING T04045TT054(ESN.704562-803026)	0403 - 2
1G12	RODS, PUSH PE4045TP052(ESN.026650-)	0402A - 5
1D17	RODS, PUSH T04045TT054(ESN.704562-803026)	0402 - 5
1B15	ROLLER COMPONENTS, TRACK CARRIER	0130 - 14
1B15	ROLLER MOUNTING, TRACK CARRIER	0130 - 14
1B19	ROLLER SUPPORT, LOWER	0130 - 18
1B17	ROLLER, LOWER	0130 - 16
1B15	ROLLER, UPPPER	0130 - 14
3K1	ROTARY GROUP	4360 - 6
1C14	ROTARY MANIFOLD	0260 - 14
1C2	ROTARY MANIFOLD ATTACHMENTS	0260 - 2
1C16	ROTARY MANIFOLD FOR USE WITH BLADE	0260 - 16
1C20	ROTARY MANIFOLD PIPINGS TO TRAVEL DEVICE	0260 - 20
1C18	ROTARY MANIFOLD SUPPORT	0260 - 18
2G14	RUBBER STRIP, TOOL BOX	1910 - 14
2H4	RUBBER STRIP, TOOL BOX	2002 - 4

S

1J15	SCREEN, AIR CLEANER	0520 - 2
3G13	SEAL KIT FOR RIGHT BOOM CYLINDER	3360 - 84
3G17	SEAL KIT, ARM CYLINDER	3360 - 92
3J11	SEAL KIT, BLADE CYLINDER (LEFT)(REPLACEMENT CYLINDER)	3401 - 27C
3J7	SEAL KIT, BLADE CYLINDER (LEFT)(SERIAL NUMBER -020107)	3401 - 26
3J9	SEAL KIT, BLADE CYLINDER (LEFT)(SERIAL NUMBER 020108-)	3401 - 27A
3J5	SEAL KIT, BLADE CYLINDER (RIGHT)(REPLACEMENT CYLINDER)	3401 - 25C
3J1	SEAL KIT, BLADE CYLINDER (RIGHT)(SERIAL NUMBER -020107)	3401 - 24
3J3	SEAL KIT, BLADE CYLINDER (RIGHT)(SERIAL NUMBER 020108-)	3401 - 25A
3G19	SEAL KIT, BUCKET CYLINDER	3360 - 96
3G15	SEAL KIT, LEFT BOOM CYLINDER	3360 - 88
2H24	SEAL KIT, MAIN HYDRAULIC PUMP GEAR	2160 - 18
2I1	SEAL KIT, MAIN HYDRAULIC PUMP GEAR (BLADE)	2160 - 20
2E21	SEAT	1821 - 2
2F1	SEAT BELT	1821 - 6
2F3	SEAT BELT, RETRACTABLE (76MM (3") WIDE	1821 - 8
2E21	SEAT HEIGHT ADJUSTER ASSEMBLY	1821 - 2
2E23	SEAT SLIDER ADJUSTER	1821 - 4
2E23	SEAT STAND	1821 - 4
2E21	SEAT SUSPENSION	1821 - 2
2E19	SECONDARY EXIT WINDOW KIT	1810 - 42
1K1	SECONDARY FUEL FILTER LINE TO PRIMARY FUEL FILTER	0560 - 6
1F7	SEDIMENT BOWL, PRIMARY FUEL FILTER T04045TT052 (S.N. -804732)	0420 - 4
1I3	SEDIMENT BOWL, PRIMARY FUEL FILTER T04045TT052 (S.N. -804732)	0420A - 4
1D7	SENSOR, ENGINE COOLANT LEVEL (S.N. -020009)	0400 - 2
1D9	SENSOR, ENGINE COOLANT LEVEL (S.N. 020010-)	0400 - 4
1G24	SENSOR, ENGINE OIL LEVEL PE4045TP052 (ESN. 026650-)	0407A - 6
1E3	SENSOR, ENGINE OIL LEVEL T04045TT054 (ESN. 704562-803026)	0407 - 4
3F19	SENSOR, PRESSURE, PUMP CONTROL	3360 - 64
1D7	SENSOR, THERMOSTAT HOUSING TEMPERATURE (S.N. -020009)	0400 - 2
1D9	SENSOR, THERMOSTAT HOUSING TEMPERATURE (S.N. 020010-)	0400 - 4
2G16	SERVICE DOOR LOCKS	1910 - 16
3K3	SHAFT PART	4360 - 8
1H13	SHAFT, ENGINE BALANCER PE4045TP052(ESN.026650-)	0415A - 2
1E17	SHAFT, ENGINE BALANCER T04045TT054 (ESN. 704562-803026)	0415 - 2
1G12	SHAFT, ROCKER ARM PE4045TP052(ESN.026650-)	0402A - 5
1D17	SHAFT, ROCKER ARM T04045TT054(ESN.704562-803026)	0402 - 5
3B20	SHANK, BUCKET TOOTH	3302 - 12
3B16	SHANK, DITCH CLEANING BUCKET	3302 - 8
2G4	SHIELDS, SIDE	1910 - 4
3F1	SHOCKLESS VALVE	3360 - 46
3G9	SHOCKLESS VALVE PIPING TO RELIEF VALVE	3360 - 78

ALPHABETICAL INDEX - CONTINUED

GRID		PAGE
3F17	SHOCKLESS VALVE PIPINGS TO CONTROL VALVE..	3360 - 62
3F19	SHOCKLESS VALVE PIPINGS TO CONTROL VALVE..	3360 - 64
3G9	SHOCKLESS VALVE PIPINGS TO LOCK VALVE	3360 - 78
3G3	SHOCKLESS VALVE PIPINGS TO PILOT VALVE (LEFT JOYSTICK)	3360 - 72
3G5	SHOCKLESS VALVE PIPINGS TO PILOT VALVE (RIGHT JOYSTICK)	3360 - 74
1B21	SHOE, TRACK (S/N XXXXXX-XXXXXX) (170/167MM LONG PINS)	0130 - 20
1B23	SHOE, TRACK (175/172MM LONG PINS) (M SEAL) (S/N XXXXXX-)	0130 - 22
1G18	SHORT BLOCK,ENGINE (ENG. SER. NO. 026650-)	0404A - 4
1D23	SHORT BLOCK,ENGINE (ENG. SER. NO. 704562-803026)	0404 - 4
3J17	SHUTTLE VALVE, BLADE	3401 - 32
3B10	SIDE CUTTERS, GENERAL PURPOSE BUCKET.....	3302 - 2
3B12	SIDE CUTTERS, GENERAL PURPOSE BUCKET.....	3302 - 4
3B14	SIDE CUTTERS, HEAVY DUTY BUCKET	3302 - 6
2G4	SIDE SHIELDS.....	1910 - 4
2E23	SLIDER, SEAT	1821 - 4
3H7	SOLENOID CONTROL WITH FLOW CONTROL KIT (1-WAY)	3360 - 106
3E21	SOLENOID VALVE	3360 - 42
3E23	SOLENOID VALVE COMPONENTS	3360 - 44
3H1	SOLENOID VALVE DUAL CONTROL HARNESS	3360 - 102
3H3	SOLENOID VALVE DUAL CONTROL HARNESS	3360 - 103A
3H5	SOLENOID VALVE KIT, 1WAY/2WAY, WITHOUT PRESSURE SWITCH	3360 - 104
3F15	SOLENOID VALVE PIPING TO CENTER JOINT	3360 - 60
3F11	SOLENOID VALVE PIPINGS TO CONTROL VALVE	3360 - 56
3F15	SOLENOID VALVE PIPINGS TO CONTROL VALVE	3360 - 60
3G9	SOLENOID VALVE PIPINGS TO LOCK VALVE	3360 - 78
3F9	SOLENOID VALVE PIPINGS TO OIL TANK	3360 - 54
3F11	SOLENOID VALVE PIPINGS TO SWING DEVICE	3360 - 56
3H23	SOLENOID VALVE, CONTROL PATTERN SELECTOR KIT	3360 - 120
2F19	SPEAKER TRIM, AIR CONDITIONING UNIT.....	1832 - 4
2D8	SPEAKER, RADIO	1810 - 6
1J13	SPEED CONTROL.....	0515 - 8
1B9	SPRING, ADJUSTER (S.N. -020007).....	0130 - 8
1B11	SPRING, ADJUSTER (S.N. 020008-020174)	0130 - 10
2E13	STAND, CONSOLE	1810 - 36
2E23	STAND, SEAT	1821 - 4
3C23	STANDARD ARM 2.26M	3340 - 2
2B10	START SWITCH.....	1674 - 6
1I5	STARTER MOTOR PE4045TP052(ESN.026650-)	0422A - 2
1F11	STARTER MOTOR T04045TT054 (ESN. 704562-803026)	0422 - 2
1I5	STARTER MOTOR CLUTCH DRIVE PE4045TP052(ESN.026650-)	0422A - 2
1F11	STARTER MOTOR CLUTCH DRIVE T04045TT054 (ESN. 704562-803026)	0422 - 2
1I5	STARTER MOTOR SWITCH PE4045TP052(ESN.026650-)	0422A - 2
1F11	STARTER MOTOR SWITCH T04045TT054 (ESN. 704562-803026)	0422 - 2
2B16	STARTER RELAY	1674 - 12
2B12	STARTER SWITCH WIRE HARNESS	1674 - 8
2B16	STARTER WIRE HARNESS	1674 - 12
2B20	STARTER WIRE HARNESS	1674 - 16
1I23	STARTING AID, COLD WEATHER.....	0505 - 4
1J3	STAY, RADIATOR	0510 - 4
2I5	SUCTION PIPINGS	2160 - 24
1I23	SUPPORT, COLD WEATHER STARTING AID	0505 - 4
1F15	SUPPORT, FAN DRIVE T04045TT054 (ESN. 704562-803026)	0429 - 2
1I9	SUPPORT,FAN DRIVE PE4045TP052(ESN.026650-)	0429A - 2
2C20	SWING BEARING	1740 - 6
2C22	SWING BEARING GREASE COVER	1740 - 8
3J22	SWING DEVICE COMPONENTS	4360 - 2
3J24	SWING DEVICE MOTOR COMPONENTS.....	4360 - 4
3F15	SWING DEVICE PIPINGS TO CONTROL VALVE.....	3360 - 60
3D9	SWING DEVICE PIPINGS TO RETURN PIPINGS	3360 - 6
3F11	SWING DEVICE PIPINGS TO SOLENOID VALVE	3360 - 56
3K11	SWING DEVICE SUPPORT	4360 - 16
3D9	SWING DEVICE TOP PIPINGS TO CONTROL VALVE	3360 - 6
3D15	SWING MOTOR PIPINGS TO CONTROL VALVE.....	3360 - 12
3C1	SWING PILOT VALVE.....	3315 - 4
3C3	SWING PILOT VALVE COMPONENTS	3315 - 6
3F1	SWITCH, ARM IN PRESSURE	3360 - 46
3F1	SWITCH, BOOM UP PRESSURE.....	3360 - 46
3F17	SWITCH, DIG PRESSURE	3360 - 62
1J11	SWITCH, ENGINE CONTROLLER	0515 - 6
1D7	SWITCH, ENGINE COOLANT LEVEL (S.N. -020009)	0400 - 2
1D9	SWITCH, ENGINE COOLANT LEVEL (S.N. 020010-).....	0400 - 4
1H6	SWITCH, ENGINE COOLANT TEMPERATURE PE4045TP052(ESN.026650-)	0409A - 2
1E10	SWITCH, ENGINE COOLANT TEMPERATURE T04045TT054 (ESN. 704562-803026)	0409 - 2
1G16	SWITCH, ENGINE OIL PRESSURE PE4045TP052 (ESN. 026650-)	0404A - 2
1D21	SWITCH, ENGINE OIL PRESSURE T04045TT054 (ESN. 704562-803026)	0404 - 2
1D7	SWITCH, ENGINE TEMPERATURE (S.N. -020009)	0400 - 2
1D9	SWITCH, ENGINE TEMPERATURE (S.N. 020010-).....	0400 - 4
3H9	SWITCH, FOOT, AUXILIARY ELECTRIC	3360 - 108
3H11	SWITCH, FOOT, AUXILIARY ELECTRIC	3360 - 109A
3B23	SWITCH, HORN.....	3315 - 2
2B24	SWITCH, MOTION ALARM	1674 - 20
2B24	SWITCH, PROPEL MOTION ALARM	1674 - 20
3F17	SWITCH, PROPEL PRESSURE	3360 - 62
1F11	SWITCH, STARTER MOTOR T04045TT054 (ESN. 704562-803026)	0422 - 2
2F14	SWITCH, TOGGLE, AIR CIRCULATING FAN	1830 - 12
2F14	SWITCH, TOGGLE, DEFROSTER FAN	1830 - 12
2B8	SWITCH, TRAVEL MODE	1674 - 4
2B24	SWITCH, TRAVEL MOTION ALARM	1674 - 20
2B8	SWITCH, WIPER	1674 - 4
2B8	SWITCH, WORK LIGHT	1674 - 4
1J21	SWITCH,FUEL GAUGE SENDING	0560 - 2
1I5	SWITCH,STARTER MOTOR PE4045TP052(ESN.026650-)	0422A - 2
2B8	SWITCHBOARD.....	1674 - 4
1E14	SYSTEM, FUEL INJECTION T04045TT054 (ESN. 704562-803026)	0413 - 2
1H10	SYSTEM, FUEL INJECTION (STANADYNE) PE4045TP052 (ESN. 026650-)	0413A - 2

T

1J21	TANK, FUEL.....	0560 - 2
1J23	TANK, FUEL, SUPPORT.....	0560 - 4
2I3	TANK, OIL	2160 - 22
1J5	TANK, RESERVE.....	0510 - 6

ALPHABETICAL INDEX - CONTINUED

GRID		PAGE
1J5	TANK, WATER	0510 - 6
2E5	TANK, WINDOW WASHER	1810 - 28
3B20	TEETH, BUCKET	3302 - 12
3B16	TEETH, DITCH CLEANING BUCKET	3302 - 8
3B18	TEETH, ESCO	3302 - 10
1D7	TEMPERATURE SWITCH, ENGINE (S.N. -020009)	0400 - 2
1D9	TEMPERATURE SWITCH, ENGINE (S.N. 020010-)	0400 - 4
1I9	TENSIONER, FAN BELT IDLER PE4045TP052(ESN.026650-)	0429A - 2
1F15	TENSIONER, FAN BELT IDLER T04045TT054 (ESN. 704562-803026)	0429 - 2
2C9	TERMINALS, WEATHERPACK	1674 - 30
1K12	TEST KIT, FLUID ANALYSIS PRODUCTS (COOLSCAN)	1369 - 6
1K13	TEST KIT, FLUID ANALYSIS PRODUCTS (DIESELSCAN)	1369 - 7
1K10	TEST KIT, FLUID ANALYSIS PRODUCTS (OILSCAN)	1369 - 4
1H22	THERMOSTAT PE4045TP052(ESN.026650-)	0418A - 2
1F1	THERMOSTAT T04045TT054 (ESN. 704562-803026)	0418 - 2
1H22	THERMOSTAT COVER PE4045TP052(ESN.026650-)	0418A - 2
1F1	THERMOSTAT COVER T04045TT054 (ESN. 704562-803026)	0418 - 2
1H22	THERMOSTAT HOUSING PE4045TP052(ESN.026650-)	0418A - 2
1F1	THERMOSTAT HOUSING T04045TT054 (ESN. 704562-803026)	0418 - 2
1J3	THERMOSTAT HOUSING PIPING TO RADIATOR	0510 - 4
1J13	THROTTLE CONTROL	0515 - 8
2F17	THX VALVE, AIR CONDITIONING UNIT	1832 - 2
3K9	TIMER VALVE COMPONENTS	4360 - 14
1G9	TIMING GEAR COVER (ENG. SER. NO. 900933-)	0402A - 3A
1G7	TIMING GEAR COVER PE4045TP052(ESN.026650-900932)	0402A - 2
1D12	TIMING GEAR COVER T04045TT054 (ESN.704562-803026)	0402 - 2
1G9	TIMING GEAR COVER GASKET (ENG.SER.NO.900933-)	0402A - 3A
1G7	TIMING GEAR COVER GASKET PE4045TP052(ESN.026650-900932)	0402A - 2
1D12	TIMING GEAR COVER GASKET T04045TT054 (ESN. 704562-803026)	0402 - 2
2F14	TOGGLE SWITCH, AIR CIRCULATING FAN	1830 - 12
2F14	TOGGLE SWITCH, DEFROSTER FAN	1830 - 12
2G14	TOOL BOX	1910 - 14
2H4	TOOL BOX	2002 - 4
2G14	TOOL BOX COVER	1910 - 14
2H4	TOOL BOX COVER	2002 - 4
3B20	TOOTH ASSEMBLY	3302 - 12
3B16	TOOTH, DITCH CLEANING BUCKET	3302 - 8
3B18	TOOTH, ESCO	3302 - 10
1B13	TRACK ADJUSTER (SERIAL NO. 020175-)	0130 - 12
1B9	TRACK ADJUSTER (S.N. -020007)	0130 - 8
1B11	TRACK ADJUSTER (S.N. 020008-020174)	0130 - 10
1B15	TRACK CARRIER ROLLER COMPONENTS	0130 - 14
1B15	TRACK CARRIER ROLLER MOUNTING	0130 - 14
1B3	TRACK FRAME	0130 - 2
3I10	TRACK FRAME BLADE	3401 - 8
3I10	TRACK FRAME BLADE PINS	3401 - 8
1B5	TRACK FRAME FOR USE WITH BLADE	0130 - 4
1B21	TRACK LINK (S/N XXXXXX-XXXXXX) (170/167MM LONG PINS)	0130 - 20
1B23	TRACK LINK (175/172MM LONG PINS)(M SEAL) (S/N XXXXXX-)	0130 - 22
1B21	TRACK SHOE (S/N XXXXXX-XXXXXX) (170/167MM LONG PINS)	0130 - 20
1B23	TRACK SHOE (175/172MM LONG PINS)(M SEAL) (S/N XXXXXX-)	0130 - 22
3C5	TRAVEL CONTROL LEVER	3315 - 8
1C4	TRAVEL DEVICE	0260 - 4
1C6	TRAVEL DEVICE COMPONENTS	0260 - 6
1C20	TRAVEL DEVICE PIPINGS TO CENTER JOINT	0260 - 20
1C20	TRAVEL DEVICE PIPINGS TO ROTARY MANIFOLD	0260 - 20
1C12	TRAVEL DEVICE SUPPORT	0260 - 12
3C13	TRAVEL LEVER DAMPER	3315 - 16
2B8	TRAVEL MODE SWITCH	1674 - 4
2B24	TRAVEL MOTION ALARM	1674 - 20
2B24	TRAVEL MOTION ALARM SWITCH	1674 - 20
1C4	TRAVEL MOTOR	0260 - 4
1C6	TRAVEL MOTOR COMPONENTS	0260 - 6
1C22	TRAVEL MOTOR COVER	0260 - 22
3C9	TRAVEL PILOT VALVE	3315 - 12
3C11	TRAVEL PILOT VALVE COMPONENTS	3315 - 14
3F21	TRAVEL PILOT VALVE PIPINGS TO CONTROL VALVE	3360 - 66
3F23	TRAVEL PILOT VALVE PIPINGS TO LOCK VALVE	3360 - 68
1C20	TRAVEL PIPINGS	0260 - 20
2F4	TRAY, REAR (FOR UNITS WITH HEATER)	1830 - 2
2F19	TRAY, TRIM, AIR CONDITIONING UNIT	1832 - 4
1E7	TUBE, ENGINE OIL DIPSTICK T04045TT054 (ESN. 704562-803026)	0407 - 8
1H3	TUBE,ENGINE OIL DIPSTICK PE4045TP052(ESN.026650-)	0407A - 10
1H16	TURBOCHARGER	0416A - 2
1E20	TURBOCHARGER T04045TT054 (ESN. 704562-803026)	0416 - 2
1H16	TURBOCHARGER CENTER HOUSING	0416A - 2
1E20	TURBOCHARGER CENTER HOUSING T04045TT054 (ESN. 704562-803026)	0416 - 2
1H15	TURBOCHARGER OIL LINES PE4045TP052(ESN.026650-)	0416A - 1
1H18	TURBOCHARGER OIL LINES PE4045TP052(ESN.026650-)	0416A - 4
1E19	TURBOCHARGER OIL LINES T04045TT054 (ESN. 704562-803026)	0416 - 1
1E22	TURBOCHARGER OIL LINES T04045TT054(ESN.704562-803026)	0416 - 4
1H16	TURBOCHERGER GASGET	0416A - 2
1E20	TURBOCHERGER GASGET T04045TT054 (ESN. 704562-803026)	0416 - 2

U

2G18	UNDER COVER	1910 - 18
1B15	UPPER ROLLER	0130 - 14

V

3H5	VALVE KIT,SOLENOID, 1WAY/2WAY, WITHOUT PRESSURE SWITCH	3360 - 104
1C8	VALVE, BRAKE, COMPONENTS	0260 - 8
3D21	VALVE, CONTROL	3360 - 18
3D23	VALVE, CONTROL	3360 - 20
3E1	VALVE, CONTROL	3360 - 22
3E3	VALVE, CONTROL	3360 - 24

ALPHABETICAL INDEX - CONTINUED

GRID		PAGE
3E5	VALVE, CONTROL	3360 - 26
3E7	VALVE, CONTROL	3360 - 28
3E9	VALVE, CONTROL	3360 - 30
3E11	VALVE, CONTROL	3360 - 32
3E13	VALVE, CONTROL	3360 - 34
3E15	VALVE, CONTROL	3360 - 36
3E17	VALVE, CONTROL	3360 - 38
3E19	VALVE, CONTROL, SUPPORT	3360 - 40
1G16	VALVE, ENGINE OIL BY-PASS PE4045TP052 (ESN. 026650-)	0404A - 2
1D21	VALVE, ENGINE OIL BY-PASS T04045TT054 (ESN. 704562-803026)	0404 - 2
1G16	VALVE, ENGINE OIL PRESSURE REGULATING (ENG. SER. NO. 889025-)	0404A - 2
1D12	VALVE, ENGINE OIL PRESSURE REGULATING T04045TT054 (ESN. 704562-803026)	0402 - 2
1G7	VALVE, ENGINE OIL PRESSURE RELIEF PE4045TP052(ESN.026650-889024)	0402A - 2
1I23	VALVE, ETHER	0505 - 4
1H6	VALVE, EXHAUST PE4045TP052 (ESN. 026650-)	0409A - 2
1E10	VALVE, EXHAUST T04045TT054 (ESN. 704562-803026)	0409 - 2
3F3	VALVE, FLOW CONTROL	3360 - 48
3C17	VALVE, FOOT, AUXILIARY CONTROL	3315 - 20
3C21	VALVE, FOOT, AUXILIARY CONTROL	3315 - 22
3H19	VALVE, HOLDING, COMPONENTS	3360 - 116
1H6	VALVE, INTAKE PE4045TP052 (ESN. 026650-)	0409A - 2
1E10	VALVE, INTAKE T04045TT054 (ESN. 704562-803026)	0409 - 2
3H13	VALVE, LOAD LOWERING, BOOM PIPINGS	3360 - 110
3H15	VALVE, LOAD LOWERING, BOOM PIPINGS	3360 - 112
3H17	VALVE, LOAD LOWERING, BOOM PIPINGS	3360 - 114
3G1	VALVE, LOCK, COMPONENTS	3360 - 70
3J15	VALVE, PILOT, BLADE	3401 - 30
3I12	VALVE, PILOT, BLADE VALVE PIPINGS	3401 - 10
3I14	VALVE, PILOT, BLADE VALVE PIPINGS	3401 - 12
3I16	VALVE, PILOT, BLADE VALVE PIPINGS	3401 - 14
3C1	VALVE, PILOT, FRONT	3315 - 4
3C3	VALVE, PILOT, FRONT, COMPONENTS	3315 - 6
3C9	VALVE, PILOT, PROPEL	3315 - 12
3C11	VALVE, PILOT, PROPEL, COMPONENTS	3315 - 14
3J19	VALVE, PILOT, RIGHT CONSOLE BLADE CONTROL	3415 - 2
3C1	VALVE, PILOT, SWING	3315 - 4
3C3	VALVE, PILOT, SWING, COMPONENTS	3315 - 6
3C9	VALVE, PILOT, TRAVEL	3315 - 12
3C11	VALVE, PILOT, TRAVEL, COMPONENTS	3315 - 14
3K7	VALVE, RELIEF, COMPONENTS	4360 - 12
3F7	VALVE, RELIEF, COMPONENTS, PILOT PIPINGS	3360 - 52
3F5	VALVE, RELIEF, PILOT PIPINGS	3360 - 50
1C10	VALVE, RELIEF, PROPEL MOTOR BRAKE	0260 - 10
3F1	VALVE, SHOCKLESS	3360 - 46
3J17	VALVE, SHUTTLE, BLADE	3401 - 32
3E21	VALVE, SOLENOID	3360 - 42
3H23	VALVE, SOLENOID (CONTROL PATTERN SELECTOR KIT)	3360 - 120
3E23	VALVE, SOLENOID, COMPONENTS	3360 - 44
2F17	VALVE, THX, AIR CONDITIONING UNIT	1832 - 2
3K9	VALVE, TIMER, COMPONENTS	4360 - 14
2G20	VANDAL PROTECTION	1910 - 20
1H4	VENTILATING SYSTEM, ENGINE PE4045TP052 (ESN. 026650-)	0408A - 2
1E8	VENTILATING SYSTEM, ENGINE T04045TT054 (ESN. 704562-803026)	0408 - 2
2B4	VOLTAGE REGULATOR, ALTERNATOR	1672 - 2

W

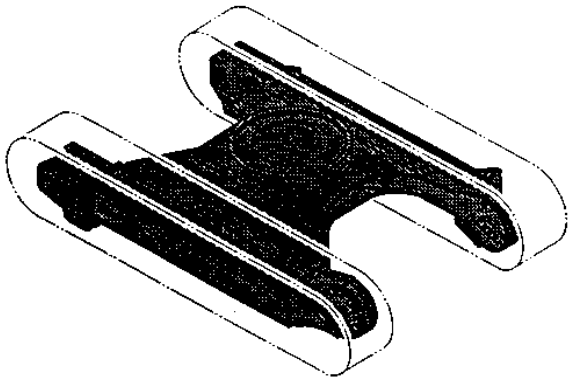
2B8	WARM UP COMPLETE INDICATOR	1674 - 4
1H20	WATER PUMP (ENG.SER.NO.900933-)	0417A - 2
1H19	WATER PUMP PE4045TP052(ESN.026650-900932)	0417A - 1
1E23	WATER PUMP T04045TT054 (ESN. 704562-803026)	0417 - 1
1H20	WATER PUMP IMPELLER (ENG.SER.NO.900933-)	0417A - 2
1H19	WATER PUMP IMPELLER PE4045TP052(ESN.026650-900932)	0417A - 1
1E23	WATER PUMP IMPELLER T04045TT054 (ESN. 704562-803026)	0417 - 1
1H21	WATER PUMP INLET PE4045TP052(ESN.026650-)	0417A - 3
1E25	WATER PUMP INLET T04045TT054 (ESN. 704562-803026)	0417 - 3
1J3	WATER PUMP PIPING TO RADIATOR	0510 - 4
1H21	WATER PUMP PULLEY PE4045TP052(ESN.026650-)	0417A - 3
1E25	WATER PUMP PULLEY T04045TT054 (ESN. 704562-803026)	0417 - 3
1H20	WATER PUMP REPAIR KIT (ENG.SER.NO.900933-)	0417A - 2
1H19	WATER PUMP REPAIR KIT PE4045TP052(ESN.026650-900932)	0417A - 1
1E24	WATER PUMP,REPLACEMENT T04045TT054(ESN.704562-803026)	0417 - 2
1K1	WATER SEPARATOR BRACKET	0560 - 6
1K1	WATER SEPARATOR HOSE	0560 - 6
1K1	WATER SEPERATOR,FUEL FILTER	0560 - 6
1J5	WATER TANK	0510 - 6
3B16	WEAR BAR, DITCH CLEANING BUCKET	3302 - 8
3B10	WEAR BARS, GENERAL PURPOSE BUCKET	3302 - 2
3B12	WEAR BARS, GENERAL PURPOSE BUCKET	3302 - 4
3B14	WEAR BARS, HEAVY DUTY BUCKET	3302 - 6
2C9	WEATHERPACK TERMINALS AND CONNECTORS	1674 - 30
2D12	WEATHERSTRIP, CAB DOOR	1810 - 10
2D14	WEATHERSTRIP, CAB DOOR	1810 - 12
2D16	WEATHERSTRIP, CAB FRONT	1810 - 14
2D18	WEATHERSTRIP, CAB FRONT	1810 - 16
2D10	WEATHERSTRIP, CAB REAR AND LEFT SIDE	1810 - 8
2D22	WEATHERSTRIP, CAB TOP HATCH	1810 - 20
2G12	WEATHERSTRIP, FRONT SIDE SERVICE DOOR	1910 - 12
2G14	WEATHERSTRIP, TOOL BOX	1910 - 14
2H4	WEATHERSTRIP, TOOL BOX	2002 - 4
2D20	WINDOW GUARD	1810 - 18
2G20	WINDOW GUARDS	1910 - 20
2E5	WINDOW WASHER	1810 - 28
2D12	WINDOW, CAB DOOR	1810 - 10
2D14	WINDOW, CAB DOOR	1810 - 12
2D16	WINDOW, CAB FRONT	1810 - 14
2D18	WINDOW, CAB FRONT	1810 - 16
2D10	WINDOW, CAB REAR AND LEFT SIDE	1810 - 8
2D20	WINDOW, CAB RIGHT SIDE	1810 - 18
2E19	WINDOW, REAR, SECONDARY EXIT	1810 - 42
2E5	WINDSHIELD WASHER	1810 - 28
2D8	WINDSHIELD WASHER HOSE	1810 - 6
2D8	WINDSHIELD WASHER NOZZLE	1810 - 6
2D8	WINDSHIELD WIPER	1810 - 6
2B8	WIPER SWITCH	1674 - 4
2D8	WIPER, WINDSHIELD	1810 - 6
2B16	WIRE HARNESS, BATTERY	1674 - 12
2B18	WIRE HARNESS, BOOM LIGHT	1674 - 14
2B12	WIRE HARNESS, CAB	1674 - 8

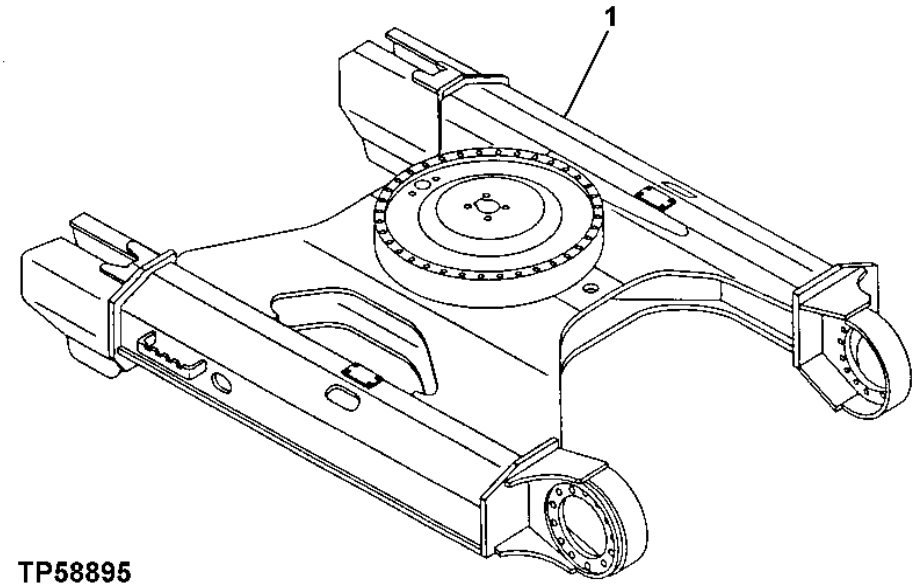
ALPHABETICAL INDEX - CONTINUED

GRID		PAGE
2B12	WIRE HARNESS, CAB EXTENSION	1674 - 8
2D8	WIRE HARNESS, DOME LIGHT	1810 - 6
3H9	WIRE HARNESS, FOOT SWITCH	3360 - 108
3H11	WIRE HARNESS, FOOT SWITCH	3360 - 109A
2B16	WIRE HARNESS, GROUND STRAP	1674 - 12
2B22	WIRE HARNESS, HORN	1674 - 18
2B12	WIRE HARNESS, IGNITION	1674 - 8
2B20	WIRE HARNESS, MAIN	1674 - 16
2B24	WIRE HARNESS, MOTION ALARM	1674 - 20
2B24	WIRE HARNESS, PROPEL MOTION ALARM	1674 - 20
2E11	WIRE HARNESS, RADIO	1810 - 34
2D8	WIRE HARNESS, RADIO SPEAKER	1810 - 6
2B14	WIRE HARNESS, RELAYS	1674 - 10
2B16	WIRE HARNESS, STARTER	1674 - 12
2B20	WIRE HARNESS, STARTER	1674 - 16
2B12	WIRE HARNESS, STARTER SWITCH	1674 - 8
2B24	WIRE HARNESS, TRAVEL MOTION ALARM	1674 - 20
2C11	WIRE KIT, LEAD	1674 - 32
2C13	WIRING HARNESS CONTROL PATTERN KIT	1674 - 34
2C7	WIRING HARNESS KIT	1674 - 28
2C3	WIRING HARNESS, AIR CONDITIONING UNIT	1674 - 24
2C5	WIRING HARNESS, CHASSIS AIR CONDITIONING UNIT	1674 - 26
2B8	WORK LIGHT SWITCH	1674 - 4
2G14	WORK LIGHT, TOOL BOX	1910 - 14

TRACK FRAME

TP58895 -UN-09JAN98



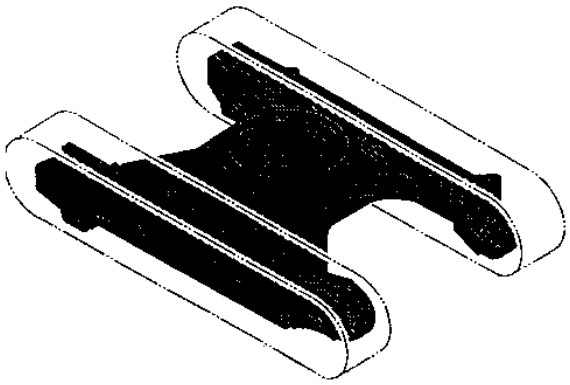


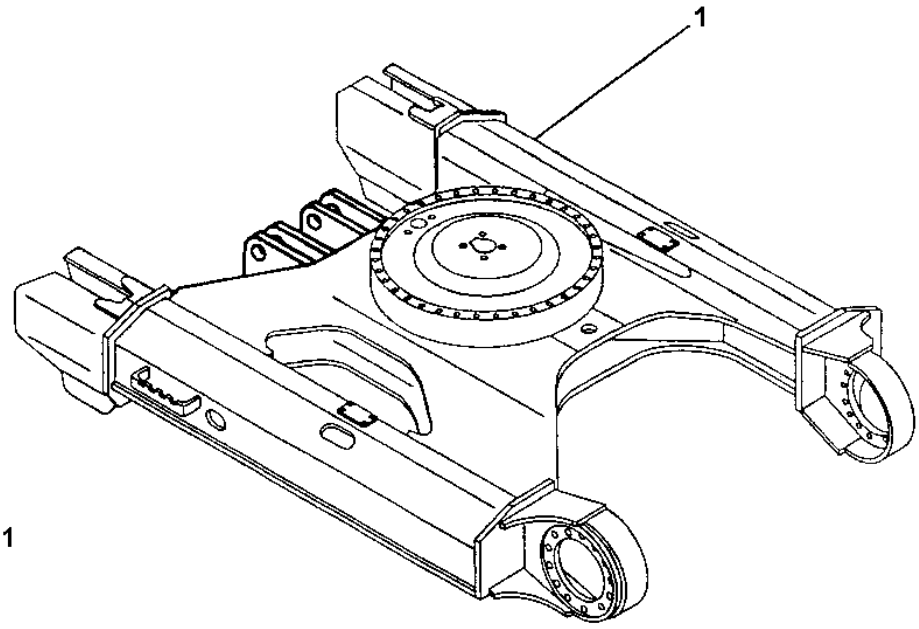
TRACK FRAME

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	.....	FRAME	1		(AP34373 NO LONGER AVAILABLE) (CONVENIENCE ASSEMBLY)

TRACK FRAME FOR USE WITH BLADE

TP58921 -UN-23JAN98





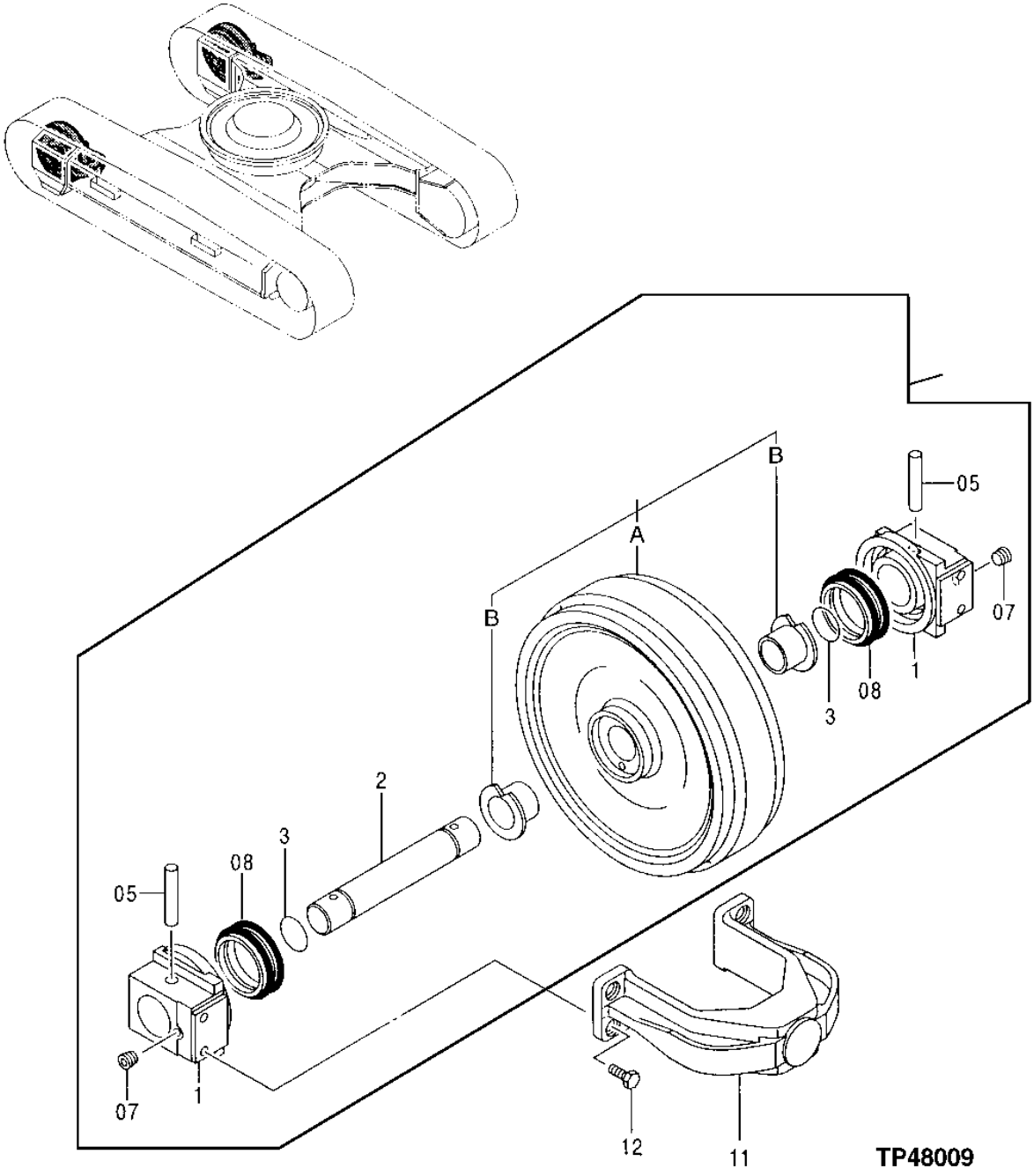
TP58921

TRACK FRAME FOR USE WITH BLADE

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	.....	FRAME	1		(AP34865 NO LONGER AVAILABLE) (CONVENIENCE ASSEMBLY)

FRONT IDLER

TP48009 -UN-28MAY96

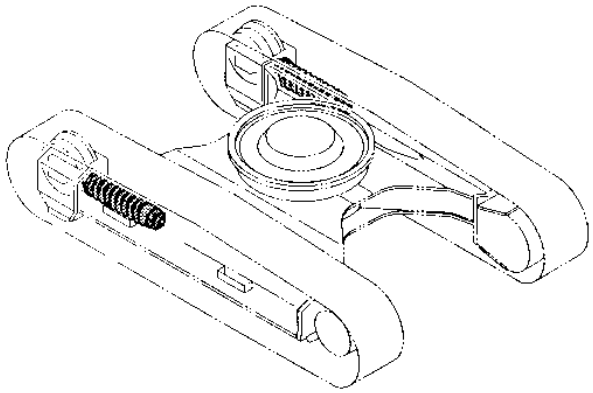


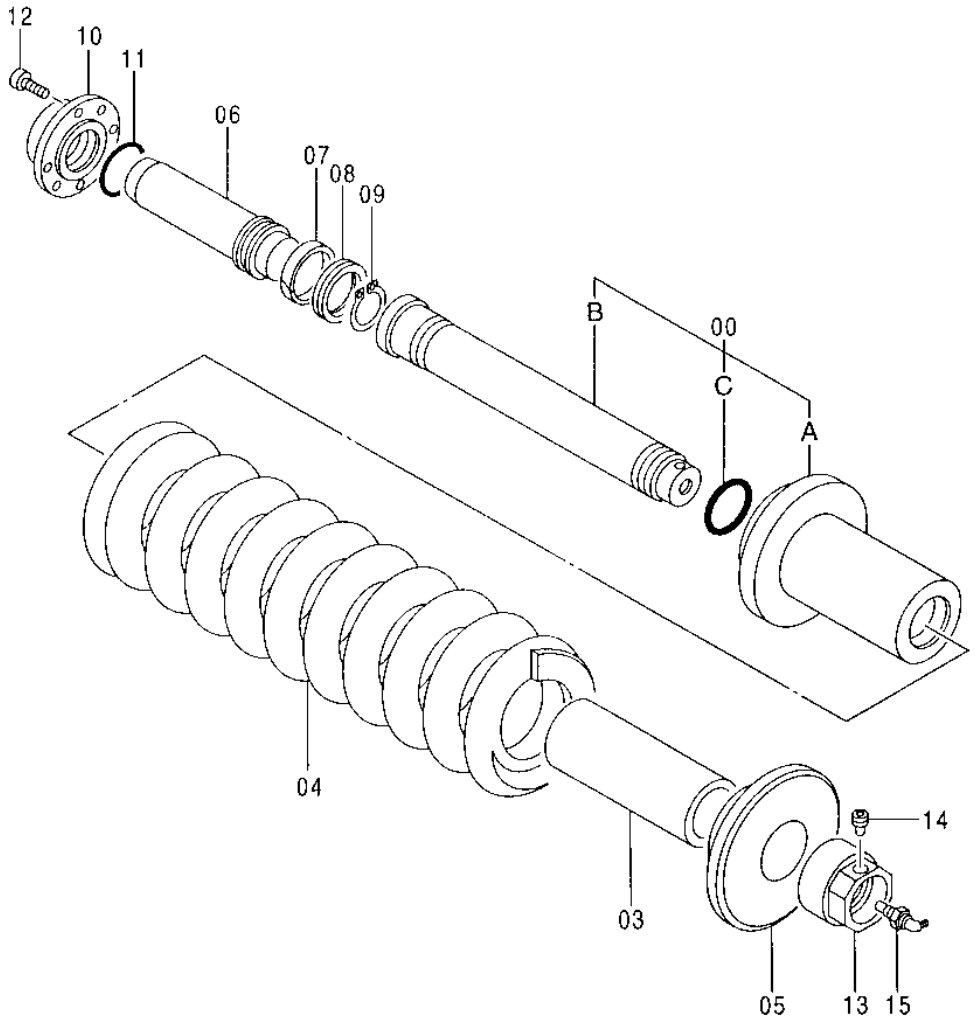
FRONT IDLER

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	.....	IDLER	2	-020007	(QUANTITY OF ONE EACH SIDE OF UNIT) (IF AT216004 NO LONGER AVAILABLE, SUB AT180421)
	AT180421	IDLER	2	020008-	(QUANTITY OF ONE EACH SIDE OF UNIT)
1	1020173	BEARING	2	-020007	(SUB FOR AT215833)
	AT180461	BRACKET	2	020008-	
2	3035618	AXLE	1	-020007	(SUB FOR TH108854)
	AT180424	SHAFT	1	020008-	
3	CH11571	PACKING	2	-020007	
	AT180425	O-RING	2	020008-	
4	.....	IDLER	1	-020007	(AT216005 NO LONGER AVAILABLE) (SUB AT180421 IDLER ASSEMBLY)
	AT180422	ROLLER SHELL	1	020008-	
4A	.....	IDLER	1		
4B	3069556	BUSHING	2	-020007	(SUB FOR AT215857)
	AT180423	BUSHING	2	020008-	
5	4255804	PIN	2	-020007	(SUB FOR AT154230)
	AT180426	PIN	2	020008-	18.800 X 100 MM (0.740" X 3.937")
7	94-2011	FITTING PLUG	2		(SUB FOR TH100434)
8	AT213829	SEAL	2	-020007	(SUB FOR TH102359)
	AT180427	SEAL	2	020008-	
11	1014798	YOKE	2	-020007	(SUB FOR AT154049) (QUANTITY OF 1 EACH SIDE OF UNIT)
	AT180428	YOKE	2	020008-	(QUANTITY OF 1 EACH SIDE OF UNIT)
12	19M8035	CAP SCREW	8		M16 X 35, (QUANTITY OF 4 EACH SIDE OF UNIT)

ADJUSTER
(SERIAL NO. -020007)

TP48008 -UN-28MAY96



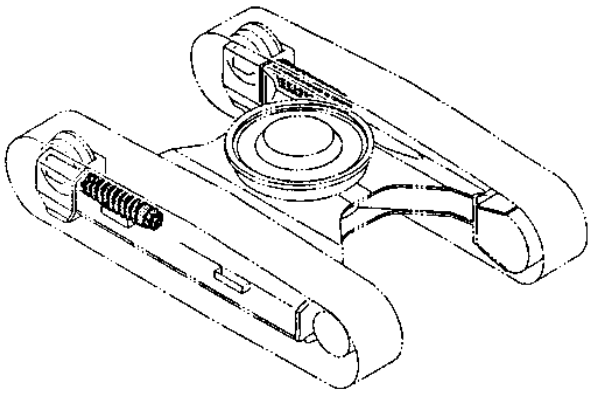


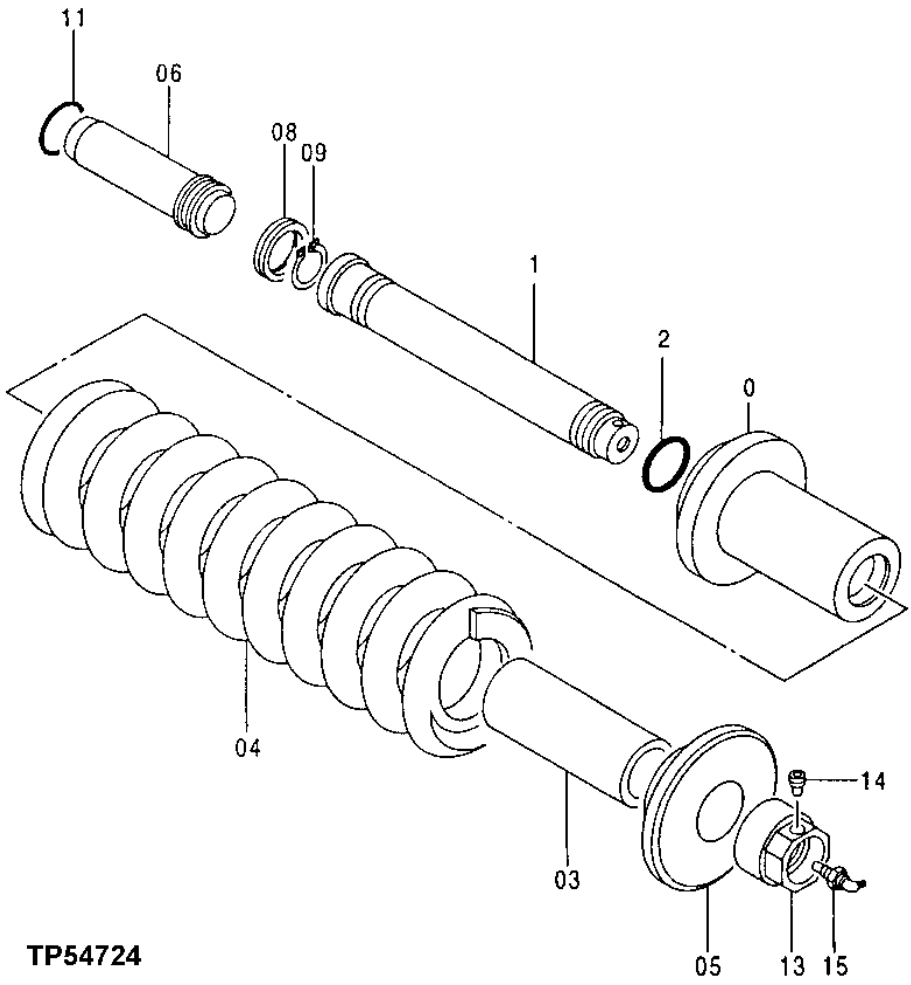
ADJUSTER
(SERIAL NO. -020007)

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	.....	CYLINDER	1	-020007	(NOT AVAILABLE FOR SERVICE)
0A	3073803	BARREL	1	-020007	(SUB FOR AT215871)
0B	AT180455	ROD	1	-020007	
0C	4360347	O-RING	1	-020007	(SUB FOR AT215940)
3	AT180456	BUSHING	1	-020007	
4	AT180454	SPRING	1	-020007	
5	4357538	WASHER	1	-020007	(SUB FOR AT215934)
6	3034935	ROD	1	-020007	(SUB FOR TH108872)
7	TH108869	WEAR RING	1	-020007	
8	4179303	PACKING	1	-020007	(SUB FOR TH108870)
9	40M7047	SNAP RING	1	-020007	
10	3073805	FLANGE	1	-020007	(SUB FOR AT215873)
11	4113160	O-RING	1	-020007	54.600 X 5.700 MM (2.150" X 0.224") (SUB FOR TH106961)
12	19M8446	SCREW	4	-020007	M8 X 20
13	4357539	NUT	1	-020007	(SUB FOR AT215935)
14	4248106	FITTING PLUG	1	-020007	(SUB FOR AT154185)
15	4255055	FLOW CONTROL HYD. VALVE	1	-020007	(SUB FOR AT154223)

ADJUSTER
(SERIAL NO. 020008-020174)

TP54724 -UN-26MAR97





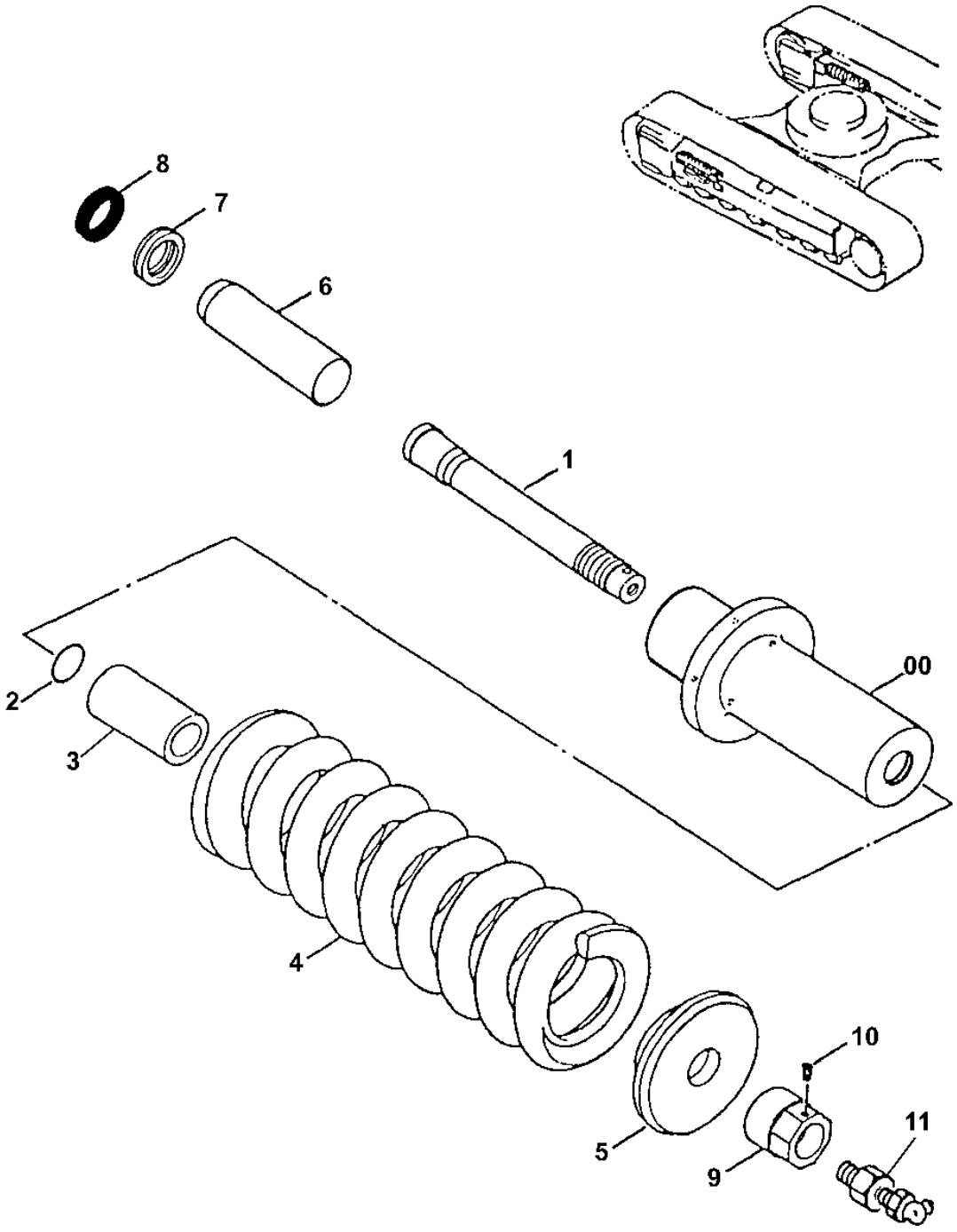
TP54724

ADJUSTER
(SERIAL NO. 020008-020174)

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	AT186637	CYLINDER	1	020008-020174	(ALSO ORDER AT186636) (SUB FOR AT180384)
1	AT180455	ROD	1	020008-020174	(FOR HEAVY DUTY APPLICATIONS ORDER AT180385 ROD, AT180388 BUSHING AND AT180391 SPRING)
2	AT180387	O-RING	1	020008-020174	
3	AT180456	BUSHING	1	020008-020174	(FOR HEAVY DUTY APPLICATIONS ORDER AT180385 ROD, AT180388 BUSHING AND AT180391 SPRING)
4	AT180454	SPRING	1	020008-020174	(FOR HEAVY DUTY APPLICATIONS ORDER AT180385 ROD, AT180388 BUSHING AND AT180391 SPRING)
5	AT180389	BUSHING	1	020008-020174	
6	AT186635	ROD	1	020008-020174	(SUB FOR AT180396)
8	AT180394	PACKING	1	020008-020174	(SUB AT186635)
9	AT180395	SNAP RING	1	020008-020174	(SUB AT186636)
11	AT180397	PACKING	1	020008-020174	
13	AT180392	NUT	1	020008-020174	
14	AT180393	FITTING PLUG	1	020008-020174	
15	4255055	FLOW CONTROL HYD. VALVE	1	020008-020174	(SUB FOR AT154223)

ADJUSTER
(SERIAL NO. 020175-)

TP56834 -UN-11AUG99



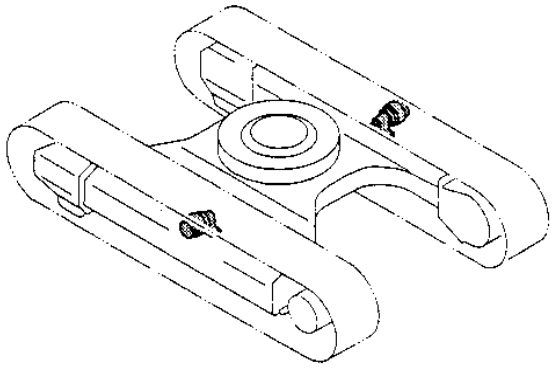
TP56834

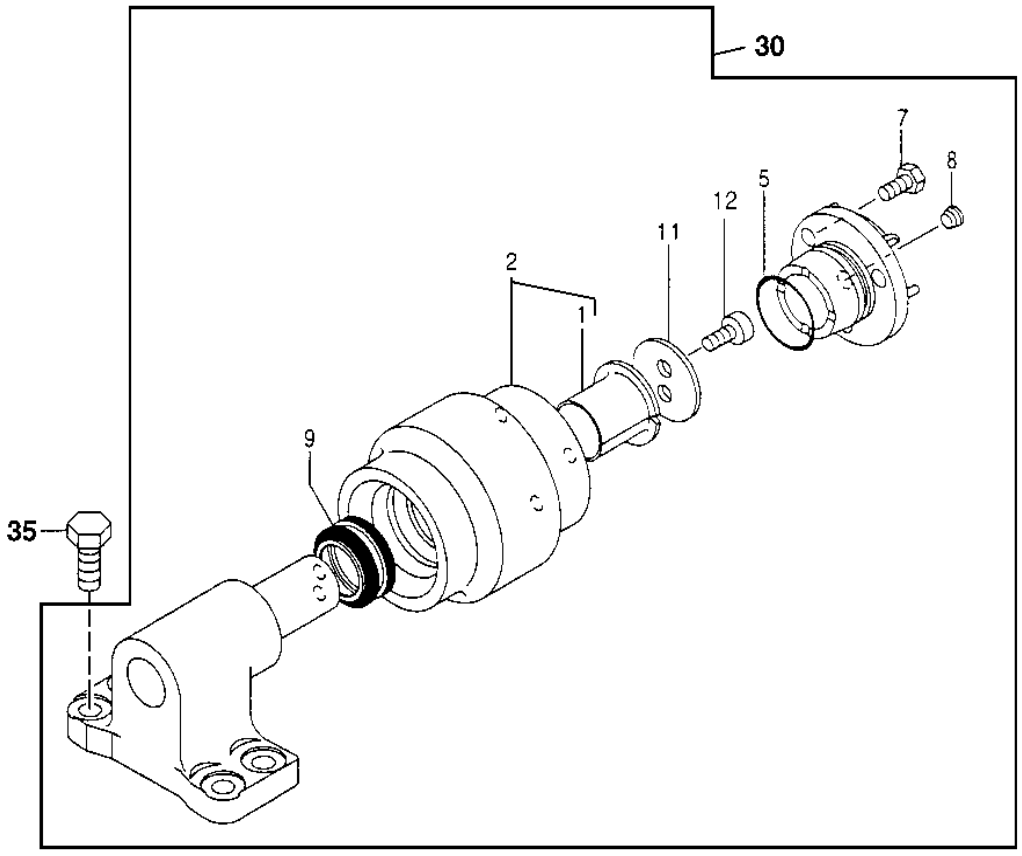
ADJUSTER
(SERIAL NO. 020175-)

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	AT186637	CYLINDER	1	020175-	
1	AT180385	ROD	1	020175-	
2	AT180387	O-RING	1	020175-	
3	AT180388	BUSHING	1	020175-	
4	AT180454	SPRING	1	020175-	
5	AT180389	BUSHING	1	020175-	
6	AT186635	ROD	1	020175-	
7	AT186636	PACKING	1	020175-	
8	AT180397	PACKING	1	020175-	
9	AT180392	NUT	1	020175-	
10	AT180393	FITTING PLUG	1	020175-	
11	4255055	FLOW CONTROL HYD. VALVE	1	020175-	(SUB FOR AT154223)

TRACK CARRIER ROLLER MOUNTING AND COMPONENTS

T188373 -UN-27MAR03





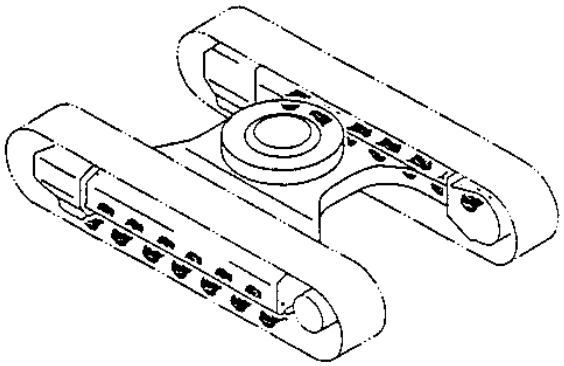
T188373

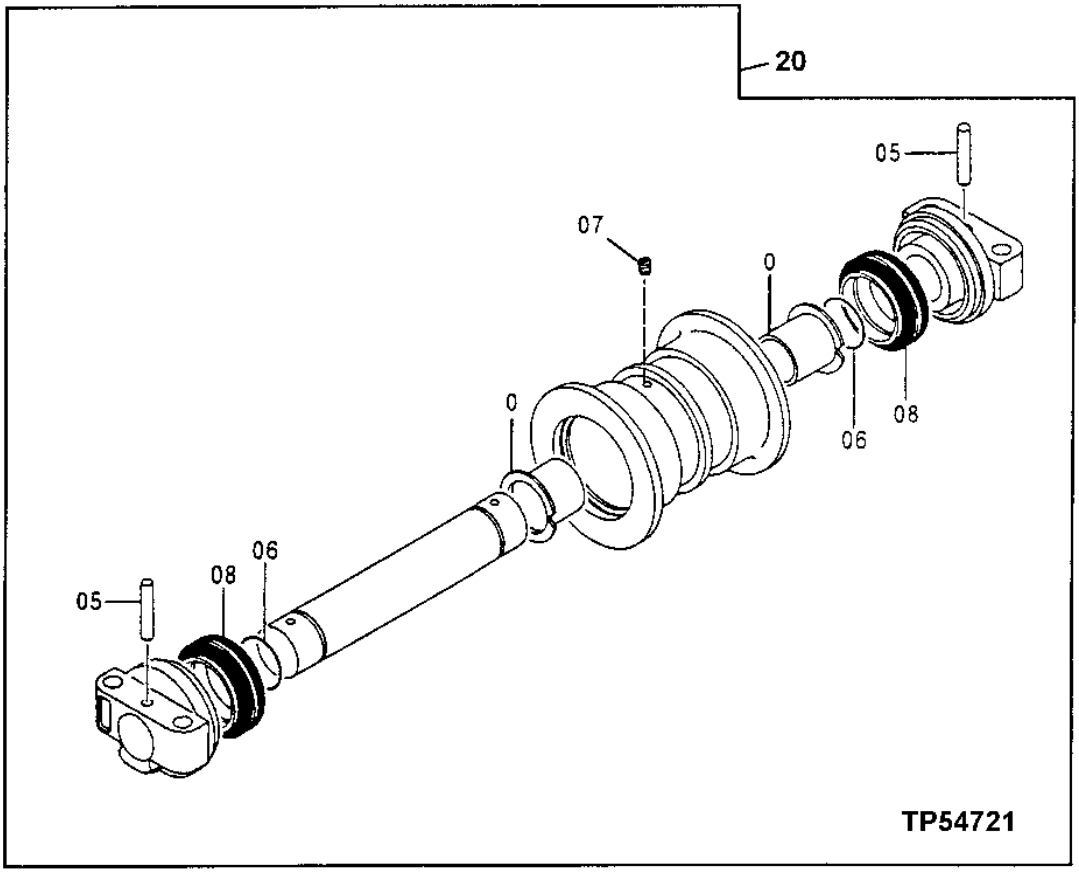
TRACK CARRIER ROLLER MOUNTING AND COMPONENTS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AT180380	BUSHING	1		
2	9092402	ROLLER	1		(ROLLER SHELL WITH BUSHING)
5	AT180381	O-RING	1		
7	19M7938	CAP SCREW	3		M10 X 20
8	94-2011	FITTING PLUG	1		(SUB FOR TH100434)
9	AT180383	SEAL	1		
11	AT180449	WASHER	1		
12	M351018	BOLT	2		M10 X 18, (SUB FOR AT131372)
30	AP34654	ROLLER	2		
35	19M7403	CAP SCREW	8		M12 X 35

LOWER ROLLER

TP54721 -UN-09APR97



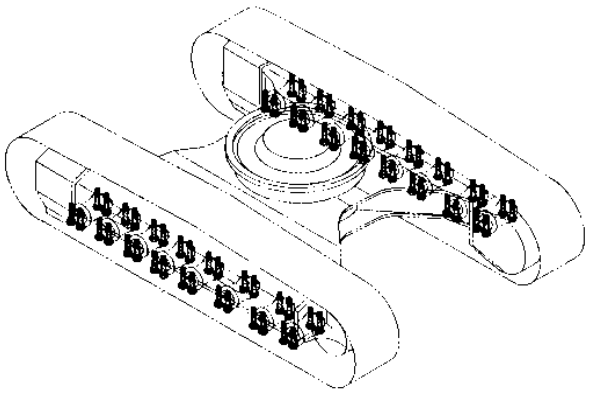


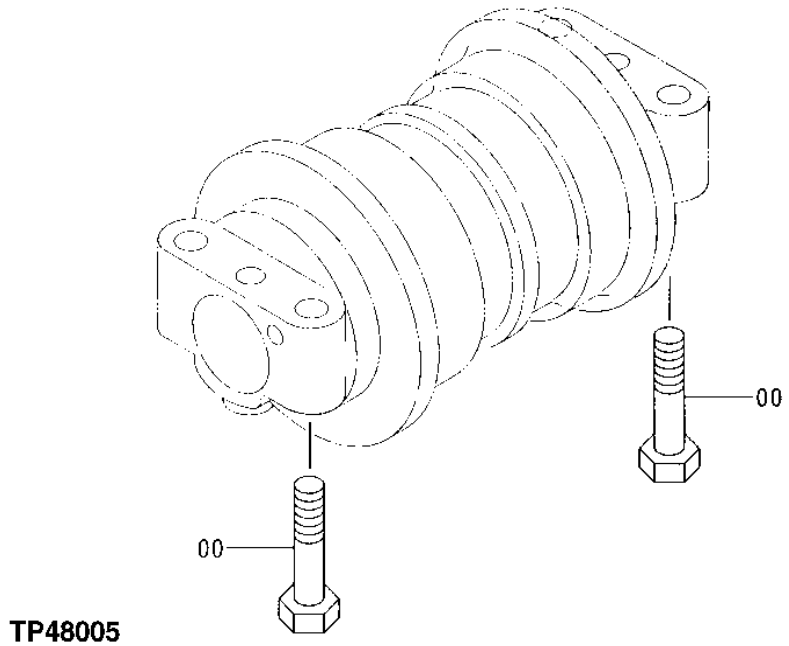
LOWER ROLLER

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	AT180375	BUSHING	2		
5	AT180376	PIN FASTENER	2		
6	AT180377	O-RING	2		
7	AT180378	FITTING PLUG	1		
8	AT180379	SEAL	2		
20	AP34655	ROLLER	14		

LOWER ROLLER SUPPORT

TP48005 -UN-28MAY96





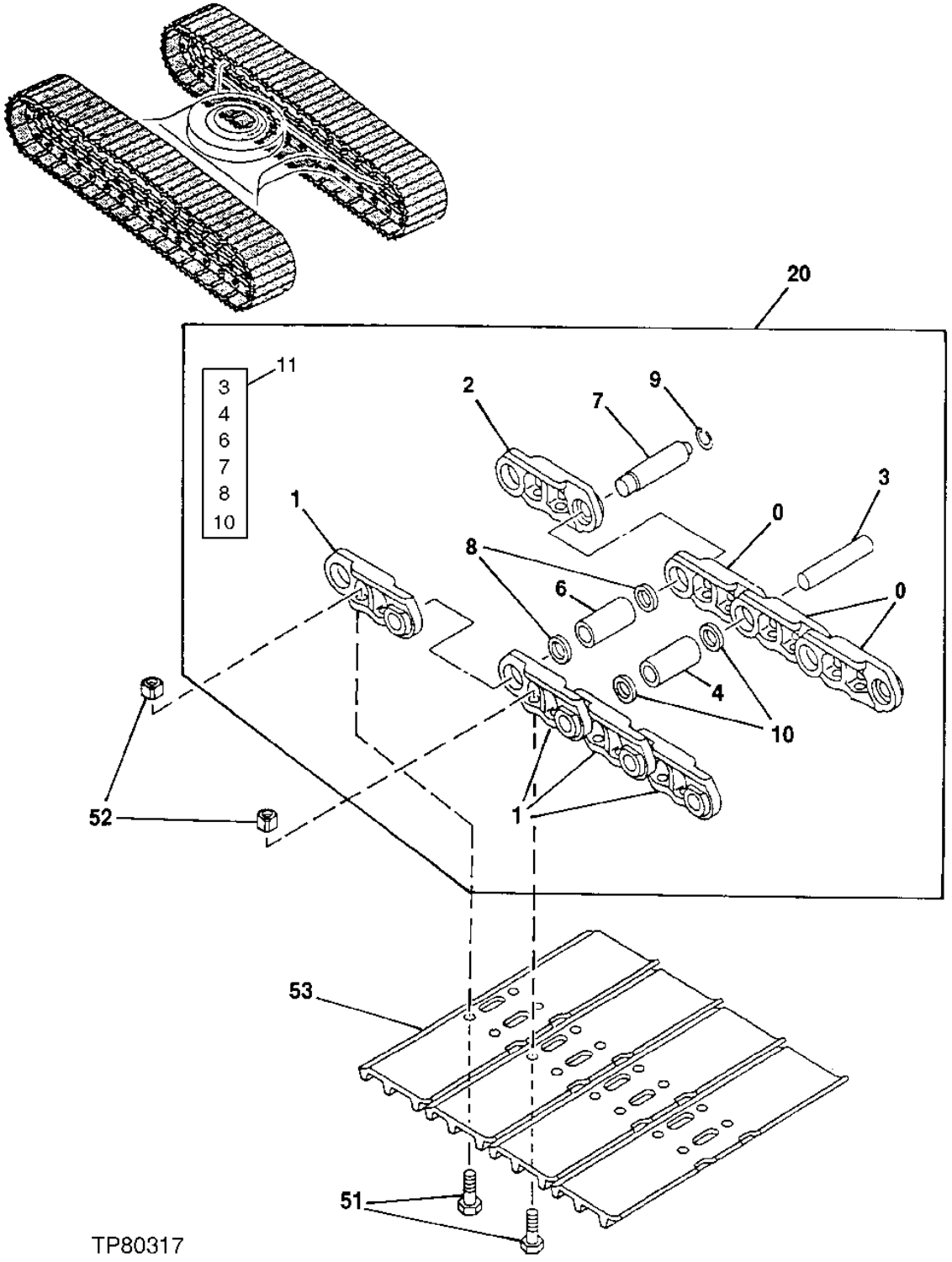
TP48005

LOWER ROLLER SUPPORT

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	19M8529	CAP SCREW	56		M16 X 70

TRACK LINK CHAIN (170/167MM LONG PINS)
(SERIAL NO. XXXXXX-XXXXXX)

TP80317 -UN-08DEC99

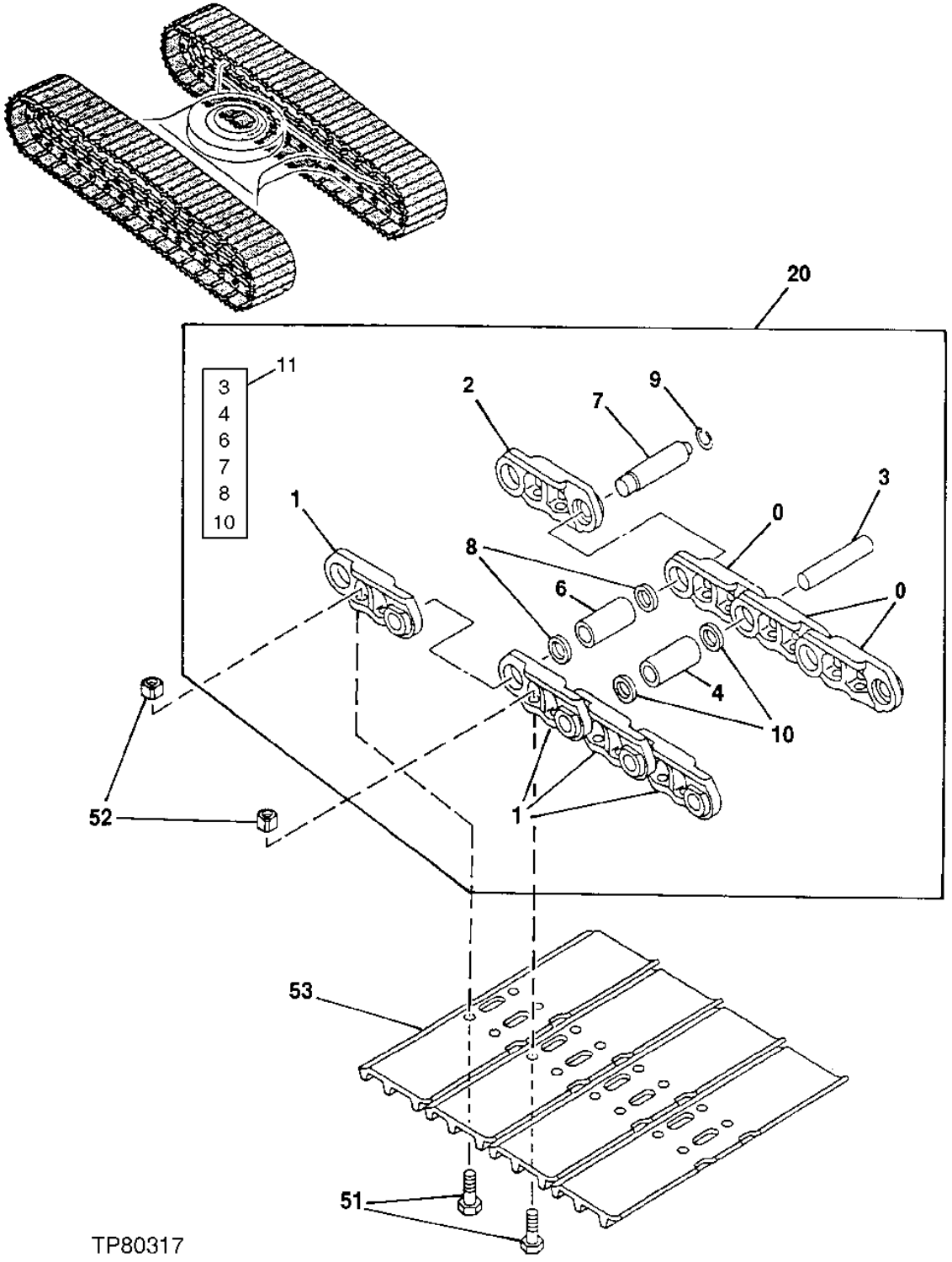


TRACK LINK CHAIN (170/167MM LONG PINS)
(SERIAL NO. XXXXXX-XXXXXX)

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	1021040	TRACK LINK	40	XXXXXX-XXXXXX	(EACH SIDE) (RIGHT SIDE) (SUB FOR AT180433)
1	AT180434	STRUTTED LINK-LH	41	XXXXXX-XXXXXX	(EACH SIDE)
	AT185784	STRUTTED LINK-LH	1		(USE WITH AT185785, AT185788, AT185789)
2	.....	PIN	1	XXXXXX-XXXXXX	(MASTER) (EACH SIDE) (4345682 NO LONGER AVAILABLE) (SUB FOR AT180435)
	AT185785	MASTER TRACK LINK-RH	1		(USE WITH AT185784, AT185788, AT185789)
3	4345321	PIN	40	XXXXXX-XXXXXX	(EACH SIDE) (170MM LENGTH) (SUB FOR AT180436)
4	T191229	BUSHING	40	XXXXXX-XXXXXX	(EACH SIDE) (SUB FOR AT180441)
6	T191230	BUSHING	1	XXXXXX-XXXXXX	(EACH SIDE) (MASTER) (SUB FOR AT180442)
7	4345326	PIN	1	XXXXXX-XXXXXX	(MASTER) (167MM LENGTH) (SUB FOR AT180437)
	AT185788	TRACK PIN	1		(USE WITH AT185784, AT185785, AT185789)
8	4345327	WASHER	2	XXXXXX-XXXXXX	(EACH SIDE) (SUB FOR AT180438)
	AT185789	SPACER	2		(USE WITH AT185784, AT185788, AT185785)
9	TH108899	RING	1	XXXXXX-XXXXXX	(EACH SIDE)
10	AT180440	SEAL	80	XXXXXX-XXXXXX	(EACH SIDE)
11	.....	PIN & BUSHING KIT	1		(AT180463 NOT AVAILABLE FOR SERVICE) (INCLUDES (40) AT180436, AT180437, (2) 4345327, AT180439, (80) AT180440, (40) T191229 AND T191230)
20	.....	TRACK CHAIN W/O SHOES	2	XXXXXX-XXXXXX	(ONE EACH SIDE OF UNIT) (ORDER AT180448 IF AVAILABLE OR ORDER PARTS OR AT185782 COMPLETE CHAIN)
51	AT180444	BOLT	164		M16 X 46, (EACH SIDE OF UNIT)
52	AT180443	NUT	164		M16, (EACH SIDE OF UNIT)
53	AT180445	OPEN CENTER 3 BAR SHOE	41		(EACH UNIT) (500 MM)
	AT180446	OPEN CENTER 3 BAR SHOE	41		(EACH UNIT) (600 MM)
	AT180447	OPEN CENTER 3 BAR SHOE	41		(EACH UNIT) (700 MM)

TRACK LINK CHAIN (175/172MM LONG PINS)(M SEAL)
(SERIAL NO. XXXXXX-)

TP80317 -UN-08DEC99

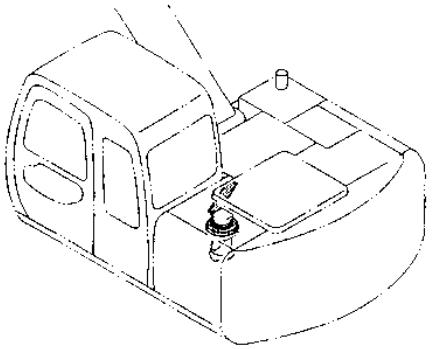


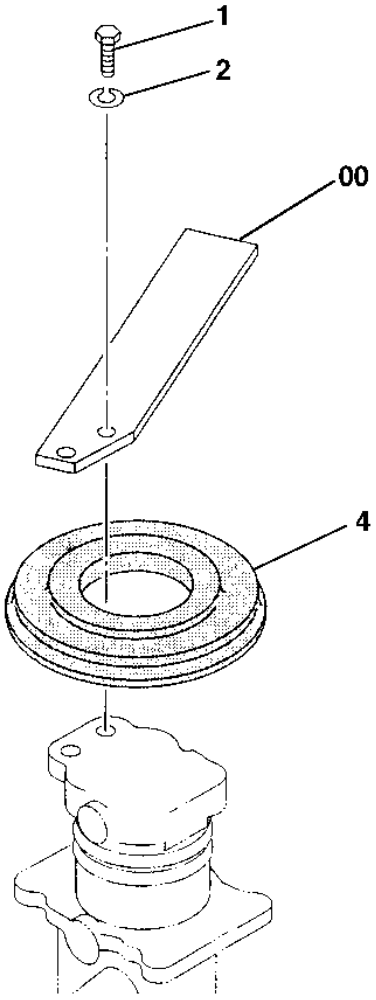
TRACK LINK CHAIN (175/172MM LONG PINS)(M SEAL)
(SERIAL NO. XXXXXX-)

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	AT185783	STRUTTED LINK-RH	40	XXXXXX-	(EACH UNIT)
1	AT185784	STRUTTED LINK-LH	41	XXXXXX-	(EACH UNIT)
2	AT185785	MASTER TRACK LINK-RH	1	XXXXXX-	(EACH UNIT)
3	AT185786	PIN	40	XXXXXX-	(EACH SIDE) (175MM LENGTH)
4	T191229	BUSHING	40	XXXXXX-	(EACH SIDE) (SUB FOR AT180441)
6	T191230	BUSHING	1	XXXXXX-	(EACH SIDE) (MASTER) (SUB FOR AT180442)
7	AT185788	TRACK PIN	1	XXXXXX-	(EACH SIDE) (172MM LENGTH)
8	AT185789	SPACER	1	XXXXXX-	(EACH SIDE)
9	TH108899	RING	1	XXXXXX-	(EACH SIDE)
10	AT185787	SEAL	80	XXXXXX-	(EACH SIDE) (M SEAL DESIGN)
11	AT185795	PIN & BUSHING KIT	1	XXXXXX-	(INCLUDES TH108899, (40) T191229, T191230, (40) AT185786, (80) AT185787, AT185788 AND (2) AT185789)
20	AT185782	CHAIN LINK	2	XXXXXX-	(700 MM) (ONE EACH SIDE OF UNIT)
51	AT180444	BOLT	164		M16 X 46, (EACH SIDE OF UNIT)
52	AT180443	NUT	164		(EACH SIDE OF UNIT)
53	AT180445	OPEN CENTER 3 BAR SHOE	41		(500 G) (EACH SIDE OF UNIT)
	AT180446	OPEN CENTER 3 BAR SHOE	41		(600 G) (EACH SIDE OF UNIT)
	AT180447	OPEN CENTER 3 BAR SHOE	41		(700 G) OPEN CENTER 3 BAR SHOE (EACH SIDE OF UNIT)

CENTER JOINT ATTACHMENTS

TP48170 -UN-03SEP96





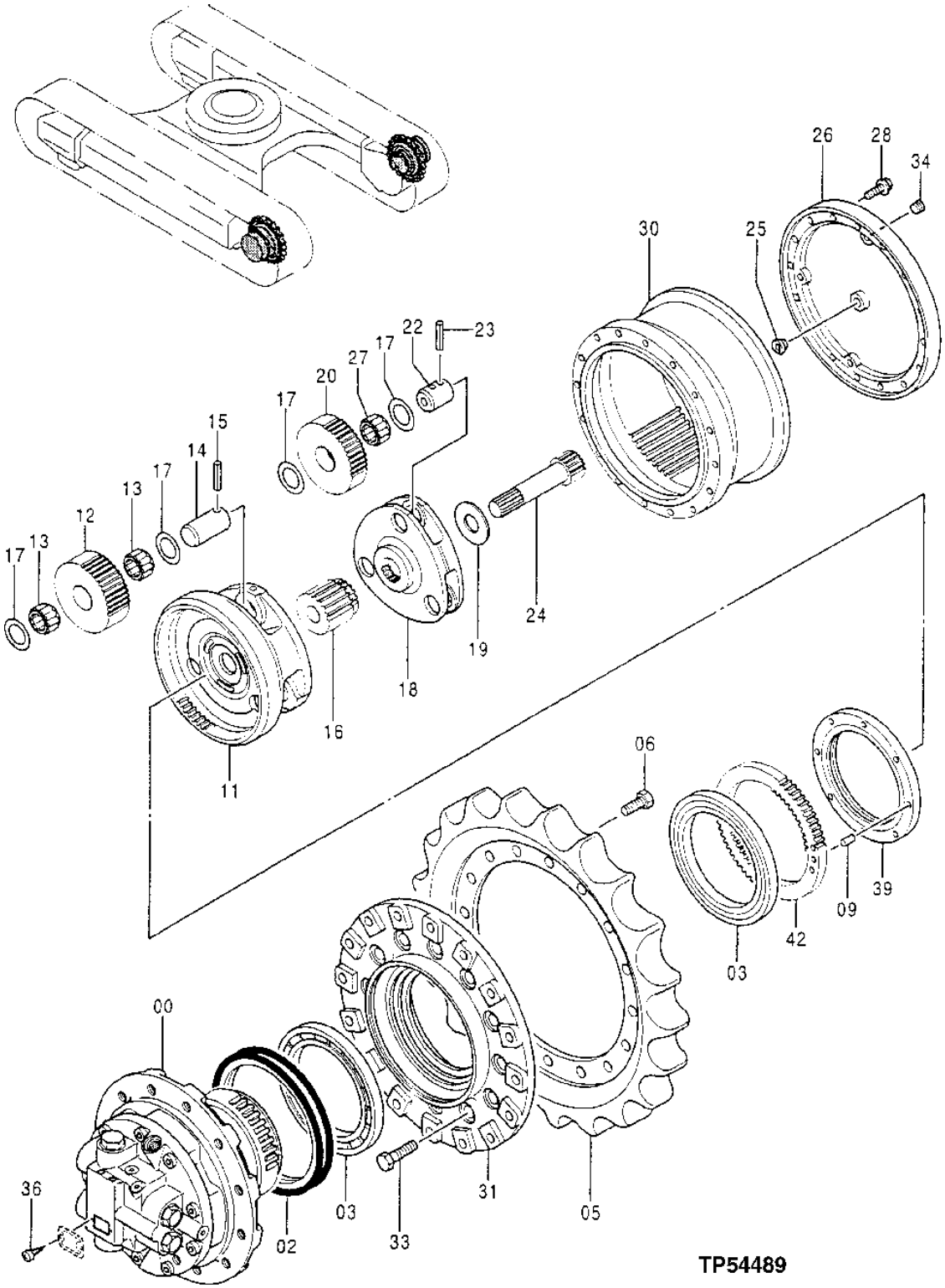
TP48170

CENTER JOINT ATTACHMENTS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	3057962	STOP	1		(SUB FOR AT154901)
1	19M6332	CAP SCREW	2		M14 X 35
2	12H317	LOCK WASHER	2		14.288 MM (9/16")
4	4428007	COVER	1		(SUB FOR T138508)

TRAVEL DEVICE

TP54489 -UN-21JAN97

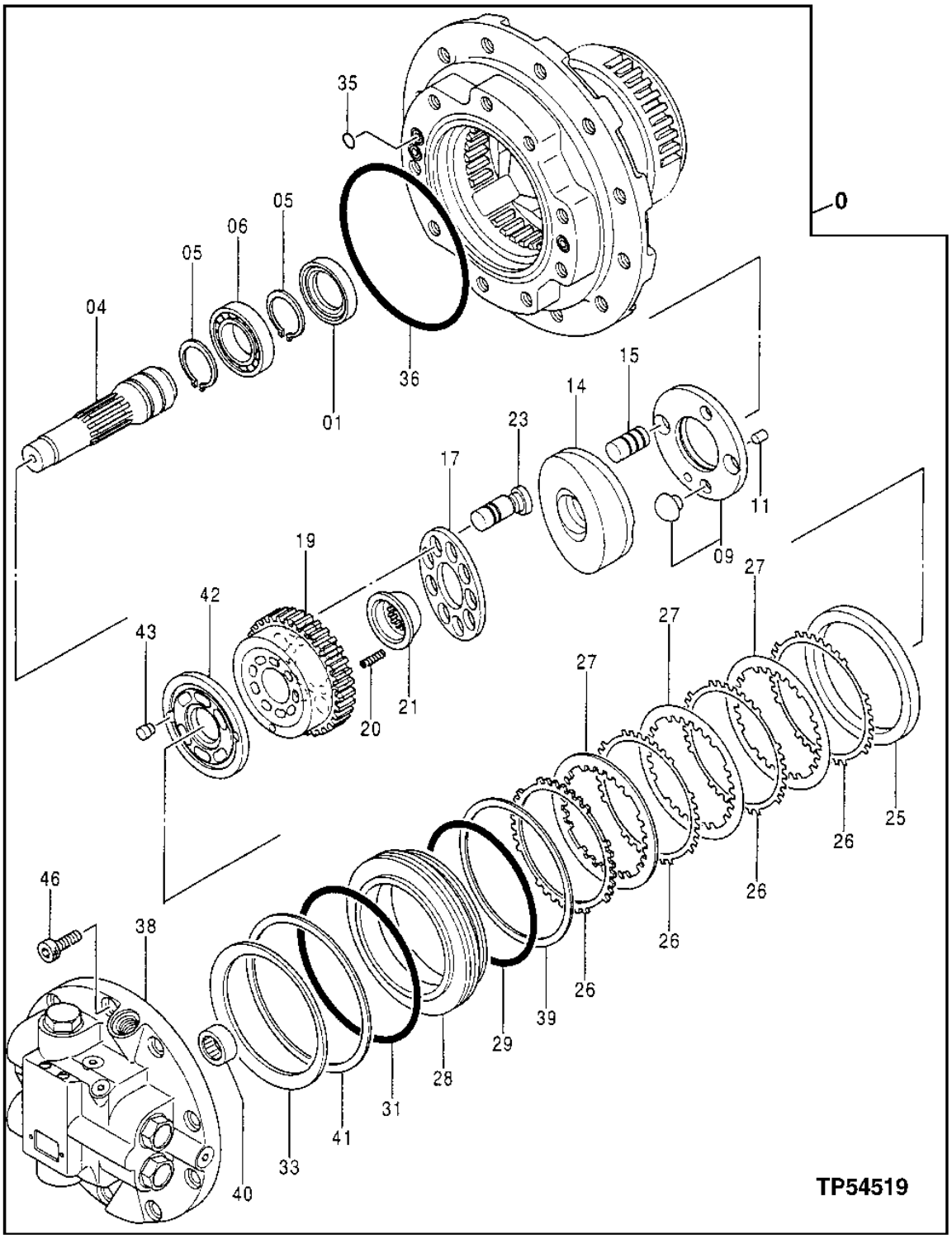


TRAVEL DEVICE

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	9148472EX	HYDRAULIC MOTOR	1		(SUB FOR AT218388) (USE IF AVAILABLE) (IF AT218388 NOT AVAILABLE, SUB AT183676)
	9148472EX	HYDRAULIC MOTOR	1		(SUB FOR AT218388) (SUB FOR AT183676)
2	AT154151	SEAL	1		
3	4321887	CYLINDRICAL ROLLER BEARING	2		(SUB FOR AT165353)
5	AT180462	CHAIN SPROCKET	1		
6	19M7488	CAP SCREW	16		M16 X 40
9	4148012	DOWEL PIN	1		(SUB FOR TH110463)
11	1013926	PLANET PINION CARRIER	1		(SUB FOR AT218394)
12	3043236	GEAR	3		(SUB FOR AT218395)
13	4354289	NEEDLE BEARING	6		(SUB FOR AT215929)
14	4245966	PIN	3		(SUB FOR AT154181)
15	4144020	SPRING PIN	3		(SUB FOR TH108833)
16	3072878	SUN GEAR	1		(SUB FOR AT154089)
17	4192982	PLATE	12		(SUB FOR T107736)
18	AT218396	PLANET PINION CARRIER	1		
19	4252721	WASHER	1		(SUB FOR AT154204)
20	3049946	GEAR	3		(SUB FOR AT218397)
22	4178203	BUSHING	3		(SUB FOR TH108840)
23	4192020	SPRING PIN	3		(SUB FOR TH111239)
24	2028798	SHAFT	1		(SUB FOR AT154069)
25	4258916	PIN	1		(SUB FOR AT154259)
26	2028799	COVER	1		(SUB FOR AT218398)
27	4354278	NEEDLE BEARING	3		(SUB FOR AT215928)
28	19M8011	CAP SCREW	12		M12 X 30
	12M7058	LOCK WASHER	12		12 MM (0.472") (SUB FOR 12M7067)
30	1016324	RING GEAR	1		(SUB FOR AT218399)
31	1016125	DRUM	1		(SUB FOR AT154059)
33	19M7369	CAP SCREW	16		M16 X 60
34	94-2013	FITTING PLUG	3		(SUB FOR TH100648)
36	37H99	SCREW	2		2.540 X 6.350 MM (0.100" X 1/4")
39	3057124	NUT	1		(SUB FOR AT154144)
42	3059034	HUB	1		(SUB FOR AT154148)

PROPEL MOTOR

TP54519 -UN-22JAN97

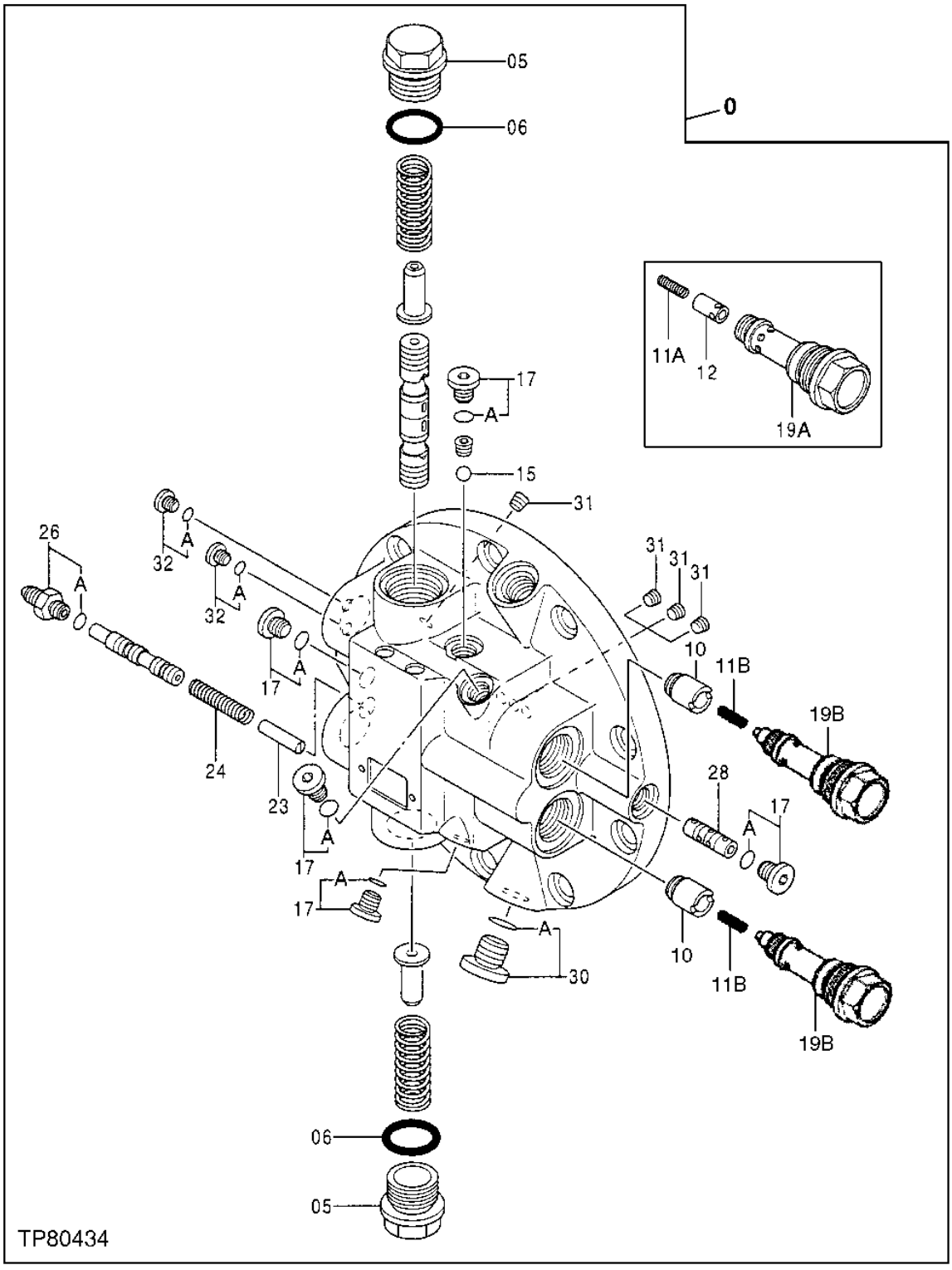


PROPEL MOTOR

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	9148472EX	HYDRAULIC MOTOR	1		(SUB FOR AT218388) (SUB FOR AT218388) (USE IF AVAILABLE) (IF AT218388 NOT AVAILABLE, SUB AT183676)
	9148472EX	HYDRAULIC MOTOR	1		(SUB FOR AT218388) (SUB FOR AT183676)
1	4212841	SEAL	1		(SUB FOR AT154154)
4	3070443	SHAFT	1		(SUB FOR AT215865)
5	40M7047	SNAP RING	2		
6	4343872	CYLINDRICAL ROLLER BEARING	1		(SUB FOR AT176317)
9	9147525	PLATE	1		(SUB FOR AT218365)
11	4212842	PIN	1		(SUB FOR AT154155)
14	3072797	PLATE	1		(SUB FOR AT215870)
15	4416040	PISTON	2		(SUB FOR AT154292) (SUB FOR AT184567)
17	3078124	RETAINER	1		(SUB FOR AT154145)
19	2028344	ROTOR	1		(SUB FOR AT154067)
20	4312681	COMPRESSION SPRING	9		(SUB FOR AT170466)
21	3065176	BUSHING	1		(SUB FOR AT165704)
23	8060510	PISTON	9		(SUB FOR AT176320)
25	4332191	SPACER	1		(SUB FOR AT215892)
26	3032432	PLATE	4		(SUB FOR T107771)
27	3043240	PLATE	3		(SUB FOR AT154090)
28	3076389	PISTON	1		(SUB FOR AT190563) (SUB FOR AT215866 ALONG WITH AT190564 SEAL AND AT190565 SEAL)
29	A811155	O-RING	1		(SUB FOR AT215657) (USE WITH AT215866 PISTON)
	4372710	O-RING	1		(SUB FOR AT190564) (USE WITH AT190563 PISTON)
31	4311391	O-RING	1		(SUB FOR AT215882) (USE WITH AT215866 PISTON)
	4372711	O-RING	1		(SUB FOR AT190565) (USE WITH AT190563 PISTON)
33	3043242	DISK SPRING	1		(SUB FOR AT154091)
35	T111819	O-RING	3		14.800 X 2.400 MM (0.583" X 0.094")
36	4244542	O-RING	1		(SUB FOR AT154175)
38	9148471	FLOW CONTROL HYD. VALVE	1		(SUB FOR AT216010) (BRAKE)
39	4361865	BACK-UP RING	1		(SUB FOR AT215943)
40	AT154167	NEEDLE BEARING	1		
41	4311393	BACK-UP RING	1		(SUB FOR AT215883)
42	3047922	PLATE	1		(SUB FOR AT154097)
43	4271350	PIN	2		(SUB FOR AT154313)
46	19M8490	SCREW	9		M16 X 40

BRAKE VALVE

TP80434 -UN-09FEB00

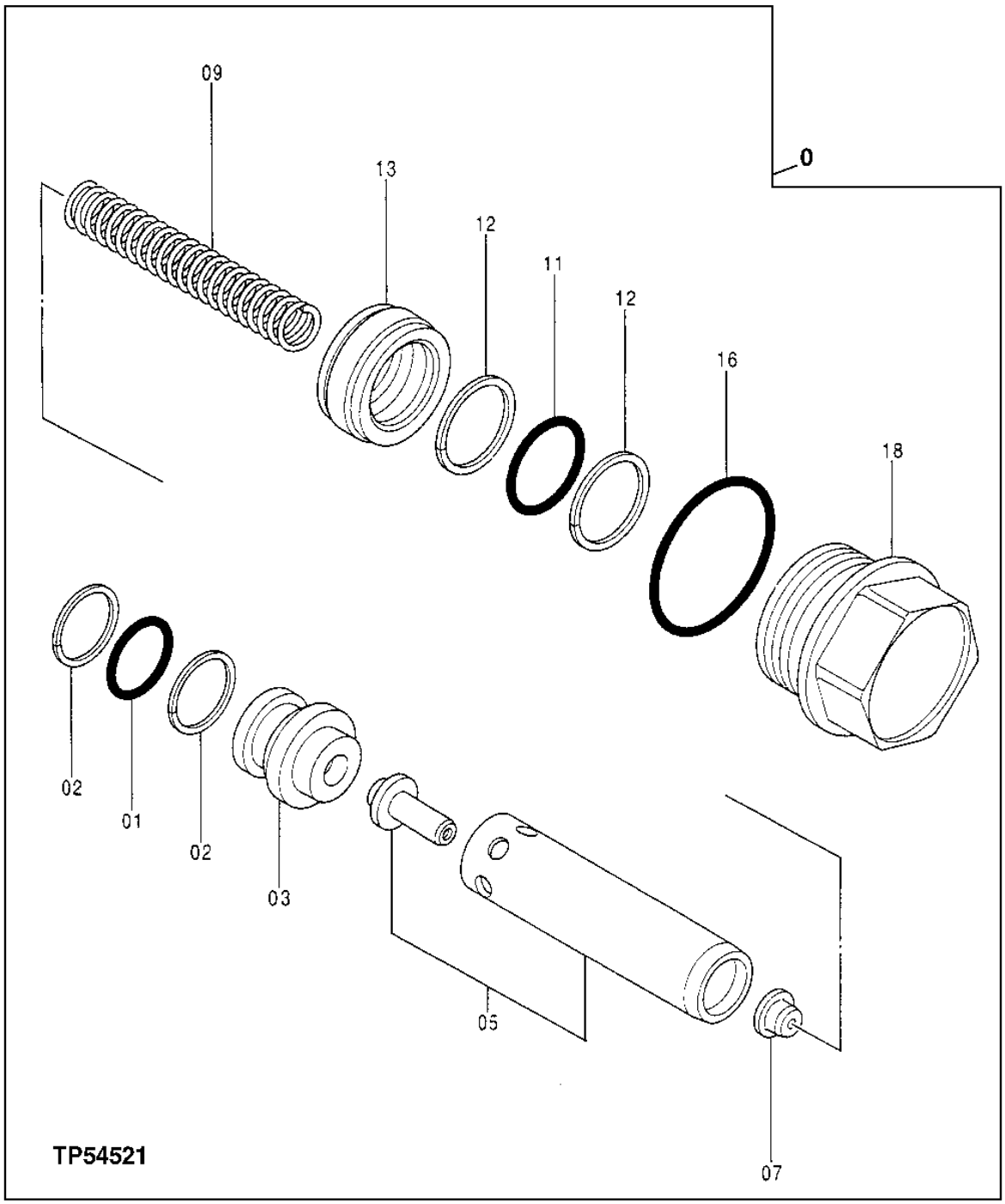


BRAKE VALVE

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	9148471	FLOW CONTROL HYD. VALVE	1		(SUB FOR AT216010)
5	4229631	DRAIN PLUG	2		(SUB FOR TH112085)
6	TH101926	O-RING	2		28.700 X 3.500 MM (1.130" X 0.138")
10	4300918	POPPET	2		(SUB FOR AT200524)
11A	4272413	COMPRESSION SPRING	2		(SUB FOR AT200446)
11B	4383067	SPRING	2		(SUB FOR AT250663)
12	.....	GUIDE	2		(AT200447 NO LONGER AVAILABLE) (SUB AT190808 AND AT250663)
15	R26552	BALL	1		7.938 MM (5/16")
17	9134110	PIPE PLUG	5		(SUB FOR AT203649)
17A	M800650	PACKING	1		
19A	.....	RELIEF VALVE	2		(AT216009 NO LONGER AVAILABLE) (SUB AT190808 AND AT250663)
19B	9159923	PRESSURE RELIEF VALVE	2		(SUB FOR AT190808)
23	4281767	STOP	1		(SUB FOR AT154354)
24	4297257	COMPRESSION SPRING	1		(SUB FOR AT159500)
26	4368621	ADAPTER	1		(SUB FOR AT215953)
26A	M800650	PACKING	1		
28	4312685	VALVE SPOOL	1		(SUB FOR AT203655)
30	9134112	FITTING PLUG	1		(SUB FOR AT203657)
30A	4506418	O-RING	1		(SUB FOR U46489)
31	15H560	PIPE PLUG	4		1.575 MM (1/16")
32	9134109	DRAIN PLUG	2		(SUB FOR AT203656)
32A	4506408	O-RING	1		7.800 X 1.900 MM (0.307" X 0.075") (SUB FOR TH101490)

RELIEF VALVE

TP54521 -UN-21JAN97

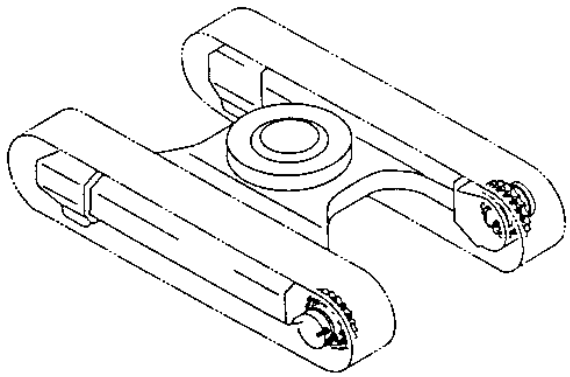


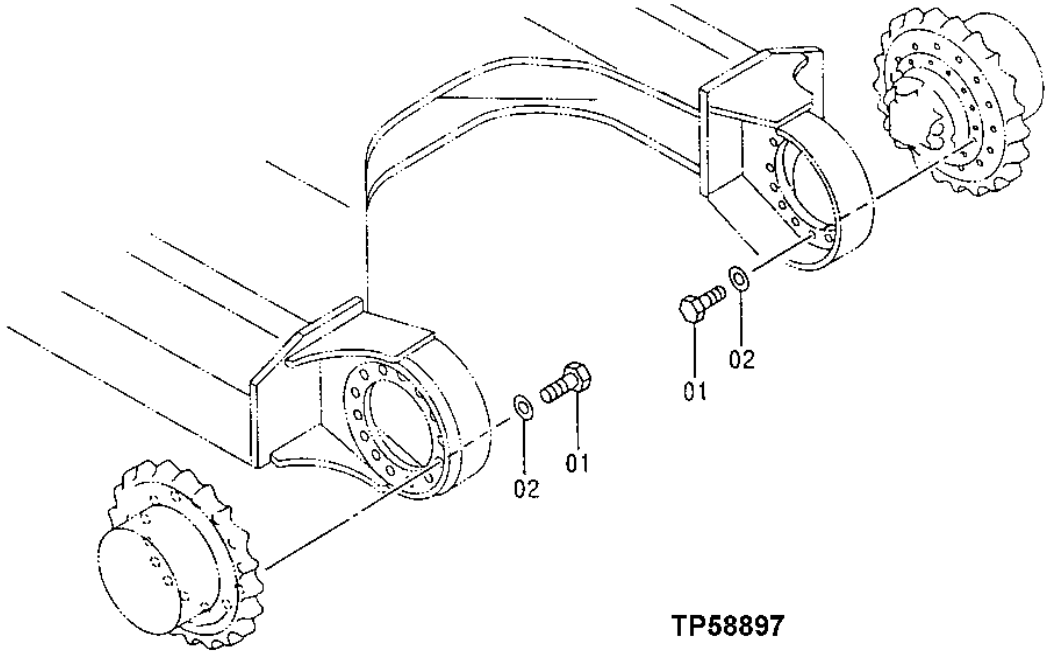
RELIEF VALVE

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	9159923	PRESSURE RELIEF VALVE	1		(SUB FOR AT216009)
1	CH11570	O-RING	1		13.800 X 2.400 MM (0.543" X 0.094")
2	4038533	BACK-UP RING	2		(SUB FOR TH100050)
3	4351826	SLEEVE	1		(SUB FOR AT215925)
5	9745380	RELIEF VALVE	1		(SUB FOR AT216028)
7	4272420	GUIDE	1		(SUB FOR AT203659)
9	4311378	COMPRESSION SPRING	1		(SUB FOR AT203660)
11	4506418	O-RING	1		(SUB FOR U46489)
12	4033725	BACK-UP RING	2		(SUB FOR TH103576)
13	4272425	PISTON	1		(SUB FOR AT200448)
16	U17409	O-RING	1		26.619 X 2.946 MM (1.048" X 0.116")
18	4311779	CAP SCREW	1		(SUB FOR AT215884)

TRAVEL DEVICE SUPPORT

TP58897 -UN-10JAN98



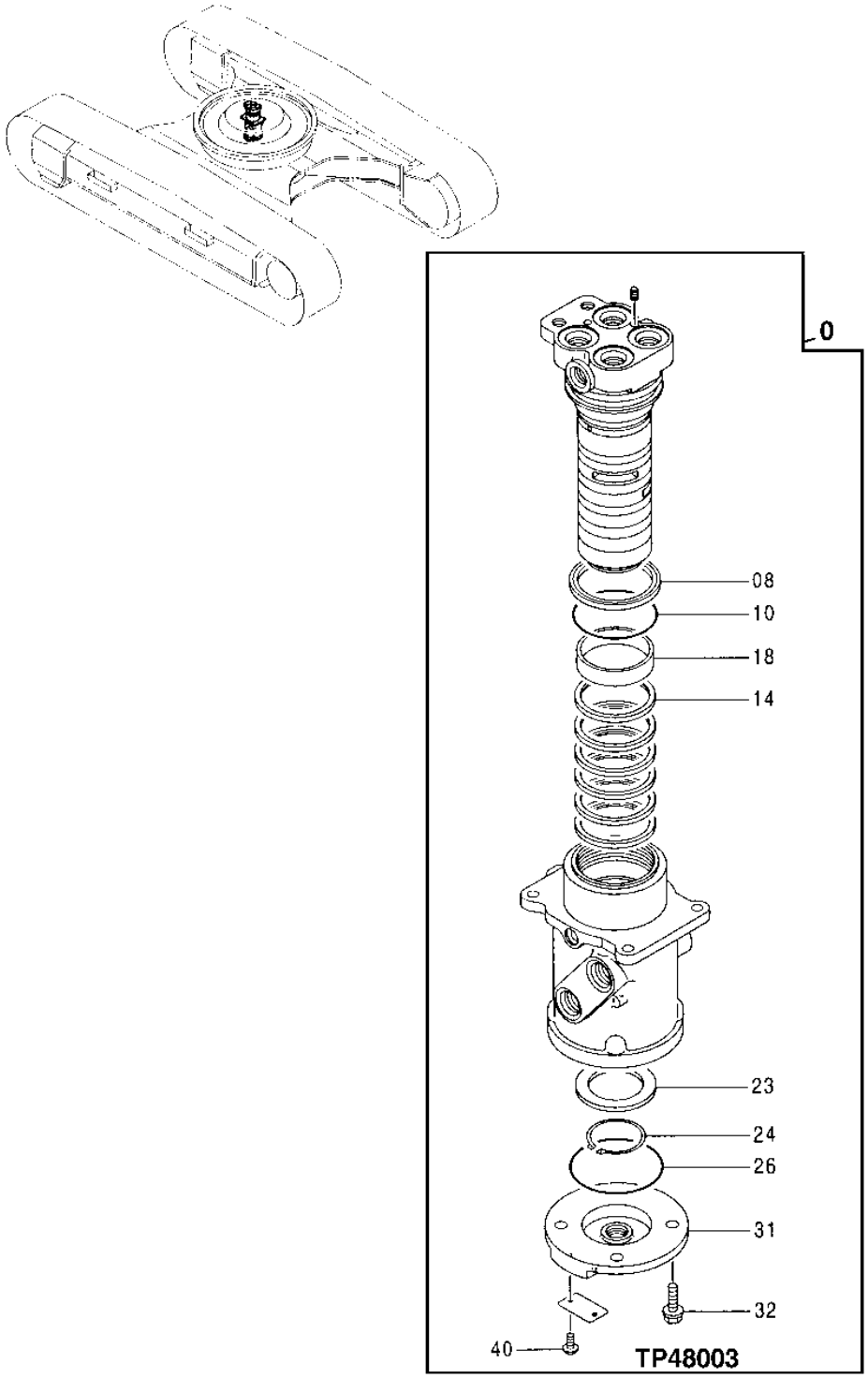


TRAVEL DEVICE SUPPORT

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	4272305	BOLT	28		(SUB FOR AT154319)
2	24M7338	WASHER	28		17 X 30 X 3 MM (0.669" X 1.181" X 0.118")

CENTER JOINT

TP48003 -UN-28MAY96

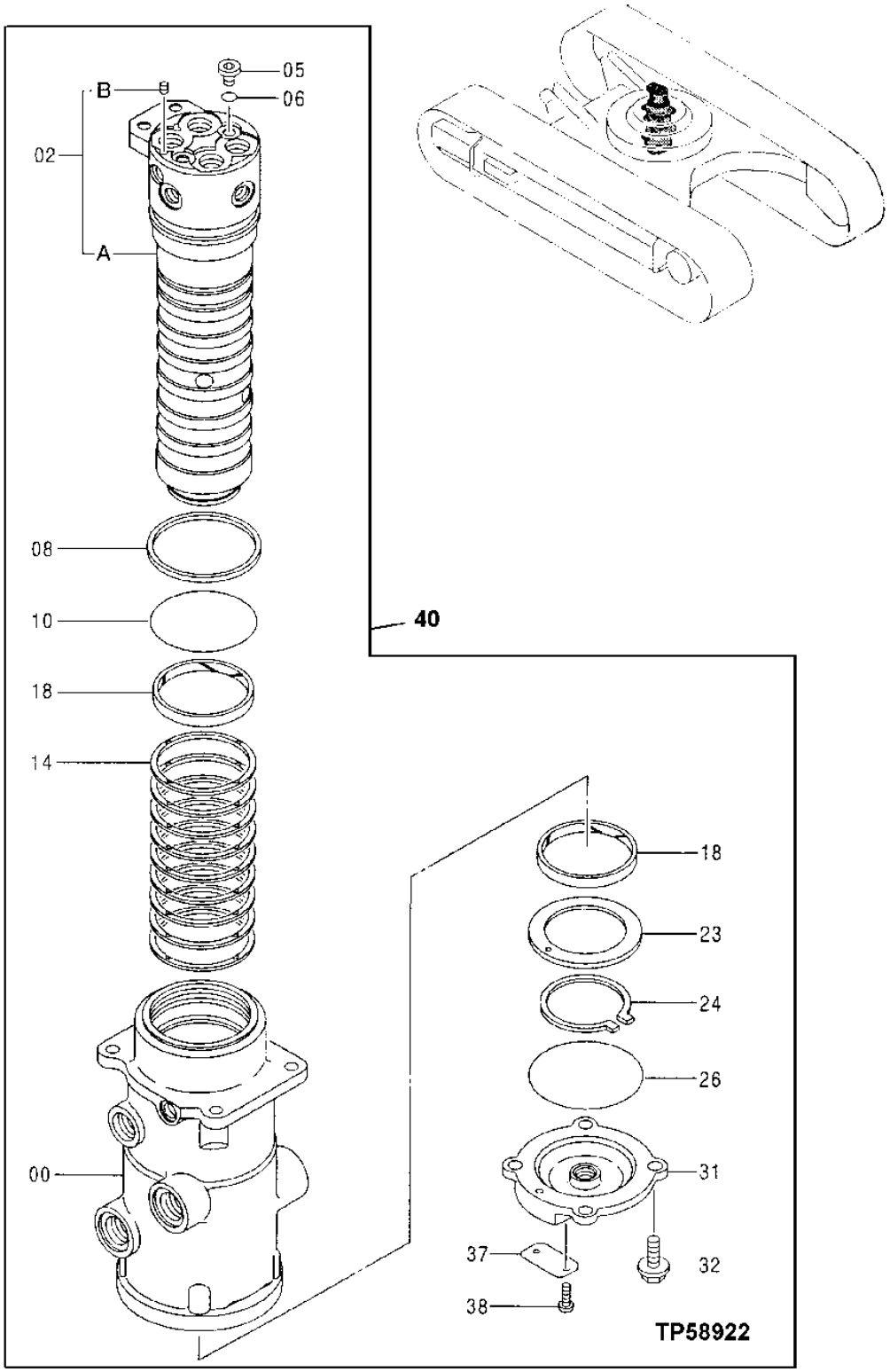


CENTER JOINT

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	9107265EX	JOINTER	1		(SUB FOR AT154528) (SUB FOR AT182278) (REMANUFACTURED)
8	AT154321	SEAL	1		
10	AT264418	O-RING	1		(SUB FOR 4367664, U46155)
14	AT154162	SEAL	6		
18	4241780	BUSHING	1		(SUB FOR AT154173)
23	3070250	RING	1		(SUB FOR AT203646)
24	40M7048	SNAP RING	1		
26	CH16109	PACKING	1		
31	2034607	COVER	1		(SUB FOR AT170452)
32	12M7066	LOCK WASHER	4		10 MM (0.394")
	19M7662	CAP SCREW	4		M10 X 30
40	37H99	SCREW	2		2.540 X 6.350 MM (0.100" X 1/4")

CENTER JOINT FOR USE WITH BLADE

TP58922 -UN-17JAN98

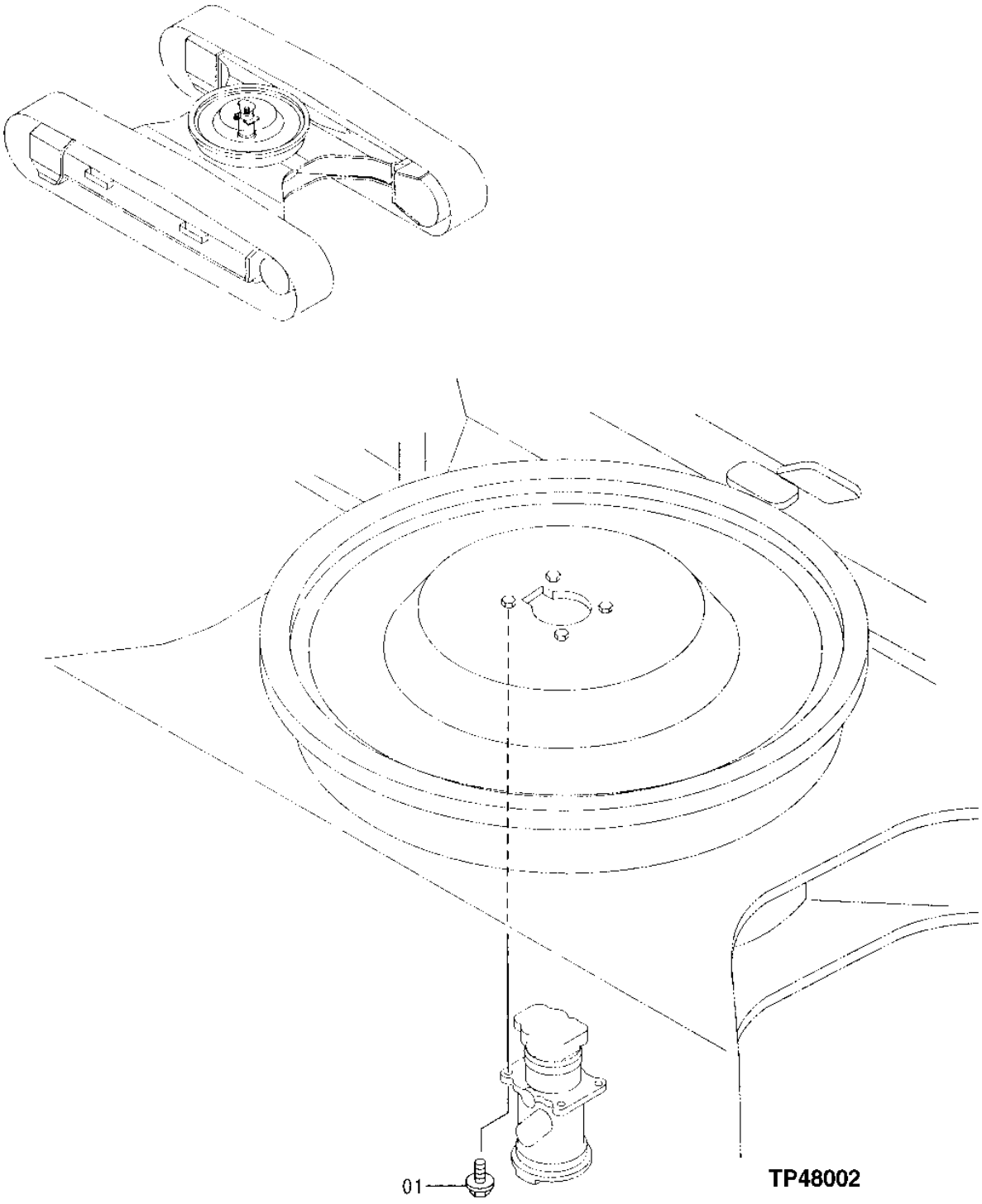


CENTER JOINT FOR USE WITH BLADE

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	.....	HOUSING	1		
2	.....	SPINDLE	1		
2A	.....	SPINDLE	1		
2B	.....	FITTING PLUG	1		
5	4336167	FITTING PLUG	2		(SUB FOR AT206055)
6	CH11570	O-RING	2		13.800 X 2.400 MM (0.543" X 0.094")
8	4359551	SEAL	1		DUST, (SUB FOR T165608)
10	4359552	O-RING	1		(SUB FOR T165609)
14	4359550	SEAL	9		OIL, (SUB FOR T165610)
18	4359549	BUSHING	2		(SUB FOR T165611)
23	4359548	RING	1		(SUB FOR T165612)
24	40M7150	SNAP RING	1		
26	CH13523	PACKING	1		
31	3074241	COVER	1		(SUB FOR T165613)
32	19M8011	CAP SCREW	4		M12 X 30
	12M7058	LOCK WASHER	4		12 MM (0.472") (SUB FOR 12M7067)
37	.....	IDENTIFICATION PLATE	1		
38	37H99	SCREW	2		2.540 X 6.350 MM (0.100" X 1/4")
40	9164866	HOUSING	1		(CENTER JOINT ASSEMBLY) (WITH ANTI-RUST PROTECTION) (SUB FOR AP35030) (SUB FOR AP35550)

CENTER JOINT SUPPORT

TP48002 -UN-28MAY96

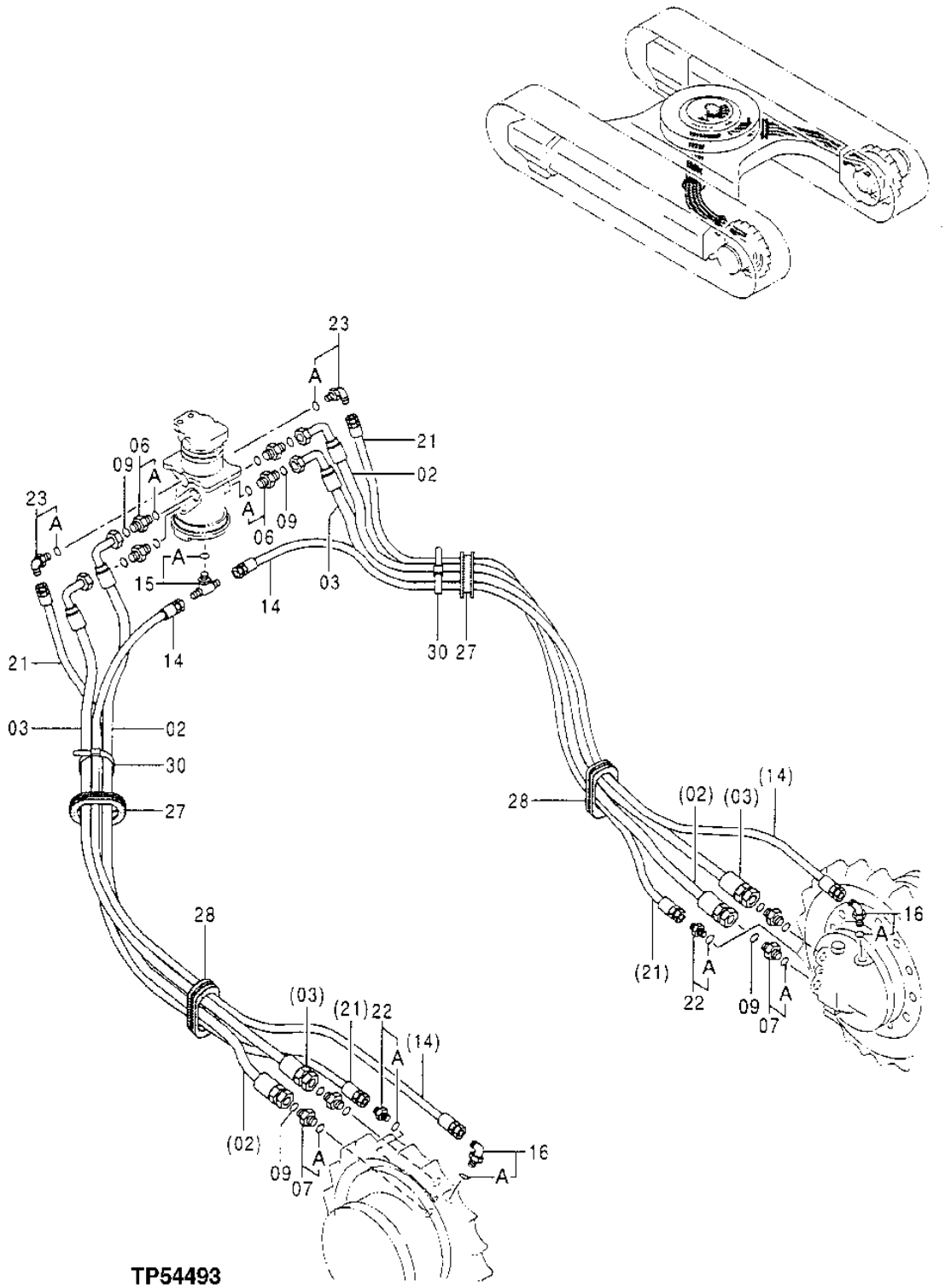


CENTER JOINT SUPPORT

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	12H301	LOCK WASHER	4		12.700 MM (1/2")
	19M7403	CAP SCREW	4		M12 X 35

TRAVEL PIPINGS

TP54493 -UN-17JAN97

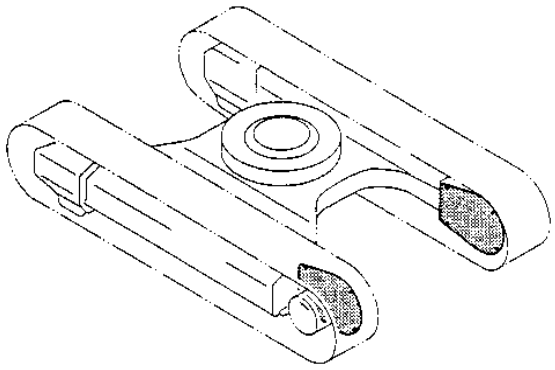


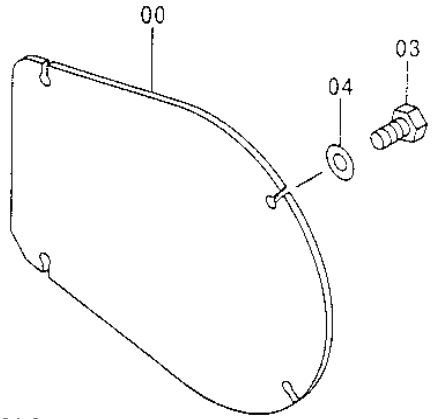
TRAVEL PIPINGS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
2	AP34631	HYDRAULIC HOSE - FABRICATE	2		
3	AP34632	HYDRAULIC HOSE - FABRICATE	2		
6	4188623	FITTING	4		(SUB FOR TH110492)
6A	AT318035	O-RING	1		(SUB FOR 4506424, TH100055)
7	4188623	FITTING	4		(SUB FOR TH110492)
7A	AT318035	O-RING	1		(SUB FOR 4506424, TH100055)
9	T77857	O-RING	8		12.421 X 1.778 MM (0.489" X 0.070")
14	AP34634	HYDRAULIC HOSE - FABRICATE	2		
15	AT318018	TEE FITTING	1		(SUB FOR 4221224, AT154156)
15A	4506418	O-RING	1		(SUB FOR U46489)
16	4154672	ELBOW FITTING	2		(SUB FOR TH101008)
16A	4506418	O-RING	1		(SUB FOR U46489)
21	AP34633	HYDRAULIC HOSE - FABRICATE	2		
22	4200465	ADAPTER	2		(SUB FOR TH108328)
22A	M800650	PACKING	1		
23	4154670	ELBOW FITTING	2		(SUB FOR TH100951)
23A	M800650	PACKING	1		
27	4334566	BUSHING	2		(SUB FOR AT176630)
28	4259604	GROMMET	2		(SUB FOR AT154268)
30	H77698	TIE BAND	2		

TRAVEL MOTOR COVER

TP54494 -UN-17JAN97





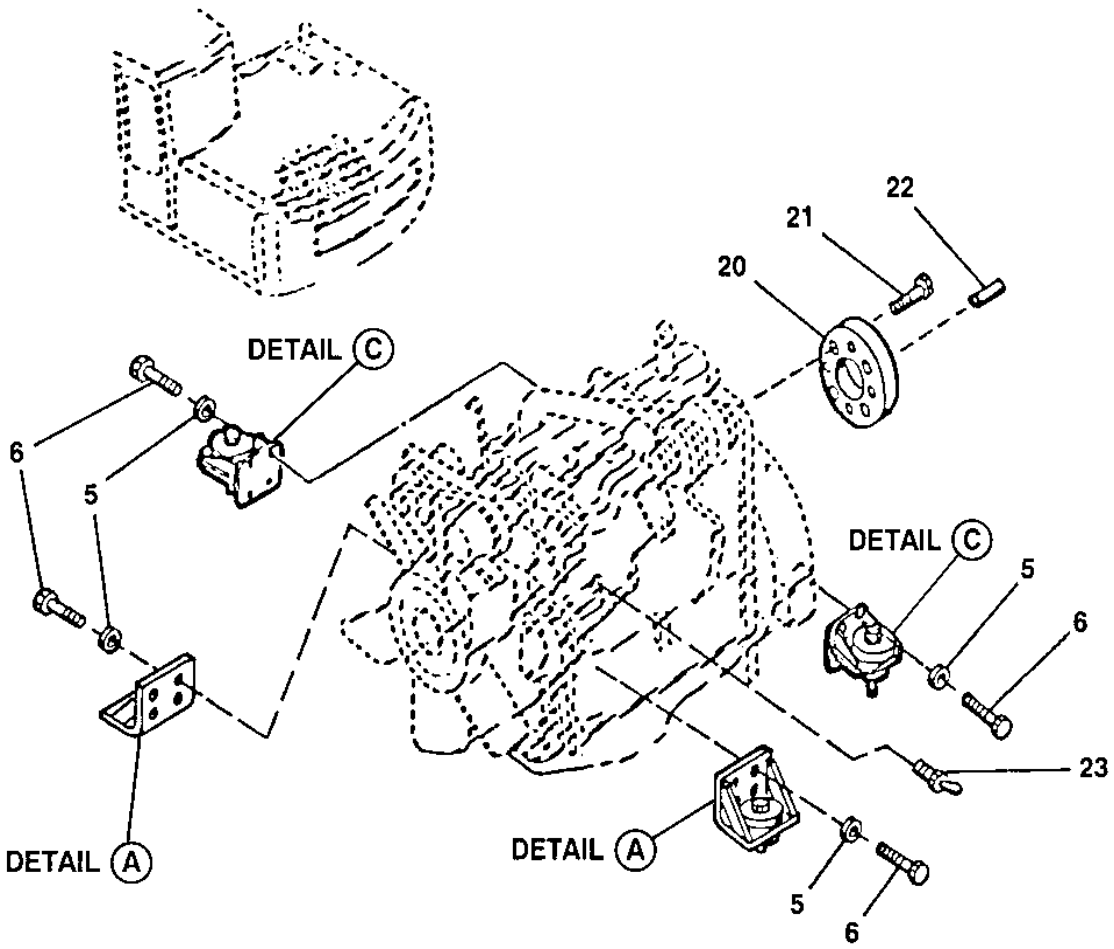
TP54494

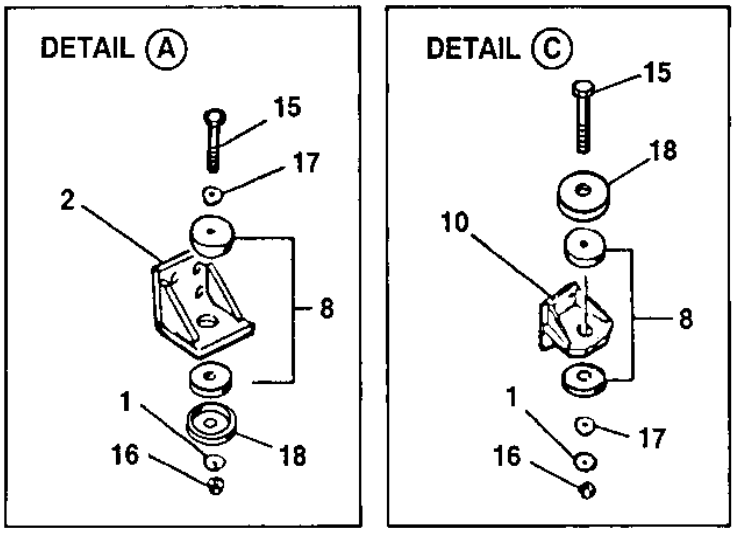
TRAVEL MOTOR COVER

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	P60463	COVER	2		(SUB FOR AT176629) (USE IF AVAILABLE)
	P60463	COVER	2		(SUB FOR AT176629)
3	19M6332	CAP SCREW	4		M14 X 35, (EACH SIDE OF UNIT)
4	J222014	WASHER	4		(SUB FOR AT200011) (EACH SIDE OF UNIT)

ENGINE MOUNTS
(SERIAL NO. -020009)

TP58798 -UN-11SEP97





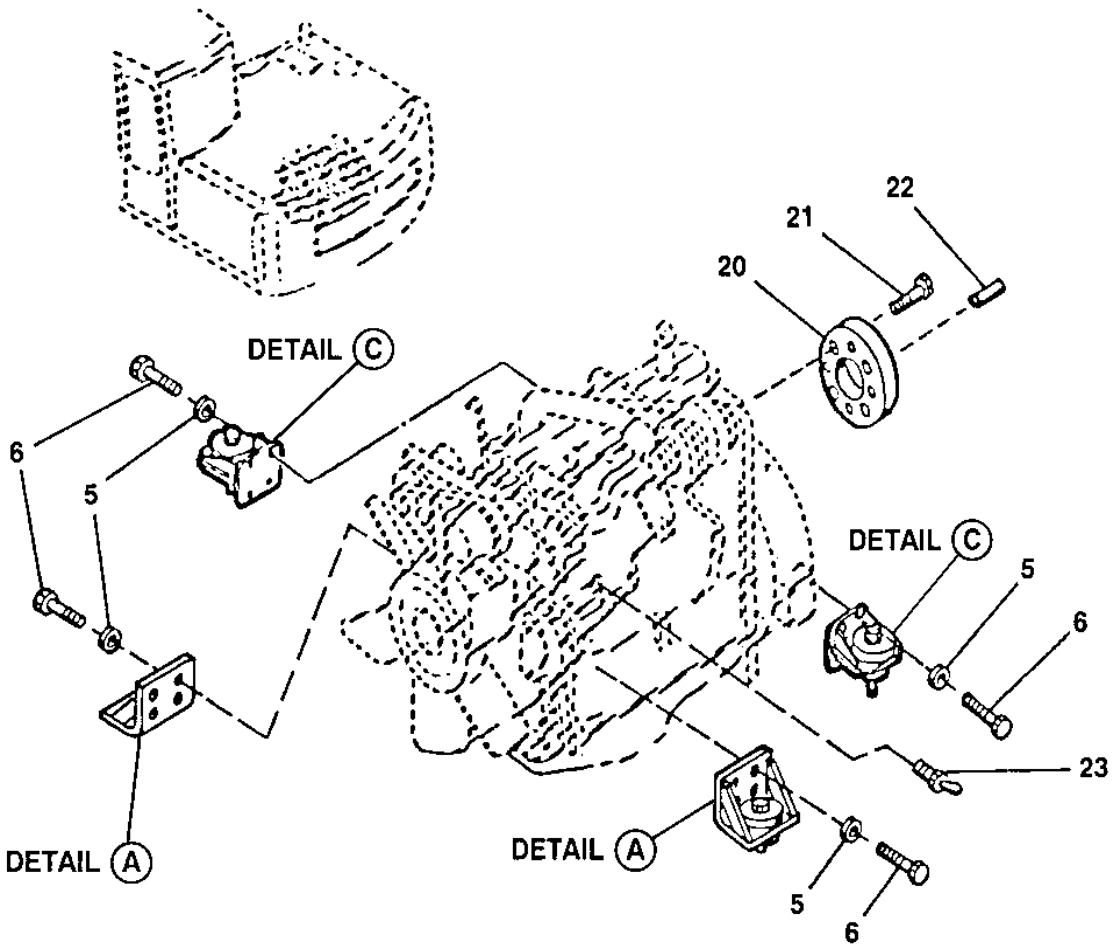
TP58798

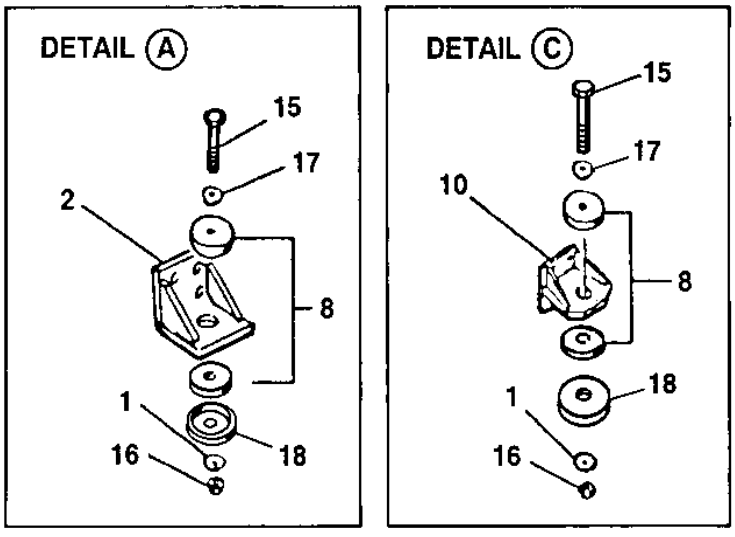
ENGINE MOUNTS
(SERIAL NO. -020009)

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	24M7241	WASHER	4		17 X 34 X 4 MM (0.669" X 1.339" X 0.157")
2	AP35226	SUPPORT	2		(SUB FOR AP33255)
5	T29342	WASHER	AR		13.487 X 31.750 X 4.572 MM (17/32" X 1-1/4" X 0.180")
6	19M7790	SCREW	AR		M12 X 35
8	AP35246	BRACKET	4		(SUB FOR RE60721 OR AP35225)
10	AP35227	SUPPORT	2		(SUB FOR AP33256)
15	19M8610	SCREW	4		M16 X 110
16	14M7328	LOCK NUT	4		M16
17	R111207	WASHER	4		16.700 X 71.500 X 5 MM (0.657" X 2.815" X 0.197")
18	P61093	RETAINER	4		
20	P64258	SPACER	1		
21	T108085	CAP SCREW	4		
22	34M7117	SPRING PIN	2		5 X 10 MM (0.197" X 0.394")
23	4374306	SENSOR	1		(SUB FOR AT215102) (TEMPERATURE)

ENGINE MOUNTS
(SERIAL NO. 020010-)

TP59073 -UN-17APR98





TP59073

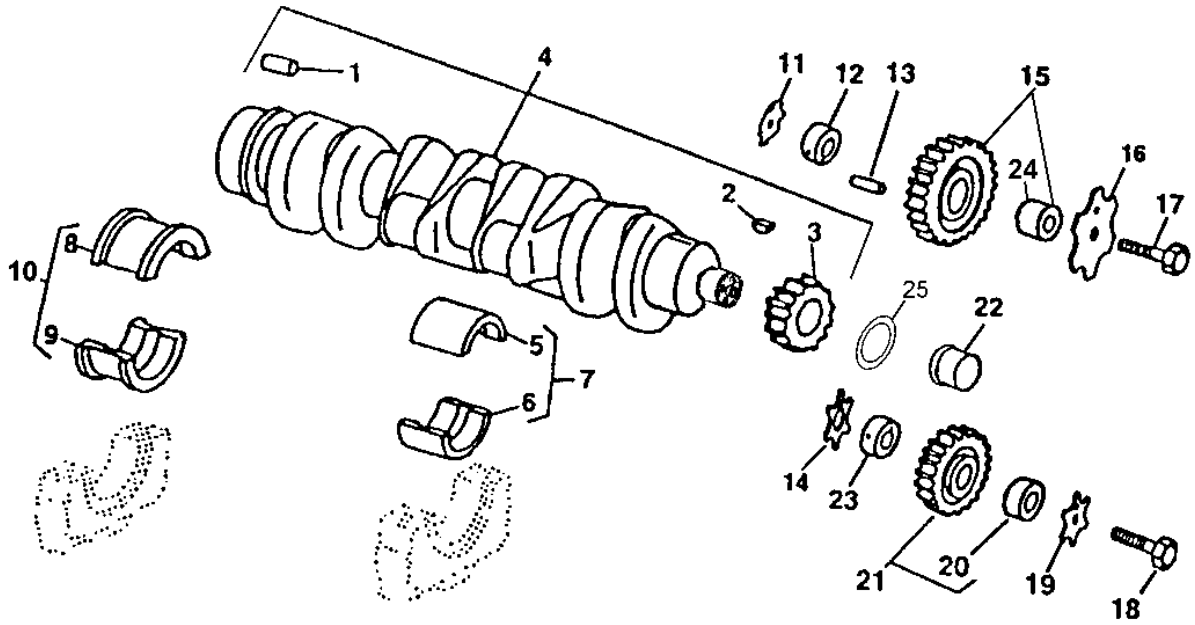
ENGINE MOUNTS
(SERIAL NO. 020010-)

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	24M7241	WASHER	4		17 X 34 X 4 MM (0.669" X 1.339" X 0.157")
2	AP35226	SUPPORT	2		(SUB FOR AP33255)
5	T29342	WASHER	AR		13.487 X 31.750 X 4.572 MM (17/32" X 1-1/4" X 0.180")
6	19M7790	SCREW	AR		M12 X 35
8	AP35246	BRACKET	4		(SUB FOR RE60721 OR AP35225)
10	AP35227	SUPPORT	2		(SUB FOR AP33256)
15	19M8610	SCREW	4		M16 X 110
16	14M7328	LOCK NUT	4		M16
17	R111207	WASHER	4		16.700 X 71.500 X 5 MM (0.657" X 2.815" X 0.197")
18	P61093	RETAINER	4		
20	P64258	SPACER	1		
21	T108085	CAP SCREW	4		
22	34M7117	SPRING PIN	2		5 X 10 MM (0.197" X 0.394")
23	4374306	SENSOR	1		(SUB FOR AT215102) (TEMPERATURE)

MEMORANDA

CRANKSHAFT, GEAR AND MAIN BEARINGS
T04045TT054
(ENG. SERIAL NO.704562-803026)

T155453 -UN-05JUN02

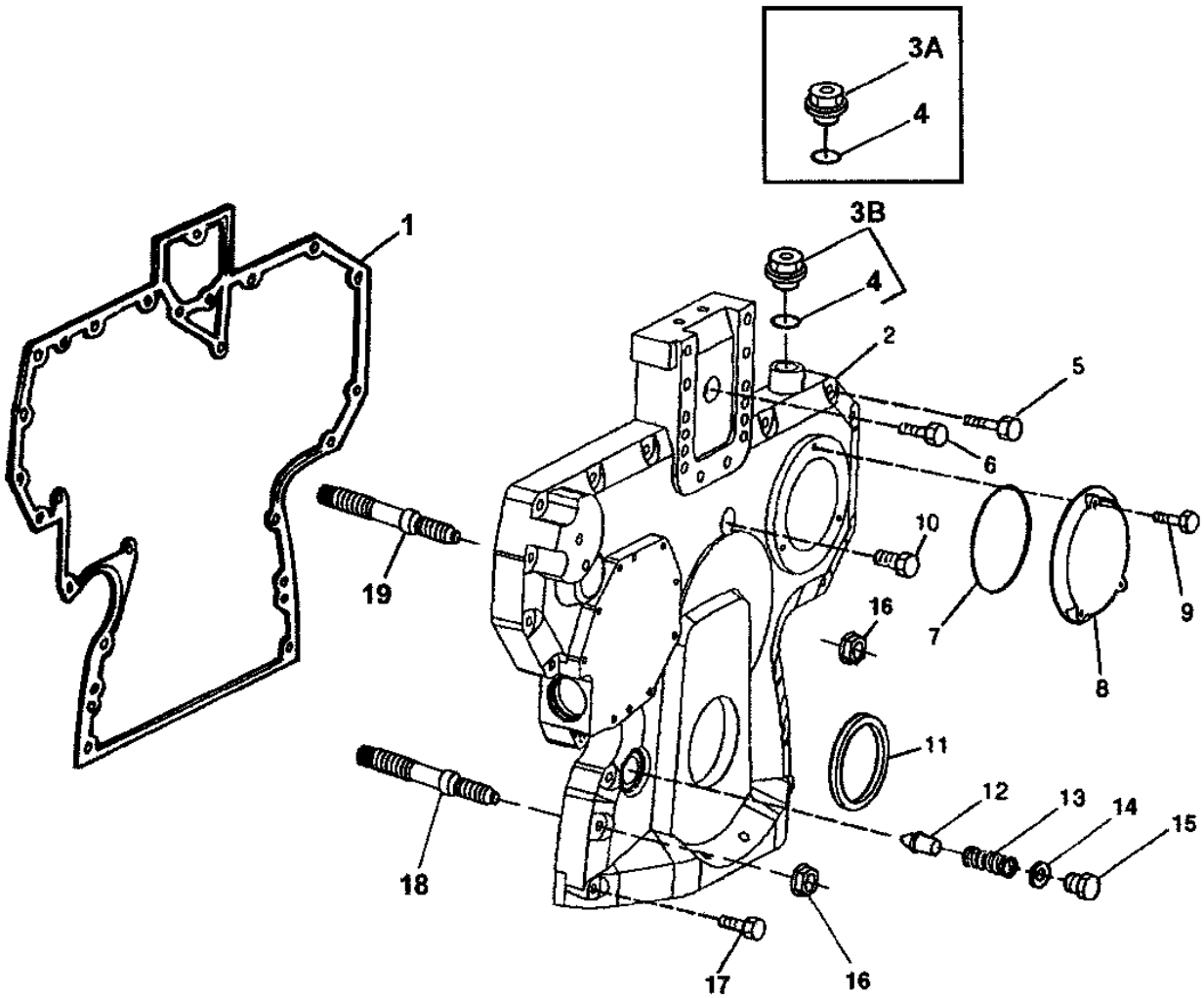


T155453

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R48685	DOWEL PIN	1		12.700 X 28.448 MM (1/2" X 1.120")
2	26M4224	SHAFT KEY	1		4 X 16 MM, (USE WITH RE50618)
	R505609	SHAFT KEY	1		(USE WITH RE504638)
3	R120631	HELICAL GEAR	1		(30 TEETH)
4	RE50618	CRANKSHAFT	1	-903066	(MARKED R113596) (SUB RE504638 AND RE516340) (ALSO ORDER RE59811)
	RE504638	CRANKSHAFT	1	903067-	(MARKED R113596) (ALSO ORDER RE516340)
5	.....	BEARING	4		STANDARD UPPER, (MARKED R123561)
6	.....	BEARING	4		STANDARD LOWER, (MARKED R123562)
7	RE65165	BEARING KIT	4		STANDARD
8	.....	BEARING	1		STANDARD UPPER, (MARKED R123563)
9	.....	BEARING	1		STANDARD LOWER, (MARKED R123564)
10	RE65168	BEARING KIT	1		STANDARD
11	R123174	LOCK WASHER	1	-766938	
	R101225	THRUST WASHER	1	766939-	
12	R120641	SHAFT	1	-766938	UPPER
	R109863	SHAFT	1	766939-	
13	34H288	SPRING PIN	1	-766938	4.775 X 44.450 MM (3/16" X 1-3/4")
14	R101225	THRUST WASHER	1		
15	RE56313	GEAR	1	-766938	(MARKED R120635)
	RE500631	GEAR	1	766939-	(MARKED R500363)
16	R131206	THRUST WASHER	1	-766938	
	R131283	THRUST WASHER	1	766939-	
17	19M8997	SCREW	1	-766938	M10 X 65
	19M8844	SCREW	1	766939-	M10 X 60
18	19M8966	SCREW	1		M10 X 50
19	R131283	THRUST WASHER	1		
20	R114193	BUSHING	1		
21	RE56369	GEAR	1		
22	RE59811	SLEEVE	1		
23	R114194	SHAFT	1		
24	.....	BUSHING	1	-766938	
	T20034	BUSHING	1	766939-	
25	RE516340	KIT	1	903067-	(USE WITH RE504638)

TIMING GEAR COVER
T04045TT054
(ENGINE SERIALNUMBER 704562-803026)

TP62378 -UN-12APR00



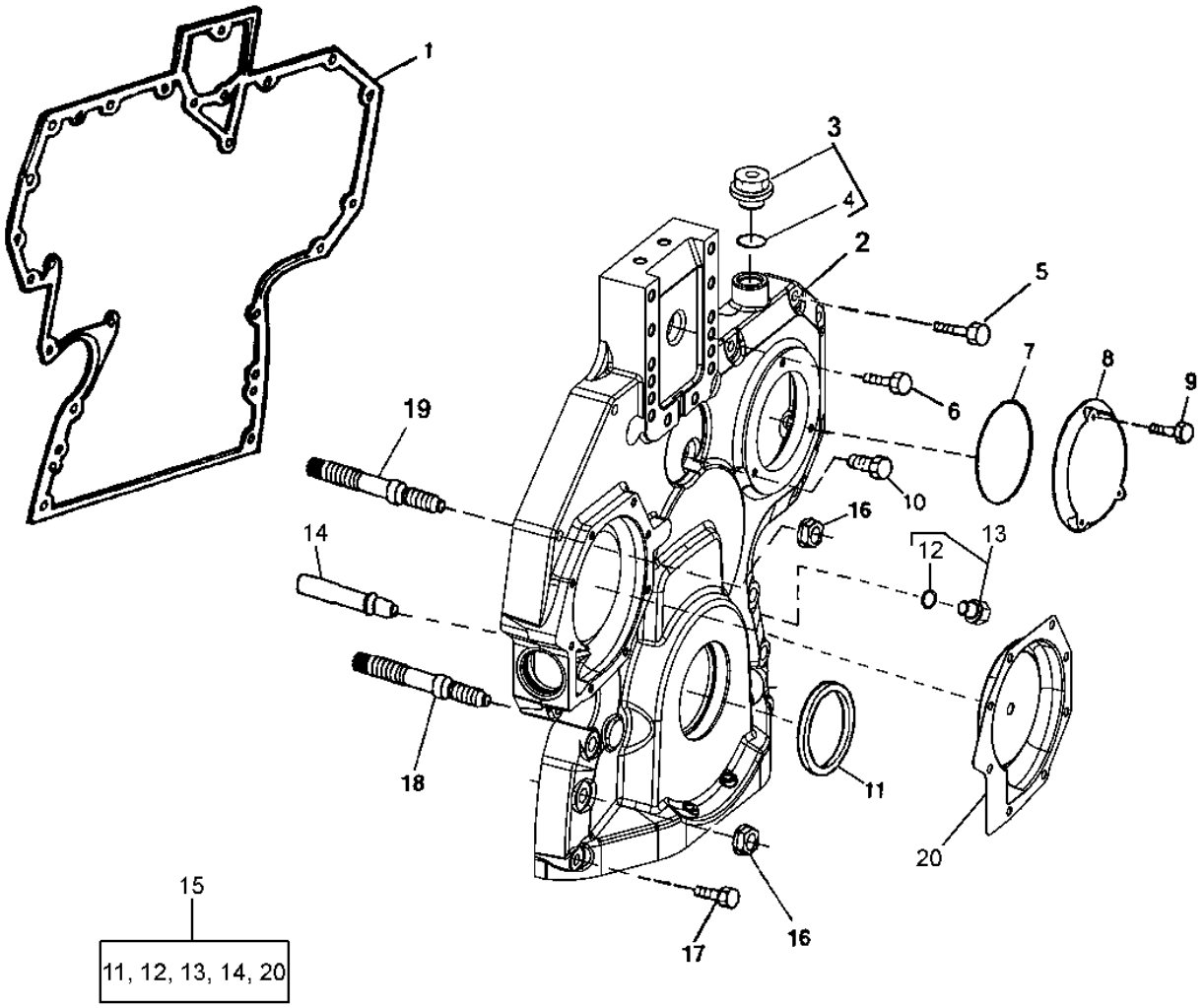
TP62378

TIMING GEAR COVER
T04045TT054
(ENGINE SERIAL NUMBER 704562-803026)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R136516	GASKET	1		
2	R505462	COVER	1		(SUB FOR R134531) (SUB R504725 AND RE515978)
3A	R101085	DRAIN PLUG	1		(SUB RE501938, THIS APPLICATION)
3B	RE501938	PLUG	1		
4	51M7044	O-RING	1		17.300 X 2.200 MM
5	19M8317	SCREW	6		M8 X 40
	19M7801	SCREW	1		M8 X 60
	19M7867	SCREW	1		M8 X 25
	RE67239	SCREW	1		
6	19M8291	SCREW	1		M8 X 35
7	R121424	O-RING	1		
8	R121411	COVER	1		
9	19M7775	SCREW	3		M6 X 16
10	19M7801	SCREW	1		M8 X 60
11	RE516340	KIT	1		(MARKED RE52346 OR RE505515) (SUB FOR RE59810)
12	R83169	VALVE	1		
13	R131425	COMPRESSION SPRING	1		
14	A4827R	WASHER	1		
15	R91692	PLUG	1		OIL PRESSURE REGULATING
16	14M7296	FLANGE NUT	4		M10
17	19M7979	SCREW	2		M8 X 55
18	R123584	STUD	4		
19	R134518	STUD	2		

REPLACEMENT TIMING GEAR COVER
T04045TT054
(ENGINE SERIAL NO. 704562-803026)

T149705 -UN-07FEB02



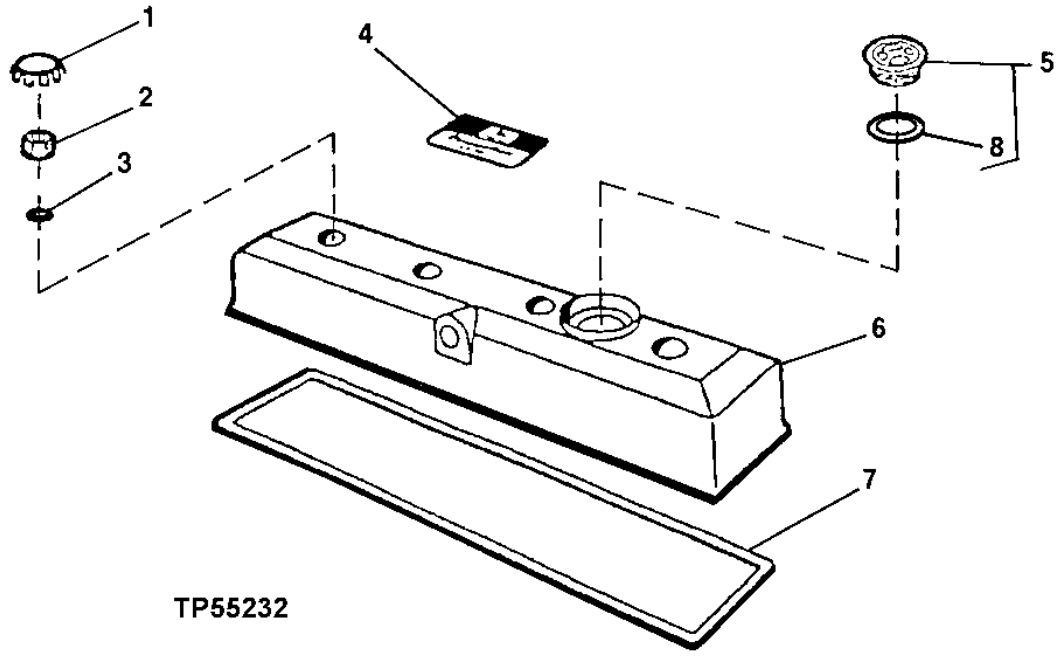
T149705

REPLACEMENT TIMING GEAR COVER
T04045TT054
(ENGINE SERIAL NO. 704562-803026)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R136516	GASKET	1		
2	R504725	COVER	1		
3	RE501938	PLUG	1		(WITHOUT TACHOMETER SENSOR)
4	51M7044	O-RING	1		17.300 X 2.200 MM
5	19M8317	SCREW	6		M8 X 40
	19M7867	SCREW	1		M8 X 25
	RE67239	SCREW	1		
6	19M8291	SCREW	1		M8 X 35
7	R121424	O-RING	1		
8	R121411	COVER	1		
9	19M7775	SCREW	3		M6 X 16
10	19M7801	SCREW	1		M8 X 60
11	RE516340	SEAL	1		(MARKED RE52346 OR RE505515) (SUB FOR RE59810)
12	51M7044	O-RING	1		17.300 X 2.200 MM
13	RE501938	PLUG	1		
14	RE505501	BLEED VALVE	1		
15	RE515978	KIT	1		
16	14M7296	FLANGE NUT	6		M10
17	19M7979	SCREW	2		M8 X 55
18	R123584	STUD	4		
19	R134518	STUD	2		
20	RE508566	KIT	1		(WATER PUMP INSERT REPAIR)

ROCKER ARM COVER, T04045TT054 (ENG. SERIAL NO.704562-803026)

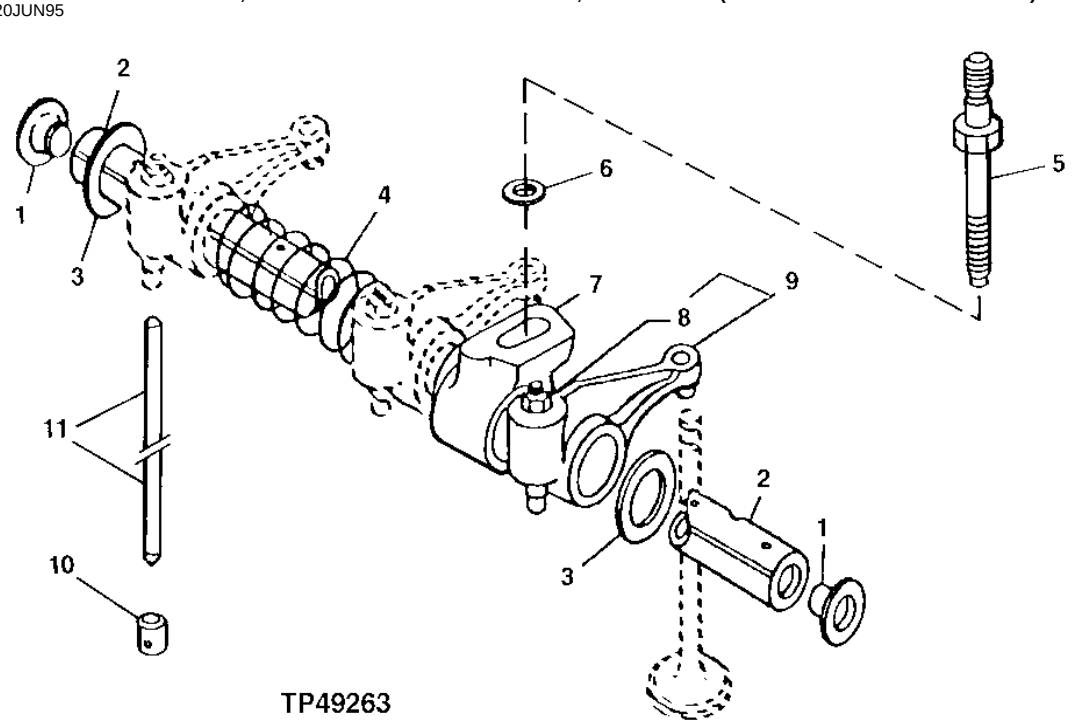
TP55232 -UN-11NOV97



KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	H23125	PLUG	4		
2	R123574	NUT	4		
3	R123575	O-RING	4		
4	R116324	MEDALLION	1		
5	RE500005	FILLER CAP	1		
6	RE70403	VALVE COVER	1		
7	R123542	GASKET	1		
8	R500001	PACKING	1		(USE WITH RE500005)

ROCKER ARM SHAFT, PUSH RODS AND ROCKER ARMS, T04045TT054 (ENG. SERIAL NO.704562-803026)

TP49263 -UN-20JUN95

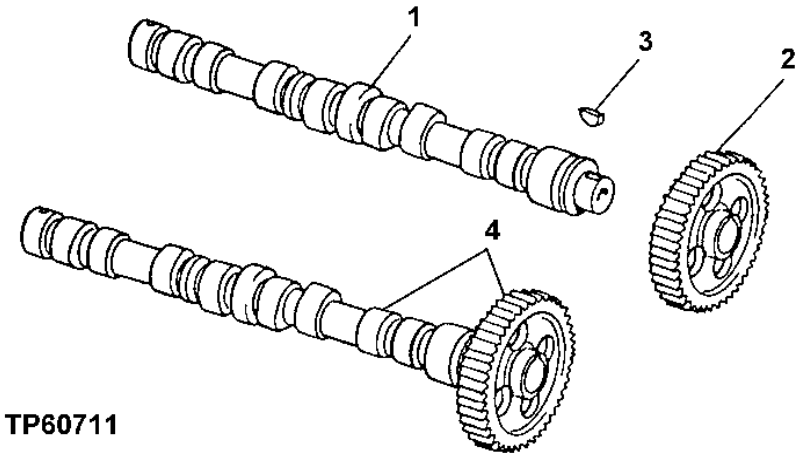


TP49263

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R54565	PLUG	2		
2	R123513	ROCKER ARM SHAFT	1		
3	T20316	WASHER	2		
4	T20314	SPRING	3		
5	R123271	STUD	4		
6	R42729	WASHER	4		
7	R123161	SUPPORT	4		
8	14M7148	NUT	1		M10
9	RE68695	ROCKER ARM	8		
10	R123565	FOLLOWER	8		
11	R107731	PUSH ROD	8		

CAMSHAFT, T04045TT054 (ENG. SERIAL NO.704562-803026)

TP60711 -UN-17JUN98

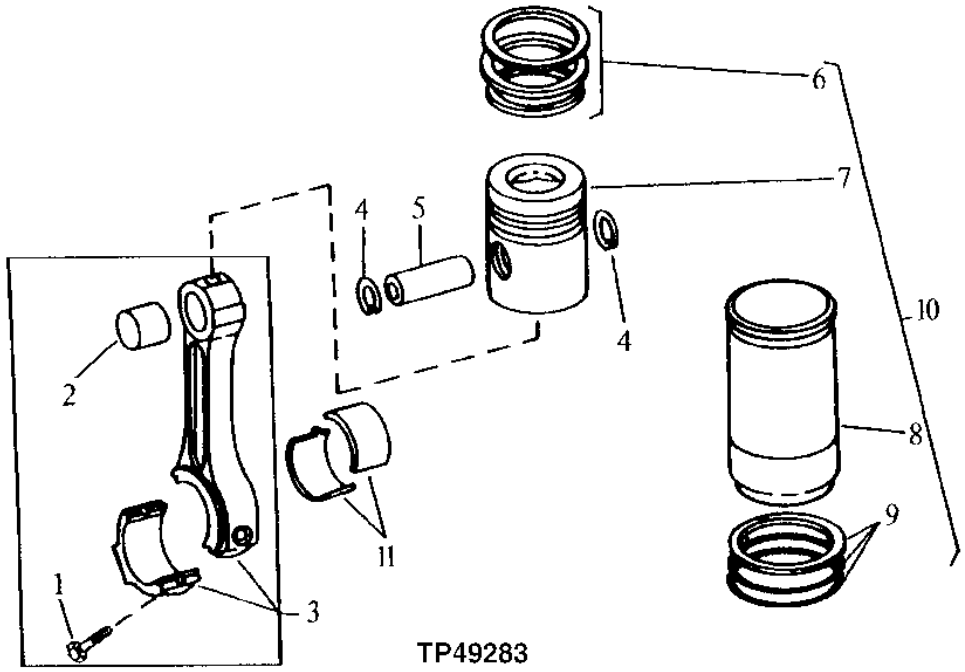


KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	.....	CAMSHAFT	1		(R135439 NO LONGER AVAILABLE)
2	.....	GEAR	1		(60 TEETH) (R133812 NO LONGER AVAILABLE)
3	.....	SHAFT KEY	1		(R133303 NO LONGER AVAILABLE)
4	RE56375	CAMSHAFT	1		(WITH GEAR AND KEY) (MARKED R135439)

MEMORANDA

CONNECTING ROD,BEARINGS AND PISTON, T04045TT054 (ENG. SERIAL NO.704562-803026)

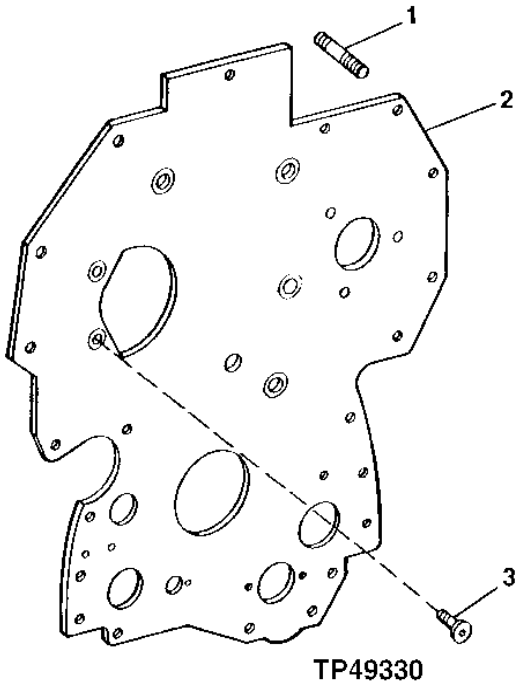
TP49283 -UN-17JUL95



KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R114083	SCREW	8	-793837	(SUB FOR R500500) (USE WITH ROD MARKED R114081)
	R501124	SCREW	8	793838-	(USE WITH ROD MARKED R500335)
2	R114082	BUSHING	4		
3	RE50770	CONNECTING ROD	4	-793837	(MARKED R114081) (SUB RE500608)
	RE500608	CONNECTING ROD	4		(MARKED R500335)
4	R54114	SNAP RING	8		
5	R123177	PISTON PIN	4		
6	RE507852	PISTON RING KIT	4		(SUB FOR RE66820)
7	.....	PISTON	4		
8	.....	CYLINDER LINER	4		
9	AR65507	O-RING KIT	4		CYLINDER LINER
10	RE505112	PISTON-LINER KIT	4		PISTON WITH LINER, (SUB FOR RE65969)
11	RE65908	BEARING	4		STANDARD

ENGINE FRONT PLATE
T04045TT054
(ENG. SERIAL NO.704562-803026)

TP49330 -UN-14NOV95

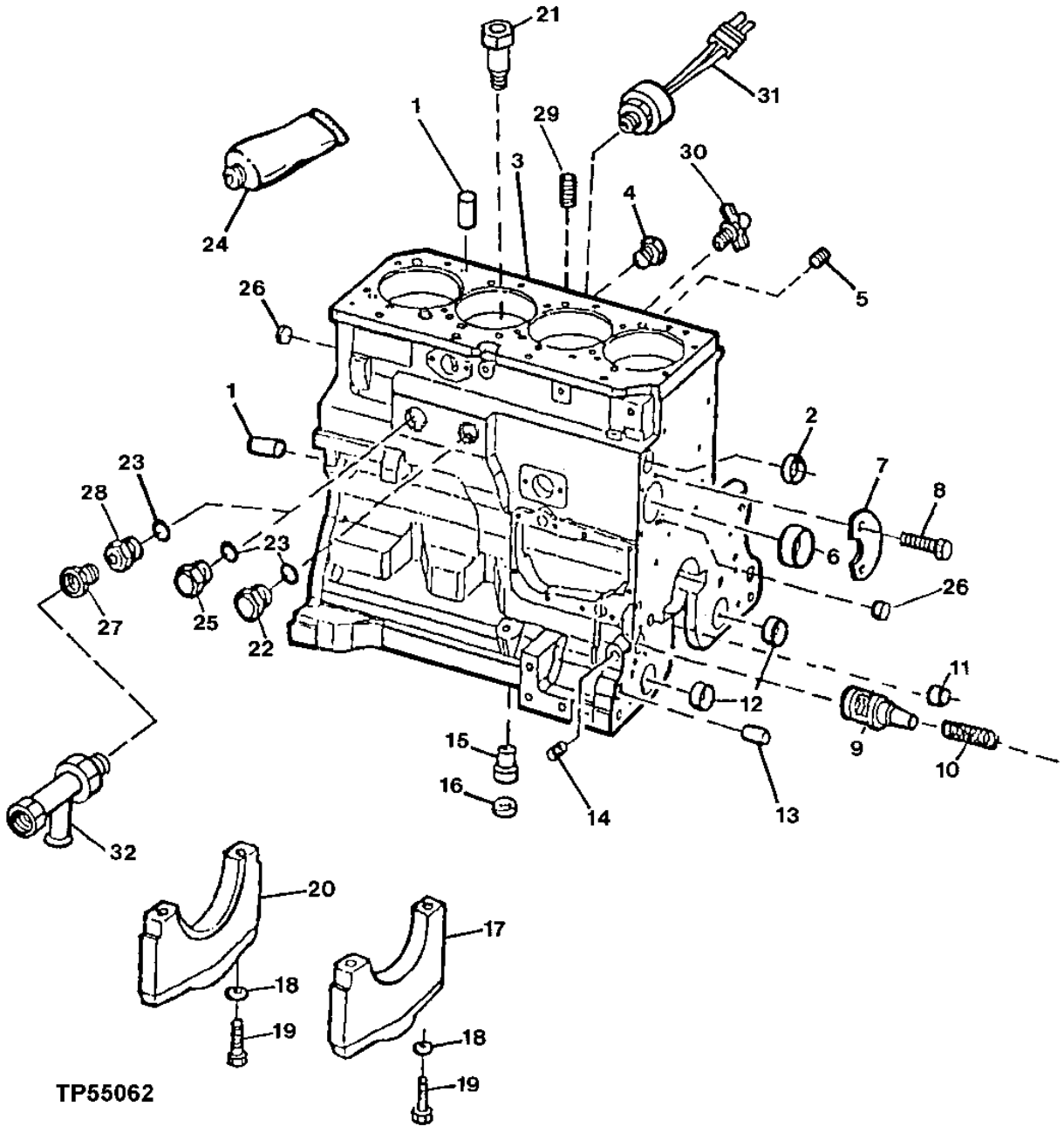


TP49330

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R134518	STUD	2		
2	R134527	PLATE	1		
3	R136475	SCREW	6		

CYLINDER BLOCK AND MAIN BEARING CAP, T04045TT054 (ENG. SERIAL NO.704562-803026)

TP55062 -UN-21APR97

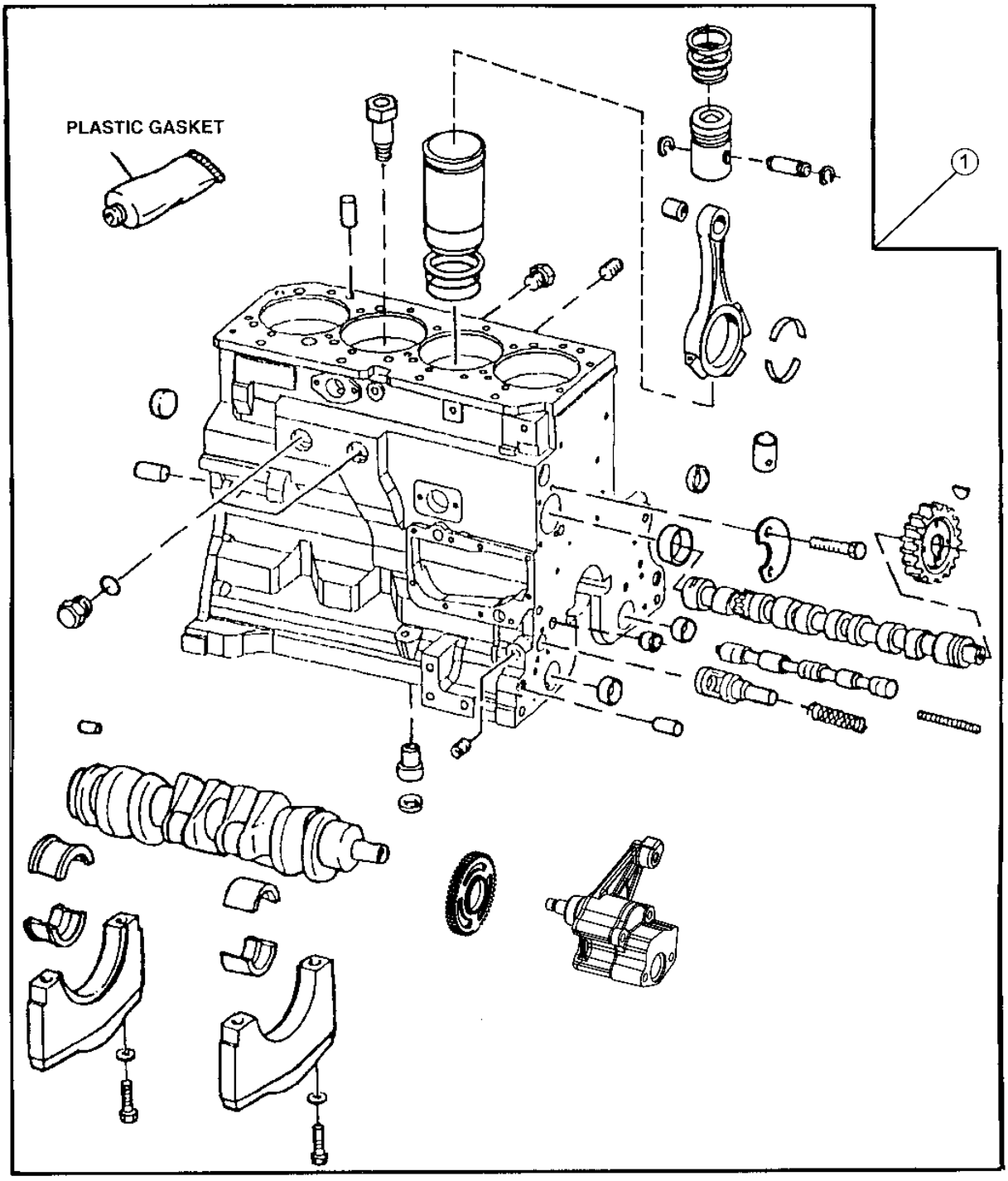


CYLINDER BLOCK AND MAIN BEARING CAP, T04045TT054 (ENG. SERIAL NO.704562-803026)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R48685	DOWEL PIN	4		
2	R116466	PLUG	1		
3	.....	CYLINDER BLOCK	1		(MARKED R115081) (ORDER RE516101)
4	R55233	PIPE PLUG	1		COOLANT DRAIN
5	R104592	PIPE PLUG	5		
6	R119874	BUSHING	1		CAMSHAFT
7	R132518	PLATE	1		
8	19M8999	SCREW	2		M8 X 25
9	R121043	FLOW CONTROL HYD. VALVE	1		ENGINE OIL BY-PASS
10	R111137	SPRING	1		
11	R26493	BUSHING	1		OIL PRESSURE REGULATING
12	R115299	BUSHING	6		BALANCER SHAFT
13	R26650	DOWEL PIN	2		
14	15H623	PIPE PLUG	1		3/8"
15	R115390	BUSHING	1		
16	R75892	O-RING	1		
17	R114241	BEARING CAP	4		
18	T20168	WASHER	10		
19	T23474	CAP SCREW	10		
20	R132186	BEARING CAP	1		
21	R131182	ORIFICE	4		
22	R39741	DRAIN PLUG	1		
23	U13639	O-RING	2		
24	PM38655	SEALANT	1		(SUB FOR TY6304) LIQUID GASKET
25	R39741	DRAIN PLUG	1		WITHOUT CAB HEATER
26	T18891	PLUG	2		
27	RE46685	PLUG	1		WITHOUT CAB HEATER
28	R123616	PLUG	1		WITH CAB HEATER
29	15H624	PIPE PLUG	AR		1/2"
30	AT13740	DRAIN VALVE	1		
31	AT145384	SWITCH	1		ENGINE OIL PRESSURE
32	RE507952	DRAIN VALVE	1		(SUB FOR RE59579, THIS APPLICATION) (WITH CAB HEATER)

ENGINE SHORT BLOCK
(ENG. SERIAL NO.704562-803026)

T156111 -UN-13JUN02



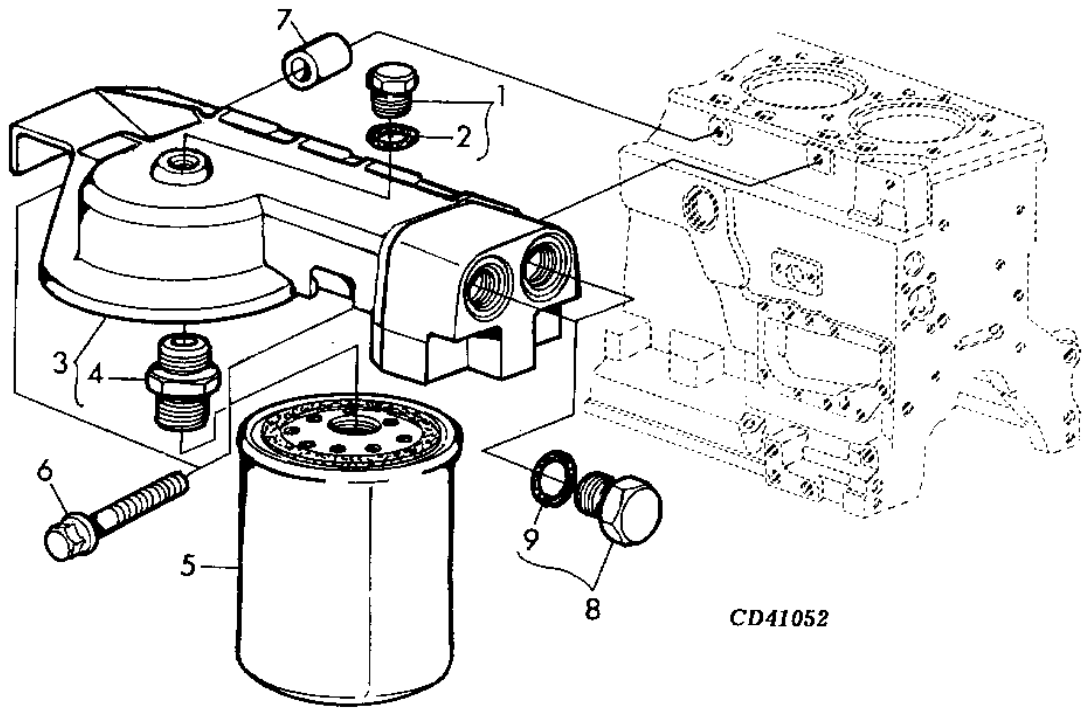
T156111

ENGINE SHORT BLOCK
(ENG. SERIAL NO.704562-803026)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	RE516101	SHORT BLOCK ASSEMBLY	1		(MARKED R115081) (SUB FOR RE65957) (DOES NOT INCLUDE FRONT PLATE)

OIL FILTER HEADER AND FILTER ELEMENT
T04045TT054
(ENGINE SERIAL NO.704562-803026)

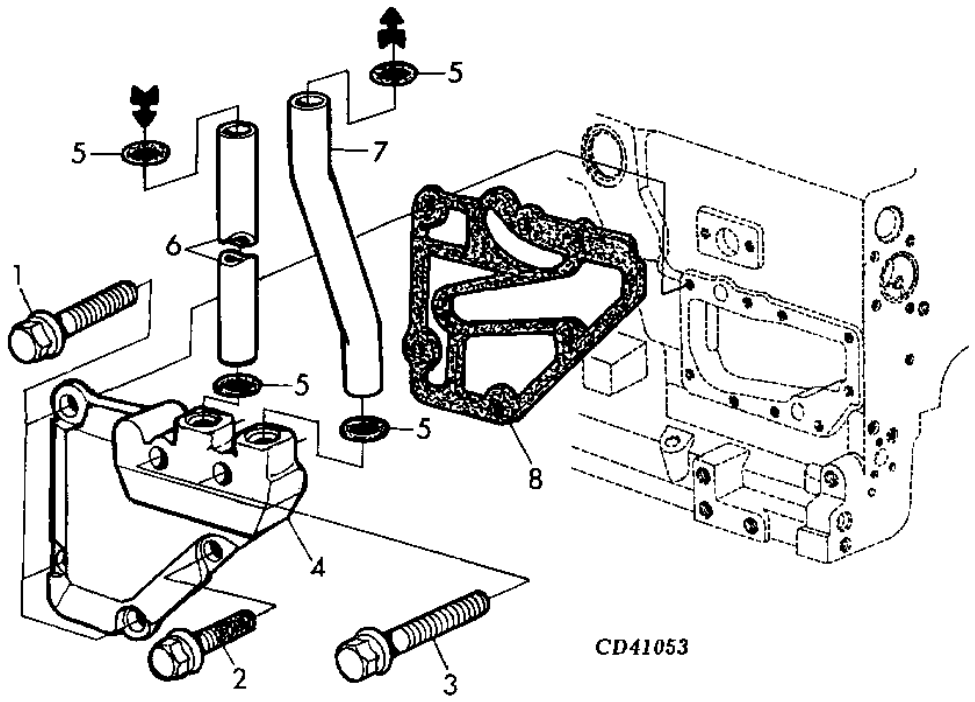
CD41052 -UN-05DEC96



KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	RE46716	FITTING PLUG	1		M16 X 1.5
2	51M7042	O-RING	1		13.300 X 2.200 MM
3	RE59906	FILTER HEAD	1		(MARKED R123474 OR R134570) (SUB RE509313)
4	.....	ADAPTER	1		(R123591 NO LONGER AVAILABLE, FURNISH RE503727)
5	RE59754	OIL FILTER	1		
	RE67764	OIL FILTER	1		(HIGH CAPACITY OIL FILTER)
6	19M7835	SCREW	2		M10 X 35
7	R114358	SPACER	1		12.500 X 25.400 X 12.700 MM
8	RE46687	DRAIN PLUG	2		M22 X 1.5
9	51M7045	O-RING	1		19.300 X 2.200 MM

OIL FILTER HEADER OIL TUBES AND ADAPTER
T04045TT054
(ENG. SERIAL NO.704562-803026)

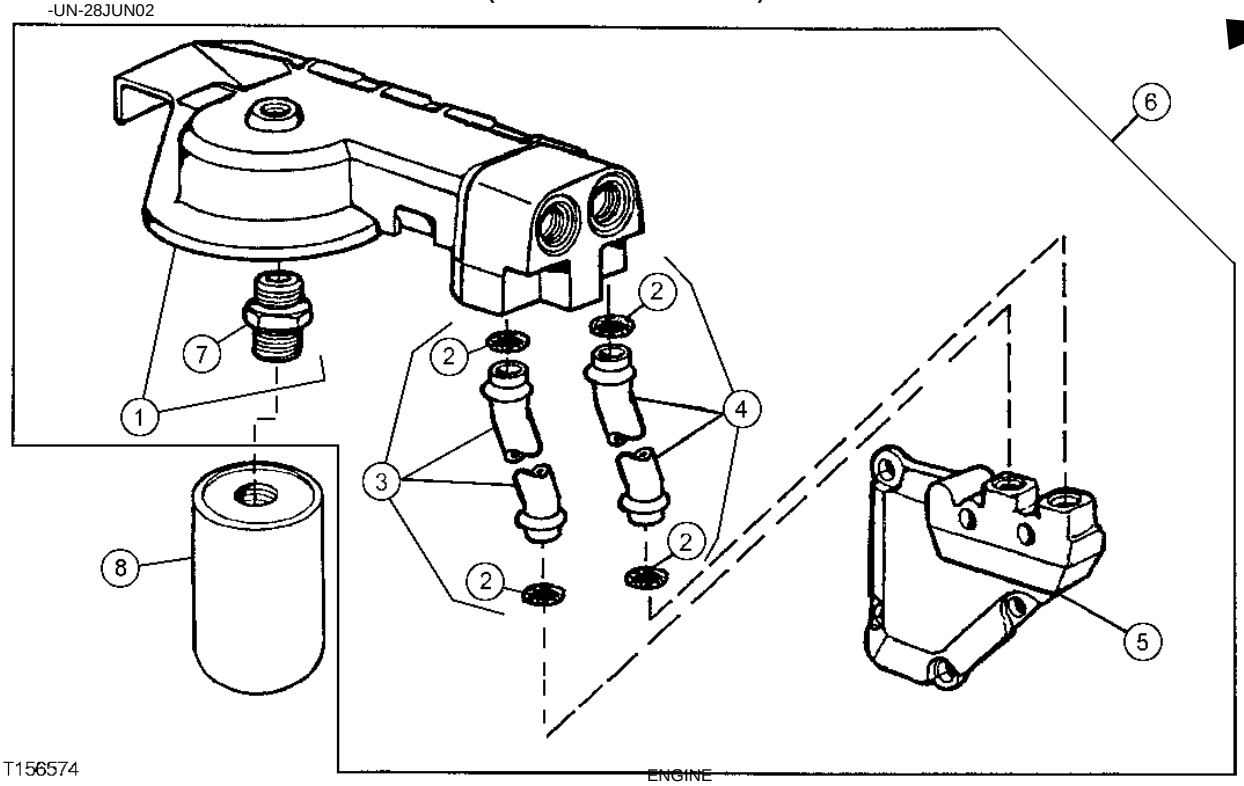
CD41053 -UN-05DEC96



KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	19M7802	SCREW	3		M8 X 65
2	RE67238	SCREW	1		M8 X 20 (WITH SEALANT)
3	19M7913	SCREW	2		M8 X 90
4	R135916	ADAPTER	1		(SUB RE504472)
5	R72328	O-RING	4		
6	R135270	TUBE	1		
7	R135271	TUBE	1		
8	R123504	GASKET	1		

REPLACEMENT ENGINE OIL FILTER HEADER KIT
T04045TT054
(ENG.SER.NO.704562-803026)

T156574 -UN-28JUN02



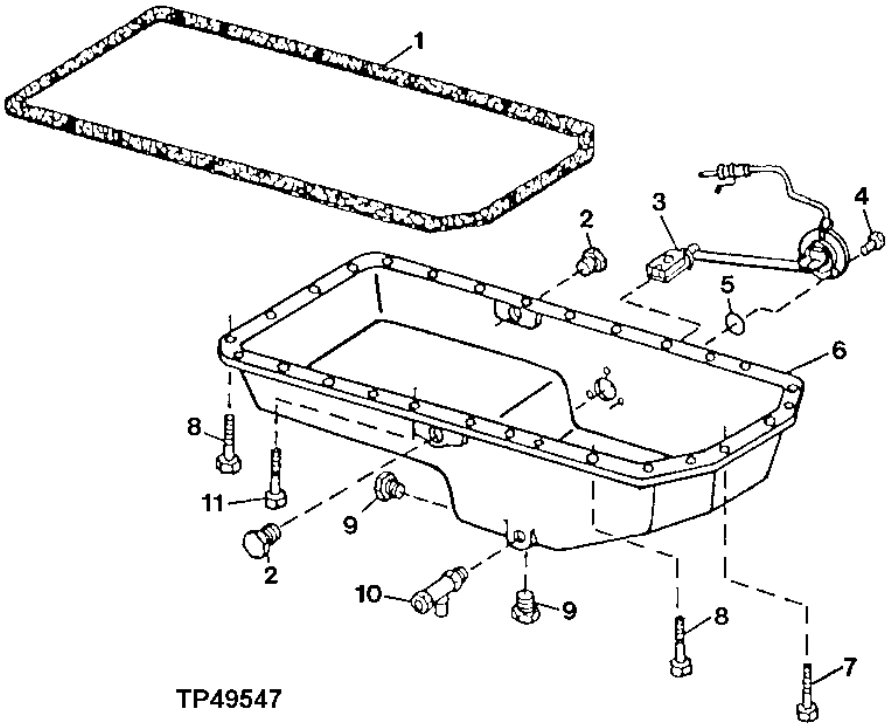
T156574

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	RE503727	FILTER HEAD	1		(MARKED R501439)
2	R56462	O-RING	4		
3	RE502660	TUBE	1	-850705	(REAR)
	RE506818	TUBE	1	850706-	
4	RE502661	TUBE	1	-850705	(FRONT)
	RE506819	TUBE	1	850706-	
5	R501436	ADAPTER	1		
6	RE509313	FILTER HEAD	1		(SUB FOR RE504472)
7	.....	ADAPTER	1		(R123591 NO LONGER AVAILABLE,FURNISH RE503727)
8	RE59754	OIL FILTER	1		
	RE67764	OIL FILTER	1		(HIGH CAPACITY OIL FILTER)

MEMORANDA

ENGINE OIL PAN, T04045TT054 (ENG. SERIAL NO.704562-803026)

TP49547 -UN-12FEB97



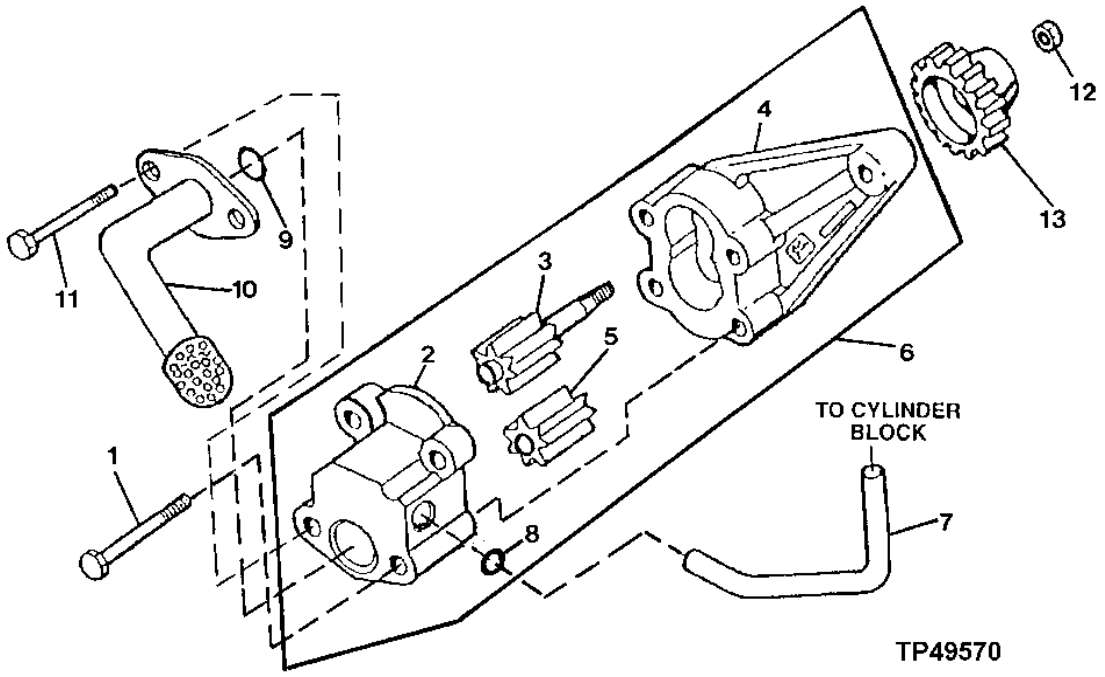
TP49547

ENGINE OIL PAN, T04045TT054 (ENG. SERIAL NO.704562-803026)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R123353	GASKET	1		
2	RE46687	DRAIN PLUG	2		
3	RE16223	SENSOR	1		ENGINE OIL LEVEL
4	19M8425	CAP SCREW	3		M6 X 16
5	R47154	O-RING	1		
6	R121622	OIL PAN	1		
7	19M7868	SCREW	4		M8 X 30
8	19M7867	CAP SCREW	24		M8 X 25
9	RE46685	PLUG	2		
10	RE507952	DRAIN VALVE	1		(SUB FOR RE59579, THIS APPLICATION)
11	19M7799	PLUG	4		M8 X 45

ENGINE OIL PUMP AND OIL PUMP INTAKE, T04045TT054 (ENG. SERIAL NO.704562-803026)

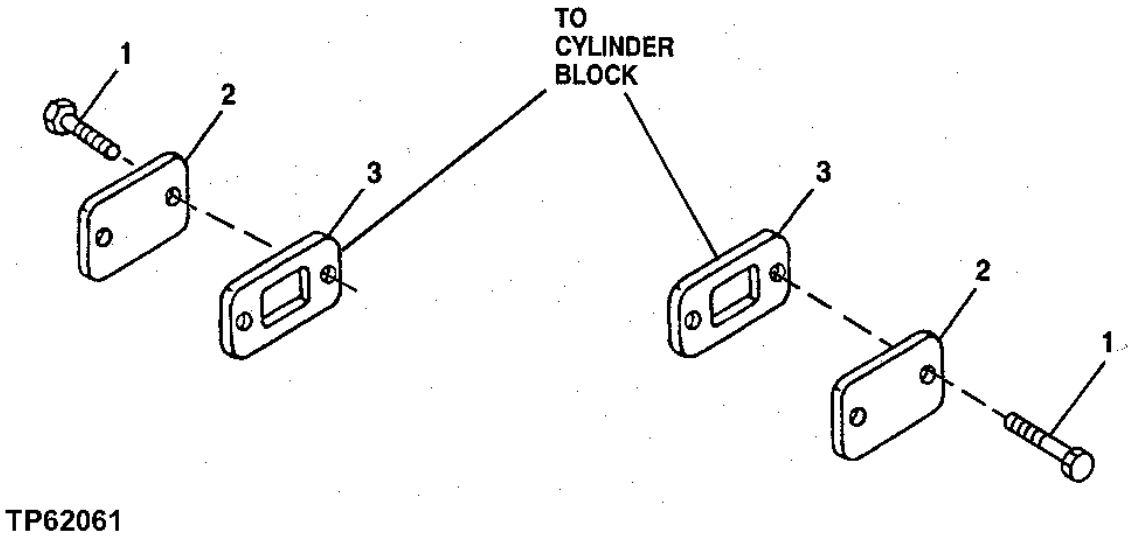
TP49570 -UN-17FEB97



KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	19M8987	SCREW	2		M8 X 65
2	.....	COVER	1		
3	.....	GEAR	1		
4	.....	HOUSING	1		
5	.....	GEAR	1		
6	RE504914	OIL PUMP	1		(MARKED R502867) (SUB FOR RE502269) (MARKED R123179) (SUB FOR RE50173 MARKED R123179 AND RE59582 MARKED R123179)
7	R121376	TUBE	1		
8	R97185	O-RING	1		
9	R61871	O-RING	1		
10	RE70073	OIL PUMP INTAKE	1		
11	19M8986	SCREW	2		M8 X 100
12	14M7066	NUT	1		M12
13	R120638	GEAR	1		(30 TEETH)

ENGINE OIL FILLER INLET COVER, T04045TT054 (ENG. SERIAL NO.704562-803026)

TP62061 -UN-30APR99

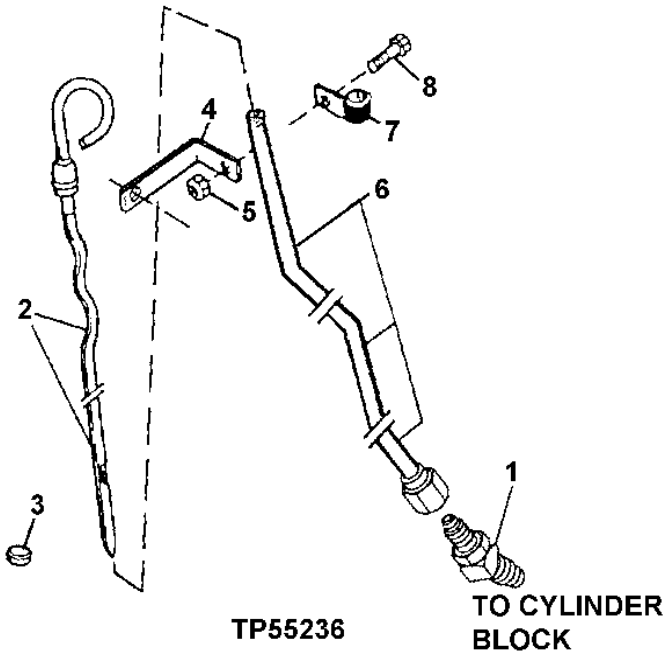


TP62061

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	RE67238	SCREW	4		
2	R116296	COVER	2		
3	R136495	GASKET	2		

ENGINE OIL DIPSTICK, T04045TT054 (ENG. SERIAL NO.704562-803026)

TP55236 -UN-13NOV97

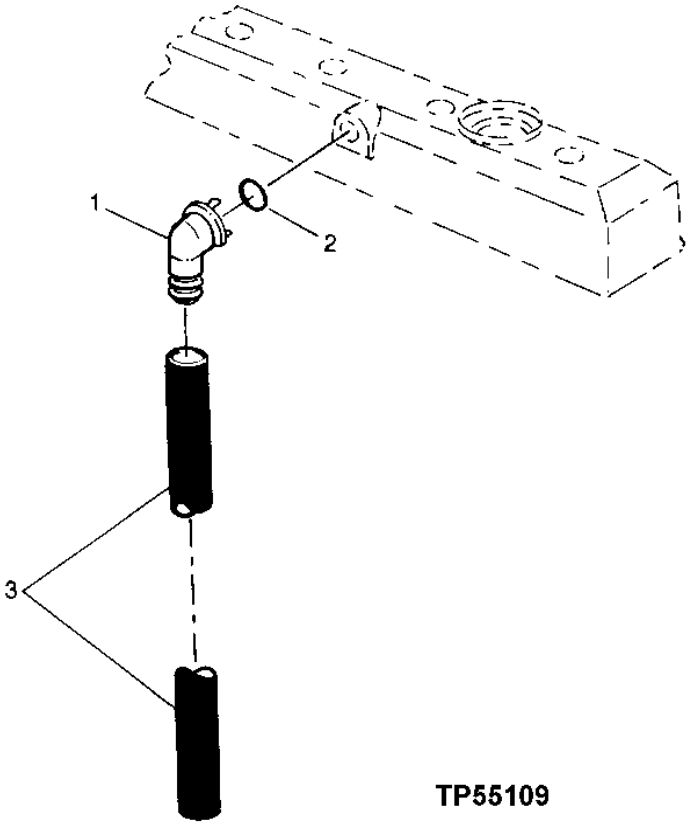


KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R135749	ELBOW FITTING	1		
2	RE66178	DIPSTICK	1		
3	R502725	PLUG	1		(SUB FOR R134240)
4	R134552	BRACKET	1		
5	14M7298	FLANGE NUT	1		M8
6	RE503848	DIPSTICK TUBE	1		(SUB FOR RE70116)
7	T28862	CLAMP	1		
8	19M7866	SCREW	1		M8 X 20

MEMORANDA

ENGINE VENTILATING SYSTEM, T04045TT054 (ENG. SERIAL NO.704562-803026)

TP55109 -UN-16MAY97



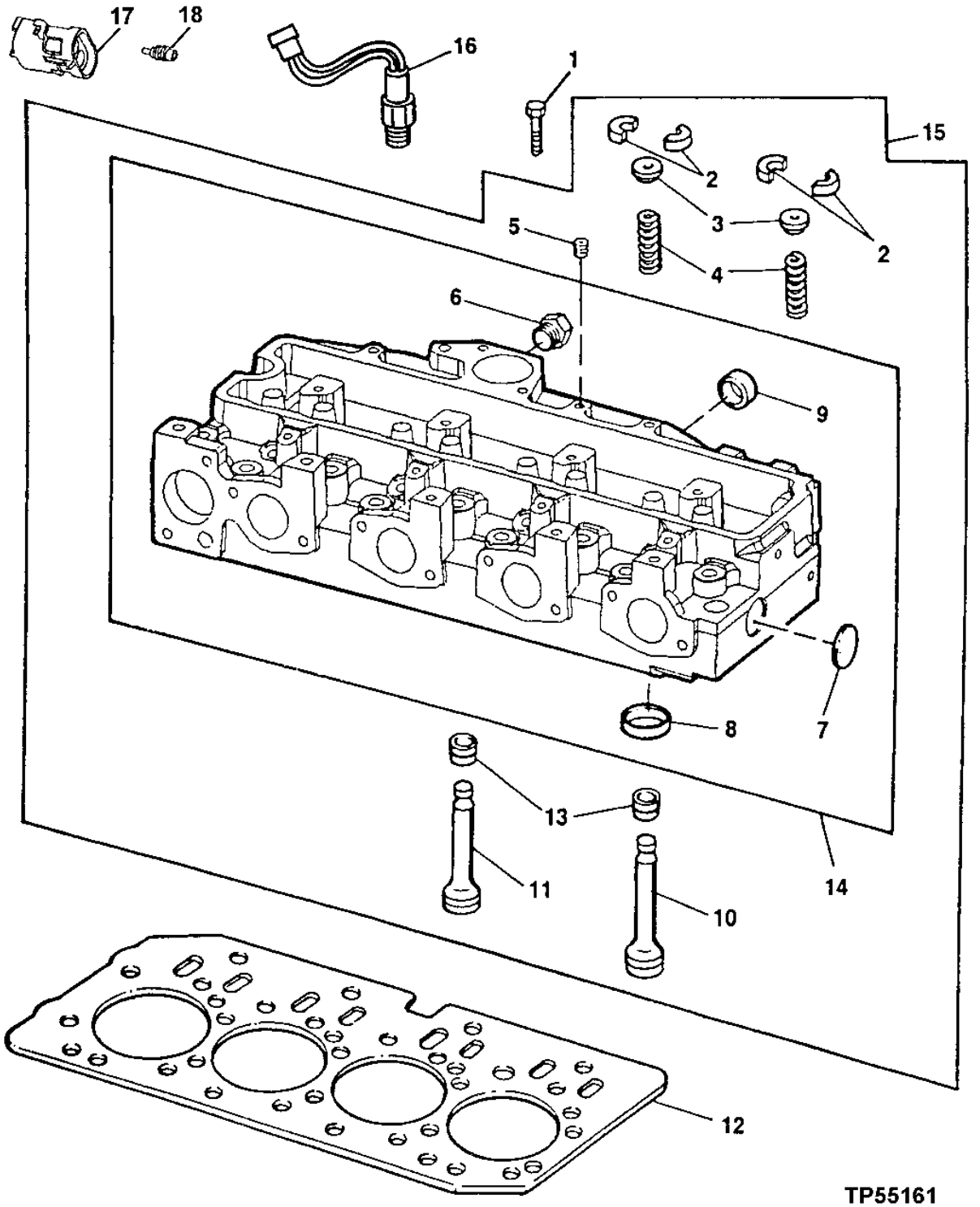
TP55109

ENGINE VENTILATING SYSTEM, T04045TT054 (ENG. SERIAL NO.704562-803026)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R120467	ELBOW FITTING	1		
2	R72328	O-RING	1		
3	TY22450	BULK HOSE	1		

CYLINDER HEAD, HEAD GASKET AND VALVES, T04045TT054 (ENG. SERIAL NO.704562-803026)

TP55161 -UN-19AUG97

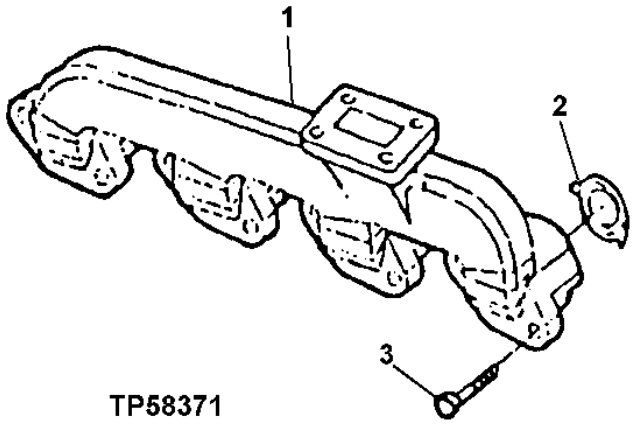


CYLINDER HEAD, HEAD GASKET AND VALVES, T04045TT054 (ENG. SERIAL NO.704562-803026)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R85363	CAP SCREW	18		
2	R91889	RETAINER	16		
3	RE60005	ROTATOR	8		
4	R26125	SPRING	8		
5	R104592	PIPE PLUG	1		
6	R26906	O-RING	1		
	T58477	FITTING	1		
7	CD16284	PLUG	1		
8	R98063	VALVE SEAT INSERT	4		STANDARD SIZE INTAKE VALVE
	R98335	VALVE SEAT INSERT	4		OVERSIZE INTAKE VALVE
	R85687	VALVE SEAT INSERT	4		STANDARD SIZE EXHAUST VALVE
	R93910	VALVE SEAT INSERT	4		OVERSIZE EXHAUST VALVE
9	R43409	PLUG	2		
10	R90692	EXHAUST VALVE	4		STANDARD
11	R98062	INTAKE VALVE	4		STANDARD
12	R116515	ENGINE CYLINDER HEAD GASKET	1		
13	RE31617	SEAL	8		
14	.....	CYLINDER HEAD	1		(MARKED R121402)
15	RE57234	CYLINDER HEAD	1		(MARKED R121402)
16	AT174989	SWITCH	1		ENGINE COOLANT TEMPERATURE
17	R78053	ELECTRICAL CONNECTOR ASSY	1		
18	R78064	ELEC. CONNECTOR CAVITY PLUG	1		

EXHAUST MANIFOLD, T04045TT054 (ENG. SERIAL NO.704562-803026)

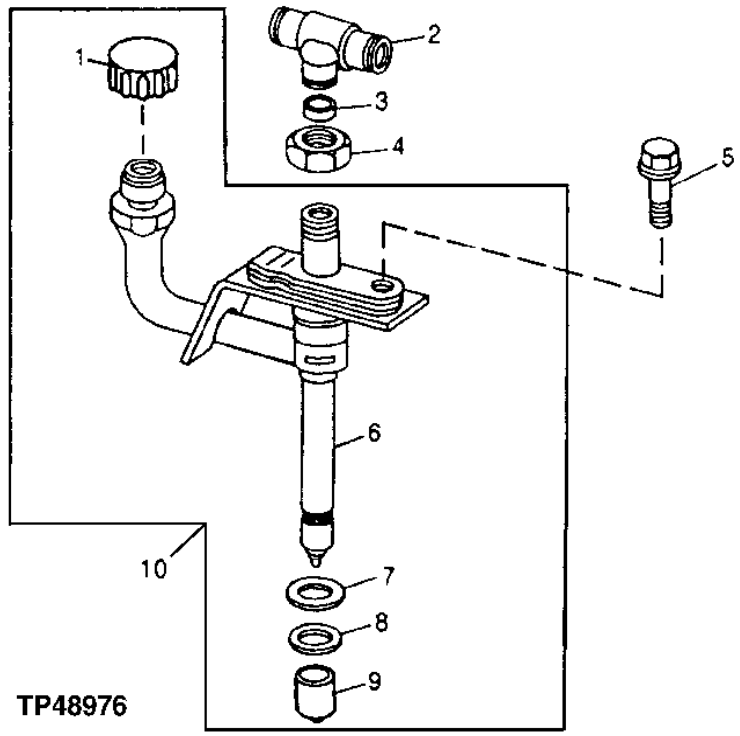
TP58371 -UN-28OCT98



KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R132509	EXHAUST MANIFOLD	1		
2	R90658	GASKET	4		
3	19M7810	SCREW	8		M10 X 80

FUEL INJECTION NOZZLE, T04045TT054 (ENG. SERIAL NO.704562-803026)

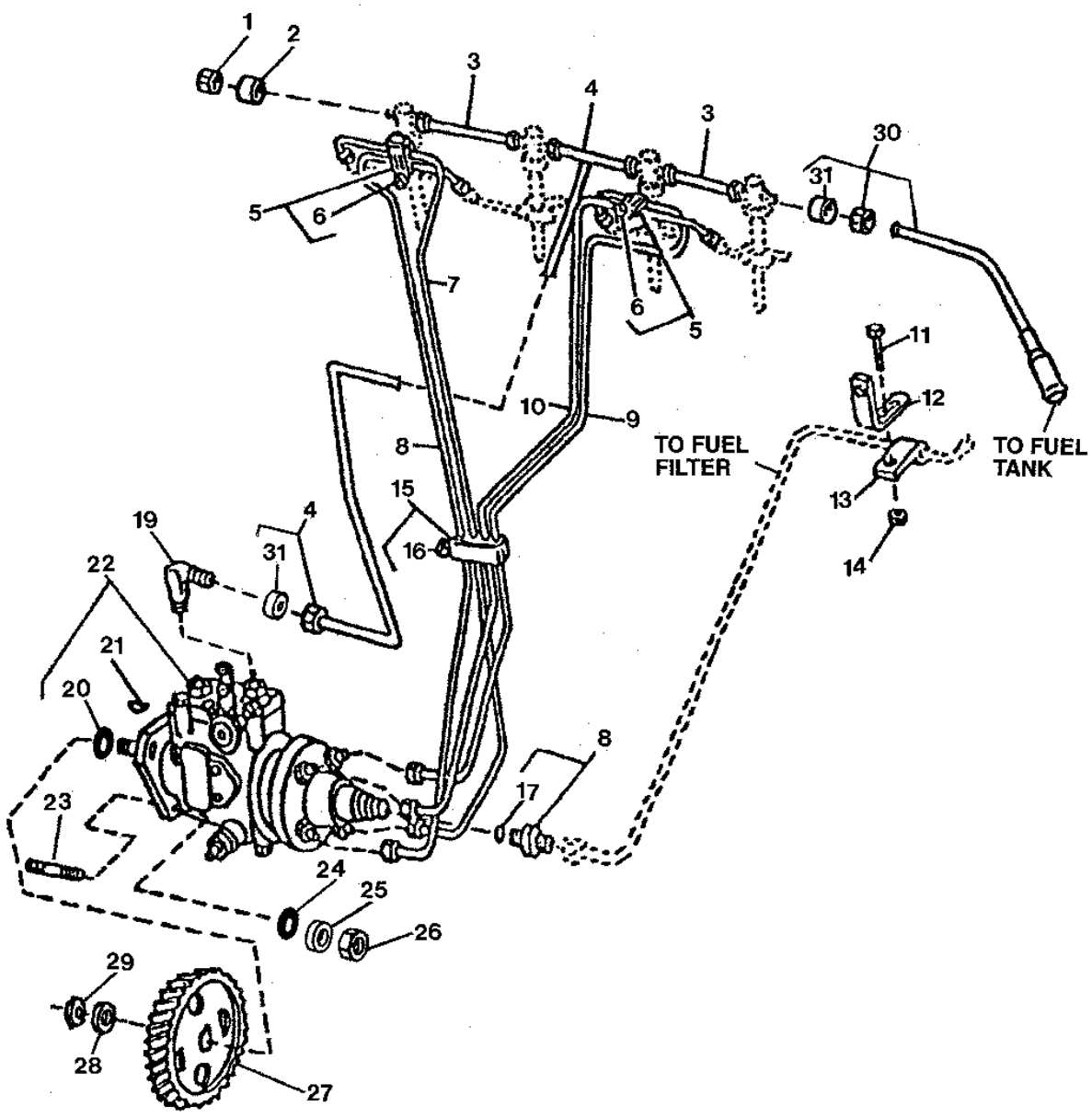
TP48976 -UN-26OCT96



KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	.....	CAP (HAT)	1		
2	R71963	TEE FITTING	1		
3	R79605	WASHER	1		
4	R79604	TUBE NUT	1		
5	R116366	SCREW	1		
6	.....	NOZZLE	1		
7	R92352	PACKING	1		
8	R48000	SEAL	1		(USE WITH OVERSIZE NOZZLE BORE) (NOT INCLUDED WITH RE48786)
	R500390	WASHER	1		(USE WITH STANDARD NOZZLE BORE)
9	T24472	CAP	1		
10	RE48786	INJECTION NOZZLE	1		

FUEL INJECTION SYSTEM (STANADYNE), T04045TT054 (ENG. SERIAL NO.704562-803026)

TP62353 -UN-23FEB00



TP62353

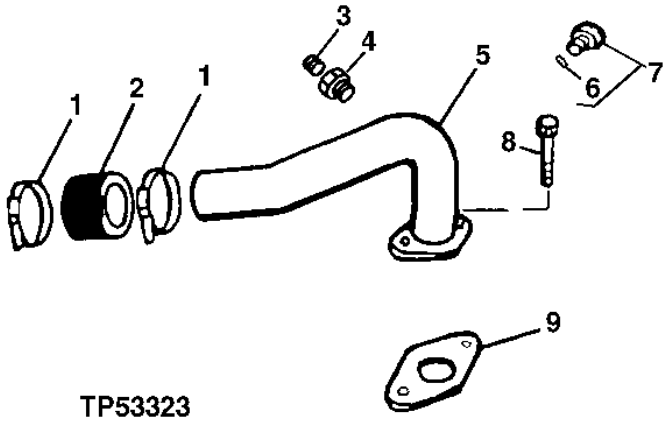
FUEL INJECTION SYSTEM (STANADYNE), T04045TT054 (ENG. SERIAL NO.704562-803026)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	AR85519	PLUG	1		
2	R123593	TUBE NUT	1		
3	RE68748	TUBE	2		
4	RE70848	FUEL LINE	1		LEAK-OFF
5	RE19797	CLAMP	2		
6	19M7923	CAP SCREW	2		M6 X 12
7	RE59447	FUEL LINE	1		NO. 1
8	RE59448	FUEL LINE	1		NO. 2
9	RE59449	FUEL LINE	1		NO. 3
10	RE59450	FUEL LINE	1		NO. 4
11	19M7865	SCREW	1		M8 X 16, NO. 2
12	R116116	BRACKET	1		
13	T14050	CLAMP	1		
14	14M7298	FLANGE NUT	1		M8
15	RE19799	CLAMP	1		
16	19M7923	CAP SCREW	1		M6 X 12
17	51M7040	O-RING	1		9.300 X 2.200 MM (0.366" X 0.087") (METRIC)
	R26286	O-RING	1		(SAE)
18	RE60029	ADAPTER	1		(M12X1.5)
	RE59487	FITTING	1		(SAE)
19	R67364	ELBOW FITTING	1		
20	R502076	BACK-UP RING	1		(SUB FOR R89944)
21	26H10	SHAFT KEY	1		3.962 X 15.875 MM (5/32" X 5/8")
22	RE60200	FUEL INJECTION PUMP	1		
	SE500750	FUEL INJECTION PUMP	1		(REMANUFACTURED)
23	R116386	STUD	3		
24	T27860	WASHER	3		
25	12M7056	LOCK WASHER	3		8 MM, (SUB FOR 12M7065)
26	14M7273	NUT	3		M8
27	R132267	GEAR	1		(60 TEETH)
28	R132874	WASHER	1		
29	R91360	NUT	1		M14
30	RE16142	FUEL LINE	1		
31	R51936	SEALING WASHER	2		

MEMORANDA

AIR INTAKE SYSTEM, T04045TT054 (ENG. SERIAL NO.704562-803026)

TP53323 -UN-11SEP96

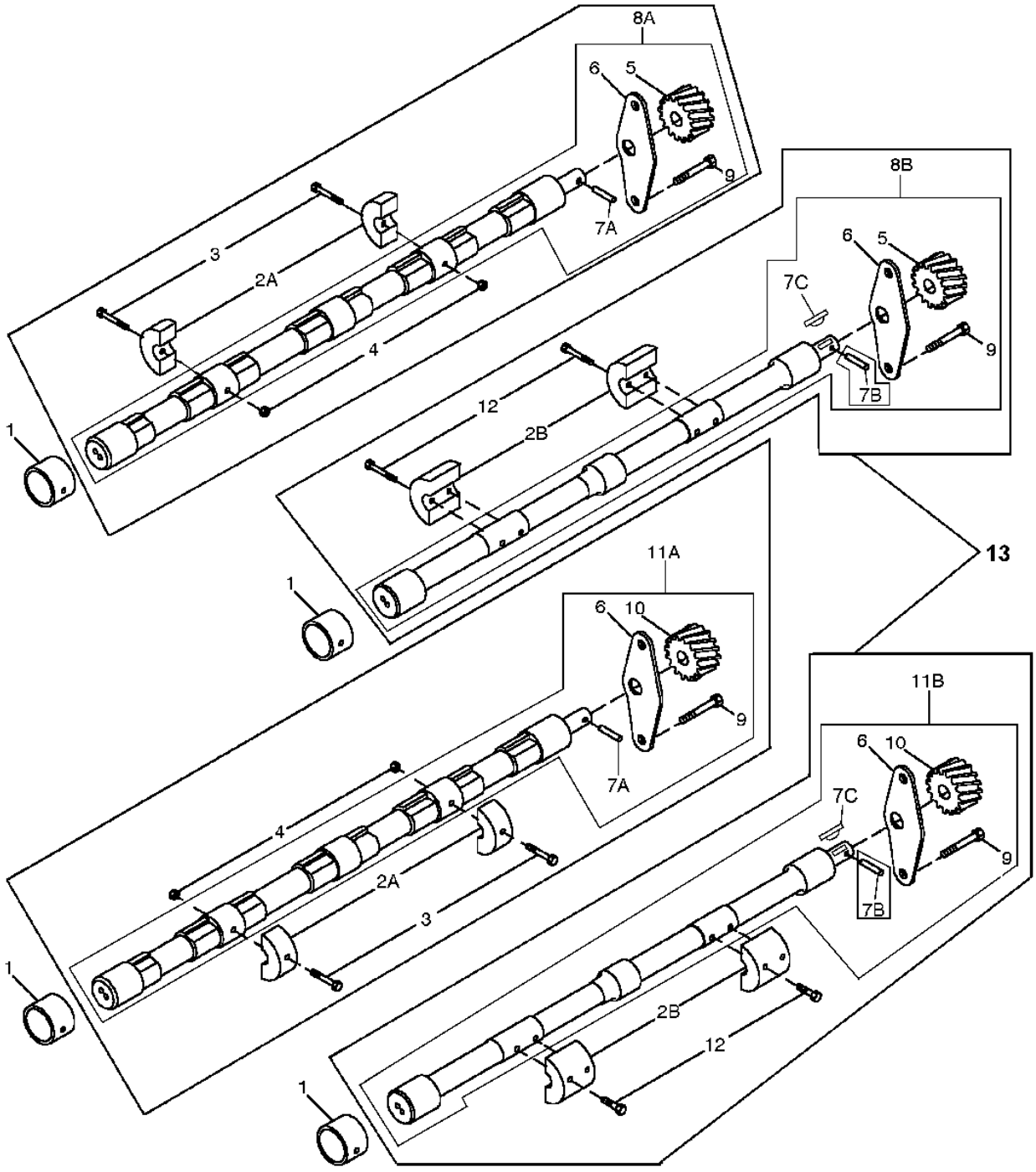


TP53323

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	TY22470	CLAMP	2		(SUB FOR AR65294)
2	R56551	HOSE	1		
3	15H623	PIPE PLUG	1		3/8"
4	T27986	FITTING	1		
5	RE59824	TUBE	1		
6	51M7039	O-RING	1		8.100 X 1.600 MM
7	RE60071	FITTING	1		(SUB FOR RE502903)
8	19M7785	SCREW	2		M10 X 25
9	R81275	GASKET	1		

ENGINE BALANCER SHAFT, T04045TT054 (ENG. SERIAL NO.704562-803026)

T164769 -UN-28JAN03



T164769

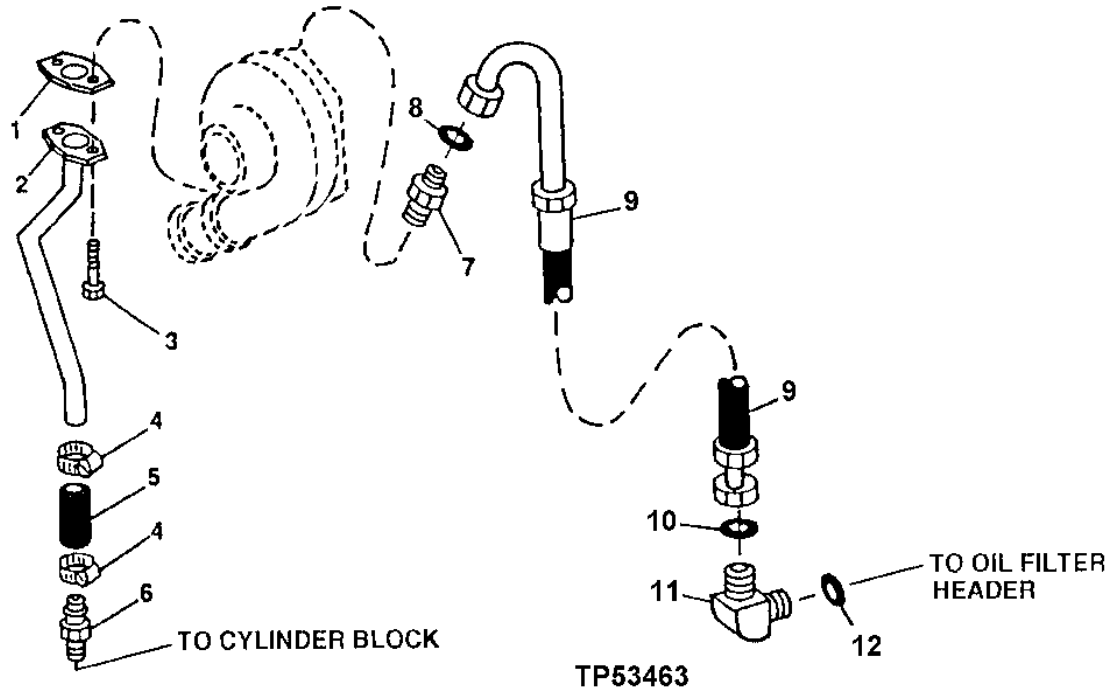
ENGINE BALANCER SHAFT, T04045TT054 (ENG. SERIAL NO.704562-803026)

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	R115299	BUSHING	6		
2A	R134358	WEIGHT	4	-776566	(SUB R500650)
2B	R500650	WEIGHT	4	776567-	
3	T28745	BOLT	4	-776566	
4	T15634	NUT	4	-776566	
5	.....	GEAR	1		L.H. (15 TEETH)
6	.....	PLATE	2		
7A	26M4224	SHAFT KEY	2	-776566	4 X 16 MM
7B	34M7089	DOWEL PIN	1	776567-	4 X 12 MM
8A	RE69365	BALANCER SHAFT	1	-776566	L.H. SHAFT, (MARKED R115301) (SUB RE504742)
8B	RE500449	BALANCER SHAFT	1	776567-	
9	19M8998	SCREW	4		M8 X 12
10	.....	GEAR	1		R.H. (15 TEETH)
11A	RE69364	BALANCER SHAFT	1	-776566	R.H. SHAFT, (MARKED R116078) (SUB RE504742)
11B	RE500448	BALANCER SHAFT	1	776567-	
12	19M8882	SCREW	8	776567-	M8 X 40
13	RE504742	BALANCER SHAFT	1		

MEMORANDA

TURBOCHARGER OIL LINES, T04045TT054 (ENG. SERIAL NO.704562-803026)

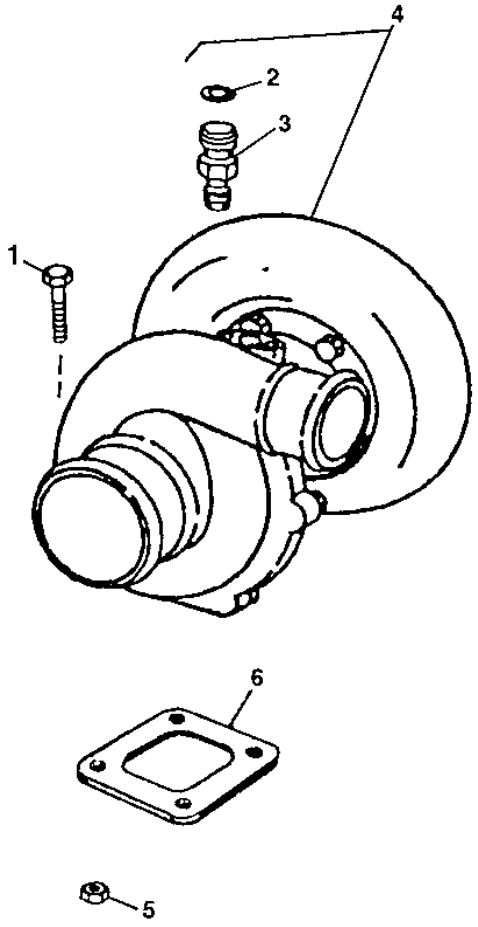
TP53463 -UN-21APR97



KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R123570	GASKET	1		
2	RE59993	OIL LINE	1		
3	19M7866	SCREW	2		M8 X 20
4	RE65978	CLAMP	2		
5	.....	HOSE	1		(MAKE FROM R120013 CUT TO LENGHT)
6	RE54885	HOSE FITTING	1		
7	M87733	ADAPTER	1		
8	R63548	O-RING	1		
9	RE503215	OIL LINE	1		(SUB FOR RE62384)
10	T77613	O-RING	1		
11	38H5154	ELBOW FITTING	1		
12	51M7042	O-RING	1		

TURBOCHARGER, T04045TT054 (ENG. SERIAL NO.704562-803026)

TP49341 -UN-27SEP96



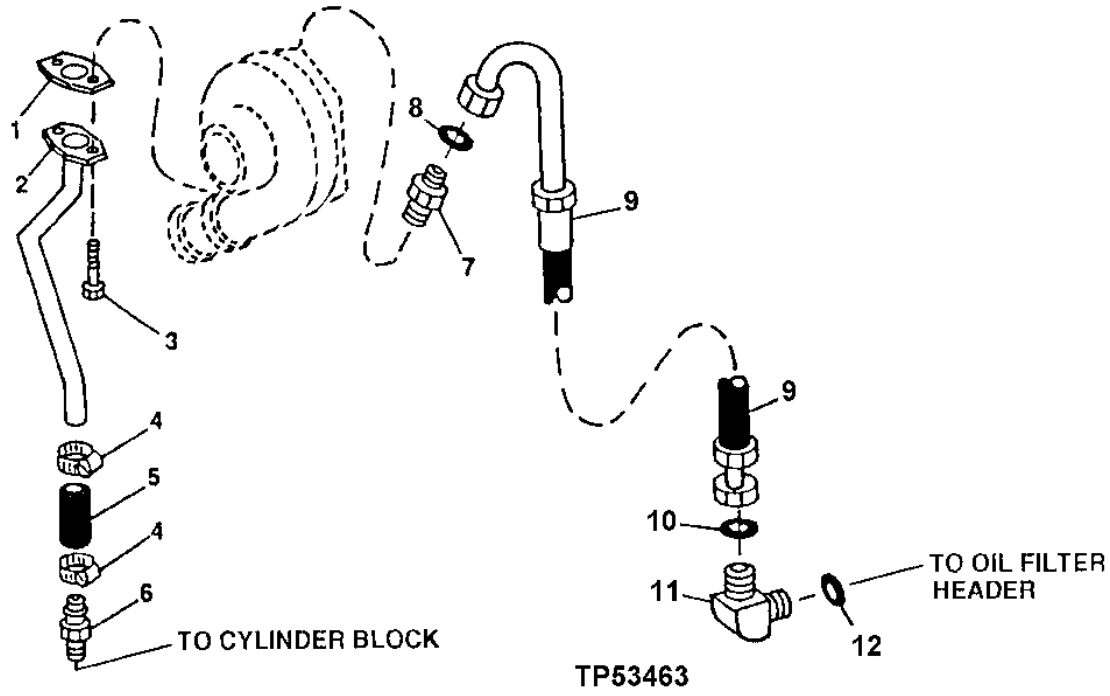
TP49341

TURBOCHARGER, T04045TT054 (ENG. SERIAL NO.704562-803026)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	19M7785	SCREW	4		M10 X 25
2	R63548	O-RING	1		
3	M87733	ADAPTER	1		
4	RE60069	TURBOCHARGER	1		REMANUFACTURED
	RE26409	KIT	1		TURBOCHARGER HARDWARE
5	14M7296	FLANGE NUT	4		M10, (AS REQ.)
6	R92097	GASKET	1		

TURBOCHARGER OIL LINES, T04045TT054 (ENG. SERIAL NO.704562-803026)

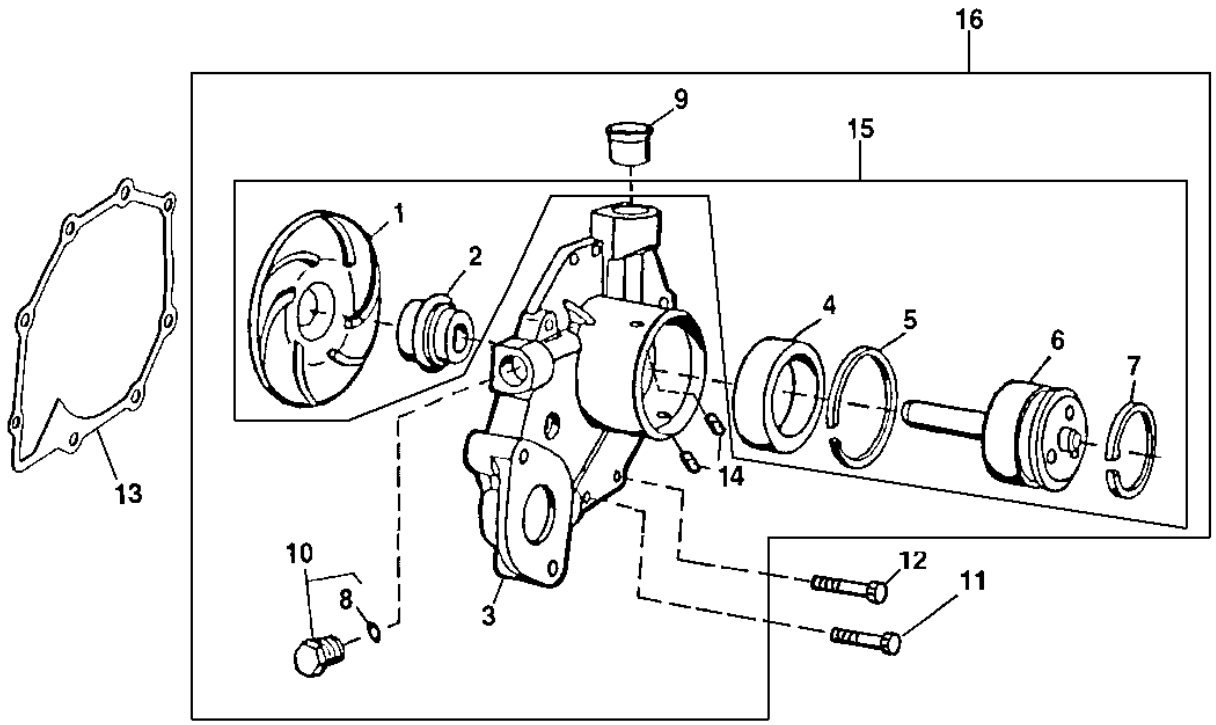
TP53463 -UN-21APR97



KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R123570	GASKET	1		
2	RE59993	OIL LINE	1		
3	19M7866	SCREW	2		M8 X 20
4	RE65978	CLAMP	2		
5	.....	HOSE	1		(MAKE FROM R120013 CUT TO LENGHT)
6	RE54885	HOSE FITTING	1		
7	M87733	ADAPTER	1		
8	R63548	O-RING	1		
9	RE503215	OIL LINE	1		(SUB FOR RE62384)
10	T77613	O-RING	1		
11	38H5154	ELBOW FITTING	1		
12	51M7042	O-RING	1		

WATER PUMP ASSEMBLY
T04045TT054
(ENGINE SERIAL NO.704562-803026)

T158422 -UN-13AUG02

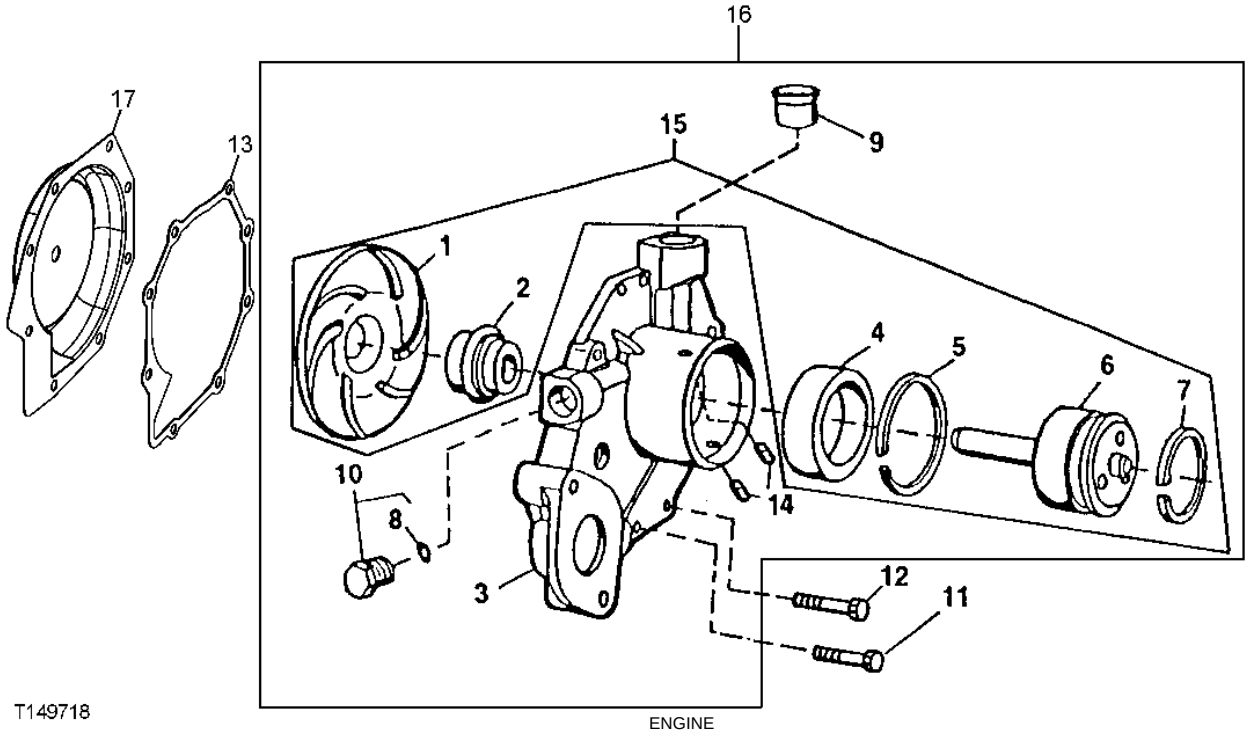


T158422

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	.....	IMPELLER	1		(MARKED R123395)
2	.....	SEAL	1		
3	.....	HOUSING	1		
4	.....	BALL BEARING	1		
5	.....	RING	1		
6	.....	SHAFT	1		
7	A364R	SNAP RING	1		
8	51M7044	O-RING	1		17.300 X 2.200 MM
9	R123226	SEAL	1		
10	RE46685	PLUG	1		
11	19M7796	SCREW	3		M6 X 30
12	19M7863	SCREW	5		M6 X 25
13	R123417	GASKET	1		
14	R100369	FILTER	2		(USE WITH RE500734)
15	RE70962	KIT	1		
16	RE500734	WATER PUMP	1		(MARKED R121035) (SUB RE505980 AND RE508566)

REPLACEMENT WATER PUMP
T04045TT054
(ENGINE SERIAL NO.704562-803026)

T149718 -UN-07JAN02

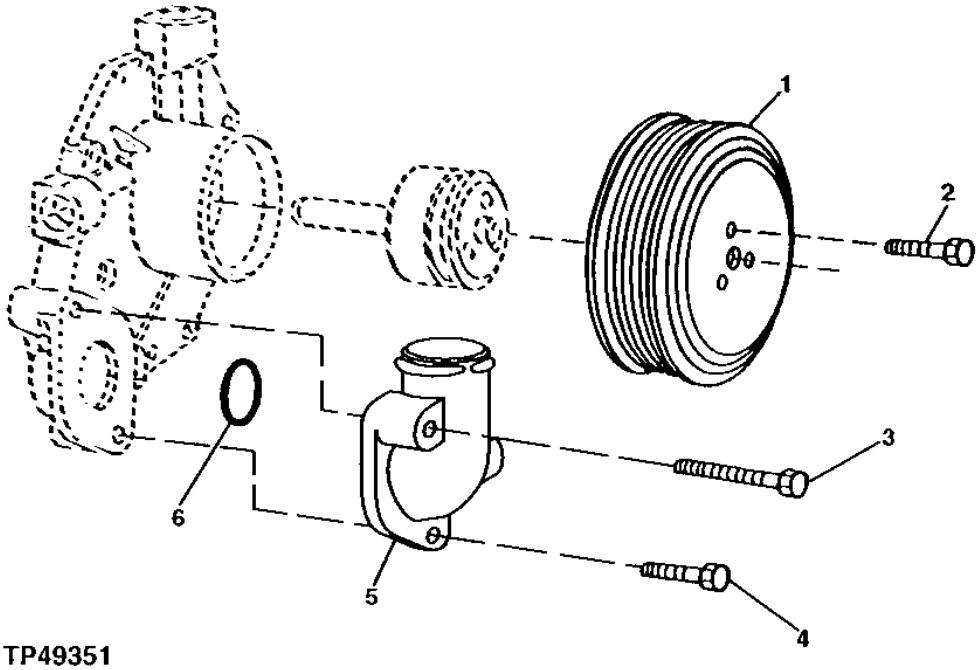


T149718

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	.....	IMPELLER	1		(MARKED R123395)
2	.....	SEAL	1		
3	.....	HOUSING	1		
4	.....	BALL BEARING	1		
5	.....	RING	1		
6	.....	SHAFT	1		
7	A364R	SNAP RING	1		
8	51M7043	O-RING	1		15.300 X 2.200 MM
9	R123226	SEAL	1		
10	RE46685	PLUG	1		
11	19M7863	SCREW	5		M6 X 25
12	19M7796	SCREW	3		M6 X 30
13	R123417	GASKET	1		
14	R100369	FILTER	2		
15	RE70962	KIT	1		
16	RE505980	WATER PUMP	1		(MARKED R503509)
17	RE508566	KIT	1		(WATER PUMP INSERT REPAIR)

WATER PUMP PULLEY AND INLET
T04045TT054
(ENGINE SERIAL NO.704562-803026)

TP49351 -UN-14DEC95

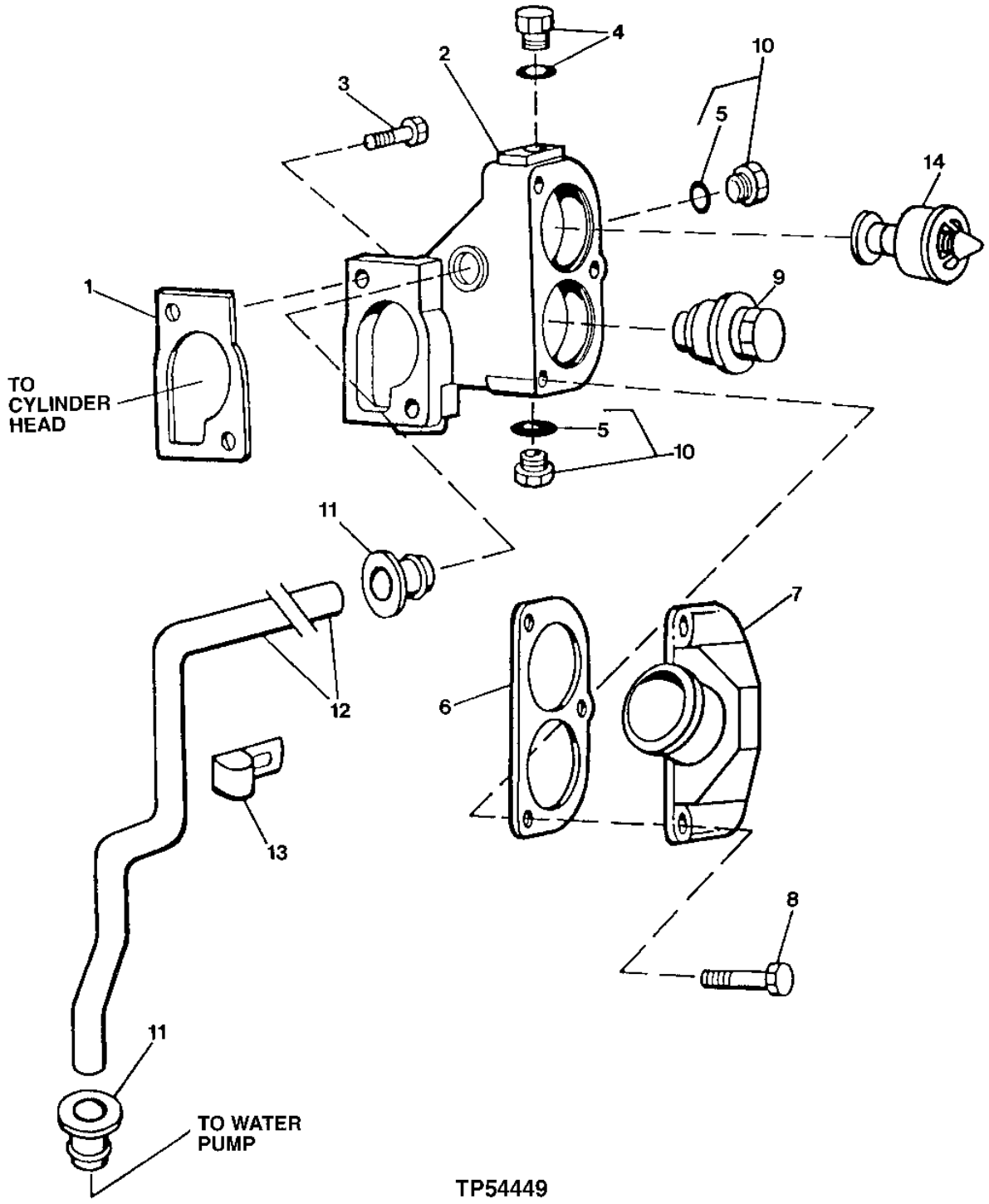


TP49351

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R115250	PULLEY	1		
2	19M7774	SCREW	3		M6 X 12
3	19M7802	SCREW	1		M8 X 65
4	19M7867	SCREW	1		M8 X 25
5	R121635	ELBOW FITTING	1		
6	R89944	O-RING	1		50.394 X 3.531 MM

THERMOSTAT HOUSING AND COVER (DUAL THERMOSTAT), T04045TT054 (ENG. SERIAL NO.704562-803026)

TP54449 -UN-10DEC96



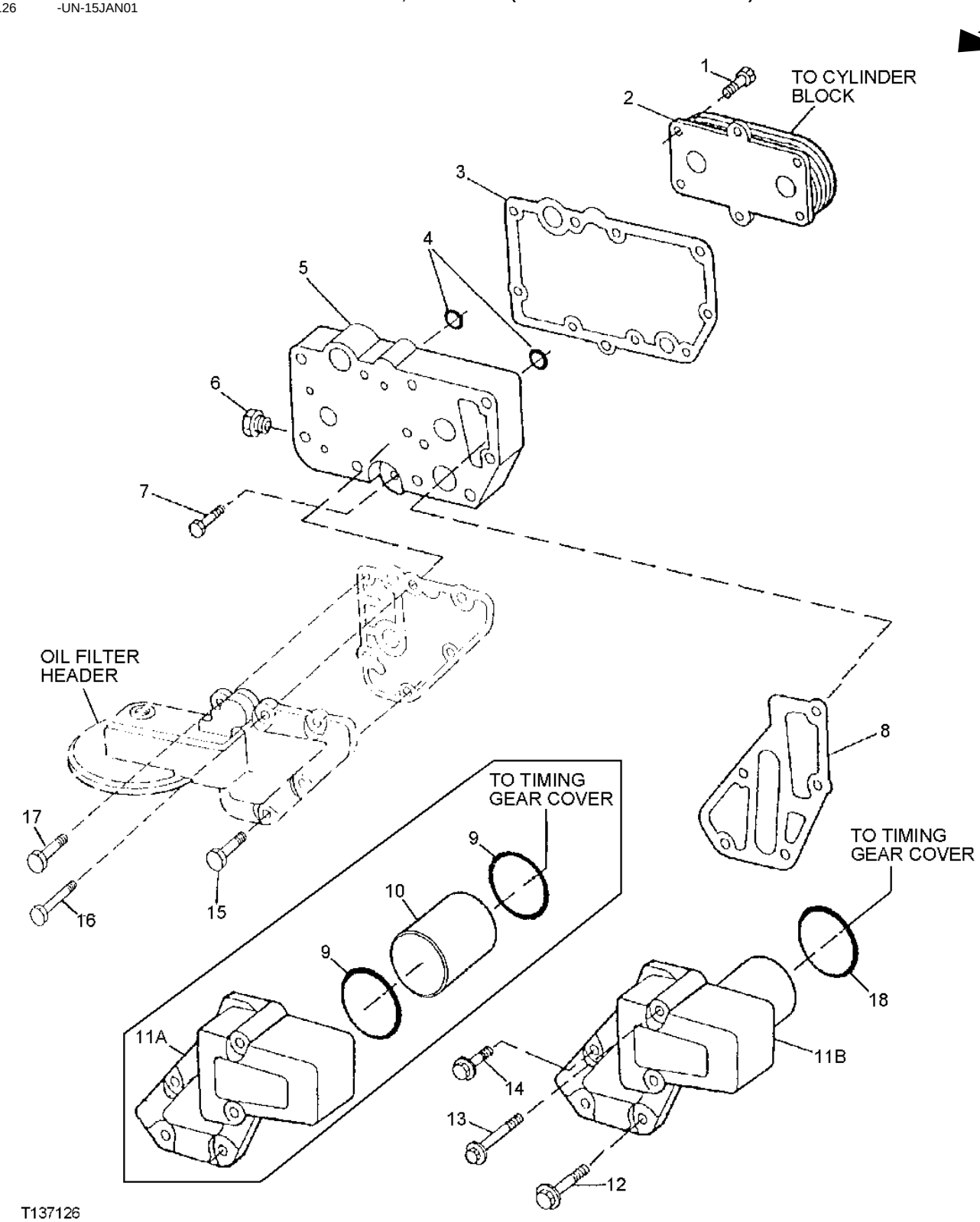
TP54449

THERMOSTAT HOUSING AND COVER (DUAL THERMOSTAT), T04045TT054 (ENG. SERIAL NO.704562-803026)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R123345	GASKET	1		
2	R123344	HOUSING	1		
3	19M7786	SCREW	2		M10 X 30
4	RE46686	PLUG	1		
5	51M7041	O-RING	3		
6	R501373	GASKET	1		(SUB FOR R54638)
7	R131530	COVER	1		
8	19M7785	SCREW	3		M10 X 25
9	RE33705	THERMOSTAT	1		(180°) (NON BLOCKING, BOTTOM)
10	RE46684	PLUG	3		
11	R123226	SEAL	2		
12	R123589	TUBE	1		
13	R123324	CLAMP	1		
14	AR48675	THERMOSTAT	1		(180 DEG) (BLOCKING, TOP)

ENGINE OIL COOLER, T04045TT054 (ENG. SERIAL NO.704562-803026)

T137126 -UN-15JAN01

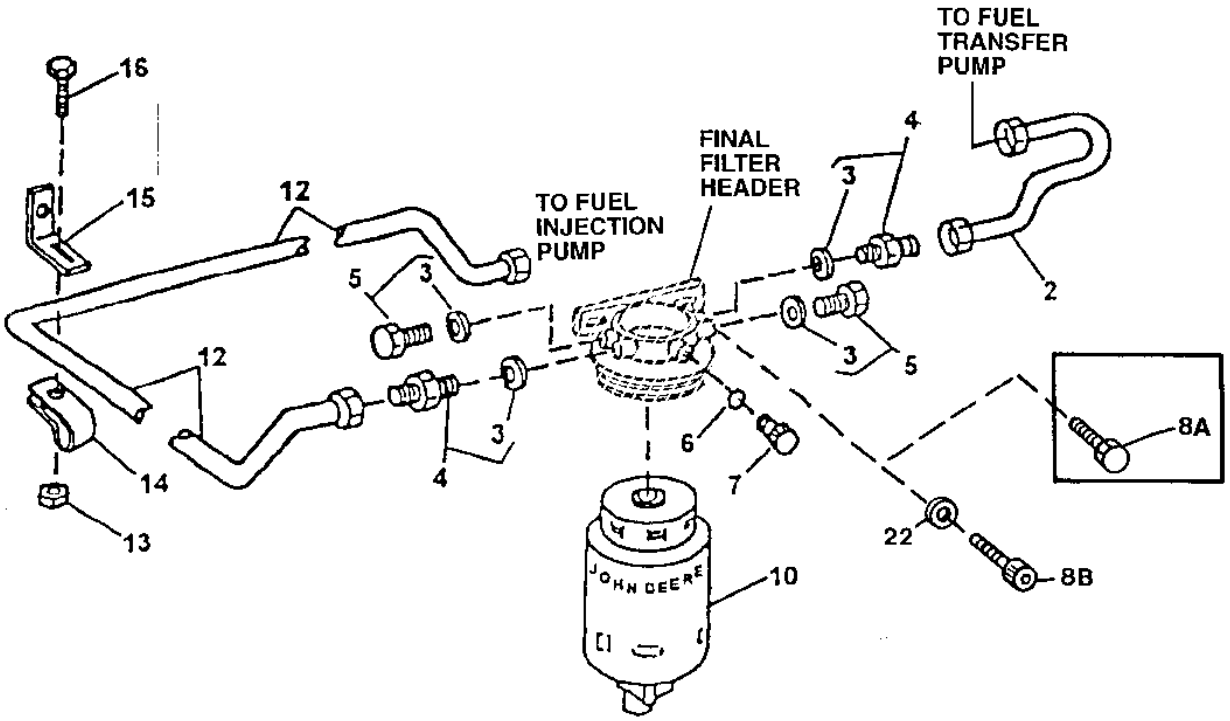


ENGINE OIL COOLER, T04045TT054 (ENG. SERIAL NO.704562-803026)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	RE67231	SCREW	6		
2	RE59296	OIL COOLER	1		
	RE522820	OIL COOLER	1		(INCLUDES: RE59296 (1), RE67231 (6), R123471 (1), T122075(2).
3	R123501	GASKET	1		
4	T122075	O-RING	2		
5	R123471	HOUSING	1		
6	RE46686	PLUG	1		
7	RE46685	PLUG	1		
8	R501428	GASKET	1		(SUB FOR R123502)
9	R61105	O-RING	2		(USE WITH R135177)
10	R115252	TUBE	1		(USE WITH R135177)
11A	R135177	ADAPTER	1		(SUB R502811)
11B	R502811	ADAPTER	1		
12	19M7802	SCREW	2		M8 X 65
13	19M7970	SCREW	2		M8 X 100
14	RE67238	SCREW	1		(WITH PRE-APPLIED SEALANT)
15	19M7802	SCREW	4		M8 X 65
16	19M7970	SCREW	1		M8 X 100
17	RE67238	SCREW	1		
18	R504734	O-RING	1		(USE WITH R502811)

FUEL FILTER AND FUEL LINES, T04045TT054 (ENG. SERIAL NO.704562-803026)

T152518 -UN-19MAR02



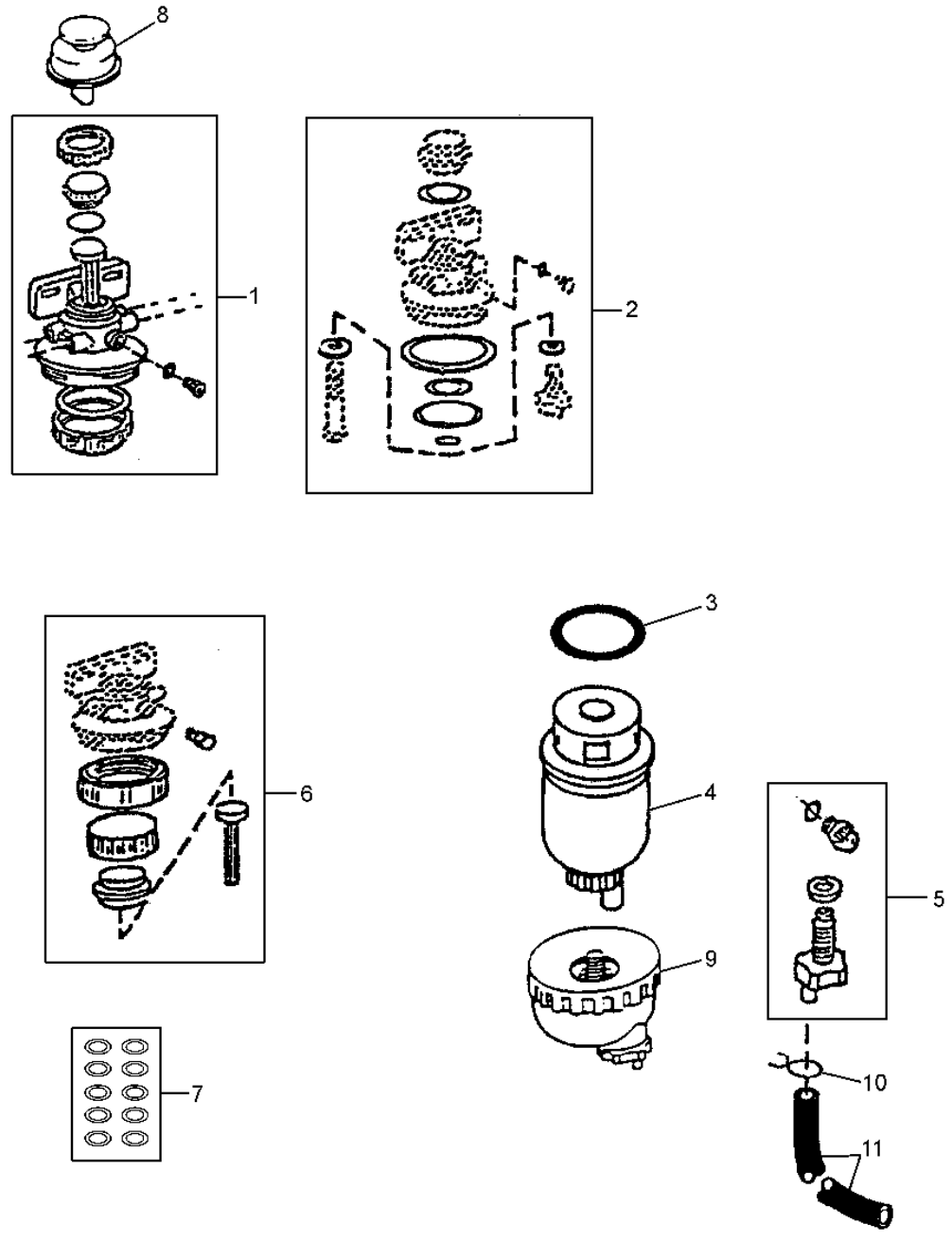
T152518

FUEL FILTER AND FUEL LINES, T04045TT054 (ENG. SERIAL NO.704562-803026)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
2	RE60037	FUEL LINE	1		
	R74012	SEALING WASHER	1		
3	51M7040	O-RING	1		(METRIC)
	R26286	O-RING	1		(SAE)
4	RE60029	ADAPTER	2		(M12X1.5)
	RE59487	FITTING	2		(SAE)
5	RE46686	PLUG	2		
6	R113565	SEAL	1		
7	R113563	DRAIN PLUG	1		
8A	19M7785	SCREW	2	-795805	M10 X 25
8B	19M8328	SCREW	2	795806-	M10 X 25
12	RE69388	FUEL LINE	1		
13	14M7298	FLANGE NUT	1		M8
14	T14050	CLAMP	1		
15	R116116	BRACKET	1		
16	19M7865	SCREW	1		M8 X 16
22	24M7096	WASHER	2	795806-	10.500 X 18 X 1.600 MM

FINAL AND PRIMARY FUEL FILTER SERVICE KITS AND ELEMENT
T04045TT052
(SERIAL NO. -804732)

T152740 -UN-19MAR02



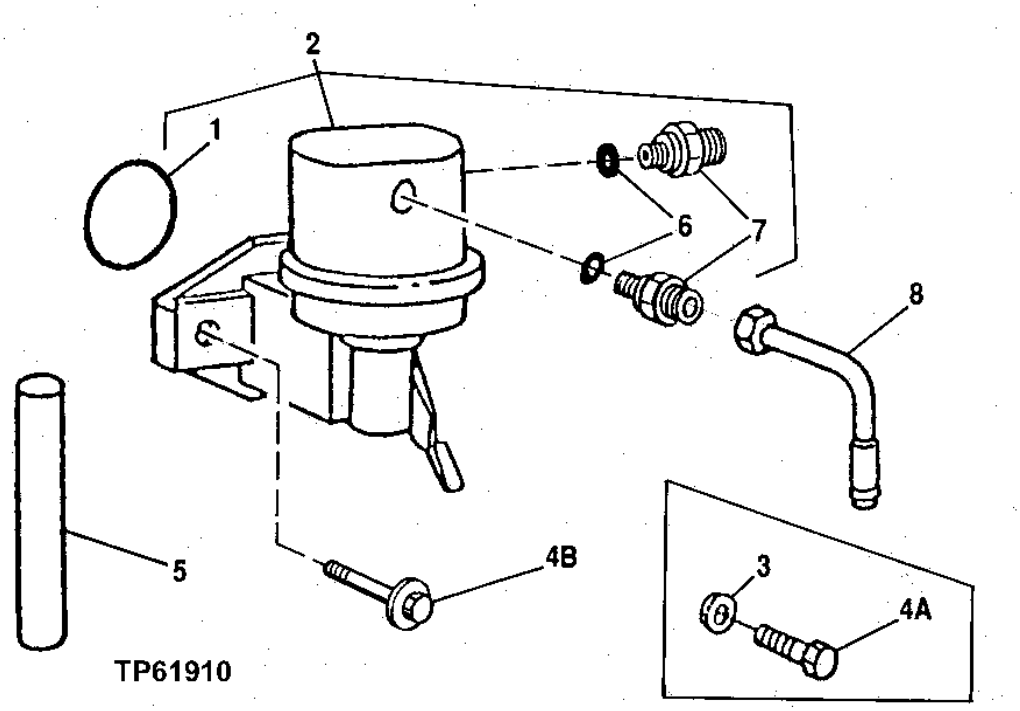
T152740

FINAL AND PRIMARY FUEL FILTER SERVICE KITS AND ELEMENT
T04045TT052
(SERIAL NO. -804732)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	RE70358	KIT	1		(FOR FINAL FUEL FILTER)
	RE70357	FILTER HEAD	1		(FOR PRIMARY FUEL FILTER)
2	RE516553	KIT	1		(FOR PRIMARY AND FINAL FUEL FILTER)
3	R113565	SEAL	1		(FOR FINAL FUEL FILTER)
4	RE62419	FUEL FILTER	1		(FOR FINAL FUEL FILTER)
	RE62424	FUEL FILTER	1		(FOR PRIMARY FUEL FILTER)
5	RE60854	KIT	1		(FOR PRIMARY AND FINAL FUEL FILTERS)
6	RE51649	SEAL KIT	1		(FOR PRIMARY AND FINAL FUEL FILTERS)
7	RE516513	KIT	1		(WITH HAND PRIMER) (CONTAINS 10 O-RINGS)
	RE516512	KIT	1		(WITHOUT HAND PRIMER) (CONTAINS 10 O-RINGS)
8	RE50467	HAND PRIMER	1		(FOR PRIMARY FUEL FILTER)
	R113562	RING	1		(NOT ILLUSTRATED)
9	RE51650	SEDIMENT BOWL	1		(FOR PRIMARY FUEL FILTER)
10	T13254	CLAMP	1		(FOR PRIMARY AND FINAL FUEL FILTERS)
11	R126086	HOSE	1		(FOR PRIMARY AND FINAL FUEL FILTERS)

FUEL TRANSFER PUMP, T04045TT054 (ENG. SERIAL NO.704562-803026)

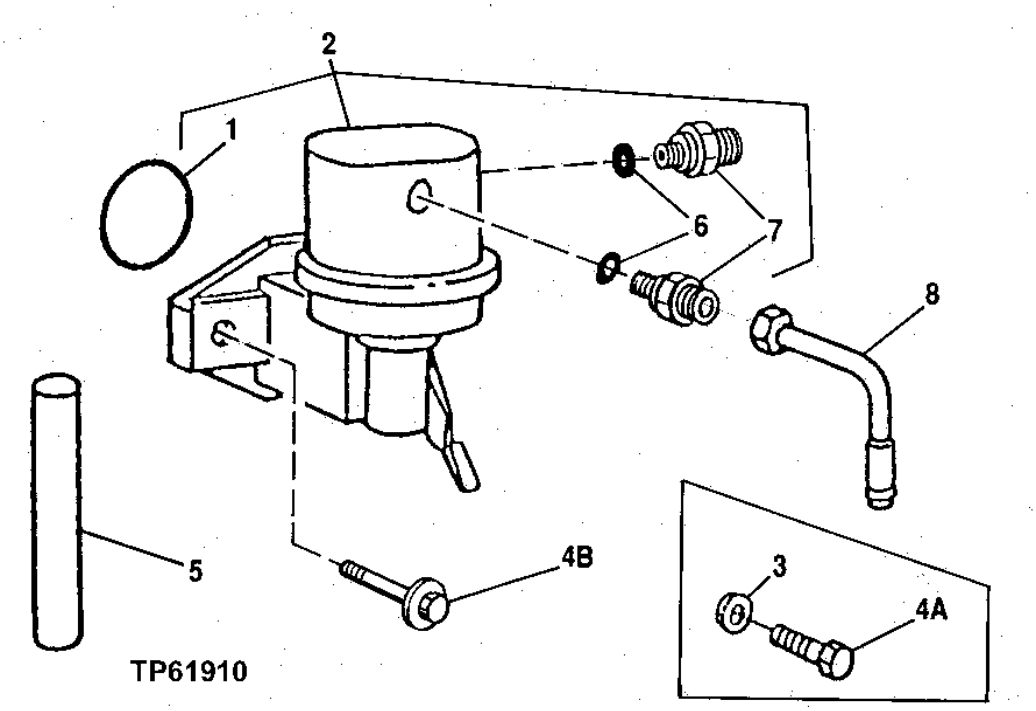
TP61910 -UN-10AUG99



KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R123273	O-RING	1		
2	RE66153	FUEL PUMP	1		
3	24M7055	WASHER	2	-XXXXXX	8.400 X 16 X 1.600 MM
4A	RE66298	CAP SCREW	2	-XXXXXX	
4B	RE504233	CAP SCREW	2	XXXXXX-	
5	R133405	PUSH ROD	1		
6	R500271	O-RING	2		
7	R500270	FITTING	2		
8	RE60242	FUEL LINE	1		

FUEL TRANSFER PUMP, PE4045TP052 (ENG. SERIAL NO.026650-)

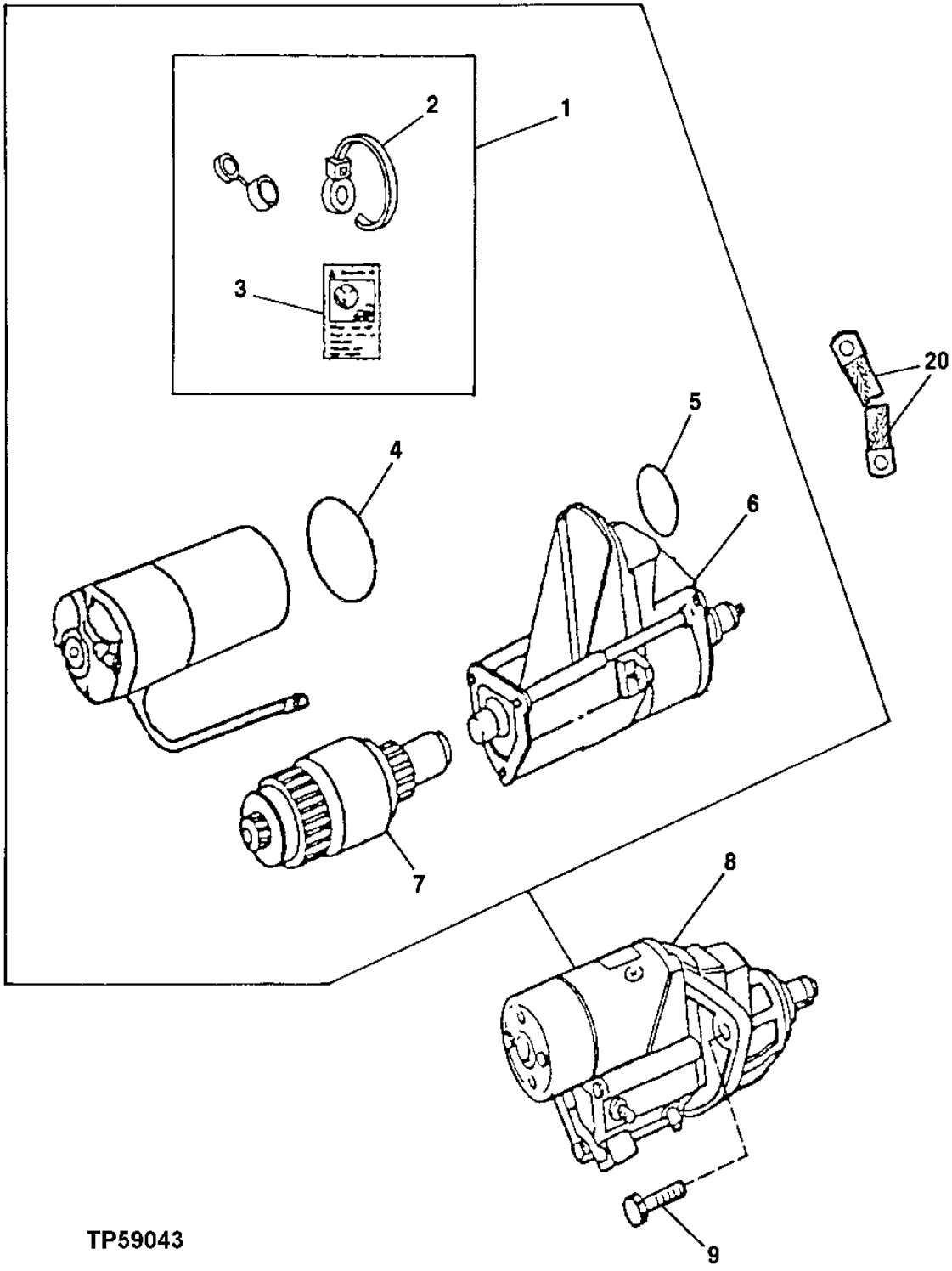
TP61910 -UN-10AUG99



KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R123273	O-RING	1		
2	RE66153	FUEL PUMP	1		
3	24M7055	WASHER	2	-XXXXXX	8.400 X 16 X 1.600 MM
4A	RE66298	CAP SCREW	2	-XXXXXX	
4B	RE504233	CAP SCREW	2	XXXXXX-	
5	R133405	PUSH ROD	1		
6	R500271	O-RING	2		
7	R500270	FITTING	2		
8	RE60242	FUEL LINE	1		

STARTER MOTOR, T04045TT054 (ENG. SERIAL NO.704562-803026)

TP59043 -UN-02APR98

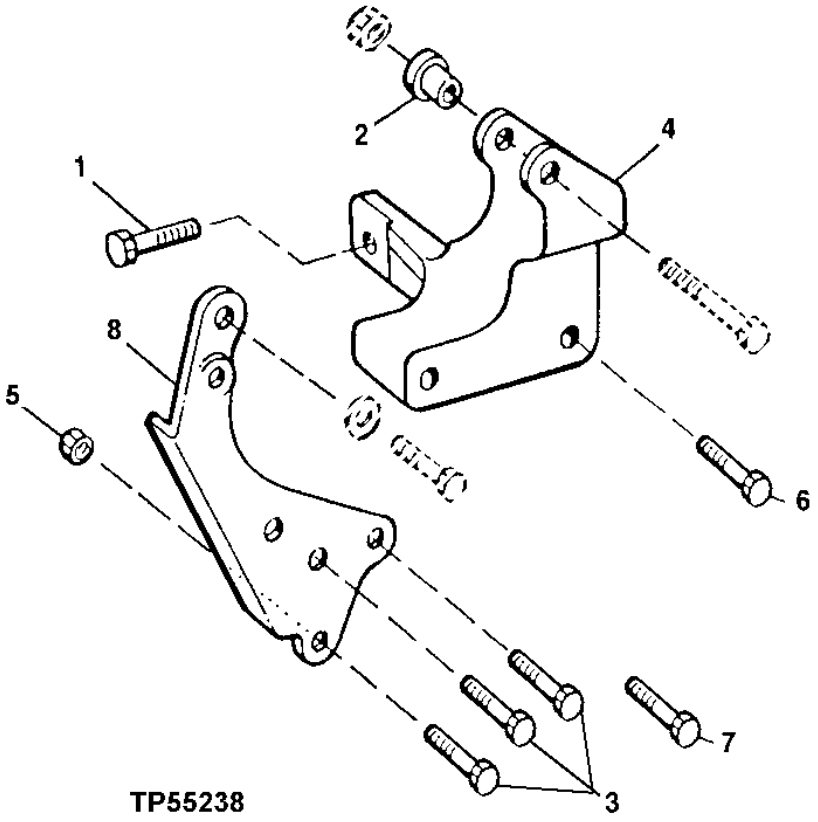


STARTING MOTOR, T04045TT054 (ENG. SERIAL NO.704562-803026)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	RE70756	KIT	1		BYPASS START
2	R96703	TIE BAND	1		
3	T146102	LABEL	1		BYPASS START
4	R135509	SEAL	1		
5	R135510	O-RING	1		
6	RE70681	SWITCH	1		
7	RE70487	CLUTCH	1		
8	RE500345	STARTER MOTOR	1		24-VOLT (NIPPONDENSO)
9	19M7786	SCREW	3		M10 X 30
20	AT38449	GROUND CABLE	1		609.600 MM (24")

ALTERNATOR MOUNTING BRACKETS, T04045TT054 (ENG. SERIAL NO.704562-803026)

TP55238 -UN-13NOV97

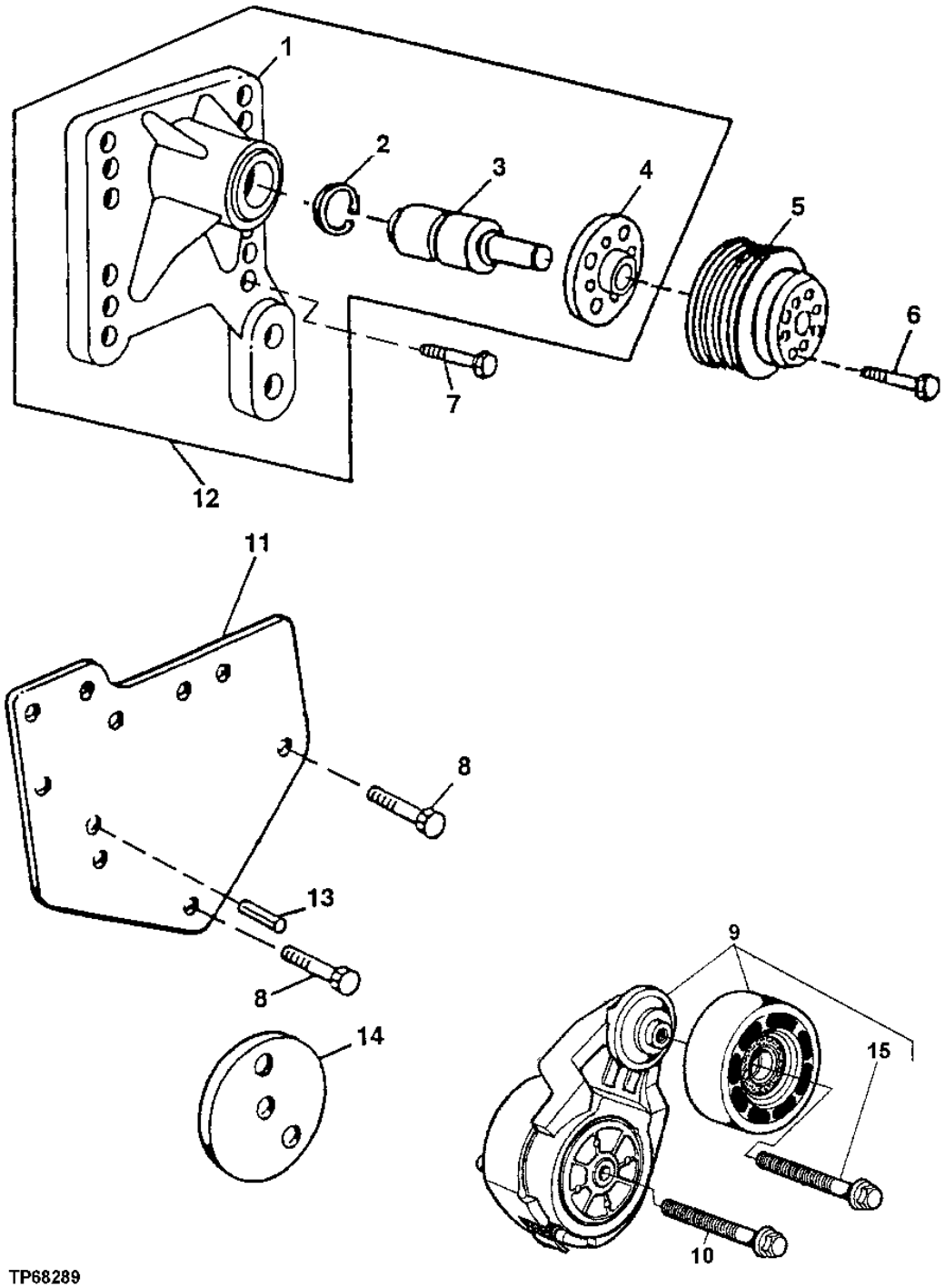


ALTERNATOR MOUNTING BRACKETS, T04045TT054 (ENG. SERIAL NO.704562-803026)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	19M7786	SCREW	2		M10 X 30
2	R100377	BUSHING	1		
3	19M7786	SCREW	3		
4	R132166	BRACKET	1		
5	14M7296	FLANGE NUT	3		
6	19M7785	SCREW	2		M10 X 25
7	19M7801	SCREW	1		M8 X 60
8	R132167	STRAP	1		

FAN DRIVE SUPPORT, PULLEY AND FAN BELT TENSIONERS, T04045TT054 (ENG. SERIAL NO.704562-803026)

TP68289 -UN-29SEP00

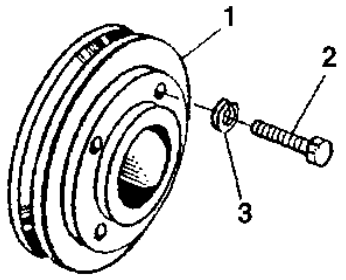


FAN DRIVE SUPPORT, PULLEY AND FAN BELT TENSIONERS, T04045TT054 (ENG. SERIAL NO.704562-803026)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	.....	BEARING HOUSING W/ BEARING	1		(MARKED R134775)
2	E1343FN	SNAP RING	1		
3	.....	SHAFT	1		(RE69292 NO LONGER AVAILABLE)
4	RE500538	BEARING HOUSING W/ BEARING	1		(SUB FOR R123284)
5	R128660	PULLEY	1		
6	19M7784	SCREW	4		M10 X 20
7	19M7835	SCREW	4		M10 X 35
8	19M7801	SCREW	1		M8 X 60
9	RE70536	PULLEY	1		
10	19M8131	SCREW	1		M10 X 70, (SUB FOR 19M7810 AND 19M8340)
11	R132168	SUPPORT	1		
12	RE503664	SUPPORT	1		(MARKED R502014) (SUB FOR RE70177)
13	34M7061	SPRING PIN	1		8 X 20 MM
14	R500321	SPACER	1		
15	R503813	BOLT	1		LEFT HAND THREAD

CRANKSHAFT AUXILIARY DRIVE PULLEY
T04045TT054(ENG.SER.NO.704562-803026)

TP53330 -UN-05SEP96



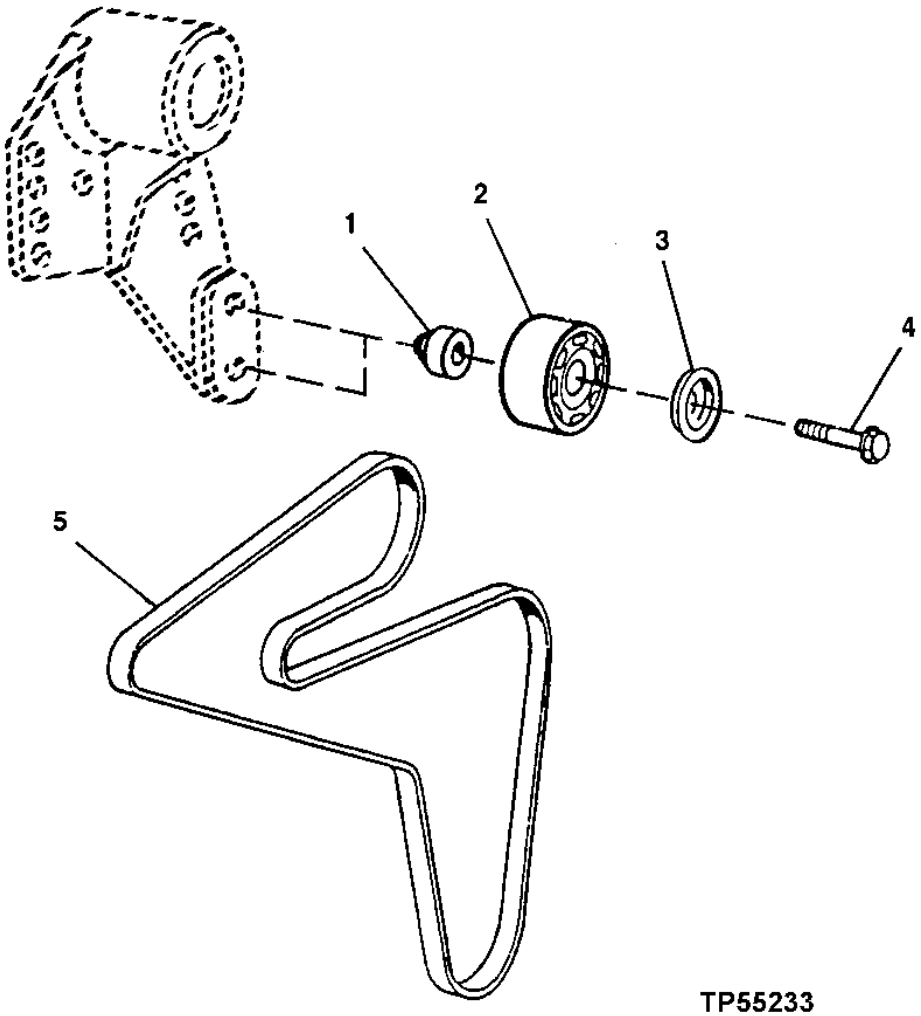
TP53330

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R504762	PULLEY	1		(WITH AIR CONDITIONING)
	R123413	PULLEY	1		(WITHOUT AIR CONDITIONING)
2	19H2633	CAP SCREW	1		9.525 X 38.100 MM (3/8" X 1-1/2")
3	12H304	LOCK WASHER	2		9.525 MM (3/8")

MEMORANDA

FAN BELT AND PULLEY, T04045TT054 (ENG. SERIAL NO. 704562-803026)

TP55233 -UN-11NOV97

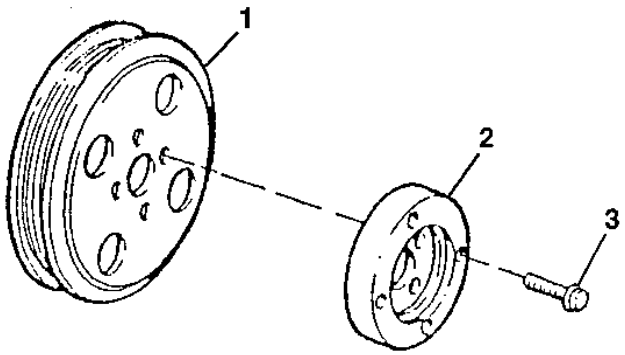


FAN BELT AND PULLEY, T04045TT054 (ENG. SERIAL NO.704562-803026)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R500320	SPACER	1		
2	RE505264	IDLER	1		(SUB FOR RE51281 AND RE68722)
3	R502079	SLEEVE	1		(SUB FOR R500352 AND R107749, THIS APPLICATION)
4	19M7808	SCREW	1		M10 X 65
5	R123437	V-BELT	1	-XXXXXX	(SUB FOR R123432, THIS APPLICATION)
	R122126	V-BELT	1	XXXXXX-	USE WITH PULLEY R128660(168MM)

CRANKSHAFT PULLEY, T04045TT054 (ENG. SERIAL NO.704562-803026)

TP55234 -UN-11NOV97

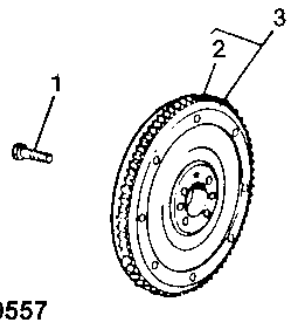


TP55234

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R133295	PULLEY	1		
2	R123486	ADAPTER	1		
3	R121897	CAP SCREW	4		

ENGINE FLYWHEEL, T04045TT054 (ENG. SERIAL NO.704562-803026)

TP49557 -UN-05FEB97

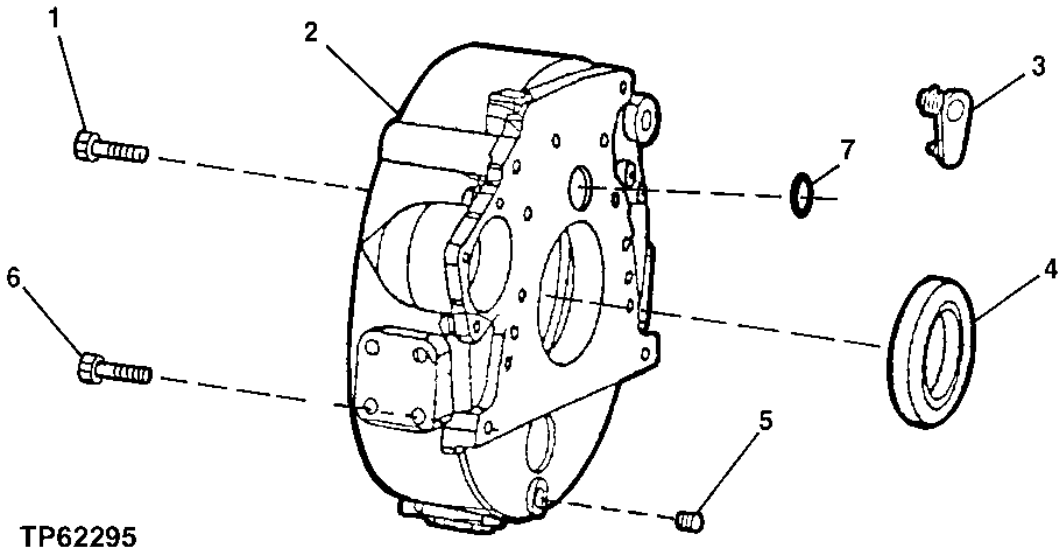


TP49557

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R135918	BOLT	6		
2	R28811	RING GEAR	6		(129 TEETH)
3	RE500527	FLYWHEEL	1		(MARKED R500293) (SUB FOR RE66747)

ENGINE FLYWHEEL HOUSING, T04045TT054 (ENG. SERIAL NO.704562-803026)

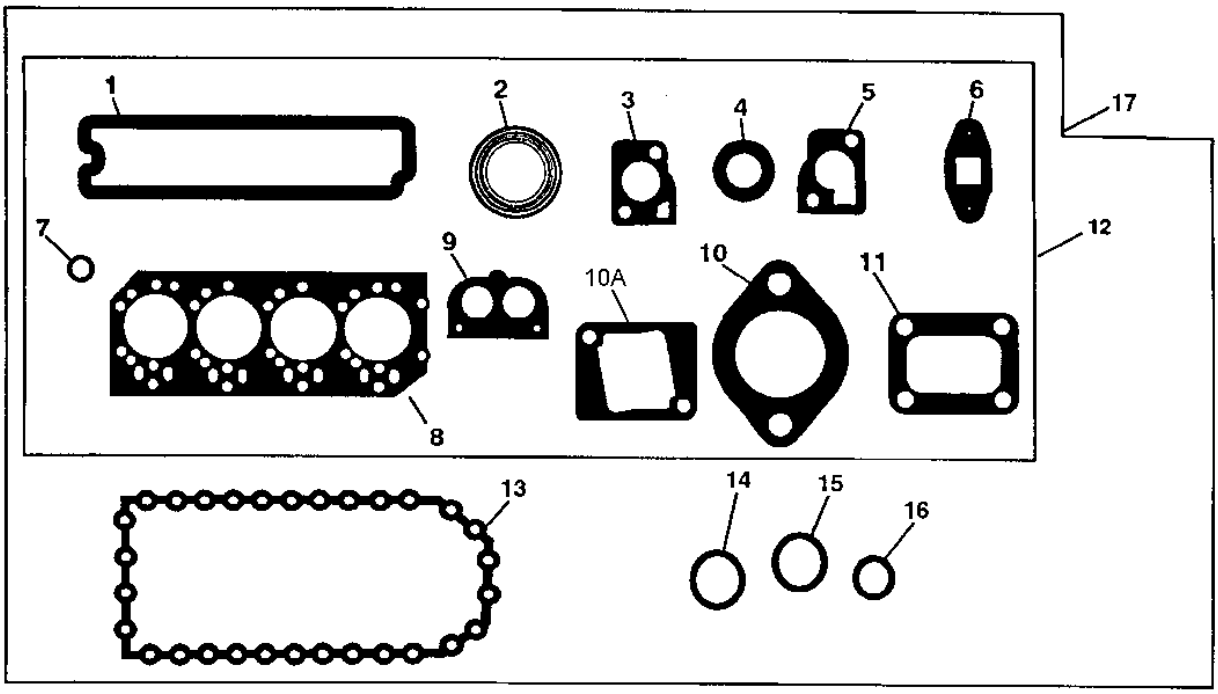
TP62295 -UN-13DEC99



KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R135918	BOLT	8		
2	R123208	HOUSING	1		
3	R131768	PLUG	1		
4	RE44574	SEAL	1		
5	15H624	PIPE PLUG	1		1/2"
6	19M8306	SCREW	4		M12 X 50
7	R61467	O-RING	AR		

CYLINDER HEAD REMOVAL AND IN VEHICLE OVERHAUL GASKET SETS
T04045TT054
(ENG. SERIAL NO.704562-803026)

T150756 -UN-31JAN02

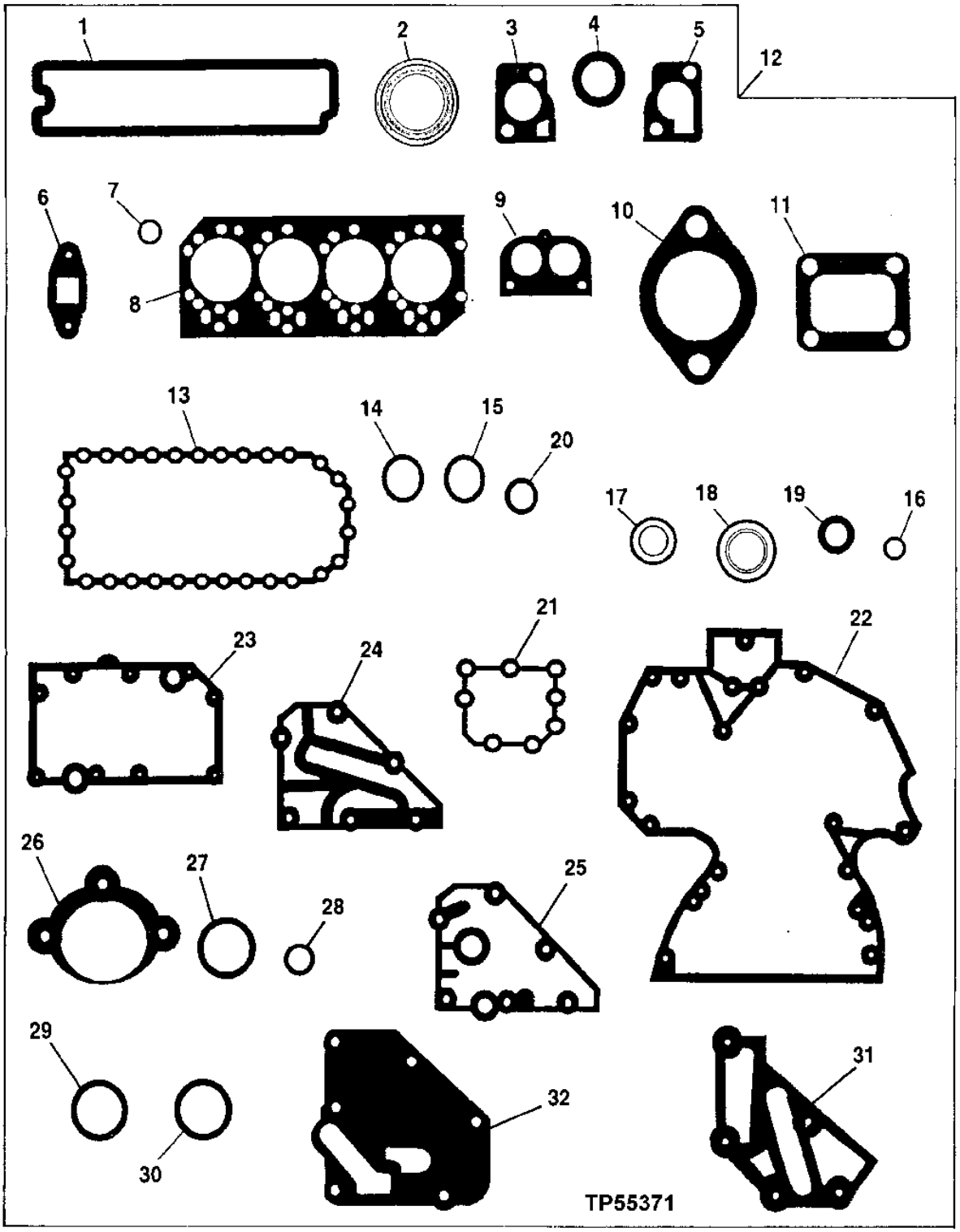


T150756

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R123542	GASKET	1		ROCKER ARM COVER
2	R90658	GASKET	4		EXHAUST MANIFOLD
3	R502814	GASKET	1		(SUB FOR R135896) THERMOSTAT COVER
4	R123226	SEAL	2		WATER BY-PASS TUBE
5	R123345	GASKET	1		THERMOSTAT HOUSING
6	R123570	GASKET	1		TURBOCHARGER OIL OUTLET LINE
7	R123575	O-RING	4		ROCKER ARM COVER HOLD DOWN STUD
8	R116515	ENGINE CYLINDER HEAD GASKET	1		CYLINDER HEAD
9	R501373	GASKET	1		THERMOSTAT COVER, (SUB FOR R54638)
10	R81275	GASKET	1	-XXXXXX	AIR INLET
10A	R133893	GASKET	1	XXXXXX-	AIR INLET
11	R92097	GASKET	1		TURBOCHARGER TO EXHAUST MANIFOLD
12	RE66082	GASKET KIT	1		CYLINDER HEAD REMOVAL
13	R123352	GASKET	1		ENGINE OIL PAN
14	R75892	O-RING	1		OIL PUMP TUBE CONNECTOR
15	R97185	O-RING	1		OIL PUMP OUTLET TUBE TO COVER
16	R61871	O-RING	1		OIL PUMP INTAKE TUBE
17	RE66084	GASKET KIT	1		IN CHASSIS OVERHAUL

ENGINE MAJOR OVERHAUL GASKET SET, T04045TT054 (ENG. SERIAL NO.704562-803026)

TP55371 -UN-07MAY98



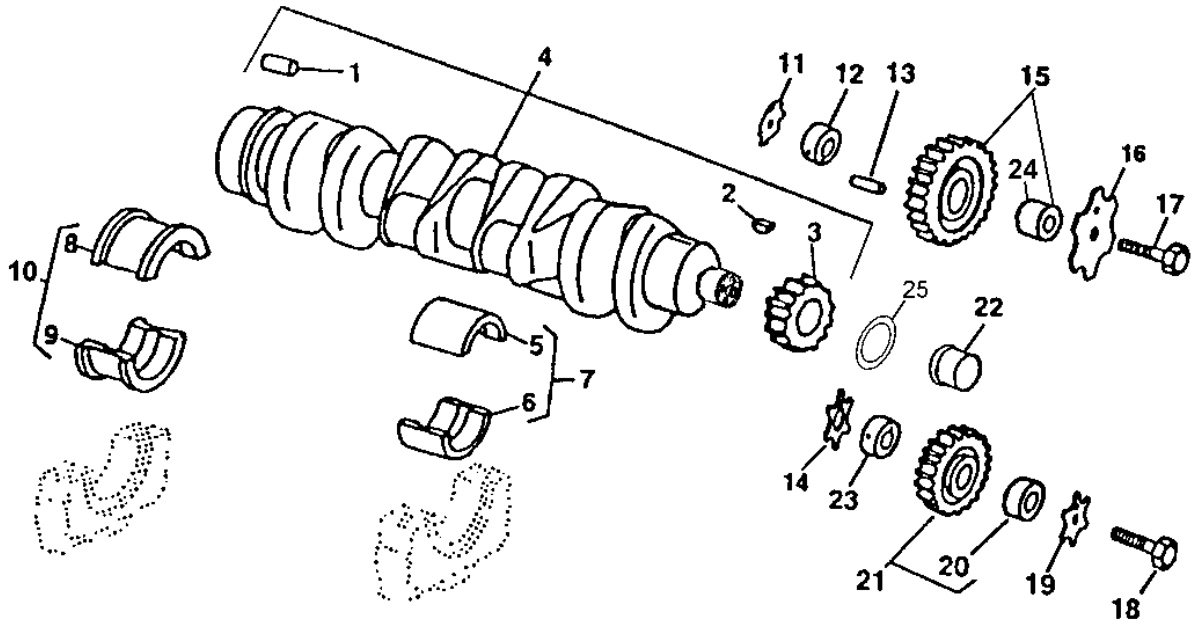
ENGINE MAJOR OVERHAUL GASKET SET, T04045TT054 (ENG. SERIAL NO.704562-803026)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R123542	GASKET	1		ROCKER ARM COVER
2	R90658	GASKET	4		EXHAUST MANIFOLD
3	R121416	GASKET	1		THERMOSTAT COVER
4	R123226	SEAL	2		WATER BY-PASS TUBE
5	R123345	GASKET	1		THERMOSTAT HOUSING
6	R123570	GASKET	1		TURBOCHARGER OIL OUTLET TUBE
7	R123575	O-RING	4		ROCKER ARM COVER HOLD DOWN STUD
8	R116515	ENGINE CYLINDER HEAD GASKET	1		CYLINDER HEAD
9	R501373	GASKET	1		(SUB FOR R54638) THERMOSTAT COVER
10	R81275	GASKET	1		AIR INLET
11	R92097	GASKET	1		TURBOCHARGER TO EXHAUST MANIFOLD
12	RE501455	GASKET KIT	1		(SUB FOR RE66086) MAJOR OVERHAUL
	RE515748	ENGINE OVERHAUL KIT	1		(SUB FOR RE66094) OVERHAUL(INCLUDES MAJOR OVERHAUL GASKET SET; ENGINE CONNECTING ROD BEARINGS;ENGINE MAIN BEARINGS AND PISTON AND CYLINDER LINER KITS) (ORDER ONE KIT PER ENGINE)
13	R123352	GASKET	1		ENGINE OIL PAN
14	R75892	O-RING	1		OIL PUMP TUBE CONNECTOR
15	R97185	O-RING	1		OIL PUMP OUTLET TUBE TO COVER
16	R61871	O-RING	1		OIL PUMP INTAKE TUBE
17	A4827R	WASHER	1		OIL PRESSURE REGULATOR PLUG
18	RE44574	SEAL	1		REAR OIL SEAL
19	RE516340	KIT	1		FRONT OIL SEAL, (MARKED RE52346 OR RE505515) (SUB FOR RE59810)
20	R112316	VALVE	1		FUEL TRANSFER PUMP
21	R123417	GASKET	1		WATER PUMP
22	R136516	GASKET	1		TIMING GEAR COVER
23	R123501	GASKET	1		OIL COOLER HOUSING
24	R123504	GASKET	1		REMOTE OIL FILTER ADAPTER
25	R123525	GASKET	1	-764919	OIL FILTER HEADER
26	R53108	GASKET	1		STARTING MOTOR
27	R72328	O-RING	4		OIL FILTER TUBES
28	R89944	O-RING	1		WATER PUMP INLET
29	R61105	O-RING	2		CONNECTOR TUBE TO TIMING GEAR COVER
30	T122075	O-RING	2		OIL COOLER TO HOUSING
31	R501428	GASKET	1		(SUB FOR R123502) COOLANT PASSAGE ADAPTER
32	R500374	GASKET	1	764920-	OIL FILTER HEADER

MEMORANDA

CRANKSHAFT, GEAR AND MAIN BEARINGS, PE4045TP052 (ENG. SERIAL NO.026650-)

T155453 -UN-05JUN02

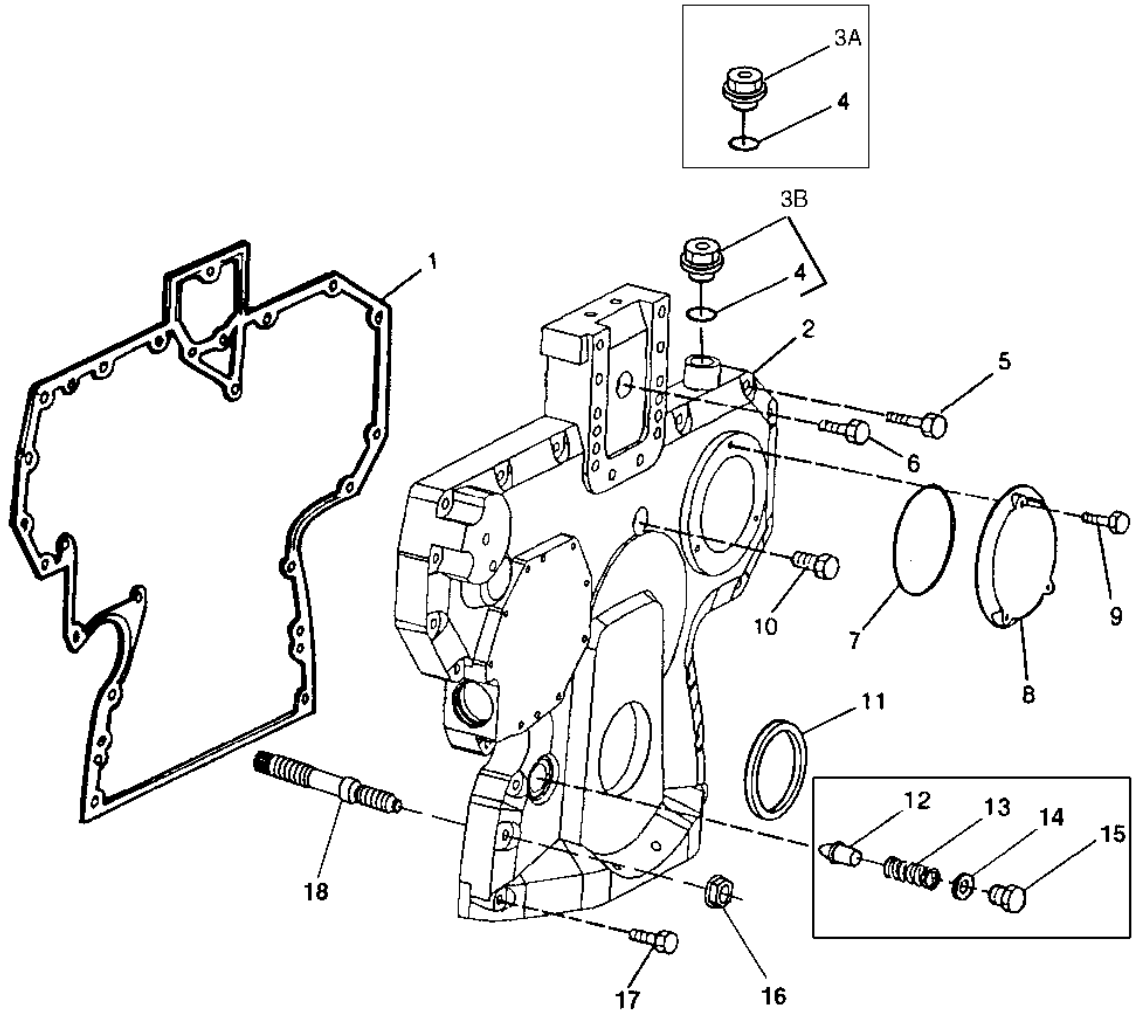


T155453

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R48685	DOWEL PIN	1		12.700 X 28.448 MM (1/2" X 1.120")
2	26M4224	SHAFT KEY	1	-903066	4 X 16 MM
	R505609	SHAFT KEY	1	903067-	
3	R120631	HELICAL GEAR	1		(30 TEETH)
4	RE50618	CRANKSHAFT	1	-903066	(MARKED R113596) (SUB RE504638 AND RE516340) (ALSO ORDER RE59811)
	RE504638	CRANKSHAFT	1	903067-	(ALSO ORDER RE516340) (MARKED R113596)
5	.....	BEARING	4		STANDARD UPPER, (MARKED R123561)
6	.....	BEARING	4		STANDARD LOWER, (MARKED R123562)
7	RE65165	BEARING KIT	4		STANDARD
8	.....	BEARING	1		STANDARD UPPER, (MARKED R123563)
9	.....	BEARING	1		STANDARD LOWER, (MARKED R123564)
10	RE65168	BEARING KIT	1		STANDARD
11	R101225	THRUST WASHER	1		
12	R109863	SHAFT	1		UPPER
13	34H288	SPRING PIN	AR		4.775 X 44.450 MM (3/16" X 1-3/4")
14	R101225	THRUST WASHER	1		
15	RE500631	GEAR	1		
16	R131283	THRUST WASHER	1		
17	19M8844	SCREW	1		M10 X 60
18	19M8966	SCREW	1		M10 X 50
19	R131283	THRUST WASHER	1		
20	R114193	BUSHING	1		
21	RE56369	GEAR	1		
22	RE59811	SLEEVE	1		
23	R114194	SHAFT	1		
24	T20034	BUSHING	1		
25	RE516340	KIT	1	903067-	

TIMING GEAR COVER
PE4045TP052
(ENGINE SERIAL NUMBER 026650-900932)

T146513 -UN-12OCT01



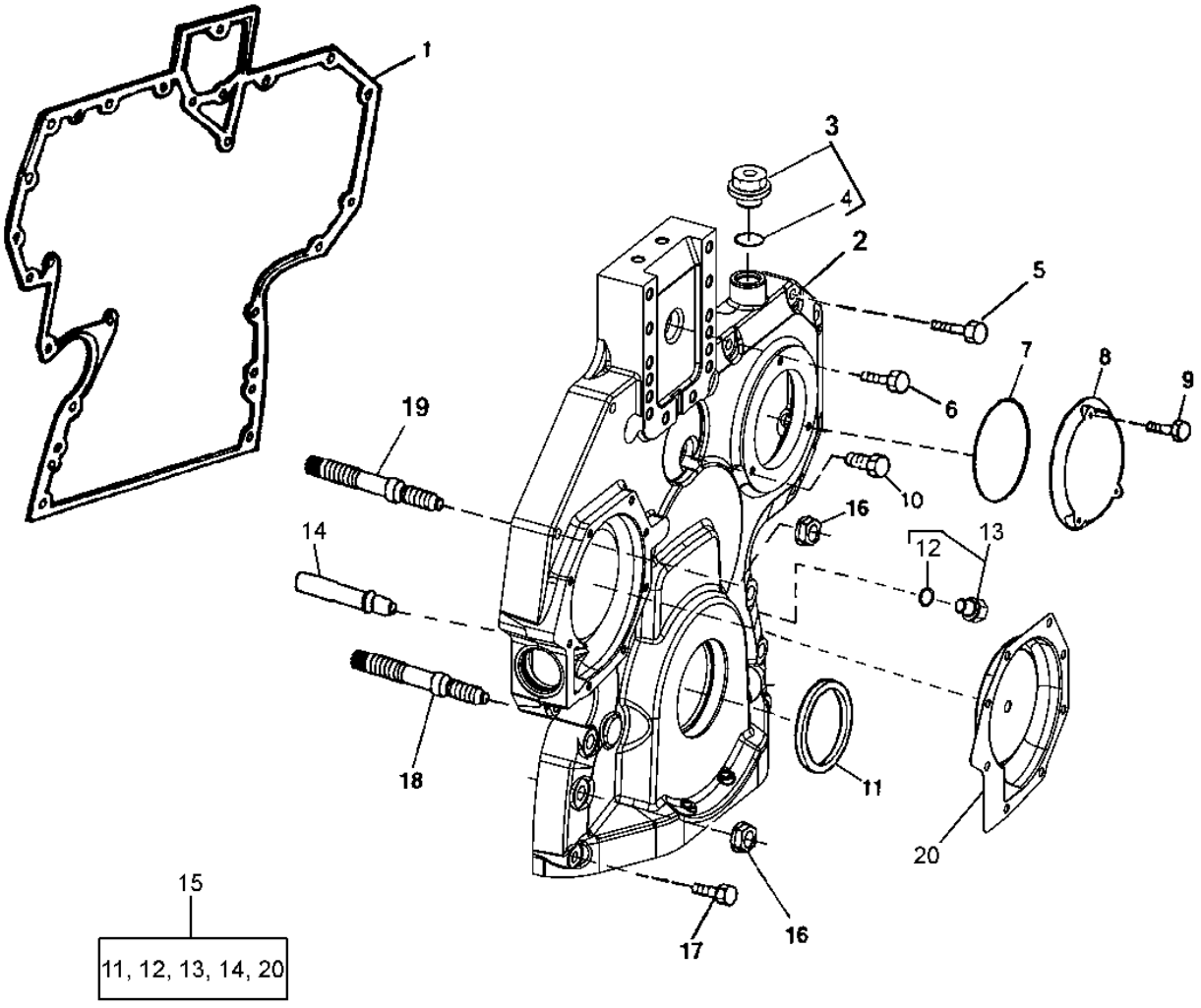
T146513

TIMING GEAR COVER
PE4045TP052
(ENGINE SERIAL NUMBER 026650-900932)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R136516	GASKET	1		
2	R505462	COVER	1		(SUB FOR R134531) (SUB R504725 AND RE515978)
3A	R101085	DRAIN PLUG	1		
3B	RE501938	PLUG	1		
4	51M7044	O-RING	1		17.300 X 2.200 MM
5	19M8317	SCREW	6		M8 X 40
	19M7801	SCREW	1		M8 X 60
	19M7867	SCREW	1		M8 X 25
	RE67239	SCREW	1		
6	19M8291	SCREW	1		M8 X 35
7	R121424	O-RING	1		
8	R121411	COVER	1		
9	19M7775	SCREW	3		M6 X 16
10	19M7801	SCREW	1		M8 X 60
11	RE516340	KIT	1		(MARKED RE52346 OR RE505515) (SUB FOR RE59810)
12	R83169	VALVE	1	-889024	
13	R131425	COMPRESSION SPRING	1	-889024	
14	A4827R	WASHER	1	-889024	
15	R91692	PLUG	1	-889024	OIL PRESSURE REGULATING
16	14M7296	FLANGE NUT	4		M10
17	19M7979	SCREW	2		M8 X 55
18	R123584	STUD	4		

TIMING GEAR COVER
(ENGINE SERIAL NO. 900933-)

T149705 -UN-07FEB02



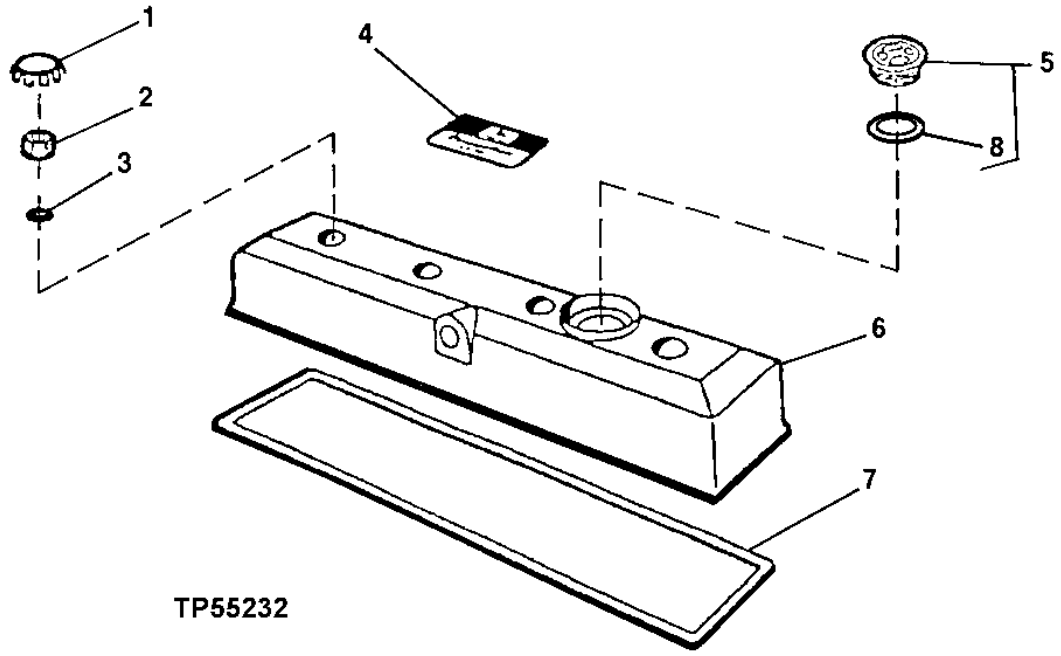
T149705

TIMING GEAR COVER
(ENGINE SERIAL NO. 900933-)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R136516	GASKET	1		
2	R504725	COVER	1		
3	RE501938	PLUG	1		(WITHOUT TACHOMETER SENSOR)
4	51M7044	O-RING	1		17.300 X 2.200 MM
5	19M8317	SCREW	6		M8 X 40
	19M7867	SCREW	1		M8 X 25
	RE67239	SCREW	1		
6	19M8291	SCREW	1		M8 X 35
7	R121424	O-RING	1		
8	R121411	COVER	1		
9	19M7775	SCREW	3		M6 X 16
10	19M7801	SCREW	1		M8 X 60
11	RE516340	SEAL	1		(MARKED RE52346 OR RE505515) (SUB FOR RE59810)
12	51M7044	O-RING	1		17.300 X 2.200 MM
13	RE501938	PLUG	1		
14	RE505501	BLEED VALVE	1		
15	RE515978	KIT	1		
16	14M7296	FLANGE NUT	6		M10
17	19M7979	SCREW	2		M8 X 55
18	R123584	STUD	4		
19	R134518	STUD	2		
20	RE508566	KIT	1		(WATER PUMP INSERT REPAIR)

ROCKER ARM COVER, PE4045TP052 (ENG. SERIAL NO. 026650-)

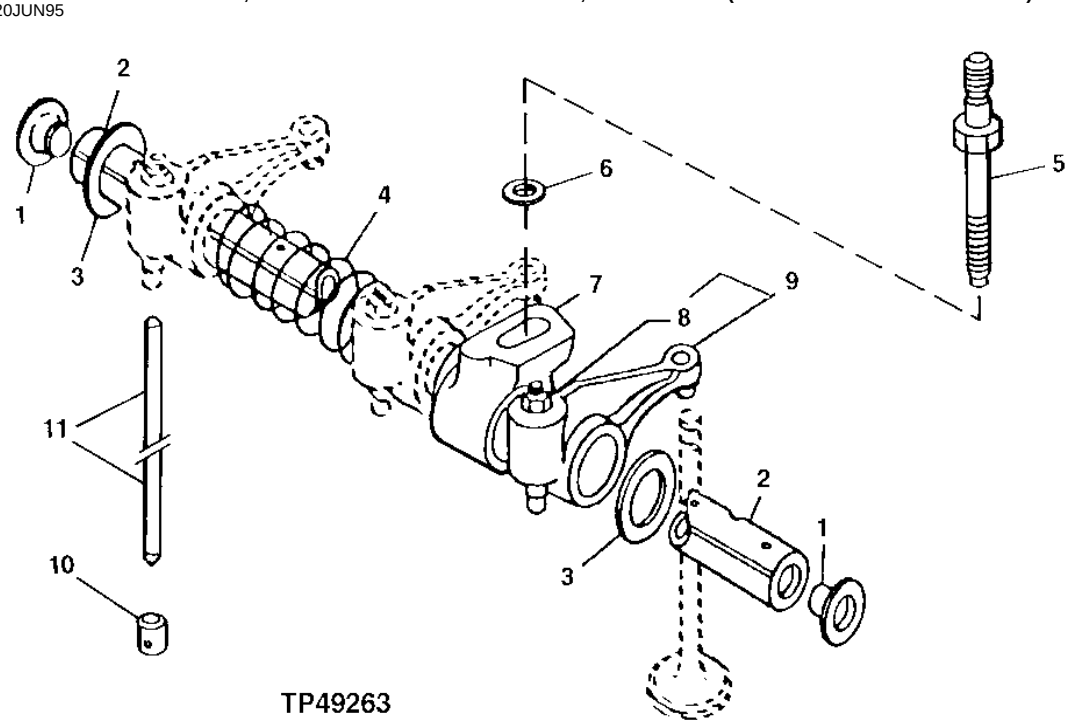
TP55232 -UN-11NOV97



KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	H23125	PLUG	4		
2	R123574	NUT	4		
3	R123575	O-RING	4		
4	R116324	MEDALLION	1		
5	RE500005	FILLER CAP	1		
6	RE70403	VALVE COVER	1		
7	R123542	GASKET	1		
8	R500001	PACKING	1		(USE WITH RE500005)

ROCKER ARM SHAFT, PUSH RODS AND ROCKER ARMS, PE4045TP052 (ENG. SERIAL NO. 026650-)

TP49263 -UN-20JUN95

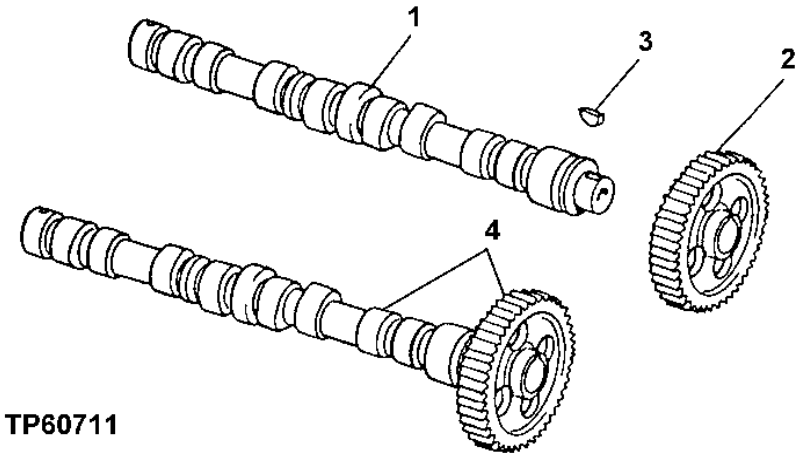


TP49263

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R54565	PLUG	2		
2	R123513	ROCKER ARM SHAFT	1		
3	T20316	WASHER	2		
4	T20314	SPRING	3		
5	R123271	STUD	4		
6	R42729	WASHER	4		
7	R123161	SUPPORT	4		
8	14M7148	NUT	1		M10
9	RE68695	ROCKER ARM	8		
10	R123565	FOLLOWER	8		
11	R107731	PUSH ROD	8		

CAMSHAFT, PE4045TP052 (ENG. SERIAL NO. 026650-)

TP60711 -UN-17JUN98

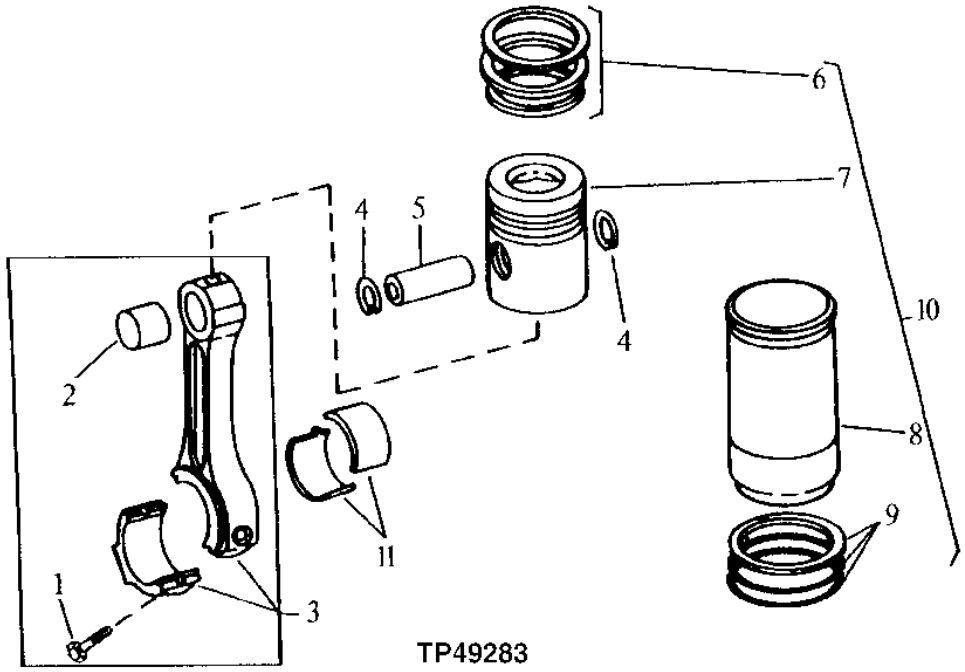


KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	.....	CAMSHAFT	1		(R135439 NO LONGER AVAILABLE)
2	.....	GEAR	1		(60 TEETH) (R133812 NO LONGER AVAILABLE)
3	.....	SHAFT KEY	1		(R133303 NO LONGER AVAILABLE)
4	RE56375	CAMSHAFT	1		(WITH GEAR AND KEY) (MARKED R135439)

MEMORANDA

CONNECTING ROD,BEARINGS AND PISTON, PE4045TP052 (ENG. SERIAL NO. 026650-)

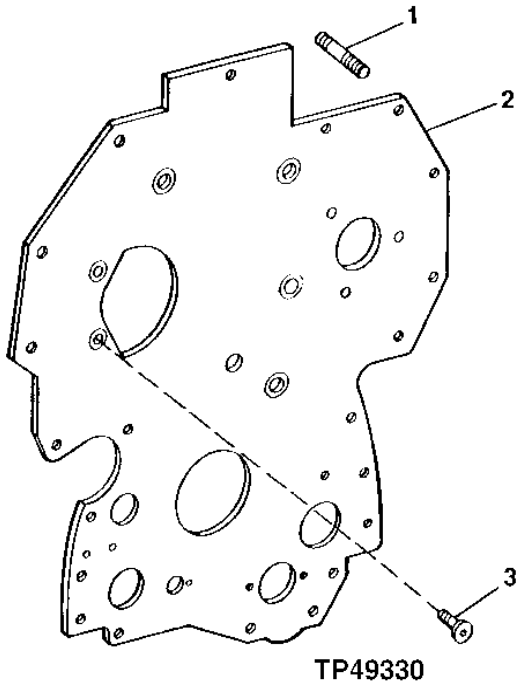
TP49283 -UN-17JUL95



KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R501124	SCREW	8		
2	R114082	BUSHING	8		
3	RE500608	CONNECTING ROD	4		(MARKED R500335)
4	R54114	SNAP RING	8		
5	R123177	PISTON PIN	4		
6	RE507852	PISTON RING KIT	4		(SUB FOR RE66820)
7	.....	PISTON	4		
8	.....	CYLINDER LINER	4		
9	AR65507	O-RING KIT	4		CYLINDER LINER
10	RE505112	PISTON-LINER KIT	4		PISTON WITH LINER, (SUB FOR RE65969)
11	RE65908	BEARING	4		STANDARD

ENGINE FRONT PLATE, PE4045TP052 (ENG. SERIAL NO. 026650-)

TP49330 -UN-14NOV95

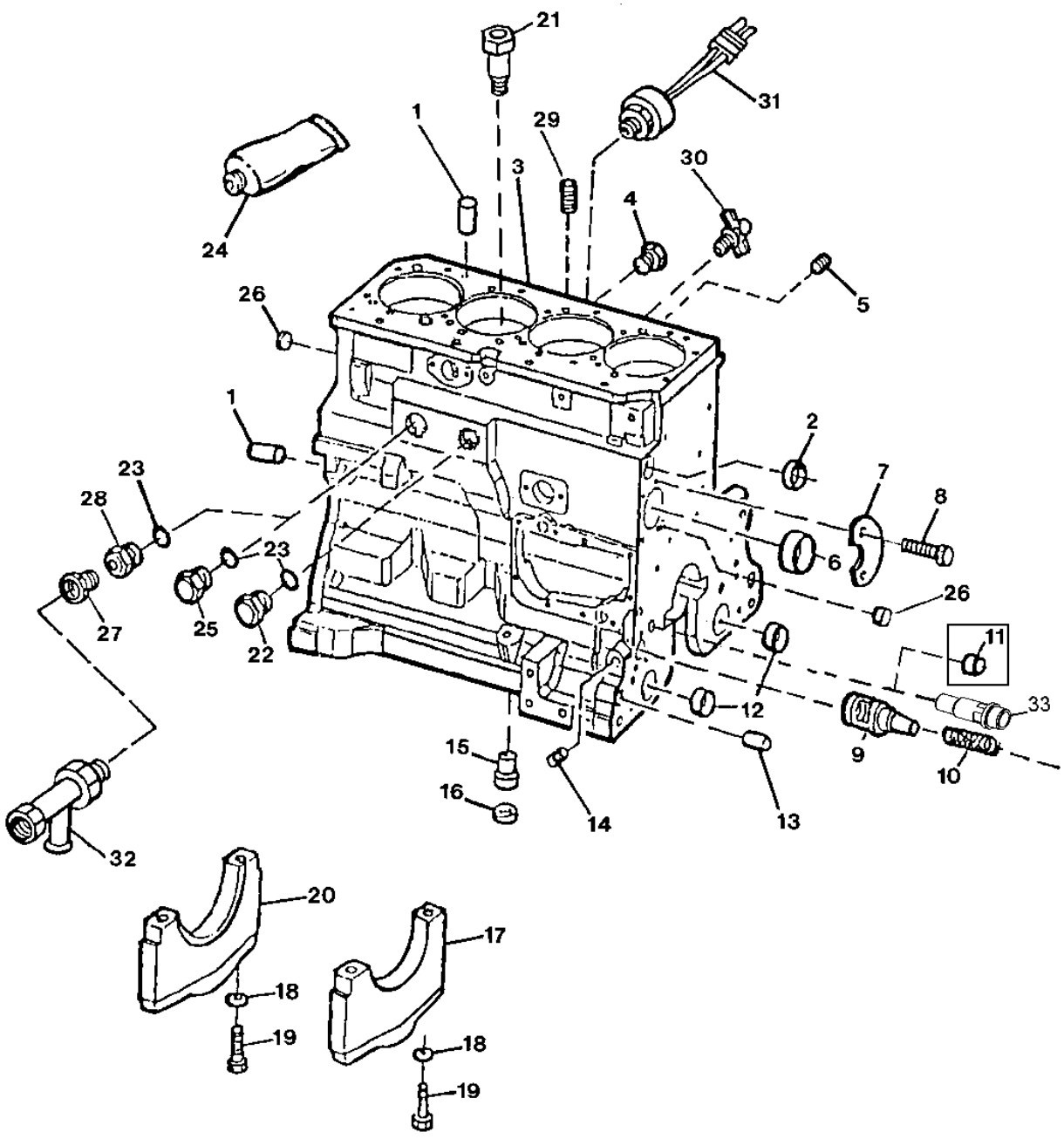


TP49330

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R134518	STUD	2		
2	R134527	PLATE	1		
3	R136475	SCREW	6		

CYLINDER BLOCK AND MAIN BEARING CAP, PE4045TP052 (ENG. SERIAL NO. 026650-)

T146510 -UN-15OCT01



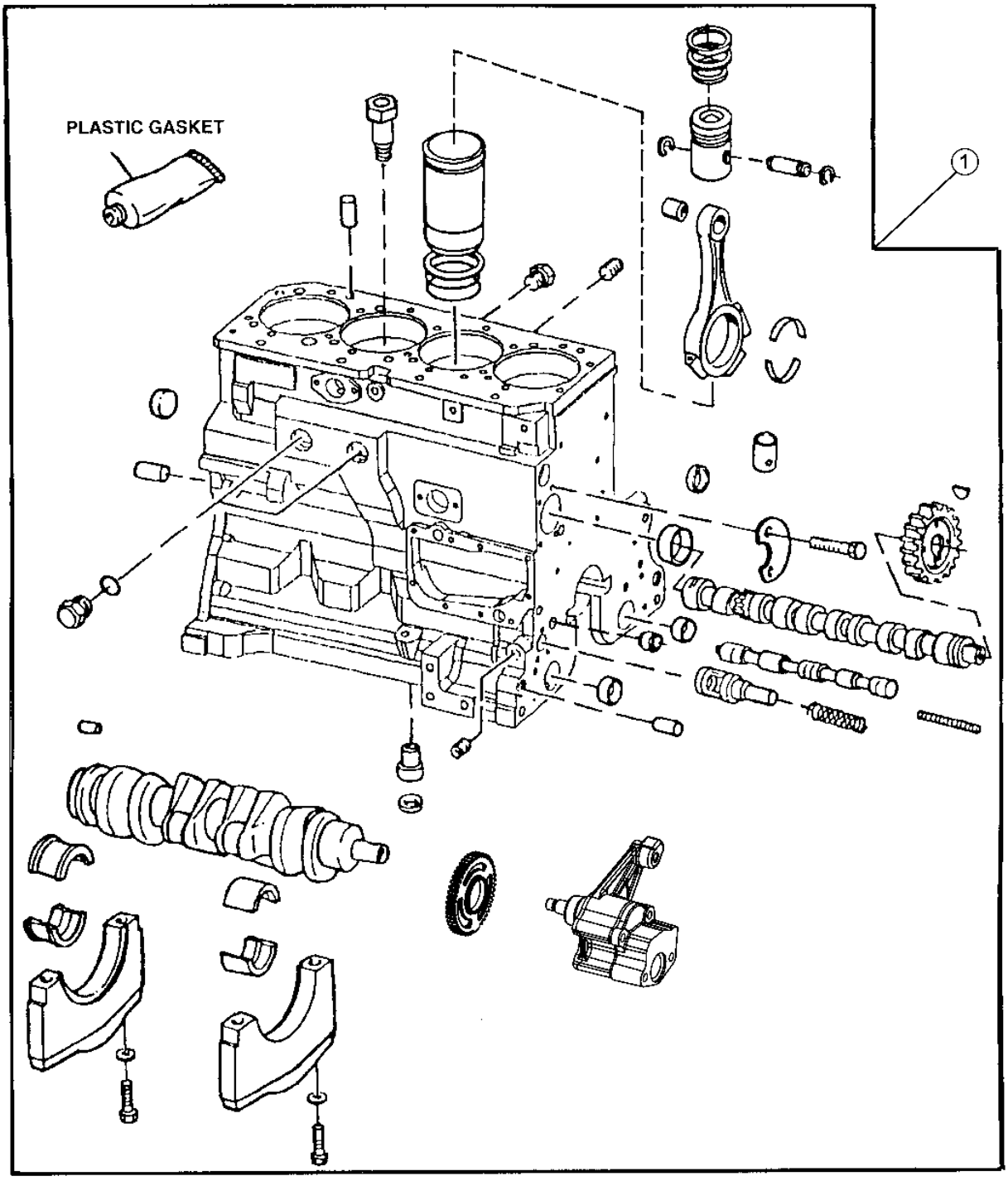
T146510

CYLINDER BLOCK AND MAIN BEARING CAP, PE4045TP052 (ENG. SERIAL NO. 026650-)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R48685	DOWEL PIN	4		
2	R116466	PLUG	1		
3	.....	CYLINDER BLOCK	1		(MARKED R115081) (ORDER RE516101)
4	R55233	PIPE PLUG	1		COOLANT DRAIN
5	R104592	PIPE PLUG	5		
6	R119874	BUSHING	1		CAMSHAFT
7	R132518	PLATE	1		
8	19M8999	SCREW	2		M8 X 25
9	R121043	FLOW CONTROL HYD. VALVE	1		ENGINE OIL BY-PASS
10	R111137	SPRING	1		
11	R26493	BUSHING	1	-889024	OIL PRESSURE REGULATING
12	R115299	BUSHING	6		BALANCER SHAFT
13	R26650	DOWEL PIN	2		
14	15H623	PIPE PLUG	1		3/8"
15	R115390	BUSHING	1		
16	R75892	O-RING	1		
17	R114241	BEARING CAP	4		
18	T20168	WASHER	10		
19	T23474	CAP SCREW	10		
20	R132186	BEARING CAP	1		
21	R131182	ORIFICE	4		
22	R39741	DRAIN PLUG	1		
23	U13639	O-RING	2		
24	PM38655	SEALANT	1		(SUB FOR TY6304) LIQUID GASKET
25	R39741	DRAIN PLUG	1		WITHOUT CAB HEATER
26	T18891	PLUG	2		
27	RE46685	PLUG	1		WITHOUT CAB HEATER
28	R123616	PLUG	1		WITH CAB HEATER
29	15H624	PIPE PLUG	AR		1/2"
30	AT13740	DRAIN VALVE	1		
31	AT145384	SWITCH	1		ENGINE OIL PRESSURE
32	RE507952	DRAIN VALVE	1		(SUB FOR RE59579, THIS APPLICATION) (WITH CAB HEATER)
33	RE505501	BLEED VALVE	1	889025-	(OIL PRESSURE REGULATING)

ENGINE SHORT BLOCK
(ENG. SERIAL NO. 026650-)

T156111 -UN-13JUN02



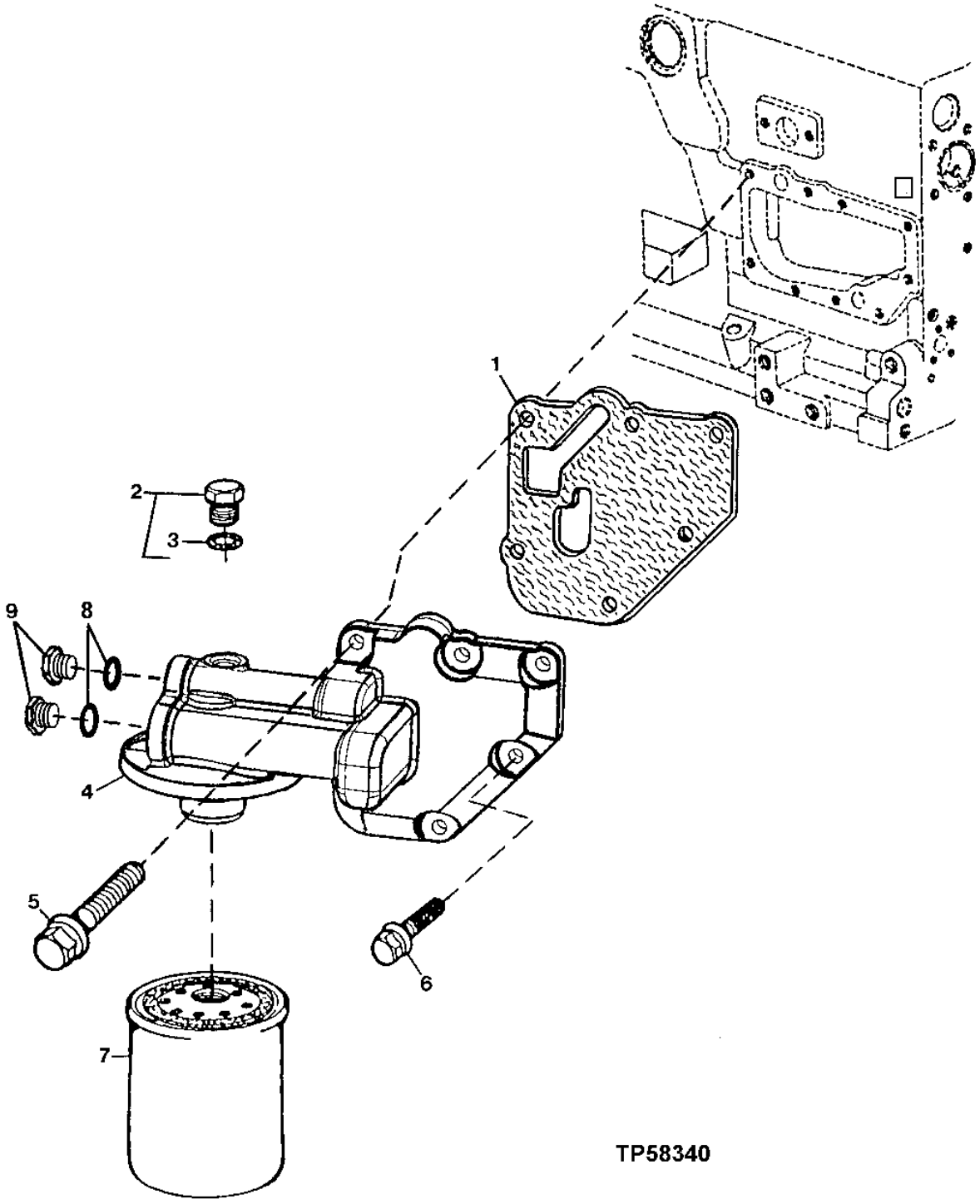
T156111

ENGINE SHORT BLOCK
(ENG. SERIAL NO. 026650-)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	RE516101	SHORT BLOCK ASSEMBLY	1		(MARKED R115081) (SUB FOR RE65957) (DOES NOT INCLUDE FRONT PLATE)

ENGINE OIL FILTER HEADER AND FILTER ELEMENT PE4045TP02 (ENGINE SERIAL NO.XXXXXX-)

TP58340 -UN-28OCT98



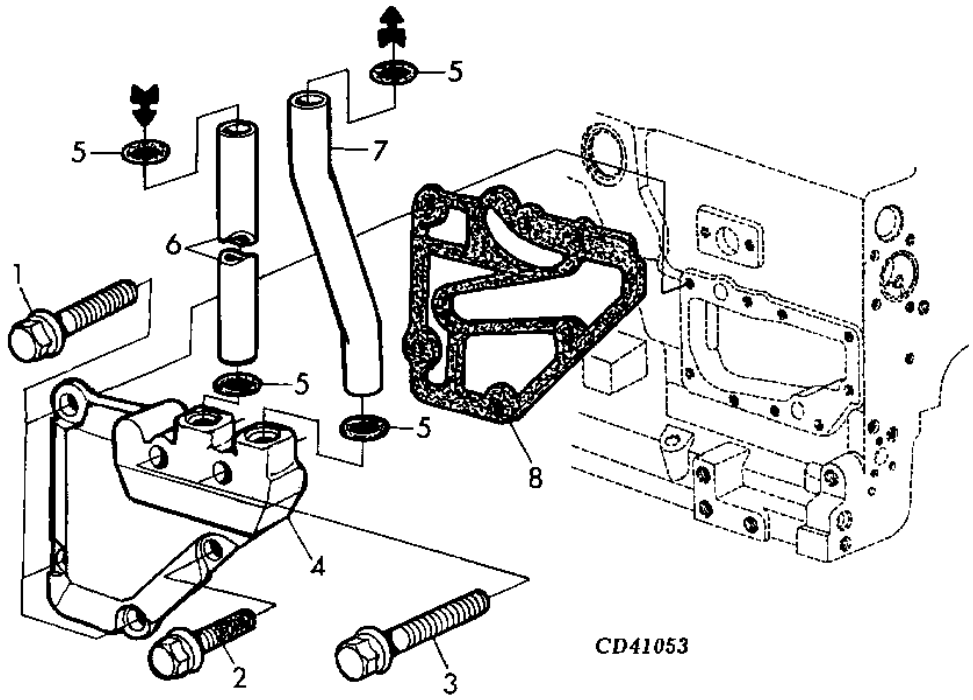
TP58340

ENGINE OIL FILTER HEADER AND FILTER ELEMENT PE4045TP052 (ENGINE SERIAL NO.XXXXXX-)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R500374	GASKET	1		
2	RE52242	PLUG	AR		WITHOUT TURBO
3	51M7042	O-RING	1		13.300 X 2.200 MM
4	RE500133	FILTER HEAD	1		
5	19M7802	SCREW	5		M8 X 65
6	RE67238	SCREW	1		(WITH PRE-APPLIED SEALANT)
7	RE59754	OIL FILTER	1		
	RE67764	OIL FILTER	1		(HIGH CAPACITY OIL FILTER)
8	51M7045	O-RING	2		
9	R116115	FITTING	2		

ADAPTER / COOLANT LINES, PE4045TP052 (ENG. SERIAL NO.026650-)

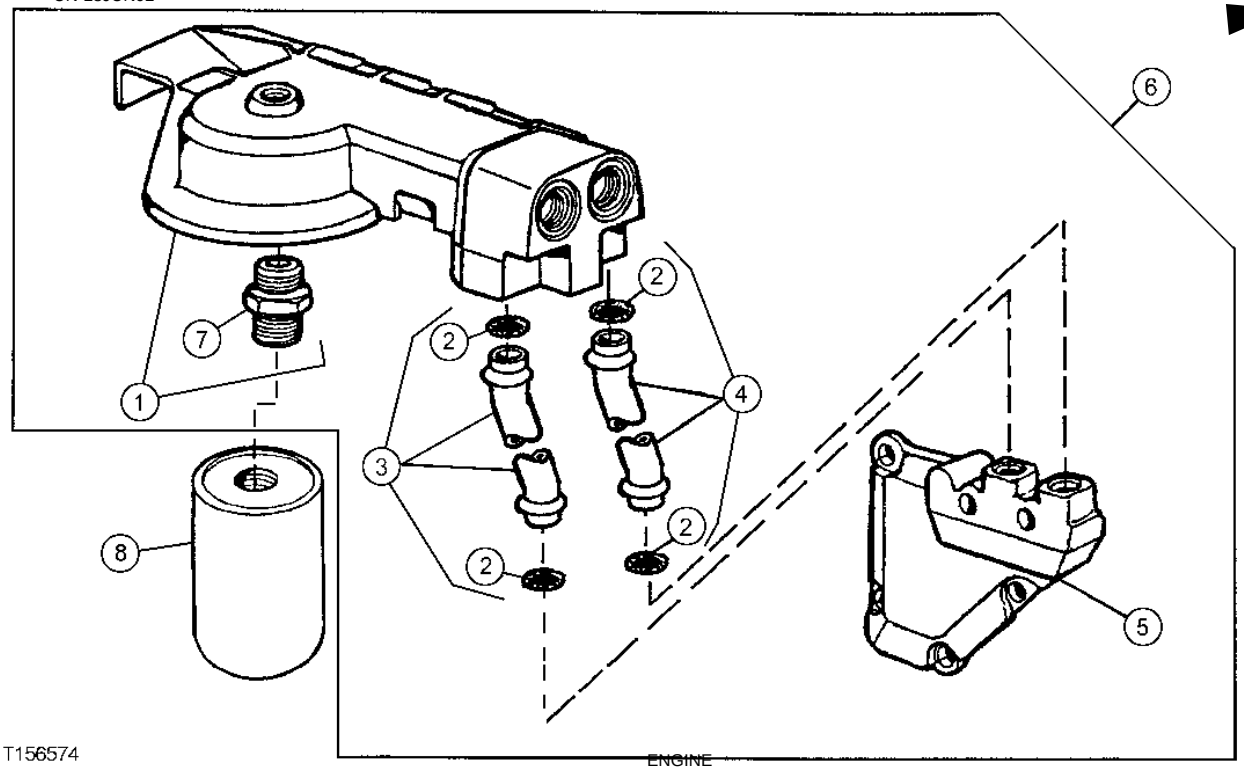
CD41053 -UN-05DEC96



KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	19M7802	SCREW	3		M8 X 65
2	RE67238	SCREW	1		M8 X 20 (WITH SEALANT)
3	19M7913	SCREW	2		M8 X 90
4	R501436	ADAPTER	1		
5	R56462	O-RING	4		
6	RE502660	TUBE	1	-XXXXXX	
	RE506818	TUBE	1	XXXXXX-	
7	RE502661	TUBE	1	-XXXXXX	
	RE506819	TUBE	1	XXXXXX-	
8	R123504	GASKET	1		

REPLACEMENT ENGINE OIL FILTER HEADER KIT
PE4045TP052
ENGINE SERIAL NO.026650-)

T156574 -UN-28JUN02

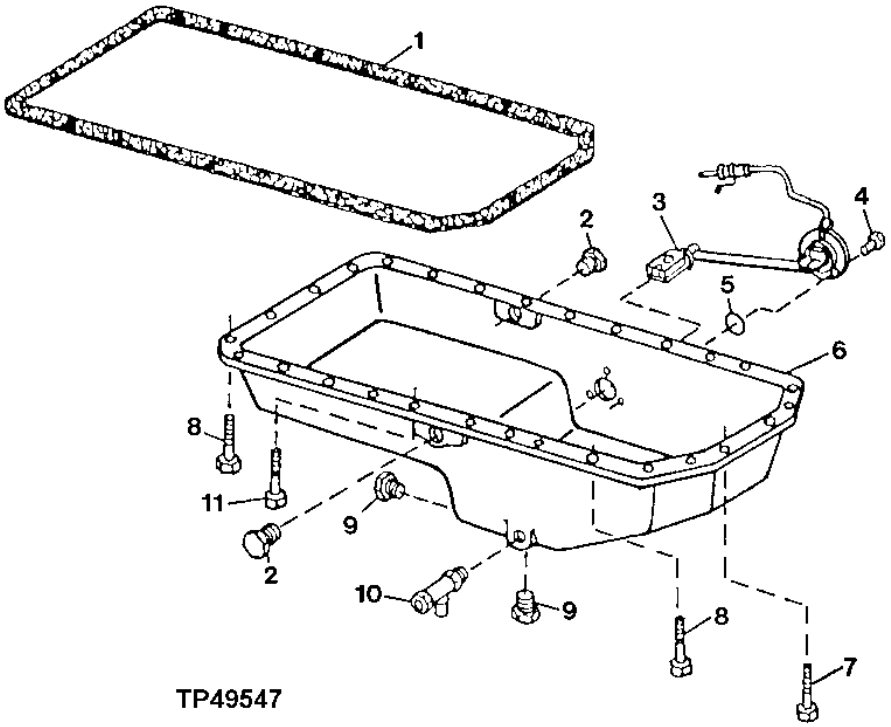


T156574

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	RE503727	FILTER HEAD	1		(MARKED R501439)
2	R56462	O-RING	4		
3	RE502660	TUBE	1	-850628	(REAR)
	RE506818	TUBE	1	850629-	
4	RE502661	TUBE	1	-850628	(FRONT)
	RE506819	TUBE	1	850629-	
5	R501436	ADAPTER	1		
6	RE509313	FILTER HEAD	1		(SUB FOR RE509313)
7	.....	ADAPTER	1		(R123591 NO LONGER AVAILABLE,FURNISH RE503727)
8	RE59754	OIL FILTER	1		
	RE67764	OIL FILTER	1		(HIGH CAPACITY OIL FILTER)

ENGINE OIL PAN, PE4045TP052 (ENG. SERIAL NO. 026650-)

TP49547 -UN-12FEB97



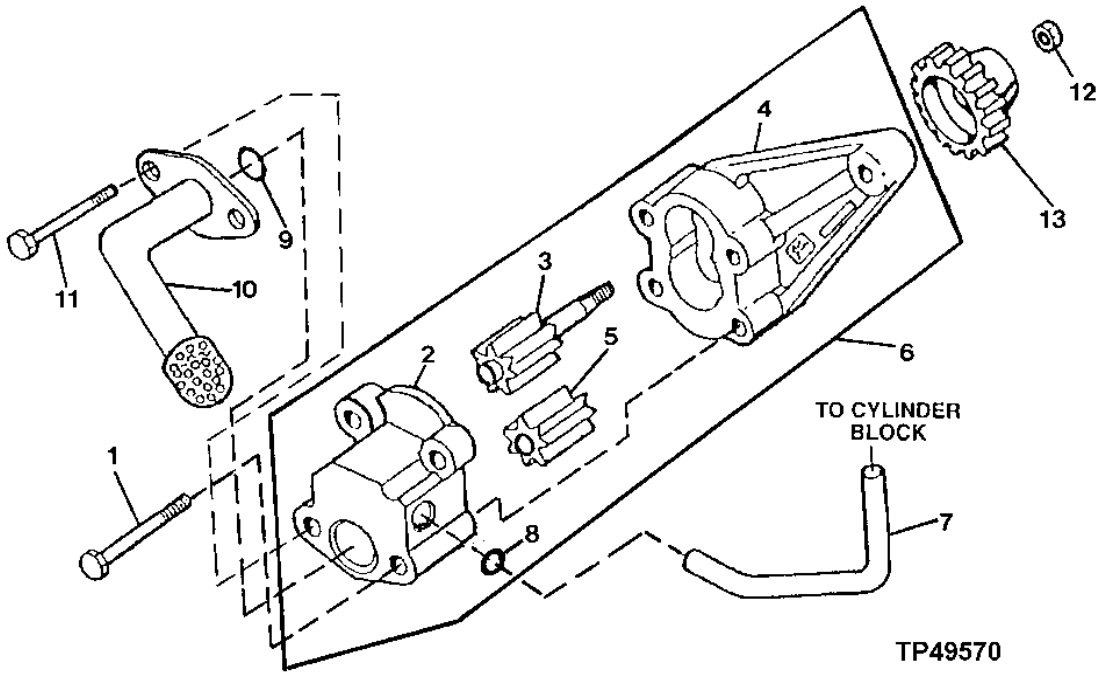
TP49547

ENGINE OIL PAN, PE4045TP052 (ENG. SERIAL NO. 026650-)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R123353	GASKET	1		
2	RE46687	DRAIN PLUG	2		
3	RE16223	SENSOR	1		ENGINE OIL LEVEL
4	19M8425	CAP SCREW	3		M6 X 16
5	R47154	O-RING	1		
6	R121622	OIL PAN	1		
7	19M7868	SCREW	4		M8 X 30
8	19M7867	CAP SCREW	24		M8 X 25
9	RE46685	PLUG	2		
10	RE507952	DRAIN VALVE	1		(SUB FOR RE59579, THIS APPLICATION)
11	19M7799	PLUG	4		M8 X 45

ENGINE OIL PUMP AND OIL PUMP INTAKE, PE4045TP052 (ENG. SERIAL NO. 026650-)

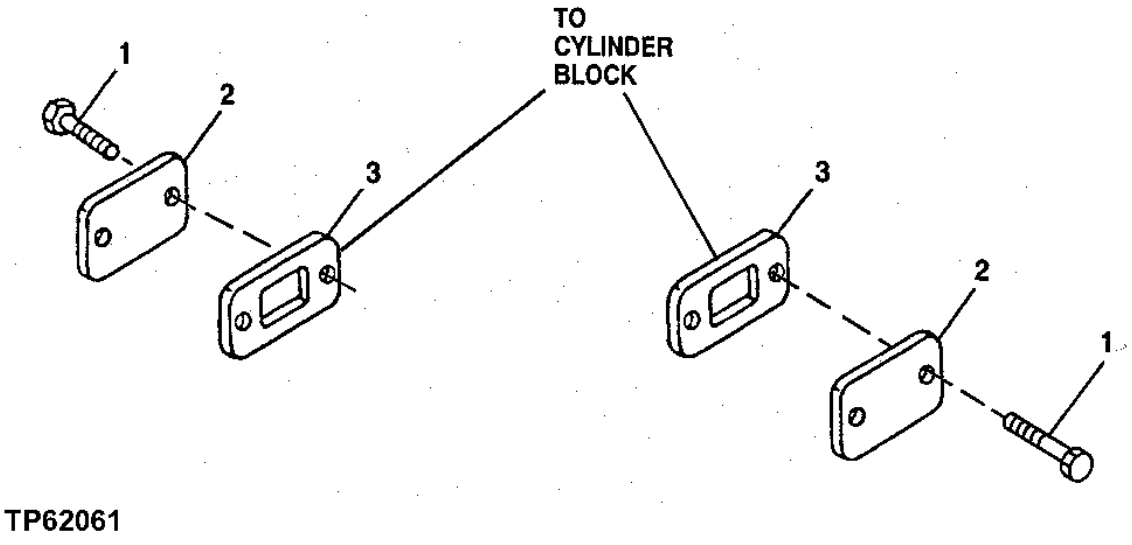
TP49570 -UN-17FEB97



KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	19M8987	SCREW	2		M8 X 65
2	.....	COVER	1		
3	.....	GEAR	1		
4	.....	HOUSING	1		
5	.....	GEAR	1		
6	RE504914	OIL PUMP	1		(MARKED RE504913)
7	R121376	TUBE	1		
8	R97185	O-RING	1		
9	R61871	O-RING	1		
10	RE70073	OIL PUMP INTAKE	1		
11	19M8986	SCREW	2		M8 X 100
12	14M7066	NUT	1		M12
13	R120638	GEAR	1		(30 TEETH)

ENGINE OIL FILLER INLET COVER, PE4045TP052 (ENG. SERIAL NO. 026650-)

TP62061 -UN-30APR99

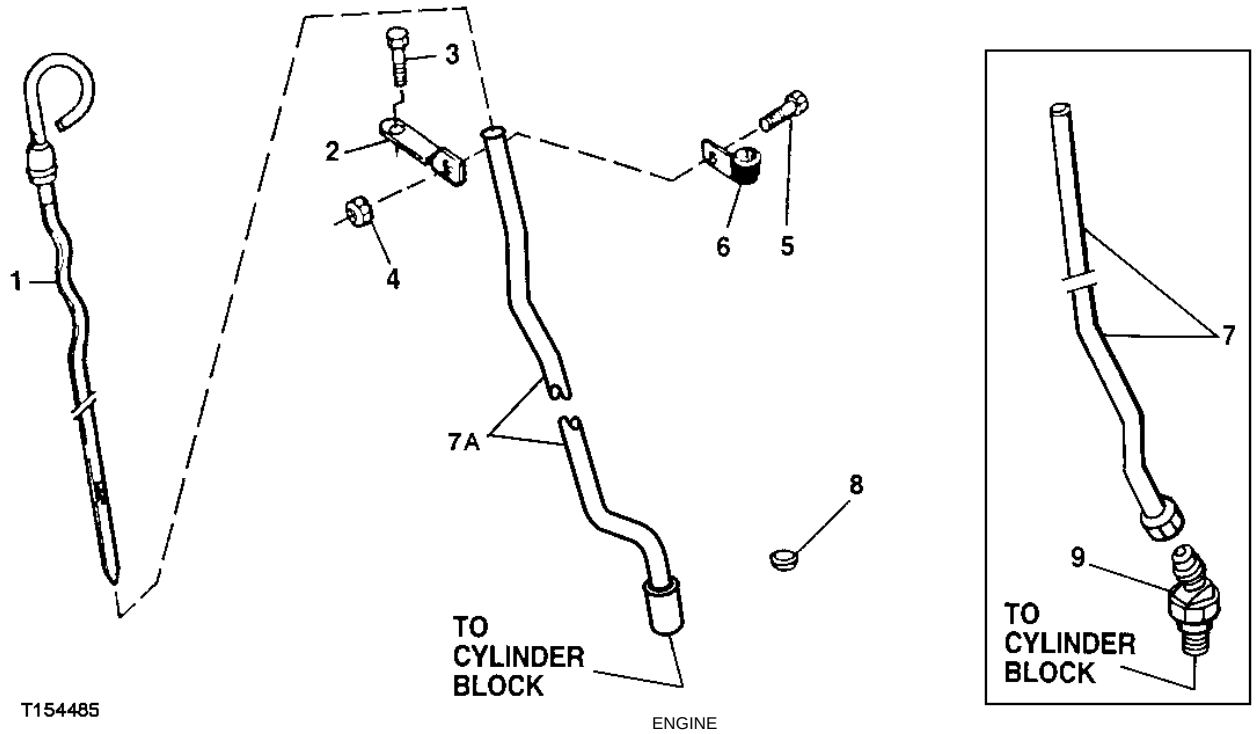


TP62061

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	RE67238	SCREW	4		
2	R116296	COVER	2		
3	R136495	GASKET	2		

ENGINE OIL DIPSTICK
PE4045TP052
(ENGINE SERIAL NO.026650-)

T154485 -UN-01MAY02



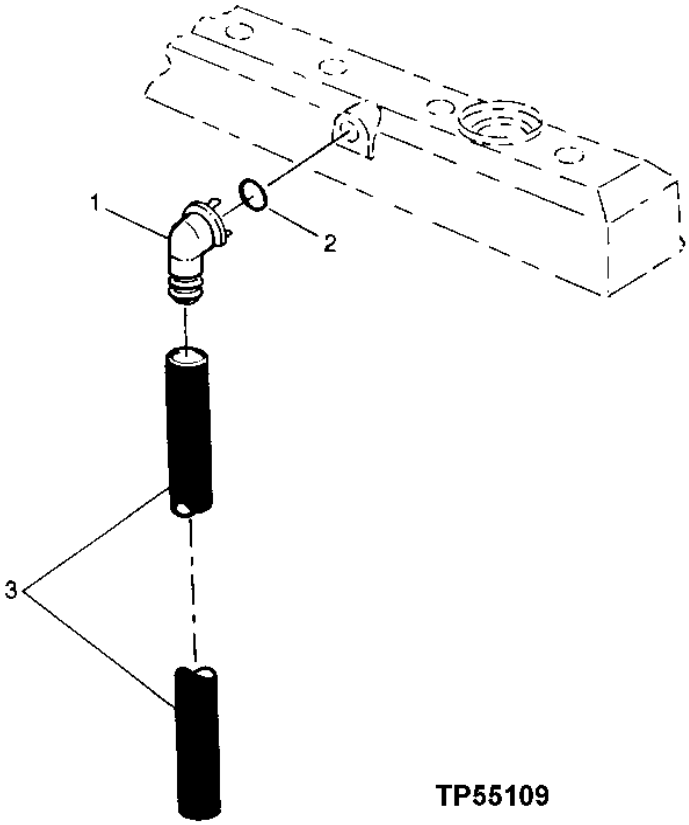
T154485

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	RE66178	DIPSTICK	1		
2	R134552	BRACKET	1		
3	19M7784	SCREW	1		M10 X 20
4	14M7298	FLANGE NUT	1		M8
5	19M7866	SCREW	1		M8 X 20
6	T28862	CLAMP	1		
7	RE503848	DIPSTICK TUBE	AR		(SUB FOR RE70116)
7A	R502465	DIPSTICK TUBE	AR		(SUB FOR R130886 AND R500453)
8	R502725	PLUG	1		(SUB FOR R134240) L.H.DIPSTICK HOLE
9	R135749	ELBOW FITTING	1		(SUB FOR RE70120) (USE WITH RE70116 OR RE503848)

MEMORANDA

ENGINE VENTILATING SYSTEM, PE4045TP052 (ENG. SERIAL NO. 026650-)

TP55109 -UN-16MAY97



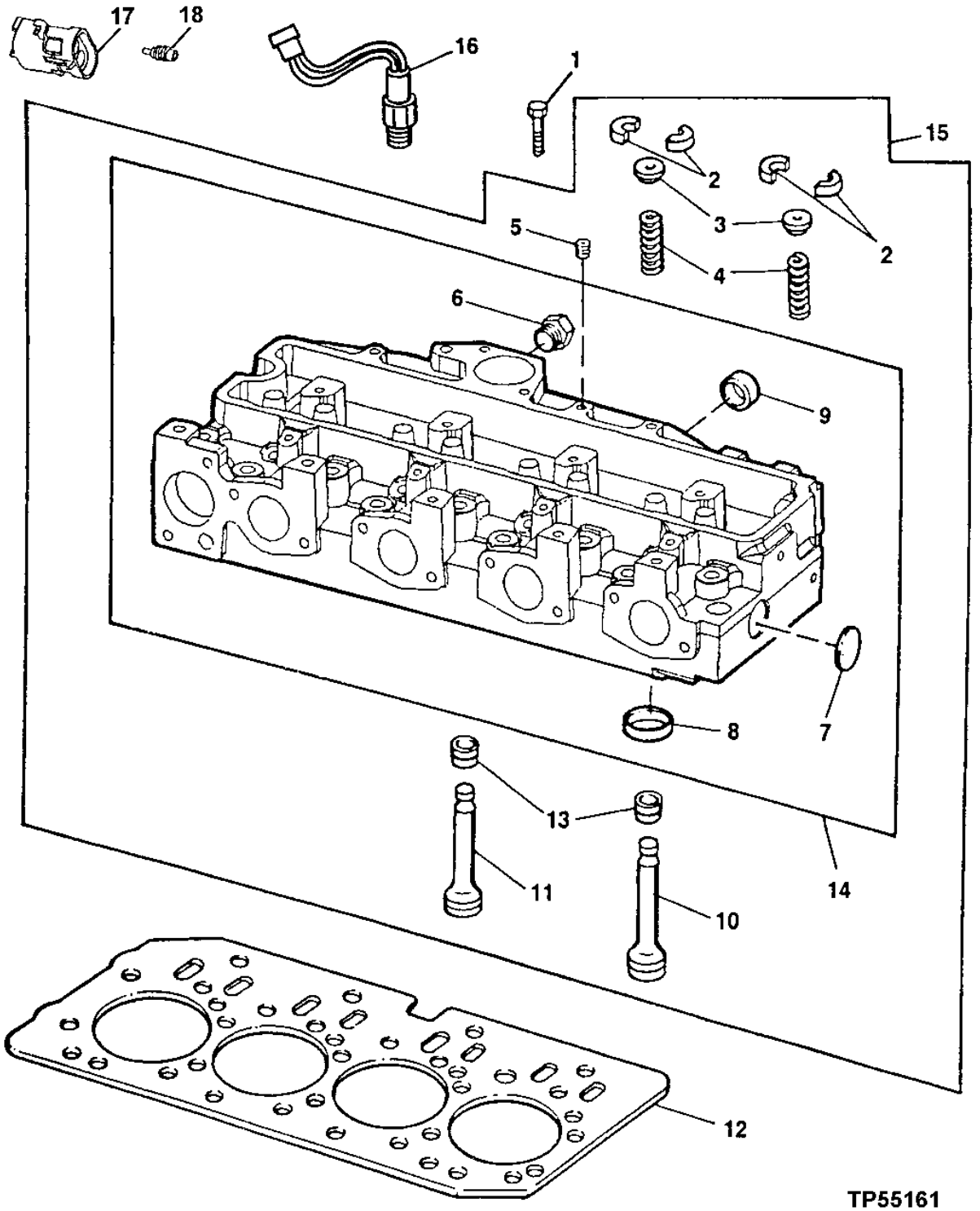
TP55109

ENGINE VENTILATING SYSTEM, PE4045TP052 (ENG. SERIAL NO. 026650-)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R120467	ELBOW FITTING	1		
2	R72328	O-RING	1		
3	TY22450	BULK HOSE	1		

CYLINDER HEAD, HEAD GASKET AND VALVES, PE4045TP052 (ENG. SERIAL NO. 026650-)

TP55161 -UN-19AUG97

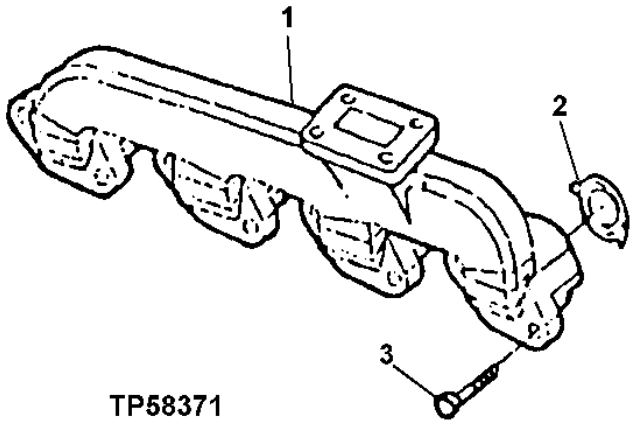


CYLINDER HEAD, HEAD GASKET AND VALVES, PE4045TP052 (ENG. SERIAL NO. 026650-)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R85363	CAP SCREW	18		
2	R91889	RETAINER	16		
3	RE60005	ROTATOR	8		
4	R26125	SPRING	8		
5	R104592	PIPE PLUG	1		
6	R26906	O-RING	1		
	T58477	FITTING	1		
7	CD16284	PLUG	1		
8	R98063	VALVE SEAT INSERT	4		STANDARD SIZE INTAKE VALVE
	R98335	VALVE SEAT INSERT	4		OVERSIZE INTAKE VALVE
	R85687	VALVE SEAT INSERT	4		STANDARD SIZE EXHAUST VALVE
	R93910	VALVE SEAT INSERT	4		OVERSIZE EXHAUST VALVE
9	R43409	PLUG	2		
10	R90692	EXHAUST VALVE	4		STANDARD
11	R98062	INTAKE VALVE	4		STANDARD
12	R116515	ENGINE CYLINDER HEAD GASKET	1		
13	RE31617	SEAL	8		
14	.....	CYLINDER HEAD	1		(MARKED R121402)
15	RE57234	CYLINDER HEAD	1		(MARKED R121402)
16	AT174989	SWITCH	1		ENGINE COOLANT TEMPERATURE
17	R78053	ELECTRICAL CONNECTOR ASSY	1		
18	R78064	ELEC. CONNECTOR CAVITY PLUG	1		

EXHAUST MANIFOLD, PE4045TP052 (ENG. SERIAL NO. 026650-)

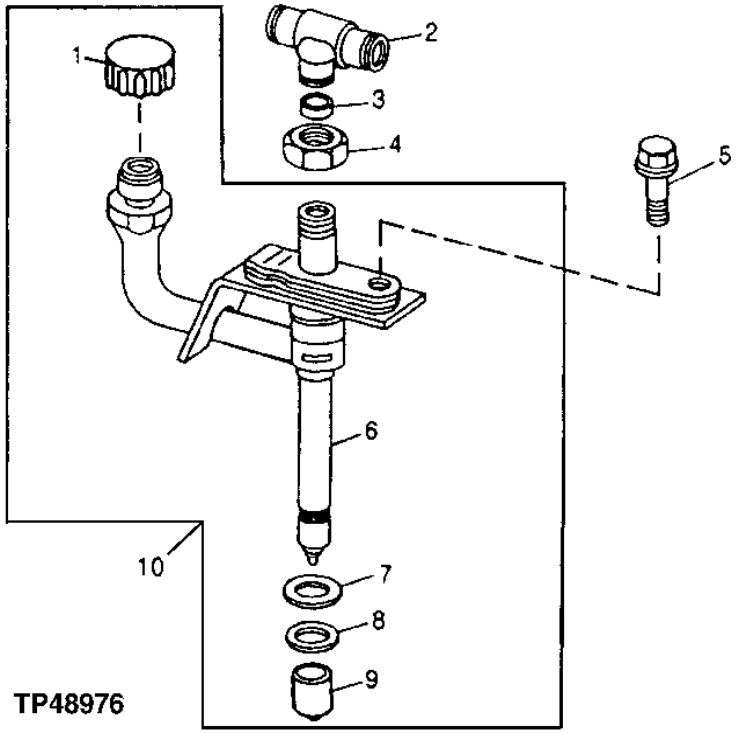
TP58371 -UN-28OCT98



KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R132509	EXHAUST MANIFOLD	1		
2	R90658	GASKET	4		
3	19M7810	SCREW	8		M10 X 80

FUEL INJECTION NOZZLE, PE4045TP052 (ENG. SERIAL NO. 026650-)

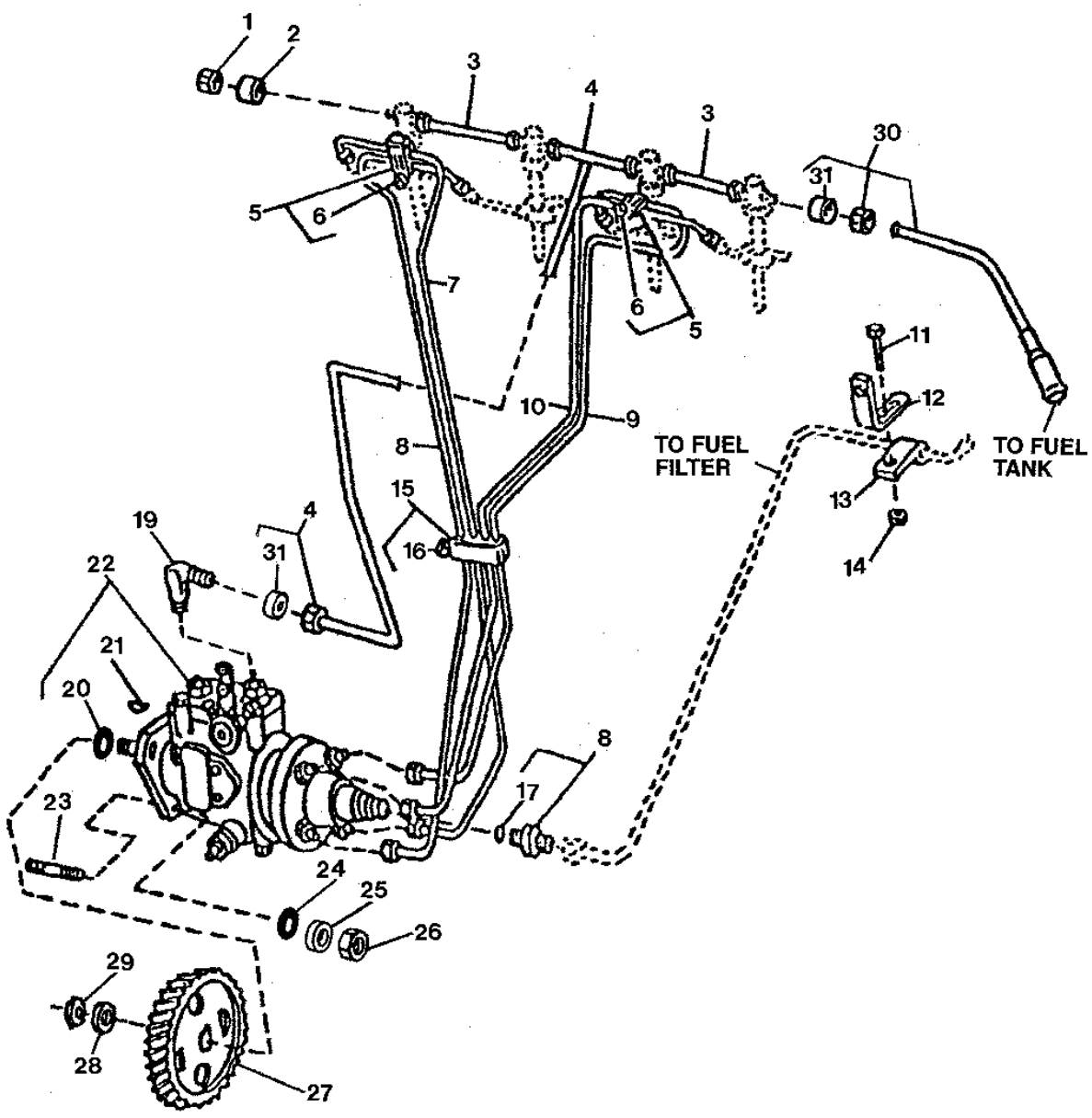
TP48976 -UN-26OCT96



KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	.....	CAP (HAT)	1		
2	R71963	TEE FITTING	1		
3	R79605	WASHER	1		
4	R79604	TUBE NUT	1		
5	R116366	SCREW	1		
6	.....	NOZZLE	1		
7	R92352	PACKING	1		
8	R48000	SEAL	1		(USE WITH OVERSIZE NOZZLE BORE) (NOT INCLUDED WITH RE48786)
	R500390	WASHER	1		(USE WITH STANDARD NOZZLE BORE)
9	T24472	CAP	1		
10	RE48786	INJECTION NOZZLE	1		
	SE500826	NOZZLE	1		(CONTAINS (4) REMANUFACTURED NOZZLES)

FUEL INJECTION SYSTEM (STANADYNE), PE4045TP052 (ENG. SERIAL NO. 026650-)

TP62353 -UN-23FEB00



TP62353

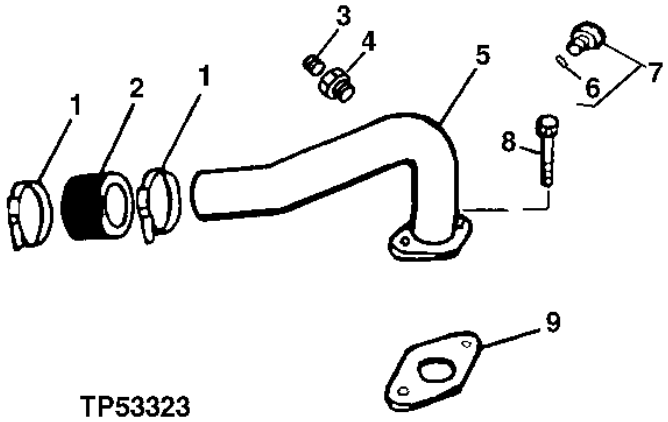
FUEL INJECTION SYSTEM (STANADYNE), PE4045TP052 (ENG. SERIAL NO. 026650-)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	AR85519	PLUG	1		
2	R123593	TUBE NUT	1		
3	RE68748	TUBE	2		
4	RE70848	FUEL LINE	1		LEAK-OFF
5	RE19797	CLAMP	2		
6	19M7923	CAP SCREW	2		M6 X 12
7	RE59447	FUEL LINE	1		NO. 1
8	RE59448	FUEL LINE	1		NO. 2
9	RE59449	FUEL LINE	1		NO. 3
10	RE59450	FUEL LINE	1		NO. 4
11	19M7865	SCREW	1		M8 X 16, NO. 2
12	R116116	BRACKET	1		
13	T14050	CLAMP	1		
14	14M7298	FLANGE NUT	1		M8
15	RE19799	CLAMP	1		
16	19M7923	CAP SCREW	1		M6 X 12
17	51M7040	O-RING	1		9.300 X 2.200 MM (0.366" X 0.087") (METRIC)
	R26286	O-RING	1		(SAE)
18	RE60029	ADAPTER	1		(M12X1.5)
	RE59487	FITTING	1		(SAE)
19	R67364	ELBOW FITTING	1		
20	R502076	BACK-UP RING	1		
21	26H10	SHAFT KEY	1		3.962 X 15.875 MM (5/32" X 5/8")
22	RE60200	FUEL INJECTION PUMP	1		
	SE500750	FUEL INJECTION PUMP	1		(REMANUFACTURED)
23	R116386	STUD	3		
24	T27860	WASHER	3		
25	12M7056	LOCK WASHER	3		8 MM, (SUB FOR 12M7065)
26	14M7273	NUT	3		M8
27	R132267	GEAR	1		(60 TEETH)
28	R132874	WASHER	1		
29	R91360	NUT	1		M14
30	RE16142	FUEL LINE	1		
31	R51936	SEALING WASHER	2		

MEMORANDA

AIR INTAKE SYSTEM, PE4045TP052 (ENG. SERIAL NO. 026650-)

TP53323 -UN-11SEP96

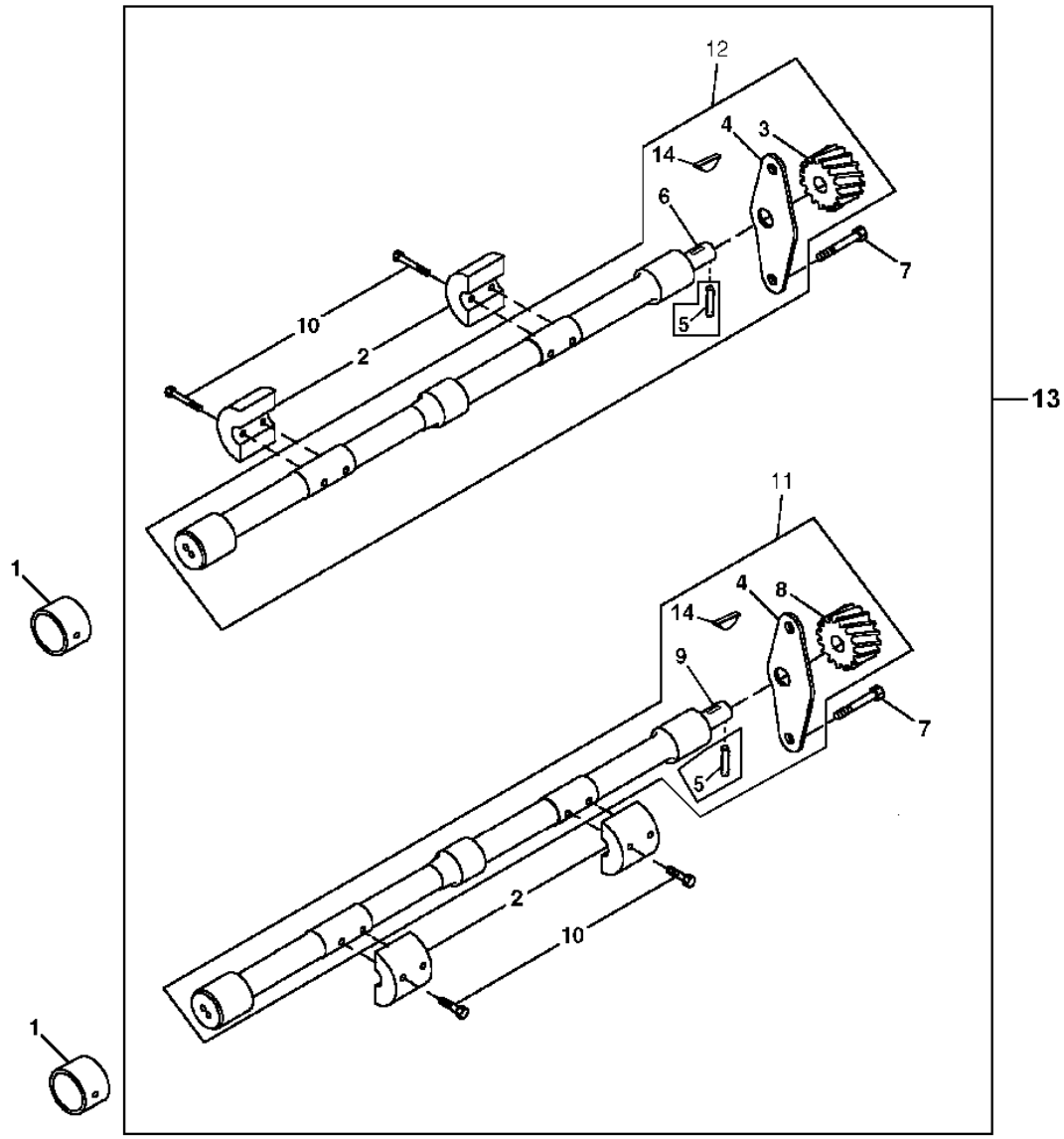


TP53323

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	TY22470	CLAMP	2		(SUB FOR AR65294)
2	R56551	HOSE	1		
3	15H623	PIPE PLUG	1		3/8"
4	T27986	FITTING	1		
5	RE59824	TUBE	1		
6	51M7039	O-RING	1		8.100 X 1.600 MM
7	RE60071	FITTING	1		(SUB FOR RE502903)
8	19M7785	SCREW	2		M10 X 25
9	R81275	GASKET	1		

ENGINE BALANCER SHAFT
PE4045TP052
(ENG. SERIAL NO.026650-)

T149536 -UN-03JAN02



T149536

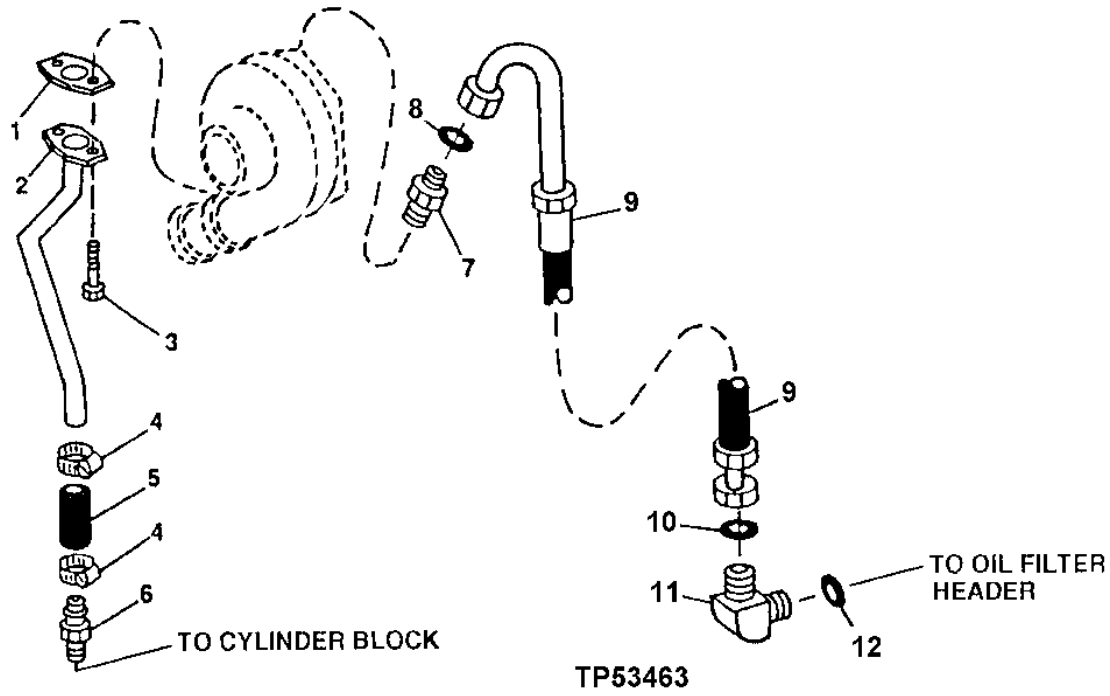
ENGINE BALANCER SHAFT
PE4045TP052
(ENG. SERIAL NO.026650-)

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	R115299	BUSHING	6		
2	R500650	WEIGHT	4		(HEAVY DUTY)
3	.....	GEAR	1		L.H.(15 TEETH)
4	.....	PLATE	2		
5	34M7089	DOWEL PIN	AR		4 X 12 MM
6	.....	BALANCER SHAFT	1		L.H.
7	19M8998	SCREW	4		
8	.....	GEAR	1		R.H.(15TEETH)
9	.....	BALANCER SHAFT	1		R.H.
10	19M8882	SCREW	8		M8 X 40
11	RE500448	BALANCER SHAFT	1		R.H.
12	RE500449	BALANCER SHAFT	1		L.H.
13	RE504742	BALANCER SHAFT	1		
14	R133303	SHAFT KEY	AR		

MEMORANDA

TURBOCHARGER OIL LINES
PE4045TP052
(ENG. SERIAL NO.026650-)

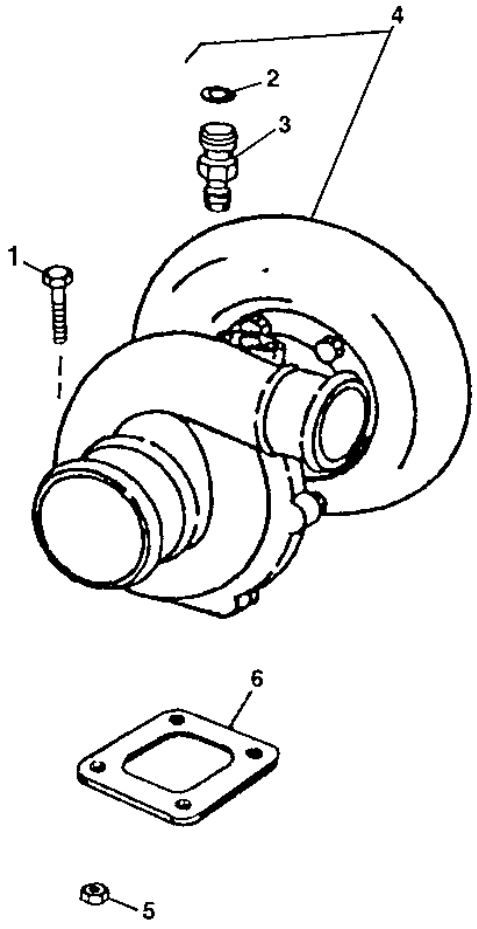
TP53463 -UN-21APR97



KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R123570	GASKET	1		
2	RE59993	OIL LINE	1		
3	19M7866	SCREW	2		M8 X 20
4	RE65978	CLAMP	2		
5	.....	HOSE	1		(MAKE FROM R120013 CUT TO LENGHT)
6	RE54885	HOSE FITTING	1		
7	M87733	ADAPTER	1		
8	R63548	O-RING	1		
9	RE503215	OIL LINE	1		
10	T77613	O-RING	1		
11	38H5154	ELBOW FITTING	1		
12	51M7042	O-RING	1		

TURBOCHARGER
PE4045TP052
(ENG. SERIAL NO.026650-)

TP49341 -UN-27SEP96



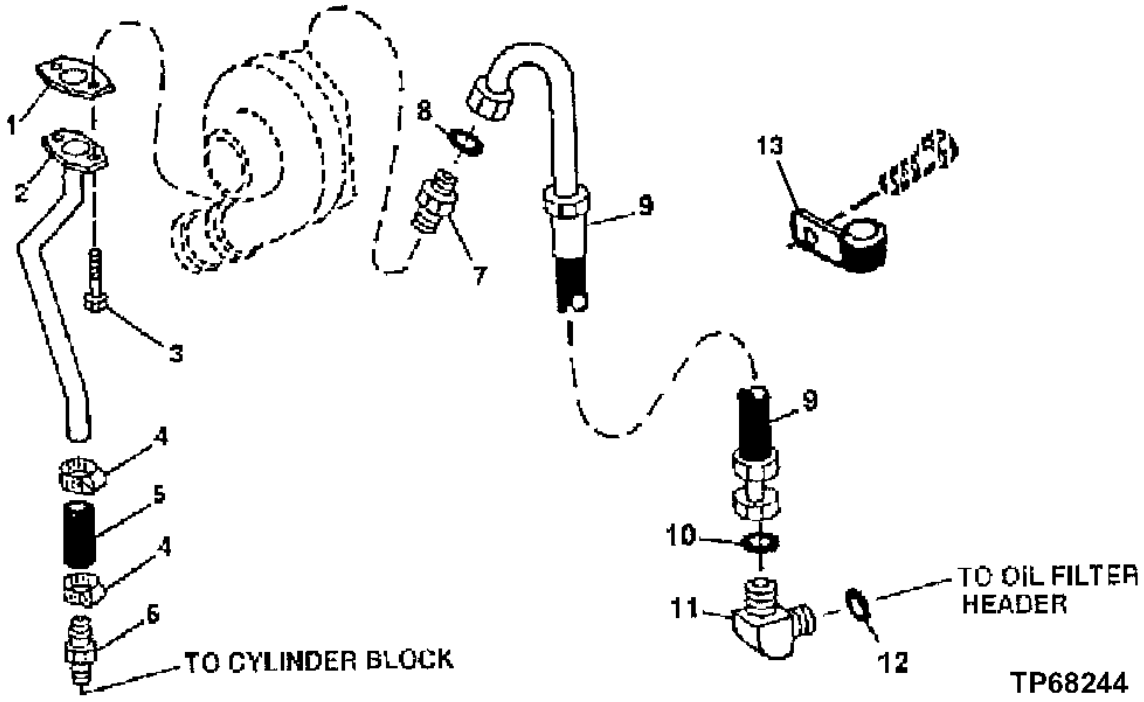
TP49341

TURBOCHARGER
PE4045TP052
(ENG. SERIAL NO.026650-)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	19M7785	SCREW	4		M10 X 25
2	R63548	O-RING	1		
3	M87733	ADAPTER	1		
4	RE60069	TURBOCHARGER	1		REMANUFACTURED
	RE26409	KIT	1		TURBOCHARGER HARDWARE
5	14M7296	FLANGE NUT	4		M10, (AS REQ.)
6	R92097	GASKET	1		

TURBOCHARGER OIL LINES
PE4045TP052
(ENGINE SERIAL NO.026650-)

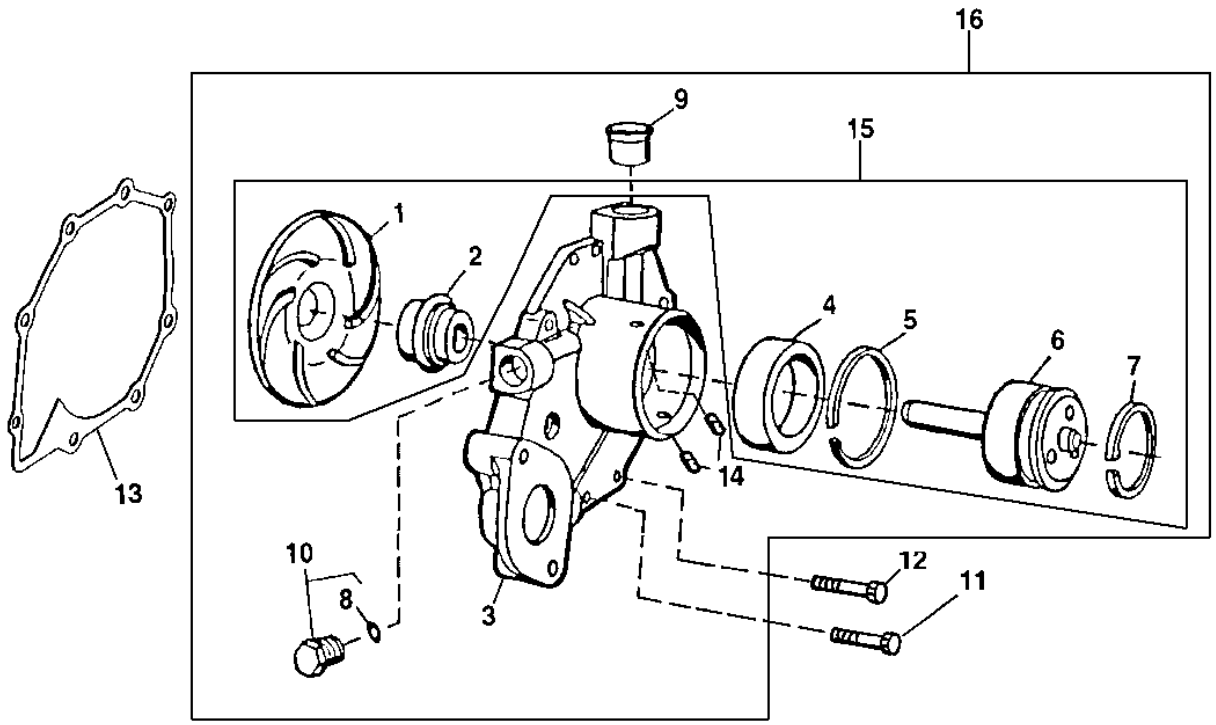
TP68244 -UN-17MAR00



KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R123570	GASKET	1		
2	RE59993	OIL LINE	1		
3	19M7866	SCREW	2		M8 X 20
4	RE65978	CLAMP	2		
5	.....	HOSE	1		(MAKE FROM R120013 CUT TO LENGHT)
6	RE54885	HOSE FITTING	1		
7	M87733	ADAPTER	1		
8	R63548	O-RING	1		
9	RE503211	OIL LINE	1		
10	T77613	O-RING	1		
11	38H5154	ELBOW FITTING	1		
12	51M7042	O-RING	1		
13	R72853	CLAMP	1		

WATER PUMP ASSEMBLY
PE4045TP052
(ENG. SERIAL NO.026650-900932)

T158422 -UN-13AUG02

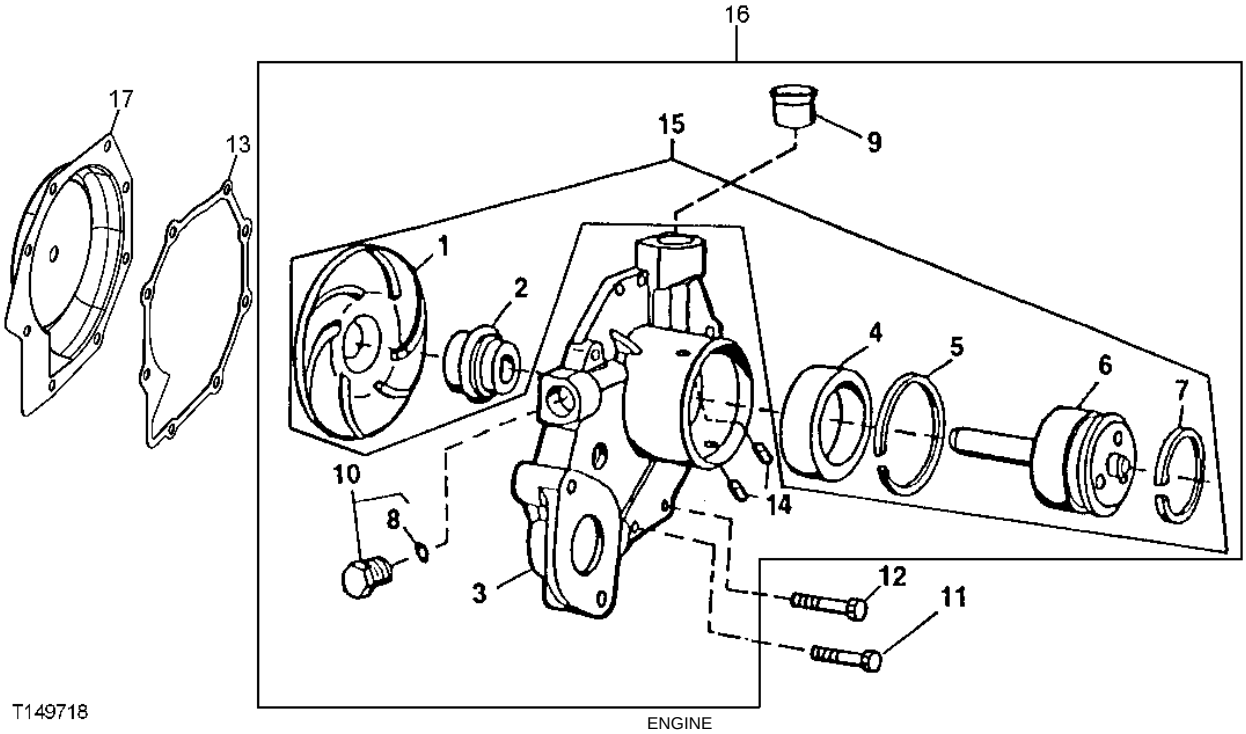


T158422

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	.....	IMPELLER	1		(MARKED R123395)
2	.....	SEAL	1		
3	.....	HOUSING	1		
4	.....	BALL BEARING	1		
5	.....	RING	1		
6	.....	SHAFT	1		
7	A364R	SNAP RING	1		
8	51M7044	O-RING	1		17.300 X 2.200 MM
9	R123226	SEAL	1		
10	RE46685	PLUG	1		
11	19M7796	SCREW	3		M6 X 30
12	19M7863	SCREW	5		M6 X 25
13	R123417	GASKET	1		
14	R100369	FILTER	2		(USE WITH RE500734)
15	RE70962	KIT	1		
16	RE500734	WATER PUMP	1		(MARKED R121035) (SUB RE505980 AND RE508566)

WATER PUMP ASSEMBLY
PE4045TP052
(ENGINE SERIAL NO.900933-)

T149718 -UN-07JAN02

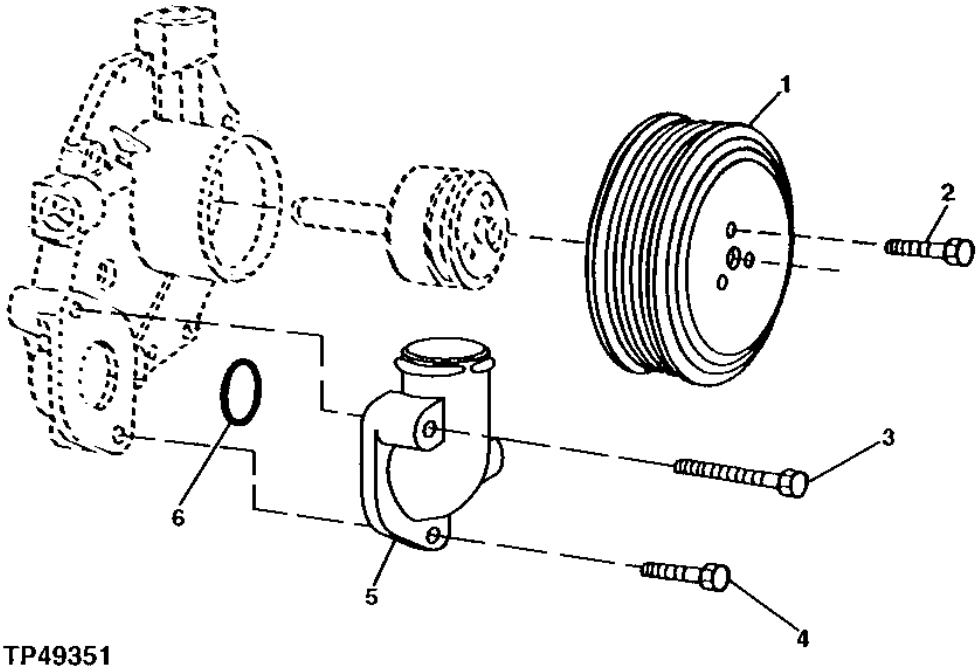


T149718

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	.....	IMPELLER	1		(MARKED R123395)
2	.....	SEAL	1		
3	.....	HOUSING	1		
4	.....	BALL BEARING	1		
5	.....	RING	1		
6	.....	SHAFT	1		
7	A364R	SNAP RING	1		
8	51M7043	O-RING	1		15.300 X 2.200 MM
9	R123226	SEAL	1		
10	RE46685	PLUG	1		
11	19M7863	SCREW	5		M6 X 25
12	19M7796	SCREW	3		M6 X 30
13	R123417	GASKET	1		
14	R100369	FILTER	2		
15	RE70962	KIT	1		
16	RE505980	WATER PUMP	1		(MARKED R503509)
17	RE508566	KIT	1		(WATER PUMP INSERT REPAIR)

WATER PUMP PULLEY AND INLET
PE4045TP052
(ENG. SERIAL NO.026650-)

TP49351 -UN-14DEC95

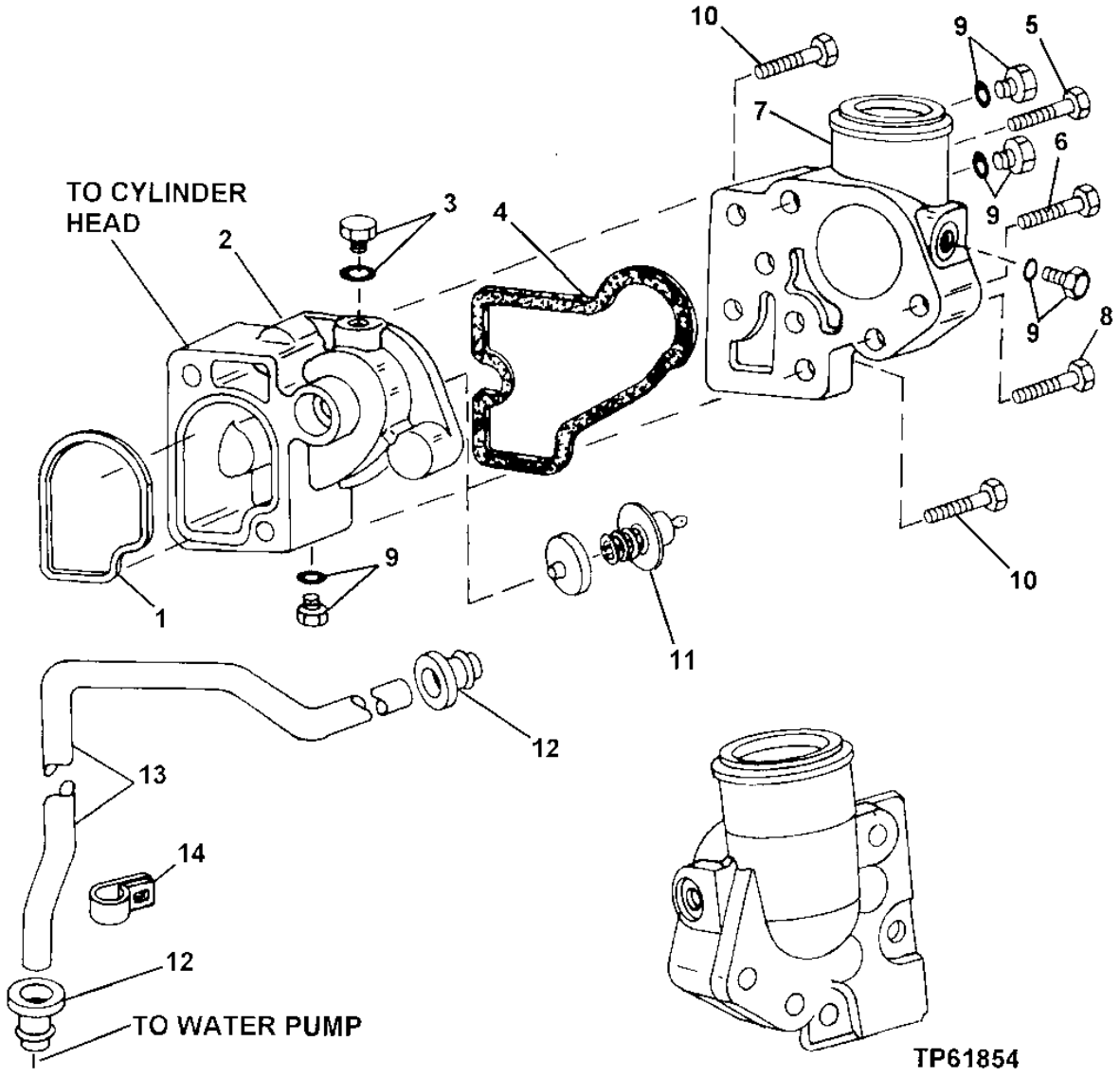


TP49351

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R115250	PULLEY	1		
2	19M7774	SCREW	3		M6 X 12
3	19M7802	SCREW	1		M8 X 65
4	19M7867	SCREW	1		M8 X 25
5	R121635	ELBOW FITTING	1		
6	R89944	O-RING	1		50.394 X 3.531 MM

THERMOSTAT HOUSING AND COVER(SINGLE THERMO)
PE4045TP052
(SERIAL NO. 026650-)

TP61854 -UN-23MAR99

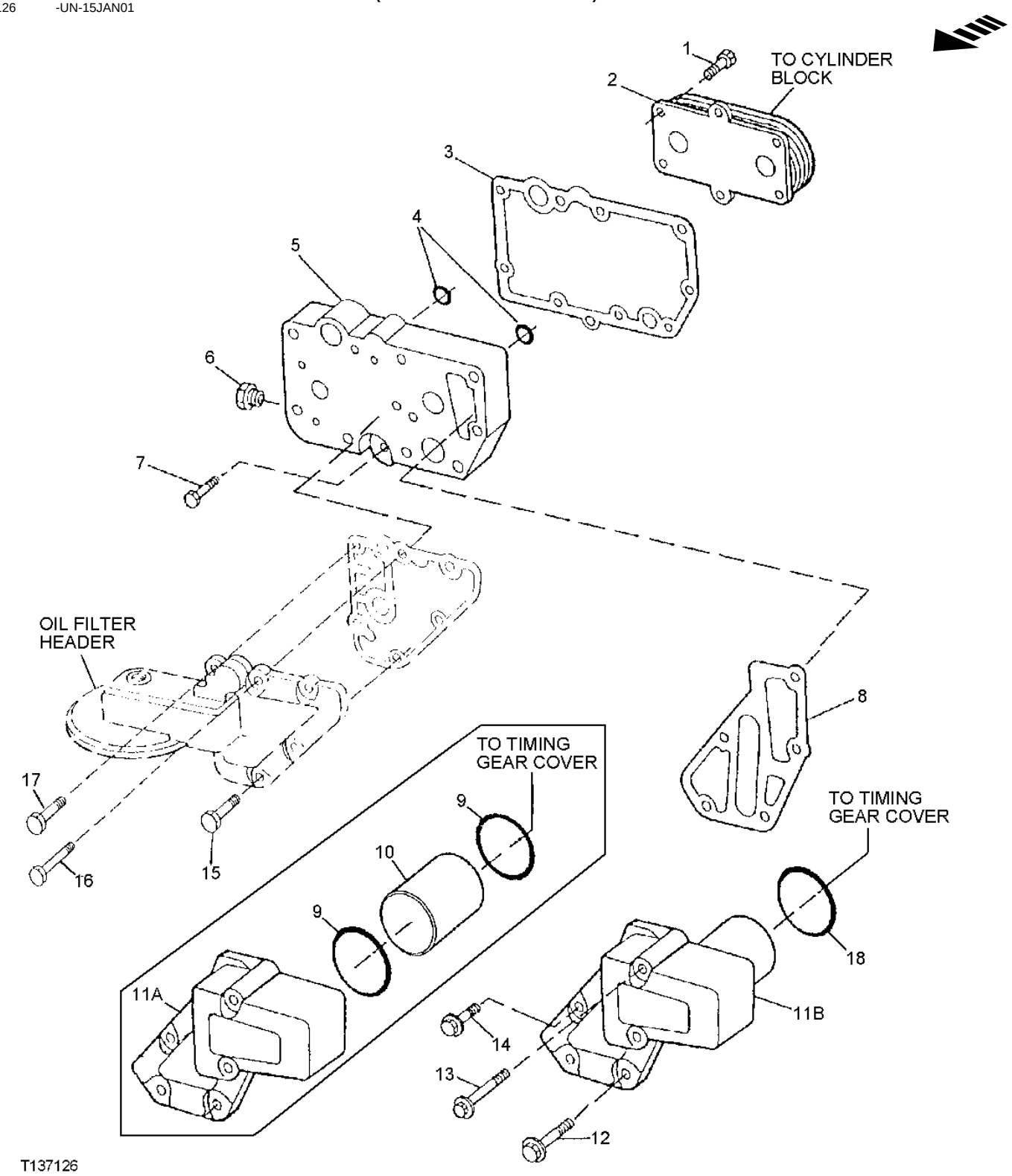


THERMOSTAT HOUSING AND COVER
PE4045TP052
(SERIAL NO. 026650-)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R501228	SEAL	1		
2	R500471	HOUSING	1		
3	RE46686	PLUG	1		
4	R501227	SEAL	1		
5	19M7810	SCREW	1		M10 X 80
6	19M7785	SCREW	1		M10 X 25
7	R500472	COVER	1		
8	19M7809	SCREW	1		M10 X 70
9	RE46684	PLUG	4		
10	19M7811	SCREW	2		M10 X 90
11	RE507225	THERMOSTAT	1		(SUB FOR RE501622)
12	R123226	SEAL	1		
13	R500704	TUBE	1		BY-PASS TUBE
14	R123324	CLAMP	1		

ENGINE OIL COOLER
PE4045TP052
(ENG. SERIAL NO.026650-)

T137126 -UN-15JAN01

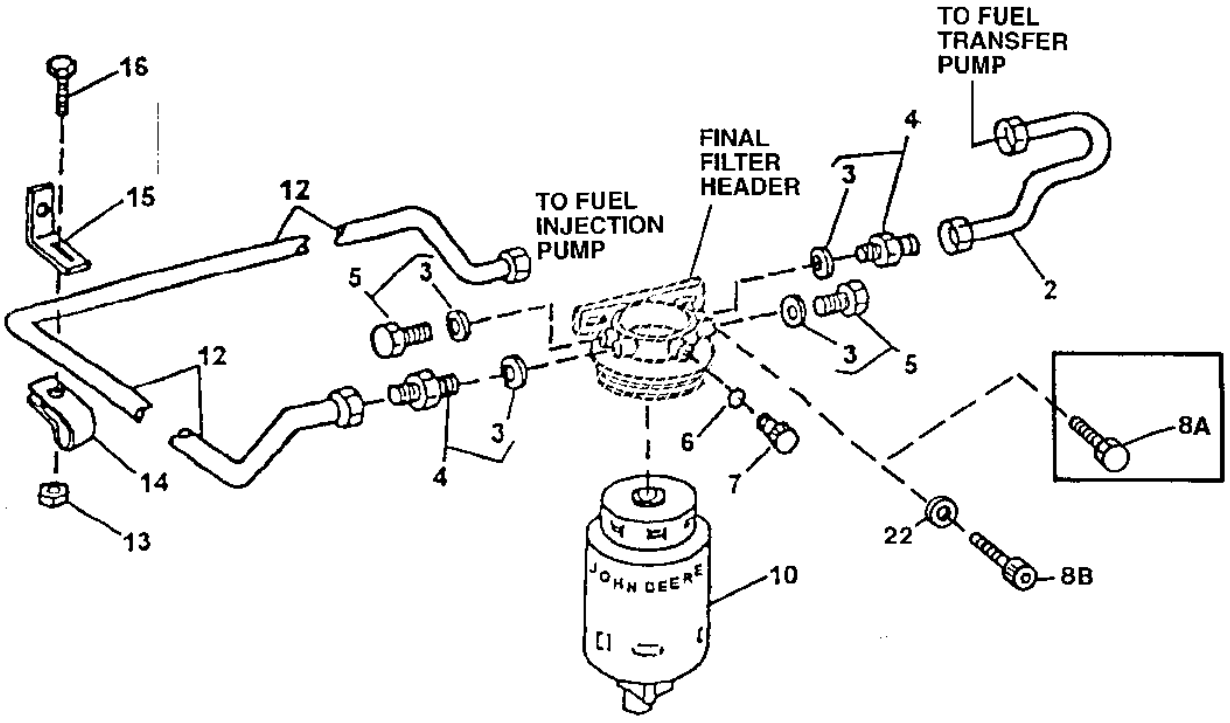


ENGINE OIL COOLER
PE4045TP052
(ENG. SERIAL NO.026650-)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	RE67231	SCREW	6		
2	RE59296	OIL COOLER	1		
	RE522820	OIL COOLER	1		(INCLUDES: RE59296 (1), RE67231 (6), R123471 (1), T122075 (1).
3	R123501	GASKET	1		
4	T122075	O-RING	2		
5	R123471	HOUSING	1		
6	RE46686	PLUG	1		
7	RE46685	PLUG	1		
8	R501428	GASKET	1		
9	R61105	O-RING	2	-873088	
10	R115252	TUBE	1	-873088	
11A	R135177	ADAPTER	1	-873088	
11B	R502811	ADAPTER	1	873089-	
12	19M7802	SCREW	2		M8 X 65
13	19M7970	SCREW	2		M8 X 100
14	RE67238	SCREW	1		(WITH PRE-APPLIED SEALANT)
15	19M7802	SCREW	4		M8 X 65
16	19M7970	SCREW	1		M8 X 100
17	RE67238	SCREW	1		
18	R504734	O-RING	1	873089-	

FUEL FILTER AND FUEL LINES
PE4045TP052
(ENG. SERIAL NO.026650-)

T152518 -UN-19MAR02



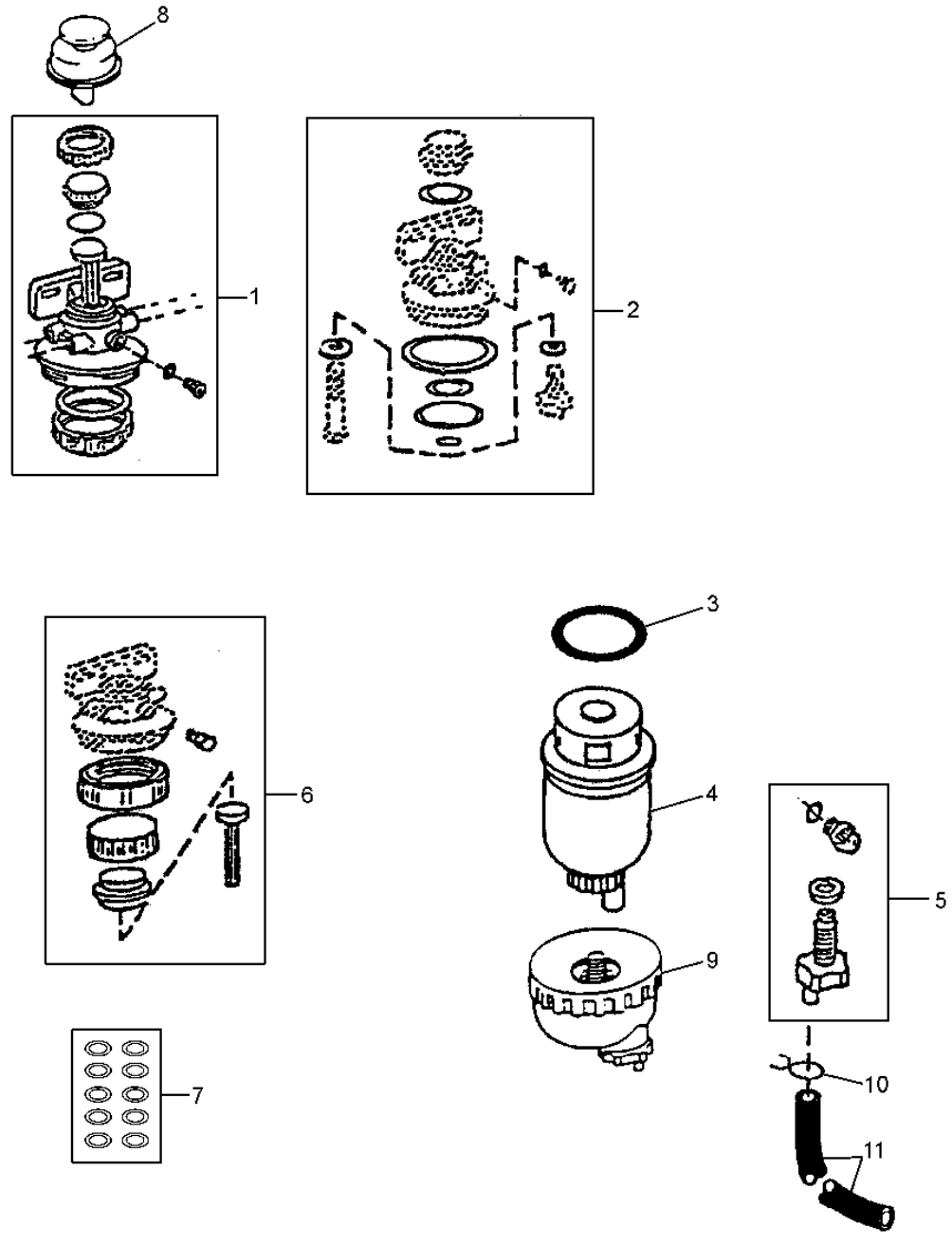
T152518

FUEL FILTER AND FUEL LINES-CONTINUED
PE4045TP052
(ENG. SERIAL NO.026650-)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
2	RE60037	FUEL LINE	1		
	R74012	SEALING WASHER	1		
3	51M7040	O-RING	1		(METRIC)
	R26286	O-RING	1		(SAE)
4	RE60029	ADAPTER	2		(M12X1.5)
	RE59487	FITTING	2		(SAE)
5	RE46686	PLUG	2		
6	R113565	SEAL	1		
7	R113563	DRAIN PLUG	1		
8A	19M7785	SCREW	2	-795805	M10 X 25
8B	19M8328	SCREW	1	795806-	
10	RE62419	FUEL FILTER	1		(INCLUDES DRAIN VALVE)
11	RE60022	FILTER HEAD	1		(SUB RE70358)
12	RE69388	FUEL LINE	1		
13	14M7298	FLANGE NUT	1		M8
14	T14050	CLAMP	1		
15	R116116	BRACKET	1		
16	19M7865	SCREW	1		M8 X 16
22	24M7096	WASHER	2	795806-	10.500 X 18 X 1.600 MM

FINAL AND PRIMARY FUEL FILTER SERVICE KITS AND ELEMENT
T04045TT052
(SERIAL NO. -804732)

T152740 -UN-19MAR02



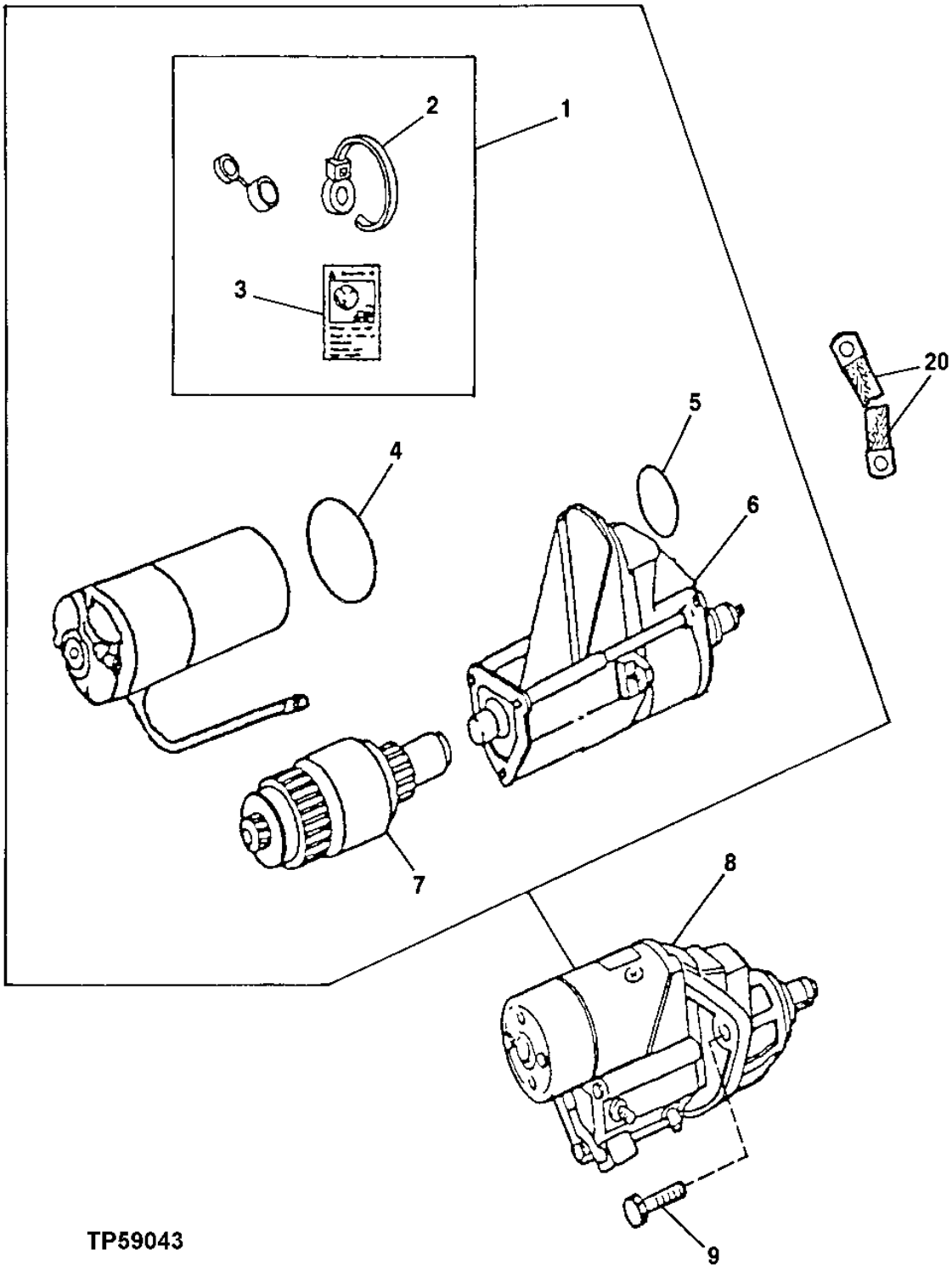
T152740

FINAL AND PRIMARY FUEL FILTER SERVICE KITS AND ELEMENT
PE4045TP051
(SERIAL NO.026620-)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	RE70358	KIT	1		(FOR FINAL FUEL FILTER)
	RE70357	FILTER HEAD	1		(FOR PRIMARY FUEL FILTER)
2	RE516553	KIT	1		(FOR PRIMARY AND FINAL FUEL FILTER)
3	R113565	SEAL	1		(FOR FINAL FUEL FILTER)
4	RE62419	FUEL FILTER	1		(FOR FINAL FUEL FILTER)
	RE62424	FUEL FILTER	1		(FOR PRIMARY FUEL FILTER)
5	RE60854	KIT	1		(FOR PRIMARY AND FINAL FUEL FILTERS)
6	RE51649	SEAL KIT	1		(FOR PRIMARY AND FINAL FUEL FILTERS)
7	RE516513	KIT	1		(WITH HAND PRIMER) (CONTAINS 10 O-RINGS)
	RE516512	KIT	1		(WITHOUT HAND PRIMER) (CONTAINS 10 O-RINGS)
8	RE50467	HAND PRIMER	1		(FOR PRIMARY FUEL FILTER)
	R113562	RING	1		(NOT ILLUSTRATED)
9	RE51650	SEDIMENT BOWL	1		(FOR PRIMARY FUEL FILTER)
10	T13254	CLAMP	1		(FOR PRIMARY AND FINAL FUEL FILTERS)
11	R126086	HOSE	1		(FOR PRIMARY AND FINAL FUEL FILTERS)

STARTER MOTOR
PE4045TP052
(ENG. SERIAL NO.026650-)

TP59043 -UN-02APR98

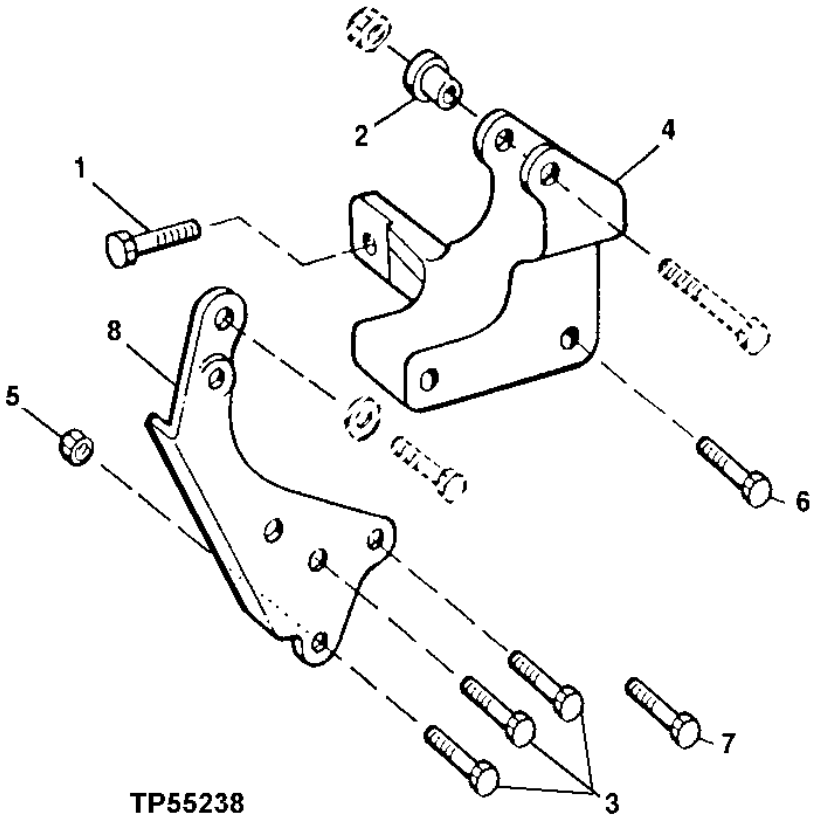


STARTING MOTOR
PE4045TP052
(ENG. SERIAL NO.026650-)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	RE70756	KIT	1		BYPASS START
2	R96703	TIE BAND	1		
3	T146102	LABEL	1		BYPASS START
4	R135509	SEAL	1		
5	R135510	O-RING	1		
6	RE70681	SWITCH	1		
7	RE70487	CLUTCH	1		
8	RE500345	STARTER MOTOR	1		24-VOLT (NIPPONDENSO)
9	19M7786	SCREW	3		M10 X 30
20	AT38449	GROUND CABLE	1		609.600 MM (24")

ALTERNATOR MOUNTING BRACKETS
PE4045TP052
(ENG. SERIAL NO.026650-)

TP55238 -UN-13NOV97

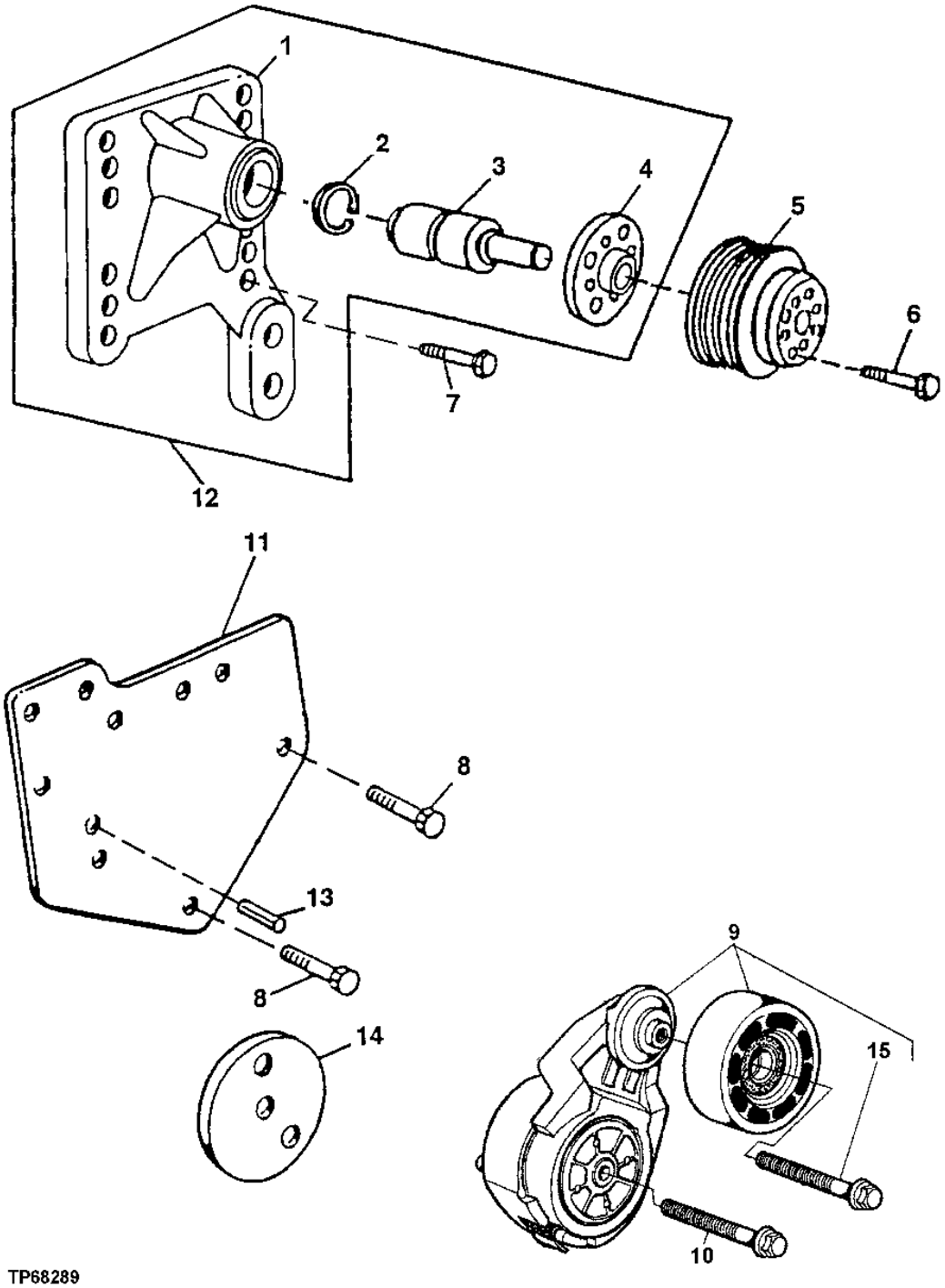


ALTERNATOR MOUNTING BRACKETS
PE4045TP052
(ENG. SERIAL NO.026650-)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	19M7786	SCREW	2		M10 X 30
2	R100377	BUSHING	1		
3	19M7786	SCREW	3		
4	R132166	BRACKET	1		
5	14M7296	FLANGE NUT	3		
6	19M7785	SCREW	2		M10 X 25
7	19M7801	SCREW	1		M8 X 60
8	R132167	STRAP	1		

FAN DRIVE SUPPORT,PULLEY AND FAN BELT TENSIONERS
PE4045TP052
(ENG. SERIAL NO.026650-)

TP68289 -UN-29SEP00



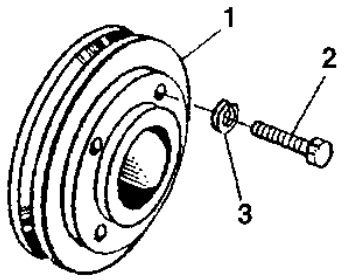
TP68289

FAN DRIVE SUPPORT,PULLEY AND FAN BELT TENSIONERS
PE4045TP052
(ENG. SERIAL NO.026650-)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	.....	BEARING HOUSING W/ BEARING	1		(MARKED R134775)
2	E1343FN	SNAP RING	1		
3	.....	SHAFT	1		(RE69292 NO LONGER AVAILABLE)
4	RE500538	BEARING HOUSING W/ BEARING	1		
5	R128660	PULLEY	1		
6	19M7784	SCREW	4		M10 X 20, (SUB FOR R123284)
7	19M7835	SCREW	4		M10 X 35
8	19M7801	SCREW	1		M8 X 60
9	RE70536	PULLEY	1		
10	19M8131	SCREW	1		M10 X 70
11	R132168	SUPPORT	1		
12	RE503664	SUPPORT	1		(MARKED R502014)
13	34M7061	SPRING PIN	1		8 X 20 MM
14	R500321	SPACER	1		
15	R503813	BOLT	1		LEFT HAND THREAD

CRANKSHAFT AUXILIARY DRIVE PULLEY
PE4045TP052
(ENG. SERIAL NO.026650-)

TP53330 -UN-05SEP96



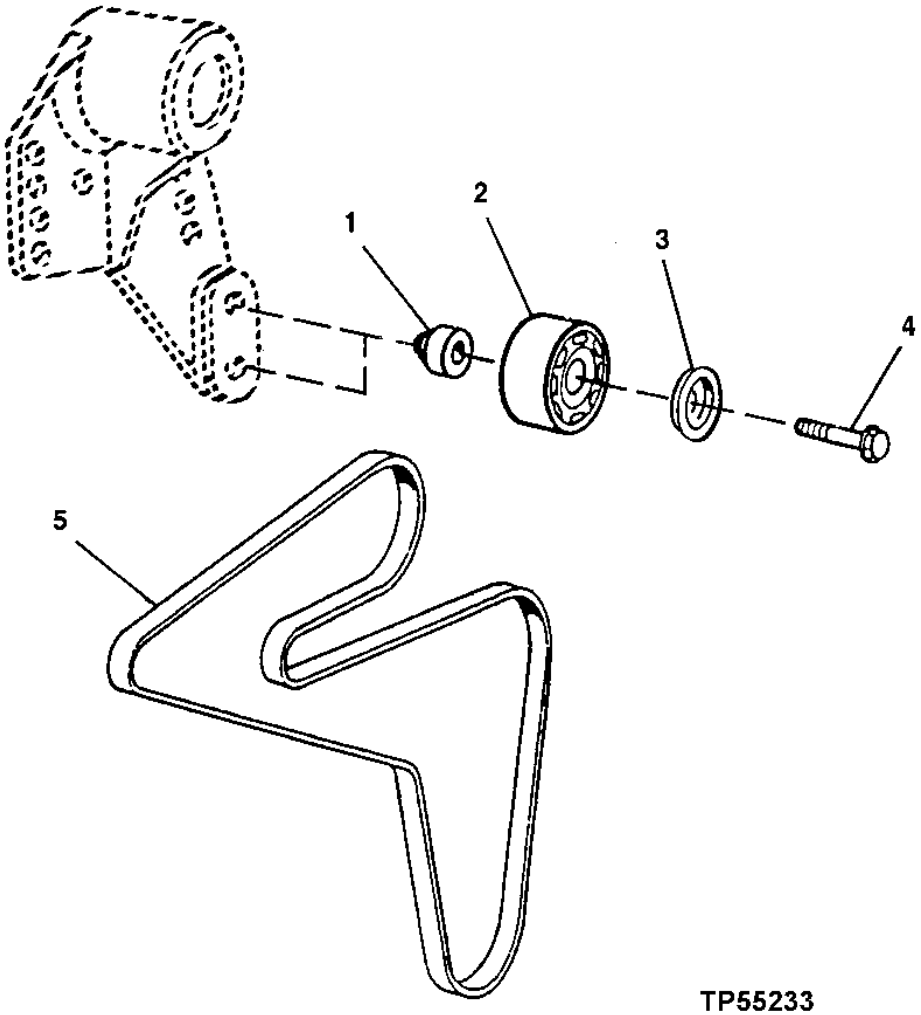
TP53330

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R504762	PULLEY	1		(SUB FOR R123413, THIS APPLICATION)
2	19H2633	CAP SCREW	1		9.525 X 38.100 MM (3/8" X 1-1/2")
3	12H304	LOCK WASHER	2		9.525 MM (3/8")

MEMORANDA

FAN BELT AND PULLEY
PE4045TP052
(ENG. SERIAL NO.026650-)

TP55233 -UN-11NOV97

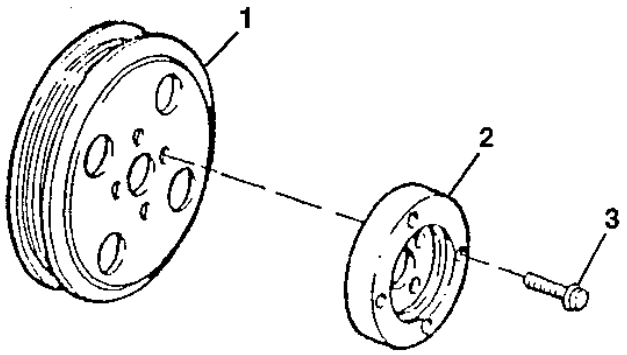


FAN BELT AND PULLEY
PE4045TP052
(ENG. SERIAL NO.026650-)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R500320	SPACER	1		
2	RE505264	IDLER	1		
3	R502079	SLEEVE	1		
4	19M7808	SCREW	1		M10 X 65
5	R122126	V-BELT	1		

CRANKSHAFT PULLEY
PE4045TP052
(ENG. SERIAL NO.026650-)

TP55234 -UN-11NOV97

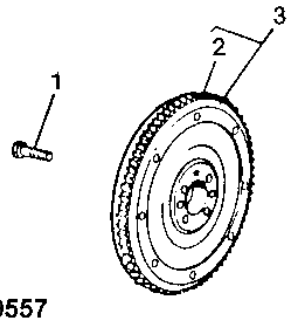


TP55234

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R133295	PULLEY	1		
2	R123486	ADAPTER	1		
3	R121897	CAP SCREW	4		

ENGINE FLYWHEEL
PE4045TP052
(ENG. SERIAL NO.026650-)

TP49557 -UN-05FEB97

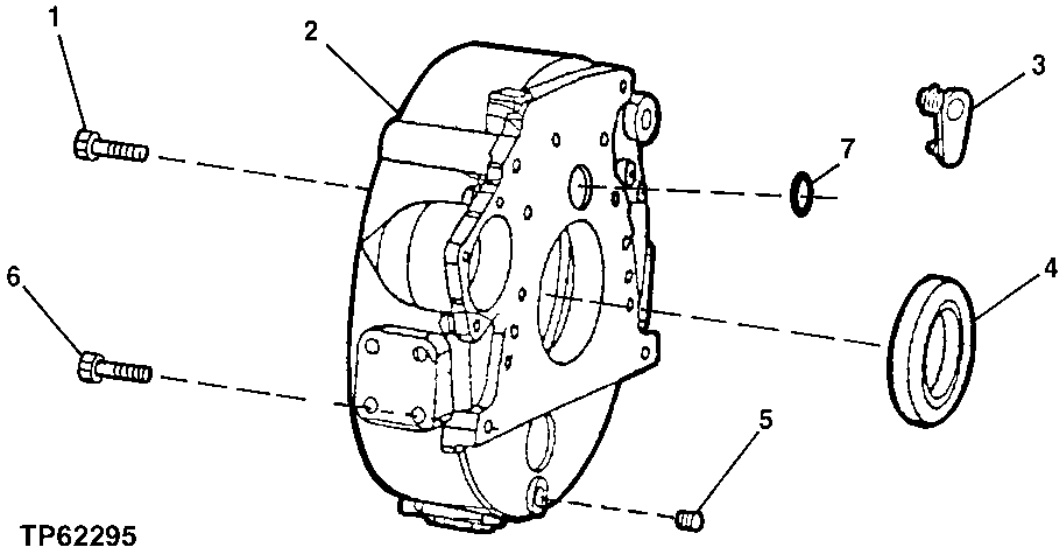


TP49557

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R135918	BOLT	6		
2	R28811	RING GEAR	6		(129 TEETH)
3	RE500527	FLYWHEEL	1		(MARKED R500293)

ENGINE FLYWHEEL HOUSING
PE4045TP052
(ENG. SERIAL NO.026650-)

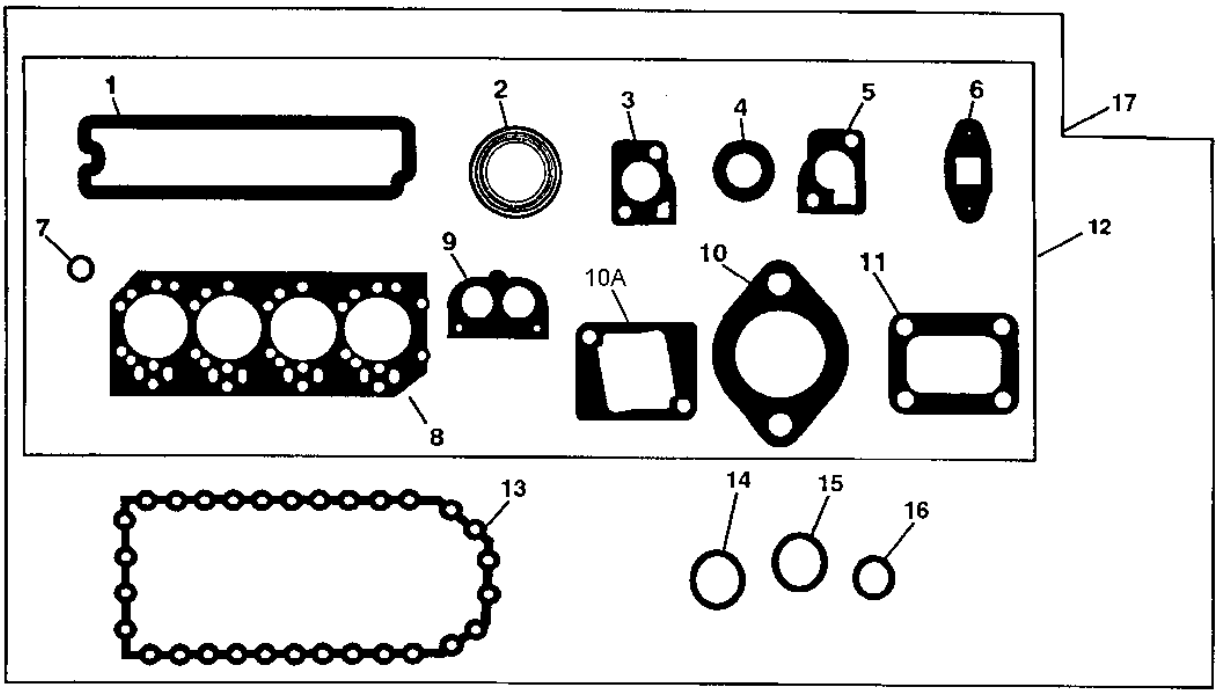
TP62295 -UN-13DEC99



KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R135918	BOLT	8		
2	R123208	HOUSING	1		
3	R131768	PLUG	1		
4	RE44574	SEAL	1		
5	15H624	PIPE PLUG	1		1/2"
6	19M8306	SCREW	4		M12 X 50
7	R61467	O-RING	1		

CYLINDER HEAD REMOVAL AND IN VEHICLE OVERHAUL GASKET SETS
PE4045TP052
(ENG. SERIAL NO.026650-)

T150756 -UN-31JAN02

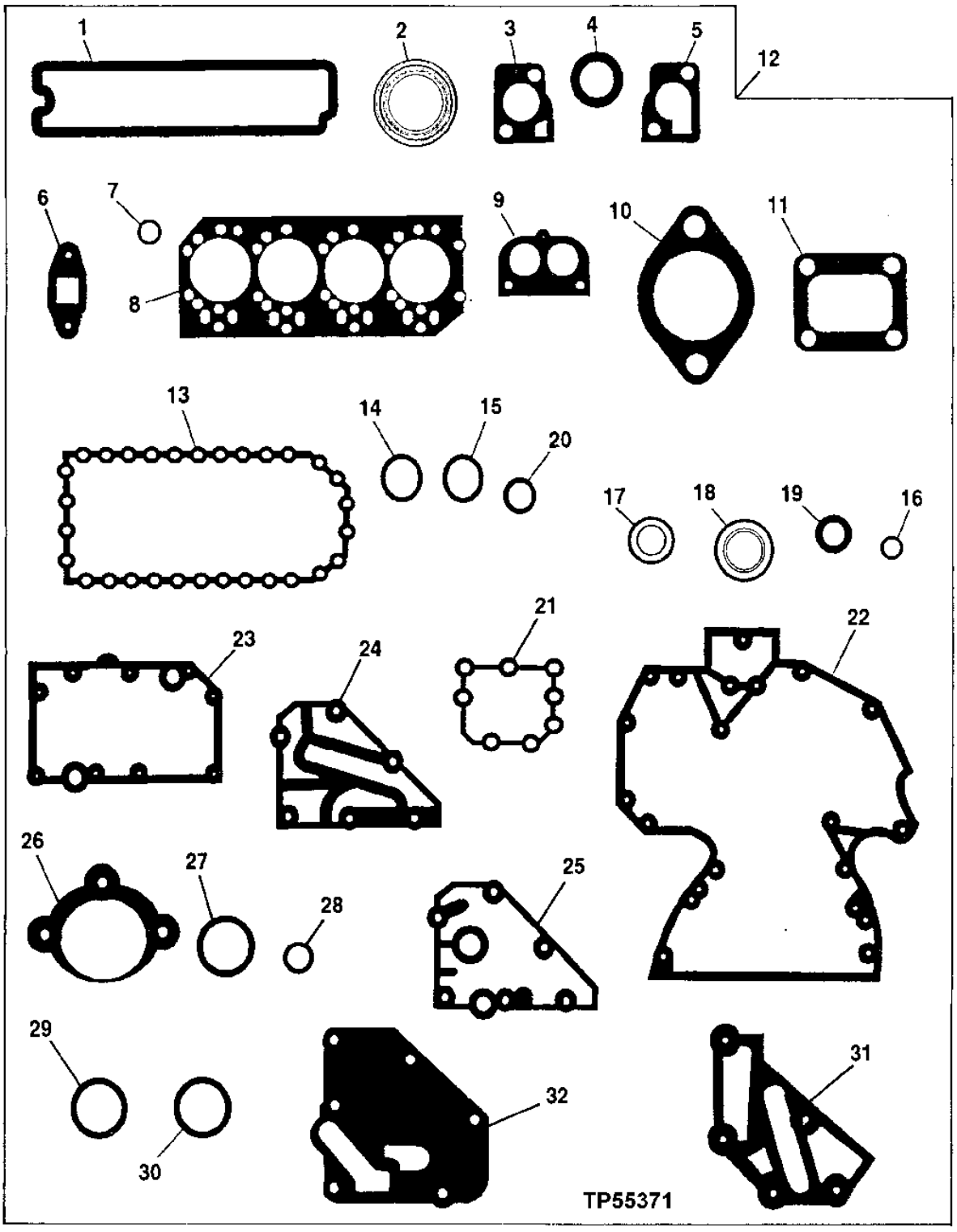


T150756

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R123542	GASKET	1		ROCKER ARM COVER
2	R90658	GASKET	4		EXHAUST MANIFOLD
3	R502814	GASKET	1		(SUB FOR R135896) THERMOSTAT COVER
4	R123226	SEAL	2		WATER BY-PASS TUBE
5	R123345	GASKET	1		THERMOSTAT HOUSING
6	R123570	GASKET	1		TURBOCHARGER OIL OUTLET LINE
7	R123575	O-RING	4		ROCKER ARM COVER HOLD DOWN STUD
8	R116515	ENGINE CYLINDER HEAD GASKET	1		CYLINDER HEAD
9	R501373	GASKET	1		THERMOSTAT COVER
10	R81275	GASKET	1	-XXXXXX	AIR INLET
10A	R133893	GASKET	1	XXXXXX-	AIR INLET
11	R92097	GASKET	1		TURBOCHARGER TO EXHAUST MANIFOLD
12	RE66082	GASKET KIT	1		CYLINDER HEAD REMOVAL
13	R123352	GASKET	1		ENGINE OIL PAN
14	R75892	O-RING	1		OIL PUMP TUBE CONNECTOR
15	R97185	O-RING	1		OIL PUMP OUTLET TUBE TO COVER
16	R61871	O-RING	1		OIL PUMP INTAKE TUBE
17	RE66084	GASKET KIT	1		IN CHASSIS OVERHAUL

ENGINE MAJOR OVERHAUL GASKET SET
PE4045TP052
(ENG. SERIAL NO.026650-)

TP55371 -UN-07MAY98

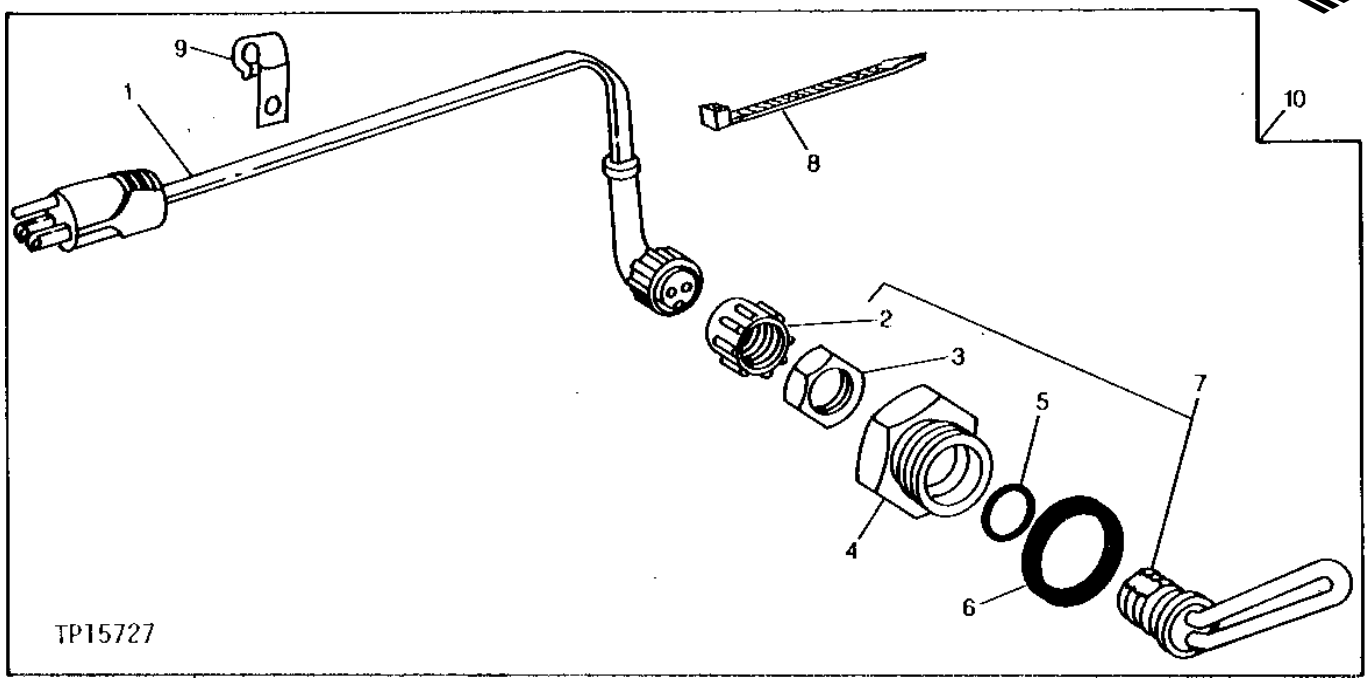


ENGINE MAJOR OVERHAUL GASKET SET
PE4045TP052
(ENG. SERIAL NO.026650-)

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R123542	GASKET	1		ROCKER ARM COVER
2	R90658	GASKET	4		EXHAUST MANIFOLD
3	R121416	GASKET	1		THERMOSTAT COVER
4	R123226	SEAL	2		WATER BY-PASS TUBE
5	R123345	GASKET	1		THERMOSTAT HOUSING
6	R123570	GASKET	1		TURBOCHARGER OIL OUTLET TUBE
7	R123575	O-RING	4		ROCKER ARM COVER HOLD DOWN STUD
8	R116515	ENGINE CYLINDER HEAD GASKET	1		CYLINDER HEAD
9	R501373	GASKET	1		THERMOSTAT COVER
10	R81275	GASKET	1		AIR INLET
11	R92097	GASKET	1		TURBOCHARGER TO EXHAUST MANIFOLD
12	RE501455	GASKET KIT	1		MAJOR OVERHAUL
	RE515748	ENGINE OVERHAUL KIT	1		(SUB FOR RE66094) OVERHAUL(INCLUDES MAJOR OVERHAUL GASKET SET; ENGINE CONNECTING ROD BEARINGS;ENGINE MAIN BEARINGS AND PISTON AND CYLINDER LINER KITS) (ORDER ONE KIT PER ENGINE)
13	R123352	GASKET	1		ENGINE OIL PAN
14	R75892	O-RING	1		OIL PUMP TUBE CONNECTOR
15	R97185	O-RING	1		OIL PUMP OUTLET TUBE TO COVER
16	R61871	O-RING	1		OIL PUMP INTAKE TUBE
17	A4827R	WASHER	1		OIL PRESSURE REGULATOR PLUG
18	RE44574	SEAL	1		REAR OIL SEAL
19	RE516340	KIT	1		FRONT OIL SEAL, (MARKED RE52346 OR RE505515) (SUB FOR RE59810)
20	R112316	VALVE	1		FUEL TRANSFER PUMP
21	R123417	GASKET	1		WATER PUMP
22	R136516	GASKET	1		TIMING GEAR COVER
23	R123501	GASKET	1		OIL COOLER HOUSING
24	R123504	GASKET	1		REMOTE OIL FILTER ADAPTER
25	R123525	GASKET	AR		OIL FILTER HEADER
26	R53108	GASKET	1		STARTING MOTOR
27	R72328	O-RING	4		OIL FILTER TUBES
28	R89944	O-RING	1		WATER PUMP INLET
29	R61105	O-RING	2		CONNECTOR TUBE TO TIMING GEAR COVER
30	T122075	O-RING	2		OIL COOLER TO HOUSING
31	R501428	GASKET	1		COOLANT PASSAGE ADAPTER
32	R500374	GASKET	1		OIL FILTER HEADER

ENGINE COOLANT HEATER

TP15727 -UN-01JAN94

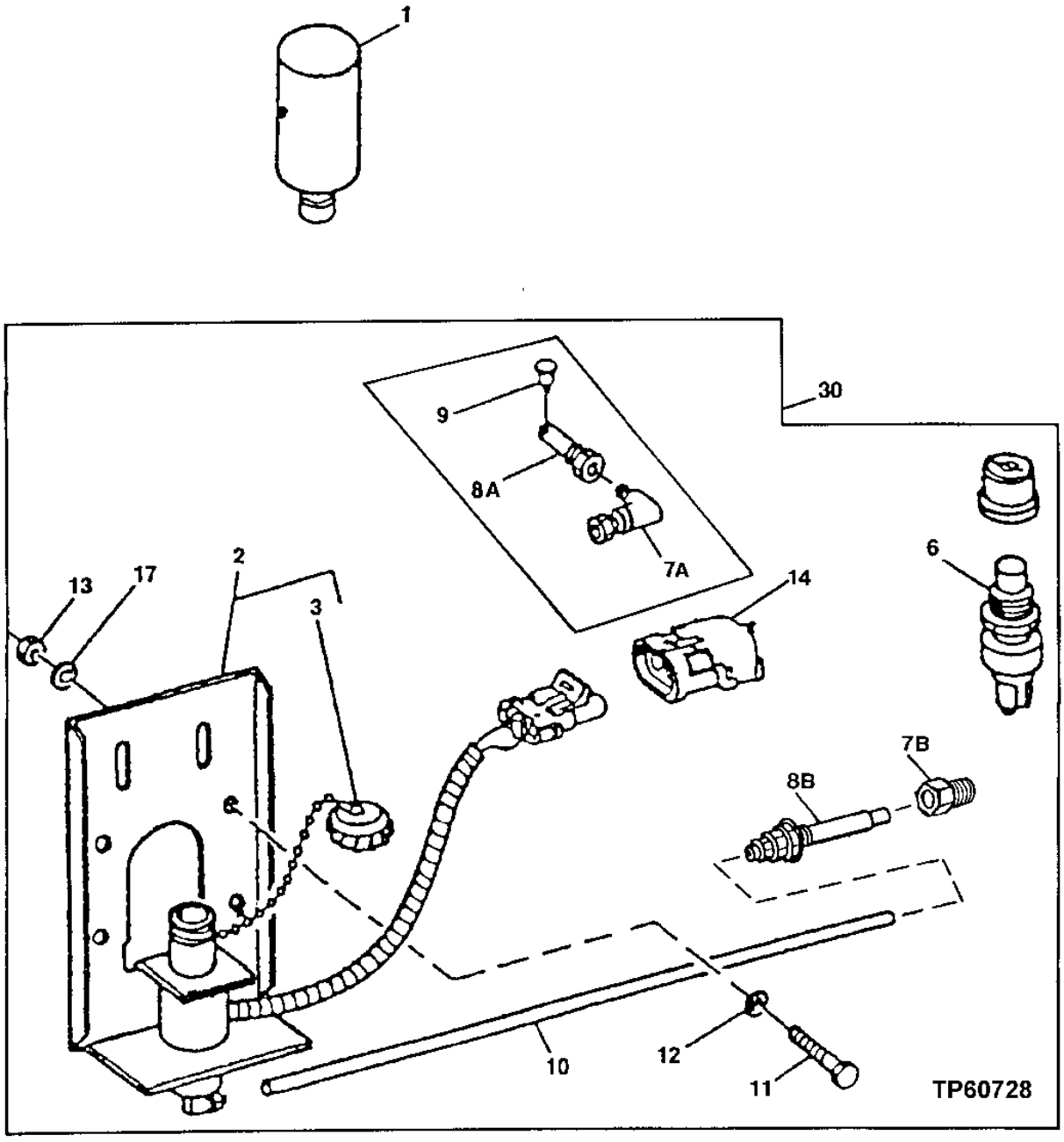


KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AT73296	POWER CORD	1		
2	.....	CAP	1		(R54510 NO LONGER AVAILABLE)
3	.....	NUT	1		(R54511 NO LONGER AVAILABLE)
4	R54123	ADAPTER	1		
5	R206883	WASHER	1		(SUB FOR R47693)
6	U13639	O-RING	1		37.465 X 2.997 MM (1.475" X 0.118")
7	RE42139	HEATING ELEMENT	1		(SUB FOR AR62399, THIS APPLICATION)
8	H77698	TIE BAND	1		(SUB FOR R44302, THIS APPLICATION)
9	T19935	CLAMP	1		
10	AT74940	COOLANT HEATER	1		WHOLEGOODS

MEMORANDA

COLD WEATHER STARTING AID

TP60728 -UN-24JUL98



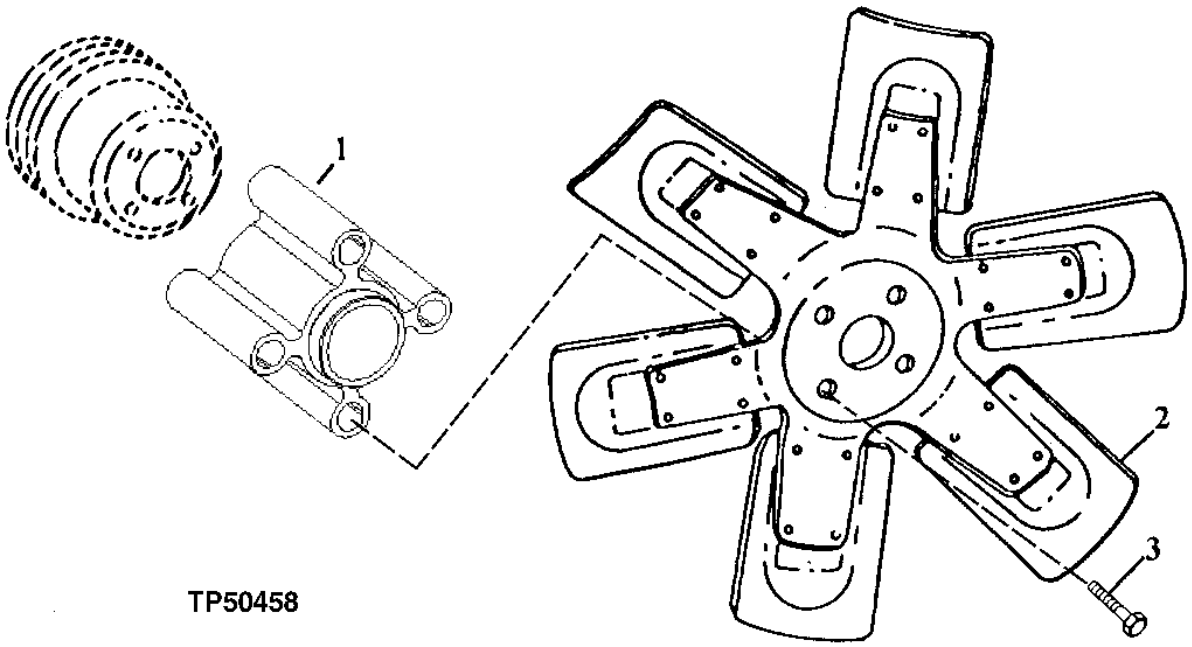
COLD WEATHER STARTING AID

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AT171162	STARTING FLUID	1		
2	AT170759	SOLENOID	1		
3	AT171539	CAP (HAT)	1		
6	4384759	SWITCH	1		(SUB FOR AT178893)
7A	RE21790	ELBOW FITTING	1		(SUB FOR AT183222 AND T175293, THIS APPLICATION)
7B	T175293	ADAPTER	1		
8A	R47160	NOZZLE HOLDER	1		(SUB FOR AT183222 AND T175293, THIS APPLICATION)
8B	AT183222	NOZZLE	1		
9	T155858	NOZZLE	1		(USE WITH R47160)
10	.....	TUBE	1		(CUT TO LENGTH FROM T78593 BULK MATERIAL)
11	19M7407	CAP SCREW	4		M8 X 25
12	12M7056	LOCK WASHER	4		8 MM (0.315") (SUB FOR 12M7065)
13	14M7273	NUT	4		M8
14	.....	CONNECTOR	1		(AL2976T NO LONGER REQUIRED)
17	24M7055	WASHER	4		8.400 X 16 X 1.600 MM (0.331" X 0.630" X 0.063")
18	R44302	TIE BAND	AR		(NOT ILLUSTRATED)
30	AT178845	STARTING AID	1		WHOLEGOODS (ETHER)

MEMORANDA

FAN BLADE

TP50458 -UN-20AUG96

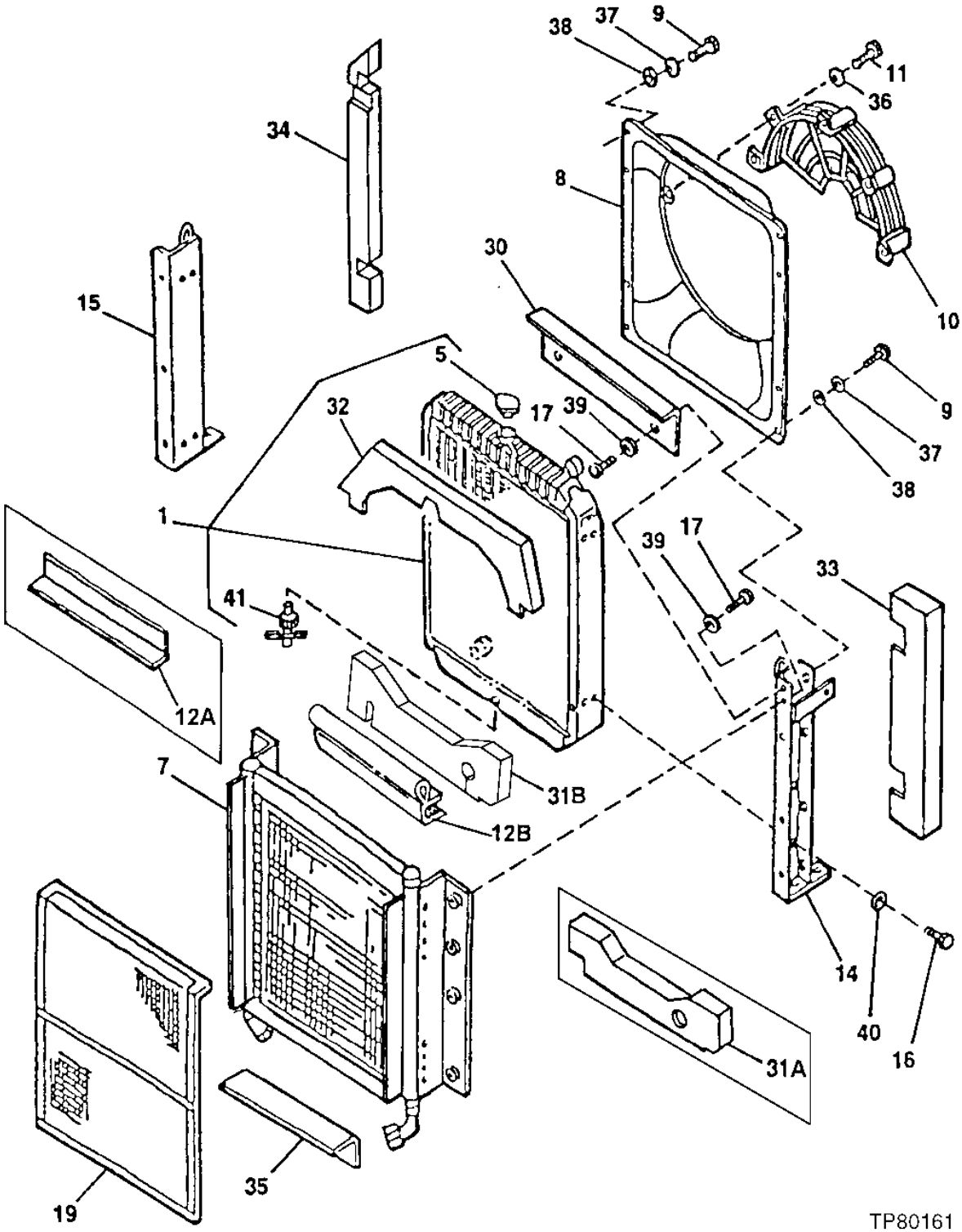


TP50458

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	R81911	HUB	1		
2	AT107512	SUCTION FAN	1		
3	19M7811	SCREW	4		M10 X 90

RADIATOR

TP80161 -UN-18NOV99

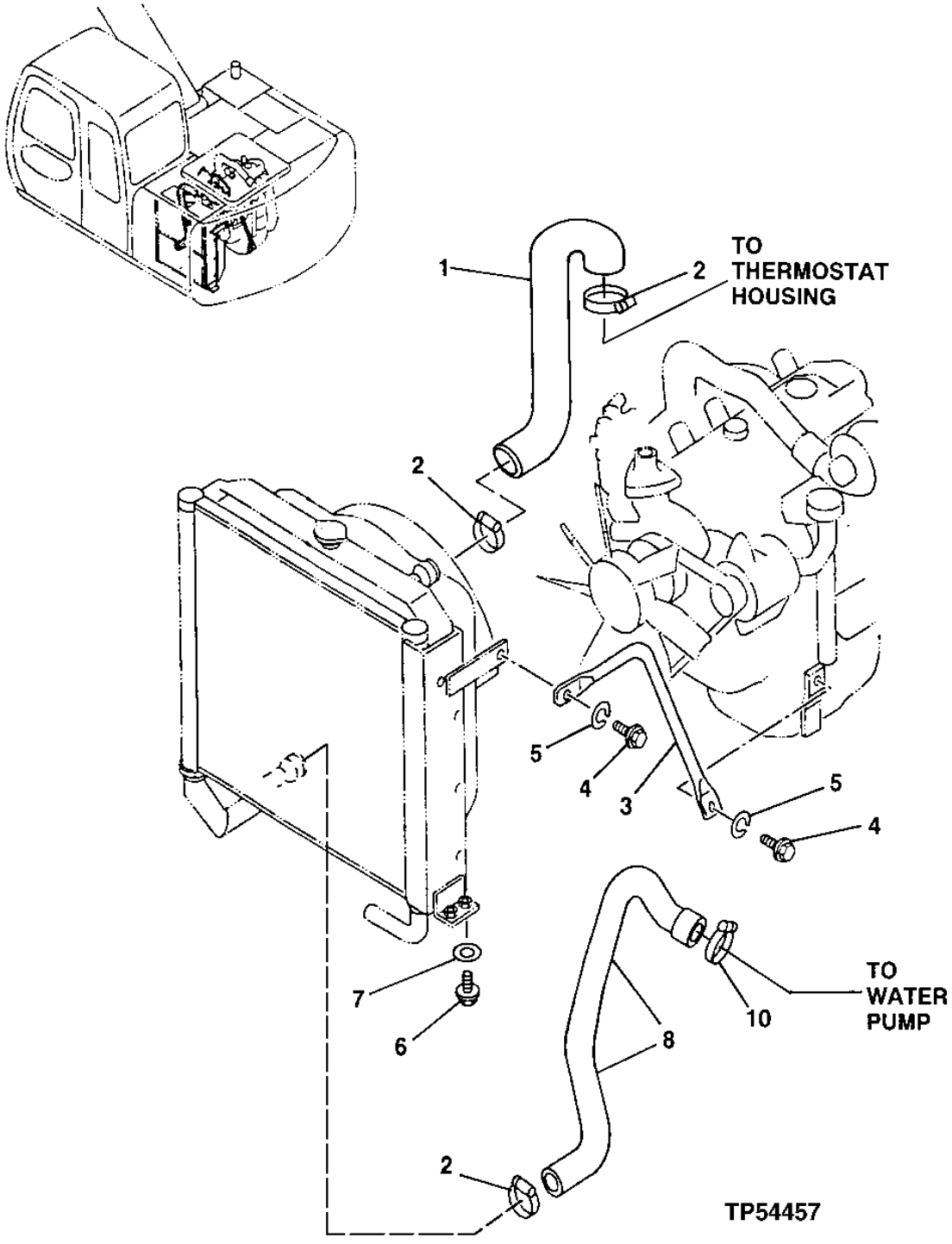


RADIATOR

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AP33231	RADIATOR	1		(SUB FOR AP33258)
5	AT173610	FILLER CAP	1		
7	AP35242	OIL COOLER	1		(SUB FOR AP33288)
8	AP33234	SHROUD	1		
9	19M7785	SCREW	8		M10 X 25
10	AP33235	GUARD	1		
11	19M7867	SCREW	5		M8 X 25
12A	P60637	PAD	1	-020030	
12B	P66231	ISOLATOR	1	020031-	
14	AP33237	SUPPORT	1		
15	AP33236	SUPPORT	1		
16	19M7783	SCREW	16		M10 X 16
17	19M7784	SCREW	2		M10 X 20
19	AP33233	SCREEN	1		
30	P60630	ANGLE	1		
31A	P60636	PAD	1		(USE UNTIL EXHAUSTED)
31B	P60636	PAD	1		(DESIGN CHANGE W/SAME PART NO.)
32	P60633	PAD	1		
33	P66267	PAD	1		(SUB FOR P60634)
34	P60635	PAD	1		
35	P60676	PAD	1		
36	24M7298	WASHER	5		8.400 X 25 X 2 MM (0.331" X 0.984" X 0.079")
37	24M7296	WASHER	8		10.500 X 30 X 2.500 MM (0.413" X 1.181" X 0.098")
38	24H1330	WASHER	8		11.913 X 34.925 X 2.769 MM (15/32" X 1-3/8" X 7/64")
39	24M7296	WASHER	2		10.500 X 30 X 2.500 MM (0.413" X 1.181" X 0.098")
40	24M7296	WASHER	16		10.500 X 30 X 2.500 MM (0.413" X 1.181" X 0.098")
41	AT13740	DRAIN VALVE	1		

RADIATOR PARTS

TP54457 -UN-04DEC96

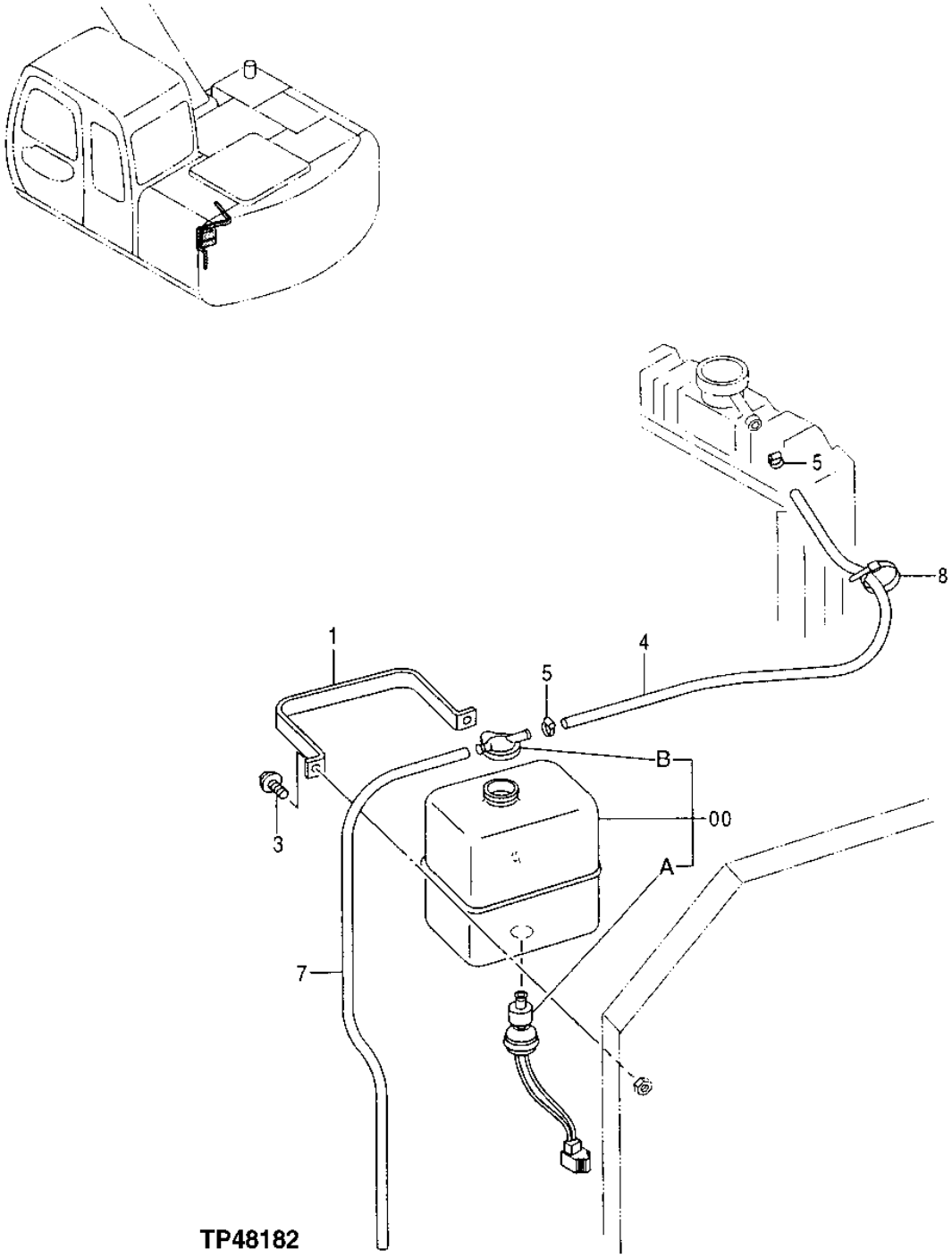


RADIATOR PARTS

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	P60677	HYDRAULIC HOSE	1		(FOR USE WITH T04045TT054 ENGINE WITH ENGINE SERIAL NUMBERS -803026)
	P61115	RADIATOR HOSE	1		(FOR USE WITH PE4045TP052 ENGINE WITH ENGINE SERIAL NUMBERS 026650-)
2	AR21999	HOSE CLAMP	3		
3	P61948	BRACKET	1		
4	19M8035	CAP SCREW	2		M16 X 35
5	12H294	LOCK WASHER	2		15.875 MM (5/8")
6	19M7403	CAP SCREW	4		M12 X 35
	12M7058	LOCK WASHER	4		12 MM (0.472") (SUB FOR 12M7067)
7	24M7226	WASHER	4		13 X 35 X 5 MM (0.512" X 1.378" X 0.197") (SUB FOR 24M7345, THIS APPLICATION)
8	P61111	HOSE	1		(SUB FOR P60753)
10	AR40418	HOSE CLAMP	1		

RESERVE WATER TANK

TP48182 -UN-05NOV96

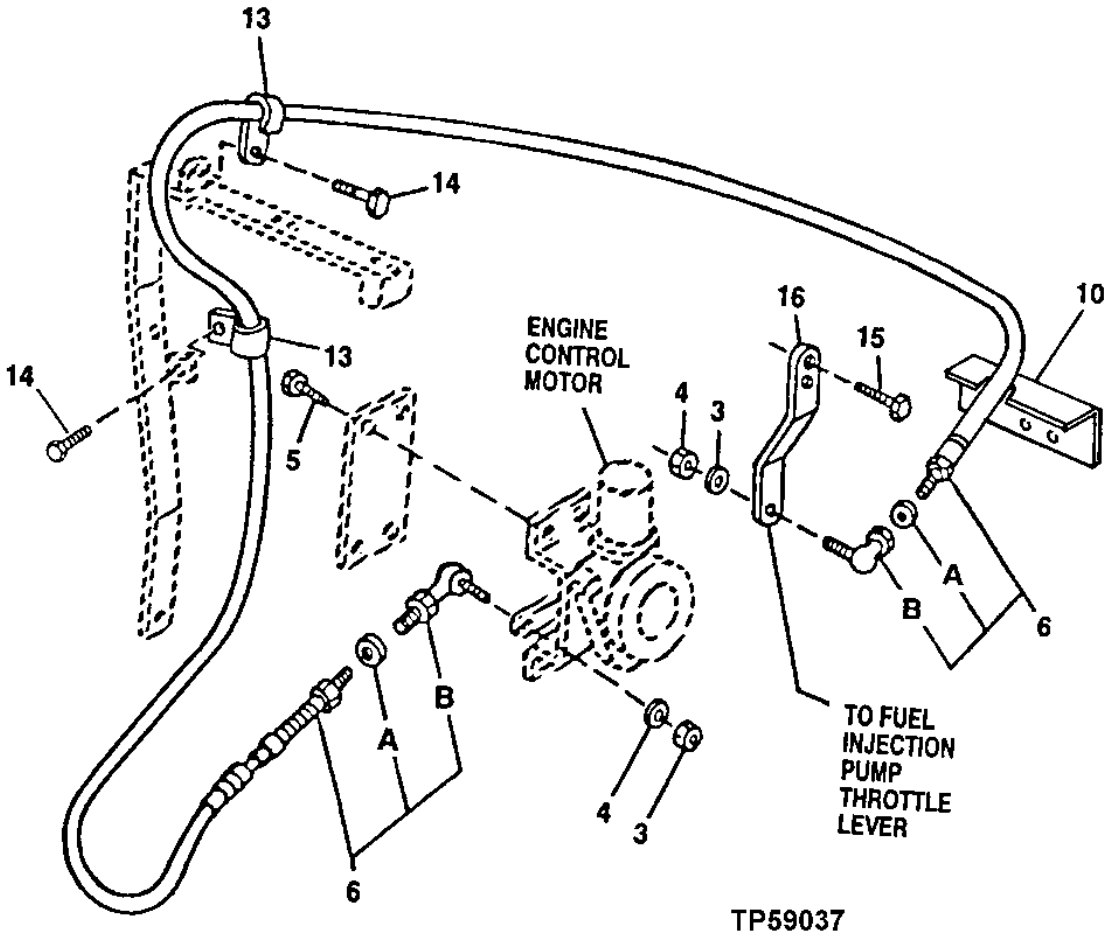


RESERVE WATER TANK

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4130139	TANK	1		(SUB FOR TH102161)
0A	4153251	SENDER	1		(SUB FOR TH102932)
0B	4396809	CAP	1		(SUB FOR TH102933)
1	4180555	BRACKET	1		(SUB FOR TH108579)
3	19M7139	CAP SCREW	2		M8 X 20
	12M7056	LOCK WASHER	2		8 MM (0.315") (SUB FOR 12M7065)
	24M7055	WASHER	2		8.400 X 16 X 1.600 MM (0.331" X 0.630" X 0.063")
4	.....	HOSE	1		(SUB T79477 BULK MATERIAL CUT TO LENGTH) (AP34533 NOT AVAILABLE FOR SERVICE)
5	TY22462	CLAMP	2		(SUB FOR AR48236)
7	.....	HOSE	1		(SUB T79477 BULK MATERIAL CUT TO LENGTH) (AP34533 NOT AVAILABLE FOR SERVICE)
8	H77698	TIE BAND	1		(SUB FOR M88199)

ENGINE CONTROL CABLE

TP59037 -UN-13APR98

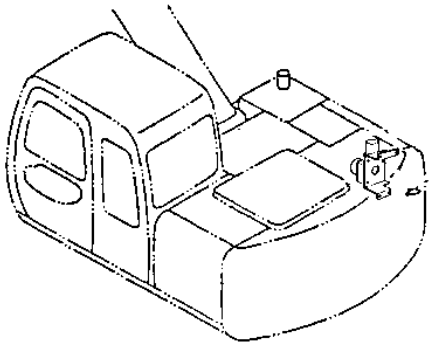


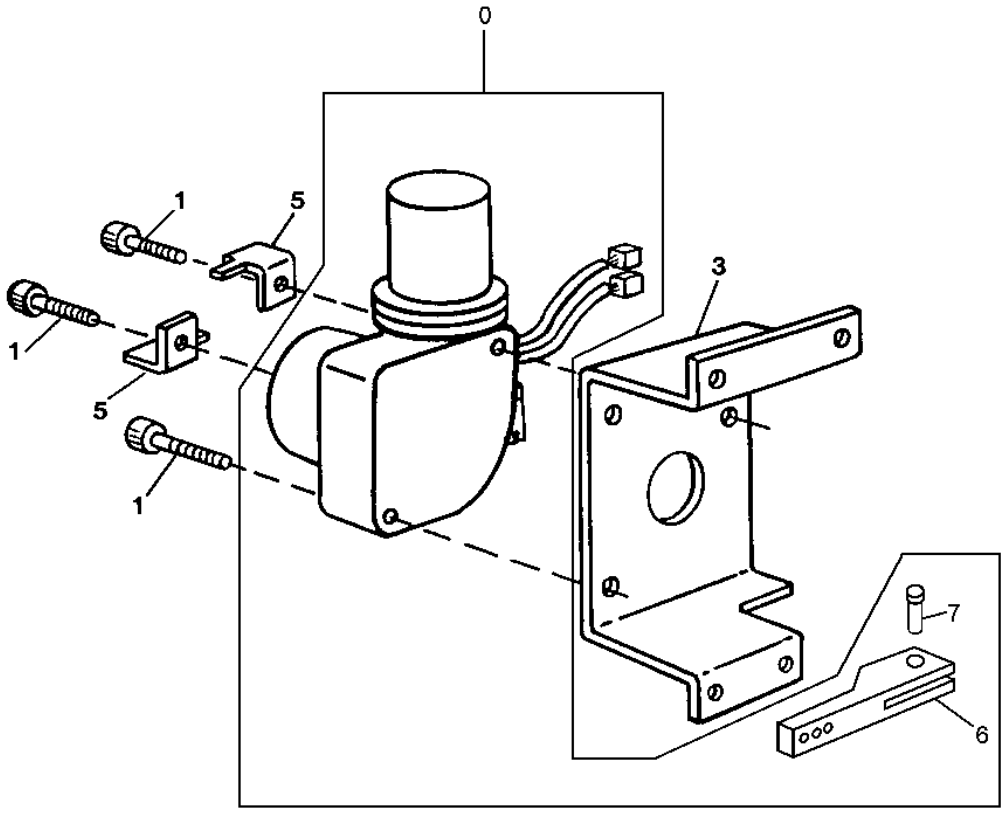
ENGINE CONTROL CABLE

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
3	14M7272	NUT	2		M6
4	12M7006	LOCK WASHER	2		
5	19M7938	CAP SCREW	4		M10 X 20
	12M7058	LOCK WASHER	4		12 MM (0.472") (SUB FOR 12M7067)
	24M7346	WASHER	4		11 X 20 X 2 MM (0.433" X 0.787" X 0.079")
6	AP35249	PUSH PULL CABLE	1		(SUB FOR AP34391)
6A	14M7272	NUT	2		M6
6B	4056017	BALL JOINT	2		(SUB FOR TH102073)
10	4372565	BRACKET	1		(SUB FOR AT215096)
13	4190261	CLIP	2		(SUB FOR TH109649)
14	19M7402	CAP SCREW	1		M10 X 25
	12M7066	LOCK WASHER	1		10 MM (0.394")
	24M7028	WASHER	1		10.500 X 20 X 2 MM (0.413" X 0.787" X 0.079")
15	19M8826	SCREW	2		M6 X 16
16	R123619	LEVER	1		

ENGINE CONTROL MOTOR

T198909 -UN-07APR04





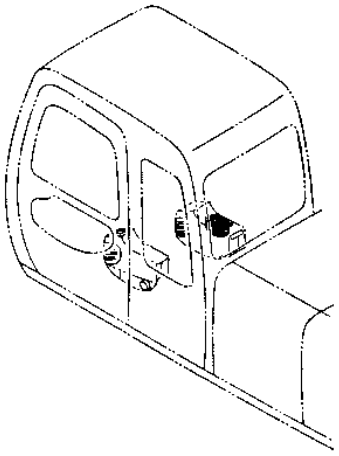
T198909

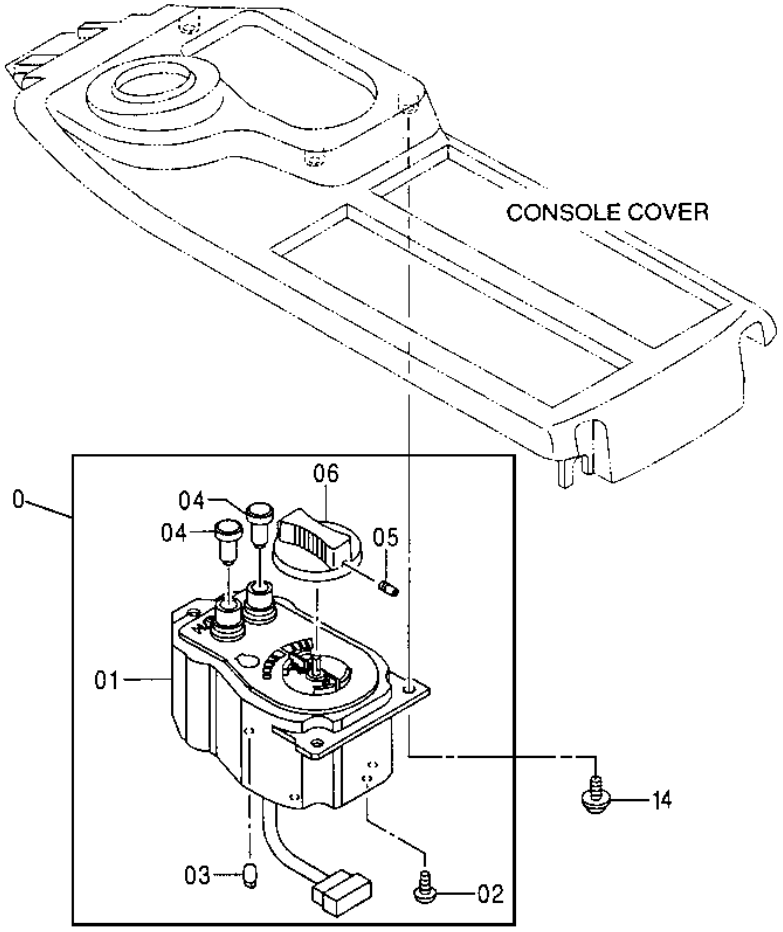
ENGINE CONTROL MOTOR

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4614911	MOTOR	1		(4360509 NO LONGER AVAILABLE) (SUB FOR AP34035)
	4436533	GEAR	1		(SUB FOR AT192410) (NOT ILLUSTRATED) (COMPONENT OF AP34035 MOTOR)
1	19M8954	SCREW	3		M10 X 60
3	8066354	BRACKET	1		(SUB FOR AP34245)
5	4257159	BRACKET	2		(SUB FOR AT154243)
6	9756079	LEVER	1		(SUB FOR 9207252, ALONG WITH J780820)
7	J780820	CAP SCREW	1		

ENGINE CONTROL UNIT

TP54804 -UN-29MAY97





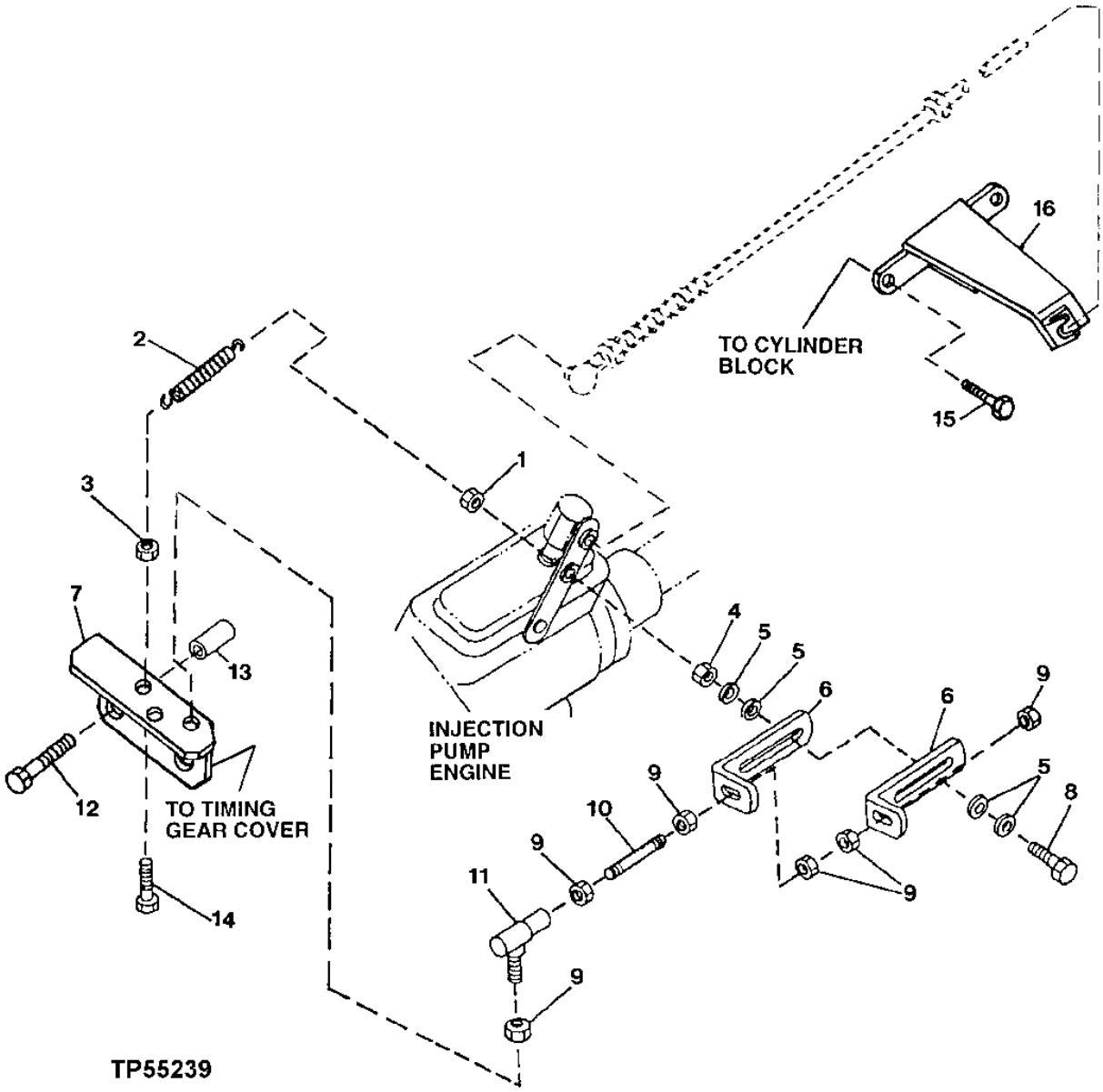
TP54804

ENGINE CONTROL UNIT

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4341545	CONTROL	1		(SUB FOR AT216976)
1	4370311	ENGINE CONTROLLER	1		(SUB FOR AT214257)
2	4370153	SCREW WITH WASHER	3		(SUB FOR AT214200)
3	4370152	LAMP	1		(SUB FOR AT214199)
4	4370151	SWITCH	2		(SUB FOR AT214198)
5	4370150	SET SCREW	1		(SUB FOR AT214197)
6	4370143	KNOB	1		(SUB FOR AT214190)
14	21M7265	SCREW	3		M5 X 12
	24M7027	WASHER	3		5.300 X 10 X 1 MM (0.209" X 0.394" X 0.039")
	12M7064	LOCK WASHER	3		5 MM (0.197")

ENGINE SPEED CONTROL

TP55239 -UN-24NOV97

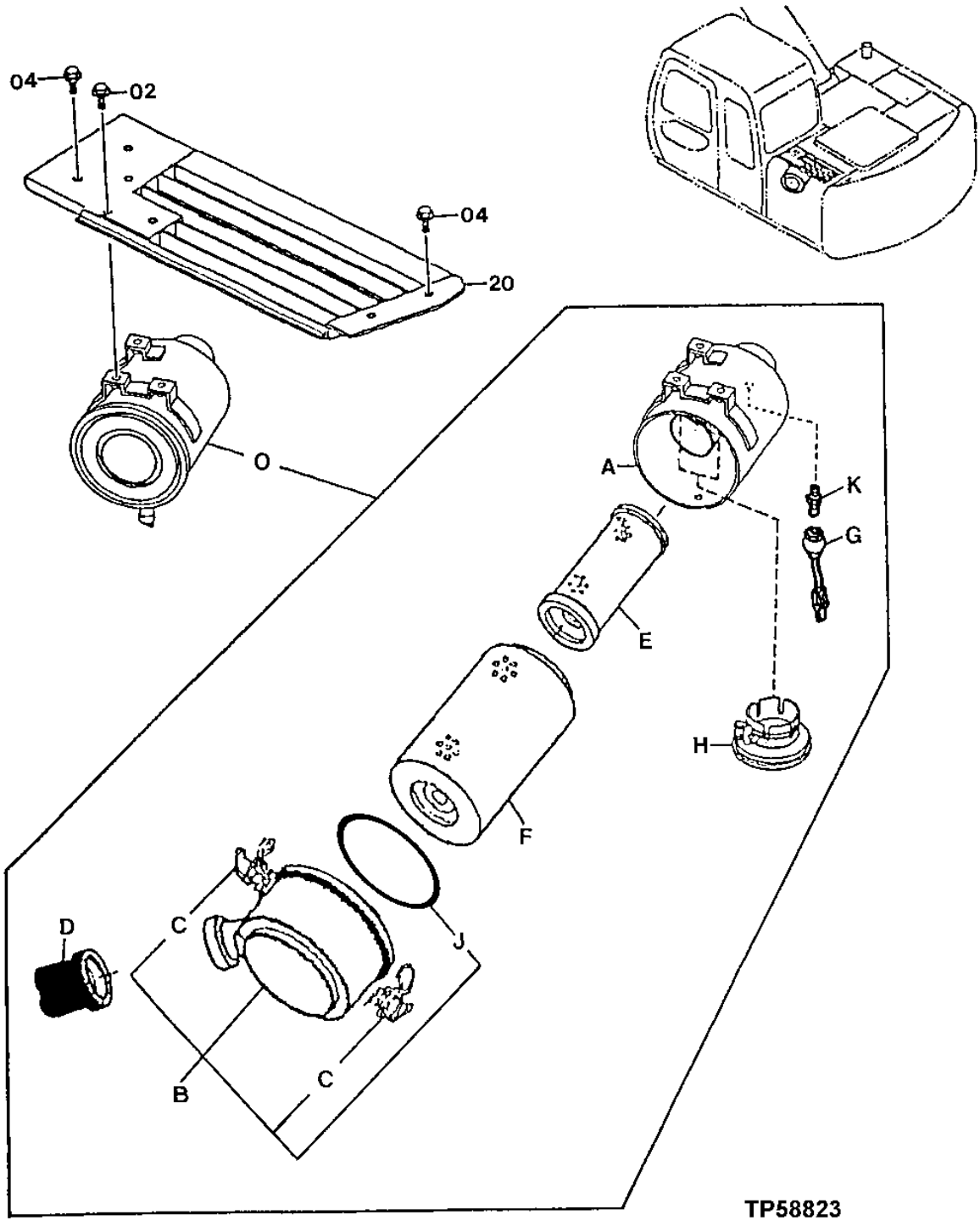


ENGINE SPEED CONTROL

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	E45229	LOCK NUT	1		6.350 MM (1/4") (SUB K40001)
	K40001	LOCK NUT	1		6.350 MM (1/4")
2	T48184	SPRING	1		
3	14H786	NUT	1		6.350 MM (1/4")
4	14H786	NUT	1		6.350 MM (1/4")
5	24M7238	WASHER	4		8.700 X 17 X 2 MM (0.343" X 0.669" X 0.079")
6	T138821	ANGLE	2		
7	T160028	ANGLE	1		
8	19H1898	CAP SCREW	1		6.350 X 38.100 MM (1/4" X 1-1/2")
9	14H860	NUT	6		6.350 MM (1/4")
10	T160026	ROD	1		
11	AT55107	UNIVERSAL JOINT	1		
12	19M7979	SCREW	2		M8 X 55
13	28H862	SPACER	2		10.744 X 17.145 X 11.125 MM (0.423" X 0.675" X 7/16")
14	19H1948	CAP SCREW	1		6.350 X 19.050 MM (1/4" X 3/4")
15	19M7784	SCREW	2		M10 X 20
16	AT175843	BRACKET	1		

AIR CLEANER

TP58823 -UN-23OCT97

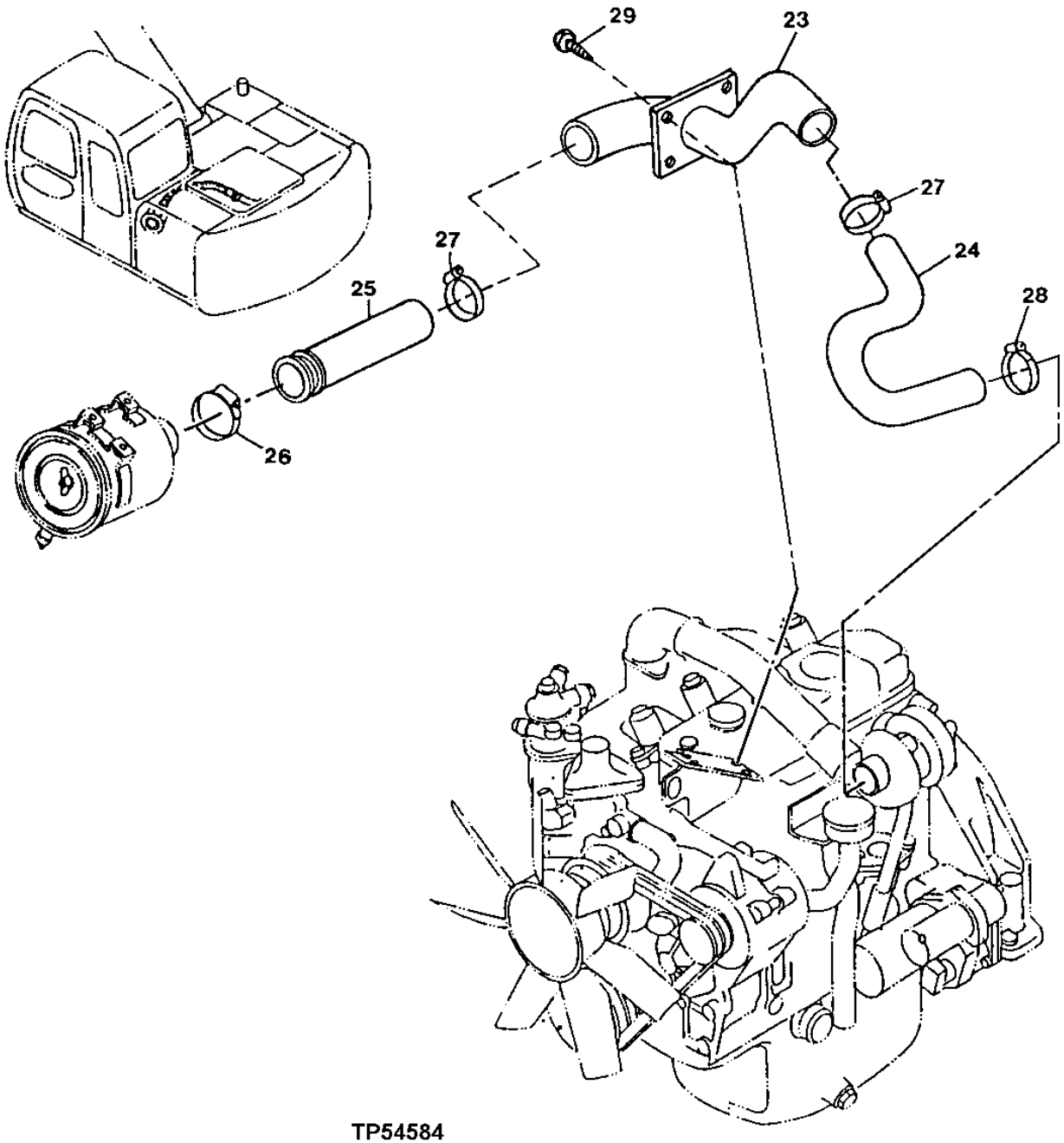


AIR CLEANER

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	AP35244	AIR CLEANER	1		
0A	.....	HOUSING	1		
0B	AT175357	COVER	1		
0C	AT209926	CLIP	3		
0D	T158495	VALVE	1		
0E	AT175345	AIR FILTER	1		
0F	AT175344	AIR FILTER	1		
0G	AP33252	SENSOR	1		
0H	AT206888	CAP	1		
0J	T163113	O-RING	1		
0K	AR44361	FITTING	1		
2	19M7935	CAP SCREW	3		M10 X 55
	12M7066	LOCK WASHER	3		10 MM (0.394")
	24M7028	WASHER	3		10.500 X 20 X 2 MM (0.413" X 0.787" X 0.079")
4	19M7662	CAP SCREW	4		M10 X 30
	12M7066	LOCK WASHER	4		10 MM (0.394")
20	AP33298	COVER	1		

AIR CLEANER SUPPORT

TP54584 -UN-07FEB97



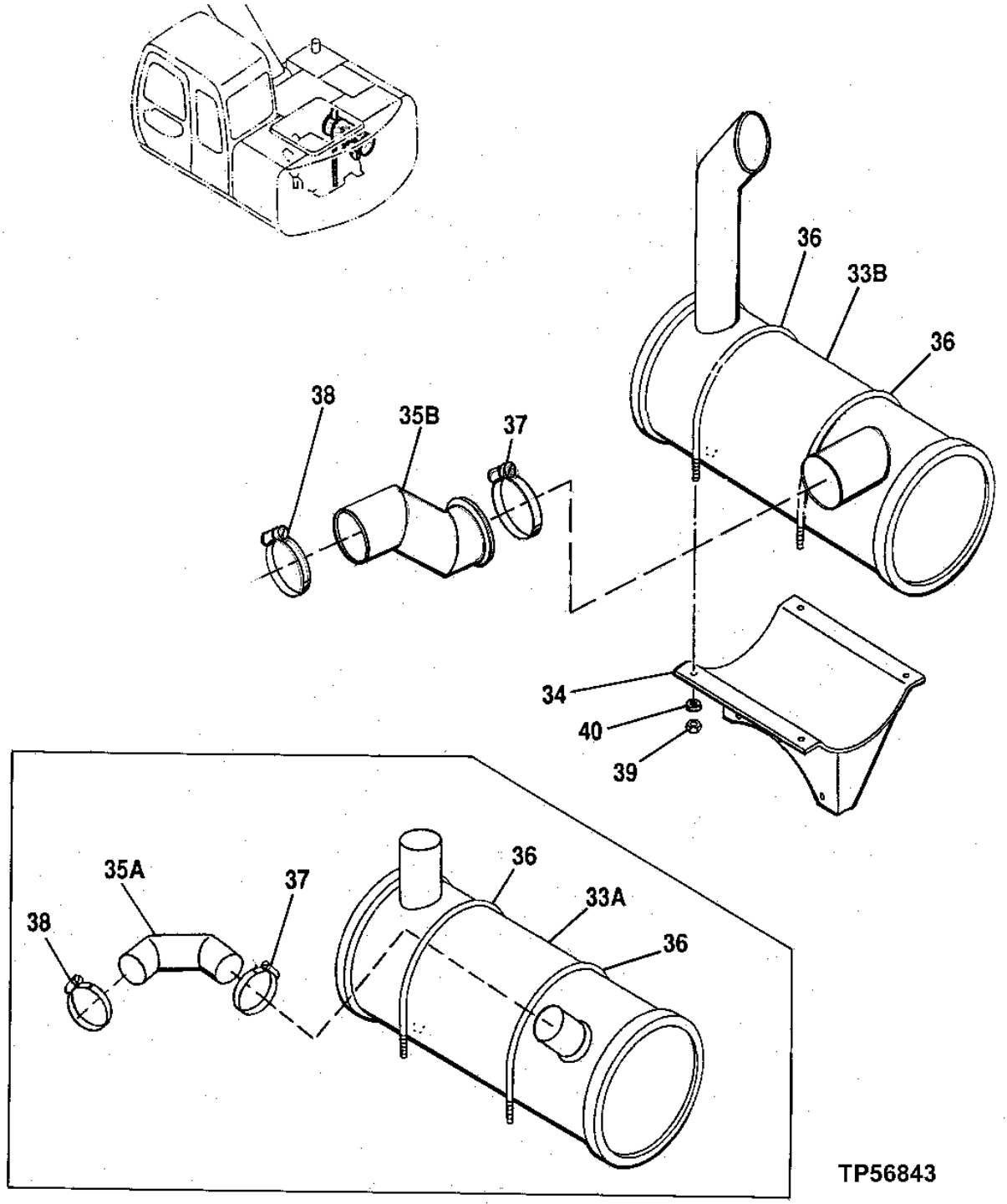
TP54584

AIR CLEANER SUPPORT

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
23	AP33248	TUBE	1		
24	P60651	HOSE	1		
25	P60652	HOSE	1		
26	AT112176	HOSE CLAMP	1		
27	AT56658	HOSE CLAMP	2		
28	AT50923	HOSE CLAMP	1		(SUB FOR AT56659, THIS APPLICATION)
29	19M7402	CAP SCREW	4		M10 X 25
	12M7066	LOCK WASHER	4		10 MM (0.394")
	24M7028	WASHER	4		10.500 X 20 X 2 MM (0.413" X 0.787" X 0.079")

MUFFLER

TP56843 -UN-19AUG99

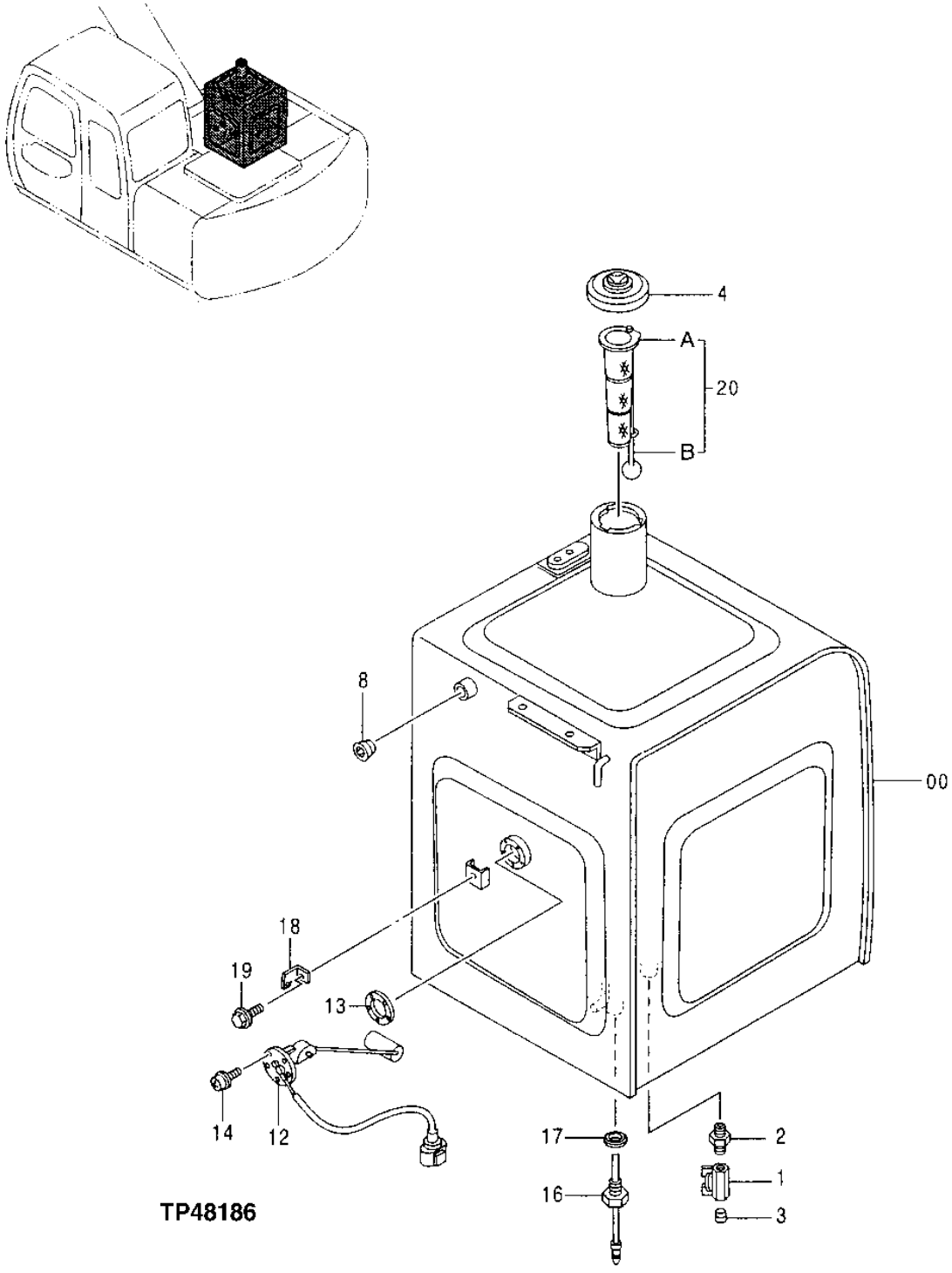


MUFFLER

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
33A	AP33245	MUFFLER	1		(USE IF AVAILABLE) (SUB AP35245 AND P61112)
33B	AP35245	MUFFLER	1		(USE WITH P61112)
34	AP35250	SUPPORT	1		(AP33244 NOT AVAILABLE)
35A	.....	EXHAUST PIPE	1		(EXAHUST PIPE P60650 IS NO LONGER AVAILABLE) (SUB P61112 AND AP35245)
35B	P61112	EXHAUST PIPE	1		(USE WITH AP35245)
36	P60649	HOOK BOLT	2		
37	AT147401	CLAMP	1		
38	RE70212	CLAMP	1		(SUB FOR RE40048)
39	14M7166	LOCK NUT	4		M8
40	24M7298	WASHER	4		8.400 X 25 X 2 MM (0.331" X 0.984" X 0.079")

FUEL TANK,FILLER CAP AND FUEL GAUGE SENDING SWITCH

TP48186 -UN-05NOV96

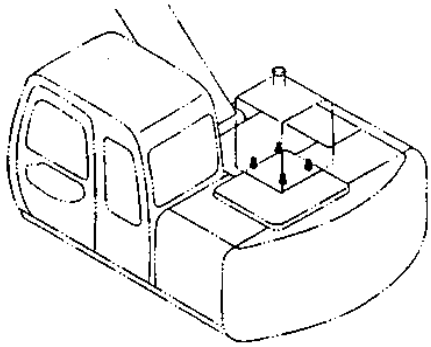


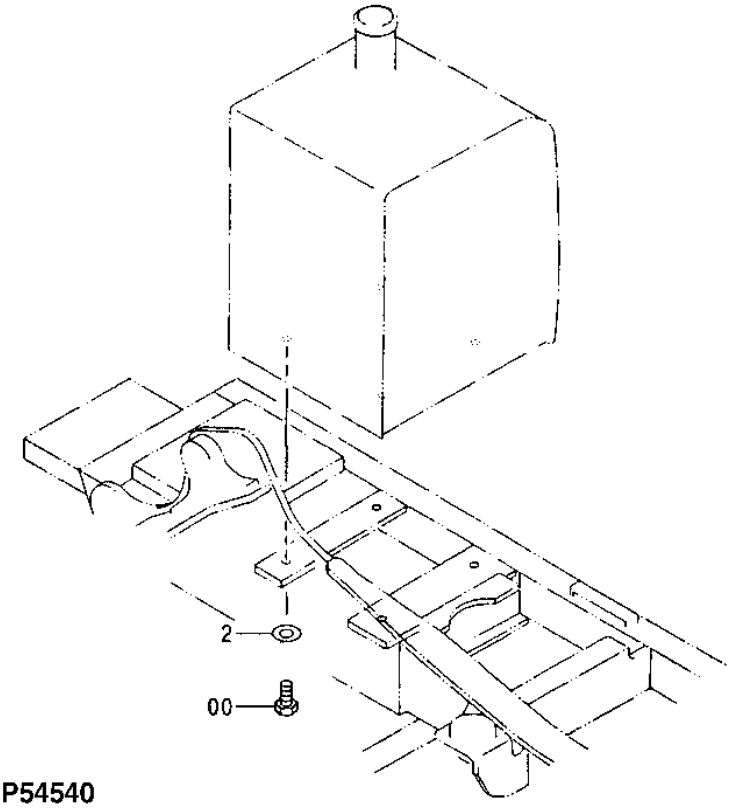
FUEL TANK,FILLER CAP AND FUEL GAUGE SENDING SWITCH

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	AP35861	FUEL TANK	1		(SUB FOR AP33505)
1	4374265	DRAIN VALVE	1		(SUB FOR AT177419)
2	T116057	FITTING	1		
3	94-2011	FITTING PLUG	1		(SUB FOR TH100434)
4	4361638	FILLER CAP	1		(SUB FOR AT175989)
	AT194969	KEY	1		(SUB FOR AT147803) (H800) (NOT ILLUSTRATED)
8	94-2013	FITTING PLUG	1		(SUB FOR TH100648)
12	4257128	FLOAT	1		(SUB FOR AT154239)
13	U42323	GASKET	1		
14	21M7278	SCREW	5		M5 X 10
16	4259788	SWITCH	1		(SUB FOR AT154272)
17	4157648	SEALING WASHER	1		(SUB FOR TH108583)
18	4257159	BRACKET	1		(SUB FOR AT154243)
19	19M8324	CAP SCREW	1		M10 X 16
	12M7058	LOCK WASHER	1		12 MM (0.472") (SUB FOR 12M7067)
20	4353560	STRAINER	1		(SUB FOR AT213970)
20A	.....	STRAINER	1		
20B	.....	FLOAT	1		

FUEL TANK SUPPORT

TP54540 -UN-21JAN97





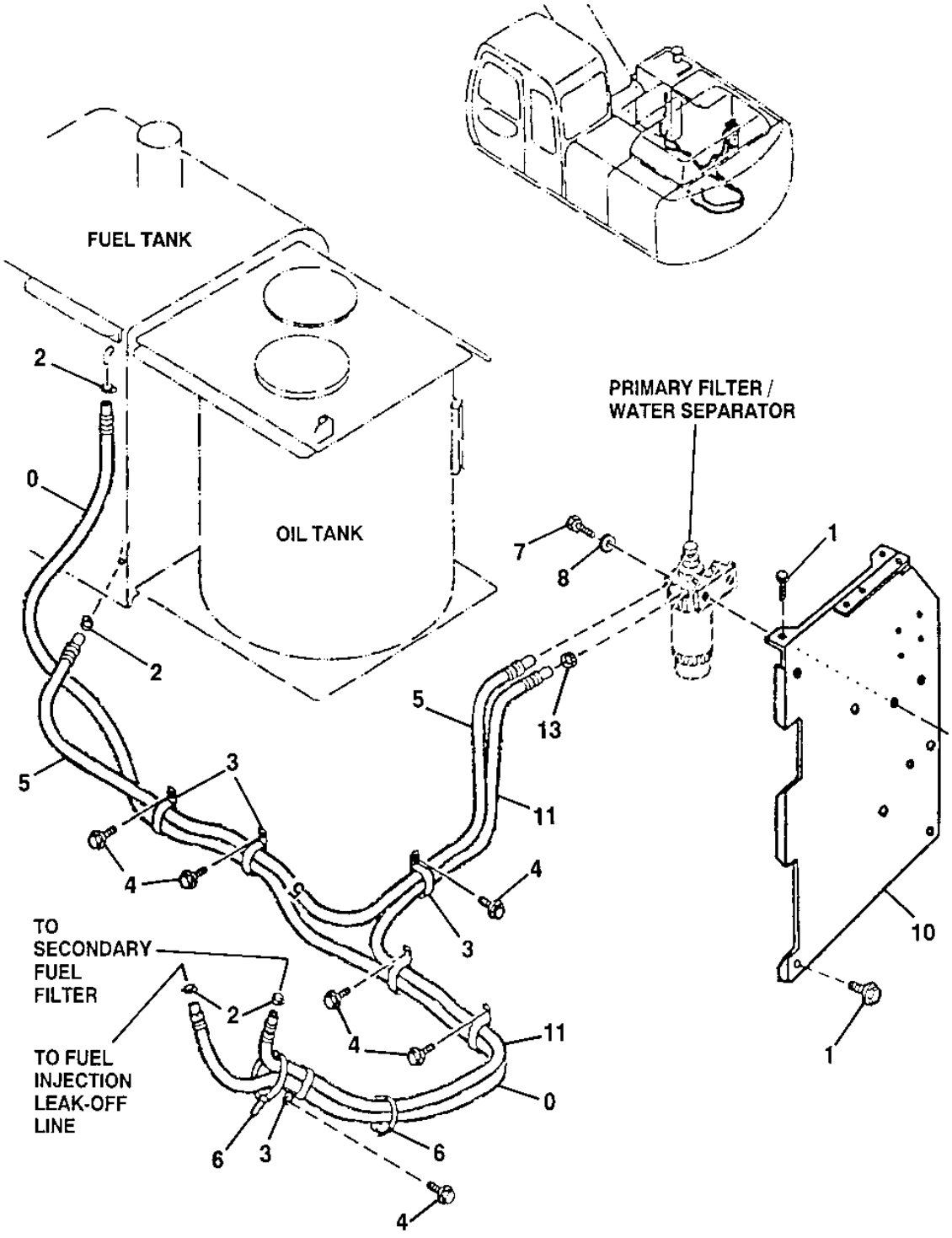
TP54540

FUEL TANK SUPPORT

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	19M8035	CAP SCREW	4		M16 X 35
2	24M7241	WASHER	4		17 X 34 X 4 MM (0.669" X 1.339" X 0.157")

FUEL TANK FUEL LINES

T154110 -UN-15APR02



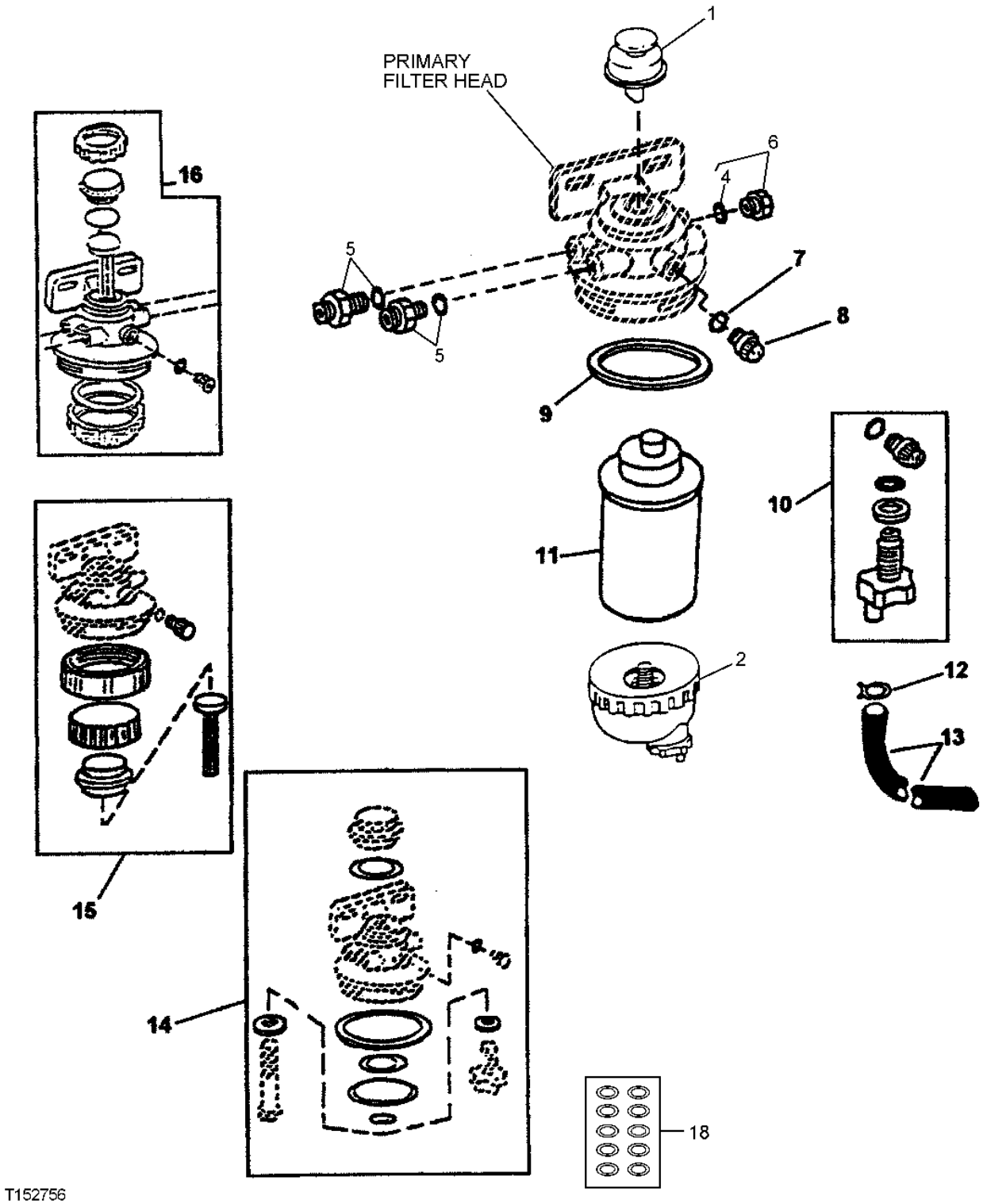
T154110

FUEL TANK FUEL LINES

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	TY24398	BULK HOSE	1		(SUB FOR AP34469) (RETURN)
1	19M7402	CAP SCREW	4		M10 X 25
	24M7346	WASHER	4		11 X 20 X 2 MM (0.433" X 0.787" X 0.079")
	12M7058	LOCK WASHER	4		12 MM (0.472") (SUB FOR 12M7067)
2	TY22464	CLAMP	6		(SUB FOR AR21836)
3	4190266	CLIP	6		(SUB FOR TH108793)
4	19M7938	CAP SCREW	6		M10 X 20
	12M7066	LOCK WASHER	6		10 MM (0.394")
5	9149152	HOSE	1		(SUB FOR AT206094) (SUCTION)
6	H77698	TIE BAND	2		
7	19M7358	CAP SCREW	2		M10 X 40
8	12M7066	LOCK WASHER	2		10 MM (0.394")
10	AP35729	COVER	1		(SUB FOR P63323)
11	AP34467	HOSE	1		(SUCTION)
13	TY22464	CLAMP	2		(SUB FOR AR21836)

PRIMARY FUEL FILTER SERVICE KITS AND ELEMENT

T152756 -UN-19MAR02

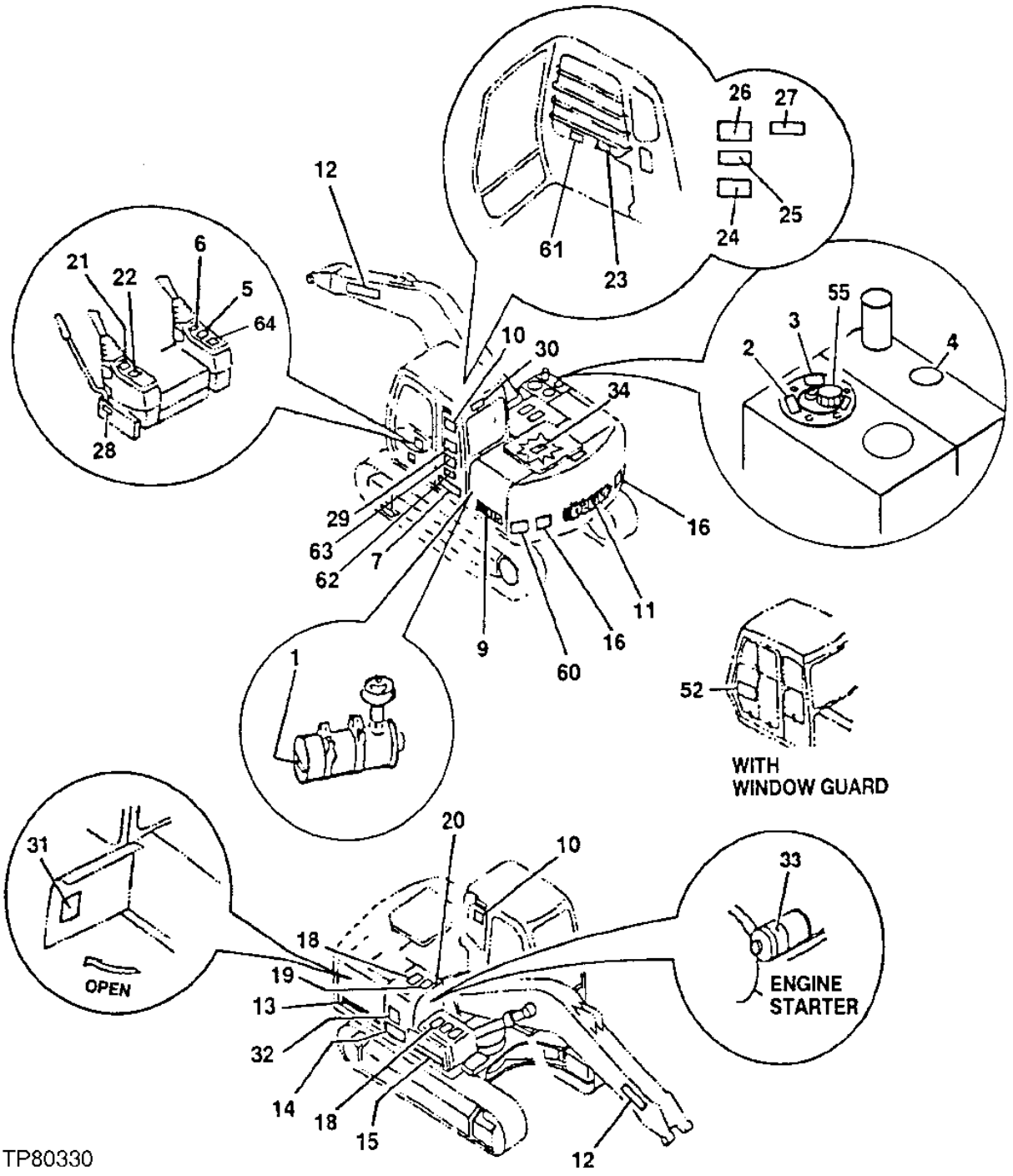


PRIMARY FUEL FILTER SERVICE KITS AND ELEMENT

KEY	PART NO.	PART NAME	QTY	ENGINE SERIAL NO.	REMARKS
1	RE50467	HAND PRIMER	1		
2	RE51650	SEDIMENT BOWL	4		
4	51M7040	O-RING	2		9.300 X 2.200 MM
5	RE500576	ADAPTER	2		
6	RE46686	PLUG	2		
9	R113565	SEAL	1		
10	RE60854	KIT	1		KIT-VENT PLUG
11	RE62424	FUEL FILTER	1		(INCLUDES DRAIN VALVE)
12	T13254	CLAMP	1		
13	R126086	HOSE	1		
14	RE516553	KIT	1		(SUB FOR RE50752)
15	RE51649	SEAL KIT	1		MECHANICAL
16	RE70357	FILTER HEAD	1		FINAL FILTER
18	RE516513	KIT	1		(WITH HAND PRIMER) (CONTAINS 10 O-RINGS)
	RE516512	KIT	1		(WITHOUT HAND PRIMER) (CONTAINS 10 O-RINGS)

LABELS AND DECALS

TP80330 -UN-01DEC99

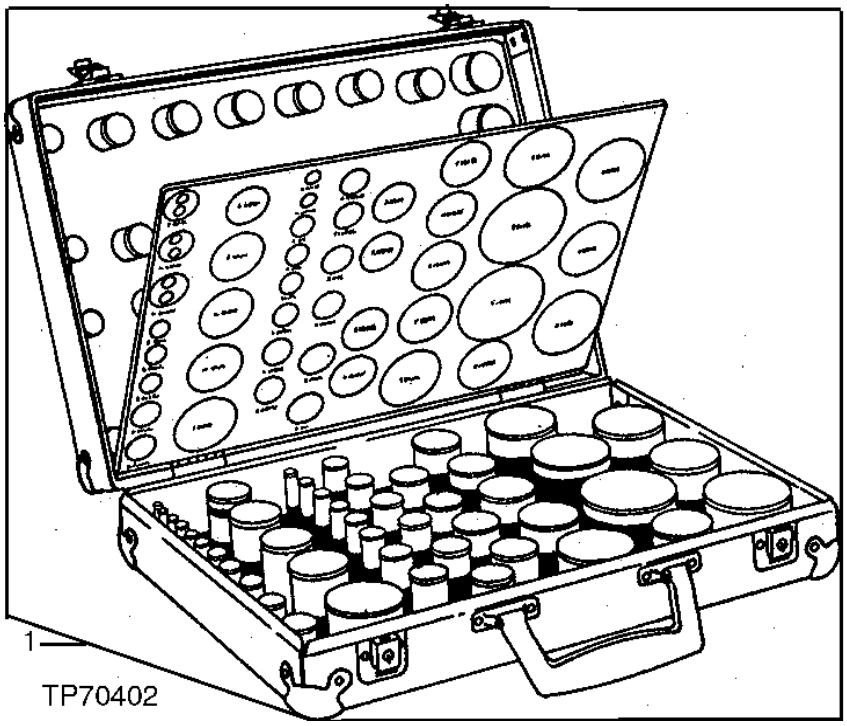


LABELS AND DECALS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	R56902	LABEL	1		(DRY AIR CLEANER)
2	P63448	LABEL	1		(SUB FOR AT155733) (PUMP BLEED INFORMATION)
3	T101942	LABEL	1		(HYDRAULIC OIL)
4	T79632	LABEL	1		(DIESEL ONLY)
5	4264805	LABEL	1		(SUB FOR AT155730) (IGNITION KEY SWITCH)
6	T159842	LABEL	1		(RIGHT CONTROL LEVER - SAE PATTERN) (WHITE BACKGROUND)
	T159843	LABEL	1		(RIGHT CONTROL LEVER - JOHN DEERE PATTERN) (YELLOW BACKGROUND)
7	T161536	LABEL	1		(STRIPE LEFT SIDE)
9	T161783	LABEL	1		(110 LEFT SIDE)
10	T160538	LABEL	2		(TRANSPARENT LEAPING DEER)
11	T160684	LABEL	1		(DEERE)
12	T158455	LABEL	2		(DEERE)
13	T161784	LABEL	1		(110 RIGHT SIDE)
14	T161534	LABEL	1		(STRIPE - RIGHT SIDE)
15	T161535	LABEL	1		(STRIPE - TOOL BOX - RIGHT SIDE)
16	JD5909	REFLECTOR	2		(RED REFLECTOR TAPE) (CUT TO LENGTH FROM JD5909 BULK MATERIAL) (T160910 NOT AVAILABLE FOR SERVICE)
18	H21259	MAT	AR		
19	.....	MAT	1		(ANTI-SKID) T161537 NO LONGER AVAILABLE, (SUB H21259)
20	H21259	MAT	1		
21	T159841	LABEL	1		(LEFT CONTROL LEVER - SAE PATTERN) (WHITE BACKGROUND)
	T159844	LABEL	1		(LEFT CONTROL LEVER - JOHN DEERE PATTERN) (YELLOW BACKGROUND)
22	4288971	LABEL	1		(SUB FOR AT155729) (ETHER AID - MOTION CANCEL)
23	T159888	LABEL	1		ENGLISH (OPERATIONAL - START STOP)
24	T159887	SAFETY SIGN	1		ENGLISH (CAUTION)
	T162754	LABEL	1		SPANISH (CAUTION)
	T162774	LABEL	1		FRENCH (CAUTION)
25	T146668	SAFETY SIGN	1		(WARNING - AVOID CRUSHING)
26	T146667	SAFETY SIGN	1		(DANGER - ELECTROCUTION)
27	T157809	SAFETY SIGN	1		(IMPORTANT - BREAK WINDOW FOR SECONDARY EXIT)
28	4299059	LABEL	1		(SUB FOR T138886) (HYDRAULIC LOCKOUT)
29	T161889	LABEL	1		ENGLISH (LIFT CAPACITY)
	T163613	LABEL	1		SPANISH (LIFT CAPACITY)
	T163601	LABEL	1		FRENCH (LIFT CAPACITY)
30	T146664	SAFETY SIGN	1		(CAUTION WINDOW LOCK - INSIDE CAB)
31	T161888	LABEL	1	-020009	(PERIODIC MAINTENANCE)
	T163496	LABEL	1	020010-	(PERIODIC MAINTENANCE)
	T184283	LABEL	1		(SPANISH)
	T184284	LABEL	1		(FRENCH)
32	T149983	LABEL	1		(IMPORTANT - OIL LEVEL) (INSIDE RIGHT PUMP COMPARTMENT)
33	T146102	LABEL	1		(SUB FOR T146103) (BYPASS START)
34	T152657	SAFETY SIGN	1		(IMPORTANT - RADIATOR)
52	T161729	INSTRUCTION PLATE	1		(VANDAL PROTECTION COVER LOCATIONS)
55	T147009	LABEL	1		(CAUTION - RESERVOIR COVER)
60	T145893	SAFETY SIGN	2		(WARNING - STAY CLEAR)
61	T163407	LABEL	1		(DOZER BLADE OPERATIONS)
62	P63440	LABEL	1		(WARNING - AVOID TIPPING MACHINE)
63	P65656	LABEL	1		(LIFT CAPACITY)
64	T163997	LABEL	1		(DOZER BLADE)

METRIC O-RING KIT

TP70402 -UN-13JUL00



METRIC O-RING KIT

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AT130157	O-RING KIT	1		(CONTAINS ALL ITEMS LISTED BELOW)
..	CH11436	O-RING	5		49.400 X 3.100 MM (1.945" X 0.122")
..	CH11569	PACKING	5		
..	CH11570	O-RING	5		13.800 X 2.400 MM (0.543" X 0.094")
..	CH11571	PACKING	5		
..	CH11572	PACKING	2		
..	CH12329	PACKING	5		
..	CH14634	O-RING	5		17.800 X 2.400 MM (0.701" X 0.094")
..	CH14701	O-RING	5		39.400 X 3.100 MM (1.551" X 0.122")
..	CH17167	O-RING	2		9.800 X 1.900 MM (0.386" X 0.075")
..	CH19111	O-RING	5		7.645 X 1.778 MM (0.301" X 0.070")
..	M800650	PACKING	10		
..	M800893	PACKING	5		
..	AT264324	O-RING	5		(SUB FOR TH100044)
..	AT318035	O-RING	10		(SUB FOR 4506424, TH100055)
..	AT264347	O-RING	5		(SUB FOR TH100136, 4506428)
..	A811030	O-RING	5		29.400 X 3.100 MM (1.157" X 0.122") (SUB FOR TH101300)
..	4506408	O-RING	2		7.800 X 1.900 MM (0.307" X 0.075") (SUB FOR TH101490)
..	TH101926	O-RING	5		28.700 X 3.500 MM (1.130" X 0.138")
..	957474	O-RING	2		39.700 X 3.500 MM (1.563" X 0.138") (SUB FOR TH102706)
..	A811040	O-RING	2		39.400 X 3.100 MM (1.551" X 0.122") (SUB FOR TH102992)
..	4153084	O-RING	2		3.800 X 1.900 MM (0.150" X 0.075") (SUB FOR TH103446)
..	AT264354	O-RING	5		(SUB FOR TH103574)
..	970860	O-RING	2		37.700 X 3.500 MM (1.484" X 0.138") (SUB FOR TH104634)
..	AT264360	O-RING	2		(SUB FOR TH104930, 4506430)
..	T110590	PACKING	5		
..	T110593	PACKING	5		
..	T59014	O-RING	5		24.994 X 3.531 MM (63/64" X 0.139")
..	A811045	O-RING	5		(SUB FOR T74492)
..	U10778	O-RING	5		16.358 X 2.210 MM (0.644" X 0.087")
..	U17409	O-RING	5		26.619 X 2.946 MM (1.048" X 0.116")
..	4506418	O-RING	10		(SUB FOR U46489)

FLUID ANALYSIS PRODUCTS (OILSCAN PLUS TEST KIT)

T135474 -UN-15NOV00

T135474

FLUID ANALYSIS PRODUCTS (OILSCAN PLUS TEST KIT)

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	.....	KIT	1		STANDARD ENGINE, SELF EXTRACTION (12 PER PACKAGE)(INCLUDES SPECTROCHEMICAL ANALYSIS, VISCOSITY, ° WATER, FUEL DILUTION, GLYCOL, FUEL SOOT) (SUB FOR AT178843) (AT178840 NO LONGER AVAILABLE FOR SERVICE - SUB AT180333)
	AT180333	KIT	1		STANDARD ENGINE, 4 OZ BOTTLE (10 PER PACKAGE) (SAME AS AT178840) (SUB FOR AT180335)
	.....	KIT	1		COMPREHENSIVE ENGINE W/TBN (EXTENDED DRAIN) (12 PER PACKAGE)(SAME AS AT178840 PLUS TBN) (AT178842 NO LONGER AVAILABLE FOR SERVICE - SUB AT180334)
	AT180334	KIT	1		COMPREHENSIVE ENGINE W/TBN (EXTENDED DRAIN) 4 OZ BOTTLE (10 PRT PACKAGE) (SAME AS AT178842)
	AT303189	KIT	1		COMPREHENSIVE HYDRAULIC & HYDROSTATIC SYSTEMS, 4 OZ BOTTLE (10 PER PACKAGE) (REQUIRES USE OF A SAMPLING VALVE FOR ACCURATE RESULTS) (SUB FOR AT178844)
	IPSKIT3	PUMP	1		OIL EXTRACTION (1 PER PACKAGE)(CAN BE USED WITH AT180333, AT180334, AND AT180335 KITS TO EXTRACT OIL SAMPLE)
	DS0345	TUBE	1		500'ROLL (USED WITH IPSKIT3 PUMP TO EXTRACT SAMPLE)
	DS0346	TUBE	1		100' ROLL (USED WITH IPSKIT3 PUMP TO EXTRACT SAMPLE)

FLUID ANALYSIS PRODUCTS (COOLSCAN PLUS TEST KIT)

T135475 -UN-15NOV00

T135475

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AT183016	KIT	1		COOLANT ANALYSIS (6 PER PACKAGE)(TESTS FREEZE POINT, ° ANTIFREEZE, PH, RESERVE ALKALINITY, NITRITE, MOLYBDATE, SILICATE, VISUAL ASSESSMENT & CORROSION METALS (IRON, COPPER, ALUMINUM & LEAD))

FLUID ANALYSIS PRODUCTS (DIESELSCAN TEST KIT)

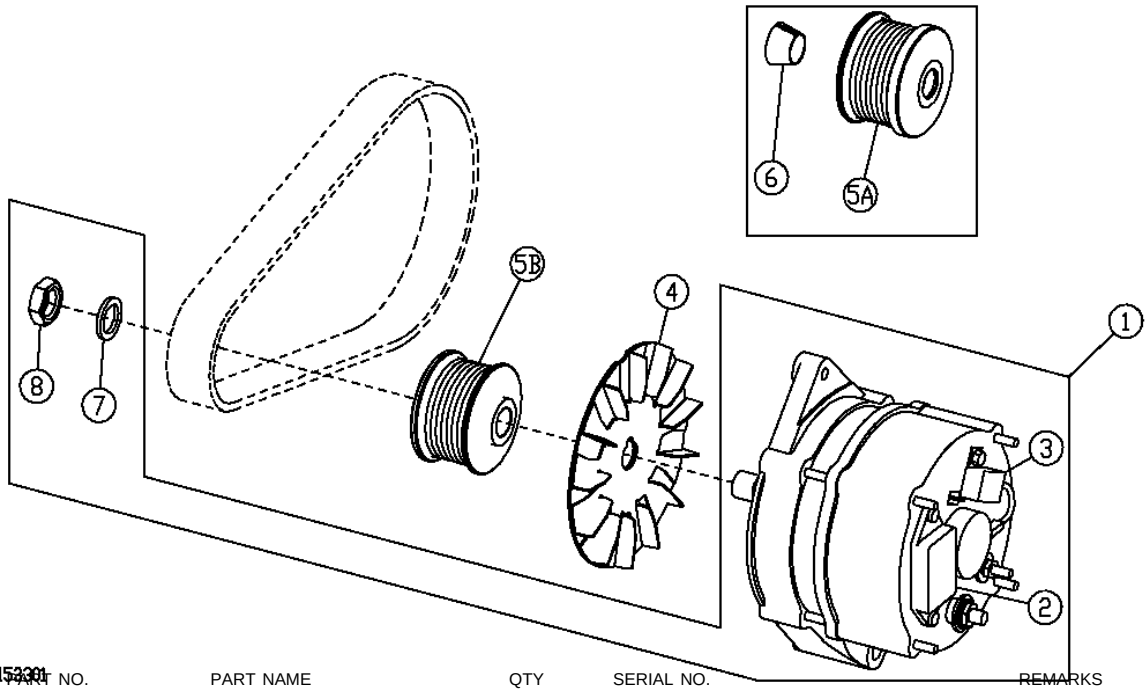
T135476 -UN-15NOV00

T135476

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AT180344	KIT	1		DIESEL ANALYSIS (6 PER PACKAGE)(USED TO VERIFY TYPE, SUITABILITY FOR COLD TEMPERATURE OPERATIONS, CLEANLINESS, WATER CONTENT AND IF FUEL IS WITHIN ASTM SPECIFICATIONS. CHECKS API GRAVITY, VISCOSITY AT 40C, SULFUR, CETANE INDEX, DISTILLATION, CLOUD POINT, POUR POINT AND COLD FILTER PLUGGING POINT.

ALTERNATOR,REGULATOR AND PULLEY

T153301 -UN-02APR02

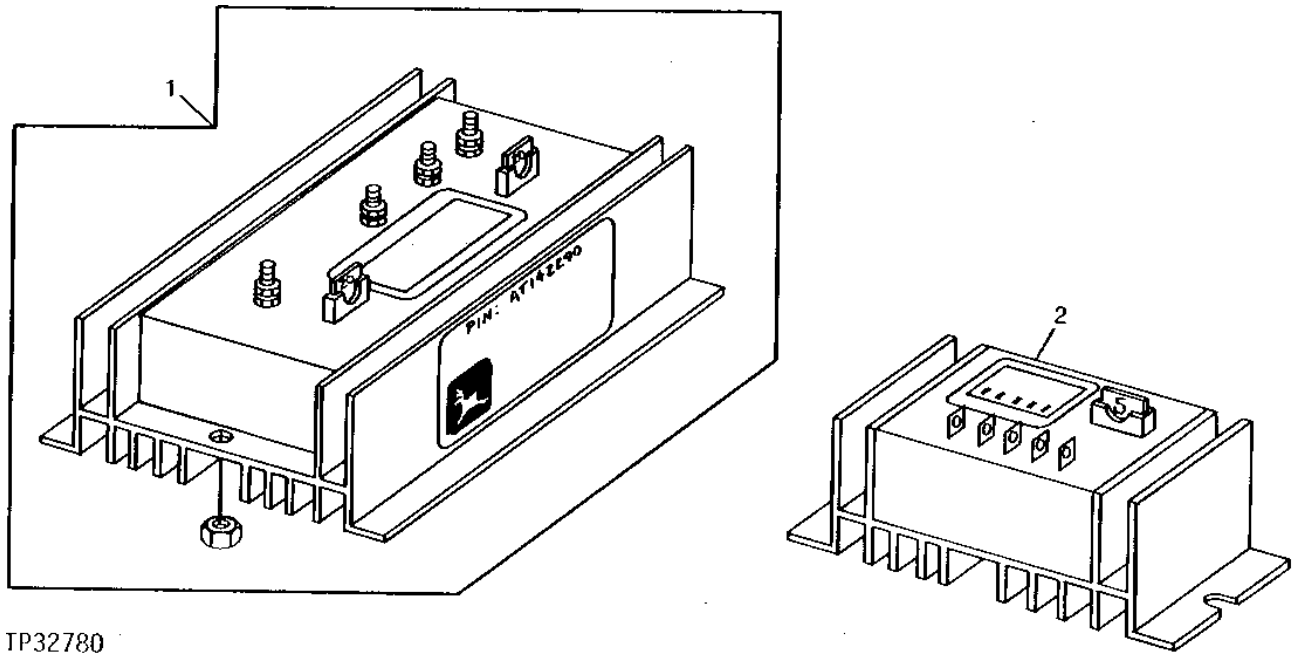


T153301

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	TY24322	ALTERNATOR	1		(SUB FOR AT175195) (SUB FOR AT185696) BOSCH 24-VOLT 45AMP (CONVENIENCE ASSEMBLY) (NEW)
	TY24322	ALTERNATOR	1		BOSCH 24-VOLT 45AMP (REMANUFACTURED)
2	AT163156	REGULATOR	1		
3	H144095	CAPACITOR	1		
4	T158584	FAN	1		
5A	R94350	PULLEY	1	-803970	
5B	R501486	PULLEY	1	803971-	
6	R94351	BUSHING	1	-803970	
7	T10745	WASHER	1		
8	14M7158	NUT	1		M16

CONVERTER
(24-VOLT TO 12-VOLT)

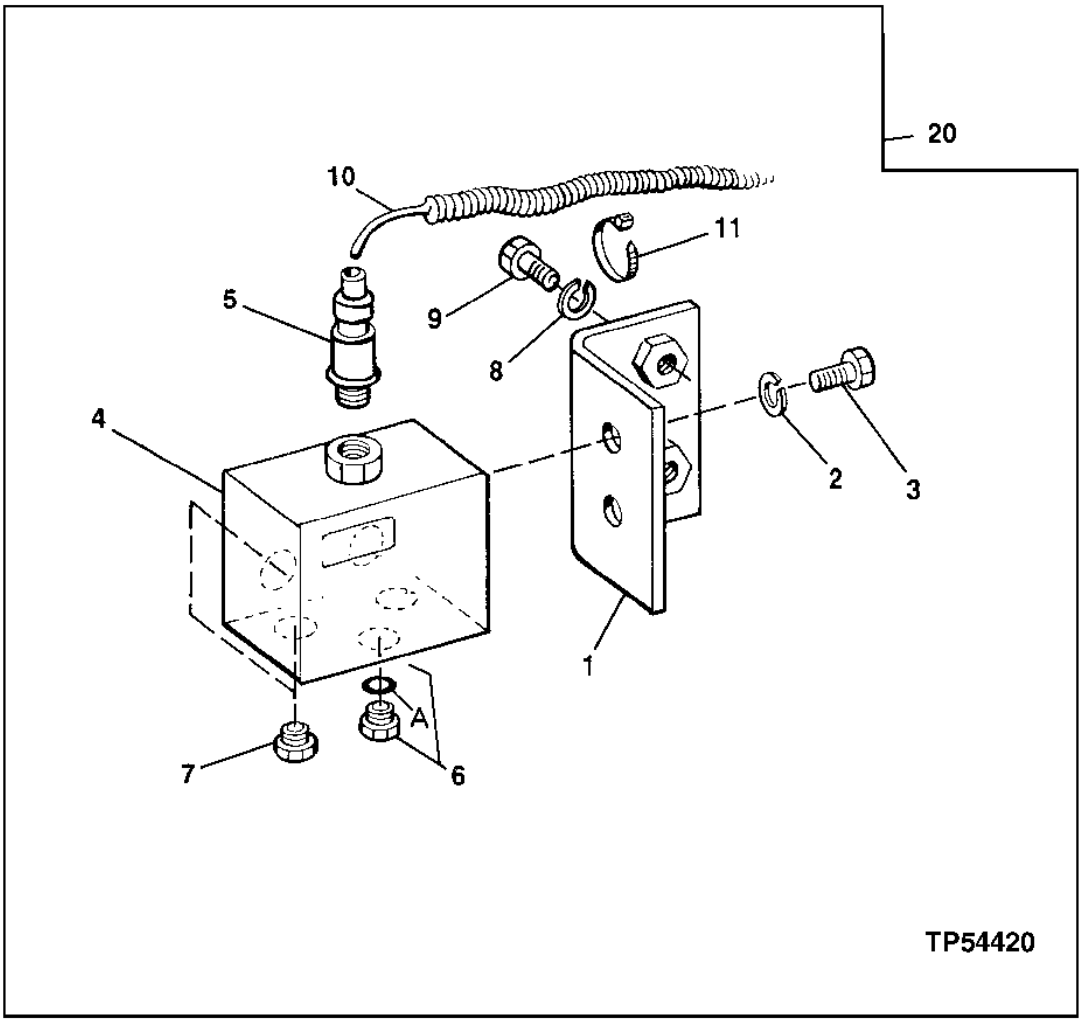
TP32780 -UN-01JAN94



KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AT142288	CONVERTER	1		(10/20 AMP - 24/12 VOLT)
	14H786	NUT	2		1/4", (NOT ILLUSTRATED)
2	AT224893	CONVERTER	1		(SUB FOR AT164676 AND AT223875) (5 AMP - 24/12 VOLT)

ATTACHMENT MODE KIT
(24-VOLT TO 12-VOLT)

TP54420 -UN-20NOV96

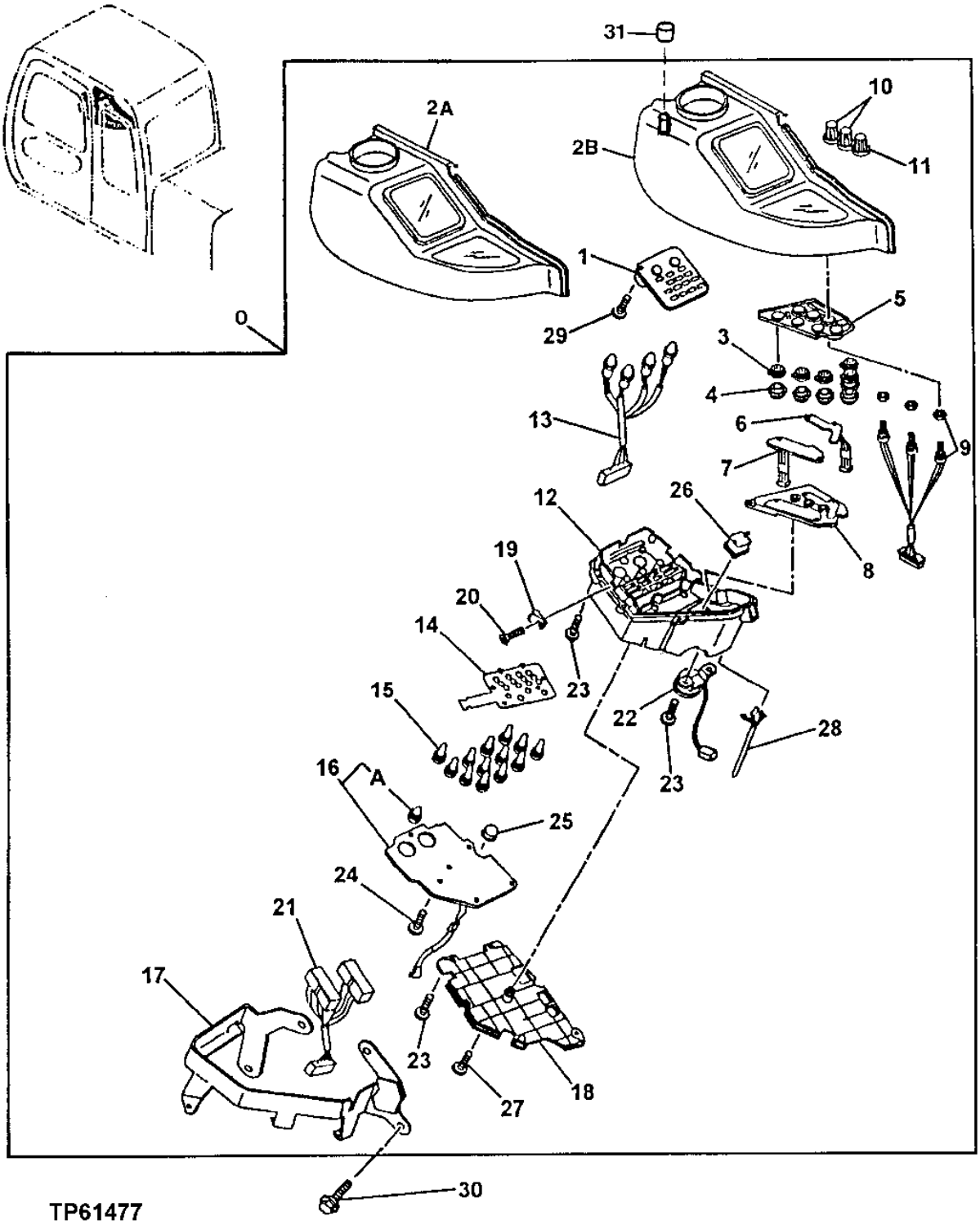


ATTACHMENT MODE KIT

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	9746294	BRACKET	1		(SUB FOR AT179453)
2	12M7056	LOCK WASHER	2		8 MM (0.315") (SUB FOR 12M7065)
3	19M7932	CAP SCREW	2		M8 X 16
4	4330230	FLOW CONTROL HYD. VALVE	1		(SUB FOR AT179454)
5	4333040	SWITCH	1		(SUB FOR AP33668) (SUB FOR AT213846)
6	AT318013	DRAIN PLUG	1		(SUB FOR 4093624) (SUB FOR TH102536)
6A	M800650	PACKING	1		
7	15M7036	DRAIN PLUG	4		(SUB FOR TH109285 OR 0309805)
	CH11570	O-RING	4		13.800 X 2.400 MM (0.543" X 0.094")
8	12M7066	LOCK WASHER	2		10 MM (0.394")
9	19M7662	CAP SCREW	2		M10 X 30
10	4381224	WIRING HARNESS	1		(SUB FOR AT179455)
11	H77698	TIE BAND	3		(USE WHERE NEEDED)
20	AT179452	KIT	1		(USE IF AVAILABLE)

MONITOR

TP61477 -UN-18FEB99

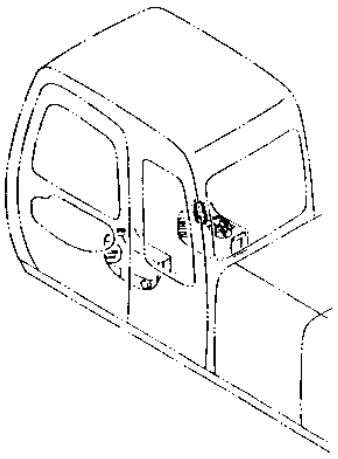


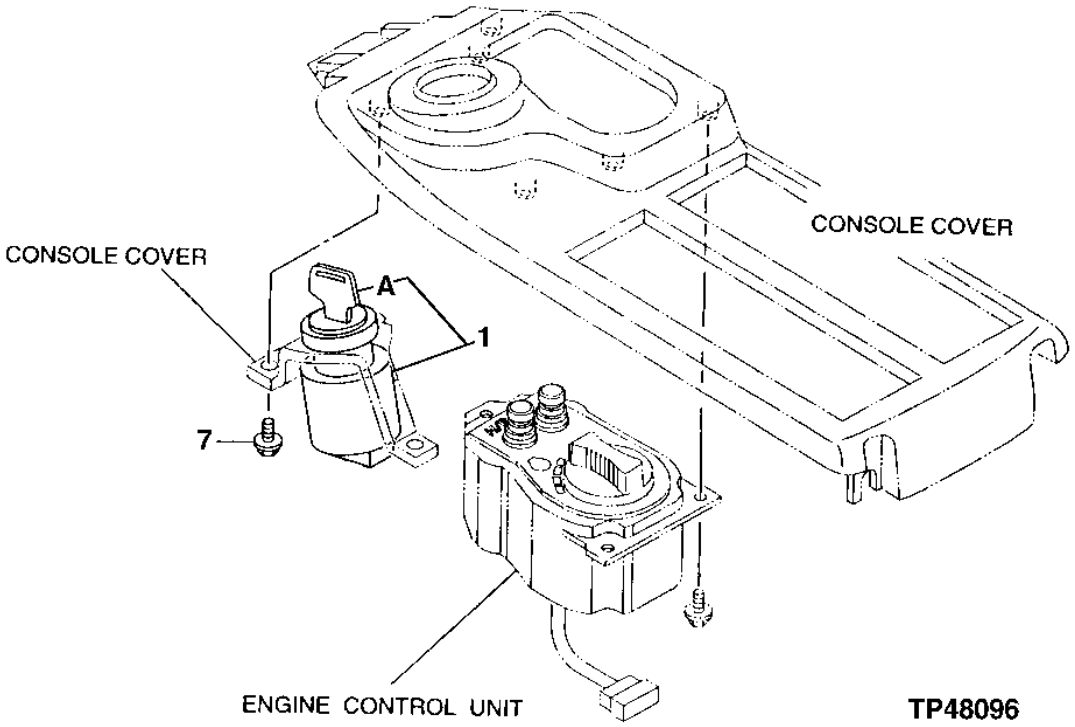
MONITOR

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4209296	GROMMET	1		(SUB FOR AT215554) (USE IF AVAILABLE) (IF AT215554 NOT AVAILABLE, SUB P66462, ALONG WITH AT205712)
	4411760	MONITOR CONSOLE	1		(SUB FOR P66462)
1	4403340	PANEL	1		(SUB FOR AT214176) (SUB FOR AT182498) (WARM UP COMPLETE, FUEL GAUGE, E MODE, AUTO IDLE, HYDRAULIC OIL LEVEL LIGHT, PREHEAT LIGHT, AIR FILTER RESTRICTION INDICATOR LIGHT,FUEL LEVEL LIGHT, OVERHEAT LIGHT, ALTERNATOR LIGHT, ENGINE OIL PRESSURE LIGHT, ENGINE OIL LEVEL LIGHT, COOLANT LEVEL LIGHT, HP MODE, COOLANT TEMPERATURE GAUGE)
2A	4420938	CASE	1		(ALSO ORDER 4209296)
2B	4420938	CASE	1		(SUB FOR AT185756)
3	4370113	PUSH BUTTON	5		(SUB FOR AT214177)
4	4310827	RETAINER	5		(SUB FOR AT213826)
5	4370114	COVER	1		(SUB FOR AT214178)
6	4370115	CIRCUIT BOARD	1		(SUB FOR AT214179) (WARNING BUZZER CANCEL, WORK MODE AND WORK MODE INDICATOR LIGHTS)
7	4370116	CIRCUIT BOARD	1		(SUB FOR AT214180) (LEVEL CHECK, WINDSHIELD WASHER AND AUTO IDLE)
8	4370117	SUPPORT	1		(SUB FOR AT214181) (SWITCH PANEL) (SWITCHES FOR HEADLIGHT, WORK LIGHT, WIPERS AND 2 SPEED PROPEL)
9	4370118	MONITOR WIRING HARNESS	1		(SUB FOR AT214182)
10	4370119	KNOB	2		(SUB FOR AT214183) (WORK LIGHT AND WIPER SWITCHES)
11	4370137	KNOB	1		(SUB FOR AT214184) (TRAVEL MODE SWITCH)
12	4370138	HOUSING	1		(SUB FOR AT214185)
13	4370139	WIRING HARNESS	1		(SUB FOR AT214186) (INDICATION LIGHT) (INCLUDES BULBS FOR HP MODE, E MODE, AUTO IDLE MODE, AND WARM UP INDICATOR)
14	4370140	CIRCUIT BOARD	1		(SUB FOR AT214187) (RIBBON CIRCUIT) (FOR INDICATOR LIGHTS)
15	4370141	LAMP	13		(SUB FOR AT214188) (INDICATOR)
16	4370142	CIRCUIT BOARD	1		(SUB FOR AT214189) (MONITOR CONTROLLER)
16A	4370141	LAMP	1		(SUB FOR AT214188)
17	4370144	BRACKET	1		(SUB FOR AT214191)
18	4370145	COVER	1		(SUB FOR AT214192)
19	4370146	NUT	2		(SUB FOR AT214193)
20	4370147	SCREW	2		(SUB FOR AT214194)
21	4370148	WIRING HARNESS	1		(SUB FOR AT214195) (INCLUDES TWO RESISTORS FOR FUEL GAUGE AND COOLANT TEMPERATURE GAUGE)
22	4370149	AUDIBLE WARNING ALARM	1		(SUB FOR AT214196)
23	4294999	SCREW	19		(SUB FOR AT213817)
24	4370154	SET SCREW	6		(SUB FOR AT214201)
25	.....	CAP	1		
26	.....	CAP	1		
27	4297101	SCREW	1		(SUB FOR AT155616)
28	4370155	CLAMP	1		(SUB FOR AT214202)
29	4370156	SET SCREW	1		(SUB FOR AT214203)
30	19M7932	CAP SCREW	4		M8 X 16
	12M7056	LOCK WASHER	4		8 MM (0.315") (SUB FOR 12M7065)
31	4209296	GROMMET	1		(SUB FOR AT205712)

ELECTRIC PARTS

TP48096 -UN-12AUG96



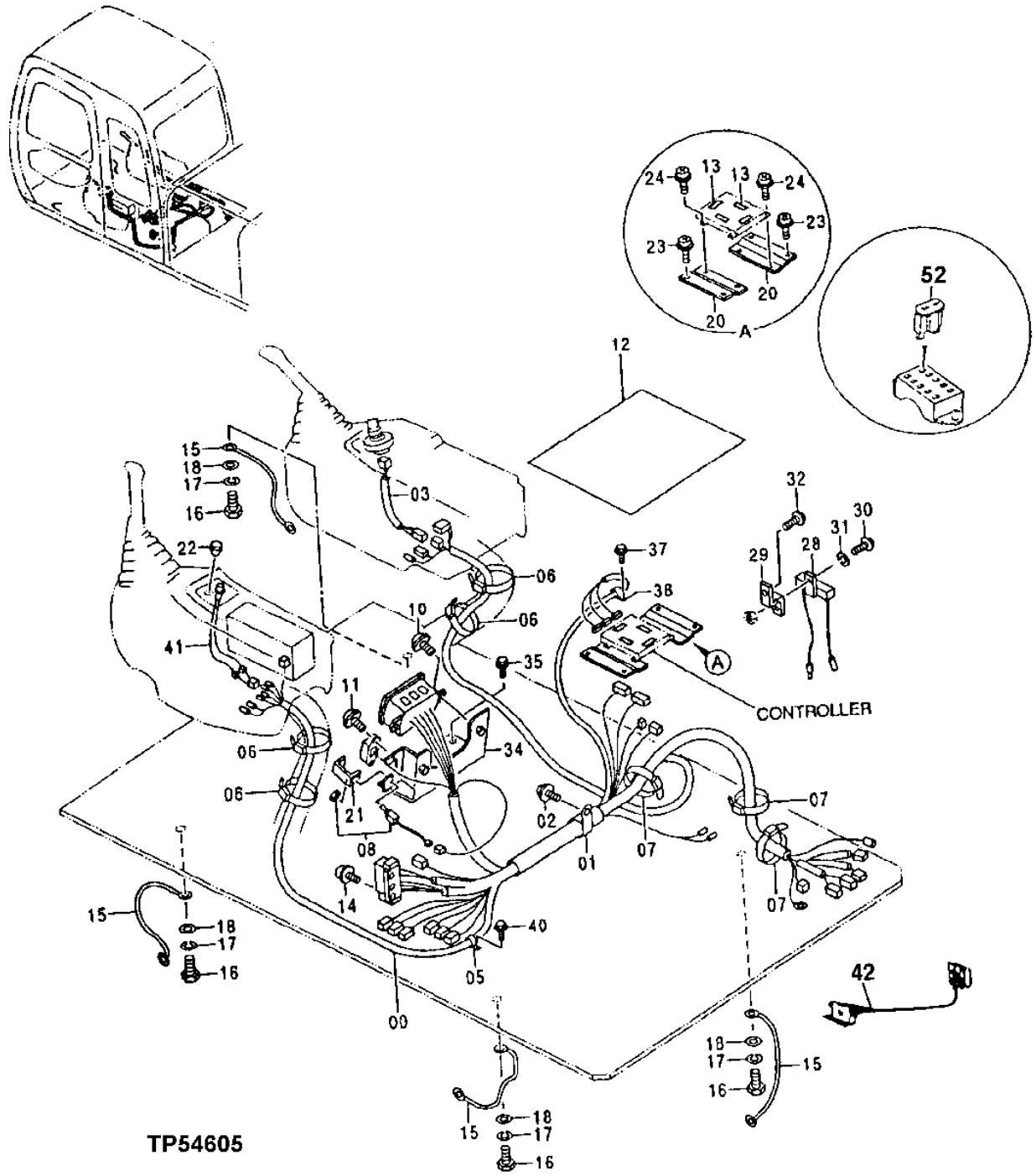


ELECTRIC PARTS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	4477373	SWITCH	1		(SUB FOR AT215939 OR AT154992)
1A	AT194969	KEY	1		(SUB FOR AT147803)
7	21M7265	SCREW	3		M5 X 12
	24M7027	WASHER	3		5.300 X 10 X 1 MM (0.209" X 0.394" X 0.039")
	12M7064	LOCK WASHER	3		5 MM (0.197")

ELECTRIC PARTS

TP54605 -UN-17APR97

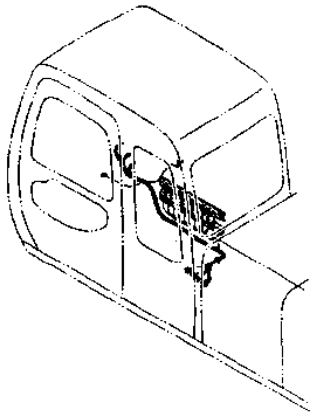


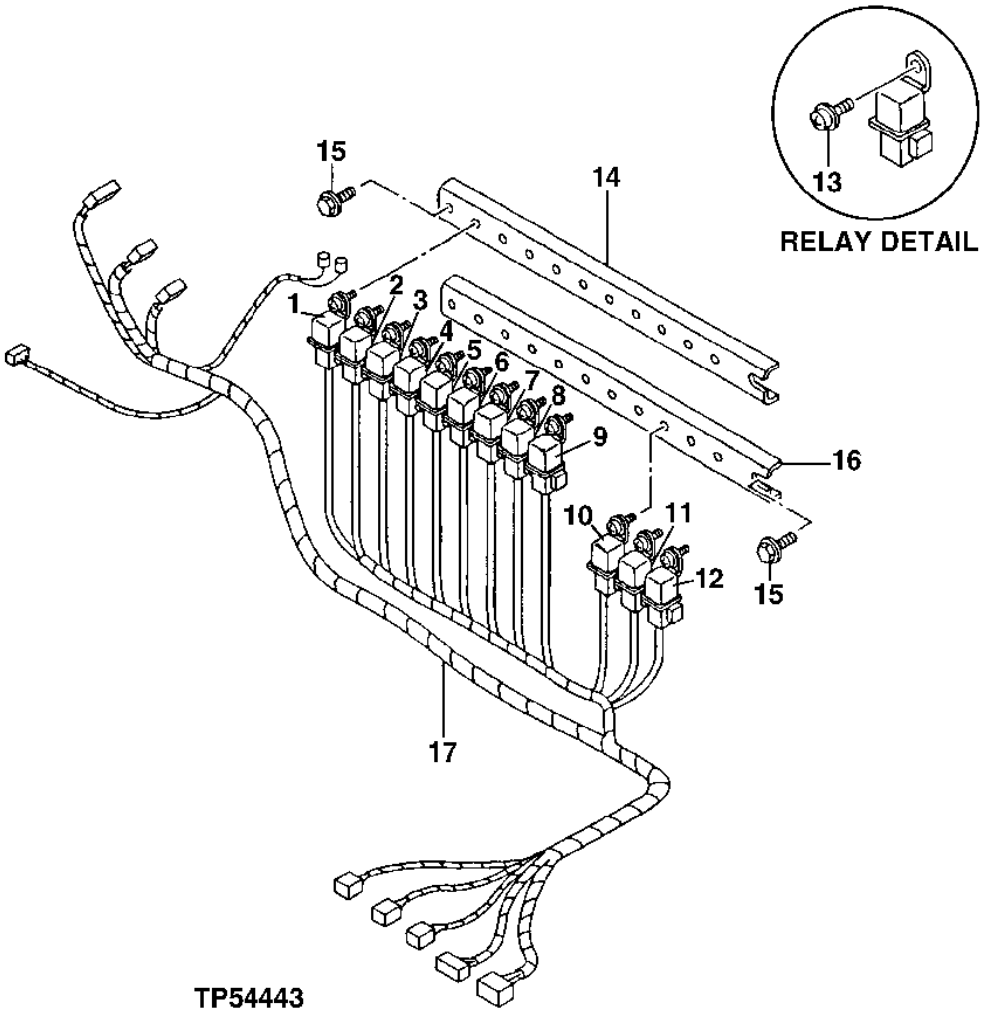
ELECTRIC PARTS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	0002289	WIRING HARNESS	1		(SUB FOR AT215475) (CAB)
1	4190265	CLIP	1		(SUB FOR TH109598)
2	19M7402	CAP SCREW	1		M10 X 25
	12M7066	LOCK WASHER	1		10 MM (0.394")
3	4277927	WIRING HARNESS	1		(SUB FOR AT154955) (STARTER SWITCH)
5	4190275	CLIP	1		(SUB FOR TH108598)
6	H77698	TIE BAND	4		
7	H77698	TIE BAND	3		
8	4359384	SWITCH	1		(SUB FOR AT213984)
10	19M7077	CAP SCREW	2		M6 X 20
	24M7293	WASHER	2		6.500 X 13 X 1.600 MM (0.256" X 0.512" X 0.063")
	12M7006	LOCK WASHER	2		6 MM (0.236")
11	J460310	SCREW	2		(SUB FOR AT156974)
12	3075379	COVER	1		(SUB FOR AT213792)
13	4365396	TAPE	4		(SUB FOR AT214022)
14	J460620	SCREW WITH WASHER	2		(SUB FOR AT200012)
15	.....	WIRING HARNESS	4		(FLOOR PLATE TO GROUND) (NOT AVAILABLE FOR SERVICE)
16	19M8324	CAP SCREW	4		M10 X 16
17	12M7066	LOCK WASHER	4		10 MM (0.394")
18	24M7028	WASHER	4		10.500 X 20 X 2 MM (0.413" X 0.787" X 0.079")
20	9745785	BRACKET	2		(SUB FOR AT214408)
21	4367375	BRACKET	1		(SUB FOR AT214036)
22	4294437	CAP	1		(SUB FOR AT215503)
23	J450616	SCREW	4		(SUB FOR AT161039)
24	J460625	SCREW WITH WASHER	4		(SUB FOR AT213607)
28	4191772	RESISTOR	1		(SUB FOR AT155250) (EXITATION)
29	4379070	STRAP	1		(SUB FOR AT215559)
30	4204811	SCREW	1		(SUB FOR AT155253)
31	12H315	LOCK WASHER	1		4.166 MM (0.164") (SUB FOR 12M7063)
32	21M7246	SCREW	1		M6 X 16
	12M7006	LOCK WASHER	1		6 MM (0.236")
	24M7105	WASHER	1		6 X 12 X 1.600 MM (0.236" X 0.472" X 0.063")
34	8060885	BRACKET	1		(SUB FOR AT215998)
35	19M7139	CAP SCREW	2		M8 X 20
	12M7056	LOCK WASHER	2		8 MM (0.315") (SUB FOR 12M7065)
	24M7055	WASHER	2		8.400 X 16 X 1.600 MM (0.331" X 0.630" X 0.063")
37	19M8425	CAP SCREW	1		M6 X 16
	12M7006	LOCK WASHER	1		6 MM (0.236")
	24M7054	WASHER	1		6.400 X 12 X 1.600 MM (0.252" X 0.472" X 0.063")
38	4289217	CLIP	1		(SUB FOR AT215502)
40	19M7402	CAP SCREW	1		M10 X 25
	12M7066	LOCK WASHER	1		10 MM (0.394")
	24M7028	WASHER	1		10.500 X 20 X 2 MM (0.413" X 0.787" X 0.079")
41	2037304	WIRING HARNESS	1		(SUB FOR AT213738)
42	AT179050	WIRING HARNESS	1		(9 FT. EXTENSION) (TO CAB CONNECTOR)
	AT179051	WIRING HARNESS	1		(15 FT. EXTENSION) (TO CAB CONNECTOR)
52	57M7329	FUSE	6		1 AMP, (BLACK)
	57M7125	FUSE	8		5 AMP, (TAN)
	57M7121	FUSE	3		10 AMP, (RED)
	57M7120	FUSE	2		20 AMP, (YELLOW)

ELECTRIC PARTS

TP54443 -UN-08JAN97



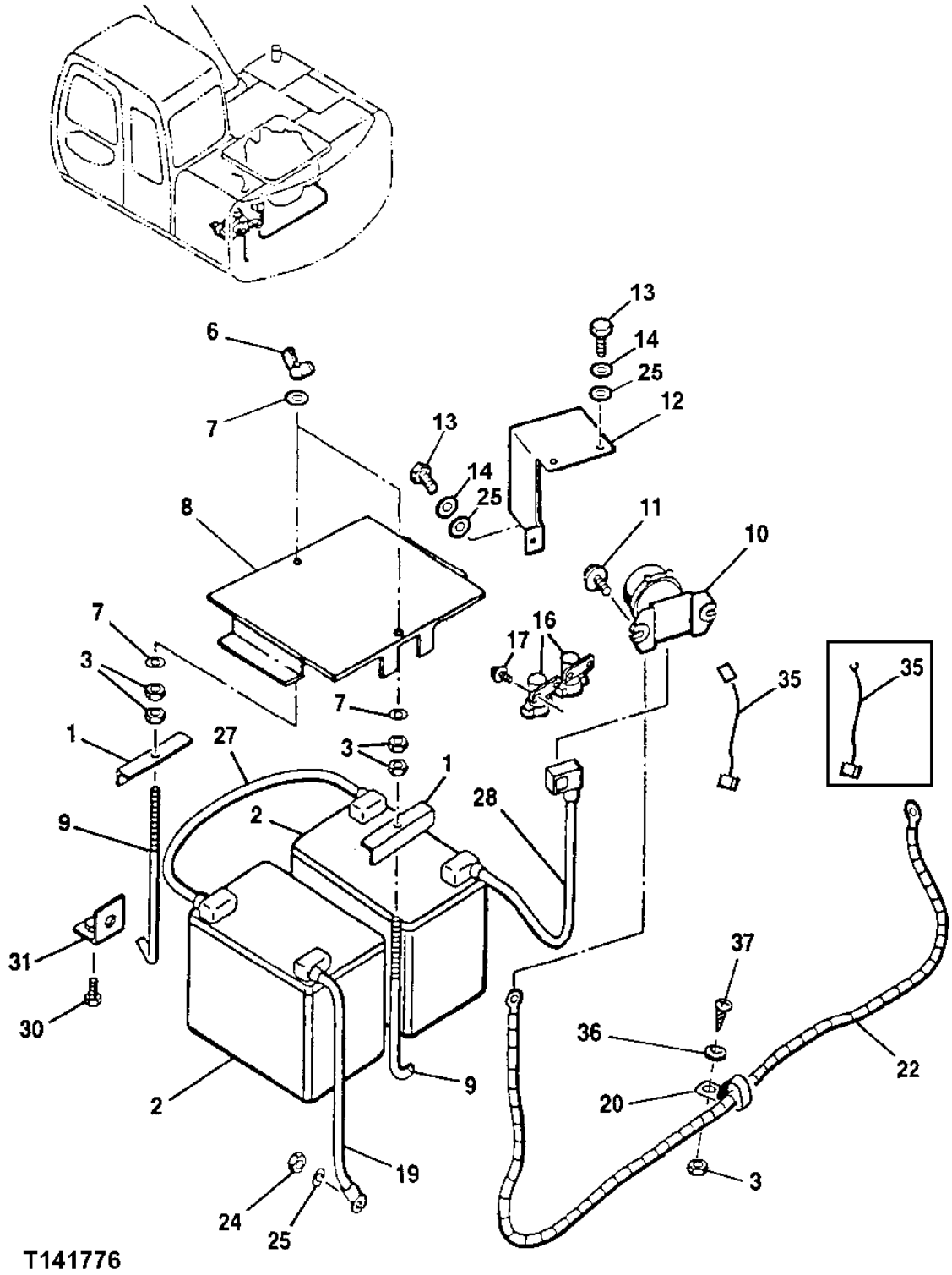


ELECTRIC PARTS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	4251588	RELAY	1		(SUB FOR AT154924) (WIPER)
2	4251588	RELAY	1		(SUB FOR AT154924) (WIPER)
3	4251588	RELAY	1		(SUB FOR AT154924) (WIPER)
4	4251588	RELAY	1		(SUB FOR AT154924) (WIPER)
5	4251588	RELAY	1		(SUB FOR AT154924) (HORN)
6	4251588	RELAY	1		(SUB FOR AT154924) (WORK LIGHT)
7	4251588	RELAY	1		(SUB FOR AT154924) (WORK LIGHT)
8	4251588	RELAY	1		(SUB FOR AT154924) (WINDSHIELD WASHER)
9	4251588	RELAY	1		(SUB FOR AT154924) (LOAD DUMP)
10	4251588	RELAY	1		(SUB FOR AT154924) (TRAVEL ALARM)
11	4251588	RELAY	1		(SUB FOR AT154924) (SAFETY)
12	4251588	RELAY	1		(SUB FOR AT154924) (START AID)
13	J900614	BOLT	12		(SUB FOR TH104056)
	24M7293	WASHER	12		6.500 X 13 X 1.600 MM (0.256" X 0.512" X 0.063")
	12M7006	LOCK WASHER	12		6 MM (0.236")
14	8073968	BRACKET	1		(SUB FOR AT214372) (SUB FOR AT214362)
15	12M7056	LOCK WASHER	4		8 MM (0.315") (SUB FOR 12M7065)
	19M7932	CAP SCREW	4		M8 X 16, (SUB FOR 19M7162)
	24H1136	WASHER	4		8.738 X 17.475 X 1.651 MM (11/32" X 11/16" X 0.065")
16	8073968	BRACKET	1		(SUB FOR AT214372) (SUB FOR AT214362)
17	0002290	WIRING HARNESS	1		(SUB FOR AT215083)

ELECTRIC PARTS

T141776 -UN-23APR01

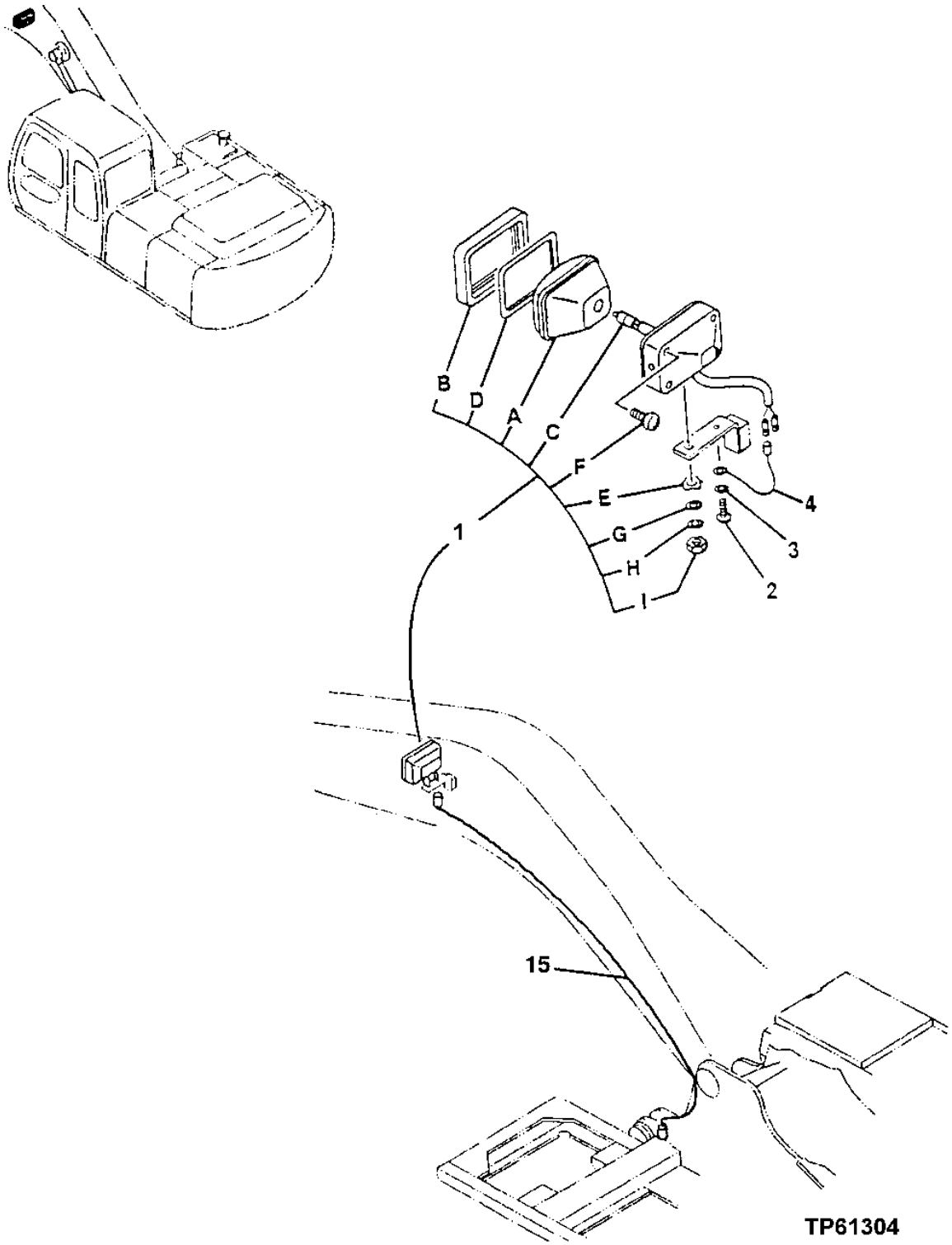


ELECTRIC PARTS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	4257035	ANGLE	2		(SUB FOR AT200425)
2	TY25803	DRY CHARGED BATTERY	2		(SUB FOR AP33466, AT174338 OR TY21766)
3	14M7274	NUT	5		M10
6	14M7025	WING NUT	2		M10
7	24M7028	WASHER	4		10.500 X 20 X 2 MM (0.413" X 0.787" X 0.079")
8	DH800107	COVER	1		(SUB FOR P60923)
9	4257034	HOOK BOLT	2		(SUB FOR AT155273)
10	4255762	RELAY	1		(SUB FOR AT154229) (BATTERY)
11	19M7513	CAP SCREW	2		M8 X 30, (SUB FOR 19M7288)
	12M7056	LOCK WASHER	2		8 MM (0.315") (SUB FOR 12M7065)
	24M7055	WASHER	2		8.400 X 16 X 1.600 MM (0.331" X 0.630" X 0.063")
12	3056019	COVER	1		(SUB FOR AT154139)
13	19M7932	CAP SCREW	3		M8 X 16
14	24M7055	WASHER	3		8.400 X 16 X 1.600 MM (0.331" X 0.630" X 0.063")
16	AT145341	RELAY	2		(1-STARTER, 1-FUEL SHUT-OFF)
17	19M7077	CAP SCREW	4		M6 X 20
	12M7006	LOCK WASHER	4		6 MM (0.236")
	24M7293	WASHER	4		6.500 X 13 X 1.600 MM (0.256" X 0.512" X 0.063")
19	AR45925	BATTERY CABLE	1		482.600 MM (19") (BATTERY TO GROUND)
20	4190273	CLIP	1		(SUB FOR TH108460)
22	4373214	WIRING HARNESS	1		(SUB FOR AP34529)
24	14M7274	NUT	1		M10
25	12M7066	LOCK WASHER	4		10 MM (0.394")
27	AP33487	WIRING HARNESS	1		
28	AP33486	WIRING HARNESS	1		
30	19M7402	CAP SCREW	1		M10 X 25
	12M7066	LOCK WASHER	1		10 MM (0.394")
	24M7028	WASHER	1		10.500 X 20 X 2 MM (0.413" X 0.787" X 0.079")
31	AP33477	BRACKET	1		
35	4448296	WIRING HARNESS	1		(SUB FOR AT155617) (STARTER)
36	24M7028	WASHER	1		10.500 X 20 X 2 MM (0.413" X 0.787" X 0.079")
37	19M7938	CAP SCREW	1		M10 X 20

ELECTRIC PARTS

TP61304 -UN-25SEP98

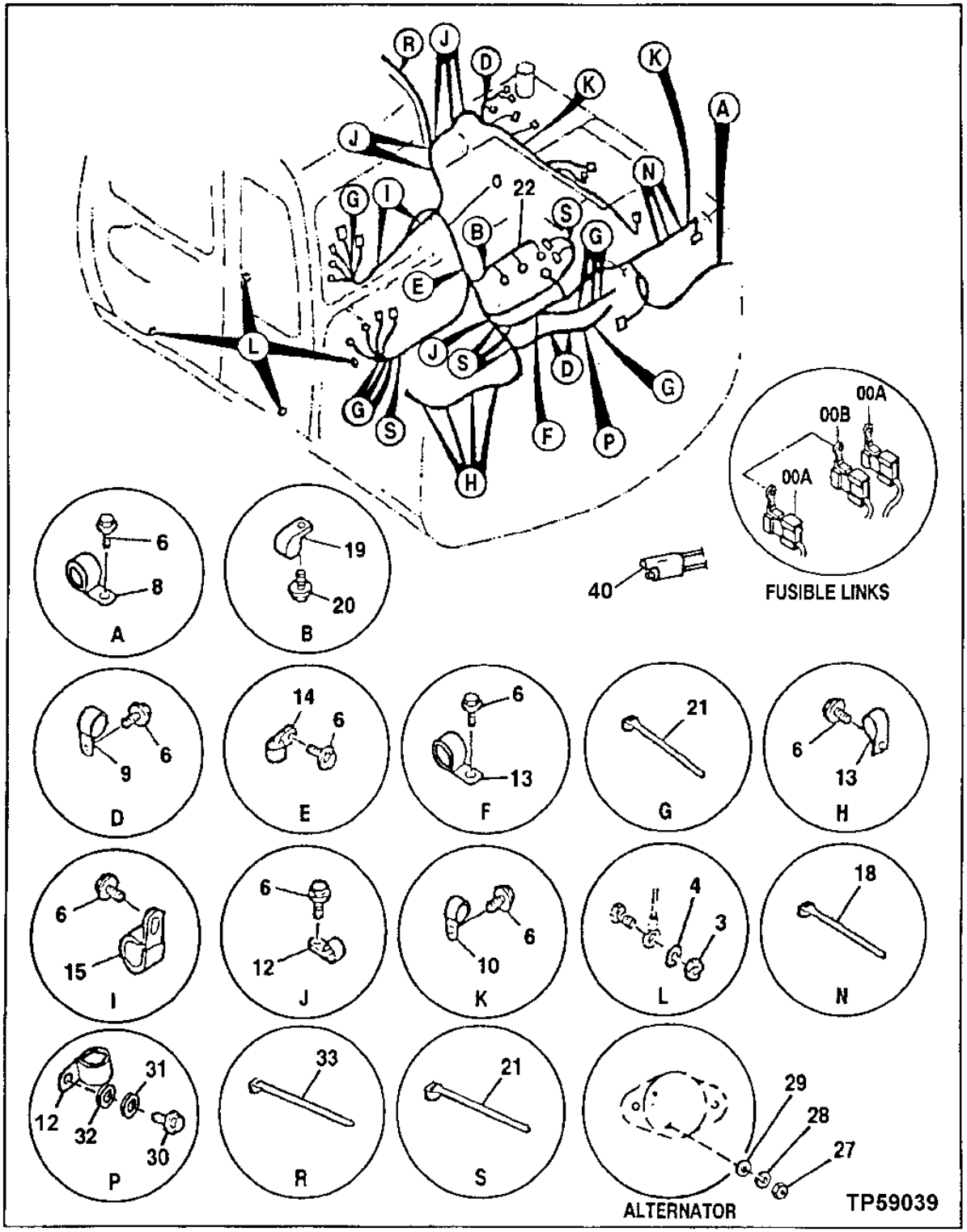


ELECTRIC PARTS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AT165110	LAMP	1		
1A	.....	LENS	1		
1B	.....	FRAME	1		
1C	AT135758	BULB	1		
1D	.....	GASKET	1		
1E	4307026	WASHER	1		(SUB FOR T144361)
1F	4307027	SCREW	1		(SUB FOR T144362)
1G	24M7085	WASHER	1		15 X 28 X 2.500 MM (0.591" X 1.102" X 0.098")
1H	12H317	LOCK WASHER	1		14.288 MM (9/16")
1I	J952014	NUT	1		(SUB FOR TH103791)
2	21M7285	SCREW	1		M6 X 12
3	12M7006	LOCK WASHER	1		6 MM (0.236")
4	4254604	WIRING HARNESS	1		(SUB FOR AT154214)
15	4261622	WIRING HARNESS	1		(SUB FOR AT154283)

ELECTRIC PARTS

TP59039 -UN-20APR98

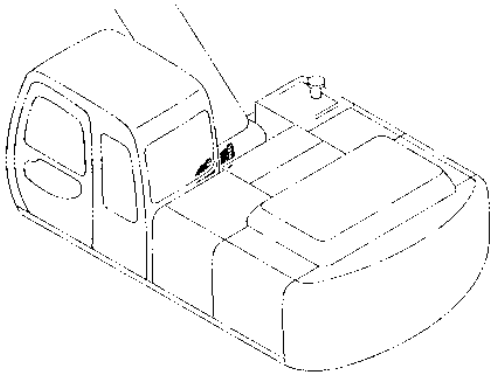


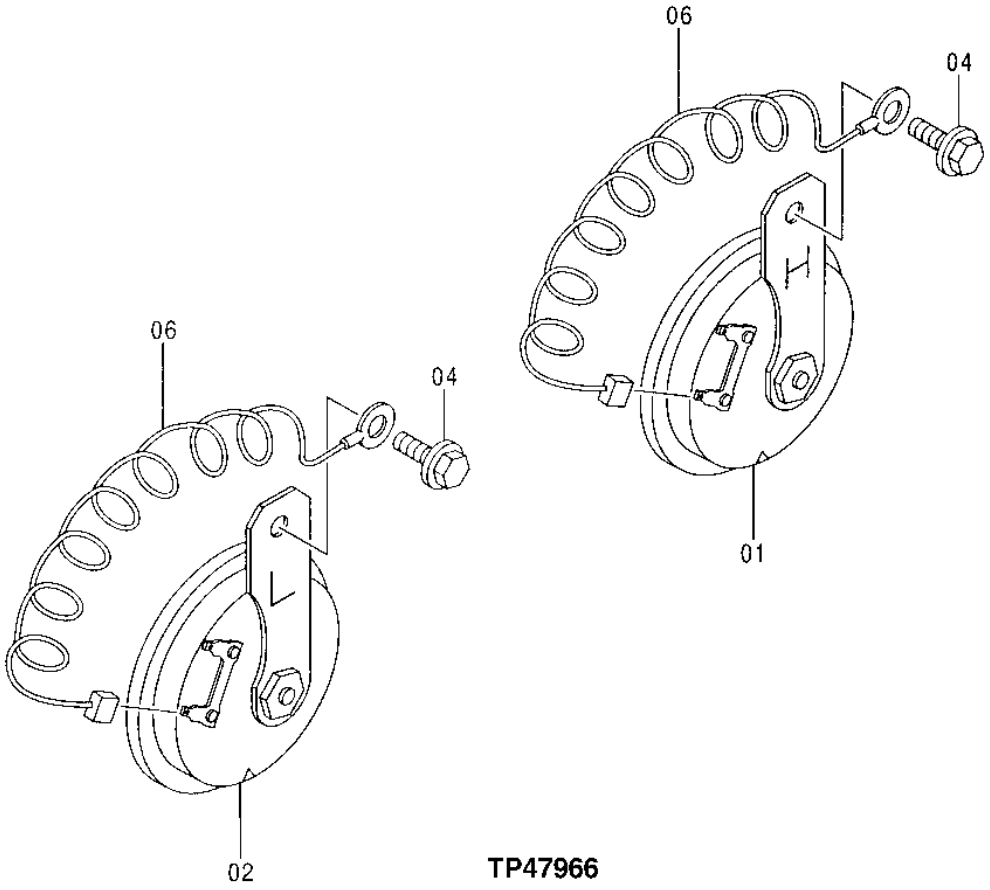
ELECTRIC PARTS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	0002610	WIRING HARNESS	1		(SUB FOR AP34620)
	AT167165	WIRING HARNESS	2		(AUXILIARY SOLENOID CONTROL VALVE)
0A	4270554	FUSE	2		(SUB FOR AT160982) (FUSIBLE LINK - 40 AMP - GREEN)
0B	4287670	FUSE	1		(SUB FOR AT200499) (FUSIBLE LINK - 60 AMP - YELLOW)
0C	4374532	DIODE	1		(SUB FOR AT179476) (NOT ILLUSTRATED) (COMPONENT OF MAIN WIRE HARNESS) (PLASTIC CONNECTOR CONTAINS 5 DIODES) (1-KEY SWITCH, 1-SWING STOP CUSHION SOLENOID, 1-GRIP SOLENOID, 1-FUEL SHUTOFF SOLENOID, 1-OPTIONAL EQUIPMENT)
2	T153974	CLAMP	1		(SUB FOR TH108597, THIS APPLICATION)
3	14M7274	NUT	4		M10
4	12M7066	LOCK WASHER	30		10 MM (0.394")
6	19M7938	CAP SCREW	25		M10 X 20
8	4190261	CLIP	1		(SUB FOR TH108600, THIS APPLICATION) (SUB FOR TH109649)
9	4190273	CLIP	5		(SUB FOR TH108460)
10	4190275	CLIP	2		(SUB FOR TH108598)
12	4190253	CLIP	6		(SUB FOR TH108597)
13	4190266	CLIP	7		(SUB FOR AH77869, THIS APPLICATION) (SUB FOR TH108793)
14	4192035	CLIP	1		(SUB FOR TH108459)
15	AT121321	HOSE CLAMP	3		
16	4336420	CLIP	3		(SUB FOR P61786)
17	4235654	CLIP	1		(SUB FOR AT122384)
18	H77698	TIE BAND	3		
19	4000860	CLAMP	1		(SUB FOR AT154911)
20	19M8425	CAP SCREW	1		M6 X 16
	12M7006	LOCK WASHER	1		6 MM (0.236")
21	H77698	TIE BAND	12		
22	4448296	WIRING HARNESS	1		(SUB FOR AT155617)
27	14M7297	NUT	1		M5
28	12M7064	LOCK WASHER	1		5 MM (0.197")
29	24M7027	WASHER	1		5.300 X 10 X 1 MM (0.209" X 0.394" X 0.039")
30	19M7877	CAP SCREW	1		(SUB FOR P64278)
31	24M7085	WASHER	1		15 X 28 X 2.500 MM (0.591" X 1.102" X 0.098")
32	12H317	LOCK WASHER	1		14.288 MM (9/16")
33	H141406	TIE BAND	1		
40	AT172578	WIRING HARNESS	1		(DIODE) (USEDTO PROTECT AGAINST VOLTAGE SPIKES)

HORN

TP47966 -UN-21MAY96





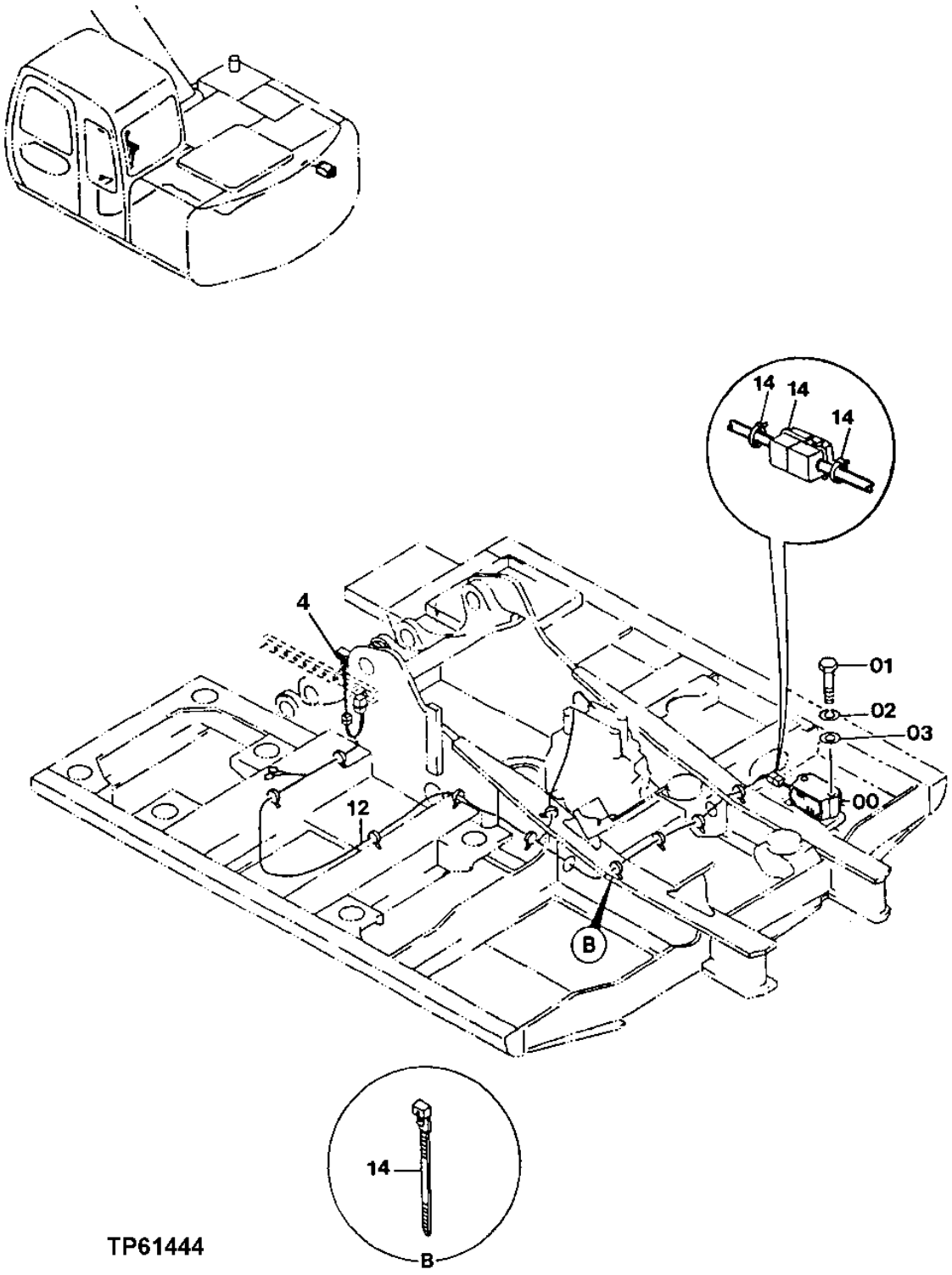
TP47966

HORN

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AT64237	HORN	1		
2	AT64237	HORN	1		
4	12M7056	LOCK WASHER	2		8 MM (0.315") (SUB FOR 12M7065)
	19M7407	CAP SCREW	2		M8 X 25
	24M7055	WASHER	2		8.400 X 16 X 1.600 MM (0.331" X 0.630" X 0.063")
6	4254603	WIRING HARNESS	2		(SUB FOR AT154213)

TRAVEL MOTION ALARM

TP61444 -UN-14JAN99

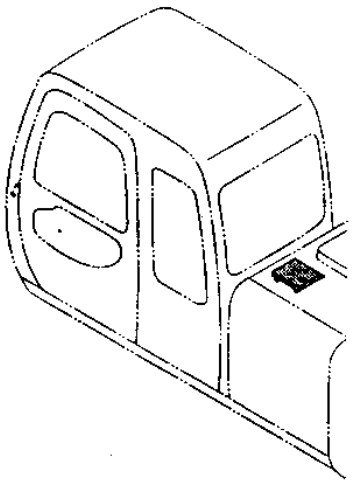


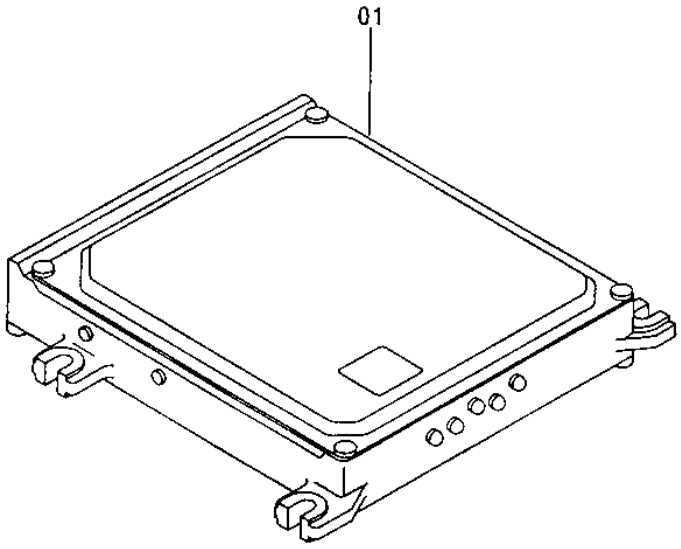
TRAVEL MOTION ALARM

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	AT301074	ALARM SYSTEM	1		(SUB FOR AT154966, 4283028) (PROPEL)
1	19M8456	CAP SCREW	2		M8 X 100
2	12M7056	LOCK WASHER	2		8 MM (0.315") (SUB FOR 12M7065)
3	24M7055	WASHER	2		8.400 X 16 X 1.600 MM (0.331" X 0.630" X 0.063")
4	4384758	SWITCH	1		(TRAVEL MOTION ALARM)
12	2039354	WIRING HARNESS	1		(SUB FOR AP34883)
14	H77698	TIE BAND	15		

CONTROLLER

TP58873 -UN-23DEC97





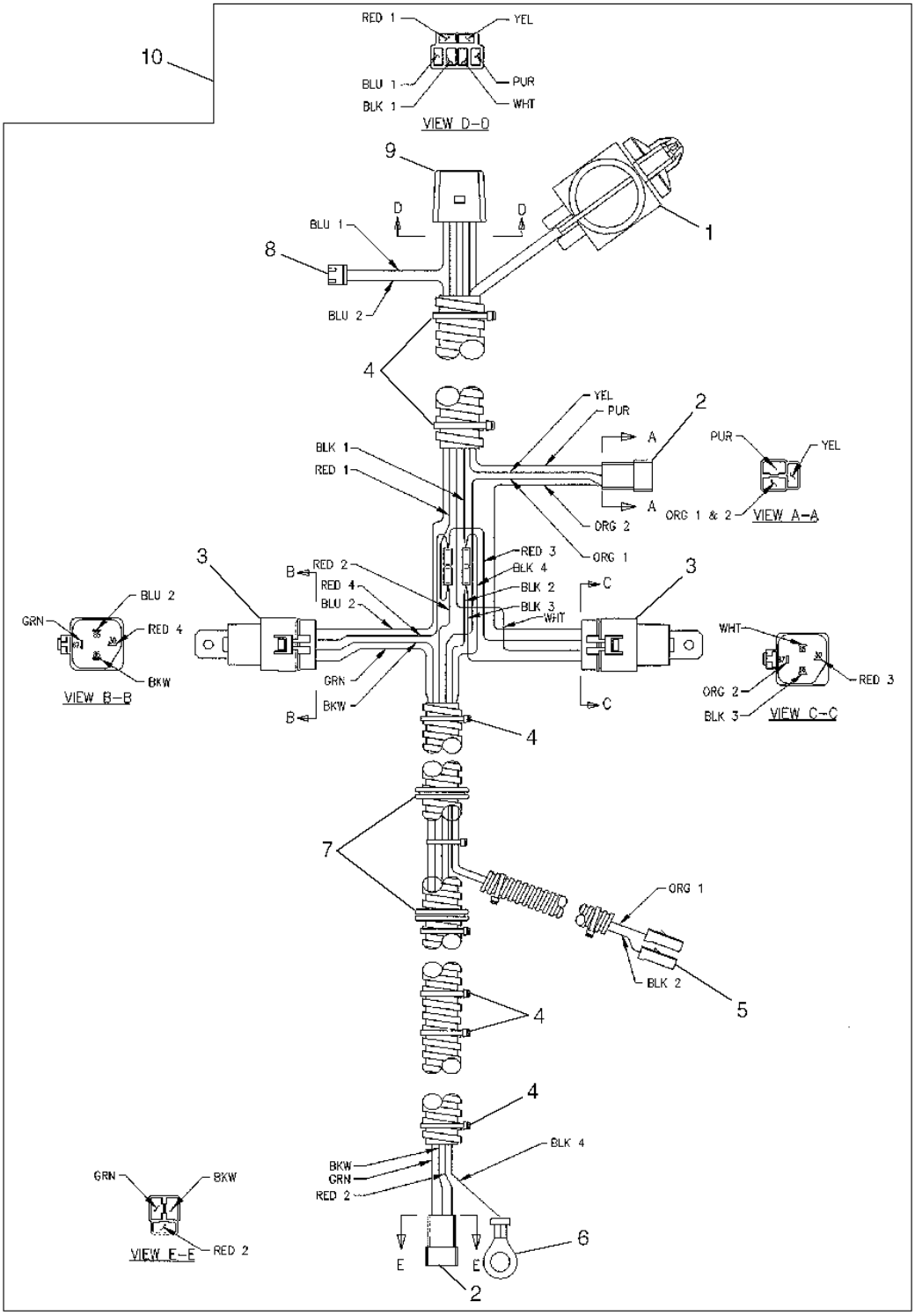
TP58873

CONTROLLER

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	4377645	PUMP/VALVE CONTROLLER	1		(SUB FOR AT218392)

AIR CONDITIONING UNIT WIRING HARNESS

TP81081 -UN-08AUG00



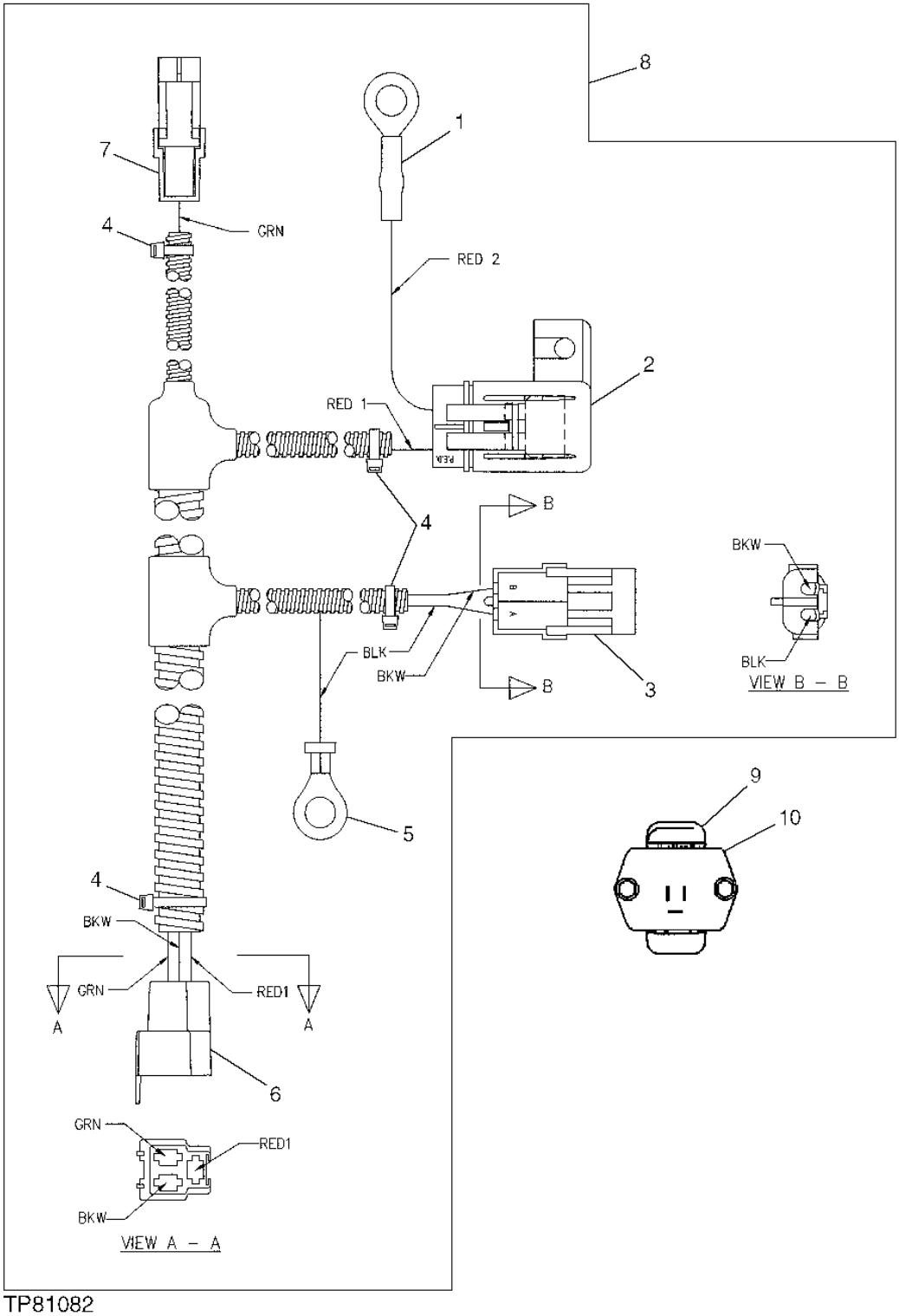
TP81081

AIR CONDITIONING UNIT WIRING HARNESS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AT262565	THERMOSTAT	1		
2	.....	RECEPTACLE CONNECTOR BODY	2		THREE WIRE
3	.....	RECEPTACLE CONNECTOR BODY	2		FOUR WIRE
4	.....	TIE BAND	AR		
5	.....	TAB CONNECTOR BODY	1		TWO WIRE
6	.....	TERMINAL	1		SINGLE WIRE
7	.....	GROMMET	2		
8	.....	RECEPTACLE CONNECTOR BODY	1		TWO WIRE
9	.....	RECEPTACLE CONNECTOR BODY	1		SIX WIRE
10	AT262544	WIRING HARNESS	1		

CHASSIS WIRING HARNESS, AIR CONDITIONING UNIT

TP81082 -UN-08AUG00



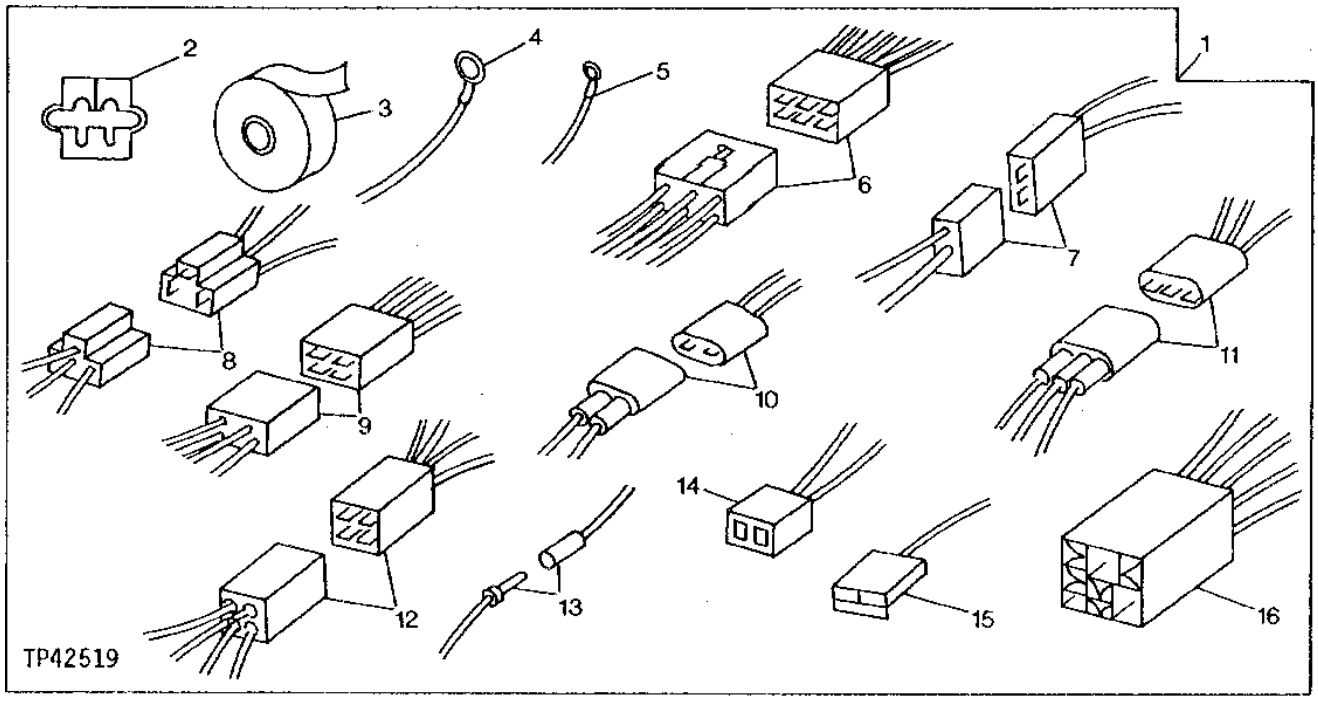
TP81082

CHASSIS WIRING HARNESS, AIR CONDITIONING UNIT

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	.....	TERMINAL	1		INSULATED
2	.....	FUSE	1		15 AMP
3	.....	RECEPTACLE CONNECTOR BODY	1		TWO WIRE
4	.....	TIE BAND	AR		
5	.....	TERMINAL	1		UNINSULATED
6	.....	RECEPTACLE CONNECTOR BODY	1		THREE WIRE
7	.....	RECEPTACLE CONNECTOR BODY	1		SINGLE WIRE
8	AT262553	WIRING HARNESS	1		
9	AT262538	GUARD	1		
10	AT262539	RESISTOR	1		

WIRING HARNESS KIT

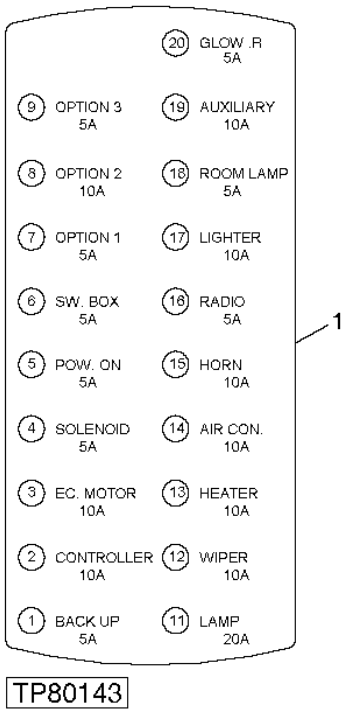
TP42519 -UN-01JAN94



KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	4369817	ELECTRICAL CONNECTOR ASSY	1		(SUB FOR AT160368)
2	.....	CONNECTOR	100		
3	.....	TAPE	1		(BLACK)
4	.....	EYELET	2		
5	.....	EYELET	2		
6	.....	CONNECTOR	1		(6 WIRES)
7	.....	CONNECTOR	1		(2 WIRES)
8	.....	CONNECTOR	1		(3 WIRES)
9	.....	CONNECTOR	1		(4 WIRES)
10	.....	CONNECTOR	4		(2 WIRES)
11	.....	CONNECTOR	2		(3 WIRES)
12	.....	CONNECTOR	1		(4 WIRES)
13	.....	CONNECTOR	2		(BULLET)
14	.....	CONNECTOR	3		
15	.....	CONNECTOR	2		
16	.....	CONNECTOR	2		(5 WIRES)

FUSE BOX COVER

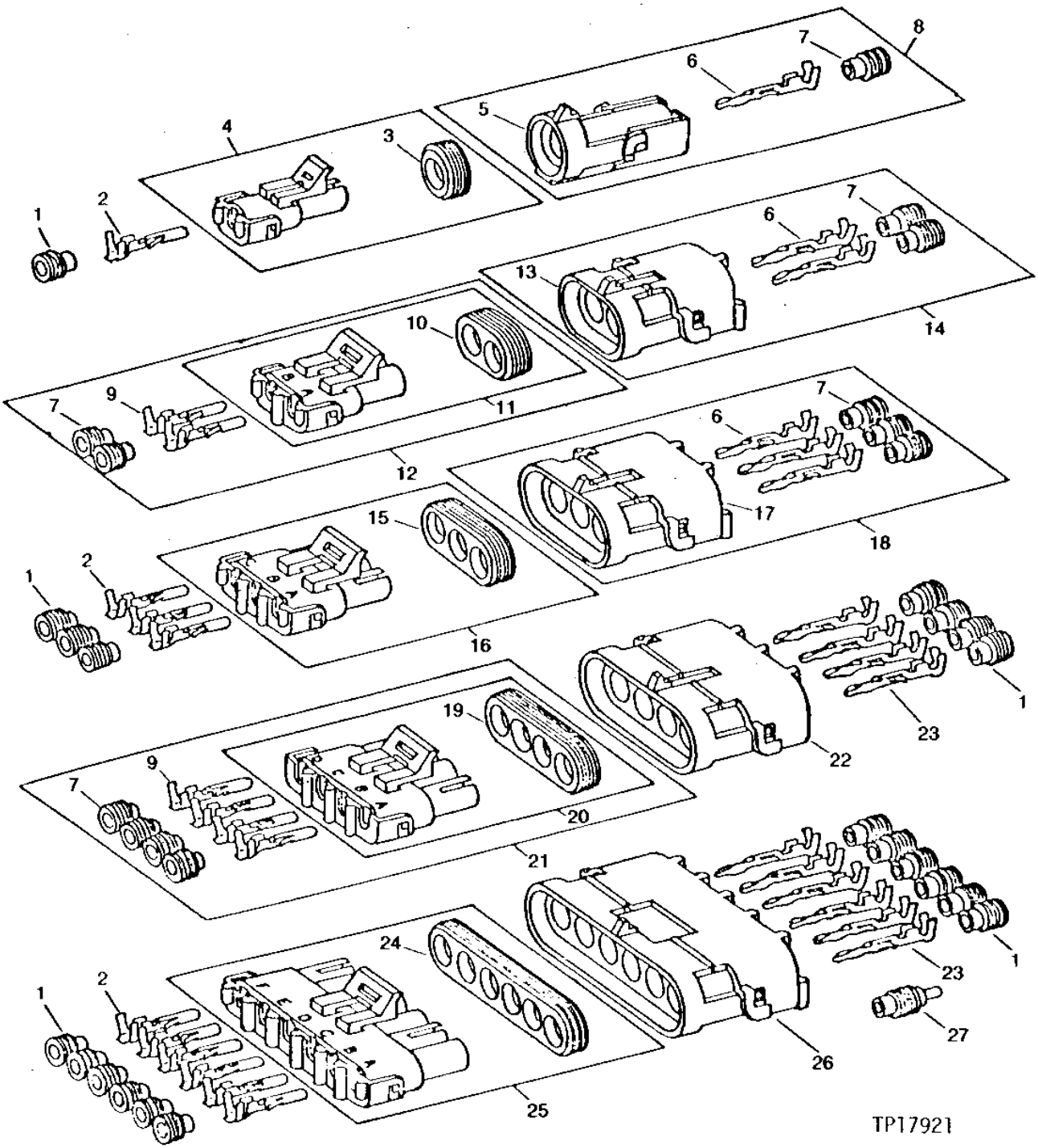
TP80143 -UN-09SEP99



KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	4374940	COVER	1		FUSE BOX, (SUB FOR AT188966)

WEATHERPACK TERMINALS AND CONNECTORS

TP17921 -UN-01JAN94

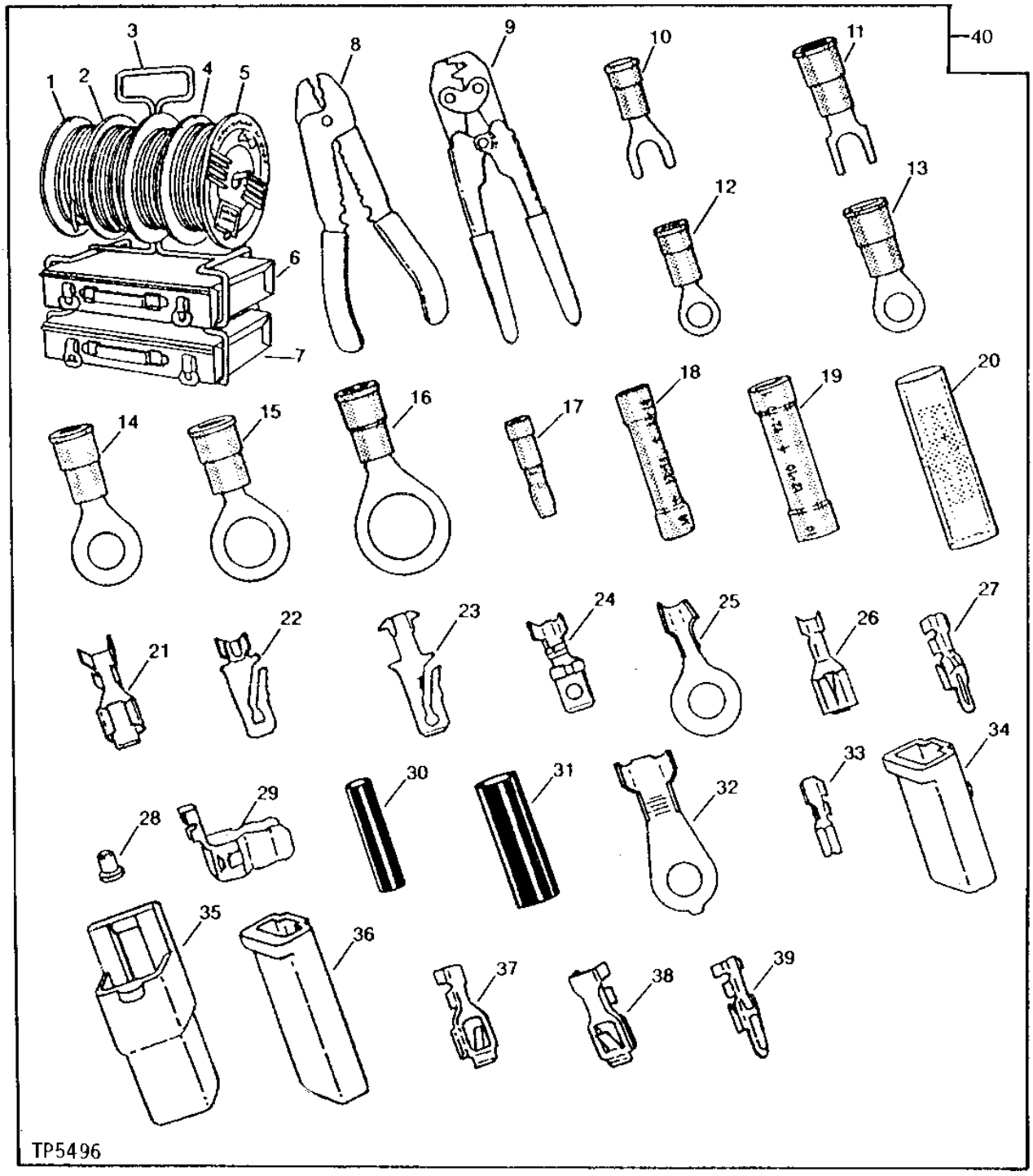


WEATHERPACK TERMINALS AND CONNECTORS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	R78063	ELEC. CONNECTOR SEAL	1		(PKG. OF 40) (16 GA. WIRE) (GRAY)
	R78059	ELECTRICAL CONNECTOR ASSY	1		(PKG. OF 40) (18 OR 20 GA. WIRE) (GREEN)
	R78062	ELEC. CONNECTOR ACCESSORY	1		(PKG. OF 40) (14 GA. WIRE) (BLUE)
2	R78057	ELEC. CONNECTOR TERMINAL	1		(PKG. OF 40) (18 OR 20 GA. WIRE) (NO. 19)
	R78060	ELEC. CONNECTOR TERMINAL	1		(PKG. OF 40) (14 OR 16 GA. WIRE) (NO. 15)
3	R78047	SEAL	1		(PKG. OF 5)
4	RE12362	ELECTRICAL CONNECTOR ASSY	1		(PKG. OF 3)
5	R78052	ELECTRICAL CONNECTOR ASSY	1		(PKG. OF 3)
6	R78061	ELEC. CONNECTOR TERMINAL	1		(PKG. OF 40) (14 OR 16 GA. WIRE) (NO. 15)
7	R78063	ELEC. CONNECTOR SEAL	1		(PKG. OF 40) (16 GA. WIRE) (GRAY)
8	RE12334	ELECTRICAL CONNECTOR ASSY	1		
9	R78060	ELEC. CONNECTOR TERMINAL	1		(PKG. OF 40) (14 OR 16 GA. WIRE) (NO. 15)
10	R78048	ELEC. CONNECTOR ACCESSORY	1		(PKG. OF 5)
11	RE12363	ELECTRICAL CONNECTOR ASSY	1		(PKG. OF 3)
12	RE12331	ELECTRICAL CONNECTOR ASSY	1		
13	R78053	ELECTRICAL CONNECTOR ASSY	1		(PKG. OF 3)
14	RE12330	ELECTRICAL CONNECTOR ASSY	1		
15	R78049	SEAL	1		(PKG. OF 5)
16	RE12364	ELECTRICAL CONNECTOR ASSY	1		(PKG. OF 3)
17	R78054	ELECTRICAL CONNECTOR ASSY	1		(PKG. OF 3)
18	RE12332	ELECTRICAL CONNECTOR ASSY	1		
19	R78050	SEAL	1		(PKG. OF 5)
20	RE12365	ELECTRICAL CONNECTOR ASSY	1		(PKG. OF 2)
21	RE12333	ELECTRICAL CONNECTOR ASSY	1		
22	R78055	ELECTRICAL CONNECTOR ASSY	1		(PKG. OF 2)
23	R78061	ELEC. CONNECTOR TERMINAL	1		(PKG. OF 40) (14 OR 16 GA. WIRE) (NO. 15)
	R78058	ELEC. CONNECTOR TERMINAL	1		(PKG. OF 40) (18 OR 20 GA. WIRE) (NO. 19)
24	R78051	SEAL	1		(PKG. OF 5)
25	RE12366	ELECTRICAL CONNECTOR ASSY	1		(PKG. OF 2)
26	R78056	ELECTRICAL CONNECTOR ASSY	1		(PKG. OF 2)
27	R78064	ELEC. CONNECTOR CAVITY PLUG	1		(PKG. OF 40)

LEAD WIRE KIT

TP5496 -UN-01JAN94

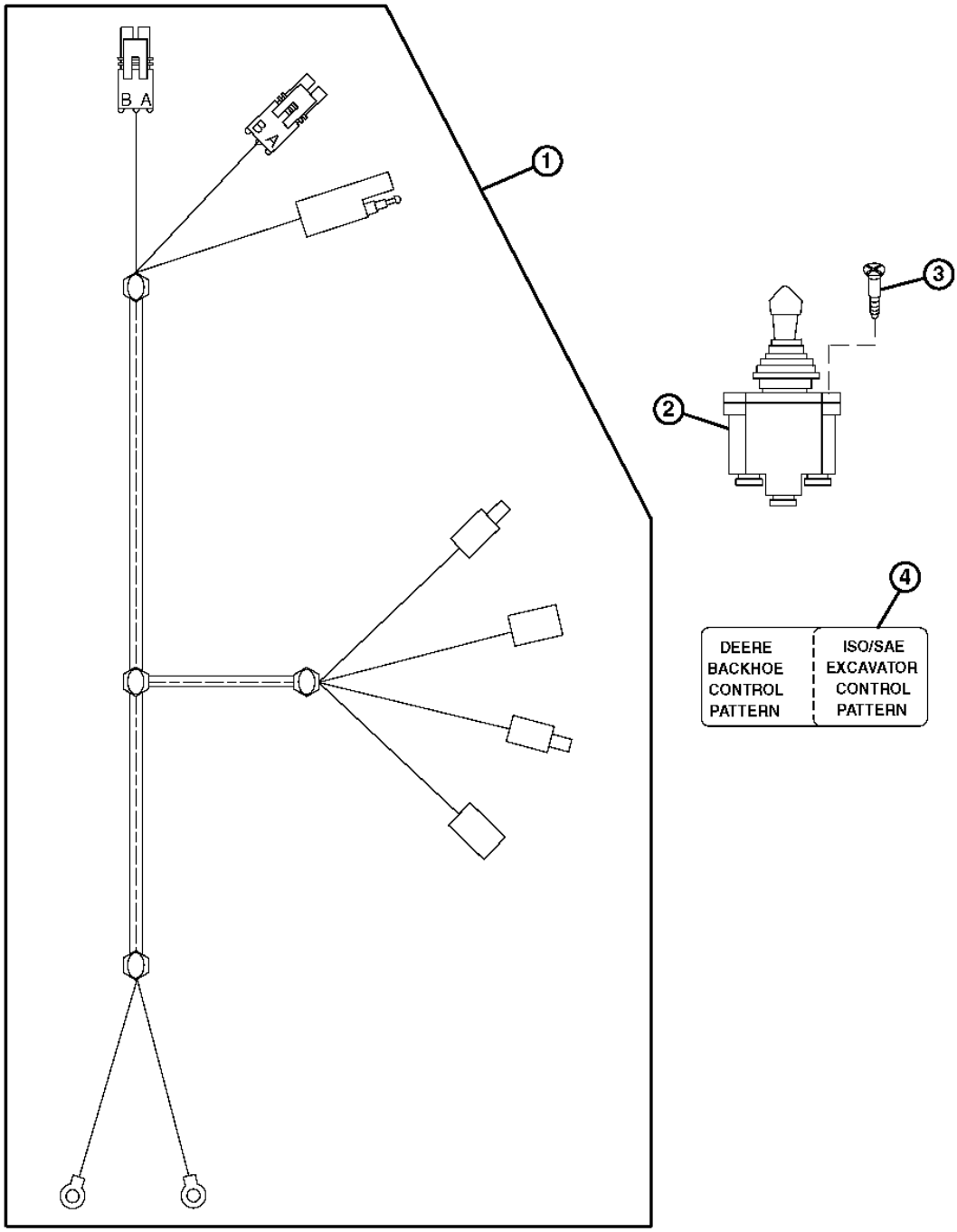


LEAD WIRE KIT-CONTINUED

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	R66319	WIRING LEAD	1		CABLE, PRIMARY, 14 GA., 30,480 MM (100 FT.) (1 SPOOL)
2	R65593	WIRING LEAD	1		CABLE, PRIMARY, 16 GA., 30,480 MM (100 FT.) (1 SPOOL)
3	R65608	RACK	1		
4	R66321	WIRING LEAD	1		CABLE, PRIMARY, 10 GA., 15,240 MM (50 FT.) (1 SPOOL)
5	R66320	WIRING LEAD	1		CABLE, PRIMARY, 12 GA., 30,480 MM (100 FT.) (1 SPOOL)
6	R65609	CONTAINER	1		32 COMPARTMENT
7	R65610	CONTAINER	1		11 COMPARTMENT
8	R32011	TOOL	1		WIRE STRIPPING
9	R65594	TOOL	1		WIRE CRIMPING
10	R32016	ELEC. CONNECTOR TERMINAL	1		PRIMARY, 14-16 GA., NO. 10 SPADE
11	R32017	ELEC. CONNECTOR TERMINAL	1		PRIMARY, 10-12 GA., NO. 10 SPADE
12	R32018	ELEC. CONNECTOR TERMINAL	1		PRIMARY, 14-16 GA., NO. 10 EYELET
13	R32019	ELEC. CONNECTOR TERMINAL	1		PRIMARY, 10-12 GA., NO. 10 EYELET
14	R32021	ELEC. CONNECTOR TERMINAL	1		PRIMARY, 10-12 GA., 1/4" EYELET
15	R32022	ELEC. CONNECTOR TERMINAL	1		PRIMARY, 10-12 GA., 3/8" EYELET
16	R32023	ELEC. CONNECTOR TERMINAL	1		PRIMARY, 10-12 GA., 1/2" EYELET
17	R32026	ELEC. CONNECTOR TERMINAL	1		MALE BULLETT
18	R32027	ELEC. CONNECTOR TERMINAL	1		SPLICE, 14-16 GA.
19	R32028	ELEC. CONNECTOR TERMINAL	1		SPLICE, 10-12 GA.
20	R32029	ELEC. CONNECTOR TERMINAL	1		2-WIRE BULLETT CONNECTOR
21	R65595	ELEC. CONNECTOR TERMINAL	1		FEMALE, 10 GA.
22	R65596	ELEC. CONNECTOR TERMINAL	1		MALE, 10 GA. OR TWO 14 GA. CABLES
23	T34067	ELEC. CONNECTOR TERMINAL	1		(SUB FOR R65597) MALE, 14-16 GA.
24	R65598	ELEC. CONNECTOR TERMINAL	1		MALE, SHORT, 14-16 GA.
25	R65599	ELEC. CONNECTOR TERMINAL	1		14-16 GA., 1/4" EYELET
26	R65600	ELEC. CONNECTOR TERMINAL	1		FEMALE, 14-16 GA.
27	R65601	ELEC. CONNECTOR TERMINAL	1		TWIN-LOCK, TWO 16 GA. CABLES
28	R65602	ELEC. CONNECTOR TERMINAL	1		BULB SOCKET, 16-18 GA.
29	R65603	ELEC. CONNECTOR ACCESSORY	1		FUSE
30	R65604	ELEC. CONNECTOR ACCESSORY	1		14-18 GA.
31	R65605	ELEC. CONNECTOR ACCESSORY	1		8-12 GA.
32	R65606	ELEC. CONNECTOR TERMINAL	1		6-8 GA., 1/4" EYELET
33	R65607	ELEC. CONNECTOR TERMINAL	1		18-20 GA.
34	T28583	ELEC. CONNECTOR HOUSING	1		ONE CONTACT LOCK-TYPE, MALE
35	T28585	ELECTRICAL CONNECTOR ASSY	1		ONE CONTACT LOCK-TYPE, FEMALE
36	U46370	ELECTRICAL CONNECTOR ASSY	1		ONE CONTACT SINGLE BODY, MALE
37	U46662	ELEC. CONNECTOR TERMINAL	1		MALE
38	U46663	ELEC. CONNECTOR TERMINAL	1		MALE
39	U46664	ELEC. CONNECTOR TERMINAL	1		MALE
40	PM797NA	KIT	1		(SUB FOR RE11154) TERMINAL AND WIRING

CONTROL PATTERN KIT WIRING HARNESS

T135255 -UN-14NOV00



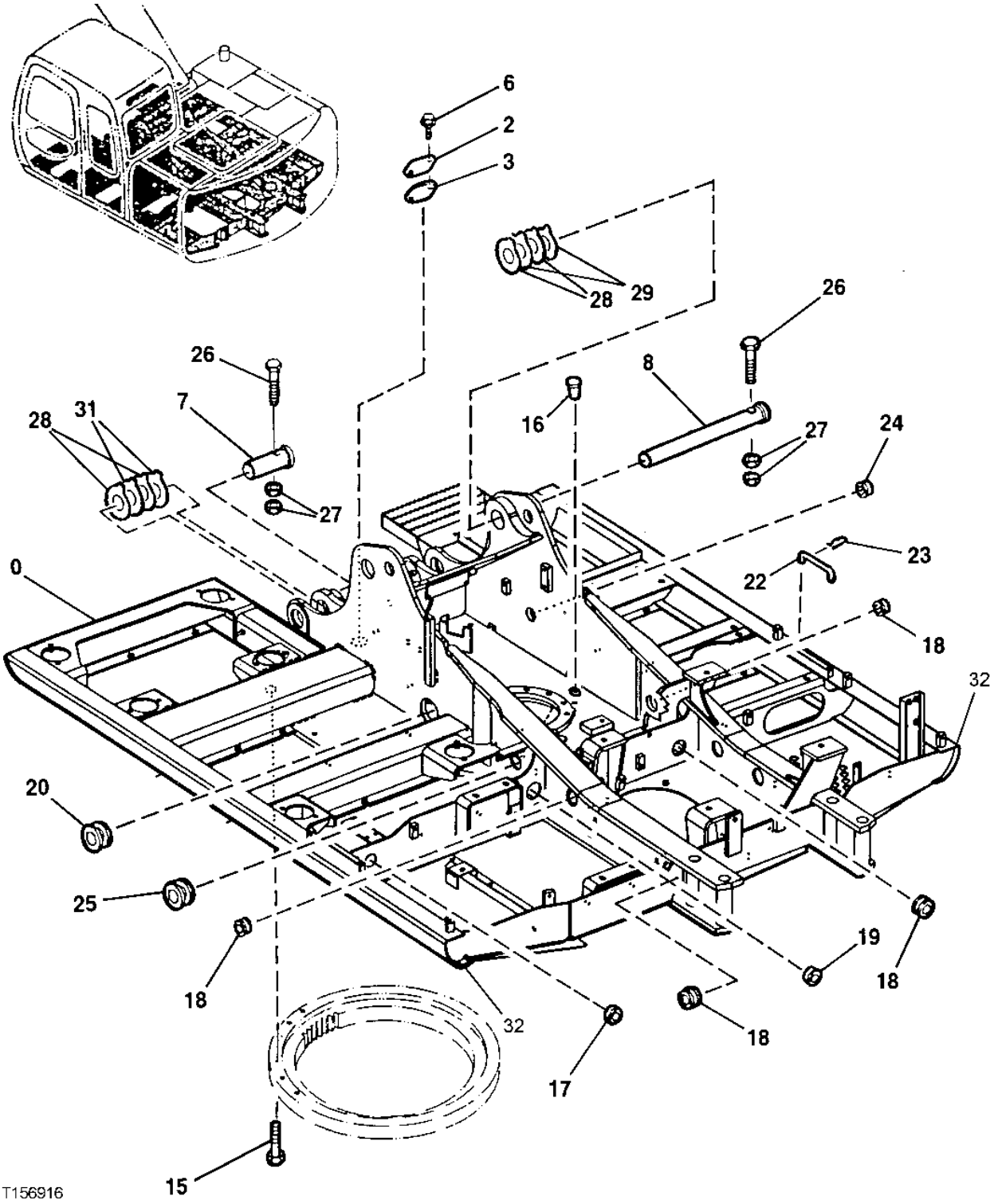
T135255

CONTROL PATTERN KIT WIRING HARNESS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AT307710	WIRING HARNESS	1		(SUB FOR AT190535)
2	AT83721	TOGGLE/ROCKER SWITCH	1		
3	37H43	SCREW	2		(SELF TAPPING)
4	T184858	LABEL	1		CONTROL PATTERN
5	AR94101	DIODE	1		(NOT ILLUSTRATED)

MAIN FRAME

T156916 -UN-09JUL02

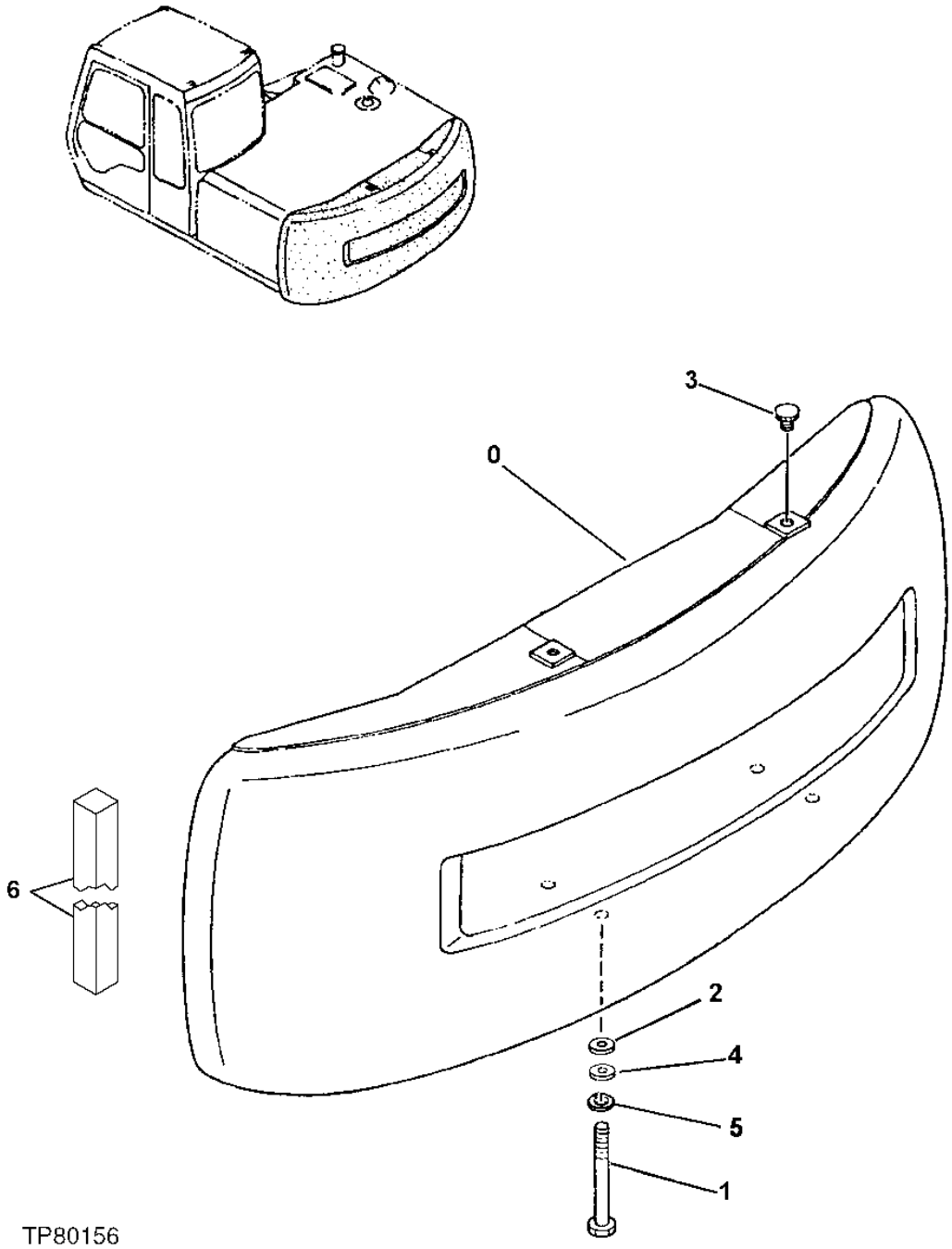


MAIN FRAME

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	.....	MAIN FRAME	1		(AP33266 NO LONGER AVAILABLE) (CONVENIENCE ASSEMBLY)
2	4604209	COVER	1		(SUB FOR AT154929 OR 4255799)
3	4161735	GASKET	1		(SUB FOR AT130379)
6	19M7402	CAP SCREW	2		M10 X 25
	24M7028	WASHER	2		10.500 X 20 X 2 MM (0.413" X 0.787" X 0.079")
	12M7066	LOCK WASHER	2		10 MM (0.394")
7	AT154899	PIN	2		
8	AT154896	PIN	1		
15	J921890	BOLT	30		(SUB FOR P61970)
16	P60466	COTTER PIN	3		(NO LONGER REQUIRED)
17	4201995	GROMMET	1		(SUB FOR TH109396)
18	4509404	GROMMET	7		(SUB FOR TH100553)
19	4509404	GROMMET	1		(SUB FOR TH100553)
20	4190960	GROMMET	1		(SUB FOR AT126283)
22	4341788	ROD	2		(SUB FOR AT213884)
23	H132922	COTTER PIN	2		
24	4221018	BUSHING	1		(SUB FOR AT203980)
25	4221019	BUSHING	1		(SUB FOR P60453)
26	19M8503	CAP SCREW	3		M20 X 160, (SUB FOR P61796)
27	14M7277	NUT	6		M20
28	P61821	PLATE	6		
29	P61822	PLATE	2		
31	P61822	PLATE	4		
32	4455820	PIPE	1		

COUNTERWEIGHT

TP80156 -UN-18NOV99

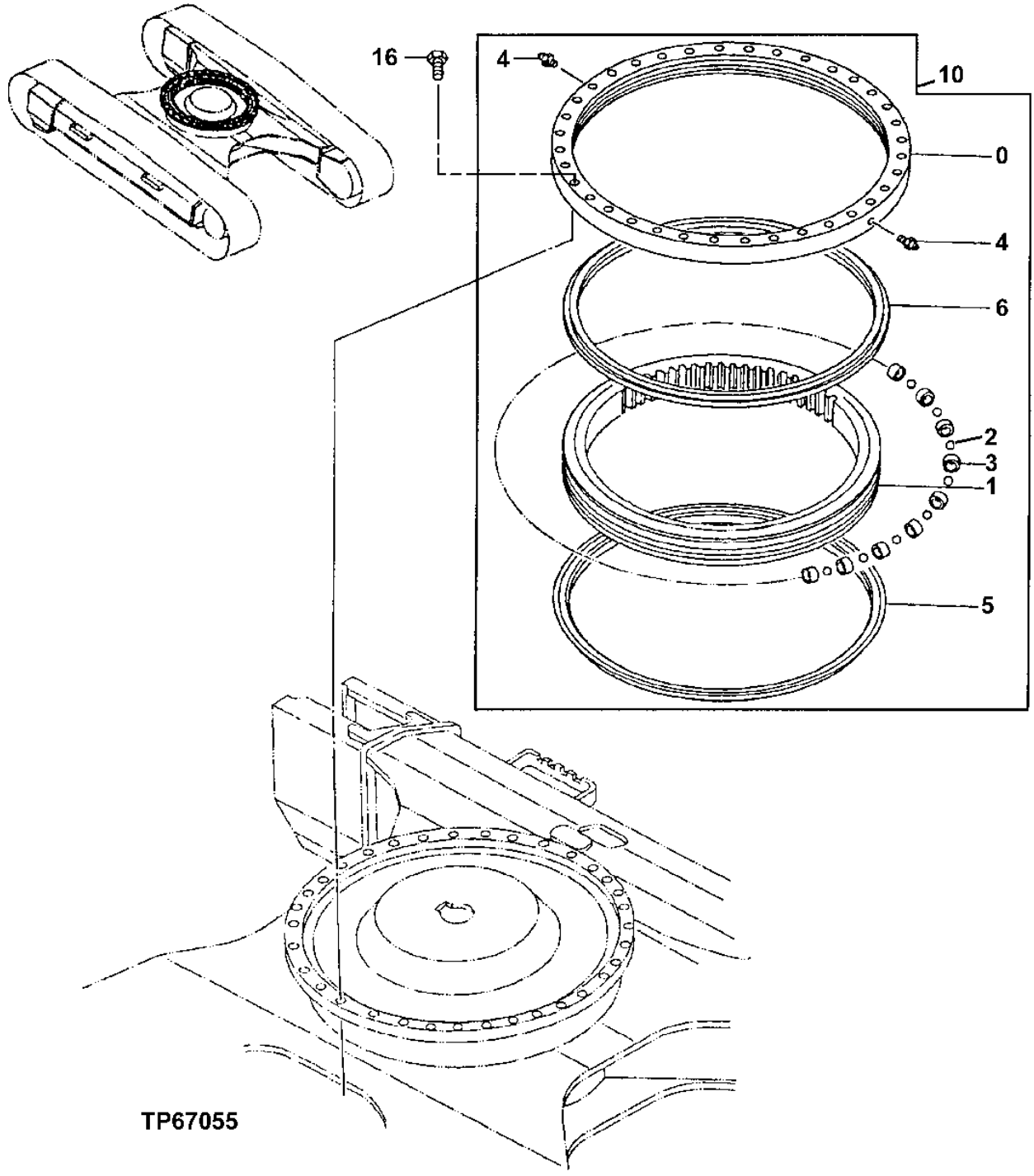


COUNTERWEIGHT

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	.....		1		(AP35632 NO LONGER AVAILABLE)
1	J932722	CAP SCREW	4		(SUB FOR P61972, THIS APPLICATION) (SUB FOR AT213622)
2	4126485	BUSHING	4		(SUB FOR TH100627)
3	4149678	PLUG	2		(SUB FOR TH100634)
4	24H1273	WASHER	AR		32.537 X 63.500 X 3.048 MM (1-9/32" X 2-1/2" X 0.120")
5	24H1484	WASHER	AR		30.175 X 63.500 X 1.524 MM (1-3/16" X 2-1/2" X 0.060")
6	P65620	ISOLATOR	1		

SWING BEARING

TP67055 -UN-02MAR00

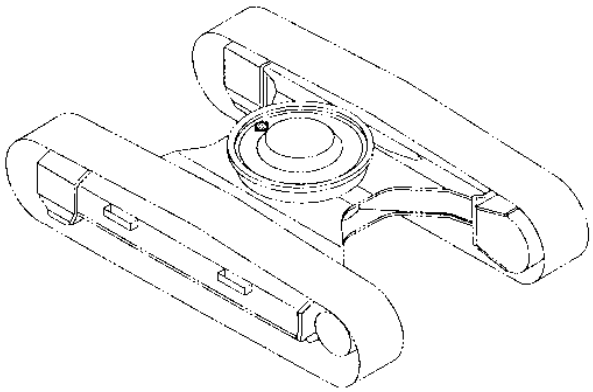


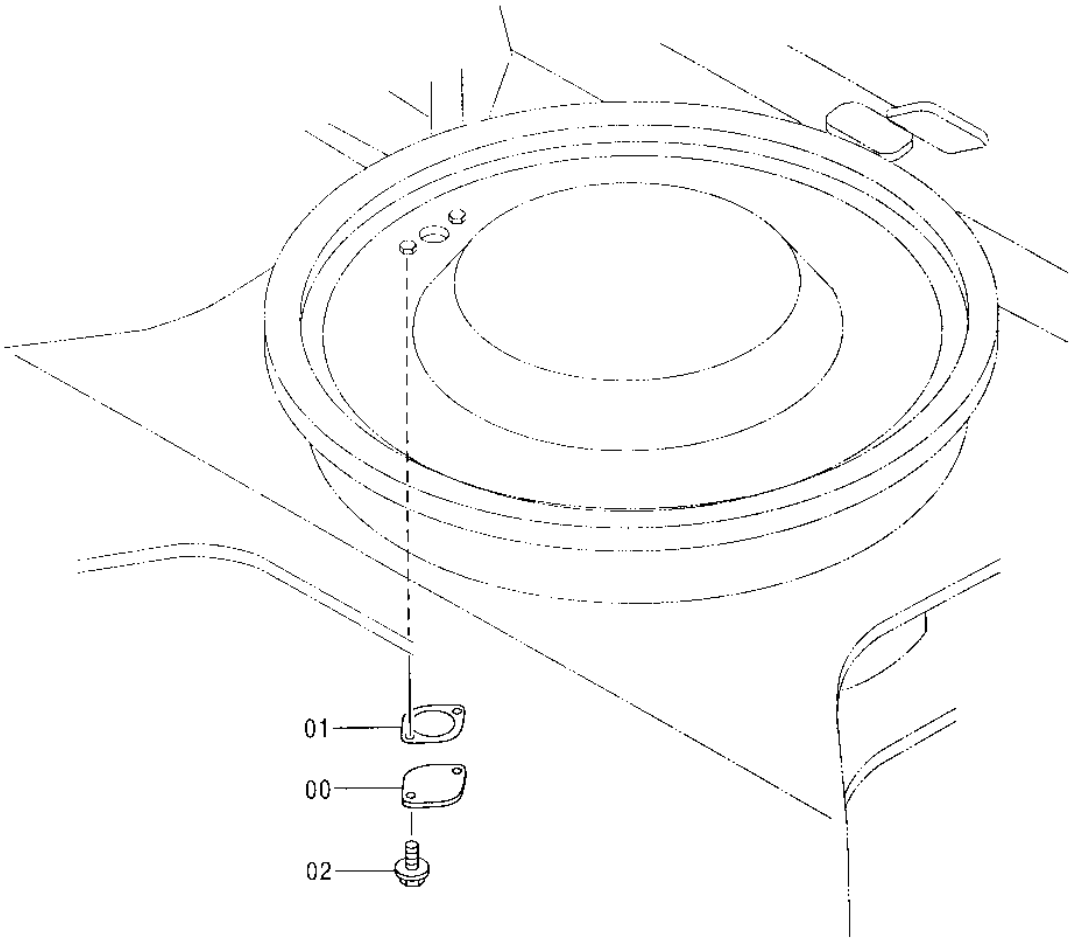
SWING BEARING

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	.....	BEARING RACE	1		
1	.....	BEARING RACE	1		
2	4428919	BALL	98		(SUB FOR AT174888)
3	4127708	SPACER	80		(SUB FOR TH104232)
	4127707	SPACER	18		(SUB FOR TH104233)
4	TH100074	LUBRICATION FITTING	2		
5	T203958	SEAL	1		(ALSO ORDER TY21517 ADHESIVE AND AT66866 CLEANING SOLVENT) (SUB FOR T191211, AT164720 AND AT131732) (SUB FOR 4199645)
6	T203958	SEAL	1		(ALSO ORDER TY21517 ADHESIVE AND AT66866 CLEANING SOLVENT) (SUB FOR T191211, AT164721 AND AT131732) (SUB FOR 4199645)
10	9161620EX	ROLLER	1		(WITH ANTI-RUST PREVENTION) (USE AP33589 OR AP35548 IF AVAILABLE) (SUB FOR AP33589 OR AP35548) (SUB FOR AT190774)
16	J931695	BOLT	36		(SUB FOR AT130327)

GREASE-BATH COVER

TP48010 -UN-28MAY96



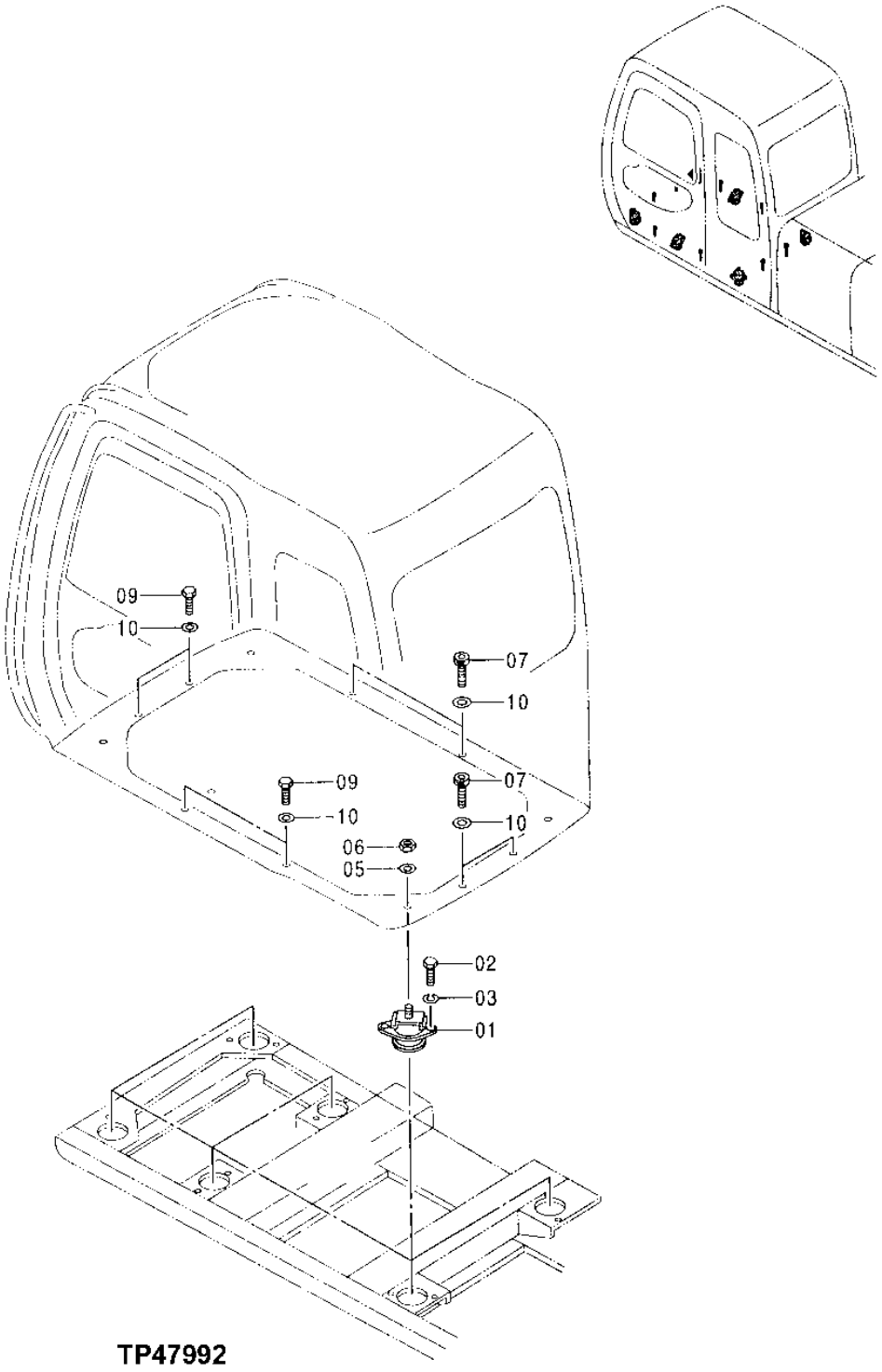


GREASE-BATH COVER

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4604209	COVER	1		(SUB FOR AT154929 OR 4255799)
1	4161735	GASKET	1		(SUB FOR AT130379)
2	12M7066	LOCK WASHER	2		10 MM (0.394")
	19M7938	CAP SCREW	2		M10 X 20
	24M7028	WASHER	2		10.500 X 20 X 2 MM (0.413" X 0.787" X 0.079")

CAB MOUNTING

TP47992 -UN-30SEP99

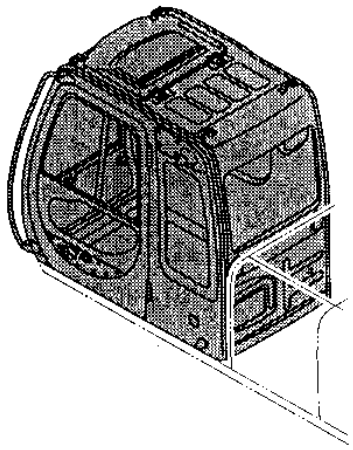


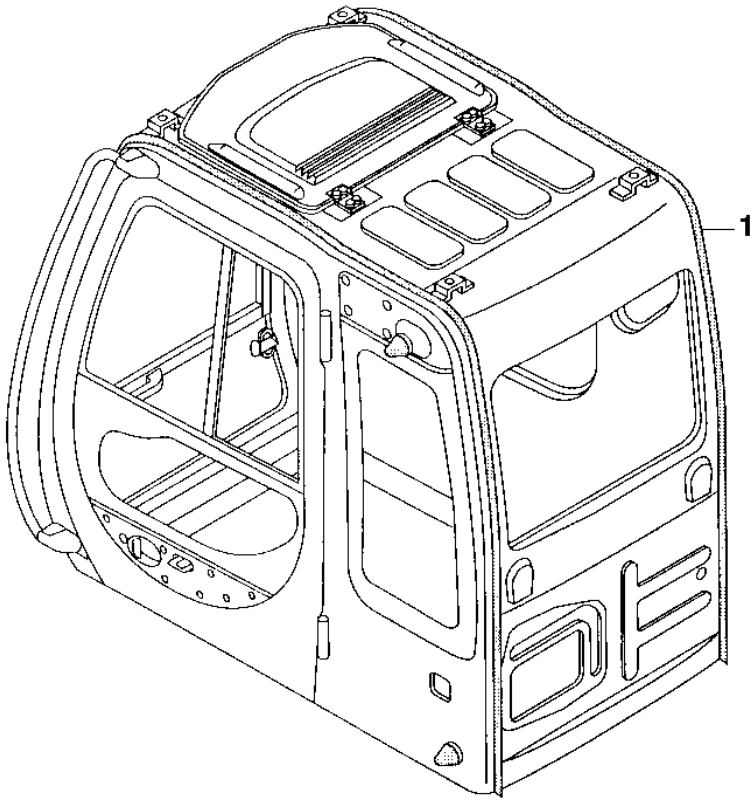
CAB MOUNTING

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	4366825	ISOLATOR	6		(SUB FOR AT176229)
2	19M7403	CAP SCREW	12		M12 X 35, (SUB FOR AT202462)
3	12H301	LOCK WASHER	12		12.700 MM (1/2")
5	24M7338	WASHER	6		17 X 30 X 3 MM (0.669" X 1.181" X 0.118")
6	14M7328	LOCK NUT	6		M16
7	19M8337	SCREW	4		M10 X 30
9	19M7662	CAP SCREW	4		M10 X 30
10	24M7346	WASHER	8		11 X 20 X 2 MM (0.433" X 0.787" X 0.079")

CAB

TP47991 -UN-23SEP99





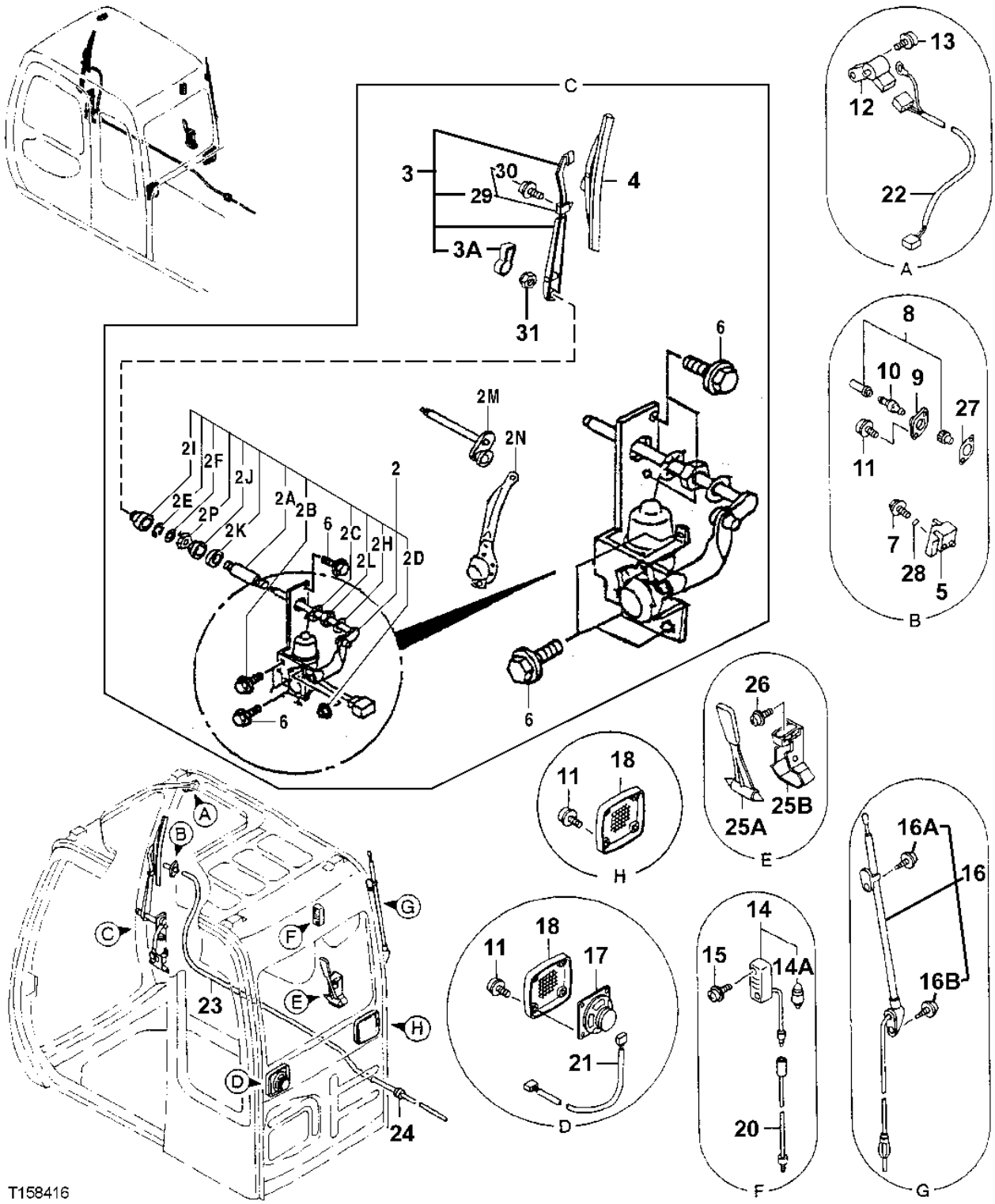
TP47991

CAB

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	4383439	CAB	1		(SUB FOR AT215570) (SEE FOLLOWING PAGES FOR COMPONENTS)

CAB COMPONENTS

T158415 -UN-13AUG02

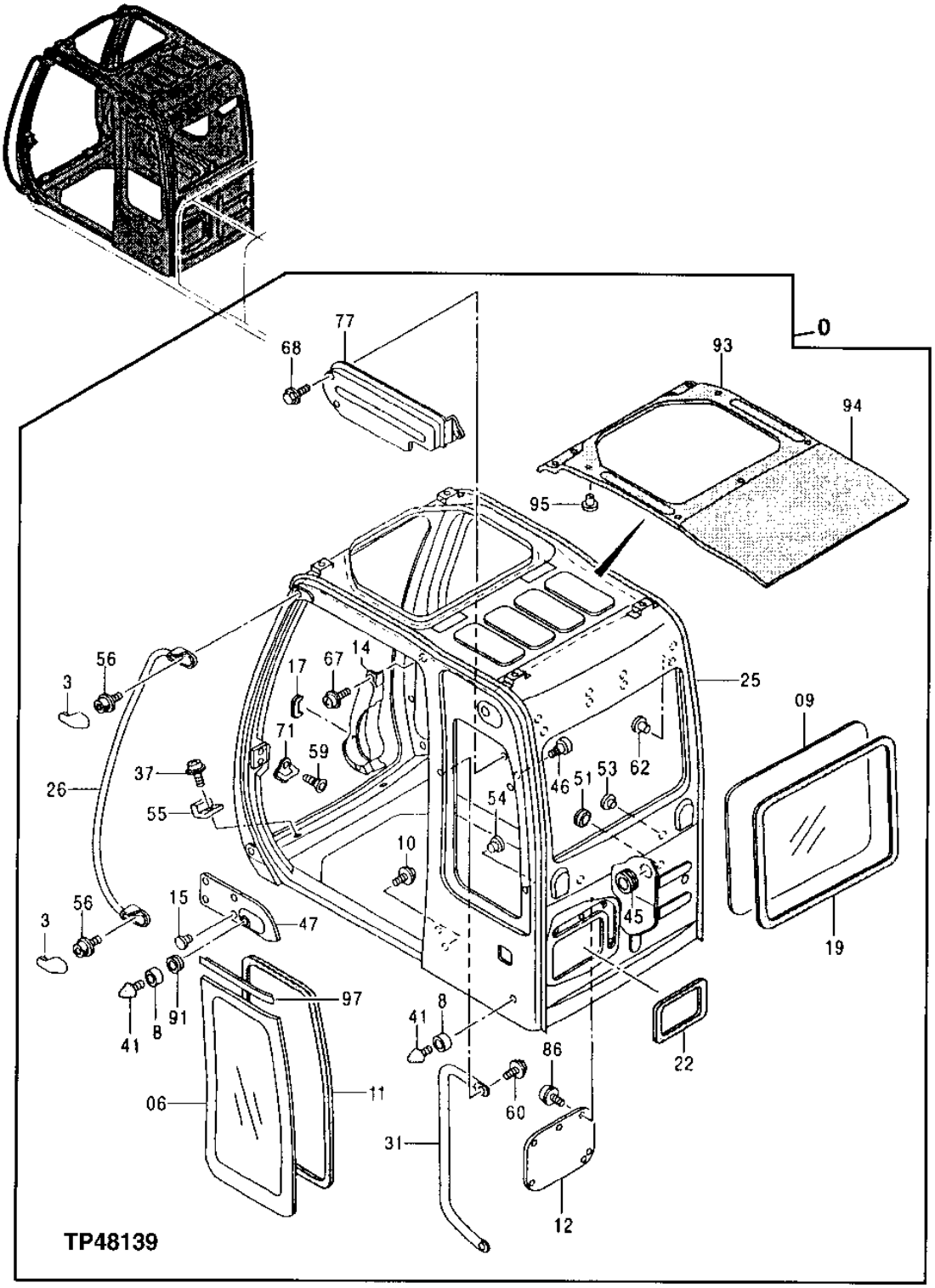


CAB COMPONENTS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4383439	CAB	1		(SUB FOR AT215570) (CONTAINS ALL PARTS LISTED ON THIS PAGE - ADDITIONAL COMPONENTS LISTED ON FOLLOWING PAGES)
2	4369540	WIPER MOTOR	1		(SUB FOR AT214054)
2A	4431848	SPACER	1		
2B	4456238	BOLT	1		
2D	4431851	NUT	1		
2E	4431852	SNAP RING	1		
2F	4431853	WASHER	1		
2I	4431856	CAP	1		
2J	4431857	LOCK WASHER	1		
2L	4431859	NUT	1		
2M	4469479	LINK	1		
2N	4467360	LINK	1		
2P	4431859	NUT	1		
3	4369541	WIPER ARM	1		(SUB FOR AT214055) (COMPLETE ARM ASSEMBLY)
3A	4399597	COVER	1		(SUB FOR AT183331)
4	4369542	WIPER BLADE	1		(SUB FOR AT214056)
5	4369543	RETAINER	1		(SUB FOR AT214057)
6	12M7056	LOCK WASHER	4		8 MM (0.315") (SUB FOR 12M7065)
	19M7932	CAP SCREW	4		M8 X 16, (SUB FOR 19M7162)
	24H1136	WASHER	4		8.738 X 17.475 X 1.651 MM (11/32" X 11/16" X 0.065")
7	4372218	SCREW WITH WASHER	1		(SUB FOR AT214304)
8	4367485	NOZZLE	1		(SUB FOR AT214042)
9	4367486	ADAPTER	1		(SUB FOR AT214043)
10	4367481	FLOW CONTROL HYD. VALVE	1		(SUB FOR AT214041)
11	4372608	SCREW	10		(SUB FOR AT214316)
12	4387837	SWITCH	1		(SUB FOR 4369545) (ALSO ORDER 4402476) (SUB FOR AT182625)
13	19M7700	CAP SCREW	1		M5 X 10
	24M7348	WASHER	1		5.500 X 10 X 1 MM (0.217" X 0.394" X 0.039")
	12M7064	LOCK WASHER	1		5 MM (0.197")
14	4187082	LAMP	1		(SUB FOR TH108567)
14A	4187083	BULB	1		(SUB FOR TH108568)
15	21M7265	SCREW	2		M5 X 12
16	4280527	ANTENNA	1		(SUB FOR AT154352)
16A	4210412	SCREW	1		(SUB FOR AT131864)
16B	4210413	SCREW	1		(SUB FOR AT131865)
17	4361302	SPEAKER	1		(SUB FOR AT214007)
18	4364504	GRILLE	2		(SUB FOR AT214017)
20	4260369	WIRING HARNESS	1		(SUB FOR AT214060) (SUB FOR AT154278)
21	4369547	WIRING HARNESS	1		(SUB FOR AT214061)
22	4402476	WIRING HARNESS	1		(SUB FOR AT214062) (ALSO ORDER 4387837) (SUB FOR AT182626)
23	4369549	HOSE	1		(SUB FOR AT214063)
24	4287903	GROMMET	2		(SUB FOR AT154413)
25A	4362700	HAMMER	1		(SUB FOR T158020)
25B	2038764	BRACKET	1		(SUB FOR T158021)
26	19M7372	CAP SCREW	2		M5 X 16
	24M7348	WASHER	2		5.500 X 10 X 1 MM (0.217" X 0.394" X 0.039")
	12M7064	LOCK WASHER	2		5 MM (0.197")
27	4369544	GASKET	1		(SUB FOR AT214058)
28	4092111	O-RING	1		(SUB FOR AT154150)
29	4370903	BRACKET	1		(SUB FOR AT214277)
30	4382863	BOLT	1		(SUB FOR AT218189)
31	14M7273	NUT	1		

CAB COMPONENTS

TP48139 -UN-12AUG96

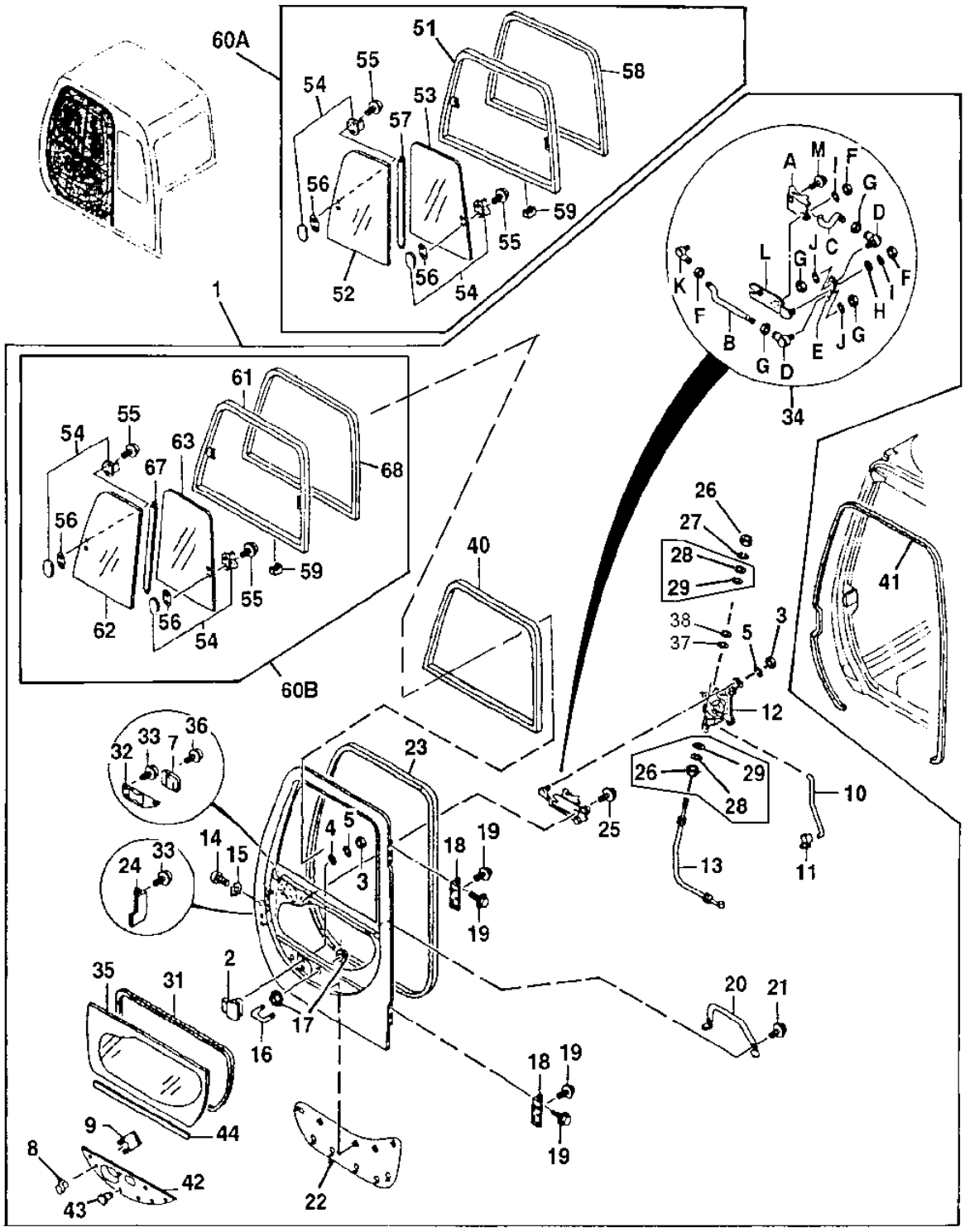


CAB COMPONENTS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4383439	CAB	1		(SUB FOR AT215570) (CONTAINS ALL ITEMS ON THIS PAGE - ADDITIONAL COMPONENTS LISTED ON PREVIOUS AND FOLLOWING PAGES)
3	4369572	COVER	2		(SUB FOR AT214082)
6	4383431	WINDOWPANE	1		(SUB FOR AT215569) (INCLUDES SEAL GLUED TO GLASS) (ADDITIONAL SEAL REQUIRED FOR INSTALLATION ON CAB)
8	4369561	SPACER	2		(SUB FOR AT214071)
9	AT215124	WINDOWPANE	1		
10	19M8425	CAP SCREW	1		M6 X 16
	12M7006	LOCK WASHER	1		6 MM (0.236")
	24H1287	WASHER	1		7.137 X 15.875 X 1.651 MM (9/32" X 5/8" X 0.065")
11	4400079	SEAL	1		(SUB FOR AT214289, THIS APPLICATION) (ALSO ORDER 4400087) (SUB FOR AT218190)
	4400087	SEAL	1		(ALSO ORDER 4400079)
12	4369570	COVER	1		(SUB FOR AT214080)
14	4369565	COVER	1		(SUB FOR AT214075)
15	4369659	CLIP	1		(SUB FOR AT214158)
17	4369566	ISOLATOR	1		(SUB FOR AT214076)
19	4369554	WEATHERSTRIP	1		(SUB FOR AT214067)
22	4369585	WEATHERSTRIP	1		(SUB FOR AT214095)
25	4369574	ISOLATOR	1		(SUB FOR AT214084)
26	4369571	HANDRAIL	1		(SUB FOR AT214081)
31	4369625	HANDRAIL	1		(SUB FOR AT214127)
37	21M7246	SCREW	2		M6 X 16
	24M7293	WASHER	2		6.500 X 13 X 1.600 MM (0.256" X 0.512" X 0.063")
	12M7006	LOCK WASHER	2		6 MM (0.236")
41	4204586	STOP	2		(SUB FOR TH108668)
45	4369568	GROMMET	1		(SUB FOR AT214078)
46	4295573	HOOK	1		(SUB FOR AT157057)
47	4369557	PANEL	1		(SUB FOR AT214069)
51	4369569	GROMMET	1		(SUB FOR AT214079)
53	4372087	PLUG	2		(SUB FOR AT214286)
54	4369626	PLUG	1		(SUB FOR AT214128)
55	4369675	ISOLATOR	2		(SUB FOR AT214173)
56	4369573	SCREW	2		(SUB FOR AT214083)
59	4320163	SCREW	2		(SUB FOR AT200584)
60	4372219	SCREW WITH WASHER	2		(SUB FOR AT214305)
62	4372088	CLIP	8		(SUB FOR AT214287)
67	21M7246	SCREW	3		M6 X 16
	24M7293	WASHER	3		6.500 X 13 X 1.600 MM (0.256" X 0.512" X 0.063")
	12M7006	LOCK WASHER	3		6 MM (0.236")
68	19M7162	CAP SCREW	3		M8 X 16, (SUB FOR AT214308 OR 4372222, ALONG WITH 24M7036 AND 12M7065)
	24M7036	WASHER	3		9 X 16 X 1.600 MM (0.354" X 0.630" X 0.063")
	12M7065	LOCK WASHER	3		8 MM (0.315")
71	4369627	STRIKER	1		(SUB FOR AT214129)
77	4369567	COVER	1		(SUB FOR AT214077)
86	J680620	SCREW WITH WASHER	11		(SUB FOR AT213611)
91	4372089	GROMMET	1		(SUB FOR AT214288)
93	4369552	HEADLINER	1		(SUB FOR AT214065)
94	4369551	HEADLINER	1		(SUB FOR AT214064)
95	4369614	CLIP	12		(SUB FOR AT214117)
97	4369559	ISOLATOR	1		(SUB FOR AT214070)

CAB COMPONENTS

T157008 -UN-12JUL02



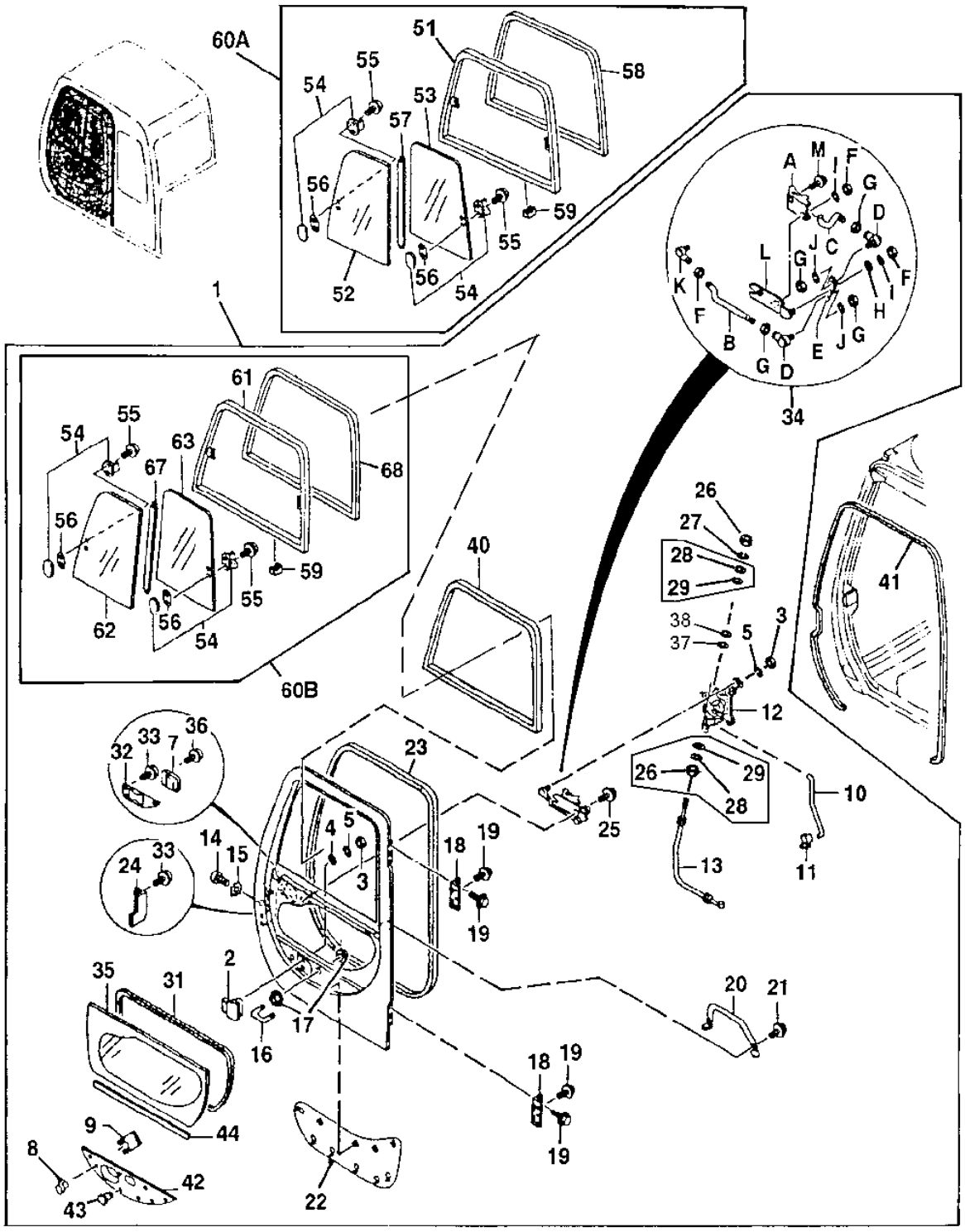
T157008

CAB COMPONENTS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4383439	CAB	1		(SUB FOR AT215570) (NOT ILLUSTRATED) (CONTAINS ALL ITEMS ON THIS PAGE - ADDITIONAL COMPONENTS LISTED ON PREVIOUS AND FOLLOWING PAGES)
1	4385381	DOOR	1		(SUB FOR AT215574)
2	4369645	HANDLE	1		(SUB FOR AT214145)
3	14M7272	NUT	3		M6
4	24M7054	WASHER	2		6.400 X 12 X 1.600 MM (0.252" X 0.472" X 0.063")
5	12M7006	LOCK WASHER	3		6 MM (0.236")
7	4369633	COVER	1		(SUB FOR AT214133)
8	4362135	LOCK	1		(SUB FOR AT176789)
	AT194969	KEY	1		(SUB FOR AT147803) (H800) (NOT ILLUSTRATED)
9	4372091	CLIP	1		(SUB FOR AT214290)
10	4369643	ROD	1		(SUB FOR AT214143)
11	4372092	RETAINER	1		(SUB FOR AT214291)
12	4369631	LOCK	1		(SUB FOR AT214131)
13	.....	CABLE	1	-XXXXXX	(4369642 NO LONGER AVAILABLE - FURNISH 4458077 ALONG WITH 4458079, 4455981, (3) 4382885, 4458080) (SUB FOR AT214142)
	4458077	CABLE	1	XXXXXX-	
14	4382885	BOLT	3		(SUB FOR AT213624, M470625)
15	4372560	WASHER	3		(SUB FOR AT214314)
16	4369661	U-BOLT	1		(SUB FOR AT214160)
17	4414857	NUT	4		(SUB FOR AT157068)
18	4369648	HINGE	2		(SUB FOR AT214148)
19	4356695	BOLT	12		(SUB FOR AT214313, 4372261)
20	4369646	HANDRAIL	1		(SUB FOR AT214146)
21	4372225	SCREW WITH WASHER	2		(SUB FOR AT214311)
22	4369647	COVER	1		(SUB FOR AT214147)
23	4369662	WEATHERSTRIP	1		(SUB FOR AT214161)
24	4369632	COVER	1		(SUB FOR AT214132)
25	21M7246	SCREW	2		M6 X 16
	24M7105	WASHER	2		6 X 12 X 1.600 MM (0.236" X 0.472" X 0.063")
	12M7006	LOCK WASHER	2		6 MM (0.236")
26	14M7297	NUT	2	-XXXXXX	M5
	14M7297	NUT	1	XXXXXX-	
27	12M7064	LOCK WASHER	1		5 MM (0.197")
28	24M7027	WASHER	2	-XXXXXX	5.300 X 10 X 1 MM (0.209" X 0.394" X 0.039")
29	24M7055	WASHER	2	-XXXXXX	8.400 X 16 X 1.600 MM (0.331" X 0.630" X 0.063")
31	4400087	SEAL	1		(SUB FOR AT214289, THIS APPLICATION) (ALSO ORDER 4400079) (SUB FOR AT218141)
	4400079	SEAL	1		(ALSO ORDER 4400087)
32	4369644	COVER	1		(SUB FOR AT214144)
33	J680510	SCREW WITH WASHER	5		(SUB FOR AT213609)

CAB COMPONENTS

T157008 -UN-12JUL02



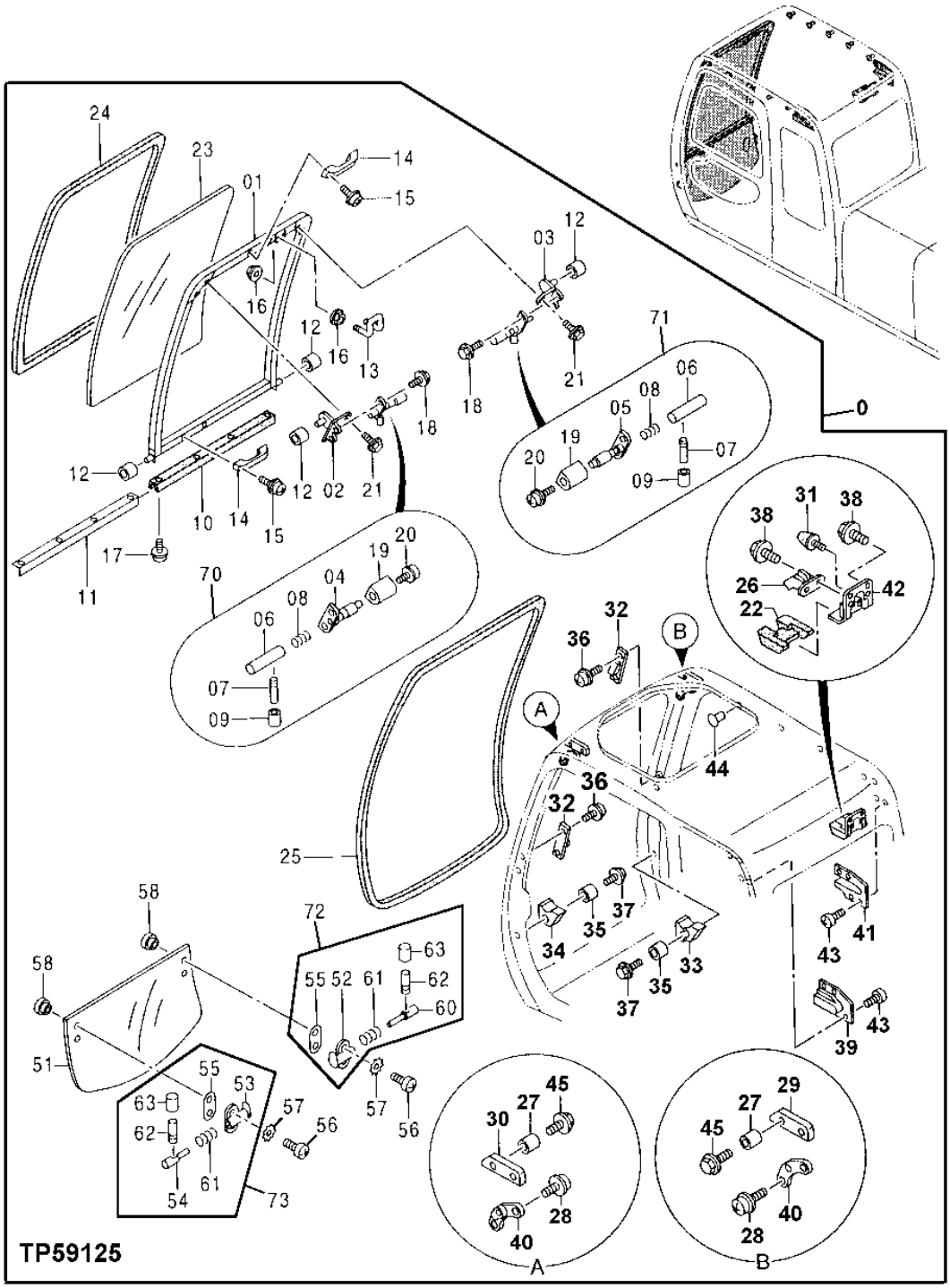
T157008

CAB COMPONENTS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4383439	CAB	1		(SUB FOR AT215570) (NOT ILLUSTRATED) (CONTAINS ALL ITEMS ON THIS PAGE - ADDITIONAL COMPONENTS LISTED ON PREVIOUS AND FOLLOWING PAGES)
34	4369634	HANDLE	1		(SUB FOR AT214134)
34A	4369635	LEVER	1		(SUB FOR AT214135)
34B	4369636	ROD	1		(SUB FOR AT214136)
34C	4369637	ROD	1		(SUB FOR AT214137)
34D	4369638	BALL JOINT	2		(SUB FOR AT214138)
34E	4369639	STRAP	1		(SUB FOR AT214139)
34F	4372215	NUT	3		(SUB FOR AT214302)
34G	4372216	NUT	4		(SUB FOR AT214303)
34H	24M7054	WASHER	1		6.400 X 12 X 1.600 MM (0.252" X 0.472" X 0.063")
34I	12M7006	LOCK WASHER	2		6 MM (0.236")
34J	12H315	LOCK WASHER	2		4.166 MM (0.164") (SUB FOR 12M7063)
34K	4369640	BALL JOINT	1		(SUB FOR AT214140)
34L	4369641	BRACKET	1		(SUB FOR AT214141)
34M	J450614	SCREW WITH WASHER	1		(SUB FOR AT213606)
35	4383401	WINDOWPANE	1		(SUB FOR AT215568)
36	J660512	BOLT	1		(SUB FOR AT218140)
37	4458079	BUSHING	1	XXXXXX-	
38	4455981	BUSHING	1	XXXXXX-	
40	4369656	WEATHERSTRIP	1		(SUB FOR AT214155)
41	4369663	WEATHERSTRIP	1		(SUB FOR AT214162)
42	4369658	PANEL	1		(SUB FOR AT214157)
43	4369659	CLIP	7		(SUB FOR AT214158)
44	4369660	ISOLATOR	1		(SUB FOR AT214159)
51	4369650	FRAME	1		(SUB FOR AT214149)
52	AT304642	WINDOWPANE	1		(SUB FOR AT214151)
53	AT304643	WINDOWPANE	1		(SUB FOR AT214150)
54	4369653	LOCK	2		(SUB FOR AT214152)
55	J680410	SCREW WITH WASHER	4		(SUB FOR AT213608)
56	4420531	SPACER	2		(SUB FOR AT214292, 4372093)
57	4369655	WEATHERSTRIP	1		(SUB FOR AT214154)
58	4369654	FRAME	1		(SUB FOR AT214153)
59	4147890	RETAINER	8		(SUB FOR AT213799)
60A	.....	WINDOW	1		(NOT AVAILABLE FOR SERVICE - ORDER INDIVIDUAL COMPONENTS) (USE IF WINDOW FRONT AND REAR LATCHES ARE LEVEL)
60B	.....	WINDOW	1		(NOT AVAILABLE FOR SERVICE - ORDER INDIVIDUAL COMPONENTS) (USE IF WINDOW FRONT LATCH IS AT A LOWER LEVEL THAN THE REAR LATCH)
61	4398091	FRAME	1		(SUB FOR AT183082)
62	AT183083	WINDOWPANE	1		
63	AT183084	WINDOWPANE	1		
67	4398016	WEATHERSTRIP	1		(SUB FOR AT183085)
68	4398019	FRAME	1		(SUB FOR AT183086)

CAB COMPONENTS

TP59125 -UN-12MAY98

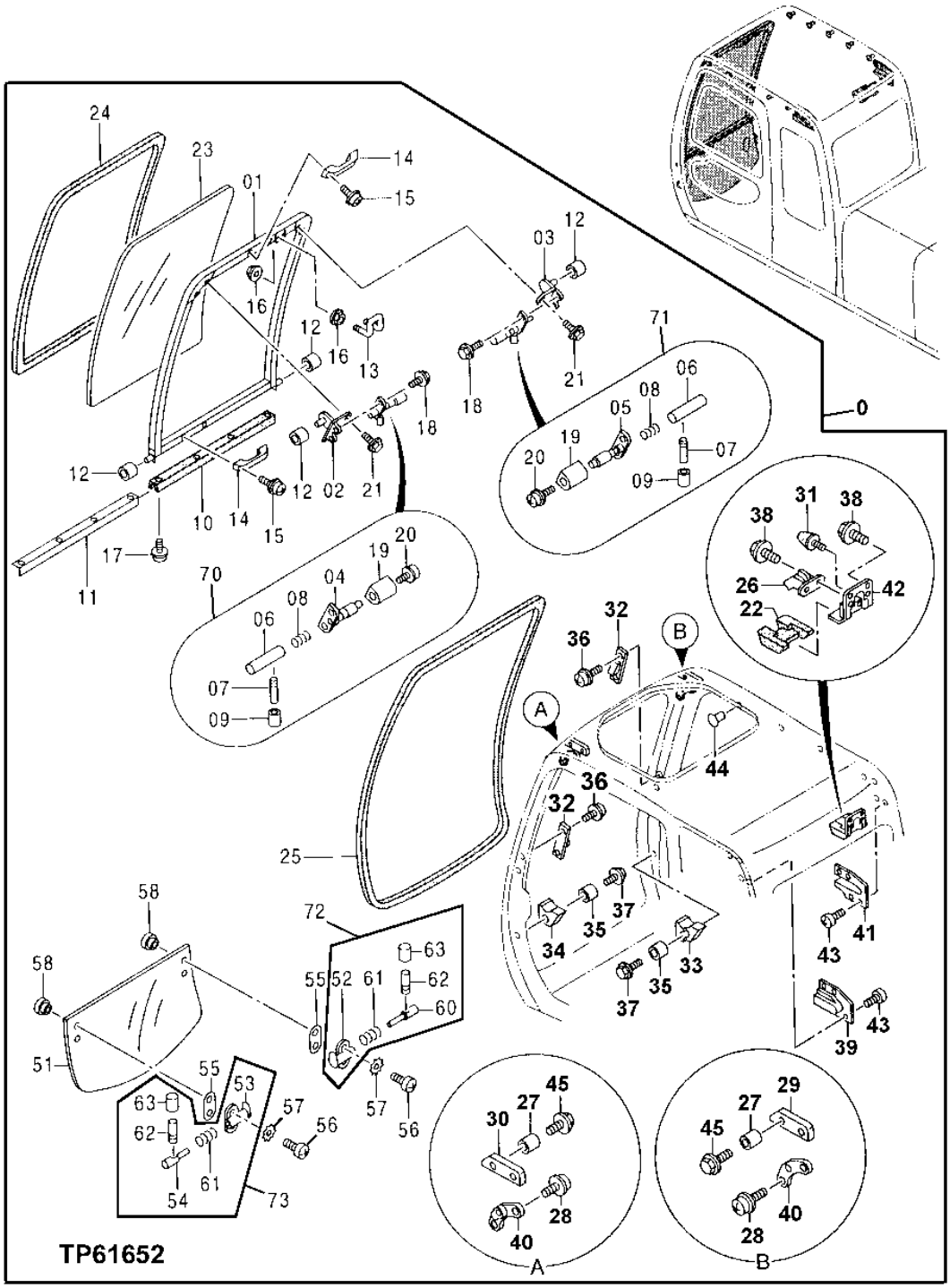


CAB COMPONENTS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4383439	CAB	1		(SUB FOR AT215570) (CONTAINS ALL ITEMS ON THIS PAGE - ADDITIONAL COMPONENTS LISTED ON PREVIOUS AND FOLLOWING PAGES)
1	4369596	FRAME	1		(SUB FOR AT214102)
2	4369604	BRACKET	1		(SUB FOR AT214108)
3	4369603	BRACKET	1		(SUB FOR AT214107)
4	4369602	RETAINER	1		(SUB FOR AT214106)
5	4369598	RETAINER	1		(SUB FOR AT214103)
6	4403327	UNIVERSAL DRIVESHAFT	2		(SUB FOR AT214104, 4369599)
7	4295480	LEVER	2		(SUB FOR AT156993)
8	494918	SPRING	2		(SUB FOR TH106783)
9	4295876	COVER	2		(SUB FOR AT156994)
10	4369607	ISOLATOR	1		(SUB FOR AT214111)
11	4369608	CHANNEL	1		(SUB FOR AT214112)
12	4369606	BUSHING	4		(SUB FOR AT214110)
13	4369605	STRIKER	1		(SUB FOR AT214109)
14	4204579	HANDLE	2		(SUB FOR TH108661)
15	19M8425	CAP SCREW	4		M6 X 16
	24M7293	WASHER	4		6.500 X 13 X 1.600 MM (0.256" X 0.512" X 0.063")
	12M7006	LOCK WASHER	4		6 MM (0.236")
16	4414857	NUT	4		(SUB FOR AT157068)
17	4372214	SCREW	4		(SUB FOR AT214301)
18	4372225	SCREW WITH WASHER	4		(SUB FOR AT214311)
19	4369600	COVER	2		(SUB FOR AT214105)
20	J680514	SCREW WITH WASHER	2		(SUB FOR AT213610)
21	4377824	SCREW WITH WASHER	4		(SUB FOR AT214312)
22	4369563	COVER	1		(SUB FOR AT214073)
23	AT214113	WINDOWPANE	1		
24	4369610	WEATHERSTRIP	1		(SUB FOR AT214114)
25	4369586	WEATHERSTRIP	1		(SUB FOR AT214096)
26	4369562	LATCH	1		(SUB FOR AT214072)
27	4369582	BUSHING	4		(SUB FOR AT214092)
28	4372210	SCREW WITH WASHER	4		(SUB FOR AT214297)
29	4369580	STOP	1		(SUB FOR AT214090)
30	4369581	STOP	1		(SUB FOR AT214091)

CAB COMPONENTS

TP61652 -UN-05MAY99

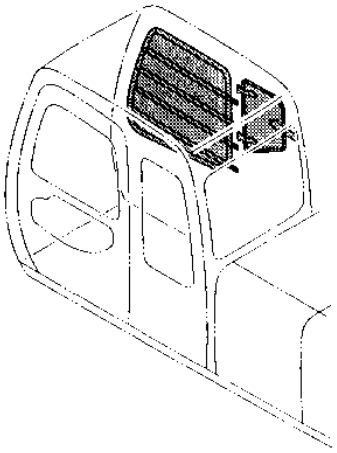


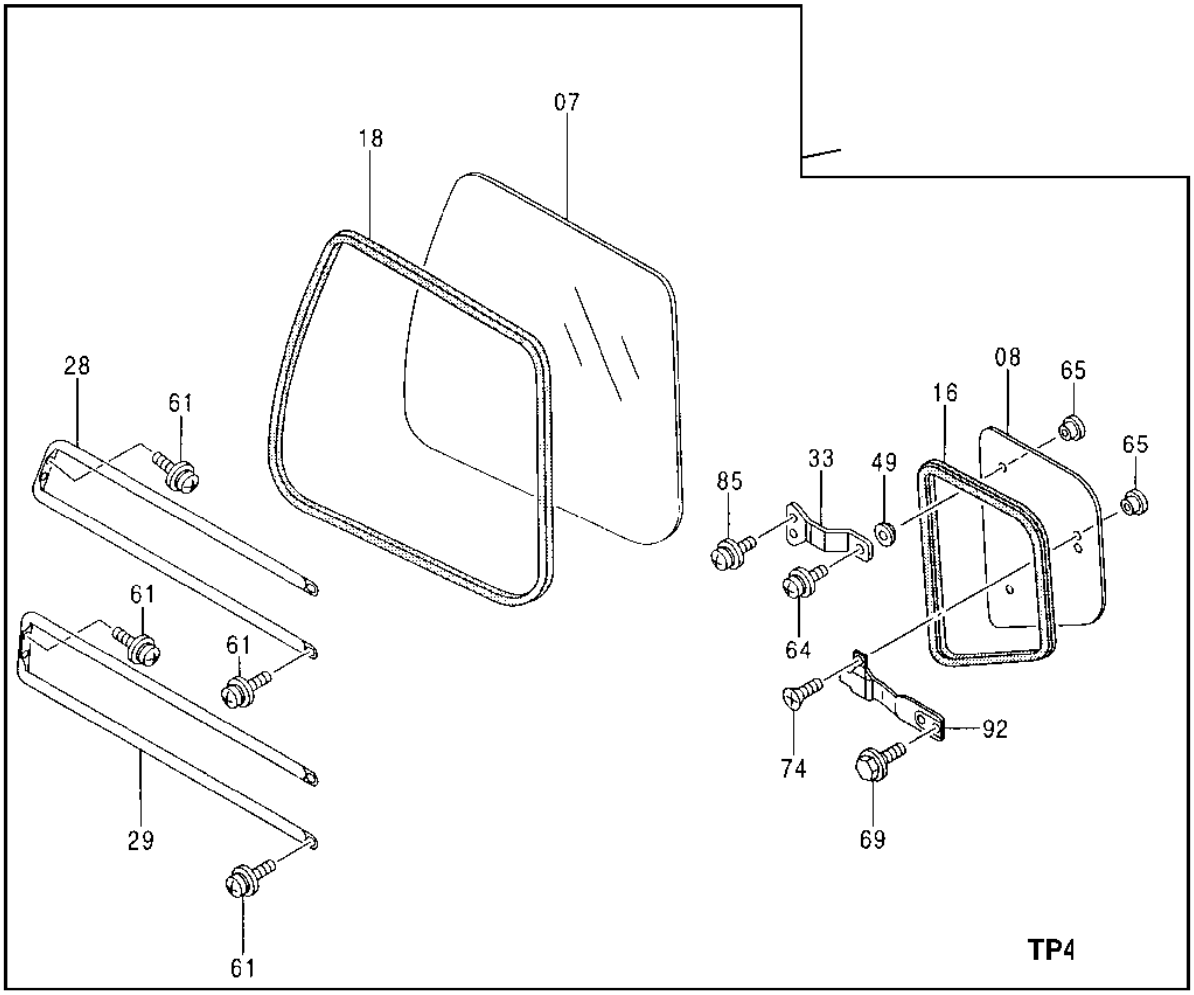
CAB COMPONENTS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4383439	CAB	1		(SUB FOR AT215570) (CONTAINS ALL ITEMS ON THIS PAGE - ADDITIONAL COMPONENTS LISTED ON PREVIOUS AND FOLLOWING PAGES)
31	4204586	STOP	1		(SUB FOR TH108668)
32	4369578	CATCH	4		(SUB FOR AT214088)
33	4403593	STOP	1		(SUB FOR AT214085)
34	4403594	STOP	1		(SUB FOR AT214086)
35	4369577	BUSHING	2		(SUB FOR AT214087)
36	4372211	SCREW WITH WASHER	12		(SUB FOR AT214298)
37	4372221	SCREW WITH WASHER	2		(SUB FOR AT214307)
38	19M7162	CAP SCREW	6		M8 X 16, (SUB FOR AT214308 OR 4372222, ALONG WITH 24M7036 AND 12M7065)
	24M7036	WASHER	6		9 X 16 X 1.600 MM (0.354" X 0.630" X 0.063")
	12M7065	LOCK WASHER	6		8 MM (0.315")
39	4369584	COVER	1		(SUB FOR AT214094)
40	4369579	GUIDE	2		(SUB FOR AT214089)
41	4369583	COVER	1		(SUB FOR AT214093)
42	4369564	BRACKET	1		(SUB FOR AT214074)
43	21M7246	SCREW	8		M6 X 16
	24M7293	WASHER	8		6.500 X 13 X 1.600 MM (0.256" X 0.512" X 0.063")
	12M7006	LOCK WASHER	8		6 MM (0.236")
44	4372088	CLIP	10		(SUB FOR AT214287)
45	4372224	SCREW WITH WASHER	4		(SUB FOR AT214310)
51	AT214097	WINDOWPANE	1		
52	4369590	LATCH	1		(SUB FOR AT214098)
53	4369593	LATCH	1		(SUB FOR AT214100)
54	4204547	PIN	1		(SUB FOR TH108626)
55	4369594	GASKET	2		(SUB FOR AT214101)
56	4372213	SCREW	4		(SUB FOR AT214300)
57	4372561	WASHER	4		(SUB FOR AT214315)
58	4369674	BUSHING	4		(SUB FOR AT214172)
60	4369591	PIN FASTENER	1		(SUB FOR AT214099)
61	494918	SPRING	2		(SUB FOR TH106783)
62	4295480	LEVER	2		(SUB FOR AT156993)
63	4295876	COVER	2		(SUB FOR AT156994)
70	.....	LATCH	1		(SUB FOR AT182612) (4395903 NO LONGER AVAILABLE - FURNISH COMPONENTS)
71	4395902	LATCH	1		(SUB FOR AT182613)
72	4395905	LATCH	1		(SUB FOR AT182614)
73	4395904	LATCH	1		(SUB FOR AT182616)

CAB COMPONENTS

TP47986 -UN-22MAY96



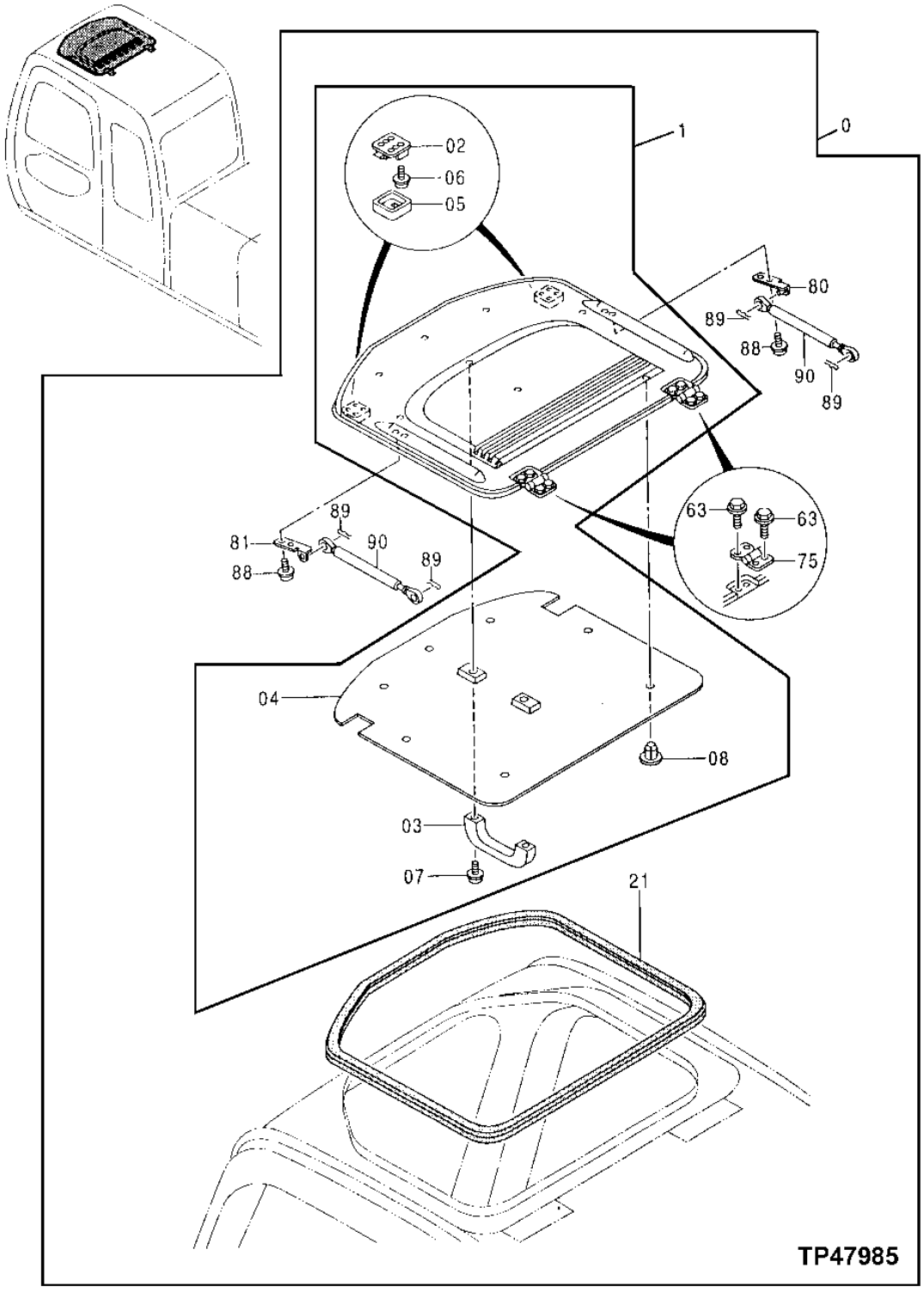


CAB COMPONENTS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4383439	CAB	1		(SUB FOR AT215570) (CONTAINS ALL ITEMS ON THIS PAGE - ADDITIONAL COMPONENTS LISTED ON PREVIOUS AND FOLLOWING PAGES)
7	AT214163	WINDOWPANE	1		
8	AT214167	WINDOWPANE	1		
16	4369669	WEATHERSTRIP	1		(SUB FOR AT214168)
18	4369665	WEATHERSTRIP	1		(SUB FOR AT214164)
28	4369666	GUARD	1		(SUB FOR AT214165)
29	4369667	GUARD	1		(SUB FOR AT214166)
33	4369670	BRACKET	2		(SUB FOR AT214169)
49	4369671	BUSHING	2		(SUB FOR AT214170)
61	4372212	SCREW WITH WASHER	8		(SUB FOR AT214299)
64	21M7271	SCREW	2		M5 X 16, (SUB FOR 21M6070)
	24M7348	WASHER	2		5.500 X 10 X 1 MM (0.217" X 0.394" X 0.039")
	12M7064	LOCK WASHER	2		5 MM (0.197")
65	4369674	BUSHING	4		(SUB FOR AT214172)
69	4372223	SCREW WITH WASHER	2		(SUB FOR AT214309)
74	4372213	SCREW	2		(SUB FOR AT214300)
85	21M7246	SCREW	4		M6 X 16
	24M7293	WASHER	4		6.500 X 13 X 1.600 MM (0.256" X 0.512" X 0.063")
	12M7006	LOCK WASHER	4		6 MM (0.236")
92	4369672	LOCK	1		(SUB FOR AT214171)

CAB COMPONENTS

TP47985 -UN-30SEP99



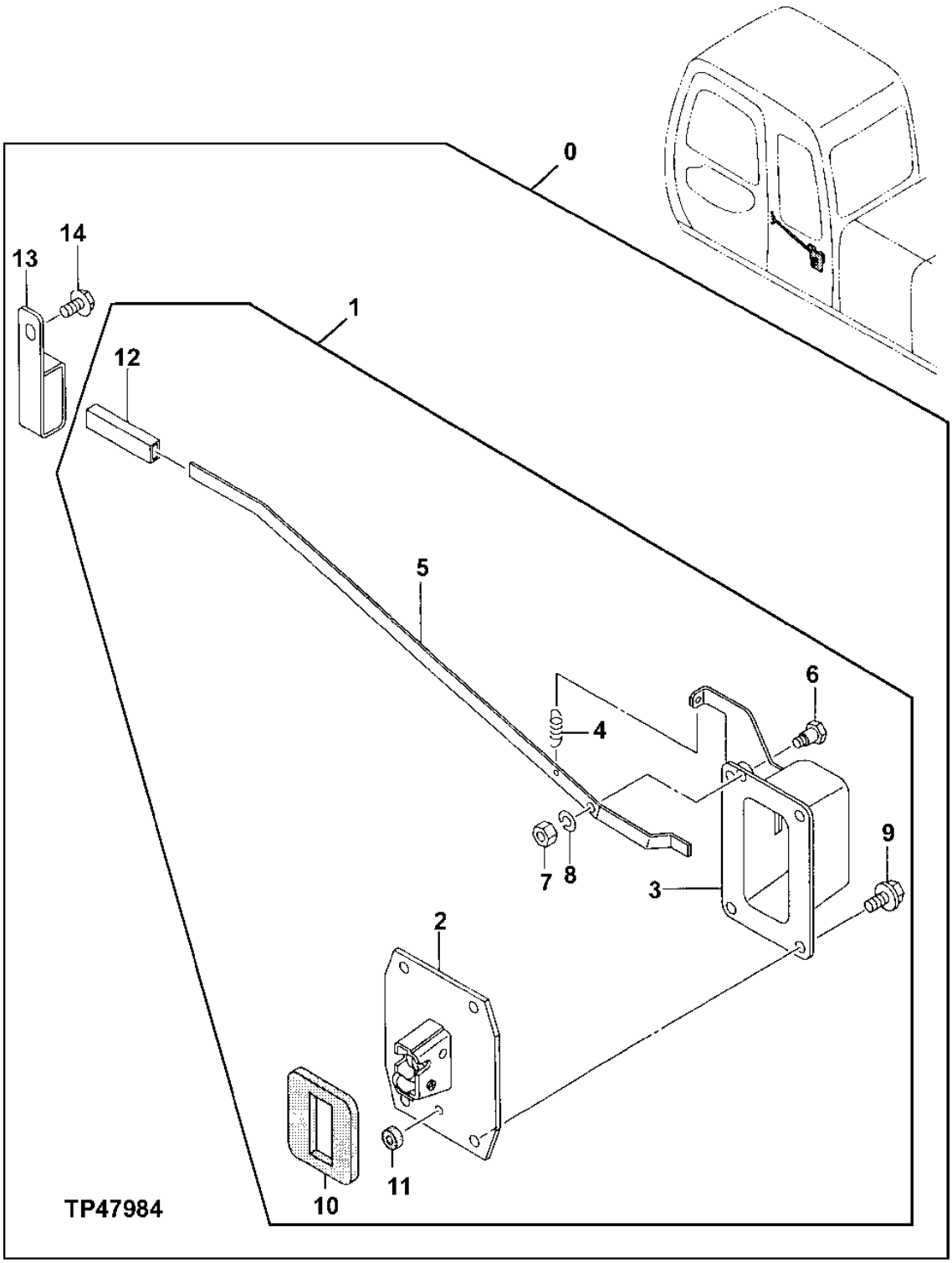
2D23

CAB COMPONENTS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4383439	CAB	1		(SUB FOR AT215570) (CONTAINS ALL ITEMS ON THIS PAGE - ADDITIONAL COMPONENTS LISTED ON PREVIOUS AND FOLLOWING PAGES)
1	4369611	ROOF	1		(SUB FOR AT214115)
2	4369615	LOCK	2		(SUB FOR AT214118)
3	4204579	HANDLE	1		(SUB FOR TH108661)
4	4369613	HEADLINER	1		(SUB FOR AT214116)
5	4369616	COVER	2		(SUB FOR AT214119)
6	21M7265	SCREW	8		M5 X 12
7	19M8425	CAP SCREW	2		M6 X 16
	24M7293	WASHER	2		6.500 X 13 X 1.600 MM (0.256" X 0.512" X 0.063")
	12M7006	LOCK WASHER	2		6 MM (0.236")
8	4369614	CLIP	7		(SUB FOR AT214117)
21	4474515	ISOLATOR	2		(SUB FOR AT214066)
63	19M7162	CAP SCREW	8		(SUB FOR AT214306)
	12M7065	LOCK WASHER	8		
	24M1136	WASHER	8		
75	4369620	HINGE	2		(SUB FOR AT214123)
80	AT307247	BRACKET	1		(SUB FOR 4369617) (RIGHT)
81	AT307248	BRACKET	1		(SUB FOR 4369618) (LEFT)
88	19M7162	CAP SCREW	4		M8 X 16, (SUB FOR AT214308 OR 4372222, ALONG WITH 24M7036 AND 12M7065)
	24M7036	WASHER	4		9 X 16 X 1.600 MM (0.354" X 0.630" X 0.063")
	12M7065	LOCK WASHER	4		8 MM (0.315")
89	H132922	COTTER PIN	4		
90	4369619	CYLINDER	2		(SUB FOR AT214122)

CAB COMPONENTS

TP47984 -UN-30SEP99

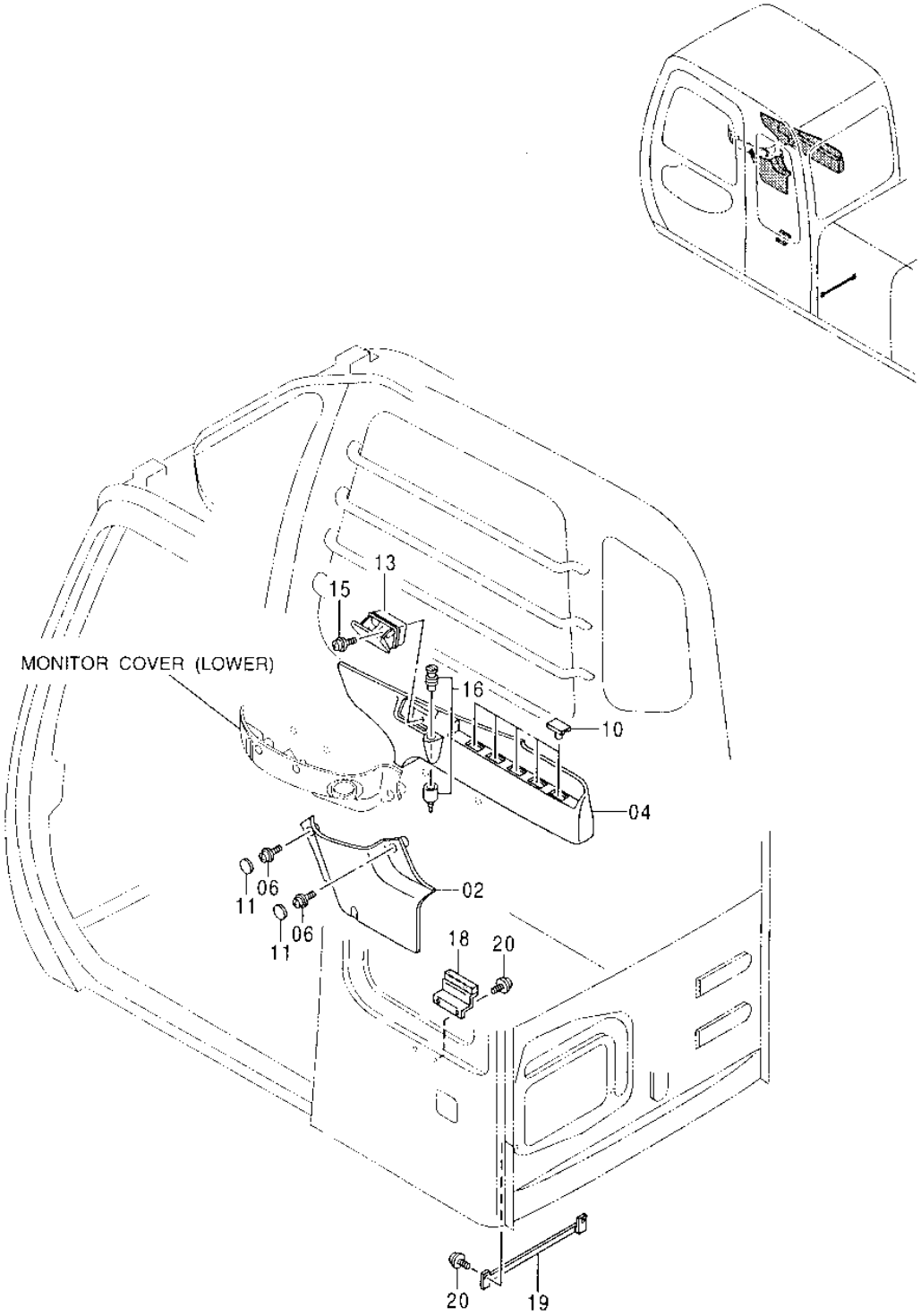


CAB COMPONENTS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4383439	CAB	1		(SUB FOR AT215570) (CONTAINS ALL ITEMS ON THIS PAGE - ADDITIONAL COMPONENTS LISTED ON PREVIOUS PAGES)
1	4369621	CATCH	4		(SUB FOR AT214124)
2	4372094	CATCH	1		(SUB FOR AT214293)
3	4372095	HOUSING	1		(SUB FOR AT214294)
4	4208103	SPRING	1		(SUB FOR AT121585)
5	4369623	LEVER	1		(SUB FOR AT214125)
6	4372209	PIN	1		(SUB FOR AT214296)
7	14M7272	NUT	1		M6
8	12M7006	LOCK WASHER	1		6 MM (0.236")
9	19M7881	SCREW	4		M8 X 20
	12M7056	LOCK WASHER	4		8 MM (0.315") (SUB FOR 12M7065)
10	4204590	GASKET	1		(SUB FOR TH108672)
11	4204591	SEAL	1		(SUB FOR TH108673)
12	4089012	CAP	1		(SUB FOR TH101184)
13	4369624	STOP	1		(SUB FOR AT214126)
14	19M7162	CAP SCREW	1		M8 X 16, (SUB FOR AT214308 OR 4372222, ALONG WITH 24M7036 AND 12M7065)
	24M7036	WASHER	1		9 X 16 X 1.600 MM (0.354" X 0.630" X 0.063")
	12M7065	LOCK WASHER	1		8 MM (0.315")

CAB INSIDE RIGHT COVER

TP47978 -UN-21MAY96

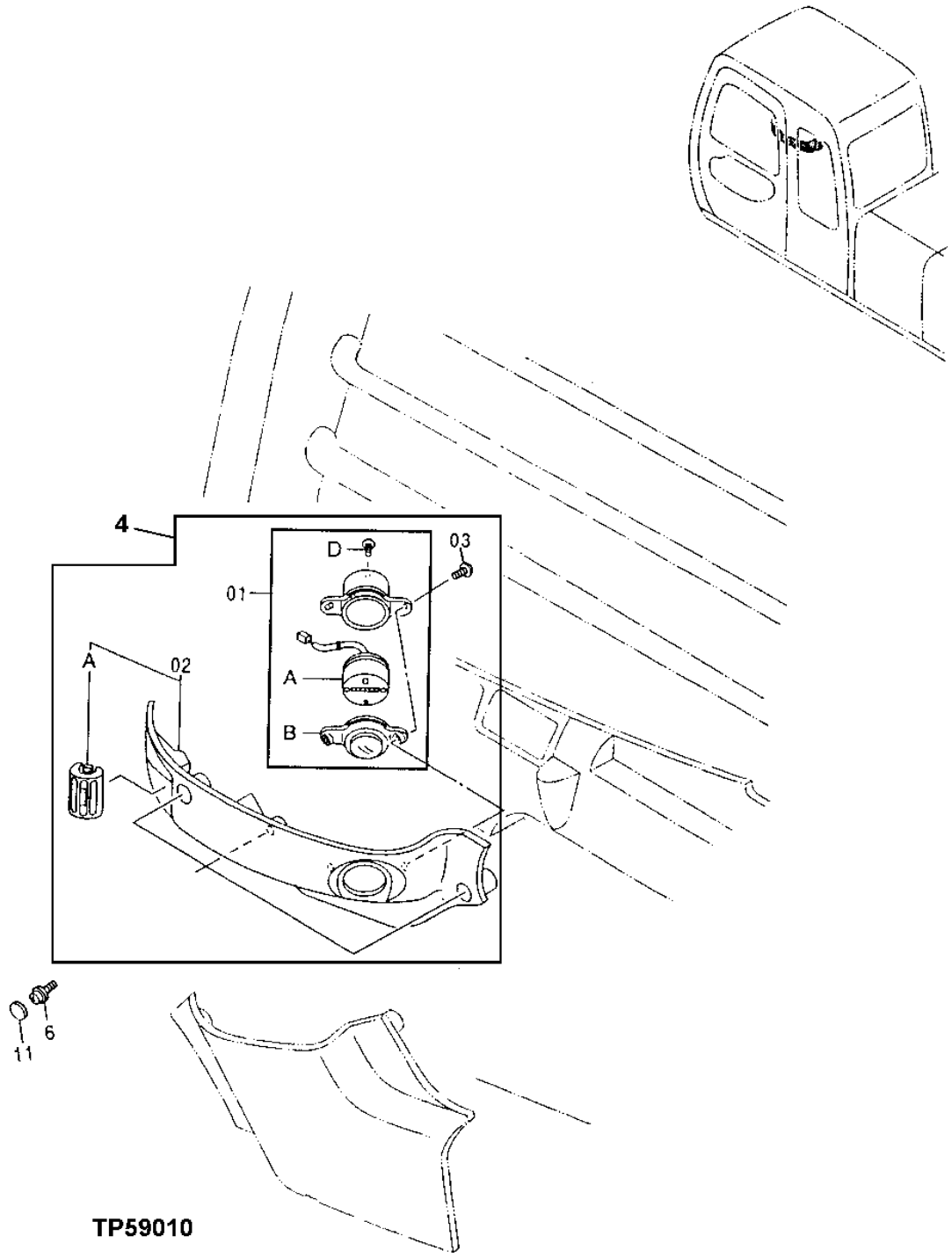


CAB INSIDE RIGHT COVER

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
2	4350246	COVER	1		(SUB FOR AT213941)
4	4350247	COVER	1		(SUB FOR AT213942)
6	19M8425	CAP SCREW	2		M6 X 16
	24M7293	WASHER	2		6.500 X 13 X 1.600 MM (0.256" X 0.512" X 0.063")
	12M7006	LOCK WASHER	2		6 MM (0.236")
10	4350778	CAP	5		(SUB FOR AT213949)
11	4350779	CAP	2		(SUB FOR AT213950)
13	4350398	ASHTRAY	1		(SUB FOR AT213945)
15	J900614	BOLT	1		(SUB FOR TH104056)
	24M7293	WASHER	1		6.500 X 13 X 1.600 MM (0.256" X 0.512" X 0.063")
	12M7006	LOCK WASHER	1		6 MM (0.236")
16	AR60937	ELECTRICAL LIGHTER	1		(12 VOLT)
	AU42809	RESISTOR	1		(12 VOLT)
	AT78634	WIRING LEAD	1		(12 VOLT)
	AT78633	HOUSING	1		(12 VOLT)
	.....	ELECTRICAL LIGHTER	1		(SUB FOR AT190190) (24 VOLT) (4357862 NO LONGER AVAILABLE)
18	.....	BRACKET	1		(AT214373 BRACKET NOT REQUIRED)
19	3074721	BRACKET	1		(SUB FOR AT213791)
20	19M8425	CAP SCREW	2		M6 X 16
	24M7293	WASHER	2		6.500 X 13 X 1.600 MM (0.256" X 0.512" X 0.063")
	12M7006	LOCK WASHER	2		6 MM (0.236")

LOWER MONITOR COVER

TP59010 -UN-02MAR98

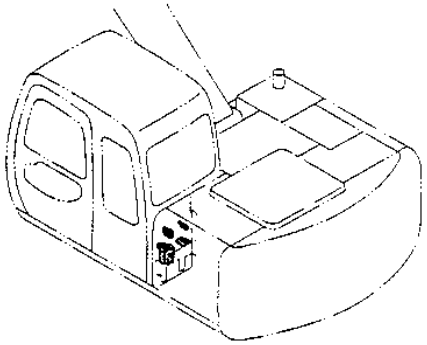


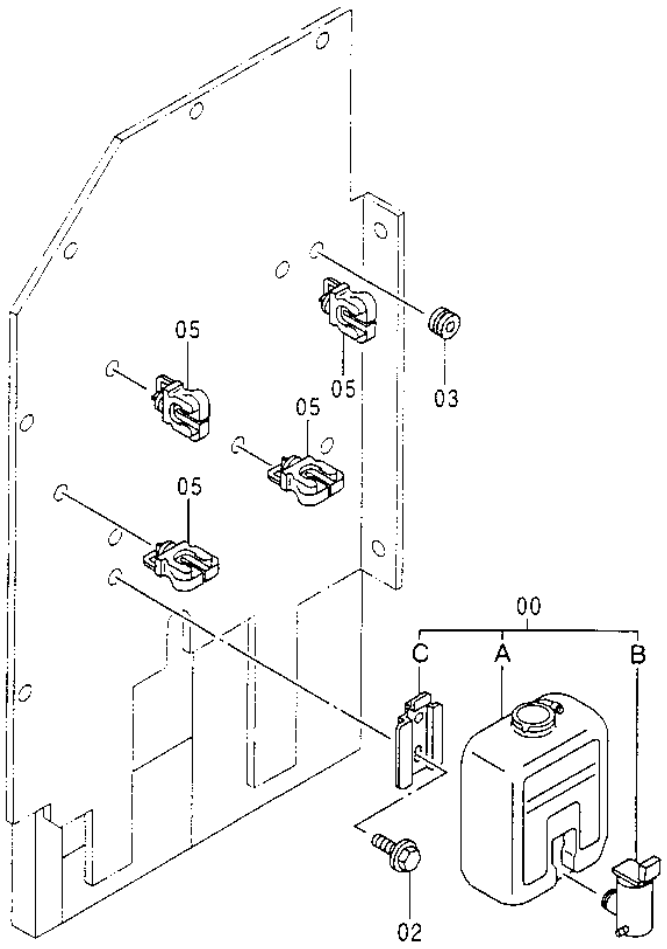
LOWER MONITOR COVER

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	4370312	HOUR METER	1		(SUB FOR AT214258)
1A	4370313	HOUR METER	1		(SUB FOR AT214259)
1B	4370314	LENS	1		(SUB FOR AT214260)
1D	4349998	SCREW	3		(SUB FOR AT213934)
2	4370316	COVER	1		(SUB FOR AT214261)
2A	4370317	LOUVER	1		(SUB FOR AT214262)
3	4297101	SCREW	2		(SUB FOR AT155616)
4	4350245	COVER	1		(SUB FOR AP34402)
6	19M8425	CAP SCREW	3		M6 X 16
	24M7293	WASHER	3		6.500 X 13 X 1.600 MM (0.256" X 0.512" X 0.063")
	12M7006	LOCK WASHER	3		6 MM (0.236")
11	4350779	CAP	3		(SUB FOR AT213950)

WINDOW WASHER

TP54480 -UN-17JAN97





TP54480

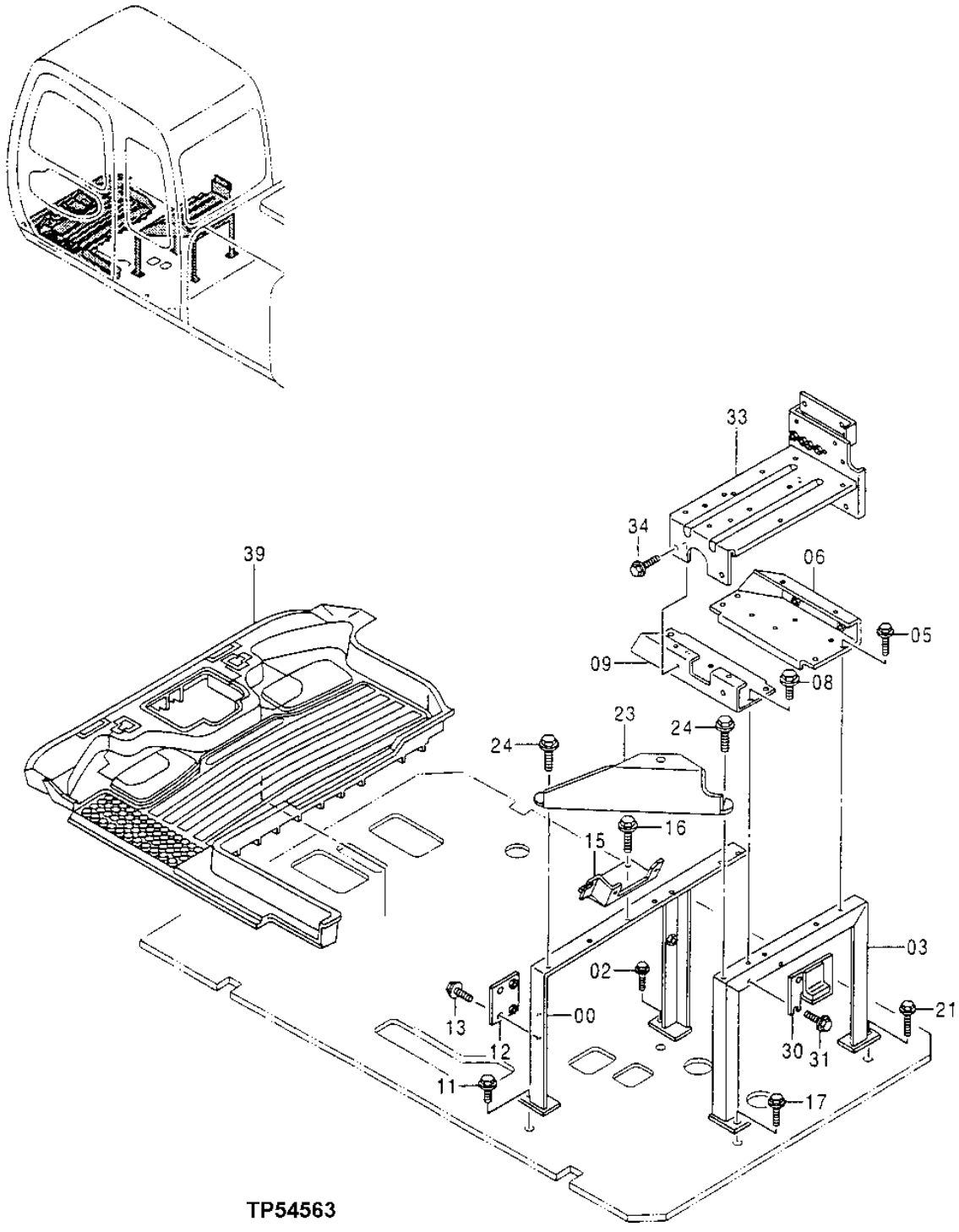
2E6

WINDOW WASHER

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4333185	WINDSHIELD WASHER	1		(SUB FOR AT177804)
0A	4369472	RESERVOIR	1		(SUB FOR AT177805)
0B	4326095	PUMP	1		(SUB FOR AT187562)
0C	4338974	BRACKET	1		(SUB FOR AT177806)
2	19M8425	CAP SCREW	2		M6 X 16
	24M7054	WASHER	2		6.400 X 12 X 1.600 MM (0.252" X 0.472" X 0.063")
	12M7006	LOCK WASHER	2		6 MM (0.236")
3	94-2817	GROMMET	1		(SUB FOR TH102171)
5	4343690	CLIP	4		(SUB FOR AT213895)

CAB FLOOR PARTS

TP54563 -UN-14FEB97



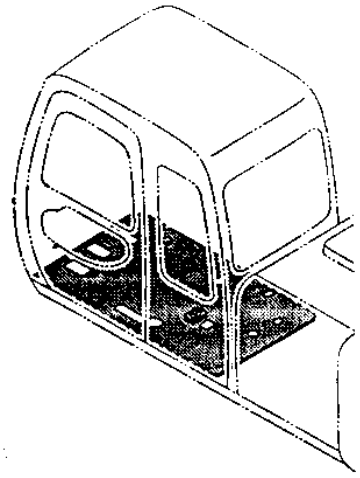
TP54563

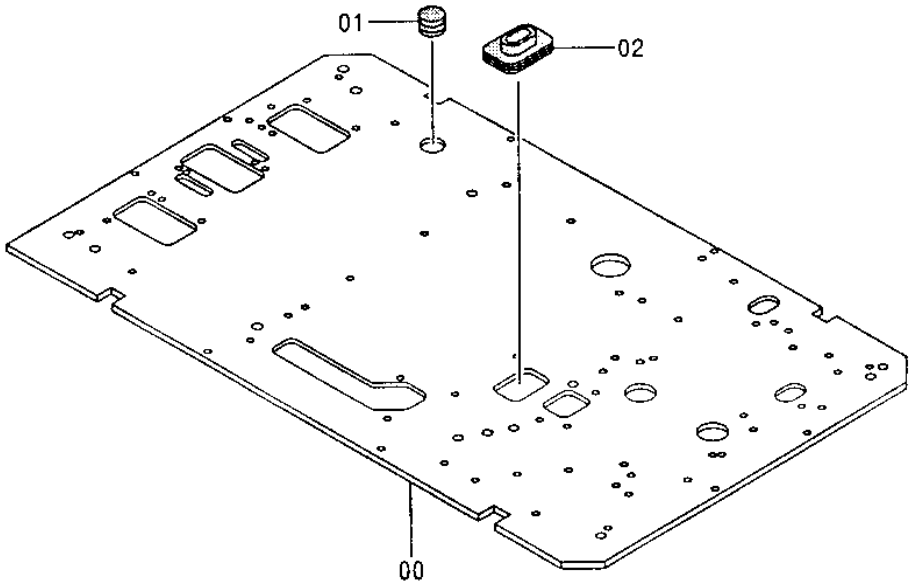
CAB FLOOR PARTS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	7029266	SUPPORT	1		(SUB FOR AT217850)
2	12M7066	LOCK WASHER	1		
	19M7402	CAP SCREW	1		
3	7029267	SUPPORT	1		(SUB FOR AT217851)
5	12M7056	LOCK WASHER	4		8 MM (0.315") (SUB FOR 12M7065)
	19M7881	SCREW	4		M8 X 20
	24M7055	WASHER	4		8.400 X 16 X 1.600 MM (0.331" X 0.630" X 0.063")
6	8060883	BRACKET	1		(SUB FOR AT215996)
8	12M7056	LOCK WASHER	4		8 MM (0.315") (SUB FOR 12M7065)
	19M7881	SCREW	4		M8 X 20
	24M7055	WASHER	4		8.400 X 16 X 1.600 MM (0.331" X 0.630" X 0.063")
9	8060884	BRACKET	1		(SUB FOR AT215997)
11	19M7662	CAP SCREW	1		M10 X 30
	24M7028	WASHER	1		10.500 X 20 X 2 MM (0.413" X 0.787" X 0.079")
	12M7066	LOCK WASHER	1		10 MM (0.394")
12	9743487	BRACKET	1		(SUB FOR AT216026)
13	12M7056	LOCK WASHER	2		8 MM (0.315") (SUB FOR 12M7065)
	19M7881	SCREW	2		M8 X 20
	24M7055	WASHER	2		8.400 X 16 X 1.600 MM (0.331" X 0.630" X 0.063")
15	8060885	BRACKET	1		(SUB FOR AT215998)
16	12M7056	LOCK WASHER	2		8 MM (0.315") (SUB FOR 12M7065)
	19M7881	SCREW	2		M8 X 20
	24M7055	WASHER	2		8.400 X 16 X 1.600 MM (0.331" X 0.630" X 0.063")
17	12M7066	LOCK WASHER	1		10 MM (0.394")
	19M7402	CAP SCREW	1		M10 X 25
21	19M7662	CAP SCREW	1		M10 X 30
	24M7028	WASHER	1		10.500 X 20 X 2 MM (0.413" X 0.787" X 0.079")
	12M7066	LOCK WASHER	1		10 MM (0.394")
23	AT307700	BRACKET	1		(SUB FOR AT216027 OR 9743628)
24	12M7056	LOCK WASHER	2		8 MM (0.315") (SUB FOR 12M7065)
	19M7881	SCREW	2		M8 X 20
	24M7055	WASHER	2		8.400 X 16 X 1.600 MM (0.331" X 0.630" X 0.063")
30	8061717	BRACKET	1		(SUB FOR AT216000)
31	12M7056	LOCK WASHER	2		8 MM (0.315") (SUB FOR 12M7065)
	19M7881	SCREW	2		M8 X 20
	24M7055	WASHER	2		8.400 X 16 X 1.600 MM (0.331" X 0.630" X 0.063")
33	7029268	BRACKET	1		(SUB FOR AT215992)
34	12M7056	LOCK WASHER	4		8 MM (0.315") (SUB FOR 12M7065)
	19M7881	SCREW	4		M8 X 20
	24M7055	WASHER	4		8.400 X 16 X 1.600 MM (0.331" X 0.630" X 0.063")
39	0002043	MAT	1		(SUB FOR AT213625)

FLOOR PLATE

TP58887 -UN-23DEC97





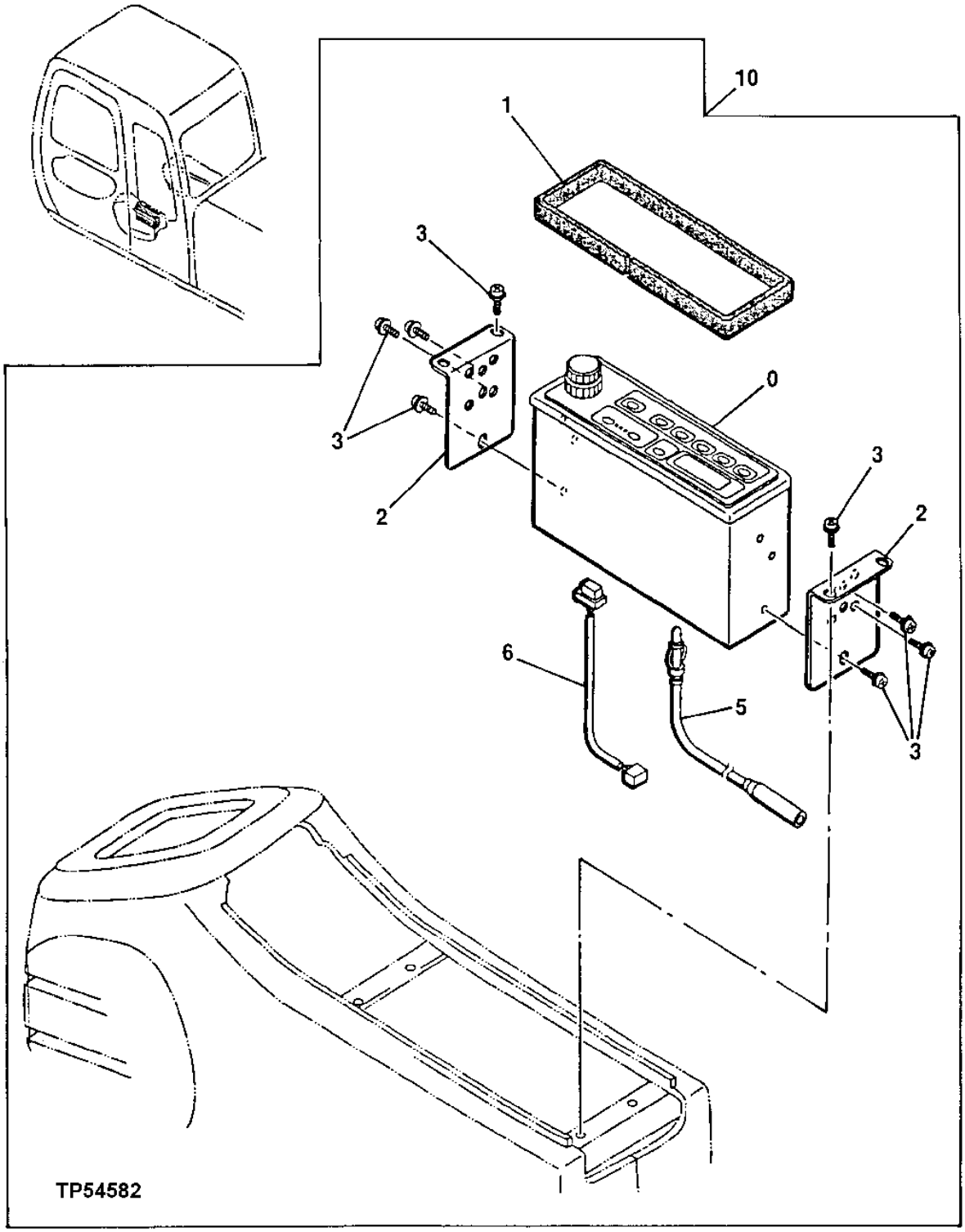
TP58887

FLOOR PLATE

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	6014634	PLATFORM	1		(SUB FOR AT217846)
1	4205084	GROMMET	1		(SUB FOR AT155004) (SUB FOR TH108616)
2	4351011	GROMMET	1		(SUB FOR AT213954)

RADIO

TP54582 -UN-07FEB97



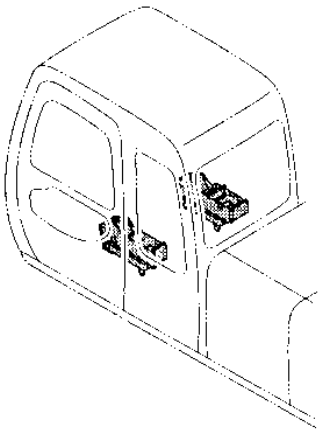
2E12

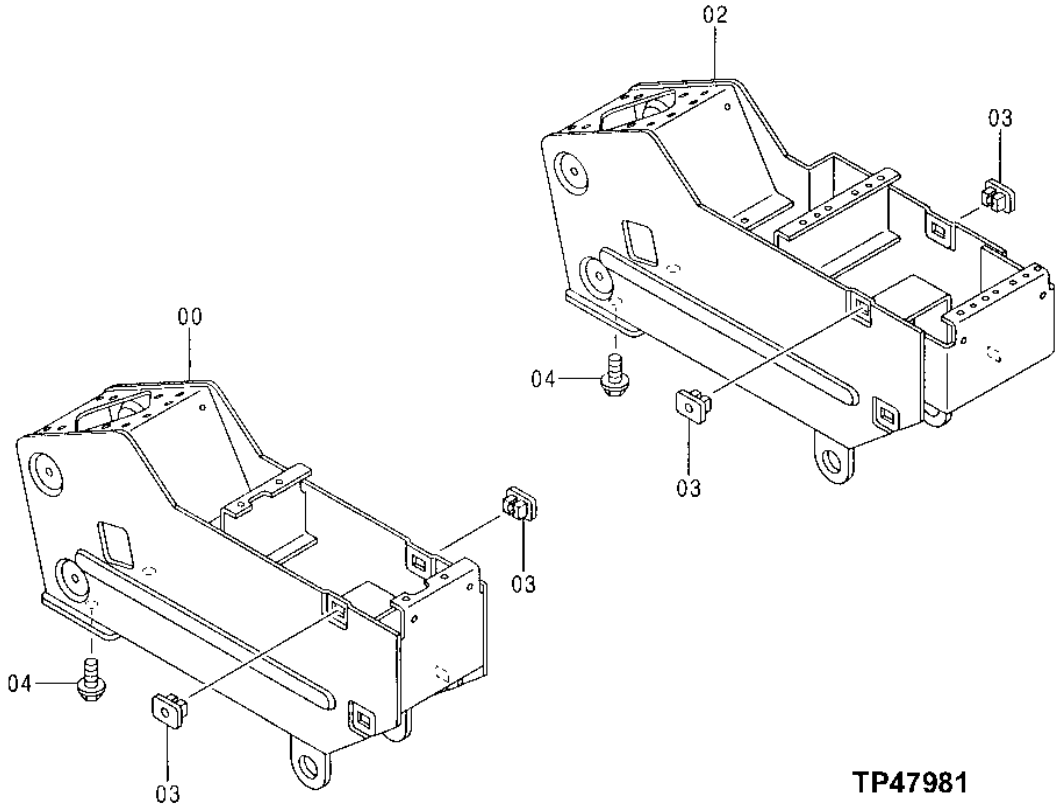
RADIO

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4640468	RADIO	1		(SUB FOR 4613913, AT214430, 4351187)
1	4368973	ISOLATOR	1		(SUB FOR AT215533)
2	4341706	BRACKET	2		(SUB FOR AT213883)
3	19M7700	CAP SCREW	10		M5 X 10
	12M7064	LOCK WASHER	10		5 MM (0.197")
	24M7348	WASHER	10		5.500 X 10 X 1 MM (0.217" X 0.394" X 0.039")
5	4102096	WIRING HARNESS	1		(SUB FOR AT154913)
6	2037305	WIRING HARNESS	1		(SUB FOR AT215479)
10	AT181125	RADIO	1		(KIT)

CONSOLE

TP47981 -UN-22SEP99





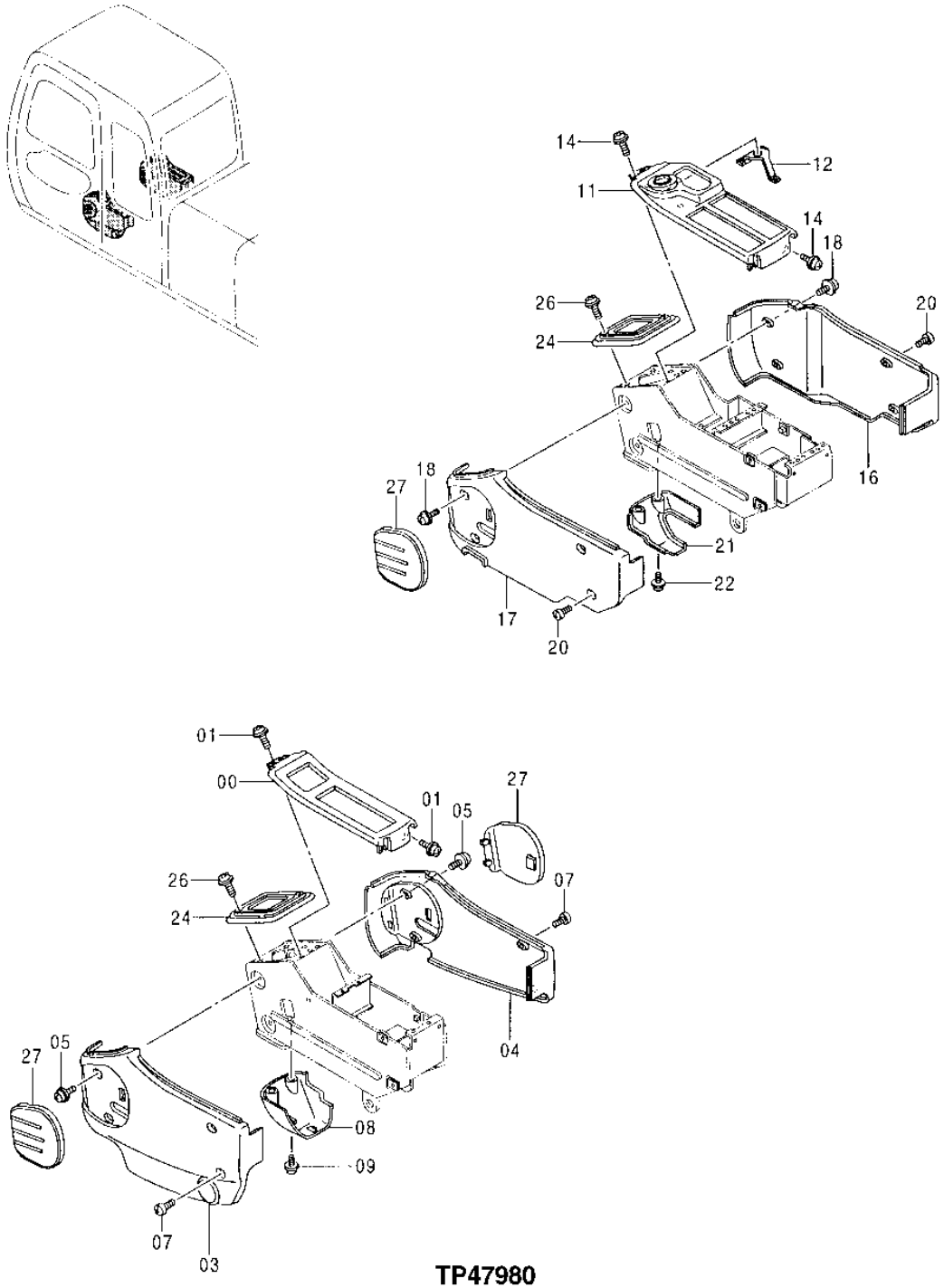
2E14

CONSOLE

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	6014737	CONSOLE	1		(SUB FOR AT214326)
2	6014741	CONSOLE	1		(SUB FOR AT214327)
3	4351255	CLIP	8		(SUB FOR AT213958)
4	12M7066	LOCK WASHER	4		10 MM (0.394")
	19M7662	CAP SCREW	4		M10 X 30

CONSOLE COVER

TP47980 -UN-21MAY96



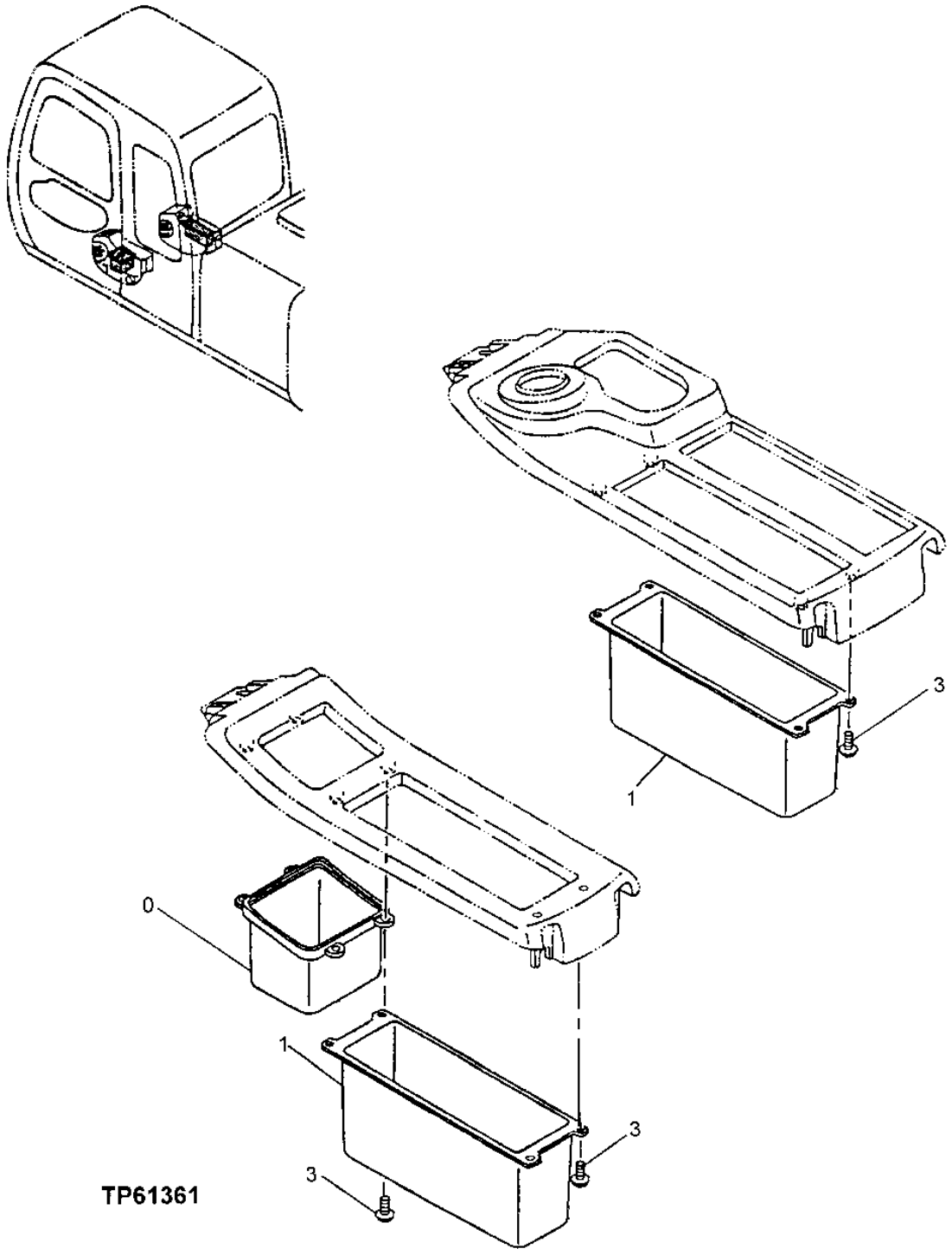
TP47980

CONSOLE COVER

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	1021354	COVER	1		(SUB FOR AT213726)
1	21M7246	SCREW	4		M6 X 16
	24M7105	WASHER	4		6 X 12 X 1.600 MM (0.236" X 0.472" X 0.063")
	12M7006	LOCK WASHER	4		6 MM (0.236")
3	1021345	COVER	1		(SUB FOR AT213722)
4	1021346	COVER	1		(SUB FOR AT213723)
5	21M7246	SCREW	4		M6 X 16
	24M7105	WASHER	4		6 X 12 X 1.600 MM (0.236" X 0.472" X 0.063")
	12M7006	LOCK WASHER	4		6 MM (0.236")
7	4361802	SCREW	4		(SUB FOR AT214012)
8	3072629	COVER	1		(SUB FOR AT213779)
9	21M7246	SCREW	2		M6 X 16
	24M7105	WASHER	2		6 X 12 X 1.600 MM (0.236" X 0.472" X 0.063")
	12M7006	LOCK WASHER	2		6 MM (0.236")
11	5004653	COVER	1		(SUB FOR AT214324)
12	3072716	BRACKET	1		(SUB FOR AT213783)
14	21M7246	SCREW	4		M6 X 16
	24M7105	WASHER	4		6 X 12 X 1.600 MM (0.236" X 0.472" X 0.063")
	12M7006	LOCK WASHER	4		6 MM (0.236")
16	1021350	COVER	1		(SUB FOR AT213725)
17	1021349	COVER	1		(SUB FOR AT213724)
18	21M7246	SCREW	4		M6 X 16
	24M7105	WASHER	4		6 X 12 X 1.600 MM (0.236" X 0.472" X 0.063")
	12M7006	LOCK WASHER	4		6 MM (0.236")
20	4361802	SCREW	4		(SUB FOR AT214012)
21	3072613	COVER	1		(SUB FOR AT213778)
22	21M7246	SCREW	2		M6 X 16
	24M7105	WASHER	2		6 X 12 X 1.600 MM (0.236" X 0.472" X 0.063")
	12M7006	LOCK WASHER	2		6 MM (0.236")
24	2037689	COVER	2		(SUB FOR AT213739)
26	19M7177	CAP SCREW	8		M6 X 35
	24M7293	WASHER	8		6.500 X 13 X 1.600 MM (0.256" X 0.512" X 0.063")
	12M7006	LOCK WASHER	8		6 MM (0.236")
27	4351277	COVER	3		(SUB FOR AT213960)

CONSOLE COVER

TP61361 -UN-10NOV98

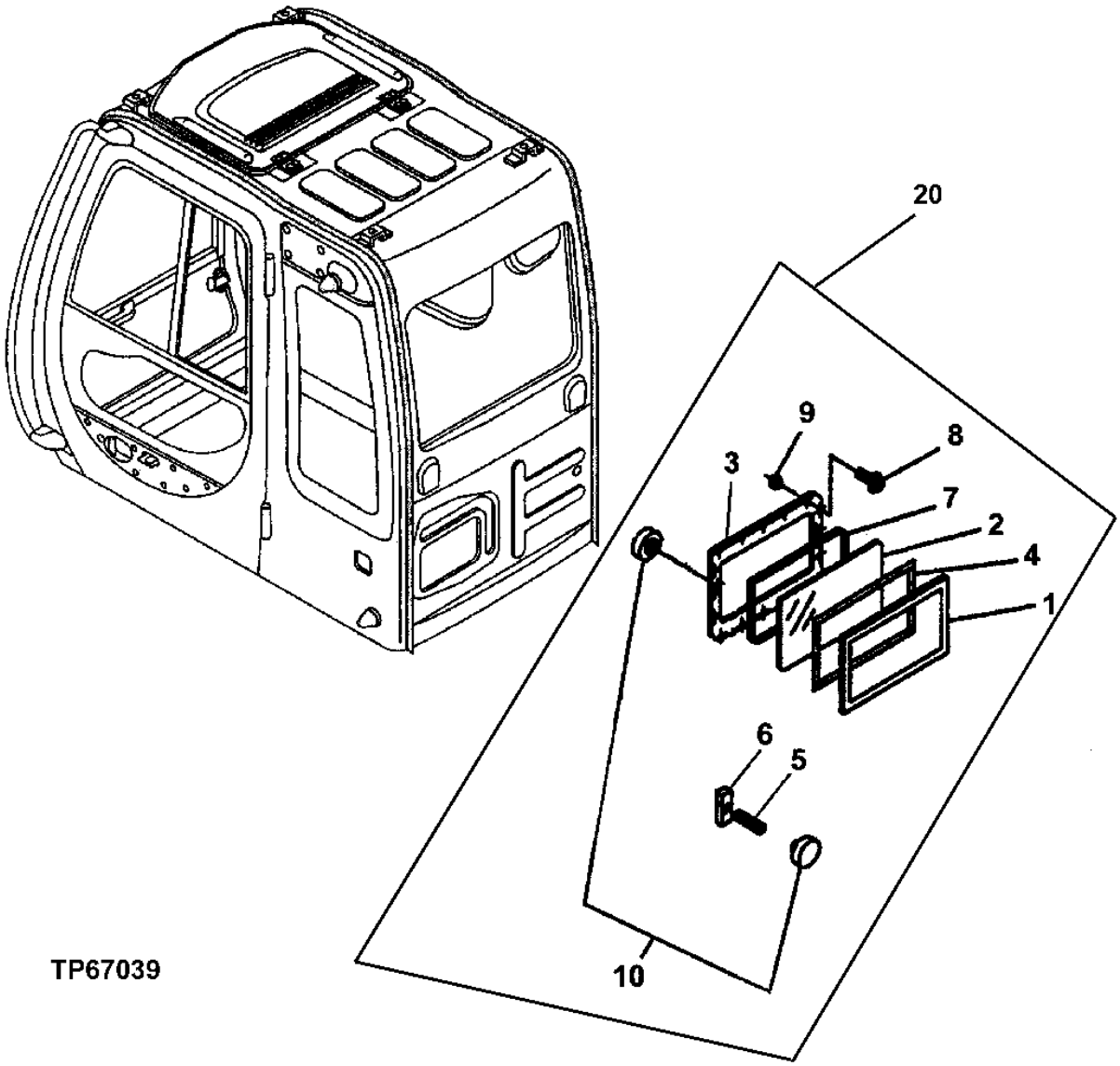


CONSOLE COVER

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	3072699	CASE	1		(SUB FOR AT217731)
1	3072700	TRAY	2		(SUB FOR AT213782) (FOR UNITS WITHOUT RADIO)
3	4361800	SCREW	8		(SUB FOR AT214011)

SECONDARY EXIT WINDOW KIT

TP67039 -UN-21FEB00

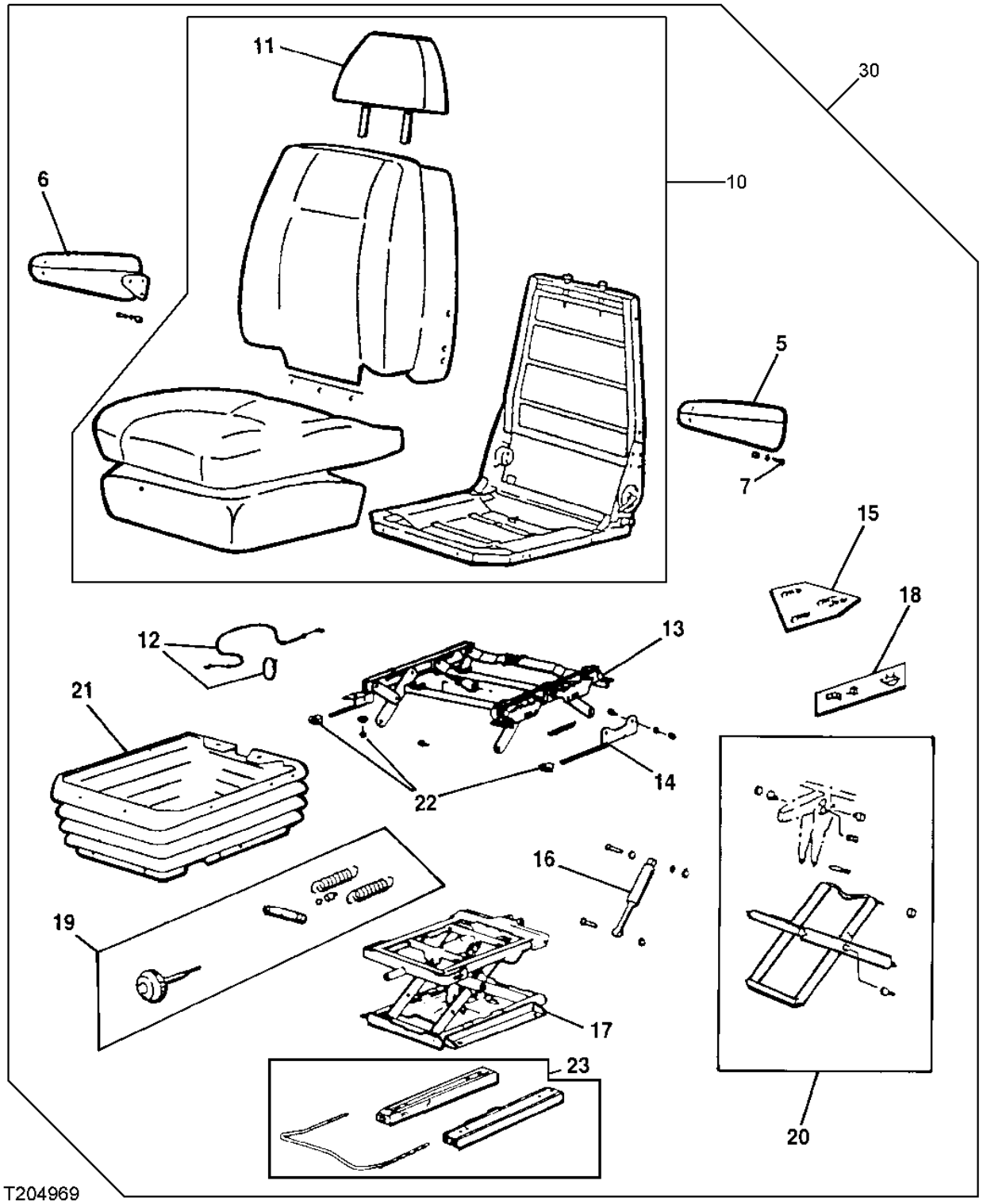


SECONDARY EXIT WINDOW KIT

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	FFSB103019	FRAME	1		
2	FFSB103020	WINDOWPANE	1		
3	.....	FRAME	1		(FFSB103021 NO LONGER AVAILABLE FOR SERVICE)
4	FFSB103022	WEATHERSTRIP	1		
5	FFSB103023	ROD	2		
6	FFSB103024	BLOCK CLAMP	2		
7	.....	WEATHERSTRIP	1		(FFSB103025 NOT AVAILABLE FOR SERVICE) (FURNISH FFSB107987 BULK MATERIAL CUT TO 2300 MM LENGTH)
8	19H2924	SCREW	16		6.350 X 19.050 MM (1/4" X 3/4")
9	K40001	LOCK NUT	16		(FFSB102853 NO LONGER AVAILABLE)
10	FFSB103031	KNOB	4		(ASSEMBLY CONTAINS FOUR PIECES)
20	FFSB104490	KIT	1		WHOLEGOODS (REAR SECONDARY EXIT WINDOW)

SEAT

T204969 -UN-17NOV04

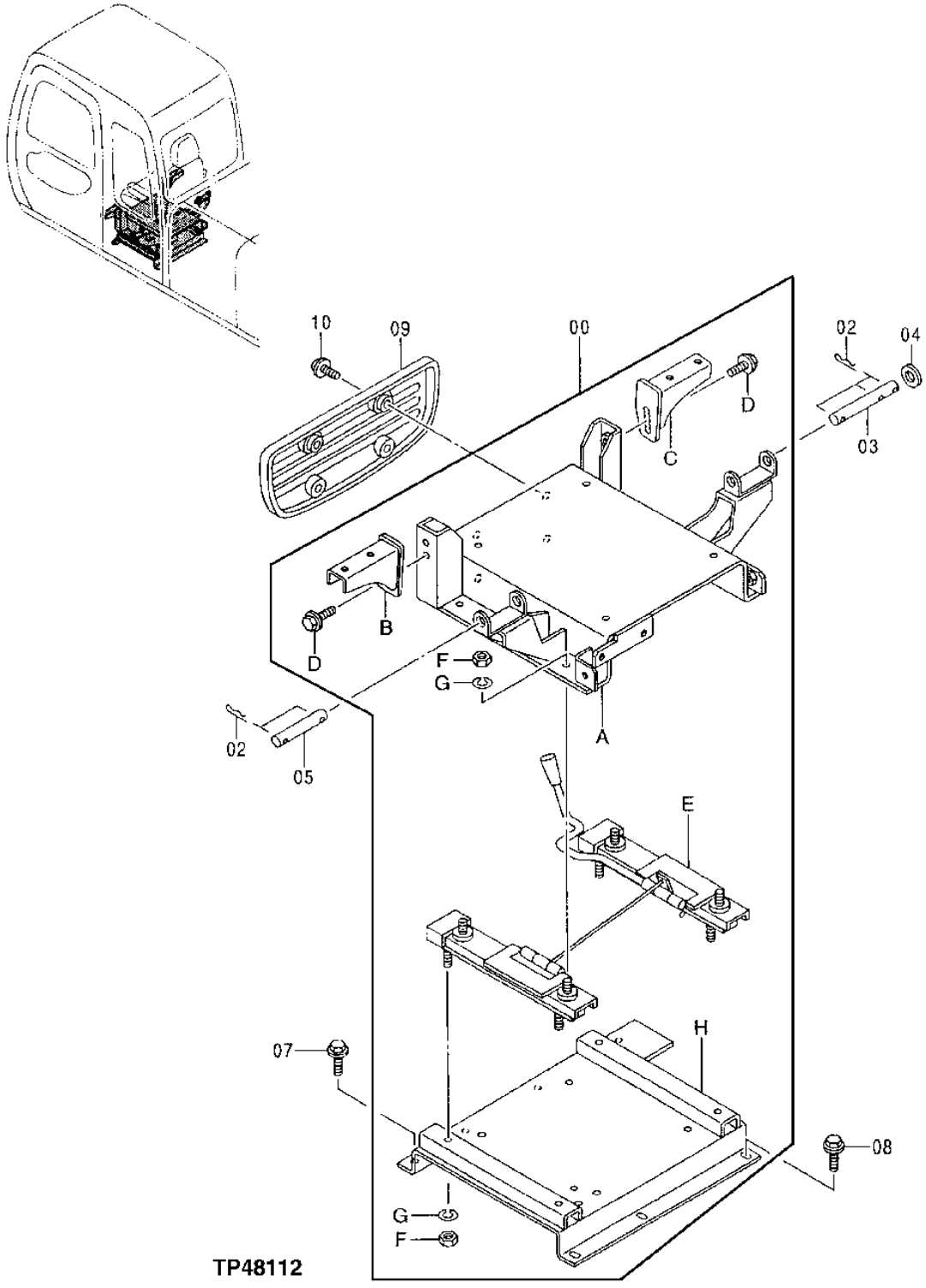


SEAT

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
5	AT216533	ARMREST	1		(STANDARD LEFT ARMREST)
	AT179815	ARMREST	1		(4 INCH WIDE LEFT ARMREST)
6	AT216534	ARMREST	1		(STANDARD RIGHT ARMREST)
	AT179816	ARMREST	1		(4 INCH RIGHT ARMREST)
7	19M8818	SCREW	4		(USE WITH 4 INCH WIDE ARMRESTS)
	AT191447	KIT	1		(CONTAINS 4 SCREWS FOR STANDARD ARMRESTS)
10	AT216520	SEAT	1		
11	AT216521	HEAD RESTRAINT	1		
12	AT216522	CABLE	1		
13	AT216523	BASE	1		(HEIGHT ADJUSTER ASSEMBLY)
14	AT216523	BASE	1		(SUB FOR AT216524)
15	AT216525	SPRING	1		
16	AT216526	TORSIONAL DAMPER	1		
17	AT216527	SEAT SUSPENSION	1		
18	AT138345	BUMPER	1		
19	AT138346	ADJUSTER	1		
20	AT138349	BEARING KIT	1		
21	AT216531	COVER	1		
22	AT216532	KIT	1		(UNDER SEAT)
23	AT216535	ADJUSTER	1		
30	AP33296	SEAT	1		

SEAT STAND

TP48112 -UN-07AUG96

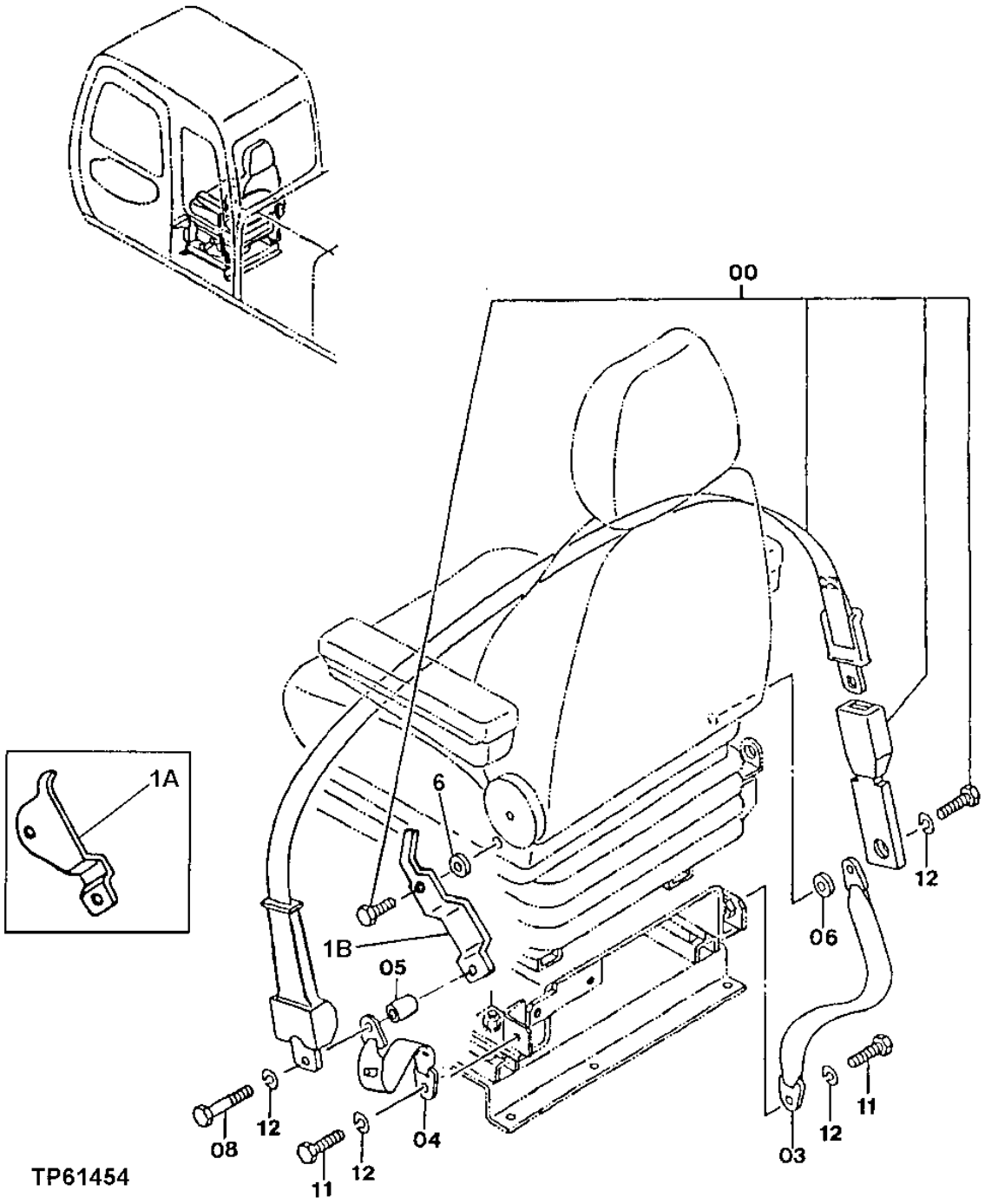


SEAT STAND

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	.....	STAND	1		(NOT AVAILABLE FOR SERVICE)
0A	7032230	BASE	1		(SUB FOR AT216006)
0B	AT307743	BRACKET	1		(SUB FOR 8061123) (LEFT)
0C	AT307744	BRACKET	1		(SUB FOR 8061563) (RIGHT)
0D	19M7402	CAP SCREW	4		M10 X 25
	12M7066	LOCK WASHER	4		10 MM (0.394")
	24M7028	WASHER	4		10.500 X 20 X 2 MM (0.413" X 0.787" X 0.079")
0E	4382794	DRAWER SLIDE	1		(SUB FOR AT215566)
0F	J952010	NUT	8		(SUB FOR TH104196)
0G	12M7066	LOCK WASHER	8		10 MM (0.394")
0H	8068058	STAND	1		
2	CH11528	QUICK LOCK PIN	5		(SUB FOR (5) P63175)
3	4341890	PIN	1		(SUB FOR AT215518)
4	N231749	WASHER	1		20.625 X 38.100 X 6.350 MM (13/16" X 1-1/2" X 1/4")
5	4376707	PIN	1		(SUB FOR AT215555)
7	19M7402	CAP SCREW	4		M10 X 25
	12M7066	LOCK WASHER	4		10 MM (0.394")
	24M7028	WASHER	4		10.500 X 20 X 2 MM (0.413" X 0.787" X 0.079")
8	19M7402	CAP SCREW	3		M10 X 25
	12M7066	LOCK WASHER	3		10 MM (0.394")
	24M7028	WASHER	3		10.500 X 20 X 2 MM (0.413" X 0.787" X 0.079")
9	3072610	COVER	1		(SUB FOR AT215483)
10	21M7277	SCREW	4		M6 X 25
	12M7006	LOCK WASHER	4		6 MM (0.236")
	24M7293	WASHER	4		6.500 X 13 X 1.600 MM (0.256" X 0.512" X 0.063")

SEAT BELT

TP61454 -UN-23FEB99

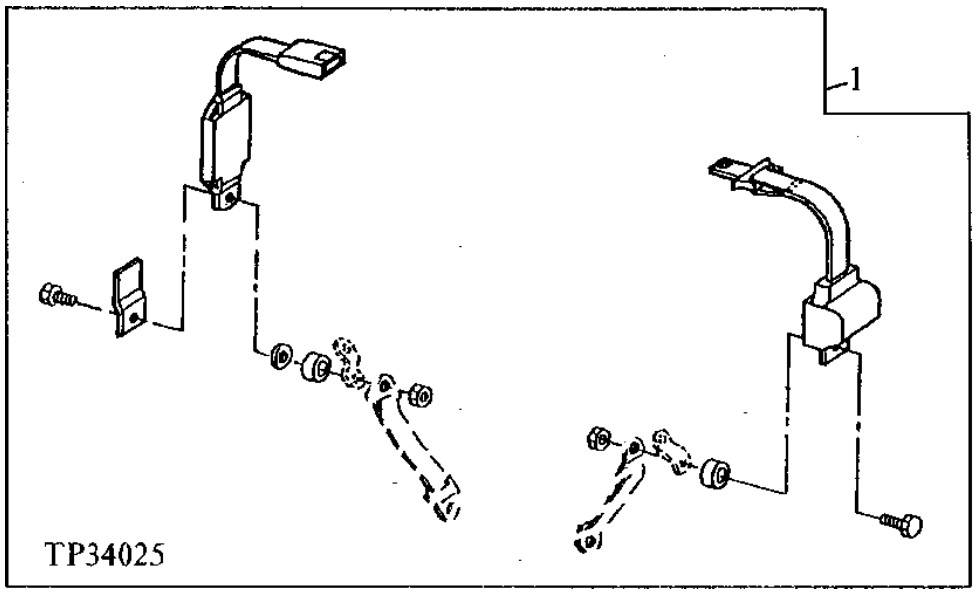


SEAT BELT

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4384239	SEAT BELT	1	-XXXXXX	(SUB FOR AT215572)
	AT175772	SEAT BELT	1	XXXXXX-	
1A	.....	SUPPORT	1		(AP33293 NO LONGER AVAILABLE) (SUB AP36524)
1B	AP36524	SUPPORT	1		
3	4382410	RETAINER	1	XXXXXX-	STRAP, (SUB FOR AT215563)
	P63326	STRAP	1	-XXXXXX	
4	4372917	RETAINER	1	XXXXXX-	STRAP, (SUB FOR AT215537)
	P63325	STRAP	1	-XXXXXX	
5	4382432	SLEEVE	1	-XXXXXX	(SUB FOR AT215564)
	P60914	SPACER	1	XXXXXX-	
6	4382554	WASHER	2	-XXXXXX	(SUB FOR AT215565)
	4372200	SPACER	2	XXXXXX-	(SUB FOR P60915)
8	4380534	CAP SCREW	1	-XXXXXX	(SUB FOR AT215561)
	19H3007	CAP SCREW	1	XXXXXX-	7/16" X 2-1/2"
11	19H3187	CAP SCREW	2		11.125 X 38.100 MM (7/16" X 1-1/2")
12	12H301	LOCK WASHER	4		12.700 MM (1/2")

RETRACTABLE SEAT BELT
76MM (3 IN.) WIDE

TP34025 -UN-01JAN94

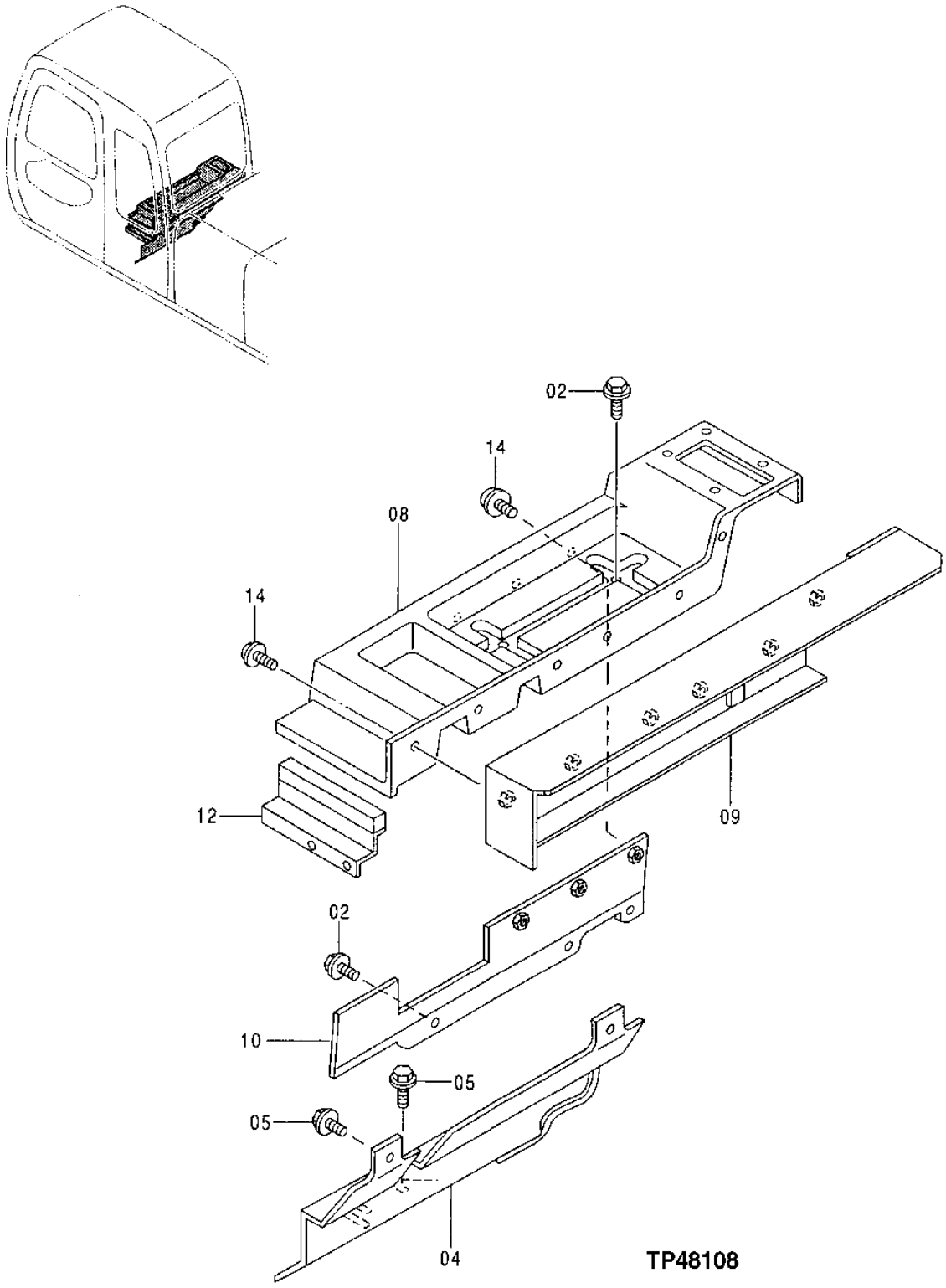


KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AT171619	SEAT BELT	1	(WHOLEGOODS)	

MEMORANDA

REAR TRAY
(FOR UNITS WITH HEATER)

TP48108 -UN-05AUG96

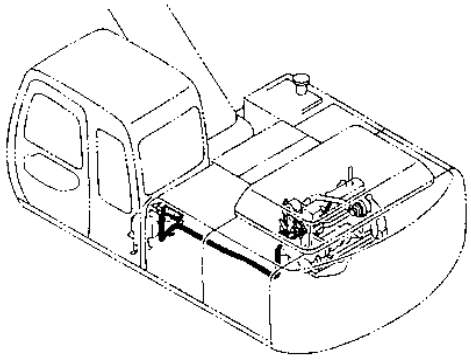


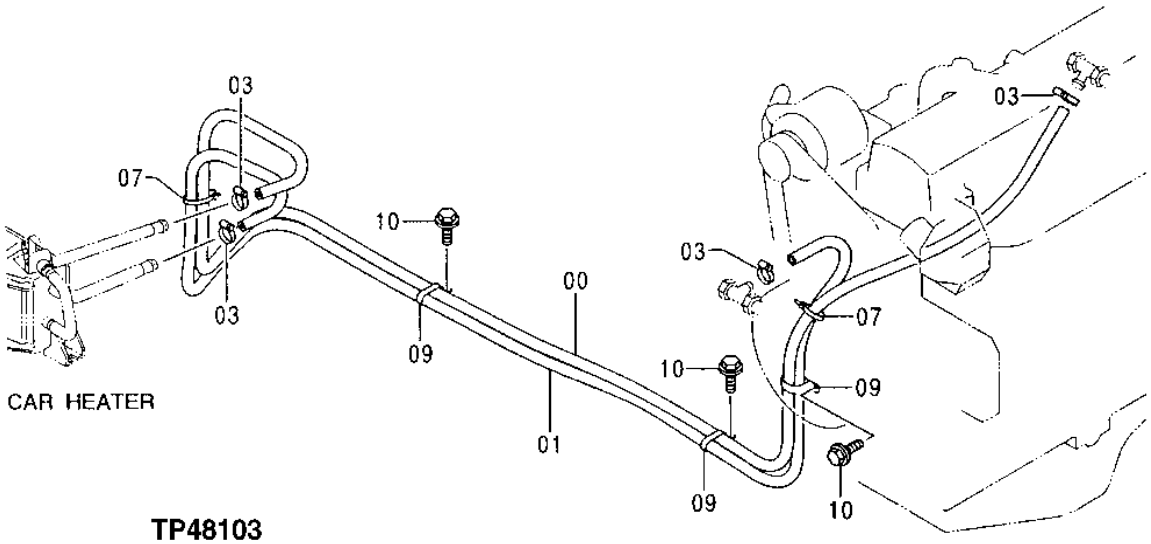
REAR TRAY
(FOR UNITS WITH HEATER)

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
2	19M7866	SCREW	6		M8 X 20, (SUB FOR AT213603 OR J050820, ALONG WITH 24M7036 AND 12M7065)
	24M7036	WASHER	6		9 X 16 X 1.600 MM (0.354" X 0.630" X 0.063")
	12M7065	LOCK WASHER	6		8 MM (0.315")
4	6016127	COVER	1		(SUB FOR AT215112)
5	19M7881	SCREW	4		M8 X 20
	12M7056	LOCK WASHER	4		8 MM (0.315") (SUB FOR 12M7065)
	24M7055	WASHER	4		8.400 X 16 X 1.600 MM (0.331" X 0.630" X 0.063")
8	0003100	TRAY	1		(SUB FOR AT215082 AND 0002231)
9	7035765	COVER	1		(SUB FOR AT215115, 7032622 AND AP37093)
10	8068043	BRACKET	1		(SUB FOR AT215122)
12	8067575	BRACKET	1		(SUB FOR AT215119)
14	J090612	BOLT	9		(SUB FOR AP34403)

HEATER PIPINGS

TP48103 -UN-05AUG96





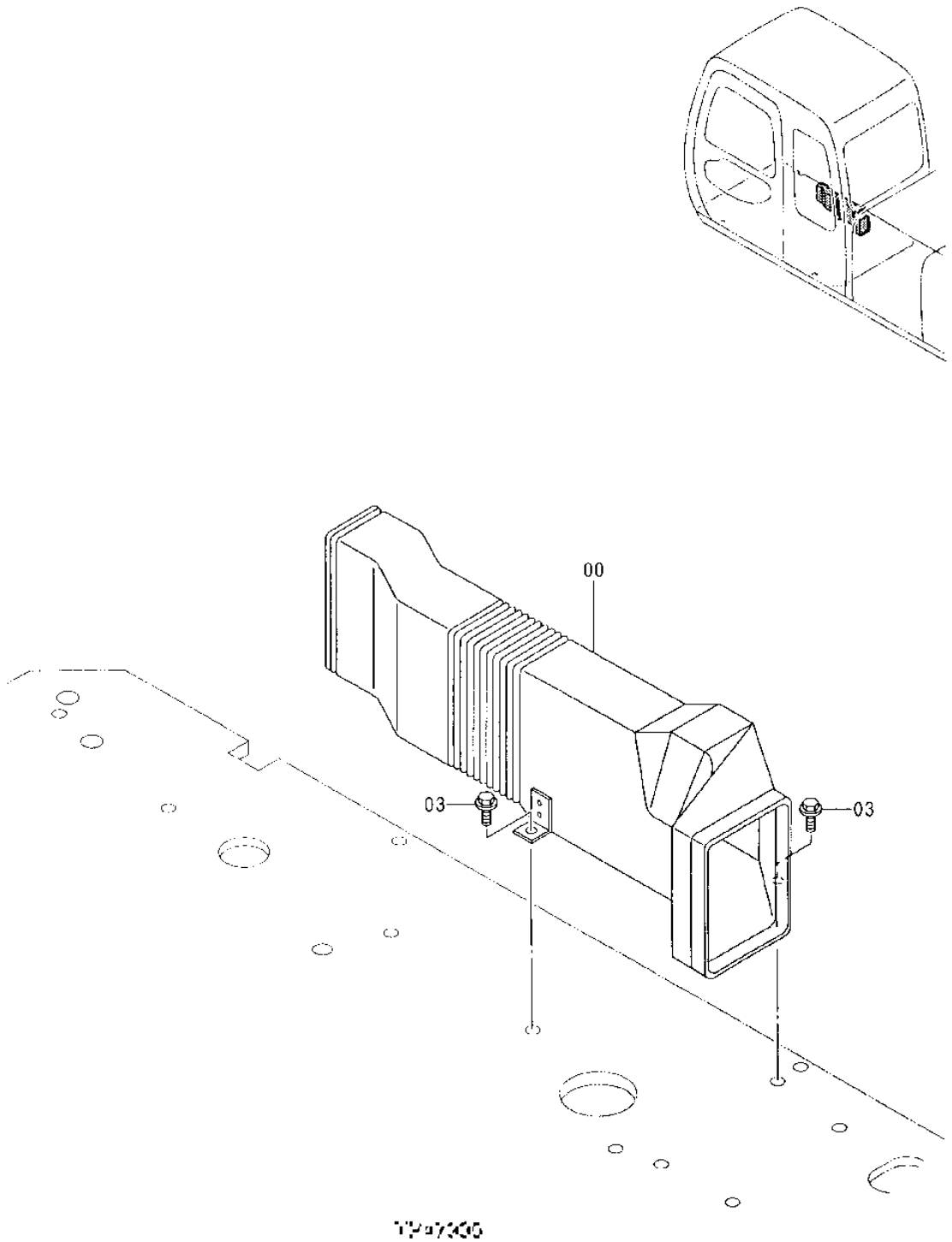
TP48103

HEATER PIPINGS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	P63688	HOSE	1		
1	P63687	HOSE	1		
3	WZ2141223	HOSE CLAMP	4		(SUB FOR AA34965)
7	H77698	TIE BAND	2		
9	4192034	CLIP	3		(SUB FOR TH109445)
10	19M7938	CAP SCREW	3		M10 X 20
	12M7066	LOCK WASHER	3		10 MM (0.394")

AIR DUCT

TP47995 -UN-22MAY96

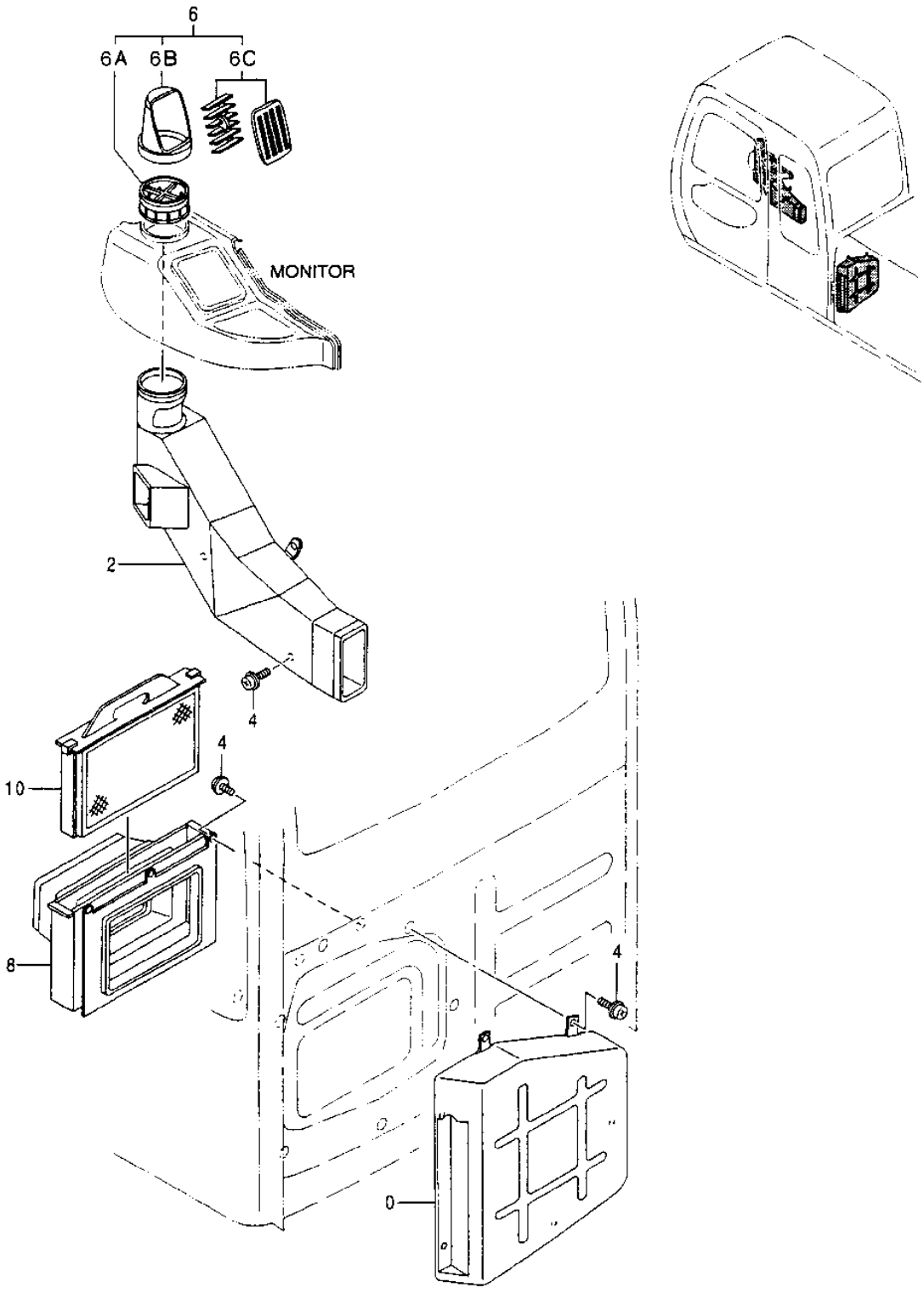


AIR DUCT

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4348714	AIR DUCT	1		(SUB FOR AT213924)
3	12M7066	LOCK WASHER	2		10 MM (0.394")
	19M7402	CAP SCREW	2		M10 X 25

AIR DUCT

T158032 -UN-08AUG02

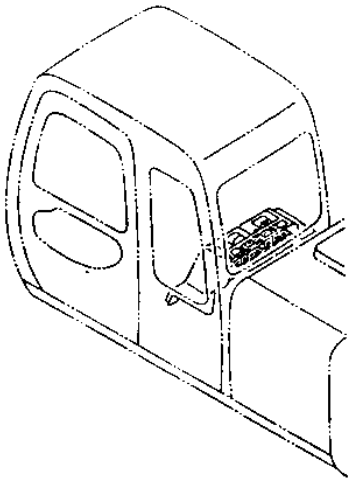


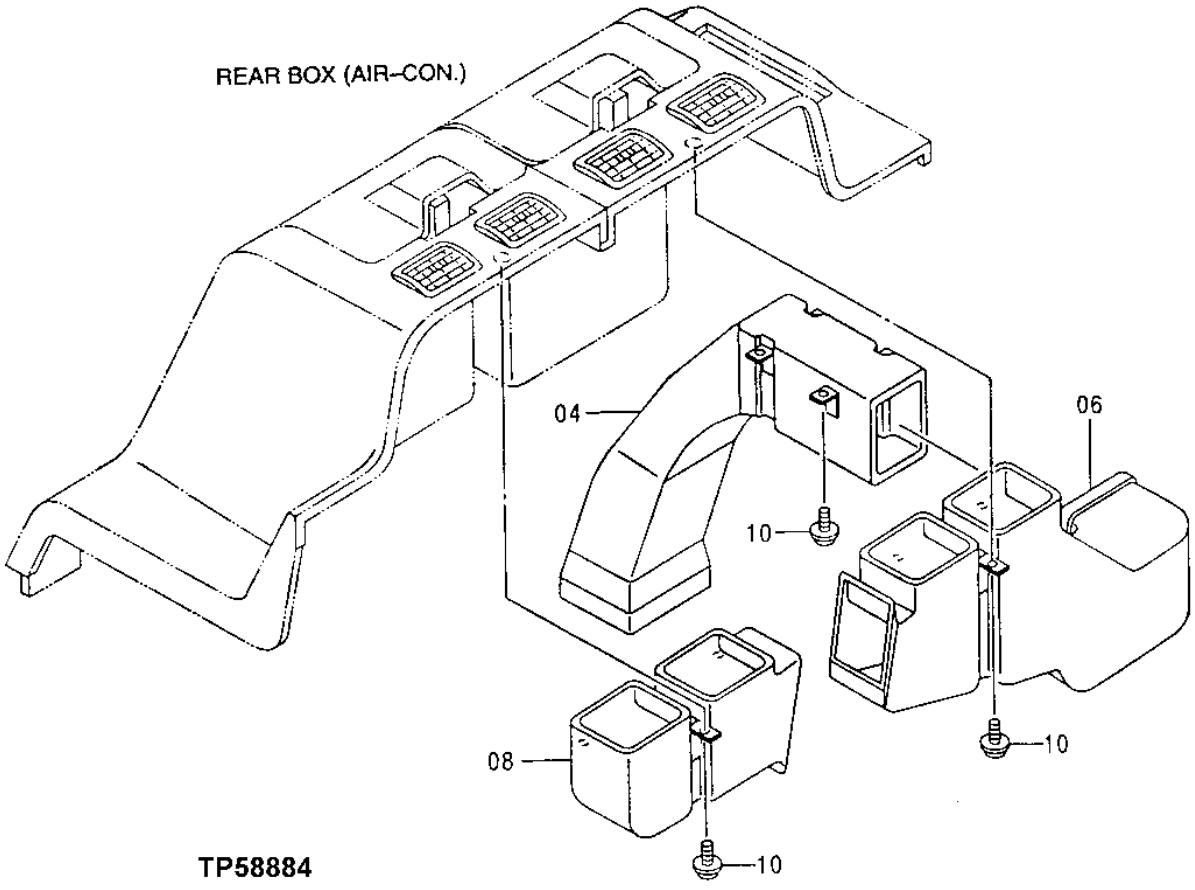
AIR DUCT

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4350234	AIR DUCT	1		(SUB FOR AT213935)
2	4348713	AIR DUCT	1		(SUB FOR AT213923)
4	19M8425	CAP SCREW	12		M6 X 16
	24M7293	WASHER	12		6.500 X 13 X 1.600 MM (0.256" X 0.512" X 0.063")
	12M7006	LOCK WASHER	12		6 MM (0.236")
6	4449068	AIR DUCT	1		(SUB FOR AP34401) (SUB FOR 4350244)
6A	.....	BASE	1		(AT214275 OR 4370572 NO LONGER AVAILABLE FOR SERVICE)
6B	.....	HOUSING	1		(AT214273 OR 4370570 NO LONGER AVAILABLE FOR SERVICE)
6C	.....	AIR DUCT	1		(AT214274 OR 4370571 NO LONGER AVAILABLE FOR SERVICE)
8	4350238	AIR DUCT	1		(SUB FOR AT213939)
10	4350249	FILTER ELEMENT	1		(SUB FOR AT213943)

AIR DUCT

TP58884 -UN-23DEC97





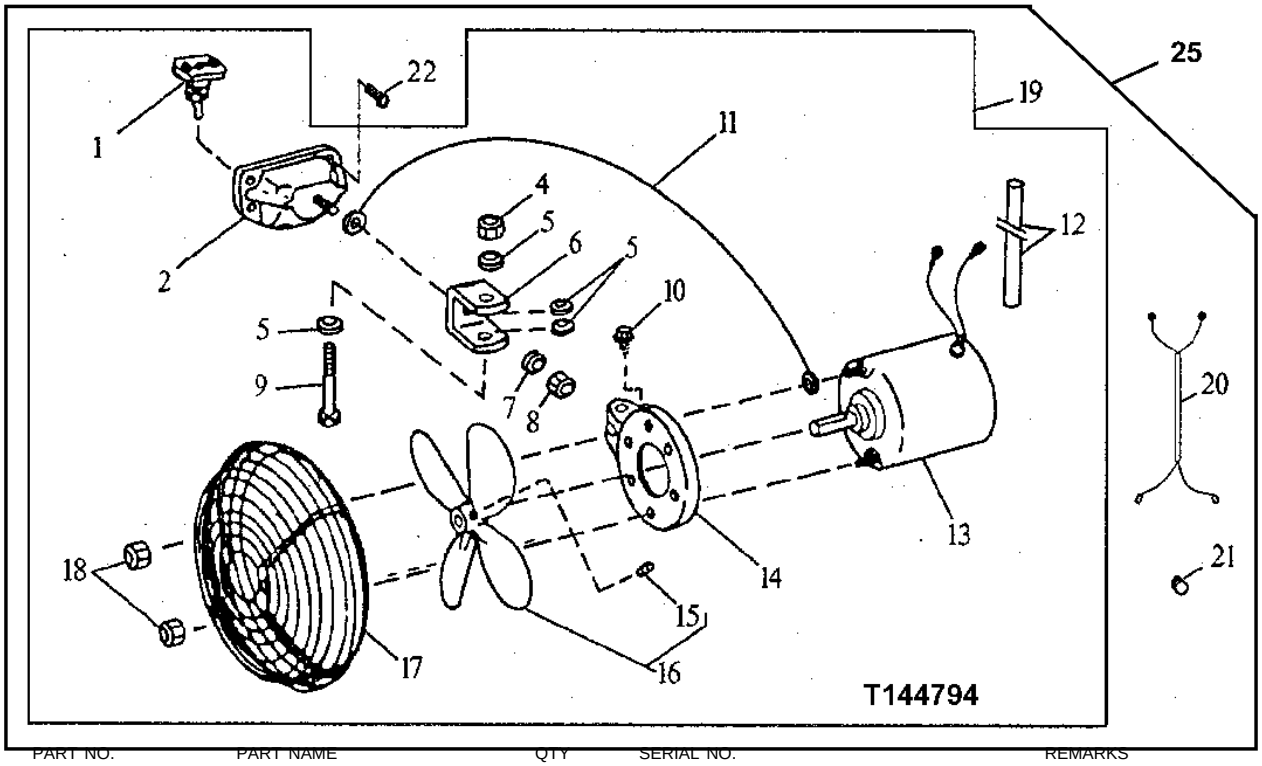
AIR DUCT

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
4	4350235	AIR DUCT	1		(SUB FOR AT213936)
6	4350236	AIR DUCT	1		(SUB FOR AT213937)
8	4350237	AIR DUCT	1		(SUB FOR AT213938)
10	4350265	SCREW	10		(SUB FOR AT213944)

2F14

DEFROSTER / AIR CIRCULATION FAN

T144794 -UN-14AUG01

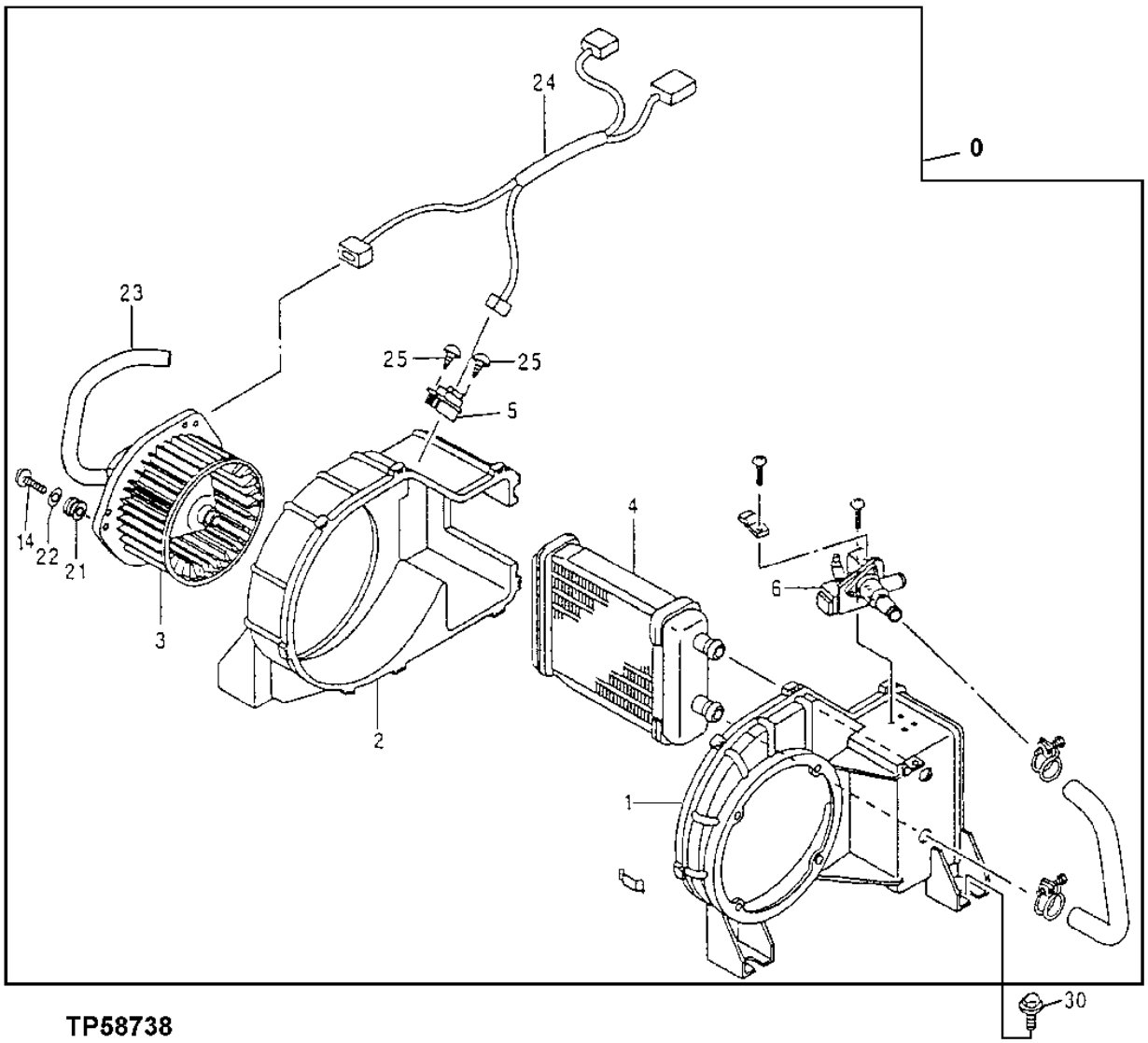


KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	T55564	TOGGLE/ROCKER SWITCH	1		
2	.....	BASE	1		
4	.....	LOCK NUT	1		(USE E19700 IF AVAILABLE)
5	T27860	WASHER	4		
6	.....	BRACKET	1		
7	24H1136	WASHER	2		11/32" X 11/16" X 0.065"
8	.....	LOCK NUT	1		
9	19H2650	CAP SCREW	1		1/4" X 2"
10	N162946	SCREW	1		
11	.....	WIRING LEAD	1		(MAKE FROM PM797NA WIRE KIT)
12	T105943	CONDUIT	1		
13	.....	MOTOR	1		
14	.....	BRACKET	1		
15	.....	SET SCREW	1		
16	AT101945	FAN BLADE	1		
17	AT101944	GUARD	1		
18	.....	LOCK NUT	2		
19	AT84953	FAN	1		
20	AT159804	WIRING HARNESS	1		
21	R26409	GROMMET	1		
22	37H129	SCREW	4		
25	AT161192	KIT	1		(AIR CIRCULATION FAN)

MEMORANDA

CAB HEATER COMPONENTS

TP58738 -UN-11AUG97



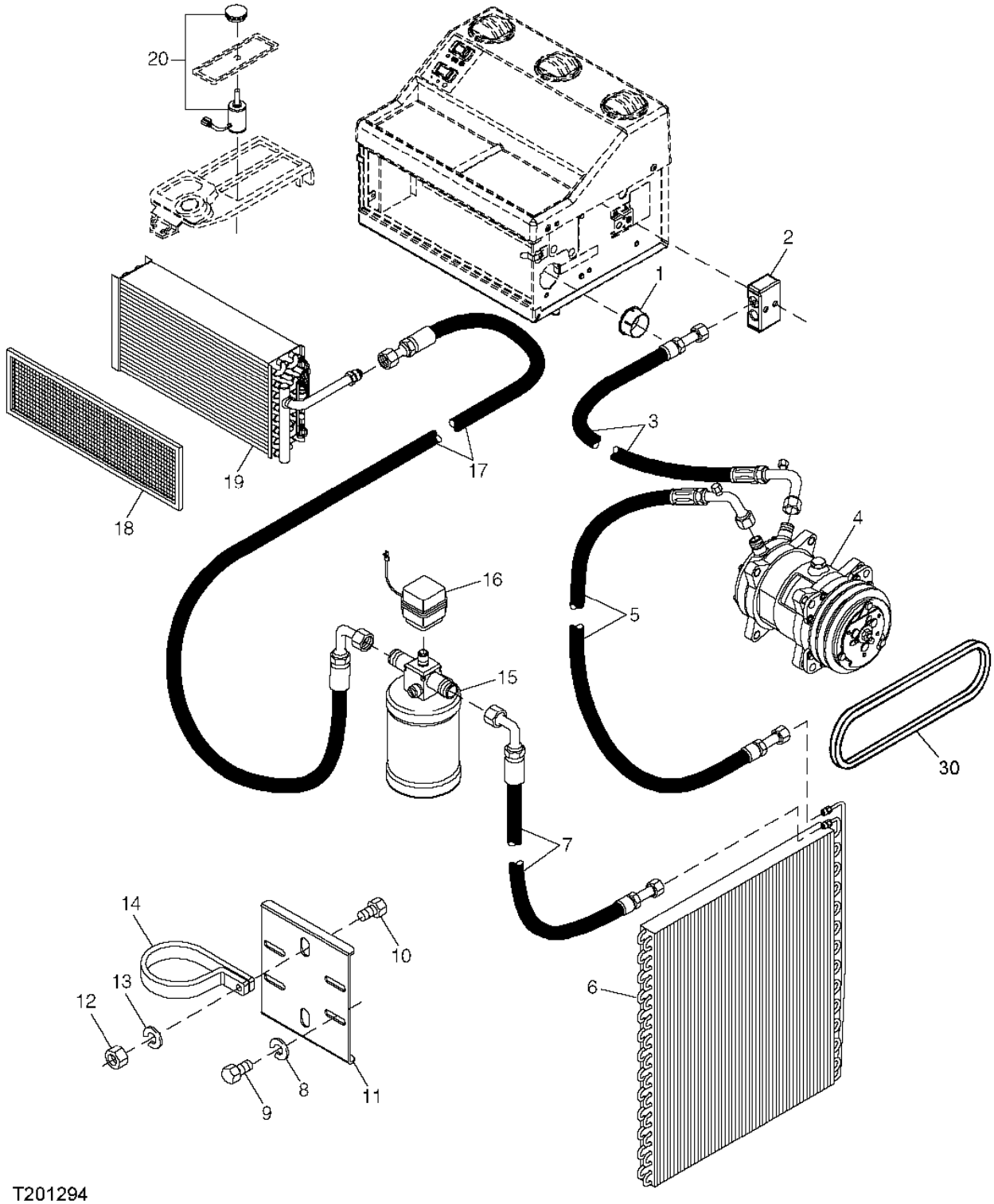
TP58738

CAB HEATER COMPONENTS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4358348	HEATER	1		(SUB FOR AT213979)
1	4376471	HOUSING	1		(SUB FOR AT218131)
2	4376472	HOUSING	1		(SUB FOR AT218132)
3	4376473	ELECTRIC MOTOR	1		(SUB FOR AT181058)
4	4351448	CORE	1		(SUB FOR AT155638)
5	4370271	RESISTOR	1		(SUB FOR AT214217)
6	4376475	FLOW CONTROL HYD. VALVE	1		(SUB FOR AT181072)
14	J450512	SCREW WITH WASHER	3		(SUB FOR AT181073, 4376476)
21	4370267	ISOLATOR	3		(SUB FOR AT214213)
22	4370299	WASHER	3		(SUB FOR AT214245)
23	4376479	HYDRAULIC HOSE	1		(SUB FOR AT181074)
24	4376480	WIRING HARNESS	1		(SUB FOR AT181075)
25	4370310	SCREW	2		(SUB FOR AT214256)
30	19M7662	CAP SCREW	4		M10 X 30
	12M7066	LOCK WASHER	4		10 MM (0.394")
	24M7028	WASHER	4		10.500 X 20 X 2 MM (0.413" X 0.787" X 0.079")

AIR CONDITIONING UNIT

T201294 -UN-13JUL04



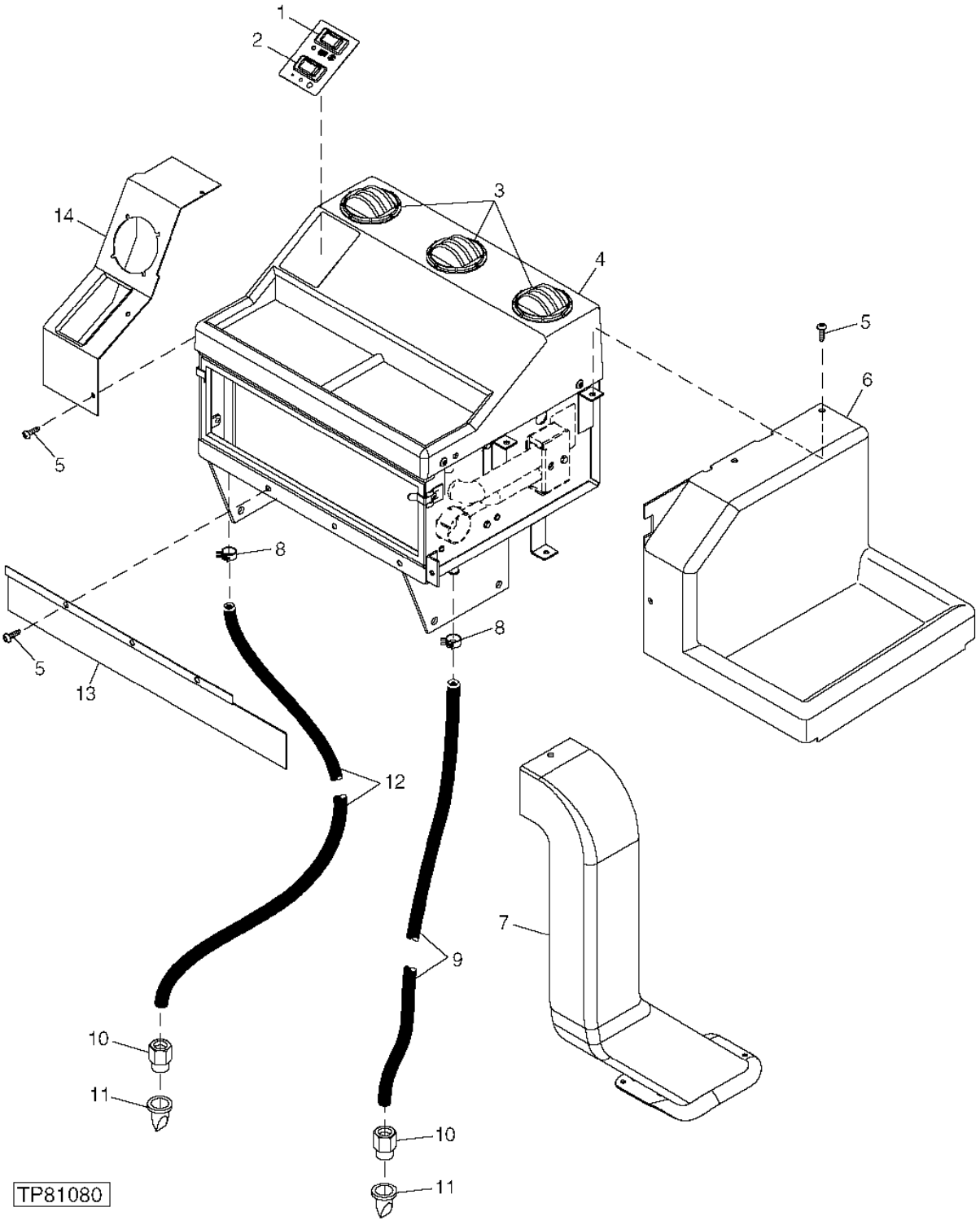
2F18

AIR CONDITIONING UNIT

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AT262529	ADAPTER	1		
2	AT262531	THERMOSTATIC CONTROL VALVE	1		
3	AT262550	LINE	1		
4	AT262559	COMPRESSOR	1		
5	AT262549	REFRIGERANT HOSE	1		
6	AT262560	VAPOR CONDENSER	1		
7	AT262552	REFRIGERANT HOSE	1		
8	.....	LOCK WASHER	4		
9	.....	BOLT	4		
10	.....	BOLT	2		
11	AT262558	BRACKET	1		
12	.....	NUT	2		
13	.....	LOCK WASHER	2		
14	.....	BRACKET	2		
15	AT262561	RECEIVER-DRYER	1		
16	AT262562	PRESSURE SWITCH	1		
17	AT262551	REFRIGERANT HOSE	1		
18	AT262528	FILTER	1		
19	AT262543	EVAPORATOR	1		
20	AT262565	THERMOSTAT	1		(INCLUDES KNOB)
30	E63457	V-BELT	1		

AIR CONDITIONING UNIT, TRIM AND DRAIN HOSES

TP81080 -UN-06SEP00

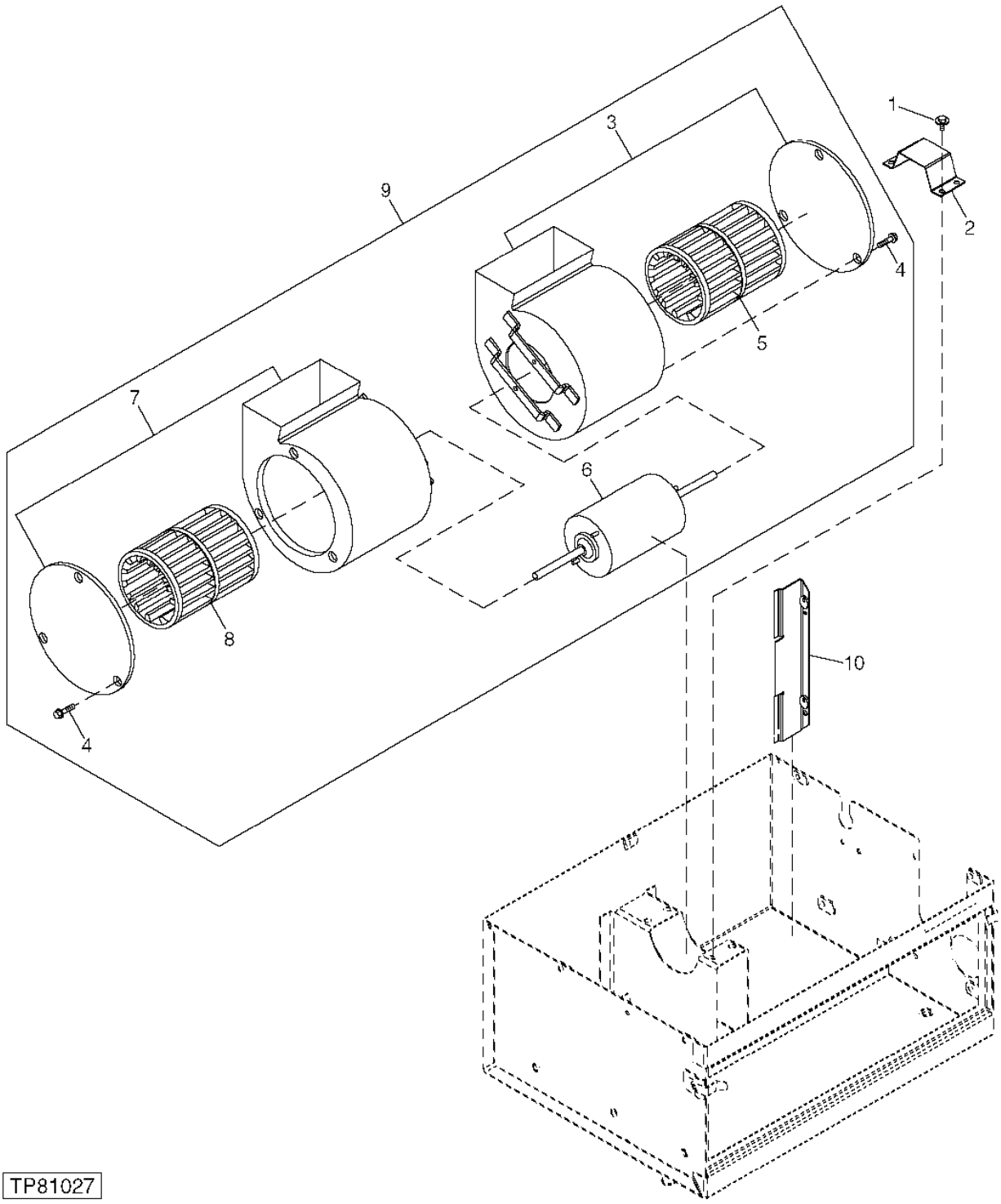


AIR CONDITIONING UNIT, TRIM AND DRAIN HOSES

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AT262563	SWITCH	1		
2	AT262564	SWITCH	1		
3	AT262541	LOUVER	3		
4	AT262540	AIR PLENUM	1		
5	.....	SCREW	AR		
6	AT262554	COVER	1		
7	AT262557	AIR DUCT	1		
8	.....	HOSE CLAMP	2		
9	AT262546	HOSE	1		DRAIN
10	AT262548	ELECTRICAL CONNECTOR ASSY	2		
11	AT262545	FITTING	2		DUCKBILL
12	AT262547	HOSE	1		DRAIN
13	AT262555	PANEL	1		TRIM
14	AT262556	COVER	1		SPEAKER

BLOWER ASSEMBLY, AIR CONDITIONING UNIT

TP81027 -UN-18AUG00

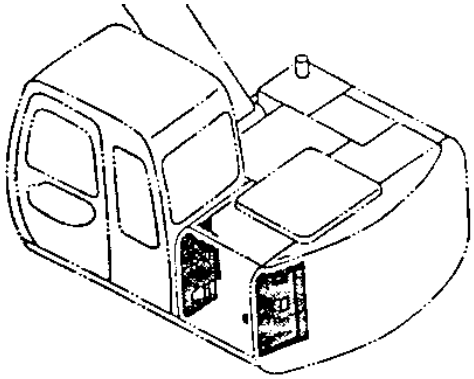


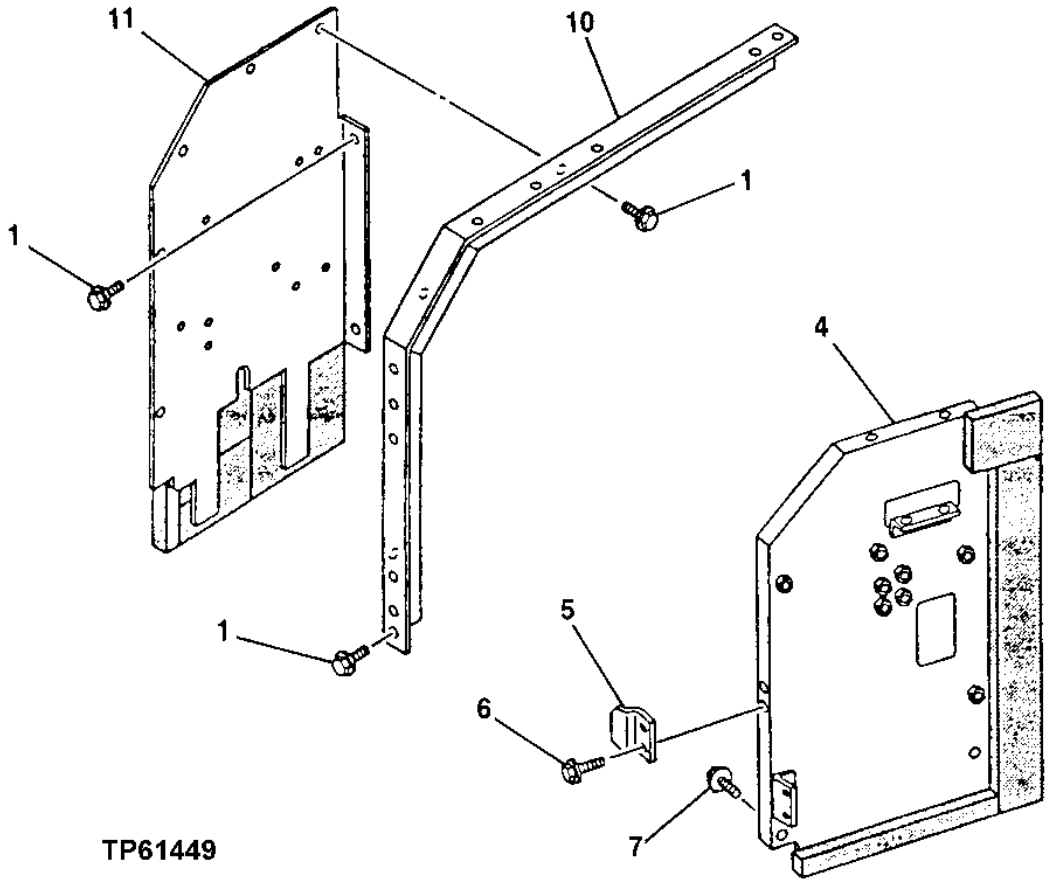
BLOWER ASSEMBLY, AIR CONDITIONING UNIT

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	.....	CAP SCREW	4		
2	AT262537	RETAINER	1		
3	AT262534	BLOWER	1		HOUSING, CW
4	.....	BOLT	6		
5	AT262533	BLOWER	1		WHEEL, CW
6	AT262536	ELECTRIC MOTOR	1		
7	AT262532	BLOWER	1		HOUSING, CCW
8	AT262535	BLOWER	1		WHEEL, CCW
9	AT262542	BLOWER MOTOR	1		COMPLETE, ASSEMBLY
10	AT262530	RETAINER	1		EVAPORATOR

COVER

TP61449 -UN-03FEB99



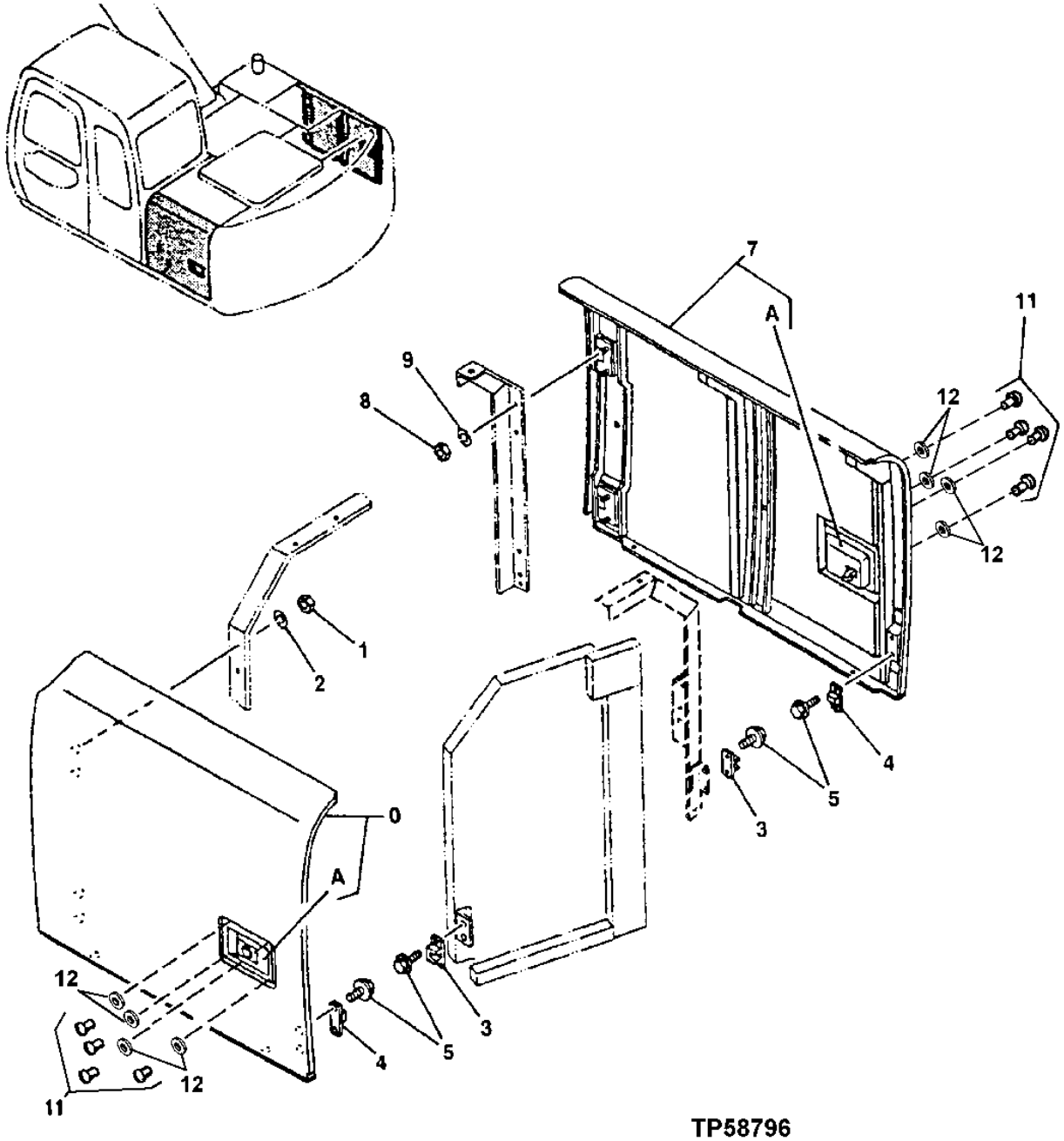


COVER

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	19M7402	CAP SCREW	9		M10 X 25
	24M7028	WASHER	9		10.500 X 20 X 2 MM (0.413" X 0.787" X 0.079")
	12M7066	LOCK WASHER	9		10 MM (0.394")
4	AP34531	COVER	1		(SUB FOR AP34866)
5	4259298	STOP	1		(SUB FOR AT154936)
6	19M7402	CAP SCREW	2		M10 X 25
	12M7058	LOCK WASHER	2		12 MM (0.472") (SUB FOR 12M7067)
	24M7346	WASHER	2		11 X 20 X 2 MM (0.433" X 0.787" X 0.079")
7	19M7402	CAP SCREW	2		M10 X 25
	24M7028	WASHER	2		10.500 X 20 X 2 MM (0.413" X 0.787" X 0.079")
	12M7066	LOCK WASHER	2		10 MM (0.394")
10	TH7031042	SUPPORT	1		(SUB FOR AP33516)
11	TH7031045	COVER	1		(SUB FOR AP34867)

COVER

TP58796 -UN-10OCT97



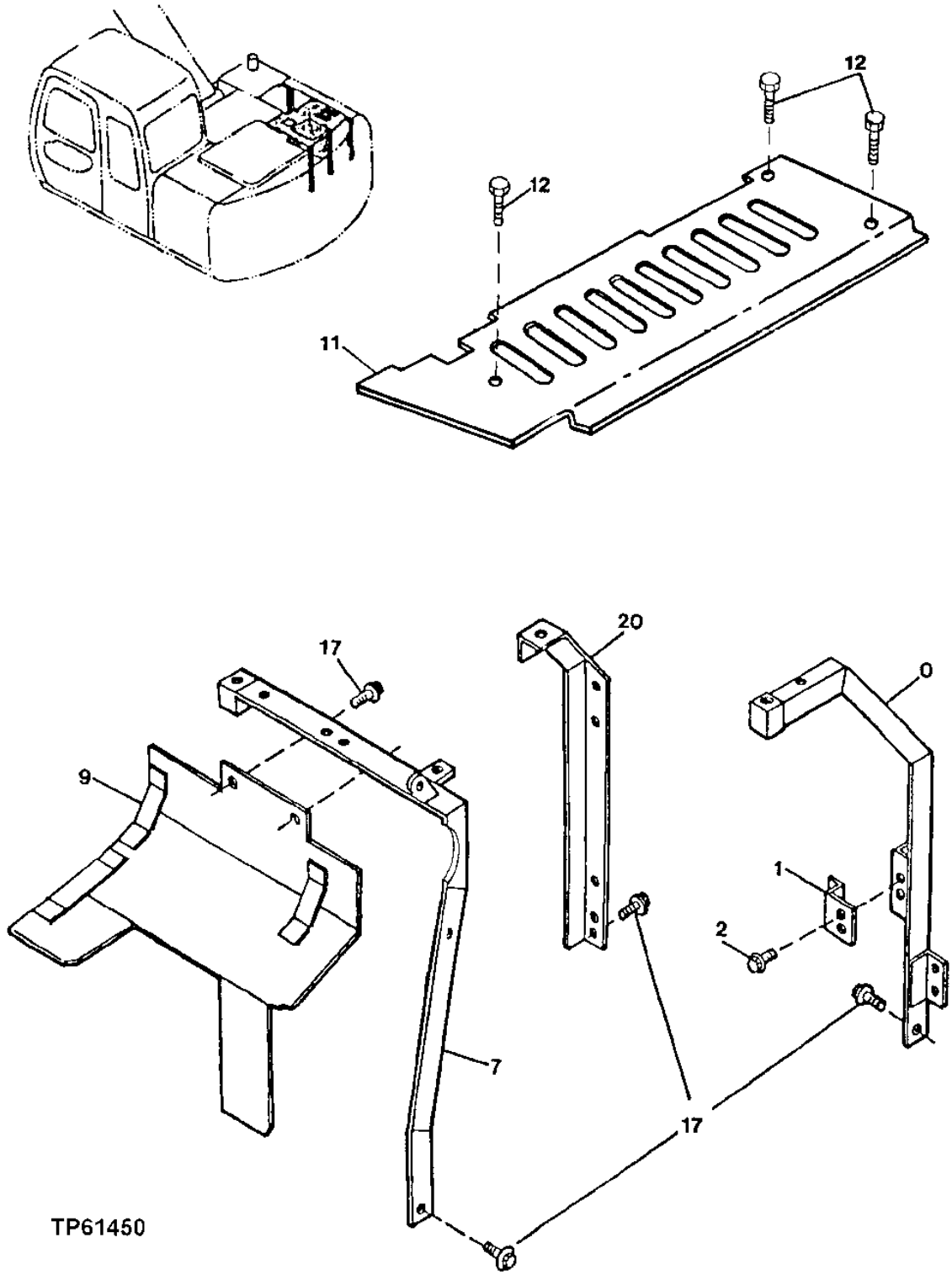
TP58796

COVER

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	AP34175	DOOR	1		
0A	AT166994	LATCH	1		
1	14M7274	NUT	4		M10
2	12M7066	LOCK WASHER	4		10 MM (0.394")
3	AT318015	BRACKET	2		(SUB FOR 4175253) (SUB FOR AT154915)
4	4175254	STOP	2		(SUB FOR AT154916)
5	12M7006	LOCK WASHER	8		6 MM (0.236")
	24M7293	WASHER	8		6.500 X 13 X 1.600 MM (0.256" X 0.512" X 0.063")
	19M7923	CAP SCREW	8		M6 X 12, (SUB FOR 19M6614)
7	AP34176	DOOR	1		
7A	AT166994	LATCH	1		
8	14M7274	NUT	4		M10
9	12M7066	LOCK WASHER	4		10 MM (0.394")
11	M63200	RIVET	8		4.775 MM (3/16")
12	24M7138	WASHER	8		5.300 X 15 X 1.200 MM (0.209" X 0.591" X 0.047")

COVER

TP61450 -UN-29JAN99

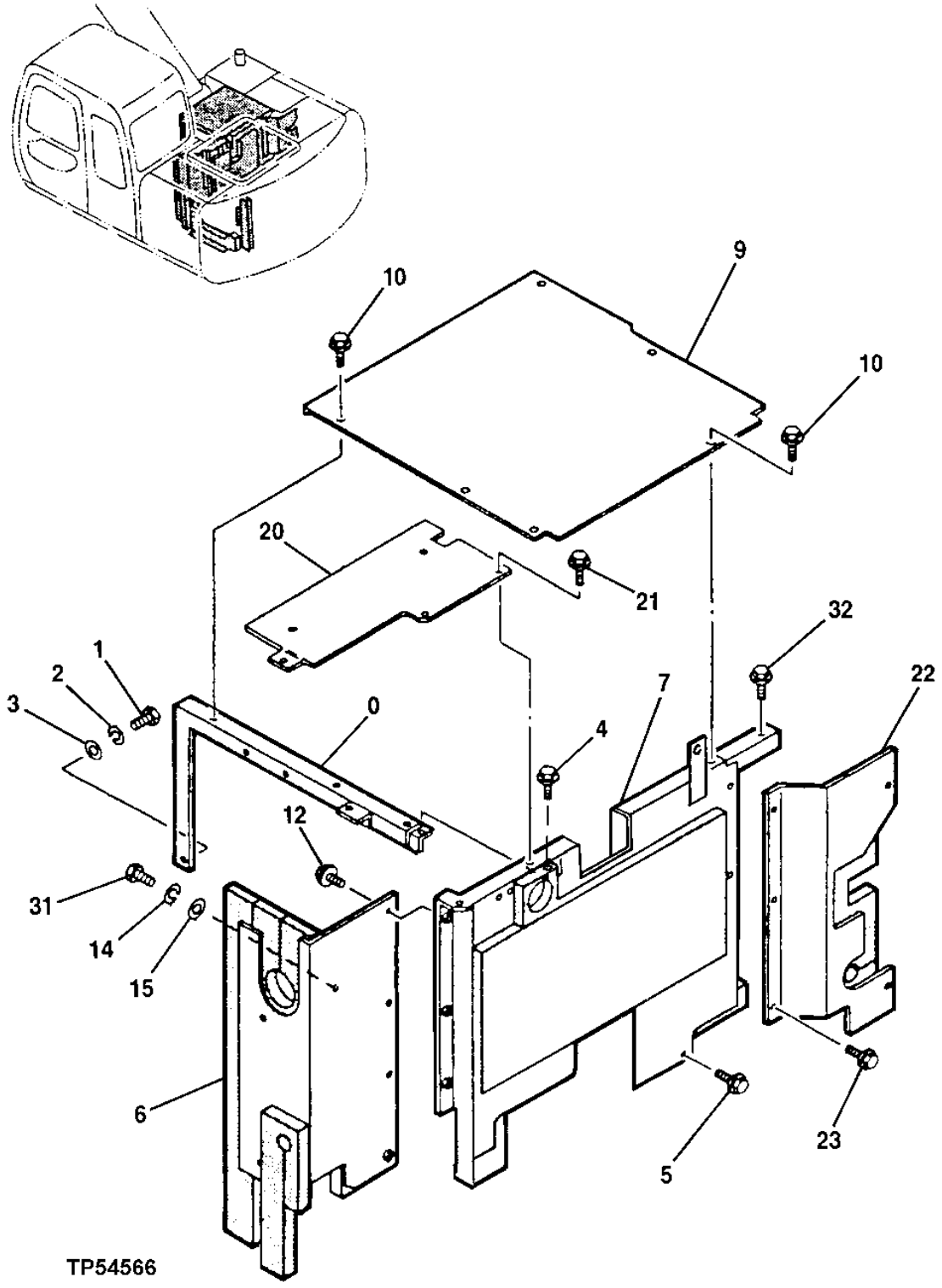


COVER

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	AP34508	SUPPORT	1		
1	4257087	STOP	1		(SUB FOR AT154930)
2	19M7662	CAP SCREW	2		M10 X 30
	12M7058	LOCK WASHER	2		12 MM (0.472") (SUB FOR 12M7067)
	24M7346	WASHER	2		11 X 20 X 2 MM (0.433" X 0.787" X 0.079")
7	AP34509	SUPPORT	1		
9	AP34510	COVER	1		
11	P64264	COVER	1		
12	19M7662	CAP SCREW	3		M10 X 30
	12M7058	LOCK WASHER	3		12 MM (0.472") (SUB FOR 12M7067)
	24M7346	WASHER	3		11 X 20 X 2 MM (0.433" X 0.787" X 0.079")
17	12M7066	LOCK WASHER	9		10 MM (0.394")
	19M7402	CAP SCREW	9		M10 X 25
	24M7028	WASHER	9		10.500 X 20 X 2 MM (0.413" X 0.787" X 0.079")
20	3072455	SUPPORT	1		(SUB FOR P60498)

COVER

TP54566 -UN-10FEB97

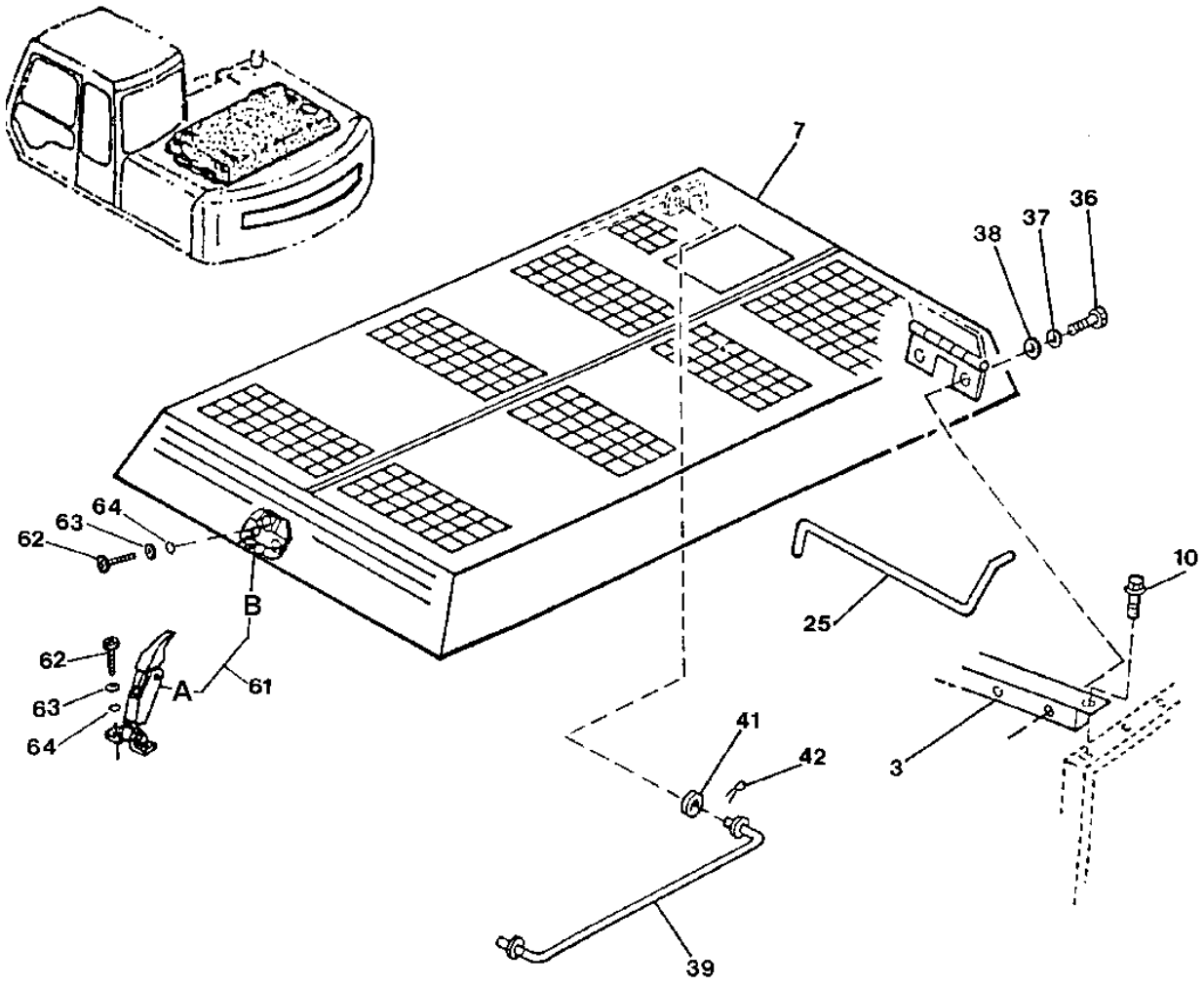


COVER

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	AP35591	SUPPORT	1		(SUB FOR AP33526)
1	19M7402	CAP SCREW	1		M10 X 25, (SUB FOR 19M8324, THIS APPLICATION)
2	12M7066	LOCK WASHER	1		10 MM (0.394")
3	24M7028	WASHER	1		10.500 X 20 X 2 MM (0.413" X 0.787" X 0.079")
4	19M8324	CAP SCREW	2		M10 X 16, (SUB FOR 19M7402, THIS APPLICATION)
	12M7066	LOCK WASHER	2		10 MM (0.394")
	24M7028	WASHER	2		10.500 X 20 X 2 MM (0.413" X 0.787" X 0.079")
5	19M7402	CAP SCREW	1		M10 X 25, (SUB FOR 19M7662, THIS APPLICATION)
	12M7066	LOCK WASHER	1		10 MM (0.394") (SUB FOR 12M7067, THIS APPLICATION)
	24M7101	WASHER	1		11 X 34 X 3 MM (0.433" X 1.339" X 0.118") (SUB FOR 24M7101, THIS APPLICATION)
6	AP35583	COVER	1		
7	AP35571	COVER	1		(SUB FOR AP34137)
9	AP35592	COVER	1		(SUB FOR AP34133)
10	19M7402	CAP SCREW	6		M10 X 25, (SUB FOR 19M7662, THIS APPLICATION)
	12M7066	LOCK WASHER	6		10 MM (0.394") (SUB FOR 12M7067, THIS APPLICATION)
	24M7101	WASHER	6		11 X 34 X 3 MM (0.433" X 1.339" X 0.118") (SUB FOR 24M7346, THIS APPLICATION)
12	19M7402	CAP SCREW	3		M10 X 25, (SUB FOR 19M7662, THIS APPLICATION)
	12M7066	LOCK WASHER	3		10 MM (0.394") (SUB FOR 12M7067, THIS APPLICATION)
	24M7101	WASHER	3		11 X 34 X 3 MM (0.433" X 1.339" X 0.118") (SUB FOR 24M7346, THIS APPLICATION)
14	12H294	LOCK WASHER	2		15.875 MM (5/8")
15	24M7053	WASHER	2		17 X 30 X 3 MM (0.669" X 1.181" X 0.118")
20	AP34134	COVER	1		
21	19M7402	CAP SCREW	4		M10 X 25, (SUB FOR 19M7662, THIS APPLICATION)
	12M7066	LOCK WASHER	4		10 MM (0.394")
	24M7028	WASHER	4		10.500 X 20 X 2 MM (0.413" X 0.787" X 0.079")
22	AP34131	COVER	1		
23	19M7402	CAP SCREW	3		M10 X 25, (SUB FOR 19M7662, THIS APPLICATION)
	12M7066	LOCK WASHER	3		10 MM (0.394") (SUB FOR 12M7067, THIS APPLICATION)
	24M7101	WASHER	3		11 X 34 X 3 MM (0.433" X 1.339" X 0.118") (SUB FOR 24M7346, THIS APPLICATION)
31	19M8035	CAP SCREW	2		M16 X 35
32	19M7402	CAP SCREW	1		M10 X 25
	12M7066	LOCK WASHER	1		10 MM (0.394")
	24M7028	WASHER	1		10.500 X 20 X 2 MM (0.413" X 0.787" X 0.079")

ENGINE COVER

TP58743 -UN-14AUG97



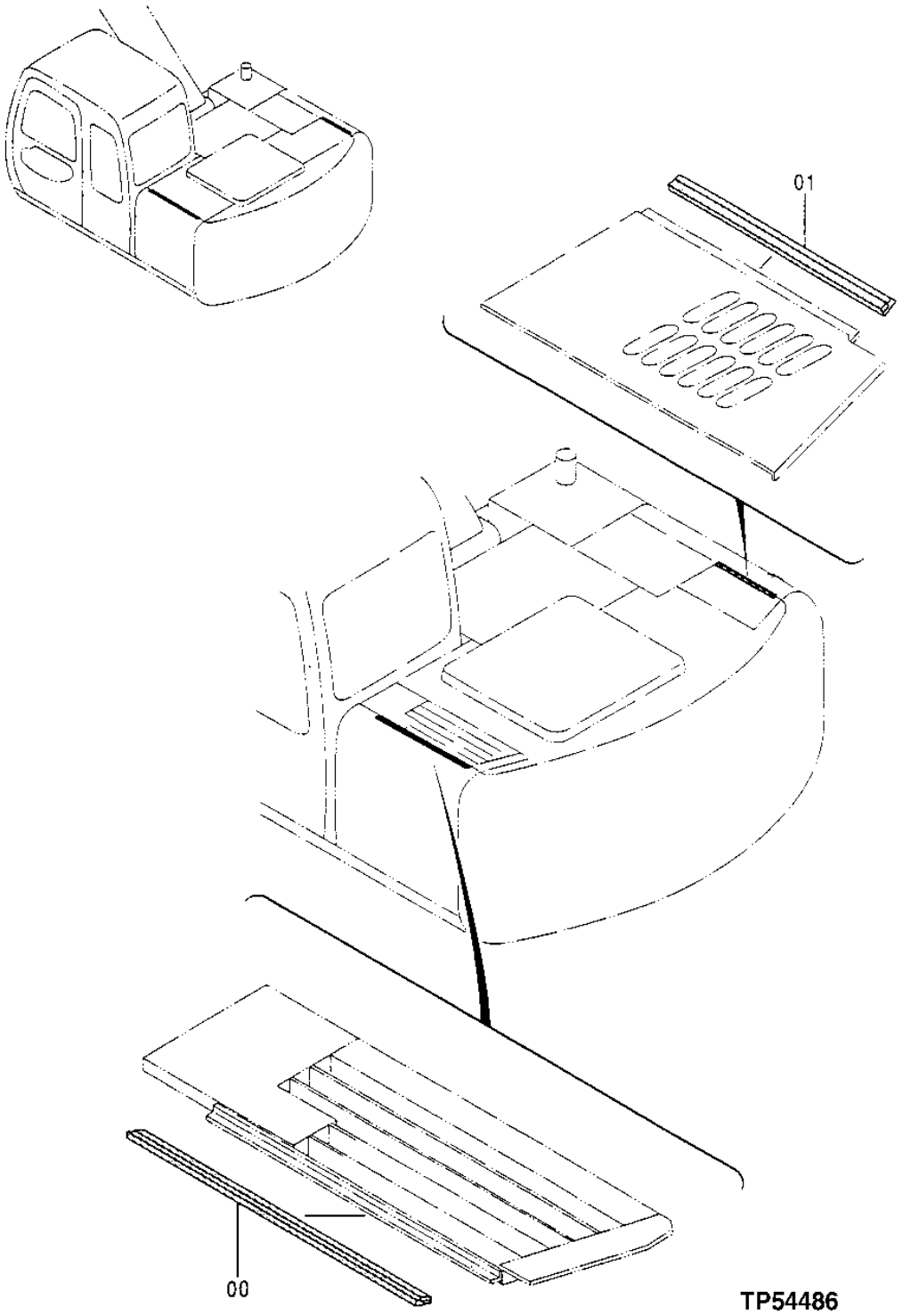
TP58743

ENGINE COVER

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
3	P64277	SUPPORT	1		
7	AP34127	HOOD	1		(USE IF AVAILABLE) (IF AP34127 NOT AVAILABLE, SUB AP35679)
	AP35679	HOOD	1		(SUB FOR AP34127)
10	12M7066	LOCK WASHER	2		10 MM (0.394")
	19M7402	CAP SCREW	2		M10 X 25
	24M7028	WASHER	2		10.500 X 20 X 2 MM (0.413" X 0.787" X 0.079")
25	3076671	ROD	1		(SUB FOR P64280)
36	19M7402	CAP SCREW	4		M10 X 25
37	12M7066	LOCK WASHER	4		10 MM (0.394")
38	24M7101	WASHER	4		11 X 34 X 3 MM (0.433" X 1.339" X 0.118") (SUB FOR 24M7028, THIS APPLICATION)
39	P64276	ROD	1		
41	24M7047	WASHER	1		13 X 24 X 2.500 MM (0.512" X 0.945" X 0.098")
42	11M7015	COTTER PIN	1		3.200 X 25 MM (0.126" X 0.984") (SUB FOR R50647 OR 11H236)
61	4361455	CATCH	1		(SUB FOR TH108769)
	AT194969	KEY	1		(SUB FOR AT147803) (H800) (NOT ILLUSTRATED)
61A	3040904	CATCH	1		(SUB FOR AT126162)
61B	3021131	ANCHOR	1		(SUB FOR TH102247)
62	19M7881	SCREW	4		M8 X 20
63	12M7056	LOCK WASHER	4		8 MM (0.315") (SUB FOR 12M7065)
64	24M7055	WASHER	4		8.400 X 16 X 1.600 MM (0.331" X 0.630" X 0.063")

WEATHERSTRIP

TP54486 -UN-21JAN97

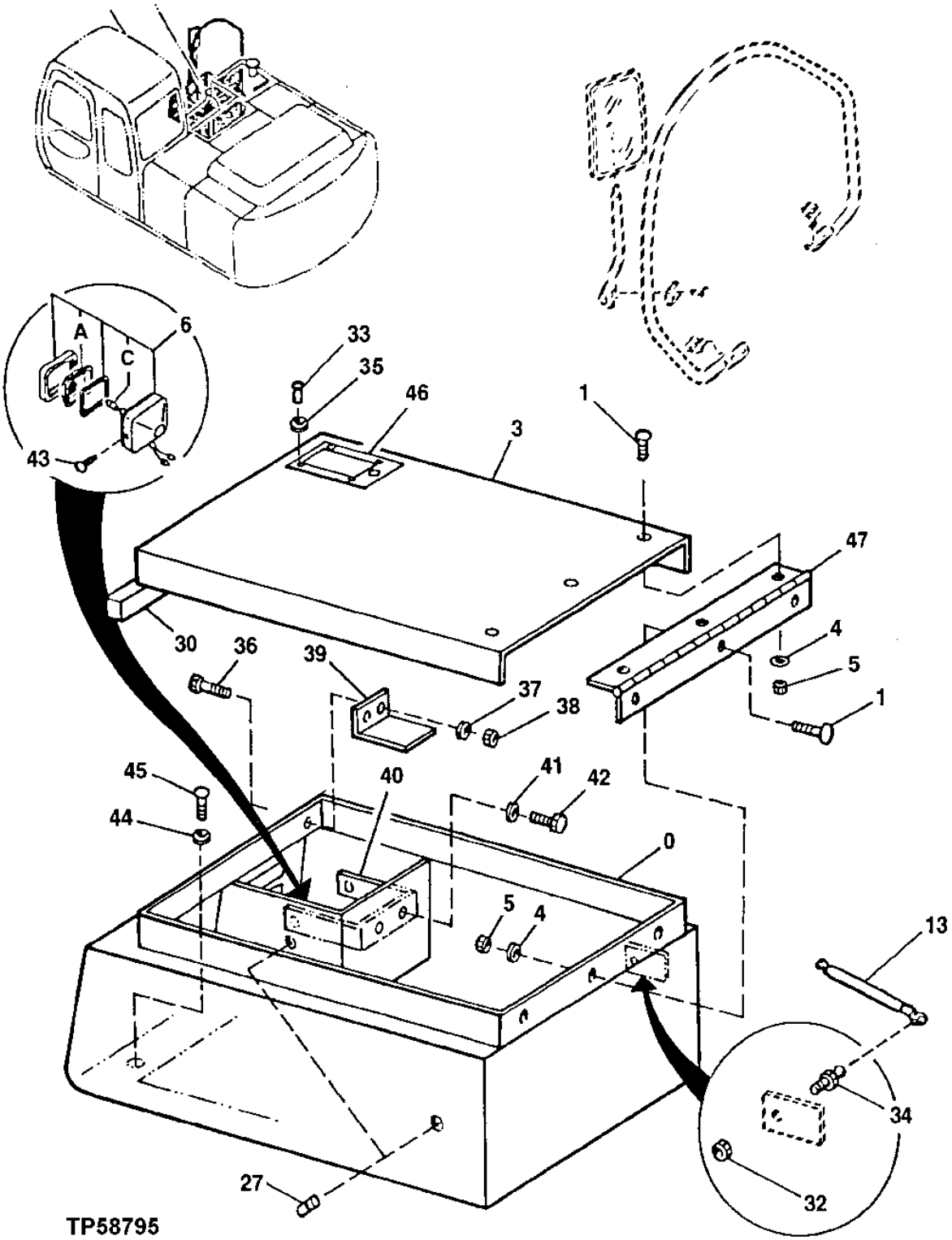


WEATHERSTRIP

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4359609	ISOLATOR	1		(SUB FOR P61815)
1	4359610	ISOLATOR	1		(SUB FOR P61816)

TOOL BOX

TP58795 -UN-05SEP97



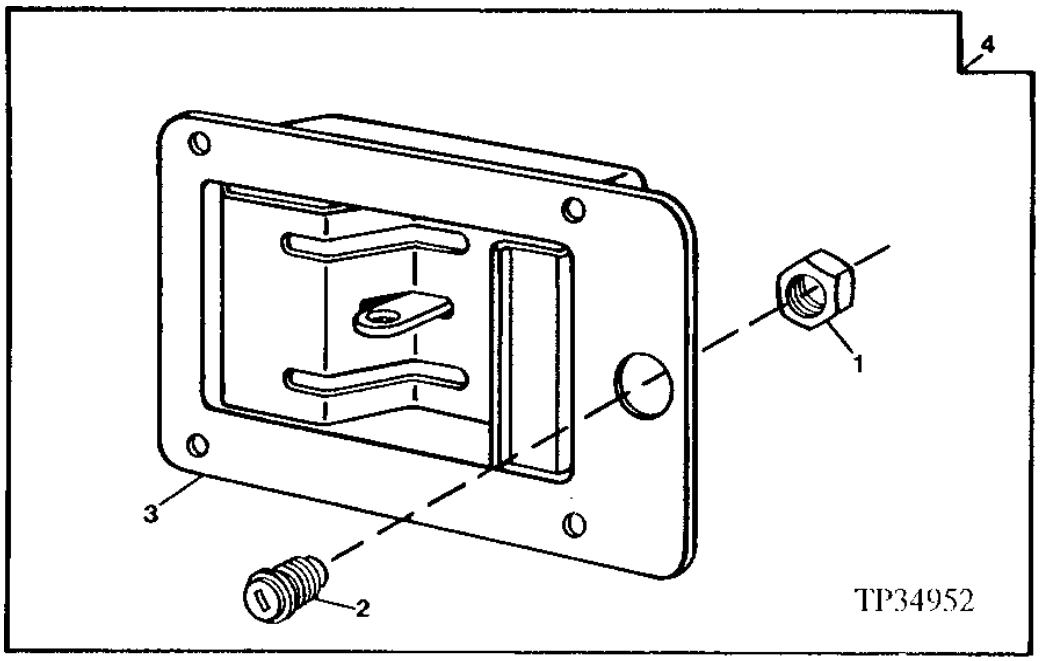
2G15

TOOL BOX

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	AP33221	TOOLBOX	1	-020020	(CONVENIENCE ASSEMBLY) (USE IF AVAILABLE) (IF AP33221 NOT AVAILABLE, SUB AP36328, ALONG WITH AT146294)
	DH500068	TOOLBOX	1	020021-	(SUB FOR AP36328, AP39351) (CONVENIENCE ASSEMBLY)
1	03M7183	BOLT	6		M8 X 16
3	AP39145	COVER	1		(SUB FOR AP33222)
4	24M7298	WASHER	6		8.400 X 25 X 2 MM
5	14M7298	FLANGE NUT	6		M8
6	4274478	FLOODLAMP	1		(SUB FOR AT154323)
6A	4285646	LENS	1		(SUB FOR AT154988)
6C	AT135758	BULB	1		
13	AT164828	CYLINDER	1	-020020	
	AT146294	CYLINDER	1	020021-	
27	4613243	GROMMET	2		(SUB FOR AT122152, 94-2807)
30	.....	ISOLATOR	1		(P60752 NO LONGER AVAILABLE) (SUB AT215527 BULK MATERIAL CUT TO LENGTH)
32	A22698	NUT	2		7.925 MM (5/16")
33	M63200	RIVET	4		4.775 MM (3/16")
34	T142651	BALL STUD	2		
35	24M7138	WASHER	4		5.300 X 15 X 1.200 MM (0.209" X 0.591" X 0.047")
36	19M7775	SCREW	2		M6 X 16
37	24M7139	WASHER	2		6.400 X 18 X 1.600 MM (0.252" X 0.709" X 0.063")
38	14M7303	FLANGE NUT	2		M6
39	P60616	STRIKER	1		
40	AP33341	BRACKET	1		
41	24M7028	WASHER	2		10.500 X 20 X 2 MM (0.413" X 0.787" X 0.079")
42	19M7402	CAP SCREW	2		M10 X 25
43	19M8425	CAP SCREW	2		M6 X 16
44	24H1311	WASHER	6		10.312 X 31.750 X 5.588 MM (13/32" X 1-1/4" X 0.220")
45	19M7402	CAP SCREW	6		M10 X 25
46	AT166994	LATCH	1		
47	DH300125	HINGE	1		(SUB FOR AP33223)

DOOR LOCK

TP34952 -UN-01JAN94

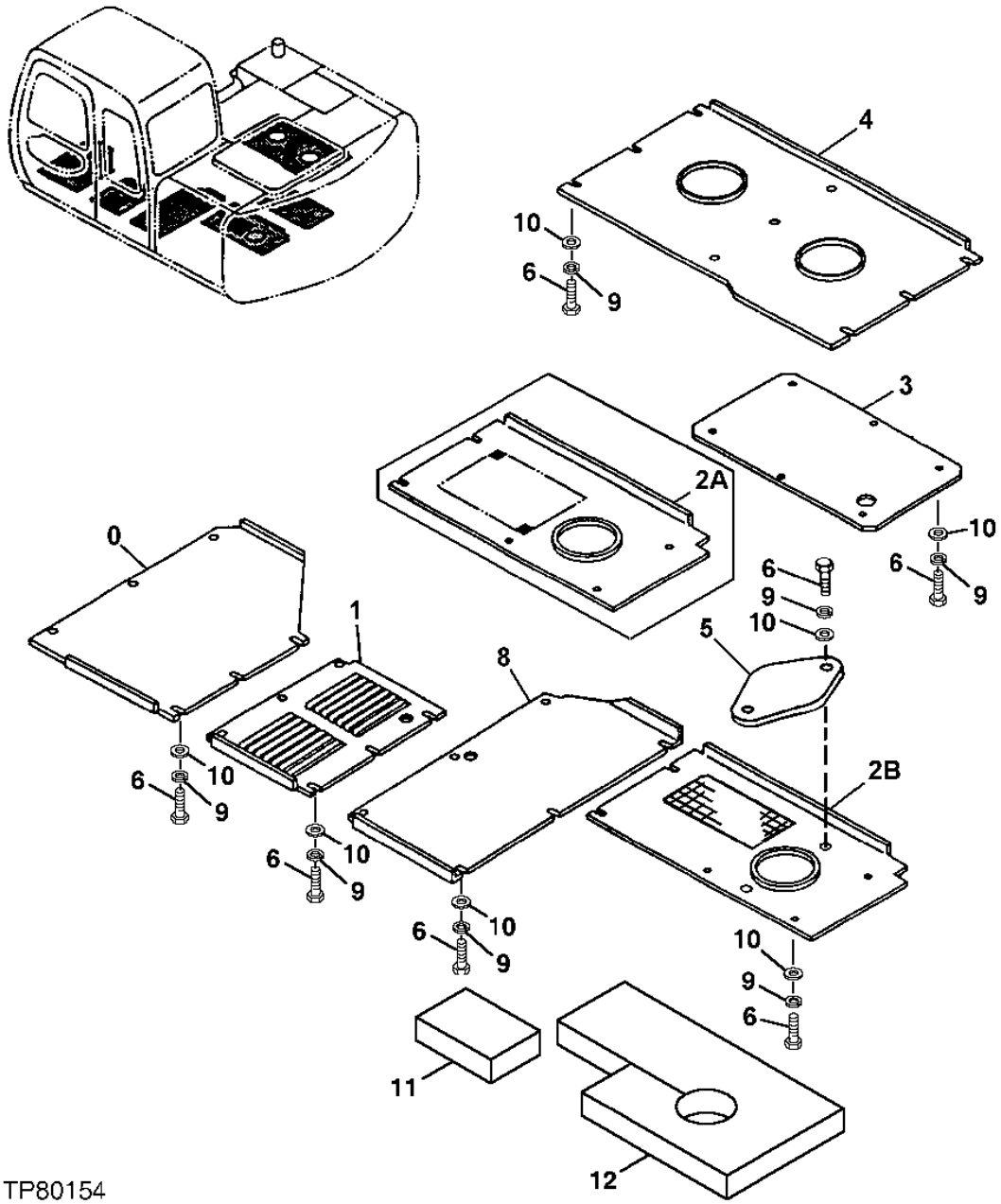


DOOR LOCK

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	T42713	NUT	1		19.050 MM (3/4")
2	T151857	LOCK	1		
	AT194969	KEY	1		(SUB FOR AT147803) (NOT ILLUSTRATED)
3	.....	LATCH	1		
4	AT166994	LATCH	1		

UNDER COVER

TP80154 -UN-19OCT99



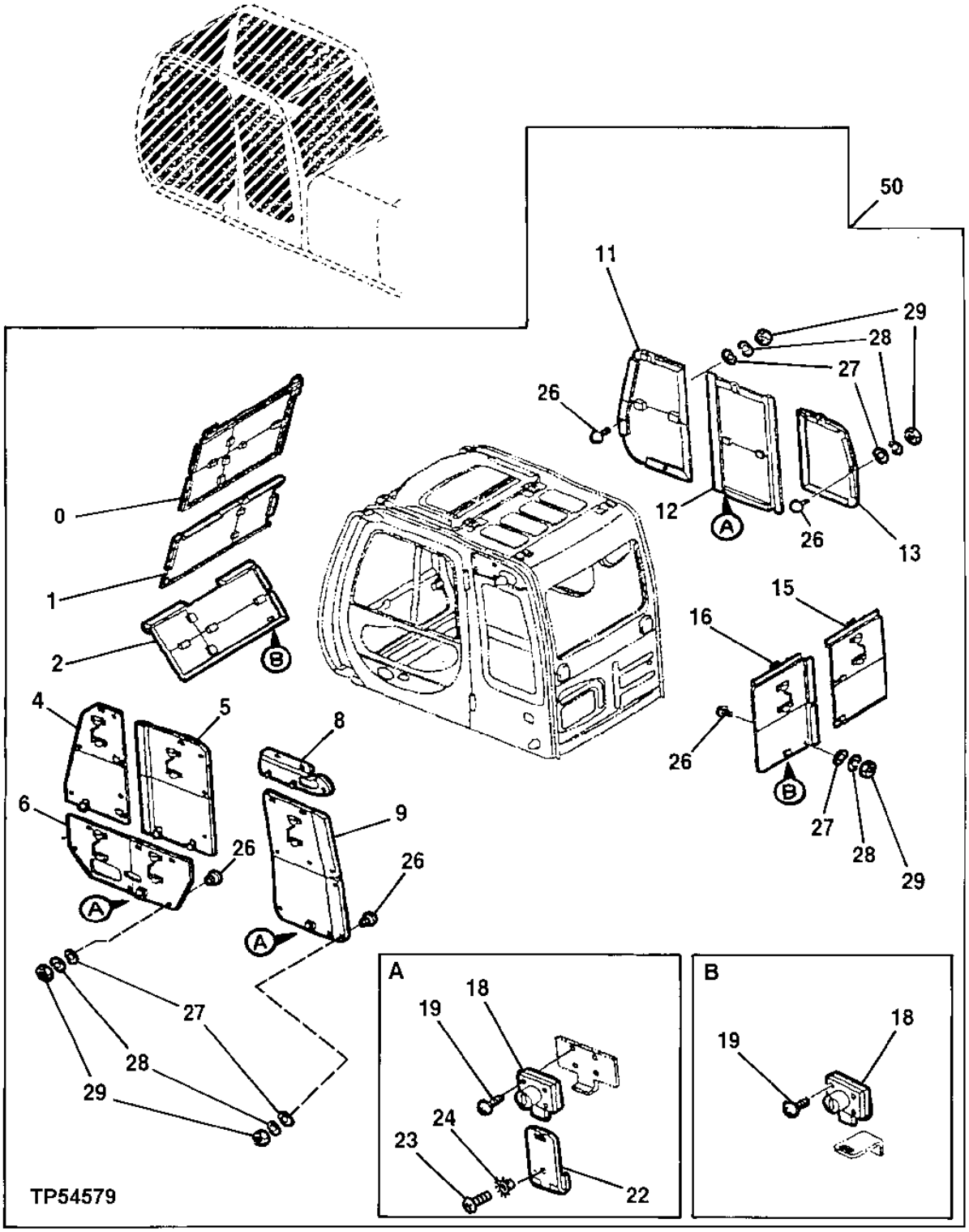
2G19

UNDER COVER

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	P60747	COVER	1		
1	P60748	COVER	1		
2A	P60749	COVER	1	-030611	
2B	AP35863	COVER	1	030612-	
3	P61593	COVER	1		
4	P60750	COVER	1		
5	P65608	COVER	1	030612-	
6	19M7662	CAP SCREW	38	-030611	M10 X 30
	19M7938	CAP SCREW	40	030612-	M10 X 20
8	P60751	COVER	1		
9	12M7066	LOCK WASHER	38	-030611	10 MM
	12M7066	LOCK WASHER	40	030612-	10 MM
10	24M7346	WASHER	40	-030611	11 X 20 X 2 MM
	24M7101	WASHER	40	030612-	11 X 34 X 3 MM
11	P63202	ISOLATOR	1		
12	P65175	ISOLATOR	1		

WINDOW GUARDS

TP54579 -UN-18FEB97

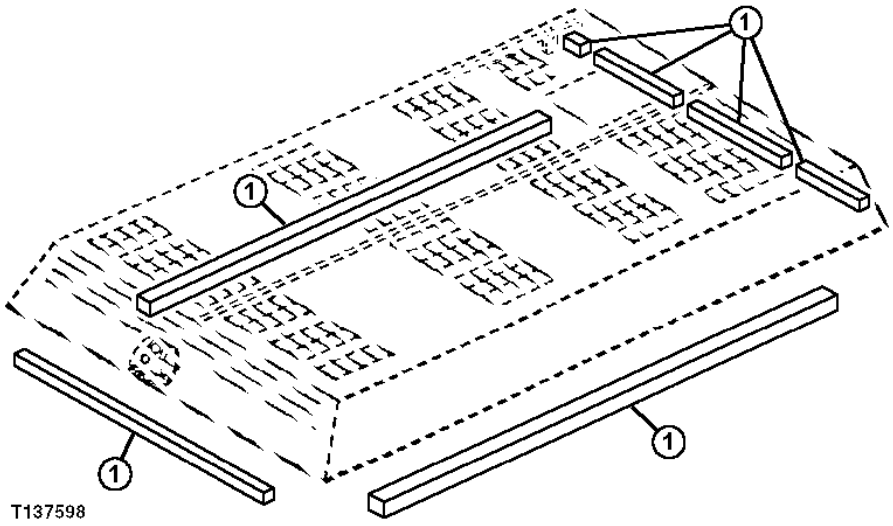


WINDOW GUARDS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	AP34420	COVER	1		
1	AP34636	COVER	1		
2	AP34421	COVER	1		
4	AP34637	COVER	1		(SUB FOR 7041264)
5	AP34422	COVER	1		
6	AP34638	COVER	1		(SUB FOR 7041265)
8	AP34423	COVER	1		
9	AP34639	COVER	1		
11	AP34424	COVER	1		
12	AP34640	COVER	1		
13	AP34425	COVER	1		
15	AP34652	COVER	1		
16	AP34426	COVER	1		
18	4361601	LOCK	5		(SUB FOR TH108982) (SUB FOR AT176636) (USES H800 KEY)
	AT194969	KEY	1		(SUB FOR AT147803) (H800) (NOT ILLUSTRATED)
19	21M7022	SCREW	20		M5 X 20
	12M7064	LOCK WASHER	20		5 MM (0.197")
22	TH108983	HINGE	3		
23	21M7249	SCREW	6		M5 X 10
24	T205218	WASHER	6		(SUB FOR TH111908, 4107762)
26	9738682	STOP	32		(SUB FOR AT155189)
27	24M7027	WASHER	32		5.300 X 10 X 1 MM (0.209" X 0.394" X 0.039")
28	12M7064	LOCK WASHER	32		5 MM (0.197")
29	14M7297	NUT	32		M5
50	AP33356	KIT	1		WHOLEGOODS (VANDAL PROTECTION)

ENGINE COVER ISOLATORS

T137598 -UN-26JAN01



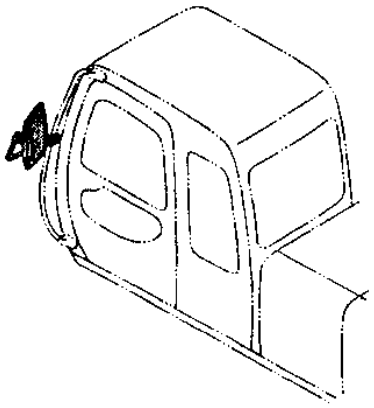
2G23

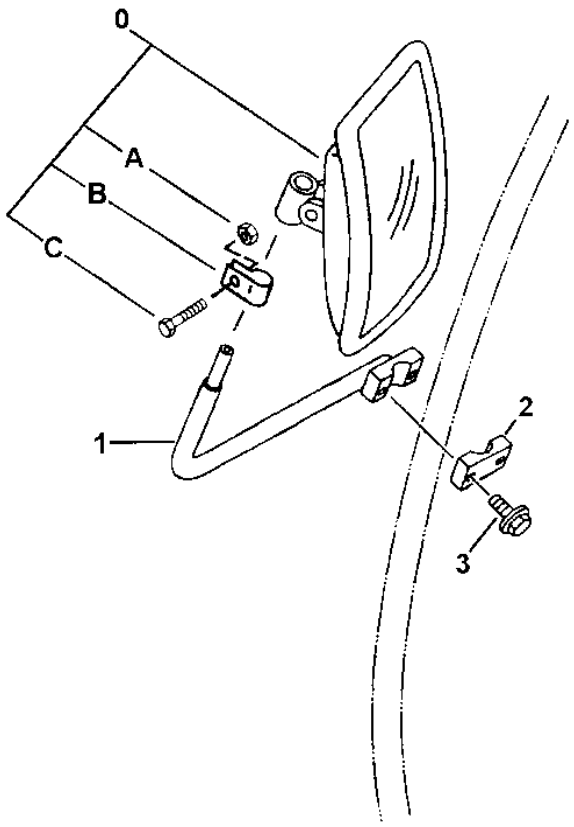
ENGINE COVER ISOLATORS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	.....	ISOLATOR	AR		(CUT TO LENGTH) (MAKE FROM P66463)

LEFT REAR VIEW MIRROR

TP54817 -UN-30MAY97





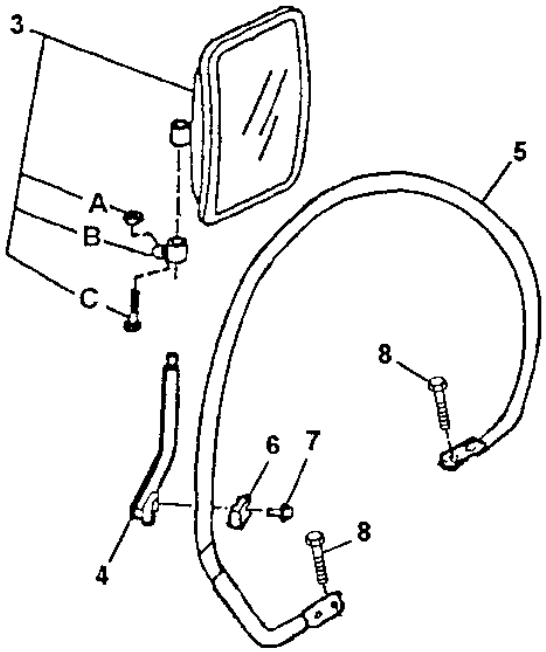
TP54817

LEFT REAR VIEW MIRROR

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4317906	REAR VIEW MIRROR	1	-XXXXXX	(SUB FOR TH104119)
	4420724	REAR VIEW MIRROR	1	XXXXXX-	(SUB FOR AT185207)
0A	14M7400	LOCK NUT	1		M10
0B	.....	CLAMP	1		(NOT AVAILABLE FOR SERVICE)
0C	03M7193	BOLT	1		M10 X 35
1	.....	ARM	1	-XXXXXX	(AT218191 NO LONGER AVAILABLE)
	8076228	ARM	1	XXXXXX-	
2	AT219494	CLAMP	1	-XXXXXX	
	4201441	CLAMP	1	XXXXXX-	(SUB FOR AT131743)
3	19M8359	CAP SCREW	2		M8 X 45
	12M7056	LOCK WASHER	2		8 MM (0.315") (SUB FOR 12M7065)

TOOL BOX COVER

T163855 -UN-15JAN03



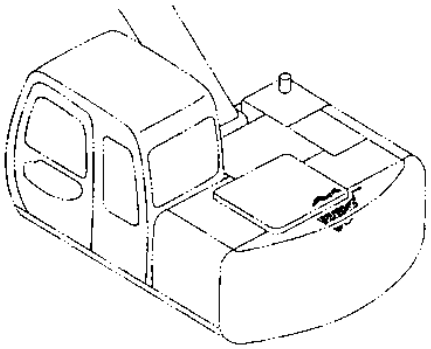
T163855

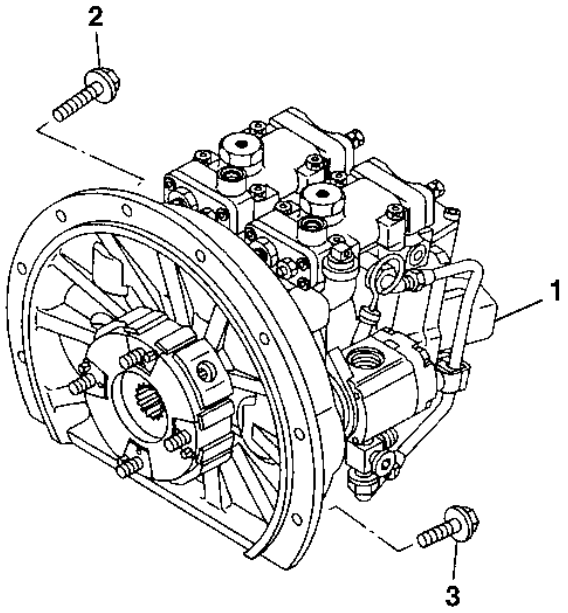
TOOL BOX COVER

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
3	4317906	REAR VIEW MIRROR	1	-XXXXXX	(TH104119 NO LONGER AVAILABLE)
	4420724	REAR VIEW MIRROR	1	XXXXXX-	(SUB FOR AT185207)
3A	14M7400	LOCK NUT	1		M10
3B	.....	CLAMP	1		
3C	03M7193	BOLT	1		M10 X 35
4	AT219497	ARM	1	-XXXXXX	(SUB FOR AT214363)
	8076066	ARM	1	XXXXXX-	
5	8070627	RAIL	1		
6	AT219494	CLAMP	1	-XXXXXX	
	4201441	CLAMP	1	XXXXXX-	
7	19M7378	CAP SCREW	2		M8 X 45
	12M7056	LOCK WASHER	2		8 MM
8	12M7058	LOCK WASHER	4		12 MM
	19M8011	CAP SCREW	4		M12 X 30

MAIN HYDRAULIC PUMP

TP48191 -UN-06NOV96





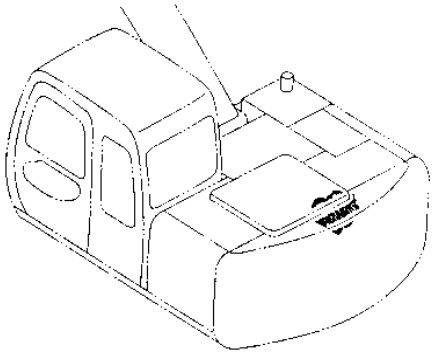
TP48191

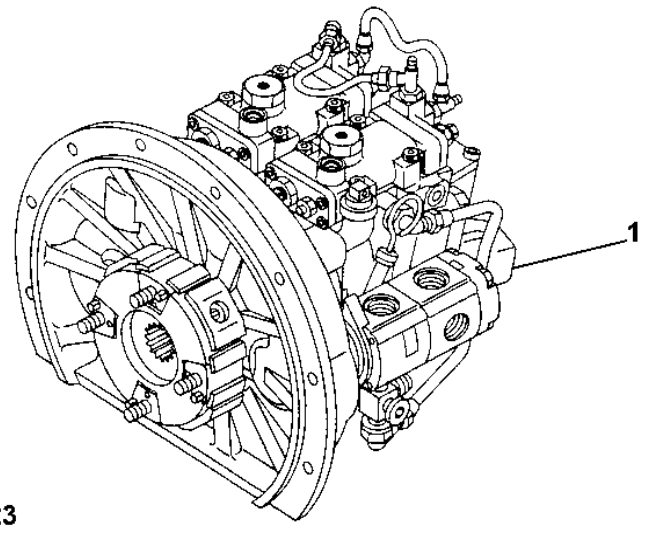
MAIN HYDRAULIC PUMP

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	9152593EX	HYDRAULIC PUMP	1		(SUB FOR AT183675) (REMANUFACTURED) (SEE SEPARATE PAGE FOR DETAIL) (SUB FOR AP35541 WITH ANTI-RUST PREVENTION) (SUB FOR AP34398)
2	19M7550	CAP SCREW	3		M10 X 35
	12M7066	LOCK WASHER	3		10 MM (0.394")
3	19M7662	CAP SCREW	5		M10 X 30
	12M7066	LOCK WASHER	5		10 MM (0.394")

MAIN HYDRAULIC PUMP FOR USE WITH BLADE

TP58923 -UN-17JAN98





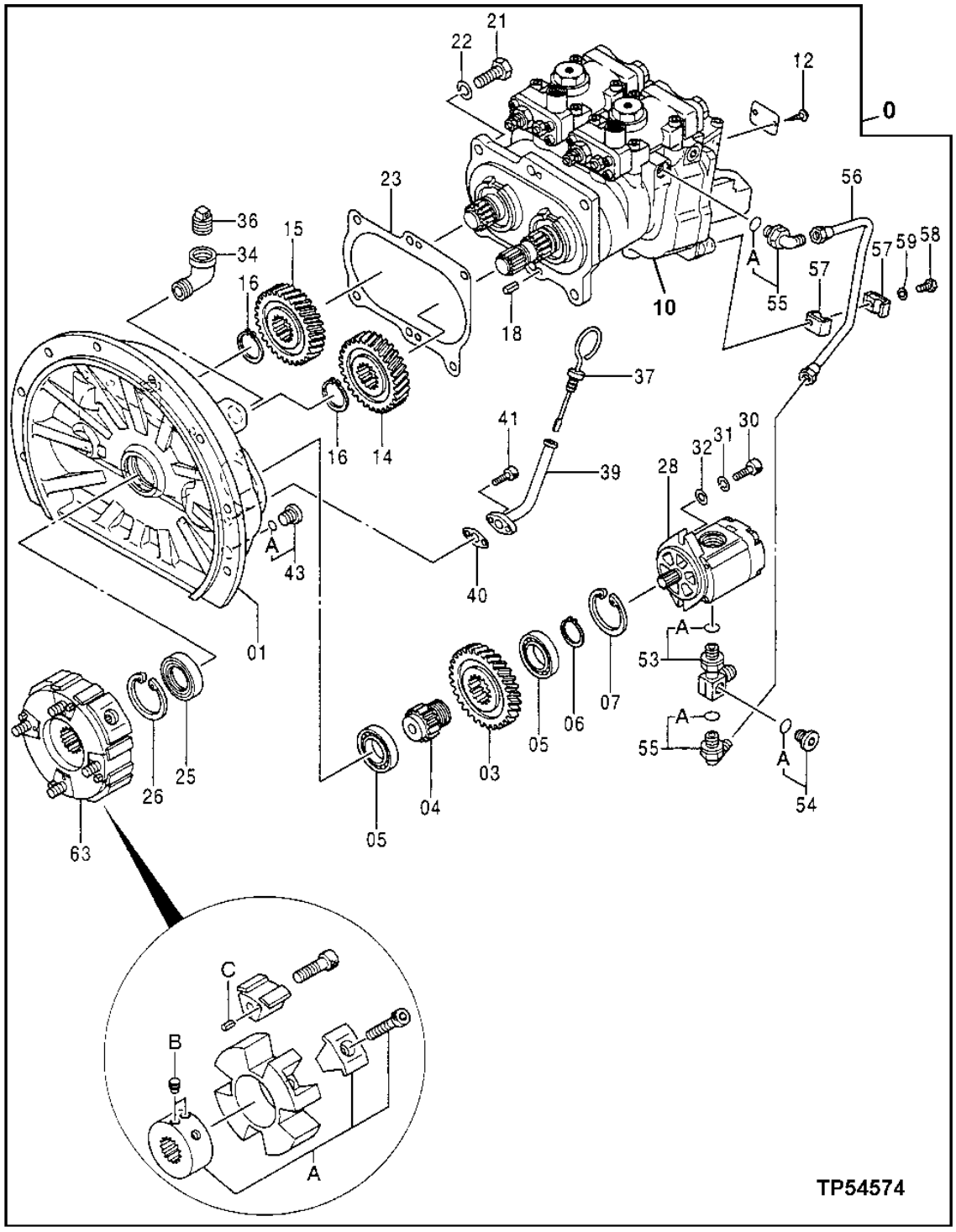
TP58923

MAIN HYDRAULIC PUMP FOR USE WITH BLADE

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	9159228	HYDRAULIC PUMP	1		(SEE SEPARATE PAGE FOR DETAIL) (SUB FOR AP35031) (SUB FOR AP35542 PUMP WITH ANTI-RUST)

MAIN HYDRAULIC PUMP

TP54574 -UN-05FEB97

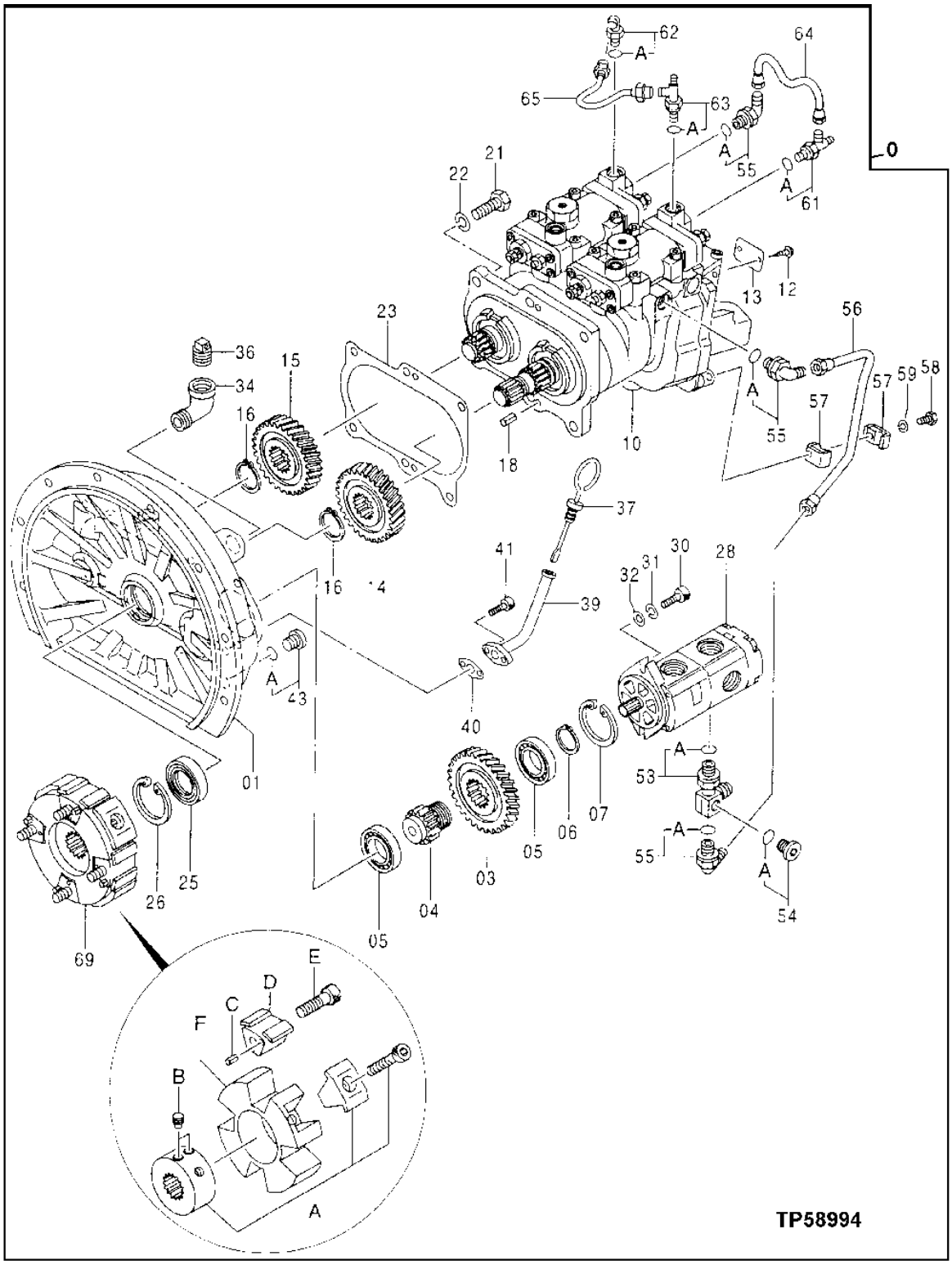


MAIN HYDRAULIC PUMP

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	9152593EX	HYDRAULIC PUMP	1		(SUB FOR AT183675) (REMANUFACTURED) (SUB FOR AP35541 WITH ANTI-RUST PREVENTION) (SUB FOR AP34398)
1	1022569	GEAR CASE	1		(SUB FOR AT215841)
3	3070066	GEAR	1		(SUB FOR AT215864)
4	3055594	SHAFT	1		(SUB FOR AT202412)
5	JD8514	BALL BEARING	2		
6	962002	SNAP RING	1		(SUB FOR TH100483)
7	40M7090	SNAP RING	1		
10	.....	PUMP	1		(UNIT) (NOT AVAILABLE FOR SERVICE AS COMPLETE ASSEMBLY) (SEE SPEARATE PAGE FOR COMPONENTS)
12	37H99	SCREW	2		2.540 X 6.350 MM (0.100" X 1/4")
14	3070062	GEAR	1		(SUB FOR AT215862)
15	3070063	GEAR	1		(SUB FOR AT215863)
16	962002	SNAP RING	2		(SUB FOR TH100483)
18	34M7061	SPRING PIN	2		8 X 20 MM (0.315" X 0.787")
21	J901445	CAP SCREW	6		(SUB FOR AT215658)
22	12H317	LOCK WASHER	6		14.288 MM (9/16")
23	8060011	GASKET	1		(SUB FOR AT215995)
25	4340328	SEAL	1		(SUB FOR AT215907)
26	40M7228	SNAP RING	1		
28	4276918	PUMP	1		(SUB FOR AT202122)
30	19M8337	SCREW	2		M10 X 30
31	12M7135	LOCK WASHER	2		10 MM (0.394") (SUB FOR 12M6791)
32	4114402	WASHER	2		(SUB FOR TH102181)
34	15H621	ELBOW FITTING	1		19.050 MM (3/4")
36	4234782	PLUG	1		(SUB FOR AT200990)
37	4242263	DIPSTICK	1		(SUB FOR TH112088)
39	9745521	DIPSTICK TUBE	1		(SUB FOR AT216029)
40	9742779	GASKET	1		(SUB FOR AT214401)
41	19M7647	SCREW	2		M8 X 16, (SUB FOR AT217709)
43	9134111	PIPE PLUG	1		(SUB FOR AT203648)
43A	CH11570	O-RING	1		13.800 X 2.400 MM (0.543" X 0.094")
53	4278547	ADAPTER	1		(SUB FOR AT154349)
53A	4506418	O-RING	1		(SUB FOR U46489)
54	9134110	PIPE PLUG	1		(SUB FOR AT203649)
54A	M800650	PACKING	1		
55	4293950	ELBOW FITTING	2		(SUB FOR TH109468 OR AT160584)
55A	M800650	PACKING	1		
56	3071962	OIL LINE	1		(SUB FOR AT215868)
57	9736515	CLAMP	2		(SUB FOR AT154545)
58	19M7513	CAP SCREW	1		M8 X 30
59	12M7056	LOCK WASHER	1		8 MM (0.315") (SUB FOR 12M7065)
63	4340275	COUPLING	1		(SUB FOR AT215906)
63A	4366376	HUB	1		(SUB FOR AT215952)
63B	4334899	SET SCREW	2		(SUB FOR AT203651)
63C	34M7117	SPRING PIN	4		5 X 10 MM (0.197" X 0.394")

MAIN HYDRAULIC PUMP (BLADE)

TP58994 -UN-11FEB98

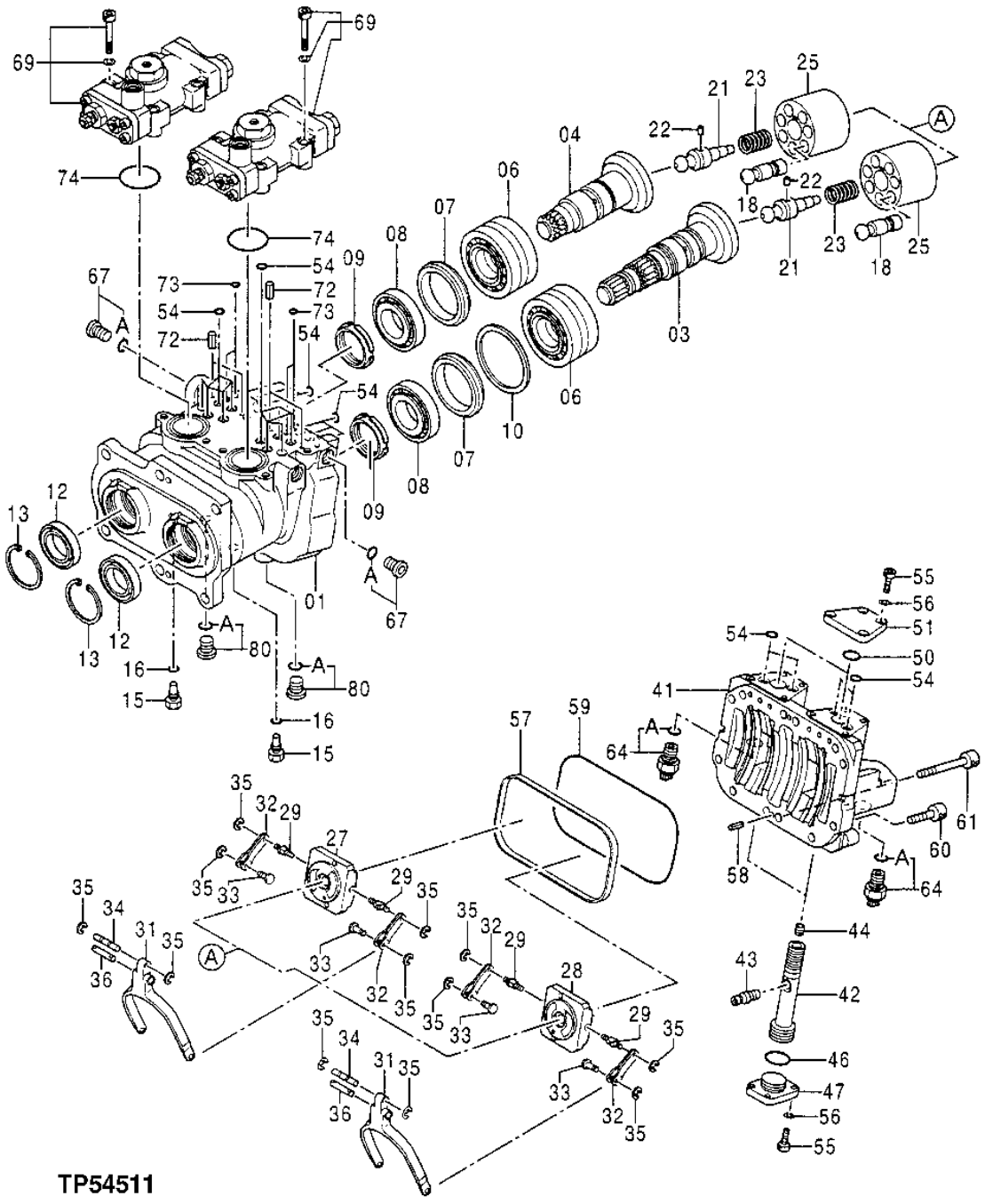


MAIN HYDRAULIC PUMP (BLADE)

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	9159228	HYDRAULIC PUMP	1		(SUB FOR AP35031) (SUB FOR AP35542 PUMP WITH ANTI-RUST)
1	1022569	GEAR CASE	1		(SUB FOR AT215841)
3	3070066	GEAR	1		(SUB FOR AT215864)
4	3055594	SHAFT	1		(SUB FOR AT202412)
5	JD8514	BALL BEARING	2		
6	962002	SNAP RING	1		(SUB FOR TH100483)
7	40M7090	SNAP RING	1		
10	.....	PUMP	1		(UNIT) (NOT AVAILABLE FOR SERVICE AS COMPLETE ASSEMBLY) (SEE SPEARATE PAGE FOR COMPONENTS)
12	37H99	SCREW	2		2.540 X 6.350 MM (0.100" X 1/4")
13	.....	IDENTIFICATION PLATE	1		
14	3070062	GEAR	1		(SUB FOR AT215862)
15	3070063	GEAR	1		(SUB FOR AT215863)
16	962002	SNAP RING	2		(SUB FOR TH100483)
18	34M7061	SPRING PIN	2		8 X 20 MM (0.315" X 0.787")
21	J901445	CAP SCREW	6		(SUB FOR AT215658)
22	12H317	LOCK WASHER	6		14.288 MM (9/16")
23	8060011	GASKET	1		(SUB FOR AT215995)
25	4340328	SEAL	1		(SUB FOR AT215907)
26	40M7228	SNAP RING	1		
28	9218033	PUMP	1		(SUB FOR AT183093, 4278696) (GEAR) (SEE SEPARATE PAGE FOR DETAIL)
30	19M8337	SCREW	2		M10 X 30
31	12M7135	LOCK WASHER	2		10 MM (0.394") (SUB FOR 12M6791)
32	4114402	WASHER	2		(SUB FOR TH102181)
34	15H621	ELBOW FITTING	1		19.050 MM (3/4")
36	4234782	PLUG	1		(SUB FOR AT200990)
37	4242263	DIPSTICK	1		(SUB FOR TH112088)
39	9745521	DIPSTICK TUBE	1		(SUB FOR AT216029)
40	9742779	GASKET	1		(SUB FOR AT214401)
41	19M7647	SCREW	2		M8 X 16, (SUB FOR AT217709)
43	9134111	PIPE PLUG	1		(SUB FOR AT203648)
43A	CH11570	O-RING	1		13.800 X 2.400 MM (0.543" X 0.094")
53	4278547	ADAPTER	1		(SUB FOR AT154349)
53A	4506418	O-RING	1		(SUB FOR U46489)
54	9134110	PIPE PLUG	1		(SUB FOR AT203649)
54A	M800650	PACKING	1		
55	4293950	ELBOW FITTING	2		(SUB FOR TH109468 OR AT160584)
55A	M800650	PACKING	1		
56	3071962	OIL LINE	1		(SUB FOR AT215868)
57	9736515	CLAMP	2		(SUB FOR AT154545)
58	19M7513	CAP SCREW	1		M8 X 30, (SUB FOR 19M7288)
59	12M7056	LOCK WASHER	1		8 MM (0.315") (SUB FOR 12M7065)
61	4203485	FITTING	1		(SUB FOR TH109466)
61A	M800650	PACKING	1		
62	4118499	ELBOW FITTING	1		(SUB FOR TH101821)
62A	M800650	PACKING	1		
63	4360605	TEE FITTING	1		(SUB FOR AT192822)
63A	M800650	PACKING	1		
64	4360719	PIPE	1		(SUB FOR AT192825)
65	4360718	PIPE	1		(SUB FOR AT192824)
69	4340275	COUPLING	1		(SUB FOR AT215906)
69A	4366376	HUB	1		(SUB FOR AT215952)
69B	4334899	SET SCREW	2		(SUB FOR AT203651)
69C	34M7117	SPRING PIN	4		5 X 10 MM (0.197" X 0.394")
69D	.....	INSERT	4		
69E	.....	BOLT	4		
69F	.....	FILTER ELEMENT	1		

MAIN HYDRAULIC PUMP UNIT

TP54511 -UN-21JAN97

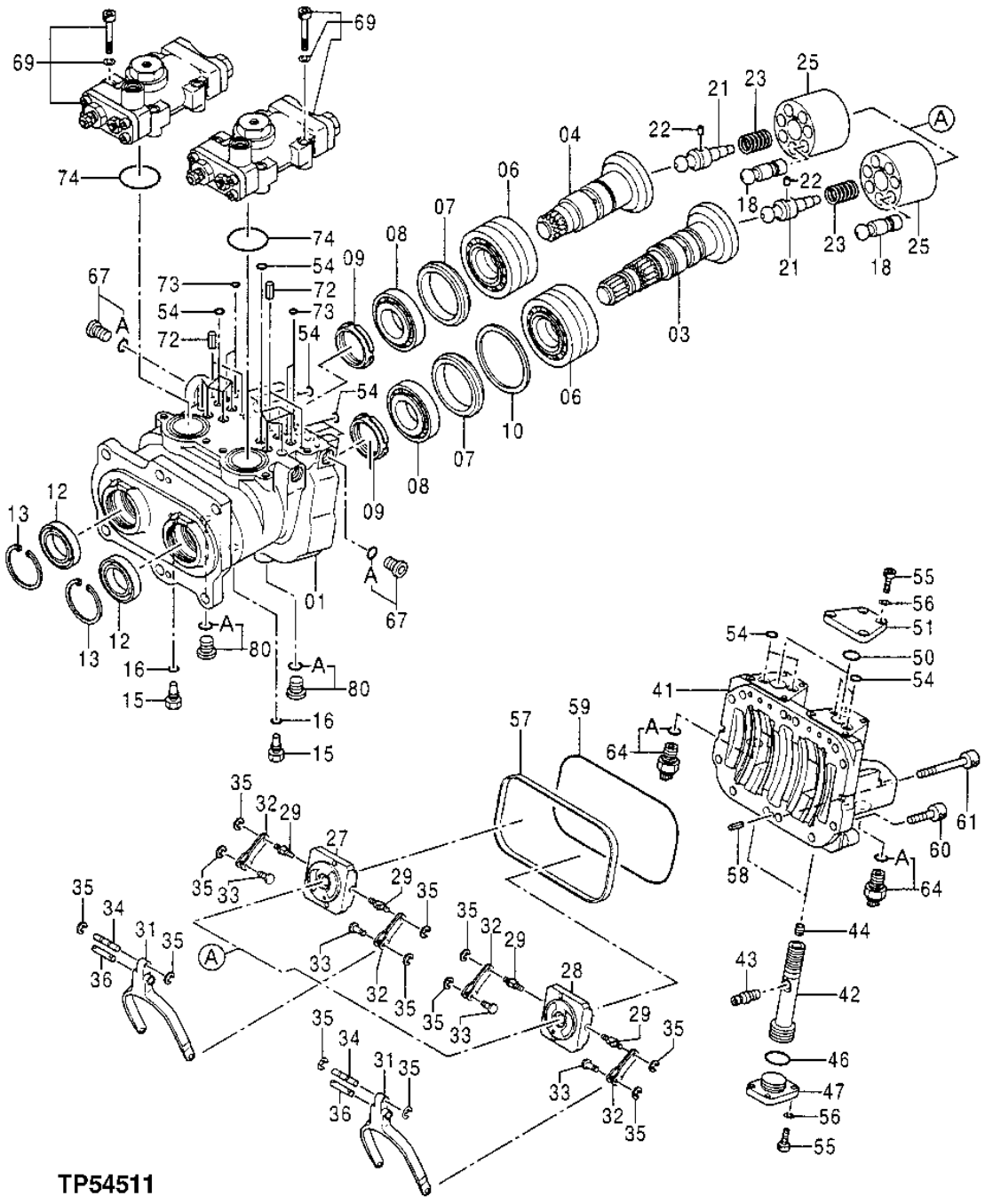


MAIN HYDRAULIC PUMP UNIT

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	.....	HOUSING	1		(SUB AT183675 COMPLETE PUMP DEVICE OR AP35031 COMPLETE PUMP DEVICE FOR USE WITH BLADE)
3	2036963	SHAFT	1		(SUB FOR AT215848)
4	2036965	SHAFT	1		(SUB FOR AT215849)
6	4339254	CYLINDRICAL ROLLER BEARING	2		(SUB FOR AT215904)
7	4348299	BUSHING	2		(SUB FOR AT215919)
8	4338325	CYLINDRICAL ROLLER BEARING	2		(SUB FOR AT215903)
9	4180790	NUT	2		M45, (SUB FOR TH109097)
10	4331993	THRUST WASHER	1		(SUB FOR AT215891)
12	4340358	SEAL	2		(SUB FOR AT215908)
13	4086775	SNAP RING	2		(SUB FOR AT215877)
15	4233165	FITTING	2		(SUB FOR AT154164)
16	M800650	PACKING	2		
18	9742464	PISTON	14		(SUB FOR AT216024)
21	4339296	SHAFT	2		(SUB FOR AT215905)
22	4198956	PIN FASTENER	2		(SUB FOR T107766)
23	4180786	COMPRESSION SPRING	2		(SUB FOR TH109105)
25	2036958	ROTOR	2		(SUB FOR AT215847)
27	2036441	FLOW CONTROL HYD. VALVE	1		(SUB FOR AT215842)
28	2037013	FLOW CONTROL HYD. VALVE	1		(SUB FOR AT215850)
29	4179179	DOWEL PIN	4		(SUB FOR TH109874)
31	3075855	LINK	2		(SUB FOR AT215874)
32	9724756	LEVER	4		(SUB FOR TH109873)
33	4179177	DOWEL PIN	4		(SUB FOR TH109875)
34	4179176	DOWEL PIN	2		(SUB FOR TH109876)
35	CH17951	RING	12		
36	4200227	DOWEL PIN	2		(SUB FOR TH109878)
41	1020401	CYLINDER HEAD	1		(SUB FOR AT215835)
42	3068226	PISTON	2		(SUB FOR AT215856)
43	4330909	PIN	2		(SUB FOR AT215888)
44	4179838	SET SCREW	2		(SUB FOR TH109881)
46	4355081	O-RING	2		(SUB FOR AT215931)
47	4330951	STOP	2		(SUB FOR AT215890)
50	4355080	O-RING	2		(SUB FOR AT215930)
51	4330950	STOP	2		(SUB FOR AT215889)
54	CH11560	PACKING	20		
55	19M8439	SCREW	16		M8 X 25
56	4514388	SPRING WASHER	16		(SUB FOR TH101835)
57	3071500	BACK-UP RING	1		(SUB FOR AT215867)
58	34M7061	SPRING PIN	2		8 X 20 MM (0.315" X 0.787")
59	4345061	O-RING	1		(SUB FOR AT215911)
60	19M8341	SCREW	10		M12 X 45
61	M341290	BOLT	2		(SUB FOR AT127258)
64	4436271	SENSOR	2		(SUB FOR AT175981 OR 4355012)
64A	TH102560	O-RING	1		15.800 X 2.400 MM (0.622" X 0.094")
67	9134110	PIPE PLUG	2		(SUB FOR AT203649)
67A	M800650	PACKING	1		
69	9152594	REGULATOR	2		(SUB FOR AT218364)
72	34M3845	SPRING PIN	4		4 X 10 MM (0.157" X 0.394")
73	4343074	O-RING	4		(SUB FOR AT213894)
74	4348665	O-RING	2		(SUB FOR AT213922)
80	9134111	PIPE PLUG	2		(SUB FOR AT203648)
80A	CH11570	O-RING	1		13.800 X 2.400 MM (0.543" X 0.094")

MAIN HYDRAULIC PUMP UNIT (BLADE)

TP54511 -UN-21JAN97

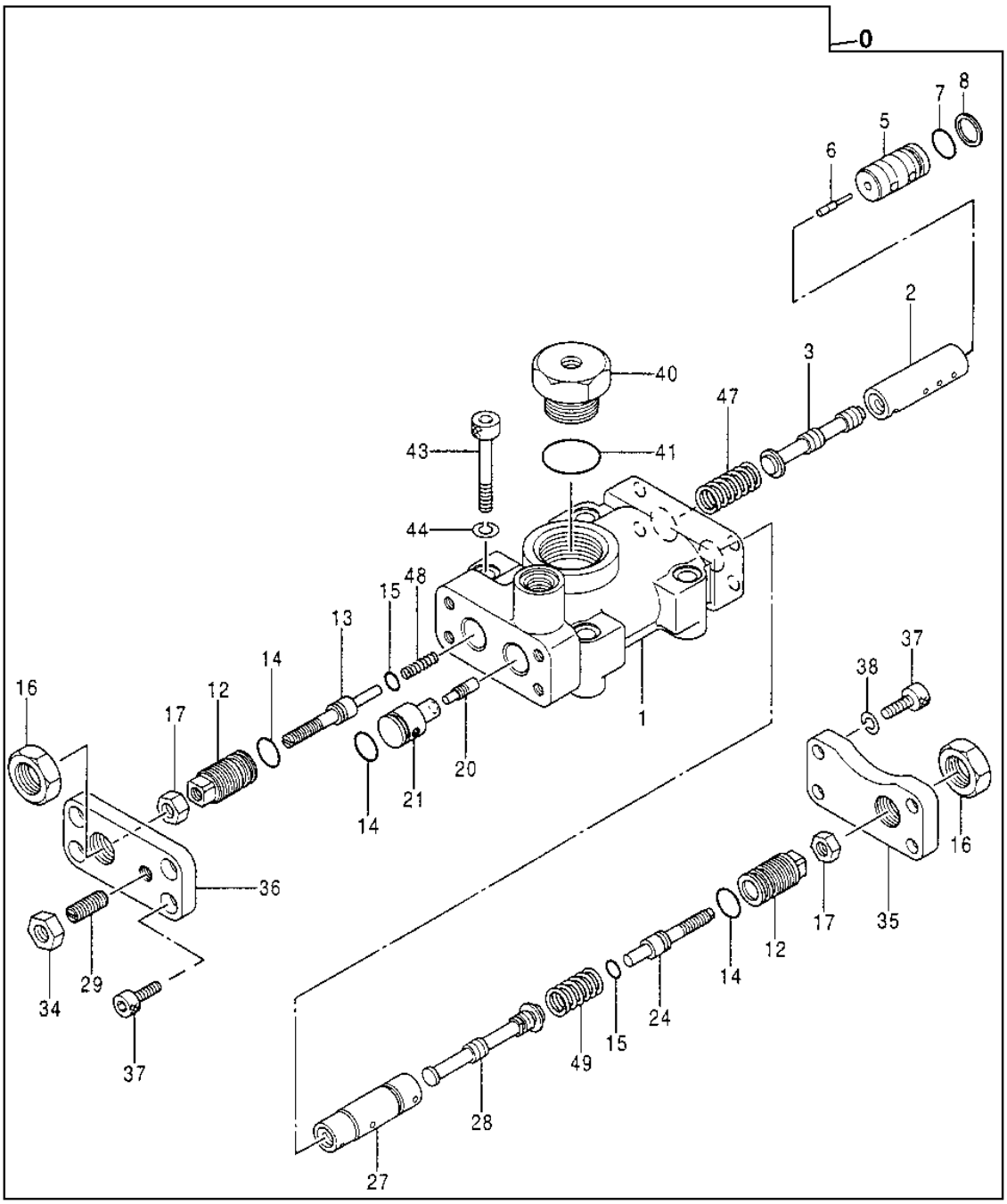


MAIN HYDRAULIC PUMP UNIT (BLADE)

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	.....	HOUSING	1		(SUB AT183675 COMPLETE PUMP DEVICE OR AP35031 COMPLETE PUMP DEVICE FOR USE WITH BLADE)
3	2036963	SHAFT	1		(SUB FOR AT215848)
4	2036965	SHAFT	1		(SUB FOR AT215849)
6	4339254	CYLINDRICAL ROLLER BEARING	2		(SUB FOR AT215904)
7	4348299	BUSHING	2		(SUB FOR AT215919)
8	4338325	CYLINDRICAL ROLLER BEARING	2		(SUB FOR AT215903)
9	4180790	NUT	2		M45, (SUB FOR TH109097)
10	4331993	THRUST WASHER	1		(SUB FOR AT215891)
12	4340358	SEAL	2		(SUB FOR AT215908)
13	4086775	SNAP RING	2		(SUB FOR AT215877)
15	4233165	FITTING	2		(SUB FOR AT154164)
16	M800650	PACKING	2		
18	9742464	PISTON	14		(SUB FOR AT216024)
21	4339296	SHAFT	2		(SUB FOR AT215905)
22	4198956	PIN FASTENER	2		(SUB FOR T107766)
23	4180786	COMPRESSION SPRING	2		(SUB FOR TH109105)
25	2036958	ROTOR	2		(SUB FOR AT215847)
27	2036441	FLOW CONTROL HYD. VALVE	1		(SUB FOR AT215842)
28	2037013	FLOW CONTROL HYD. VALVE	1		(SUB FOR AT215850)
29	4179179	DOWEL PIN	4		(SUB FOR TH109874)
31	3075855	LINK	2		(SUB FOR AT215874)
32	9724756	LEVER	4		(SUB FOR TH109873)
33	4179177	DOWEL PIN	4		(SUB FOR TH109875)
34	4179176	DOWEL PIN	2		(SUB FOR TH109876)
35	CH17951	RING	12		
36	4200227	DOWEL PIN	2		(SUB FOR TH109878)
41	1020401	CYLINDER HEAD	1		(SUB FOR AT215835)
42	3068226	PISTON	2		(SUB FOR AT215856)
43	4330909	PIN	2		(SUB FOR AT215888)
44	4179838	SET SCREW	2		(SUB FOR TH109881)
46	4355081	O-RING	2		(SUB FOR AT215931)
47	4330951	STOP	2		(SUB FOR AT215890)
50	4355080	O-RING	2		(SUB FOR AT215930)
51	4330950	STOP	2		(SUB FOR AT215889)
54	CH11560	PACKING	20		
55	19M8439	SCREW	16		M8 X 25
56	4514388	SPRING WASHER	16		(SUB FOR TH101835)
57	3071500	BACK-UP RING	1		(SUB FOR AT215867)
58	34M7061	SPRING PIN	2		8 X 20 MM (0.315" X 0.787")
59	4345061	O-RING	1		(SUB FOR AT215911)
60	19M8341	SCREW	10		M12 X 45
61	M341290	BOLT	2		(SUB FOR AT127258)
64	4436271	SENSOR	2		(SUB FOR AT175981)
64A	TH102560	O-RING	1		15.800 X 2.400 MM (0.622" X 0.094")
67	9134110	PIPE PLUG	2		(SUB FOR AT203649)
67A	M800650	PACKING	1		
69	9158023	REGULATOR	2		(SUB FOR AT183915)
72	34M3845	SPRING PIN	4		4 X 10 MM (0.157" X 0.394")
73	4343074	O-RING	4		(SUB FOR AT213894)
74	4348665	O-RING	2		(SUB FOR AT213922)
80	9134111	PIPE PLUG	2		(SUB FOR AT203648)
80A	CH11570	O-RING	1		13.800 X 2.400 MM (0.543" X 0.094")

REGULATOR

T157115 -UN-12JUL02



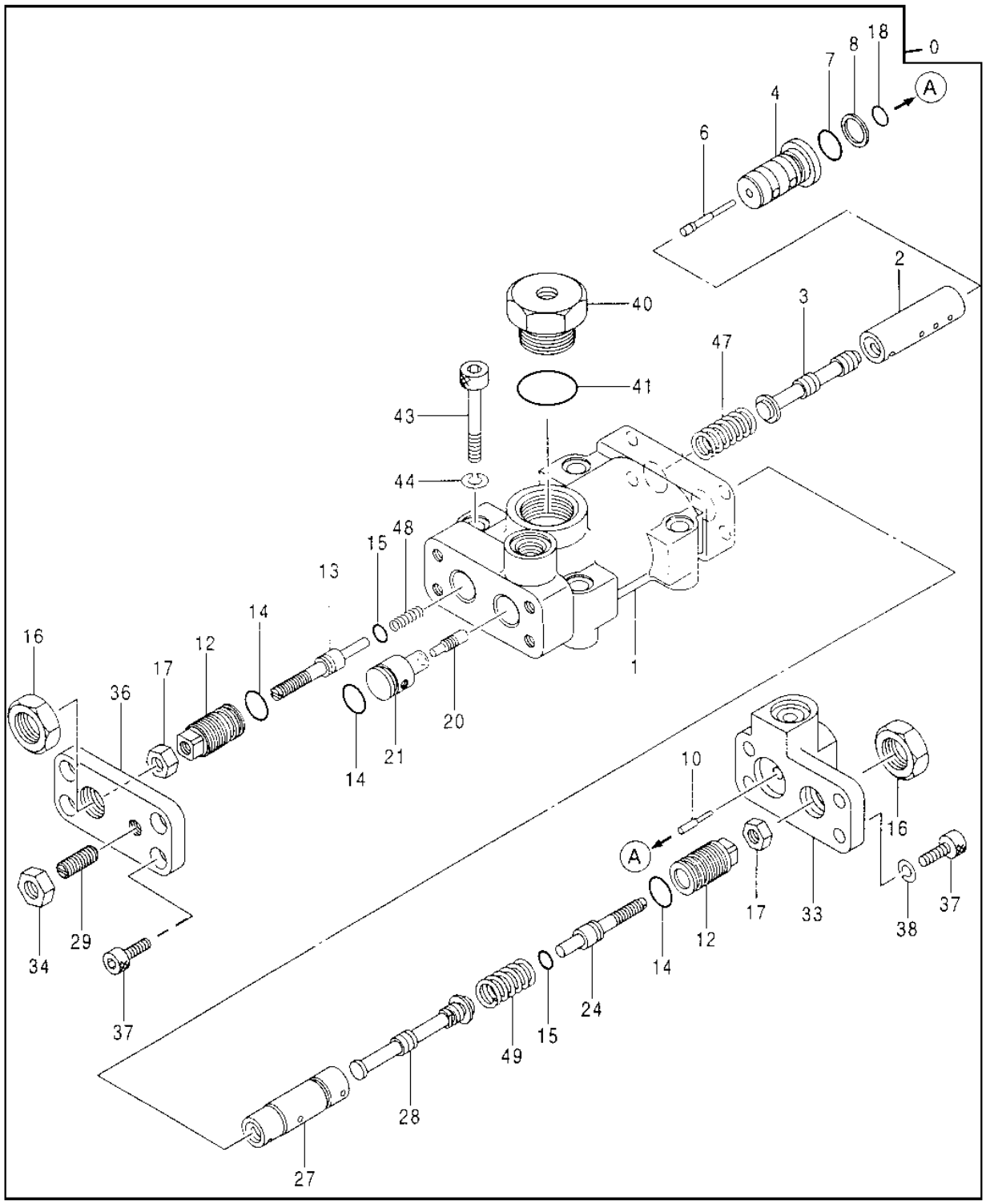
T157115

REGULATOR

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	9152594	REGULATOR	1		(SUB FOR AT218364)
1	.....	HOUSING	1		
2	4179155	SLEEVE	1		(SUB FOR TH109892)
3	4179156	SPOOL	1		(SUB FOR TH109893)
5	4337245	CYLINDER	1		(SUB FOR AT215899)
6	4337258	PISTON	1		(SUB FOR AT215900)
7	TH102560	O-RING	1		15.800 X 2.400 MM (0.622" X 0.094")
8	4085607	BACK-UP RING	1		(SUB FOR TH102562)
12	4179161	STOP	2		(SUB FOR TH109898)
13	4179162	STOP	1		(SUB FOR TH109899)
14	4342843	O-RING	3		(SUB FOR AT213892)
15	4342841	O-RING	2		(SUB FOR AT213891)
16	4068898	NUT	2		M20, (SUB FOR TH102567)
17	14M7273	NUT	2		M8
20	4179171	PISTON	1		(SUB FOR TH109911)
21	4179170	CYLINDER	1		(SUB FOR TH109910)
24	4347107	STOP	1		(SUB FOR AT213917)
27	4358929	SLEEVE	1		(SUB FOR AT215937)
28	4346521	VALVE SPOOL	1		(SUB FOR AT213912)
29	4265964	SET SCREW	1		(SUB FOR AT201005)
34	14M7274	NUT	1		M10
35	4337215	COVER	1		(SUB FOR AT215898)
36	4433327	COVER	1		(SUB FOR TH109913)
37	19M8446	SCREW	8		M8 X 20
38	4514388	SPRING WASHER	4		(SUB FOR TH101835)
40	4179174	FITTING PLUG	1		(SUB FOR TH109914)
41	4342846	O-RING	1		(SUB FOR AT213893)
43	19M8339	SCREW	4		M10 X 55
44	12M7135	LOCK WASHER	4		10 MM (0.394") (SUB FOR 12M6791)
47	4194176	COMPRESSION SPRING	1		(SUB FOR TH111263)
48	4332878	COMPRESSION SPRING	1		(SUB FOR AT215893)
49	4350928	COMPRESSION SPRING	1		(SUB FOR AT213951)

BLADE PUMP REGULATOR

T157116 -UN-12JUL02



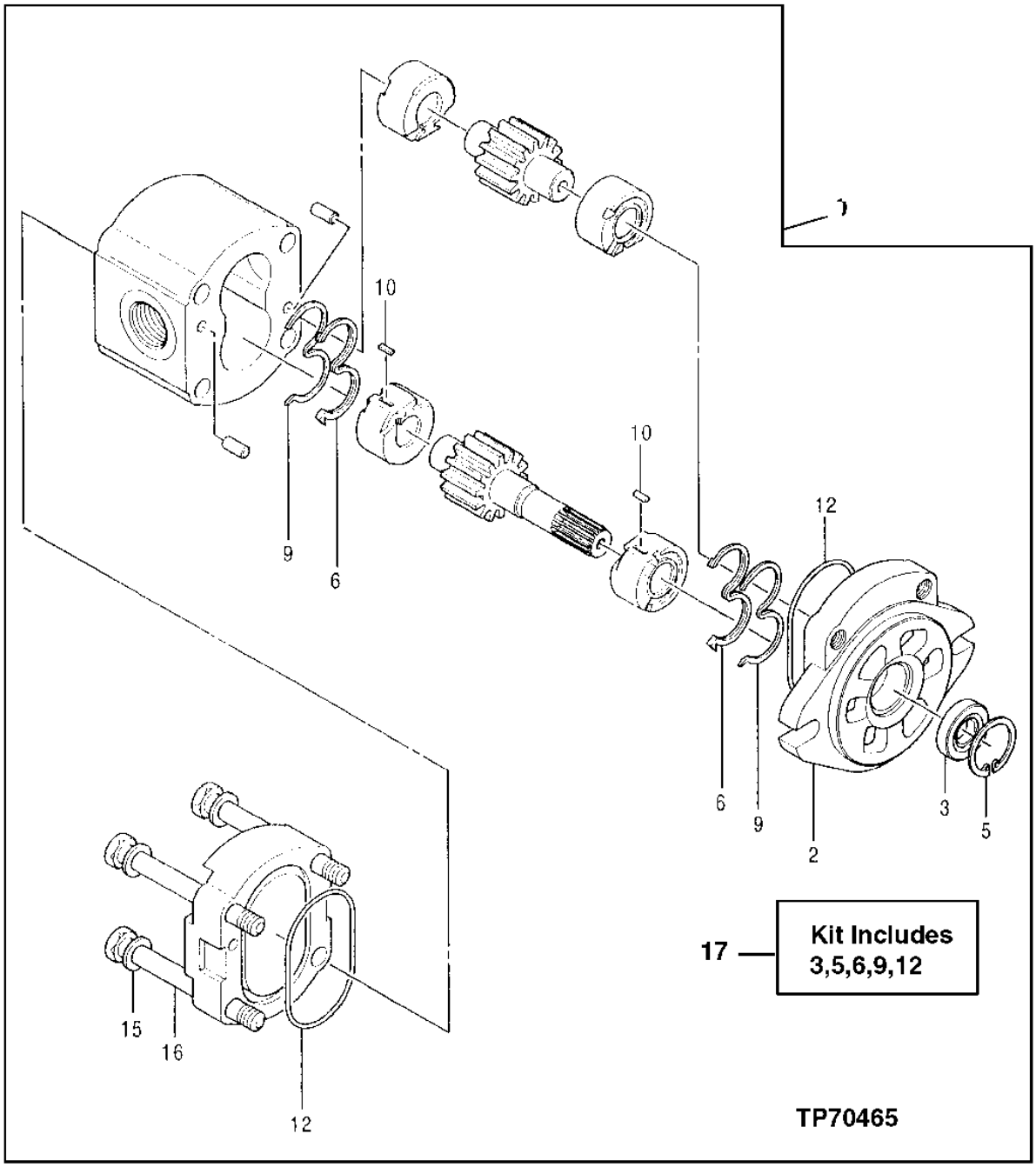
T157116

BLADE PUMP REGULATOR

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	9158023	REGULATOR	1		(SUB FOR AT183915)
1	.....	HOUSING	1		
2	4179155	SLEEVE	1		(SUB FOR TH109892)
3	4179156	SPOOL	1		(SUB FOR TH109893)
4	4375722	CYLINDER	1		(SUB FOR AT183916)
6	4360590	PISTON	1		(SUB FOR AT183917)
7	TH102560	O-RING	1		15.800 X 2.400 MM (0.622" X 0.094")
8	4085607	BACK-UP RING	1		(SUB FOR TH102562)
10	4360592	PISTON	1		(SUB FOR AT183918)
12	4179161	STOP	2		(SUB FOR TH109898)
13	4368619	STOP	1		(SUB FOR AT214045)
14	4342843	O-RING	3		15.800 X 2.400 MM (0.622" X 0.094") (SUB FOR AT213892)
15	4342841	O-RING	2		8.800 X 1.900 MM (0.346" X 0.075") (SUB FOR AT213891)
16	4068898	NUT	2		M20, (SUB FOR TH102567)
17	14M7273	NUT	2		M8
18	4297380	O-RING	1		(SUB FOR AT183919)
20	4179171	PISTON	1		(SUB FOR TH109911)
21	4179170	CYLINDER	1		(SUB FOR TH109910)
24	4347107	STOP	1		(SUB FOR AT213917)
27	4358929	SLEEVE	1		(SUB FOR AT215937)
28	4346521	VALVE SPOOL	1		(SUB FOR AT213912)
29	4265964	SET SCREW	1		(SUB FOR AT201005)
33	3077329	COVER	1		(SUB FOR AT183920)
34	14M7274	NUT	1		M10
36	4433327	COVER	1		(SUB FOR TH109913)
37	19M8446	SCREW	8		M8 X 20
38	4514388	SPRING WASHER	4		(SUB FOR TH101835)
40	4179174	FITTING PLUG	1		(SUB FOR TH109914)
41	4342846	O-RING	1		28.700 X 3.500 MM (1.130" X 0.138") (SUB FOR AT213893)
43	19M8339	SCREW	4		M10 X 55
44	12M7135	LOCK WASHER	4		10 MM (0.394") (SUB FOR 12M6791)
47	4194176	COMPRESSION SPRING	1		(SUB FOR TH111263)
48	4332878	COMPRESSION SPRING	1		(SUB FOR AT215893)
49	4350928	COMPRESSION SPRING	1		(SUB FOR AT213951)

PUMP GEAR

TP70465 -UN-08SEP00

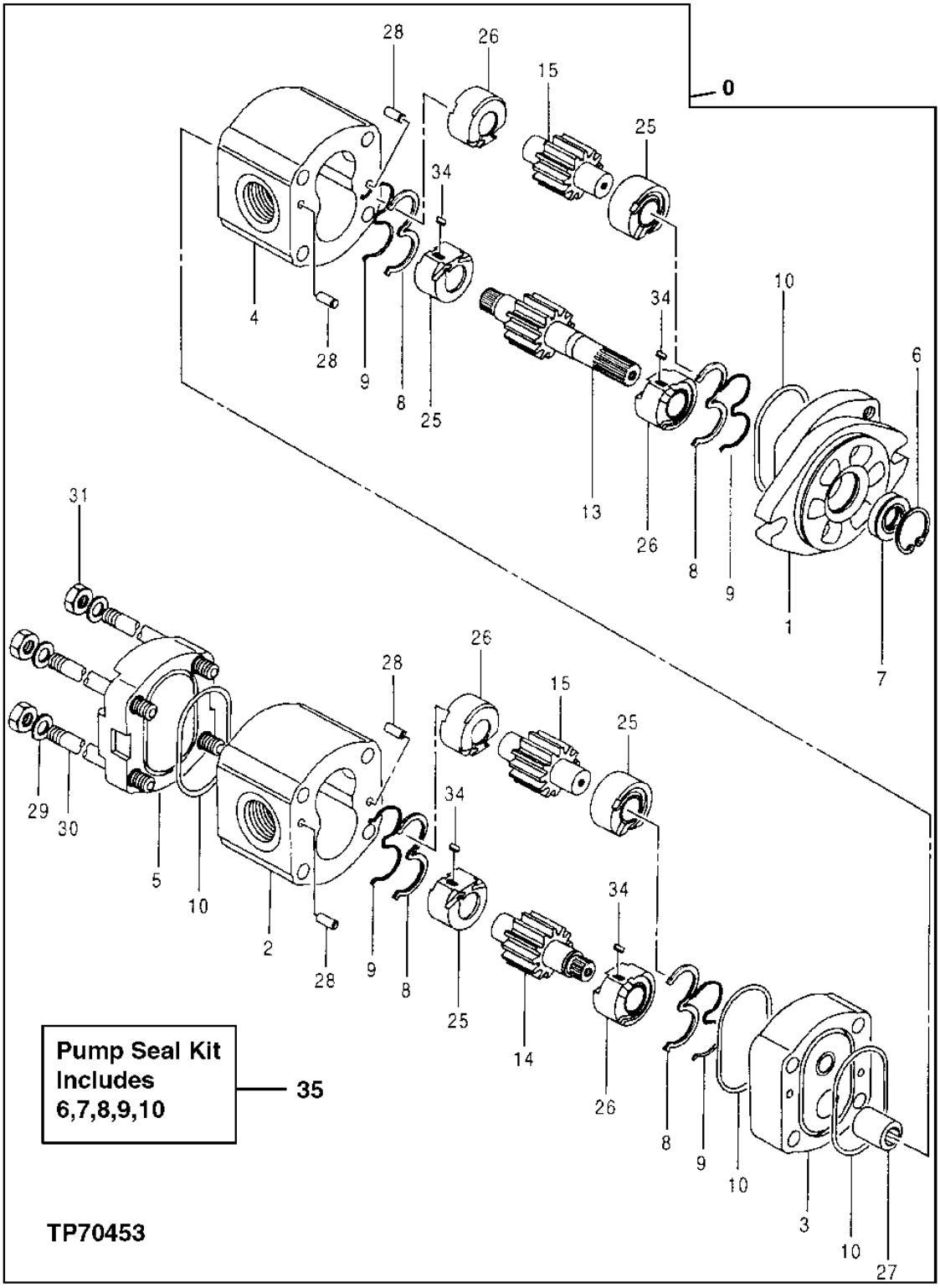


PUMP GEAR

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4276918	PUMP	1		(SUB FOR AT202122)
2	AT203653	FLANGE	1		
3	0408202	SEAL	1		(A) (SUB FOR AT153880)
5	.....	SNAP RING	1		(A) (AT153833 NOT AVAILABLE AS INDIVIDUAL SERVICE PART)
6	.....	SEAL	2		(A) (AT153881 NOT AVAILABLE AS INDIVUDAL SERVICE PART)
9	.....	FILTER ELEMENT	2		(A) (AT153834 NOT AVAILABLE AS INDIVUDAL SERVICE PART)
10	4484119	KEY	2		(SUB FOR AT153838)
12	AT153835	O-RING	2		(A) 64.500 X 2.700 MM (2.539" X 0.106")
15	AT153837	WASHER	4		10.400 X 18 X 2 MM (0.409" X 0.709" X 0.079")
16	0408204	BOLT	4		(SUB FOR AT153882)
17	0408207	SEAL KIT	1		(INCLUDES PARTS MARKED (A)) (SUB FOR AT153885)

PUMP GEAR (BLADE)

TP70453 -UN-08SEP00

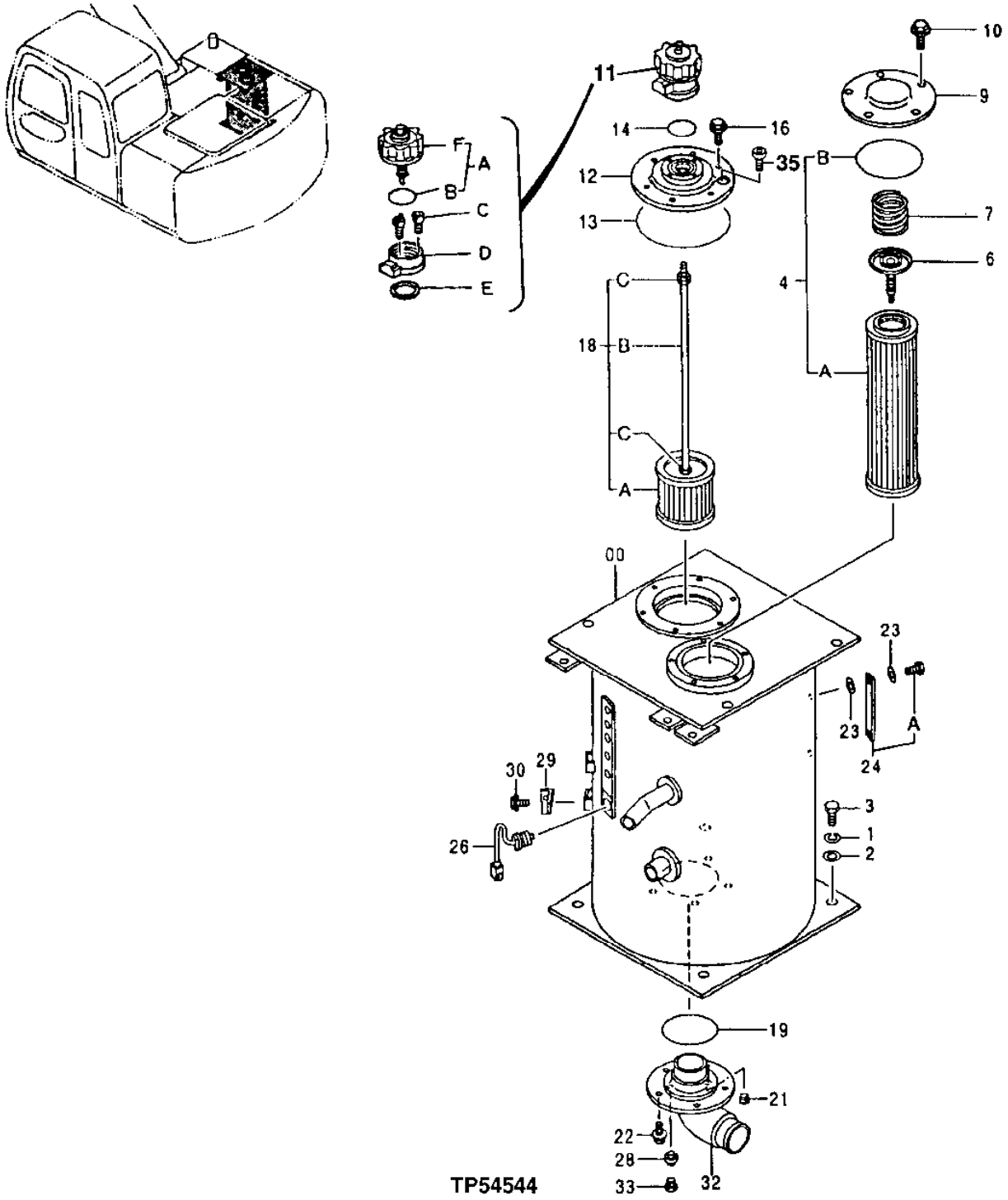


PUMP GEAR (BLADE)

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	9218033	PUMP	1		(SUB FOR AT183093, 4278696)
1	AT203653	FLANGE	1		
2	.....	HOUSING	1		
3	0424901	FLANGE	1		(SUB FOR AT183922)
4	.....	HOUSING	1		
5	.....	COVER	1		
6	.....	SNAP RING	1		(K)
7	0408202	SEAL	1		(K) (SUB FOR AT153880)
8	.....	SEAL	4		(K)
9	.....	BACK-UP RING	4		(K)
10	AT153835	O-RING	4		(K)
13	.....	GEAR	1		
14	.....	GEAR	1		
15	.....	GEAR	1		
25	.....	BUSHING	4		
26	.....	BUSHING	4		
27	0424902	COUPLING	1		(SUB FOR AT183923)
28	.....	PIN	6		
29	AT153837	WASHER	4		10.400 X 18 X 2 MM (0.409" X 0.709" X 0.079")
30	0415302	BOLT	4		(SUB FOR AT183924)
31	0354613	NUT	4		(SUB FOR AT183925)
34	AT153838	SHAFT KEY	4		
35	0424903	SEAL KIT	1		INCLUDES ALL (K) PARTS (SEAL) (SUB FOR AT183921)

OIL TANK

TP54544 -UN-14JAN97

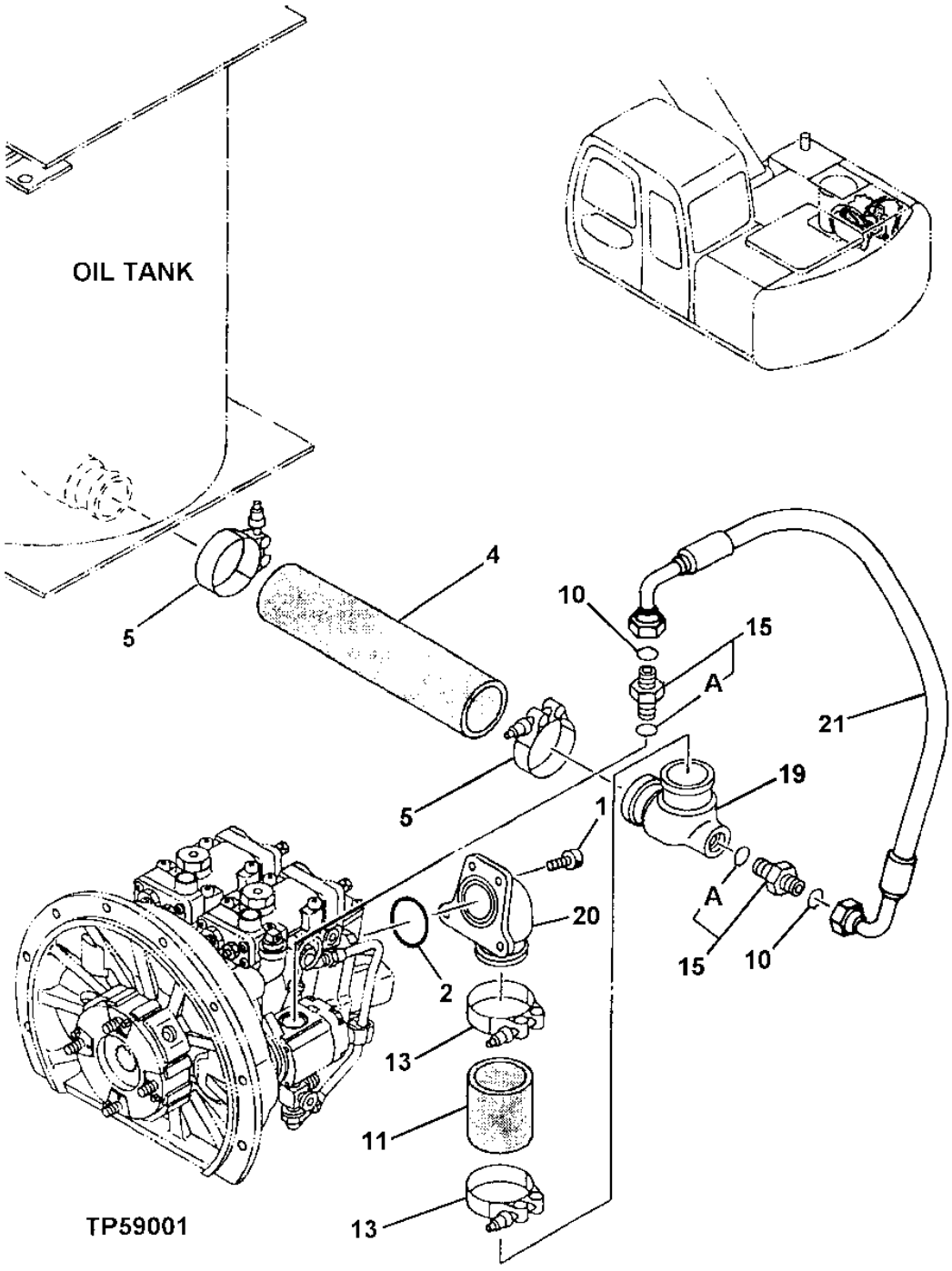


OIL TANK

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	AP34078	HYDRAULIC RESERVOIR	1		
1	12H294	LOCK WASHER	4		15.875 MM (5/8")
2	24M7338	WASHER	4		17 X 30 X 3 MM (0.669" X 1.181" X 0.118")
3	19M7488	CAP SCREW	4		M16 X 40
4	AT308569	FILTER ELEMENT	1		(SUB FOR TH111010) (SUB FOR 4227353) (ALSO ORDER AT194547 IF SERIAL NUMBER -020070)
4A	.....	FILTER ELEMENT	1		
	AT171693	FILTER	1		(NOT ILLUSTRATED) (CLEAN-UP FILTER) (LIMITED USE - APPROXIMATELY 3 HOURS) (IDLE SPEED) (ALSO REQUIRES CH17213 PACKING)
4B	CH17213	PACKING	1		
6	4065280	FLOW CONTROL HYD. VALVE	1		(SUB FOR TH101887)
7	4109393	SPRING	1		(SUB FOR TH101883)
9	4264508	COVER	1		(SUB FOR AT154296)
10	19M3142	CAP SCREW	5		M10 X 18
	12M7066	LOCK WASHER	5		10 MM (0.394")
11	.....	BREATHER	1		
11A	4326285	CAP	1		(SUB FOR AT167080)
11B	T162516	O-RING	1		
11C	19M8146	SCREW	1		M5 X 16
11D	4222875	BASE	1		(SUB FOR TH111021)
11E	4222876	PACKING	1		(SUB FOR TH111022)
11F	4251384	FILTER ELEMENT	1		(SUB FOR AT122928)
12	8066670	COVER	1		(SUB FOR AT215118)
13	TH100679	O-RING	1		159.300 X 5.700 MM (6.272" X 0.224")
14	CH11571	PACKING	1		
16	19M7938	CAP SCREW	6		M10 X 20, (SUB FOR 19M8761, THIS APPLICATION)
	12M7066	LOCK WASHER	6		10 MM (0.394")
18	.....	FILTER	1		(AT154233 NOT AVAILABLE FOR SERVICE)
18A	4285577	STRAINER	1		(SUB FOR AT154383)
18B	4285578	ROD	1		(SUB FOR AT154384)
18C	14M7274	NUT	3		M10
19	TH102793	O-RING	1		129.600 X 5.700 MM (5.102" X 0.224")
21	94-2011	FITTING PLUG	1		(SUB FOR TH100434)
22	19M7402	CAP SCREW	5		M10 X 25, (SUB FOR 19M7662, THIS APPLICATION)
	12M7066	LOCK WASHER	5		10 MM (0.394")
23	449558	WASHER	4		(SUB FOR TH100675)
24	8053499	LEVEL GAUGE	1		(SUB FOR TH108293)
24A	4100967	FITTING	2		(SUB FOR TH101894)
26	4259787	SWITCH	1		(SUB FOR AT154937)
28	4250261	GASKET	1		(SUB FOR AT154922)
29	4257159	BRACKET	1		(SUB FOR AT154243)
30	19M7938	CAP SCREW	1		M10 X 20, (SUB FOR 19M8324, THIS APPLICATION)
	12M7066	LOCK WASHER	1		10 MM (0.394") (SUB FOR 12M7067, THIS APPLICATION)
32	2038156	PIPE	1		(SUB FOR AT176388)
33	4364696	FITTING PLUG	1		(SUB FOR P61607)
35	4209653	FITTING PLUG	1		(SUB FOR TH109514)
36	AT194547	O-RING	1	-020071	

SUCTION PIPINGS

TP59001 -UN-04MAR98

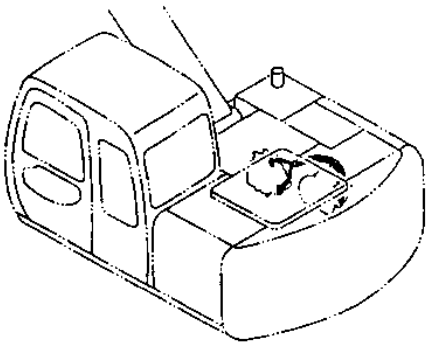


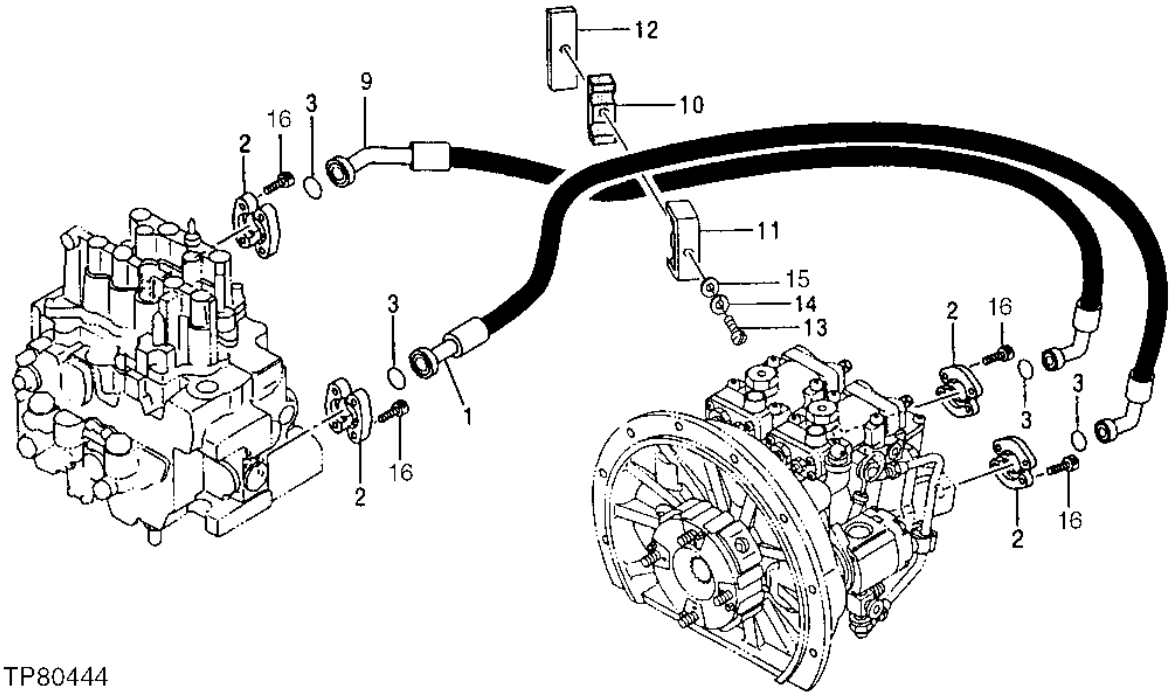
SUCTION PIPINGS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	J781228	BOLT	4		(SUB FOR P61967) (SUB FOR AT214412)
2	TH105684	O-RING	1		74.400 X 3.100 MM (2.929" X 0.122")
4	P68663	HOSE	1		(SUB FOR AP34517)
5	AT37476	HOSE CLAMP	2		(SUB FOR AT43291, THIS APPLICATION)
10	T77858	O-RING	2		18.771 X 1.778 MM (0.739" X 0.070")
11	P68662	HOSE	1		(SUB FOR AP34518)
13	AT43291	HOSE CLAMP	2		(USE WITH AP34518)
	AT37476	HOSE CLAMP	2		(USE WITH P68662)
15	4189619	ADAPTER	2		(SUB FOR AT107392)
15A	AT318035	O-RING	1		(SUB FOR 4506424, TH100055)
19	3073276	PIPE	1		(SUB FOR P60500) (SUB FOR AT176387)
20	3073277	TUBE	1		(SUB FOR P61721)
21	P64270	HYDRAULIC HOSE - FABRICATE	1		

DELIVERY PIPINGS

TP80444 -UN-16FEB00





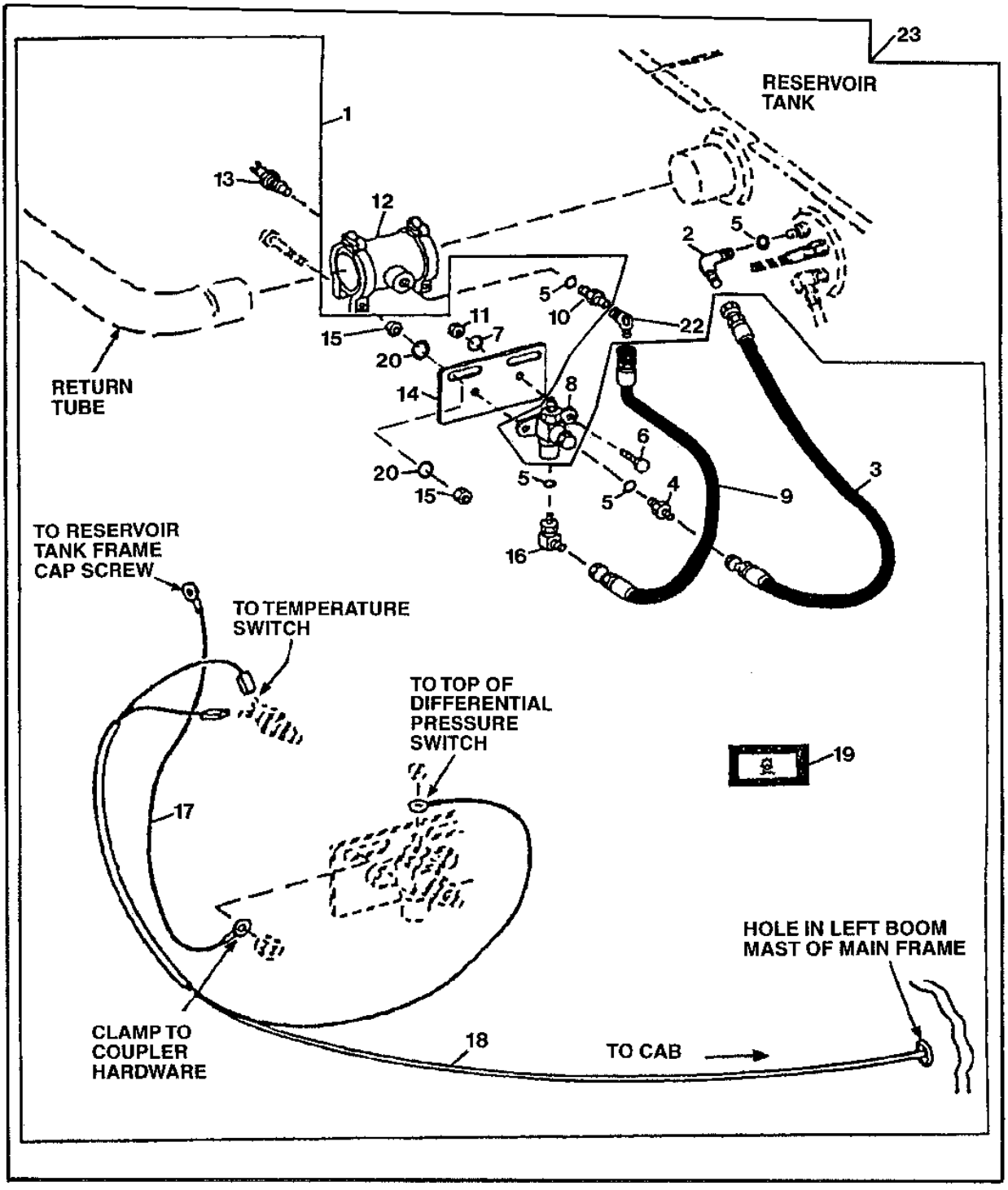
TP80444

DELIVERY PIPINGS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	P64271	HOSE	1		
2	T107446	FLANGE FITTING	8		
3	T59014	O-RING	4		24.994 X 3.531 MM (63/64" X 0.139")
9	P64272	HOSE	1		
10	AT318021	CLAMP	1		(SUB FOR 4285722, AT155739)
11	4285723	CLAMP	1		(SUB FOR AT155738)
12	9738975	CLAMP	1		(SUB FOR AT204853)
13	19M8088	CAP SCREW	1		M12 X 75
14	19M8337	SCREW	1		M10 X 30
15	24M7047	WASHER	1		13 X 24 X 2.500 MM
16	19M8337	SCREW	16		M10 X 30

HYDRAULIC FILTER RESTRICTION INDICATOR

TP68602 -UN-05MAR00



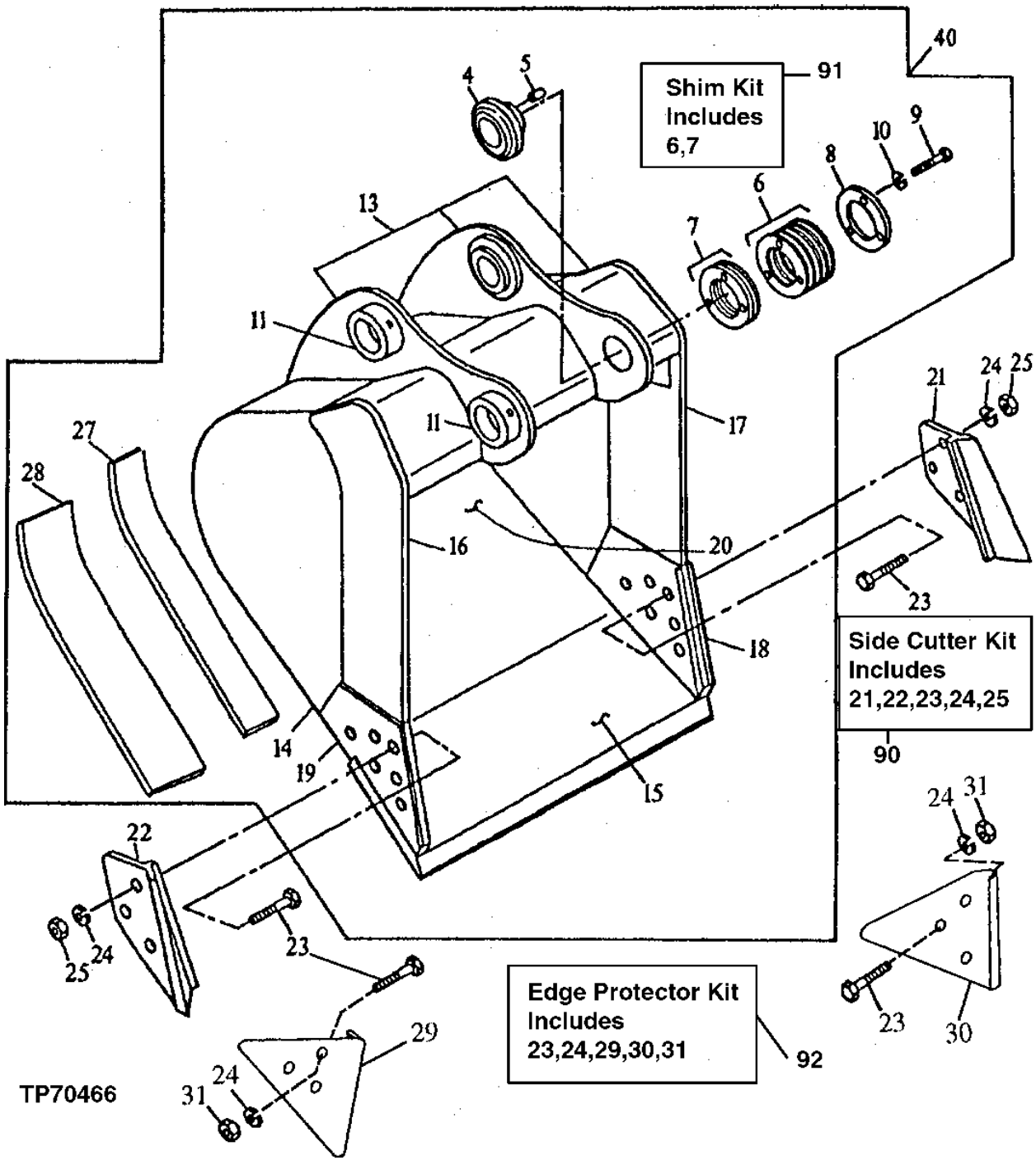
TP68602

HYDRAULIC FILTER RESTRICTION INDICATOR

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	.....	KIT	1		(AT157667 NO LONGER AVAILABLE) (ALSO ORDER AT134345, AH89069 AND AE24616)
2	AH89069	ELBOW FITTING	1		
3	AH97777	HYDRAULIC HOSE	1		7/16" X 407 MM (16") X 7/16"
4	H75414	ADAPTER	1		
5	T70177	O-RING	4		11.887 X 1.981 MM (0.468" X 5/64")
6	19H1919	CAP SCREW	2		6.350 X 15.875 MM (1/4" X 5/8")
7	24H1286	WASHER	2		7.137 X 12.700 X 1.600 MM (9/32" X 1/2" X 1/16")
8	AT131436	PRESSURE SWITCH	1		
9	AT38628	HYDRAULIC HOSE - FABRICATE	1		9/16" X 381 MM (15") X 9/16"
10	R27212	FITTING	1		
11	14H786	NUT	2		1/4"
12	AT134345	COUPLING	1		
13	AT131437	SWITCH	1		
14	T138910	BRACKET	1		
15	14M7273	NUT	2		M8
	14M7274	NUT	2		M10
16	AT35121	ELBOW FITTING	1		
17	AR76140	WIRING LEAD	1		
18	AT196334	WIRING HARNESS	1		(SUB FOR AT157668)
19	T153187	LABEL	1		(AMBER) (SUB FOR T143272 CLEAR LABEL)
20	24M7036	WASHER	2		9 X 16 X 1.600 MM (0.354" X 0.630" X 0.063")
21	R44302	TIE BAND	7		(NOT ILLUSTRATED)
22	AE24616	ELBOW FITTING	1		
23	AT189638	KIT	1		WHOLEGOODS

BUCKET
(GENERAL PURPOSE)
(ALSO ORDER BUCKET TOOTH ASSEMBLIES)

TP70466 -UN-08SEP00



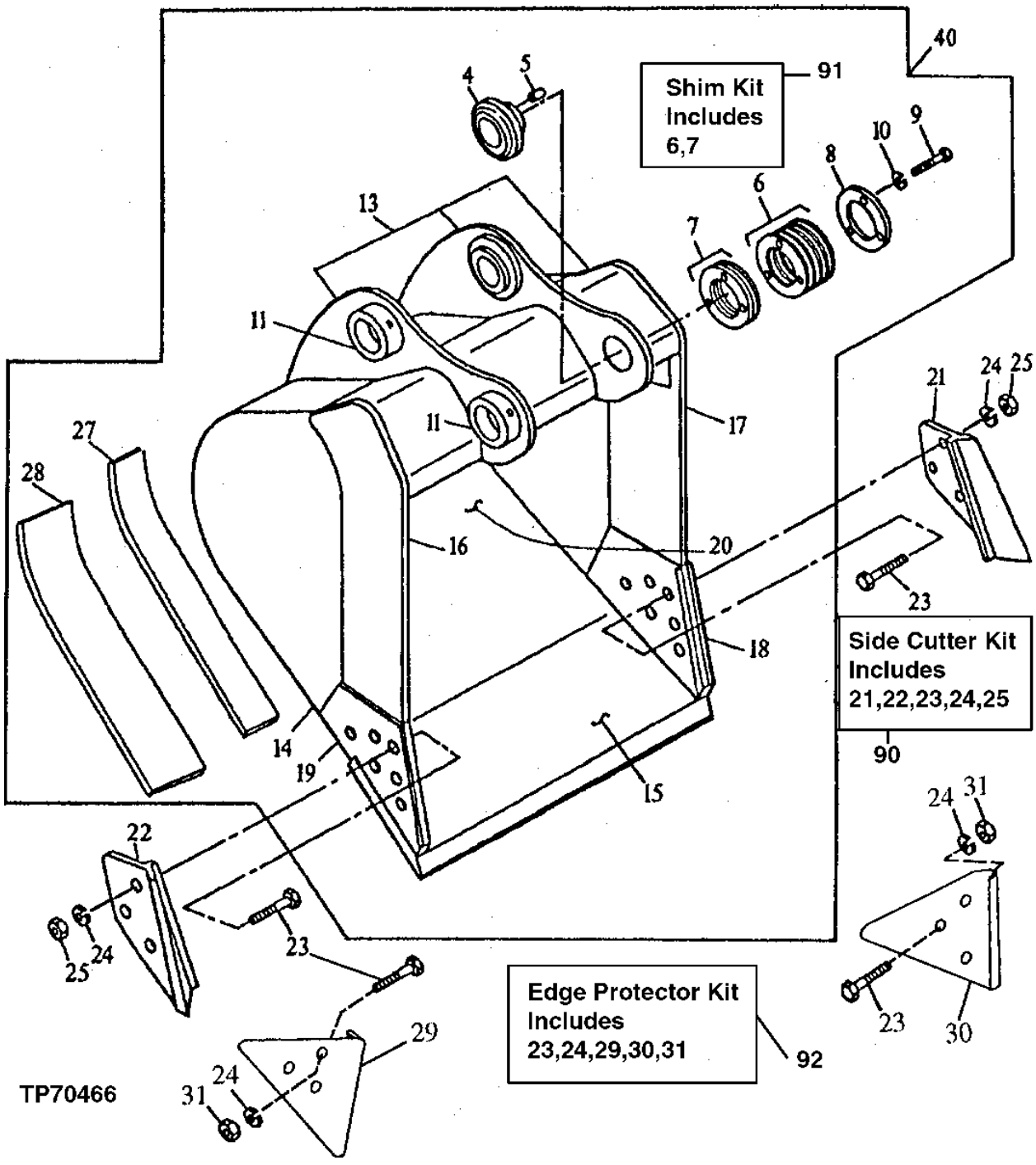
BUCKET
(GENERAL PURPOSE)
(ALSO ORDER BUCKET TOOTH ASSEMBLIES)

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
4	3028363	BUSHING	1		(SUB FOR TH100346)
5	4179109	PIN	1		(SUB FOR TH103619)
6	.....	WASHER	7		(SUB AT146242) (K2) (TH100348 NO LONGER AVAILABLE)
7	.....	SHIM	3		(SUB AT146242) (K2) (TH100349 NO LONGER AVAILABLE)
8	TH100347	WASHER	1		
9	19M7404	CAP SCREW	3		M14 X 40
10	12H317	LOCK WASHER	3		9/16"
11	TH108649	BUSHING	2		
13	C610778	PIVOT	1		(F) (BUCKET EAR BLANK ASSEMBLY)
14	607048	PLATE	2		(F) (RIGHT AND LEFT SIDE)
	304403	PLATE	2		(F) (RIGHT AND LEFT SIDE) (FOR USE WITH AT163573 42 INCH - .79 CUBIC YARD BUCKET ONLY)
15	AT131081	CUTTING EDGE	1		(CUT TO LENGTH) (72 INCH LENGTH)
16	304954	VERTICAL CUTTER	1		(F) (UPPER RIGHT SIDE CUTTER)
	305331	VERTICAL CUTTER	1		(F) (UPPER RIGHT SIDE CUTTER) (FOR USE WITH AT163573 42 INCH - .79 CUBIC YARD BUCKET ONLY)
17	304955	VERTICAL CUTTER	1		(F) (UPPER LEFT SIDE CUTTER)
	307186	VERTICAL CUTTER	1		(F) (UPPER LEFT SIDE CUTTER) (FOR USE WITH AT163573 42 INCH - .79 CUBIC YARD BUCKET ONLY)
18	304953	VERTICAL CUTTER	1		(F) (LEFT SIDE CUTTER INSERT)
19	304952	VERTICAL CUTTER	1		(F) (RIGHT SIDE CUTTER INSERT)
20	604664	MOLDBOARD	1		(F) (18 INCH BUCKET)
	604667	MOLDBOARD	1		(F) (24 INCH BUCKET)
	604669	MOLDBOARD	1		(F) (30 INCH BUCKET)
	604670	MOLDBOARD	1		(F) (36 INCH BUCKET)
	604671	MOLDBOARD	1		(F) (42 INCH - .79 CUBIC YARD BUCKET)
	604671	MOLDBOARD	1		(F) (42 INCH - .92 CUBIC YARD BUCKET)
	604672	MOLDBOARD	1		(F) (48 INCH BUCKET)
90	AT131080	END BIT	1		INCLUDES ALL (K) PARTS
91	AT146242	SHIM	1		INCLUDES ALL (K2) PARTS
92	AT167874	KIT	1		INCLUDES ALL (K3) PARTS, WHOLEGOODS

(F) CENTRAL FABRICATORS' PARTS. JOHN DEERE DEALER ORDER DIRECTLY FROM CENTRAL FABRICATORS.

BUCKET
(GENERAL PURPOSE)
(ALSO ORDER BUCKET TOOTH ASSEMBLIES)

TP70466 -UN-08SEP00



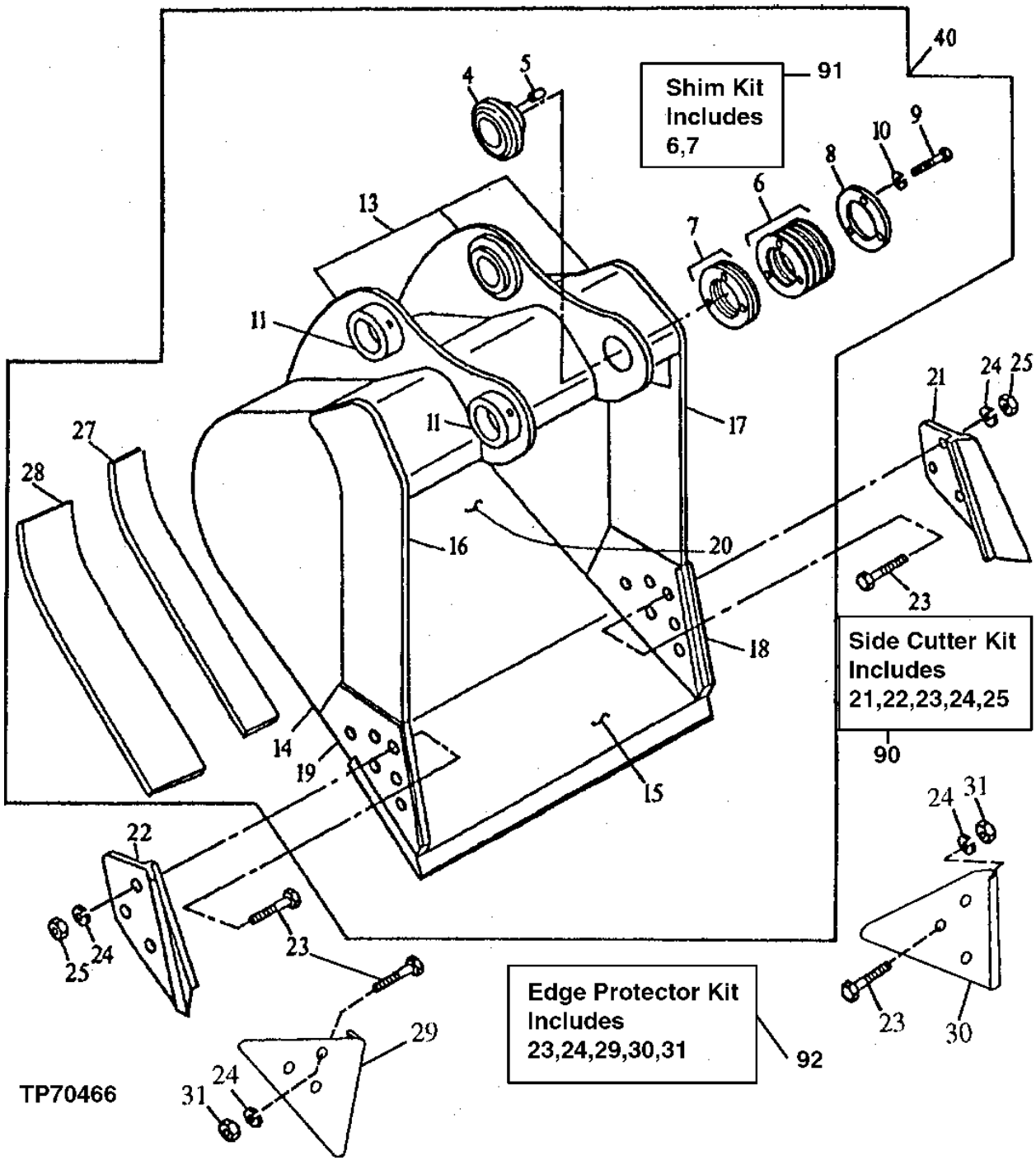
BUCKET
(GENERAL PURPOSE)
(ALSO ORDER BUCKET TOOTH ASSEMBLIES)

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
21	.....	CUTTING EDGE	1		(K) (SUB AT131080)
22	.....	CUTTING EDGE	1		(K) (SUB AT131080)
23	09H1770	BOLT	6		(K) 7/8" X 2-1/2", (K3)
24	12H245	LOCK WASHER	6		(K) 7/8", (K3)
25	14H1077	NUT	6		(K) 7/8"
27	304966	BAR	1		(F) (INNER WEAR)
28	306618	BAR	2		(F) (OUTER WEAR)
29	.....	SHROUD	1		(SUB AT167874) (K3) (WEAR SHROUD)
30	.....	SHROUD	1		(SUB AT167874) (K3) (WEAR SHROUD)
31	14H1044	NUT	6		22.225 MM (7/8") (K3)
40	AT163568	EXCAVATOR BUCKET	1		WHOLEGOODS (18 INCH - .34 CUBIC YARD) (AVAILABLE TOOTH ASSEMBLIES ON SEPARATE PAGE)
	AT163569	EXCAVATOR BUCKET	1		WHOLEGOODS (24 INCH - .50 CUBIC YARD) (AVAILABLE TOOTH ASSEMBLIES ON SEPARATE PAGE)
	AT163570	EXCAVATOR BUCKET	1		WHOLEGOODS (30 INCH - .64 CUBIC YARD) (AVAILABLE TOOTH ASSEMBLIES ON SEPARATE PAGE)
	AT163571	EXCAVATOR BUCKET	1		WHOLEGOODS (36 INCH - .78 CUBIC YARD) (AVAILABLE TOOTH ASSEMBLIES ON SEPARATE PAGE)
	AT163573	EXCAVATOR BUCKET	1		WHOLEGOODS (42 INCH - .79 CUBIC YARD) (AVAILABLE TOOTH ASSEMBLIES ON SEPARATE PAGE)
	AT163574	EXCAVATOR BUCKET	1		WHOLEGOODS (42 INCH - .92 CUBIC YARD) (AVAILABLE TOOTH ASSEMBLIES ON SEPARATE PAGE)
	AT163575	EXCAVATOR BUCKET	1		WHOLEGOODS (48 INCH - 1.06 CUBIC YARD) (AVAILABLE TOOTH ASSEMBLIES ON SEPARATE PAGE)
90	AT131080	END BIT	1		INCLUDES ALL (K) PARTS
91	AT146242	SHIM	1		INCLUDES ALL (K2) PARTS
92	AT167874	KIT	1		INCLUDES ALL (K3) PARTS, WHOLEGOODS

(F) CENTRAL FABRICATORS' PARTS. JOHN DEERE DEALER ORDER DIRECTLY FROM CENTRAL FABRICATORS.

BUCKET
(HEAVY DUTY)
(ALSO ORDER BUCKET TOOTH ASSEMBLIES)

TP70466 -UN-08SEP00



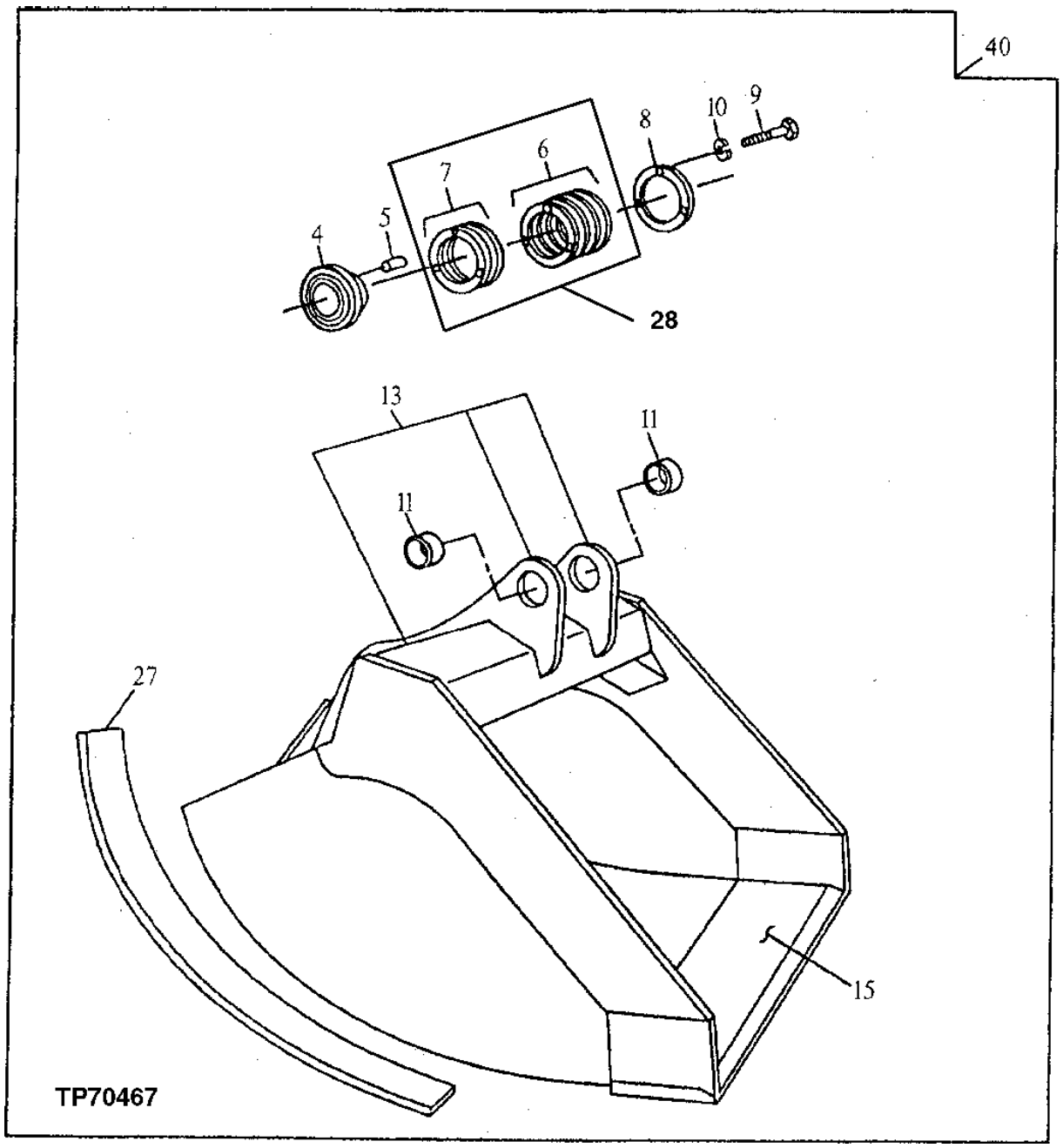
BUCKET
(HEAVY DUTY)
(ALSO ORDER BUCKET TOOTH ASSEMBLIES)

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
4	3028363	BUSHING	1		(SUB FOR TH100346)
5	4179109	PIN	1		(SUB FOR TH103619)
6	.....	WASHER	7		(SUB AT146242) (K2) (TH100348 NO LONGER AVAILABLE)
7	.....	SHIM	3		(SUB AT146242) (K2) (TH100349 NO LONGER AVAILABLE)
8	TH100347	WASHER	1		
9	19M7404	CAP SCREW	3		
10	12H317	LOCK WASHER	3		9/16"
11	TH108649	BUSHING	2		
13	C610778	PIVOT	1		(F) (BUCKET EAR BLANK ASSEMBLY)
14	607048	PLATE	2		(F) (RIGHT AND LEFT SIDE)
15	AT131081	CUTTING EDGE	1		(CUT TO LENGTH)
16	304960	VERTICAL CUTTER	1		(F) (UPPER RIGHT SIDE CUTTER)
17	304961	VERTICAL CUTTER	1		(F) (UPPER LEFT SIDE CUTTER)
18	304968	VERTICAL CUTTER	1		(F) (LEFT SIDE CUTTER INSERT)
19	304967	VERTICAL CUTTER	1		(F) (RIGHT SIDE CUTTER INSERT)
20	604647	MOLDBOARD	1		(F) (18 INCH BUCKET)
	604650	MOLDBOARD	1		(F) (24 INCH BUCKET)
	604652	MOLDBOARD	1		(F) (30 INCH BUCKET)
	604653	MOLDBOARD	1		(F) (36 INCH BUCKET)
21	.....	CUTTING EDGE	1		(K) (SUB AT131080)
22	.....	CUTTING EDGE	1		(K) (SUB AT131080)
23	09H1770	BOLT	6		(K) 7/8" X 2-1/2", (K3)
24	12H245	LOCK WASHER	6		(K) 7/8", (K3)
25	14H1077	NUT	6		(K) 7/8"
27	304966	BAR	1		(F) (INNER WEAR)
28	306618	BAR	2		(F) (OUTER WEAR)
29	.....	SHROUD	1		(SUB AT167874) (K3) (WEAR SHROUD)
30	.....	SHROUD	1		(SUB AT167874) (K3) (WEAR SHROUD)
31	14H1044	NUT	6		22.225 MM (7/8") (K3)
40	AT163576	EXCAVATOR BUCKET	1		WHOLEGOODS (18 INCH - .34 CUBIC YARD) (AVAILABLE TOOTH ASSEMBLIES ON SEPARATE PAGE)
	AT163577	EXCAVATOR BUCKET	1		WHOLEGOODS (24 INCH - .50 CUBIC YARD) (AVAILABLE TOOTH ASSEMBLIES ON SEPARATE PAGE)
	AT163578	EXCAVATOR BUCKET	1		WHOLEGOODS (30 INCH - .64 CUBIC YARD) (AVAILABLE TOOTH ASSEMBLIES ON SEPARATE PAGE)
	AT163579	EXCAVATOR BUCKET	1		WHOLEGOODS (36 INCH - .78 CUBIC YARD) (AVAILABLE TOOTH ASSEMBLIES ON SEPARATE PAGE)
90	AT131080	END BIT	1		INCLUDES ALL (K) PARTS
91	AT146242	SHIM	1		INCLUDES ALL (K2) PARTS
92	AT167874	KIT	1		INCLUDES ALL (K3) PARTS, WHOLEGOODS

(F) CENTRAL FABRICATORS' PARTS. JOHN DEERE DEALER ORDER DIRECTLY FROM CENTRAL FABRICATORS.

BUCKET
(DITCH CLEANING)

TP70467 -UN-29SEP00

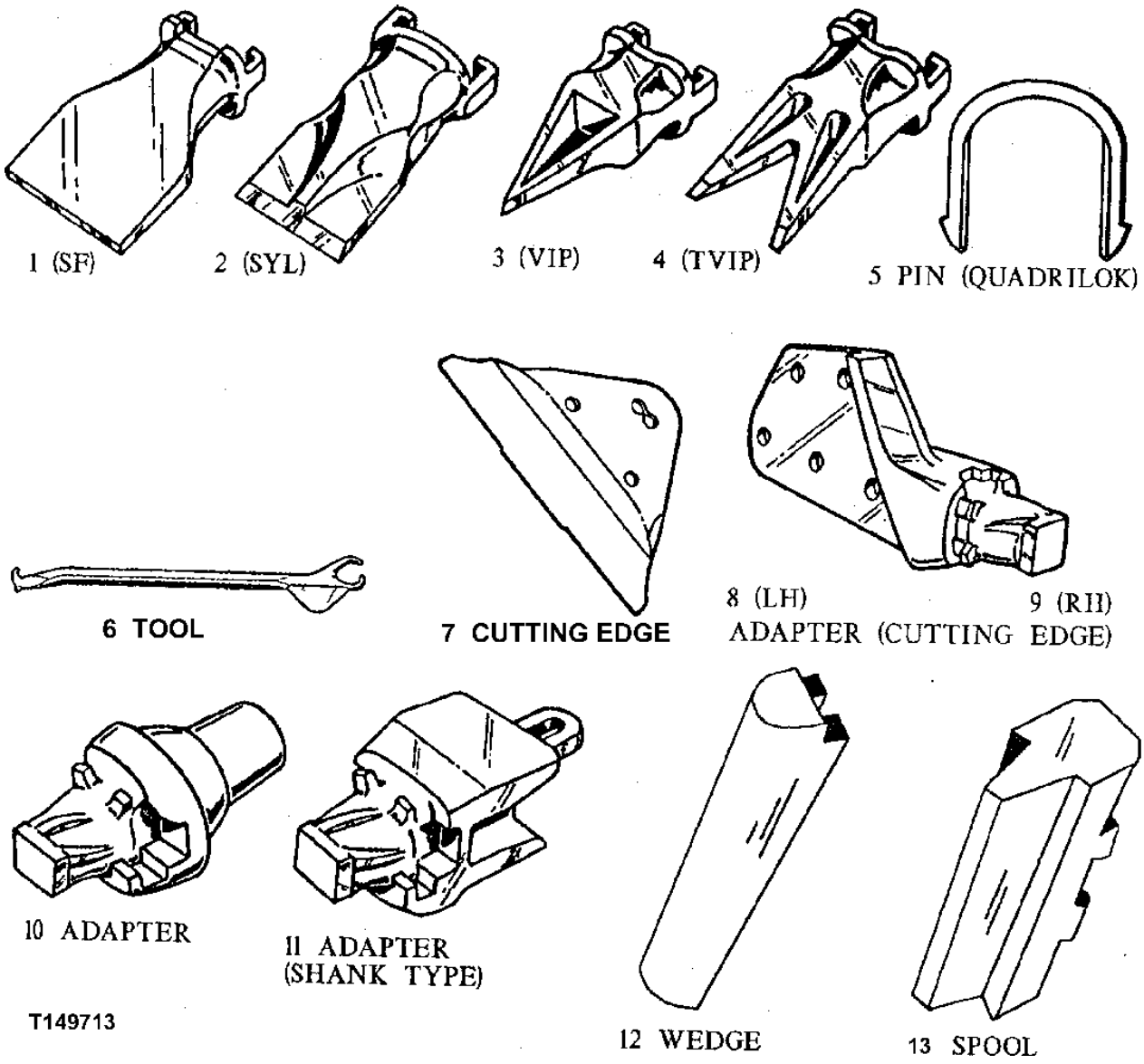


BUCKET
(DITCH CLEANING)

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
4	3028363	BUSHING	1		(SUB FOR TH100346)
5	4179109	PIN	1		(SUB FOR TH103619)
6	.....	WASHER	7		(SUB AT146242) (K2) (TH100348 NO LONGER AVAILABLE)
7	.....	SHIM	3		(SUB AT146242) (K2) (TH100349 NO LONGER AVAILABLE)
8	TH100347	WASHER	1		
9	19M7404	CAP SCREW	3		M14 X 40
10	12H317	LOCK WASHER	3		9/16"
11	TH108649	BUSHING	2		
13	C610778	PIVOT	1		(F) (BUCKET EAR BLANK ASSEMBLY)
15	.....	CUTTING EDGE	1		(CUT TO LENGTH FROM AT131089 BULK MATERIAL)
27	300292	BAR	4		(F) (WEAR STRIP)
28	AT146242	SHIM	1		INCLUDES ALL (K2) PARTS
40	AT131360	EXCAVATOR BUCKET	1		(F) WHOLEGOODS (48 INCH - .67 CUBIC YARD)
	AT131361	EXCAVATOR BUCKET	1		(F) WHOLEGOODS (60 INCH - .90 CUBIC YARD)

ESCO BUCKET CUTTING EDGES, TEETH AND ADAPTERS

T149713 -UN-04JAN02

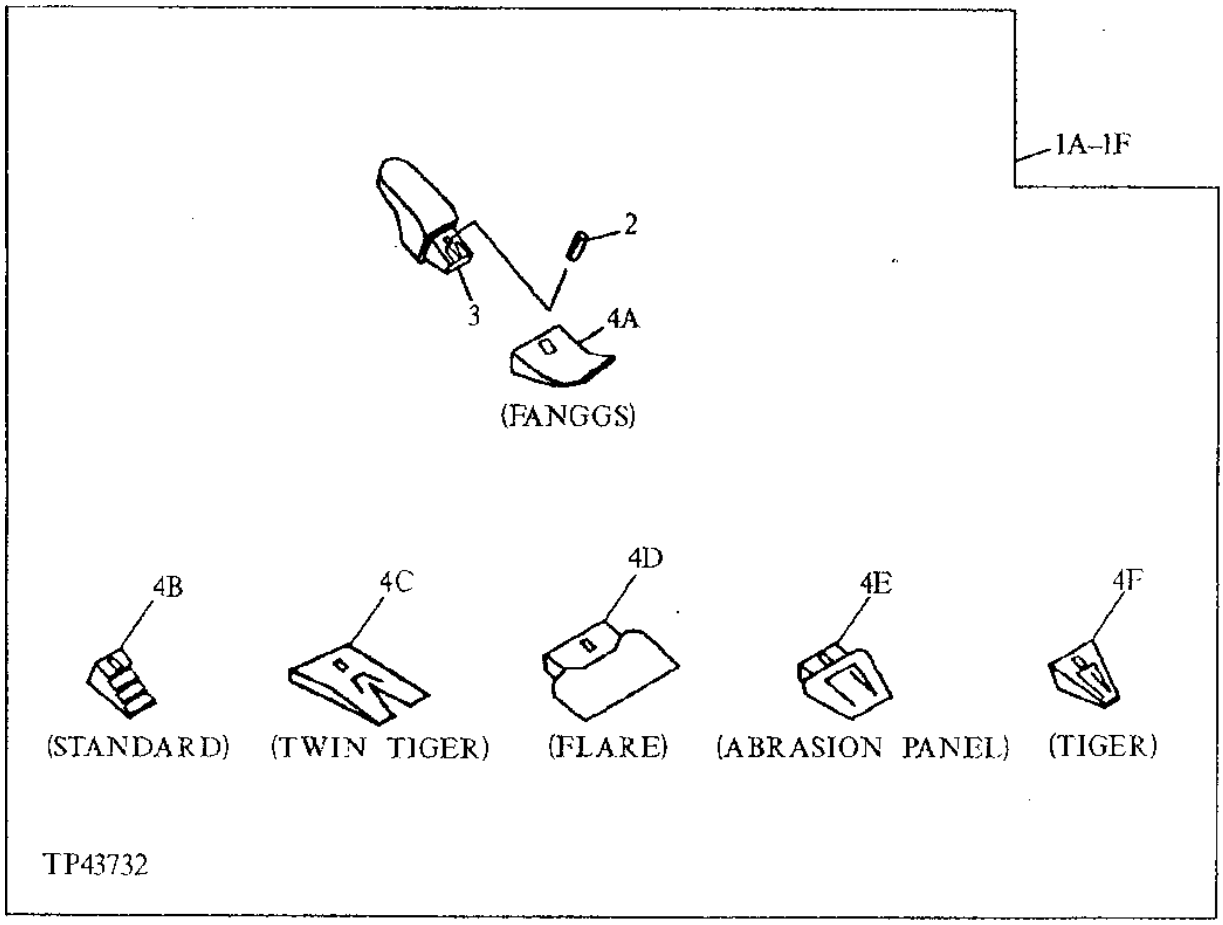


ESCO BUCKET CUTTING EDGES, TEETH AND ADAPTERS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	EX21S5F	TOOTH	AR		
2	EX21SYL	TOOTH	AR		
	EX47SYL	TOOTH	AR		
	EX27SYL	TOOTH	AR		
	EX37SYL	TOOTH	AR		
3	EX21VIP	TOOTH	AR		
4	EX21TVIP	TOOTH	AR		
5	EX21LKS	TOOTH RETAINER	AR		(SUB FOR EX21LK)
	EX47LK	PIN	AR		
	EX27LK	PIN	AR		
	EX37LKS	TOOTH RETAINER	AR		(SUB FOR EX37LK)
	EX27VPN	PIN	AR		
6	EX21-27QRT	TOOL	AR		
7	TPDE31329	SHROUD	AR		(SUB FOR EX31329-X)
8	.....	BUCKET TOOTH ADAPTER	AR		(EX1550-21 NLA)
9	.....	BUCKET TOOTH ADAPTER	AR		(EX1551-21 NLA)
10	EX360-21	BUCKET TOOTH ADAPTER	AR		
11	EX119-21	BUCKET TOOTH ADAPTER	AR		
	EX129A-37	BUCKET TOOTH ADAPTER	AR		
	EX5824-37	BUCKET TOOTH ADAPTER	AR		
	EX1829A-47	BUCKET TOOTH ADAPTER	AR		
	EX5849-21	BUCKET TOOTH ADAPTER	AR		(SUB FOR EX4894-21)
	EX5850-27V	BUCKET TOOTH ADAPTER	AR		(SUB FOR EX5827-27, ALONG WITH EX27VPN AND EX27VPL)
	EX5854-21	BUCKET TOOTH ADAPTER	AR		
	EX119-27	BUCKET TOOTH ADAPTER	AR		
12	EX29W1	WEDGE	AR		
	EX20W1	WEDGE	AR		
13	EX20SP	SPOOL	AR		
	EX29SP	SPOOL	AR		
14	EX27VPL	PLUG	AR		(NOT ILLUSTRATED)

BUCKET TOOTH ASSEMBLY
(GENERAL PURPOSE OR HEAVY DUTY)
(18, 24, 30, 36, 42 OR 48 INCH BUCKET)

TP43732 -UN-01JAN94



ORDER 3 SETS WITH 18 INCH BUCKET
ORDER 4 SETS WITH 24 INCH BUCKET
ORDER 4 SETS WITH 30 INCH BUCKET
ORDER 5 SETS WITH 36 INCH BUCKET
ORDER 6 SETS WITH 42 INCH BUCKET
ORDER 7 SETS WITH 48 INCH BUCKET

THIS PARTS LISTING IS CONTINUED

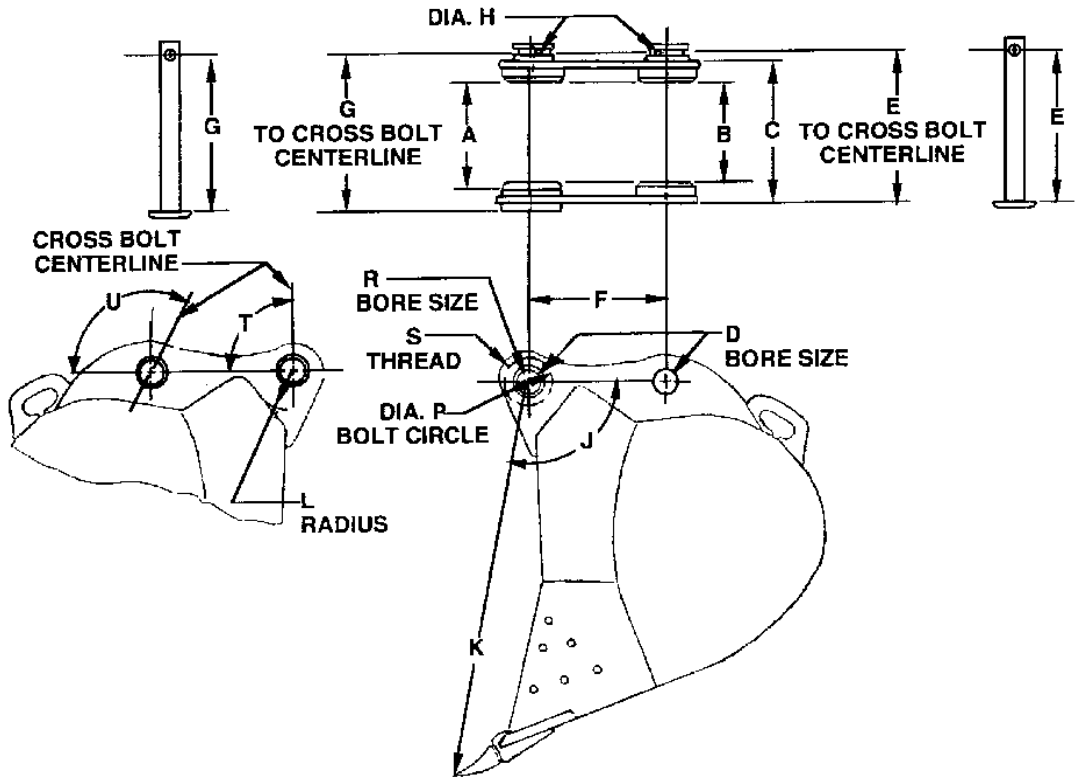
BUCKET TOOTH ASSEMBLY
(GENERAL PURPOSE OR HEAVY DUTY)
(18, 24, 30, 36, 42 OR 48 INCH BUCKET)

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1A	AT163528	TOOTH	1		WHOLEGOODS (FANGGS 220 TOOTH ASSEMBLY)
	AT178738	TOOTH	1		WHOLEGOODS (FANGGS 290 TOOTH ASSEMBLY)
1B	AT163532	TOOTH	1		WHOLEGOODS (STANDARD 220 TOOTH ASSEMBLY)
	AT178739	TOOTH	1		WHOLEGOODS (STANDARD 290 TOOTH ASSEMBLY)
1C	AT163536	TOOTH	1		WHOLEGOODS (TWIN TIGER 220 TOOTH ASSEMBLY)
	AT178741	TOOTH	1		WHOLEGOODS (TWIN TIGER 290 TOOTH ASSEMBLY)
1D	AT163535	TOOTH	1		WHOLEGOODS (FLARE)
1E	AT163534	TOOTH	1		WHOLEGOODS (ABRASION PANEL)
1F	AT163533	TOOTH	1		WHOLEGOODS (TIGER 220 TOOTH ASSEMBLY)
	AT178740	TOOTH	1		WHOLEGOODS (TIGER 290 TOOTH ASSEMBLY)
1G	AT167184	TOOTH	1		WHOLEGOODS (ESCO STANDARD TOOTH ASSEMBLY) (NOT ILLUSTRATED)
1H	AT167186	TOOTH	1		WHOLEGOODS (ESCO TWIN TIGER TOOTH ASSEMBLY) (NOT ILLUSTRATED)
1I	AT167187	TOOTH	1		WHOLEGOODS (ESCO FLARE TOOTH ASSEMBLY) (NOT ILLUSTRATED)
1J	AT167185	TOOTH	1		WHOLEGOODS (ESCO TIGER TOOTH ASSEMBLY) (NOT ILLUSTRATED)
1K	AT167188	TOOTH	1		WHOLEGOODS (CATERPILLAR REPLACEMENT FANGGS TOOTH ASSEMBLY) (NOT ILLUSTRATED)
1L	AT167189	TOOTH	1		WHOLEGOODS (CATERPILLAR REPLACEMENT STANDARD TOOTH ASSEMBLY) (NOT ILLUSTRATED)
1M	AT167191	TOOTH	1		WHOLEGOODS (CATERPILLAR REPLACEMENT TWIN TIGER TOOTH ASSEMBLY) (NOT ILLUSTRATED)
1N	AT167190	TOOTH	1		WHOLEGOODS (CATERPILLAR REPLACEMENT TIGER TOOTH ASSEMBLY) (NOT ILLUSTRATED)
2	TP160L	SPRING PIN	1		(SUB FOR TP160, THIS APPLICATION) (USE WITH 220 TOOTH ASSEMBLIES)
	TK290	PIN	1		(USE WITH 290 TOOTH ASSEMBLIES)
	EX21LKS	TOOTH RETAINER	1		(SUB FOR EX21LK) (ESCO) (NOT ILLUSTRATED ON THIS PAGE - SEE ESCO TOOTH PAGE)
	T9J2308	PIN FASTENER	1		(CATERPILLAR) (NOT ILLUSTRATED)
3	T109X220	BUCKET TOOTH ADAPTER	1		(USE WITH 220 TOOTH ASSEMBLIES)
	T127X290	BUCKET TOOTH ADAPTER	1		(USE WITH 290 TOOTH ASSEMBLIES)
	EX5849-21	BUCKET TOOTH ADAPTER	1		(ESCO) (NOT ILLUSTRATED ON THIS PAGE - SEE ESCO TOOTH PAGE)
	T3G6304	BUCKET TOOTH ADAPTER	1		(CATERPILLAR) (NOT ILLUSTRATED)
4A	TF220	TOOTH	1		(ALSO ORDER TP160L) (FANGGS 220)
	TF290	TOOTH	1		(FANGGS 290)
4B	TX220	TOOTH	1		(ALSO ORDER TP160L) (STANDARD 220)
	TX290	TOOTH	1		(STANDARD 290)
4C	TX220WT	TOOTH	1		(ALSO ORDER TP160L) (TWIN TIGER 220)
	TX290WT	TOOTH	1		(TWIN TIGER 290)
4D	TX220F	TOOTH	1		(ALSO ORDER TP160L)
4E	TX220AP	TOOTH	1		(ALSO ORDER TP160L)
4F	TT220	TOOTH	1		(ALSO ORDER TP160L) (TIGER 220)
	TT290	TOOTH	1		(TIGER 290)
4G	EX21SYL	TOOTH	1		(ESCO STANDARD) (NOT ILLUSTRATED ON THIS PAGE - SEE ESCO TOOTH PAGE)
4H	EX21TVIP	TOOTH	1		(ESCO TWIN TIGER) (NOT ILLUSTRATED ON THIS PAGE - SEE ESCO TOOTH PAGE)
4I	EX21S5F	TOOTH	1		(ESCO FLARE) (NOT ILLUSTRATED ON THIS PAGE - SEE ESCO TOOTH PAGE)
4J	EX21VIP	TOOTH	1		(ESCO TIGER) (NOT ILLUSTRATED ON THIS PAGE - SEE ESCO TOOTH PAGE)
4K	TF1U3302D	TOOTH	1		(CATERPILLAR REPLACEMENT FANGGS) (NOT ILLUSTRATED)
4L	T1U3302	TOOTH	1		(CATERPILLAR REPLACEMENT STANDARD) (NOT ILLUSTRATED)
4M	TX1U3302WT	TOOTH	1		(CATERPILLAR REPLACEMENT TWIN TIGER) (NOT ILLUSTRATED)
4N	TT1U3302	TOOTH	1		(CATERPILLAR REPLACEMENT TIGER) (NOT ILLUSTRATED)
5	T3G9609	WASHER	1		(CATERPILLAR REPLACEMENT) (NOT ILLUSTRATED)

BUCKET PIN-UP DATA
(GENERAL PURPOSE OR HEAVY DUTY)
(18, 24, 30, 36, 42 OR 48 INCH BUCKET)

TP58997 -UN-16FEB98

EXCAVATOR BUCKET PIN-UP DATA



MODEL	490	490D 495D	110 120 490E	MODEL	490	490D 495D	110 120 490E
A	[272] 10.71	[273] 10.75	[273] 10.75	J (ANGLE)	106°	109°	109°
B	[255] 10.04	[255] 10.04	[255] 10.04	K	[1230] 48.43	[1230] 48.43	[1230] 48.43
C	[357] 14.04	[357] 14.04	[357] 14.04	L	[101.6] 4.00	[90] 3.54	[90] 3.54
D	[65] 2.559	[65] 2.559	[65] 2.559	P	[125] 4.92	[125] 4.92	[125] 4.92
E	[377] 14.84	[386] 15.20	[386] 15.20	R	[100] 3.94	[100] 3.94	[100] 3.94
F	[410.5] 16.16	[420] 16.54	[362] 14.25	S (3 HOLES)	M14 X 2	M14 X 2	M14 X 2
G	------ ------	[400] 15.75	[400] 15.75	T (ANGLE)	165°	165°	165°
H	------	[17] 0.67	[17] 0.67	U (ANGLE)	75°	75°	75°

Company policy limits the use of the enclosed drawings and information to your company and any other usage is expressly prohibited without the written consent of Deere & Company. We regret we cannot keep you informed of subsequent changes in the specifications furnished. You are, therefore, responsible for the risks involved in their use.

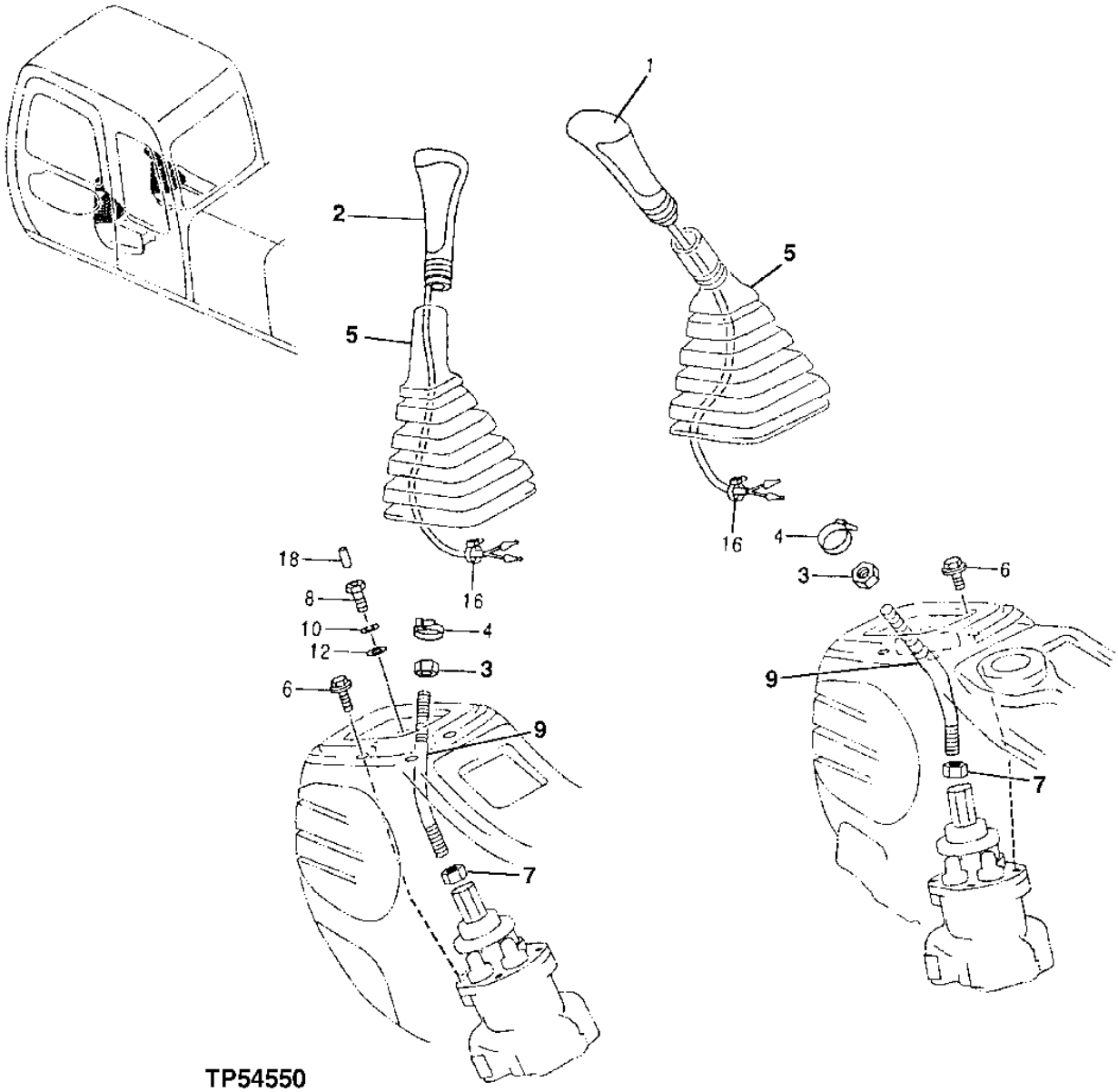
It is to be understood that furnishing you with the requested material does not automatically constitute a Deere & Company endorsement of your products on or with any John Deere product.

TP58997 (10FEB97)

MEMORANDA

CONTROL LEVER
(FRONT AND SWING)

TP54550 -UN-23JAN97

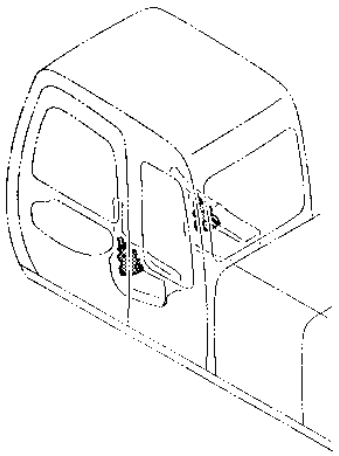


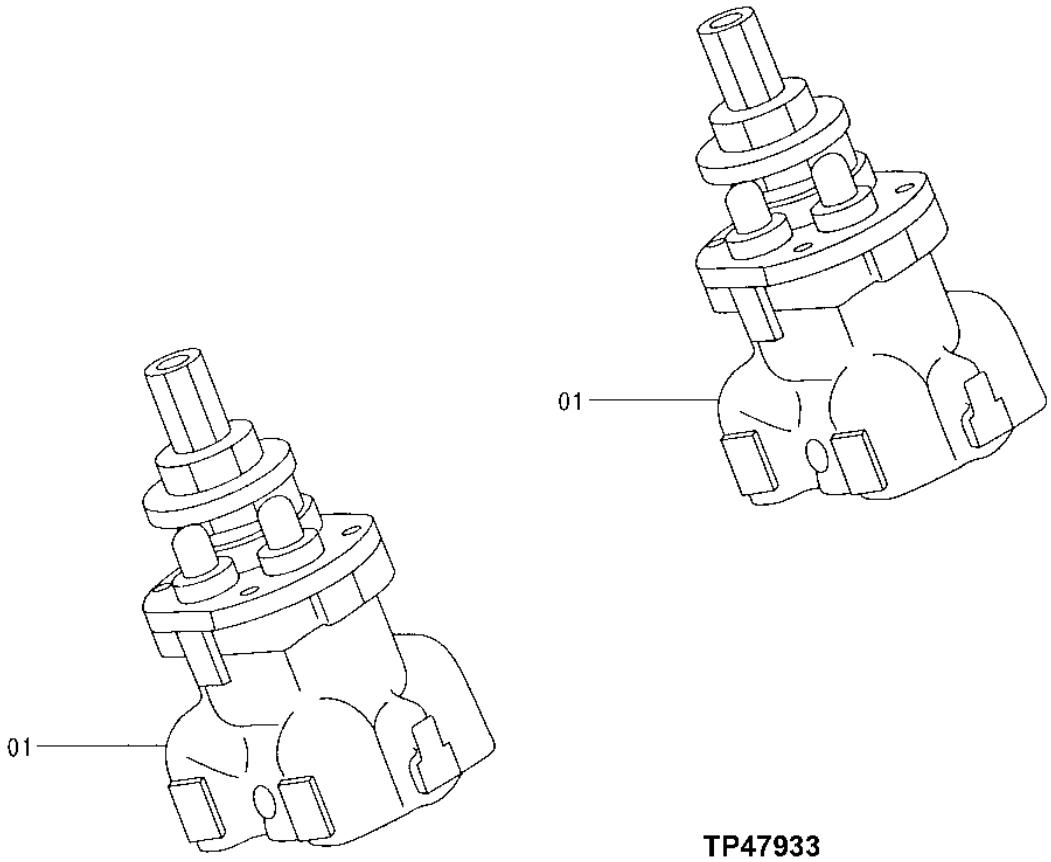
CONTROL LEVER
(FRONT AND SWING)

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	2038486	GRIP	1		(SUB FOR AT215853)
2	2038484	GRIP	1		(SUB FOR AT213743) (INCLUDES HORN BUTTON)
3	14M7357	NUT	2		M12
4	H77698	TIE BAND	2		
5	2038578	BOOT	2		(SUB FOR AT213745)
6	12M7056	LOCK WASHER	7		8 MM (0.315") (SUB FOR 12M7065)
	24M7055	WASHER	7		8.400 X 16 X 1.600 MM (0.331" X 0.630" X 0.063")
	19M7407	CAP SCREW	7		M8 X 25
7	14M7141	NUT	2		M14
8	4342802	SCREW	1		(SUB FOR AT177372)
9	4334707	LEVER	2		(SUB FOR AT177386)
10	12M7056	LOCK WASHER	1		8 MM (0.315") (SUB FOR 12M7065)
12	24M7055	WASHER	1		8.400 X 16 X 1.600 MM (0.331" X 0.630" X 0.063")
16	H77698	TIE BAND	2		
18	34M7086	SPRING PIN	1		3 X 32 MM (0.118" X 1.260")

**PILOT VALVE
(FRONT AND SWING)**

TP47933 -UN-29SEP99





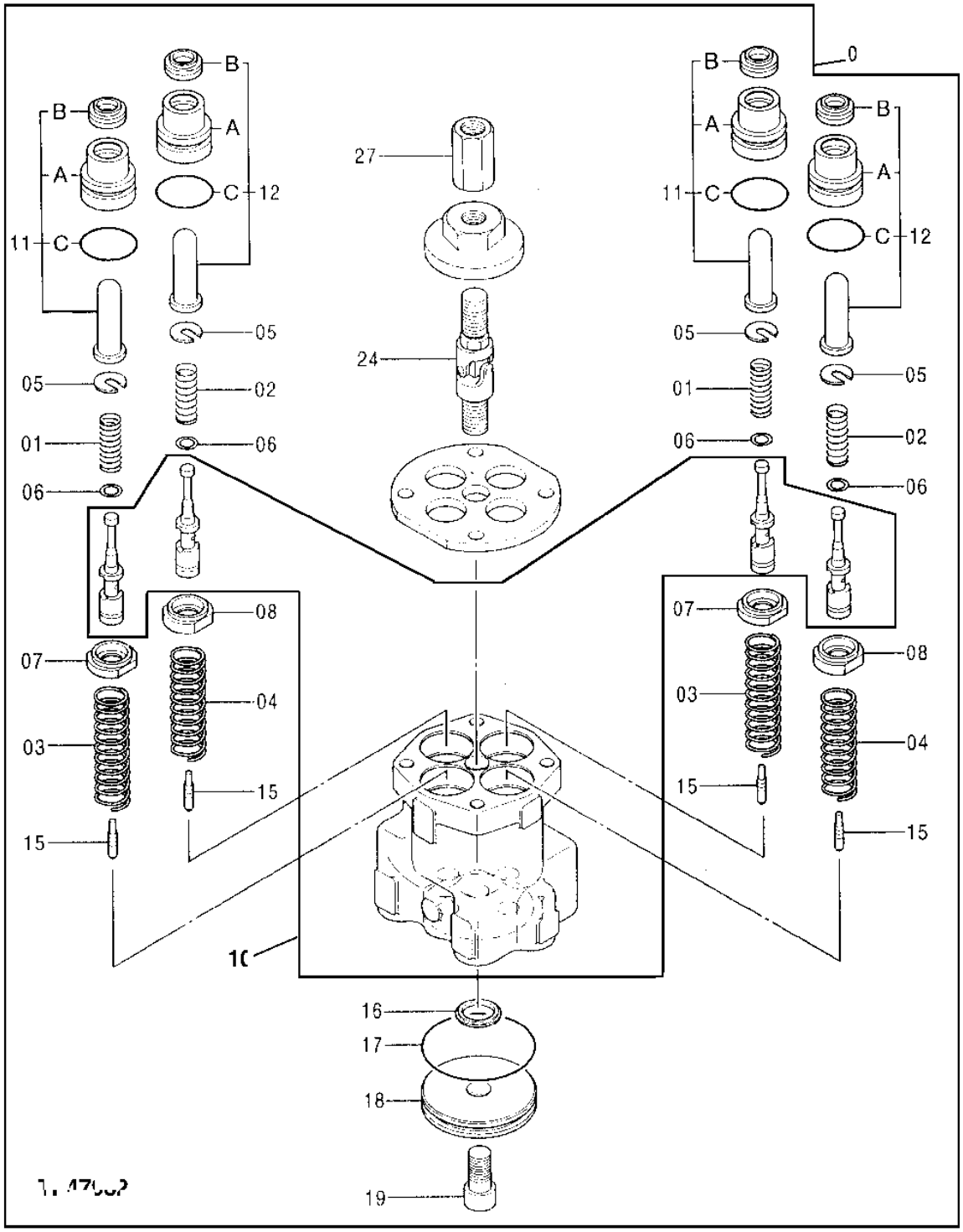
TP47933

PILOT VALVE
(FRONT AND SWING)

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	9156582EX	HYDR./PILOT CONTROL VALVE	2		(USE AT214396 IF AVAILABLE) (SUB FOR AT214396) (SUB FOR AT189844)

PILOT VALVE

TP47932 -UN-15MAY96

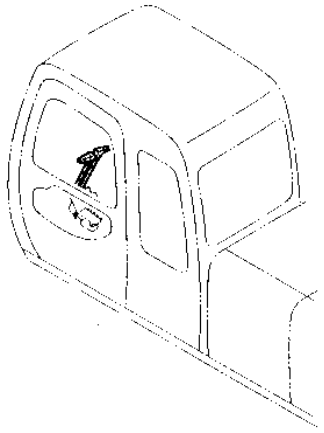


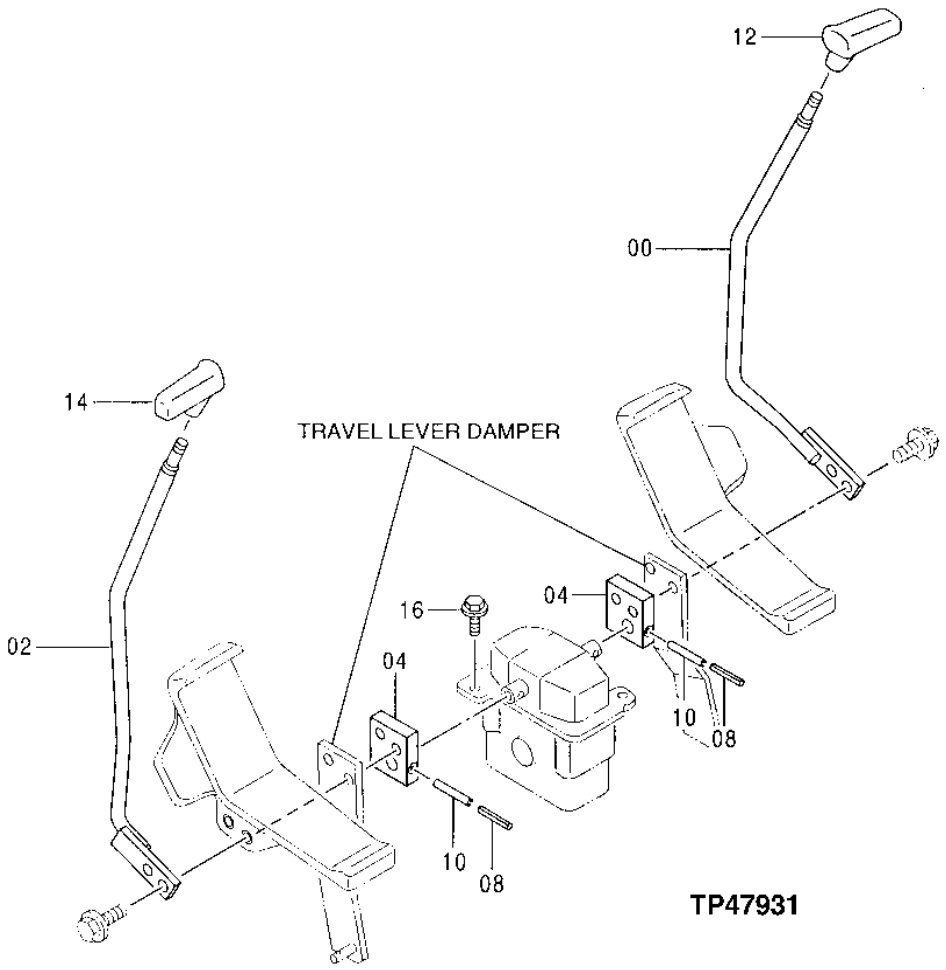
PILOT VALVE

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	9156582EX	HYDR./PILOT CONTROL VALVE	2		(USE AT214396 IF AVAILABLE) (FRONT AND SWING) (SUB FOR AT214396) (SUB FOR AT189844)
1	4201915	SPRING	2		(SUB FOR TH109212)
2	4166686	COMPRESSION SPRING	2		(SUB FOR TH109213)
3	4195421	COMPRESSION SPRING	2		(SUB FOR TH109214)
4	4379022	COMPRESSION SPRING	2		(SUB FOR AT215558)
5	4177777	SPACER	4		(SUB FOR AT154411) (SUB FOR TH109216)
6	4173208	SHIM	20		(SUB FOR TH109217)
7	4177896	GUIDE	2		(SUB FOR TH109218)
8	4179257	GUIDE	2		(SUB FOR AT154412) (SUB FOR TH109219)
10	7031409	HOUSING	1		(SUB FOR AT214342)
11	9101513	CAP	2		(SUB FOR AT154538)
11A	.....	BUSHING	1		(NOT AVAILABLE FOR SERVICE)
11B	4476342	SEAL	1		(SUB FOR AT131269, 4359926)
11C	U46166	O-RING	1		24.400 X 3.100 MM (0.961" X 0.122")
12	9108066	CAP	2		(SUB FOR AT154540)
12A	.....	BUSHING	1		(NOT AVAILABLE FOR SERVICE)
12B	4476342	SEAL	1		(SUB FOR AT131269, 4359926)
12C	U46166	O-RING	1		24.400 X 3.100 MM (0.961" X 0.122")
15	4184929	PISTON	4		(SUB FOR TH109228)
16	4286874	SEAL	1		(SUB FOR AT155701)
17	CH11571	PACKING	1		
18	4184954	PLATE	1		(SUB FOR TH109229)
19	19M8168	SCREW	1		M12 X 25
24	4285209	UNIVERSAL JOINT	1		(SUB FOR TH109230)
27	4182067	JOINTER	1		(SUB FOR TH109232)

PROPEL CONTROL LEVER (TRAVEL)

TP47931 -UN-14MAY96



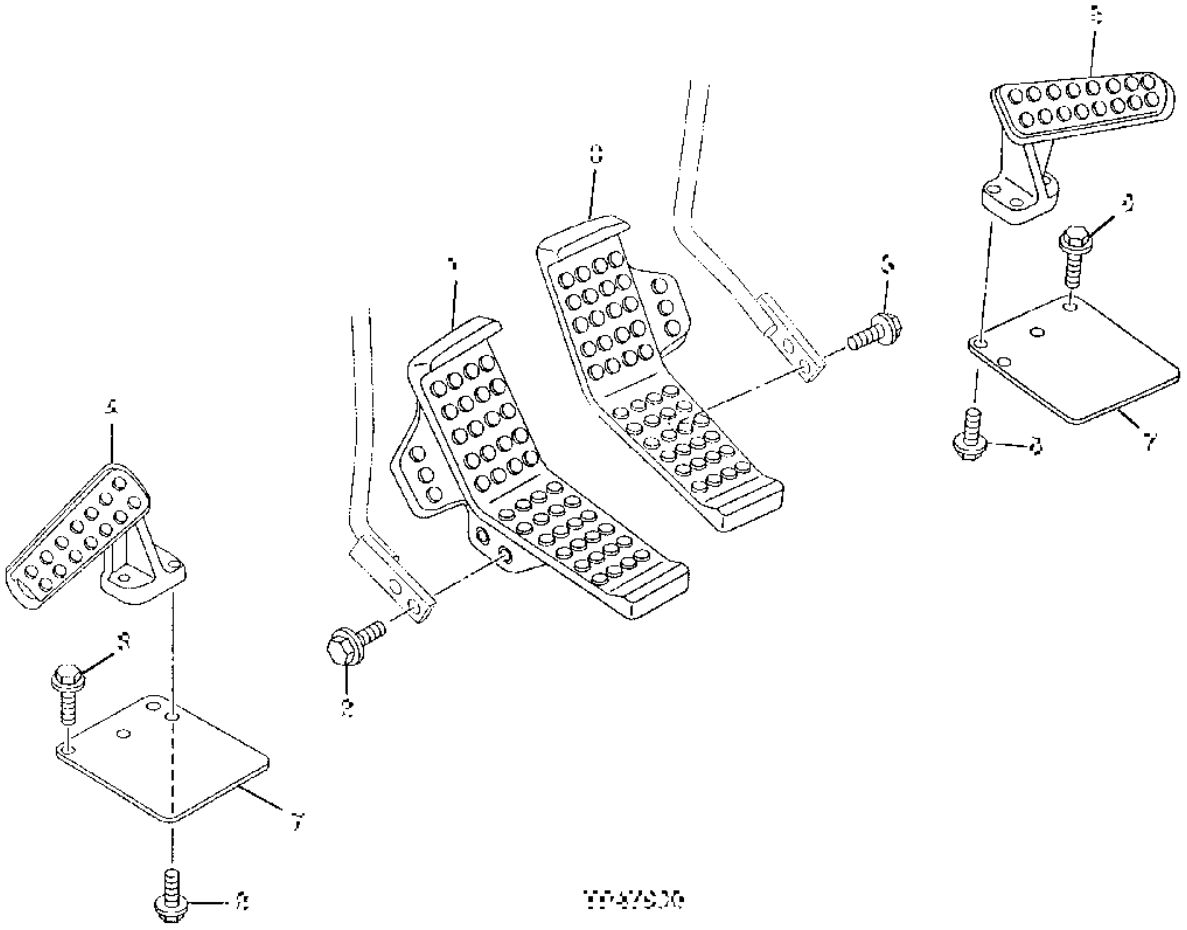


PROPEL CONTROL LEVER (TRAVEL)

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	8075450	LEVER	1		(SUB FOR AT174467, 8062667)
	2043585	GRIP	1		(NOT ILLUSTRATED)
	4424185	NUT	1		(NOT ILLUSTRATED)
2	8062623	LEVER	1		(SUB FOR AT174468)
4	T205603	BRACKET	2		(SUB FOR AT174469 OR 3072628)
8	34M7062	SPRING PIN	2		5 X 32 MM (0.197" X 1.260")
10	34M7124	SPRING PIN	2		8 X 30 MM (0.315" X 1.181")
12	2038735	GRIP	1		(SUB FOR AT213747)
14	2038734	GRIP	1		(SUB FOR AT213746)
16	12M7066	LOCK WASHER	2		10 MM (0.394")
	19M7358	CAP SCREW	2		M10 X 40

PROPEL PEDALS

TP47930 -UN-15MAY96

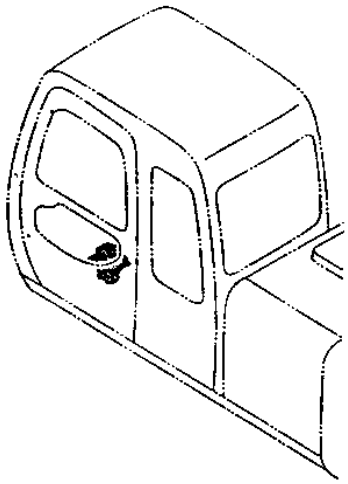


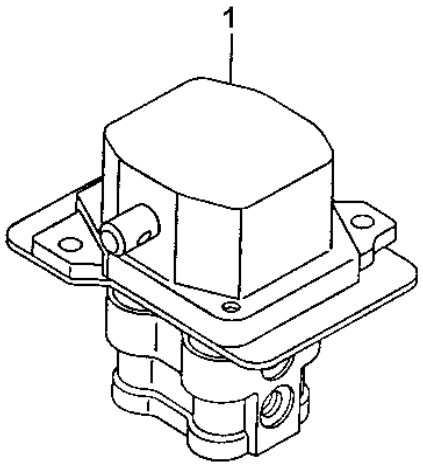
PROPEL PEDALS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	1024384	PEDAL	1		(SUB FOR AT202292)
1	1024224	PEDAL	1		(SUB FOR AT202291)
3	19M7935	CAP SCREW	4		M10 X 55
4	1015477	FOOTREST	1		(SUB FOR AT154055)
5	1015478	FOOTREST	1		(SUB FOR AT154056)
7	3052543	COVER	2		(SUB FOR AT154127)
8	12M7066	LOCK WASHER	8		10 MM (0.394")
	19M7550	CAP SCREW	8		M10 X 35

PROPEL PILOT VALVE

TP58861 -UN-08DEC97





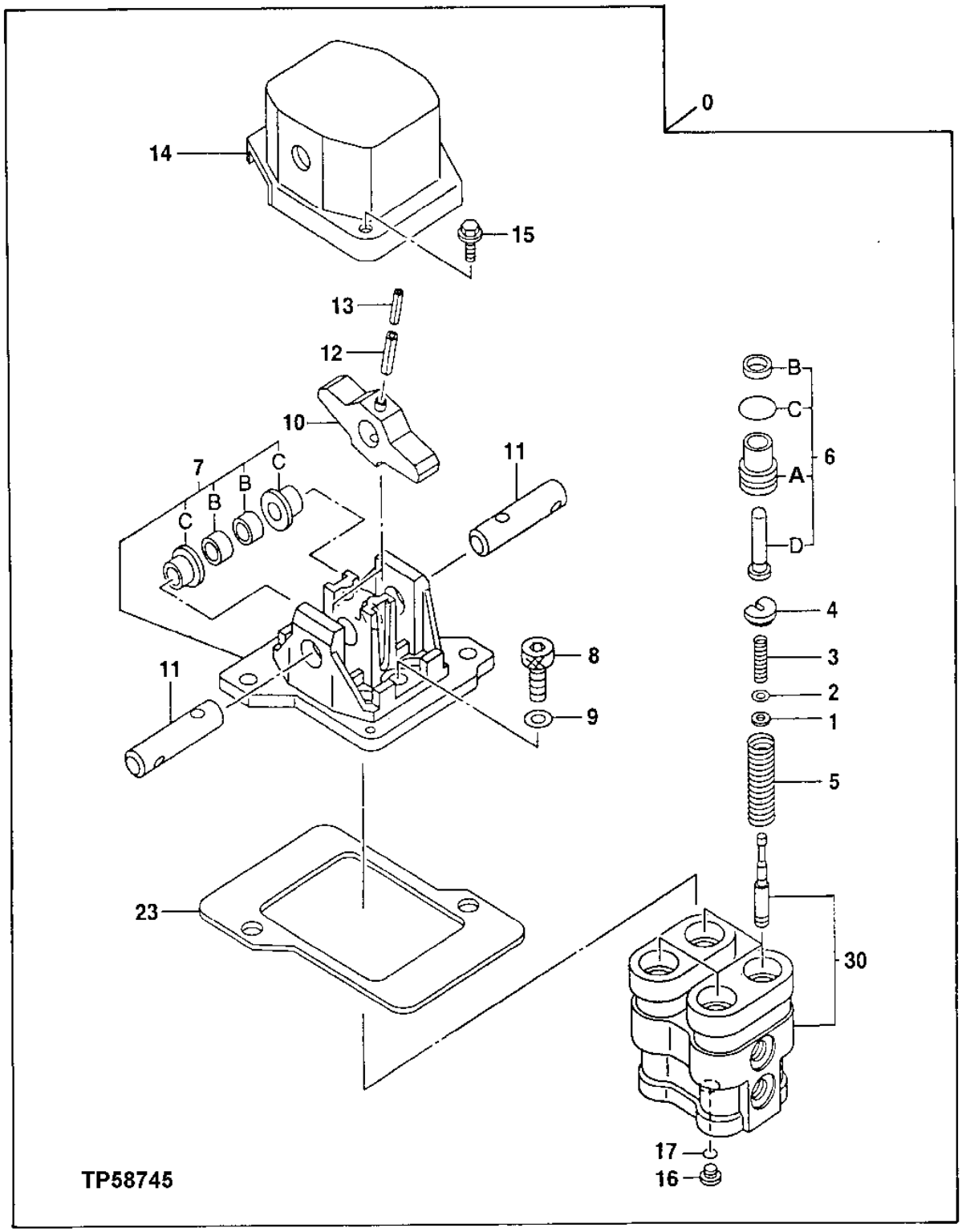
TP58861

PROPEL PILOT VALVE

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	9151782	FLOW CONTROL HYD. VALVE	1		(SUB FOR AT216017)

PROPEL PILOT VALVE

TP58745 -UN-11AUG97

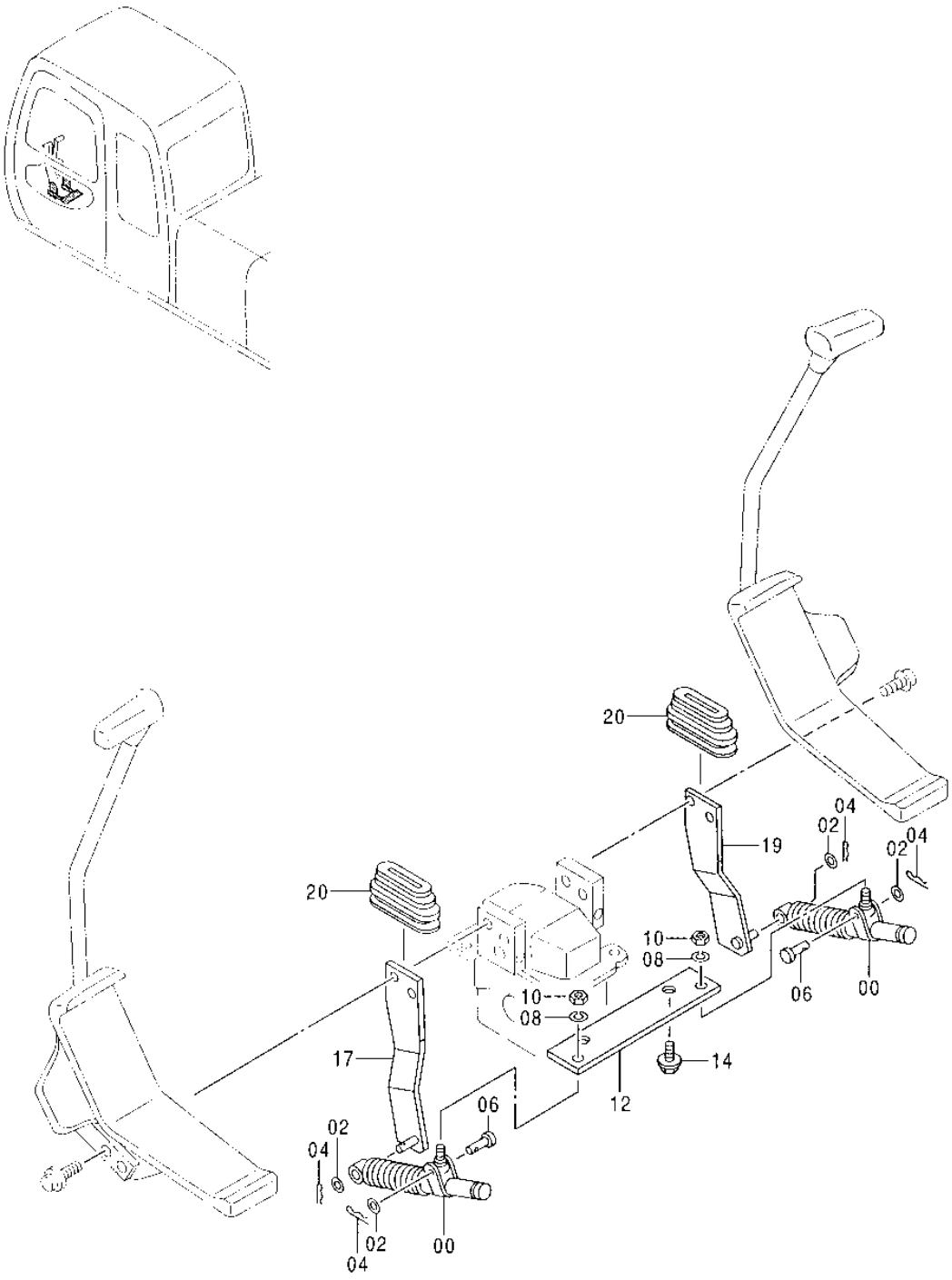


PROPEL PILOT VALVE

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	9151782	FLOW CONTROL HYD. VALVE	1		(SUB FOR AT216017)
1	4319299	SPACER	4		(SUB FOR AT215885)
2	4203411	SHIM	12		(SUB FOR T108159)
3	4368629	COMPRESSION SPRING	4		(SUB FOR AT215954)
4	4364970	GUIDE	4		(SUB FOR AT215948)
5	4368630	COMPRESSION SPRING	4		(SUB FOR AT215955)
6	9151724	PLUNGER	4		(SUB FOR AT216016)
6A	.....	BUSHING	1		(AT217942 NO LONGER AVAILABLE)
6B	4447050	SEAL	1		(SUB FOR 4335047 OR AT215897)
6C	CH11562	O-RING	1		
6D	3072517	PLUNGER	1		(SUB FOR AT215869)
7	9144133	HOLDER	1		(SUB FOR AT216007)
7B	4238834	BUSHING	2		(SUB FOR TH111963)
7C	4274716	BUSHING	2		(SUB FOR AT154947)
8	J781030	SCREW	2		(SUB FOR AT213614)
9	12M7066	LOCK WASHER	2		10 MM (0.394")
10	3072012	CAM	2		(SUB FOR AT181980)
11	4190983	PIN FASTENER	2		(SUB FOR TH109244)
12	34M7225	SPRING PIN	2		8 X 28 MM (0.315" X 1.102") (SUB FOR 34M6402)
13	4213419	SPRING PIN	2		(SUB FOR TH111654)
14	2037988	COVER	1		(SUB FOR AT215851)
15	19M7923	CAP SCREW	2		M6 X 12
	12M7006	LOCK WASHER	2		6 MM (0.236")
	24M7054	WASHER	2		6.400 X 12 X 1.600 MM (0.252" X 0.472" X 0.063")
16	4208977	DRAIN PLUG	1		(SUB FOR TH111351)
17	CH11561	PACKING	1		
23	4357063	PLATE	1		(SUB FOR AT215932)
30	8063718	HOUSING	1		(SUB FOR AT216001)

PROPEL LEVER DAMPER

TP47927 -UN-14MAY96

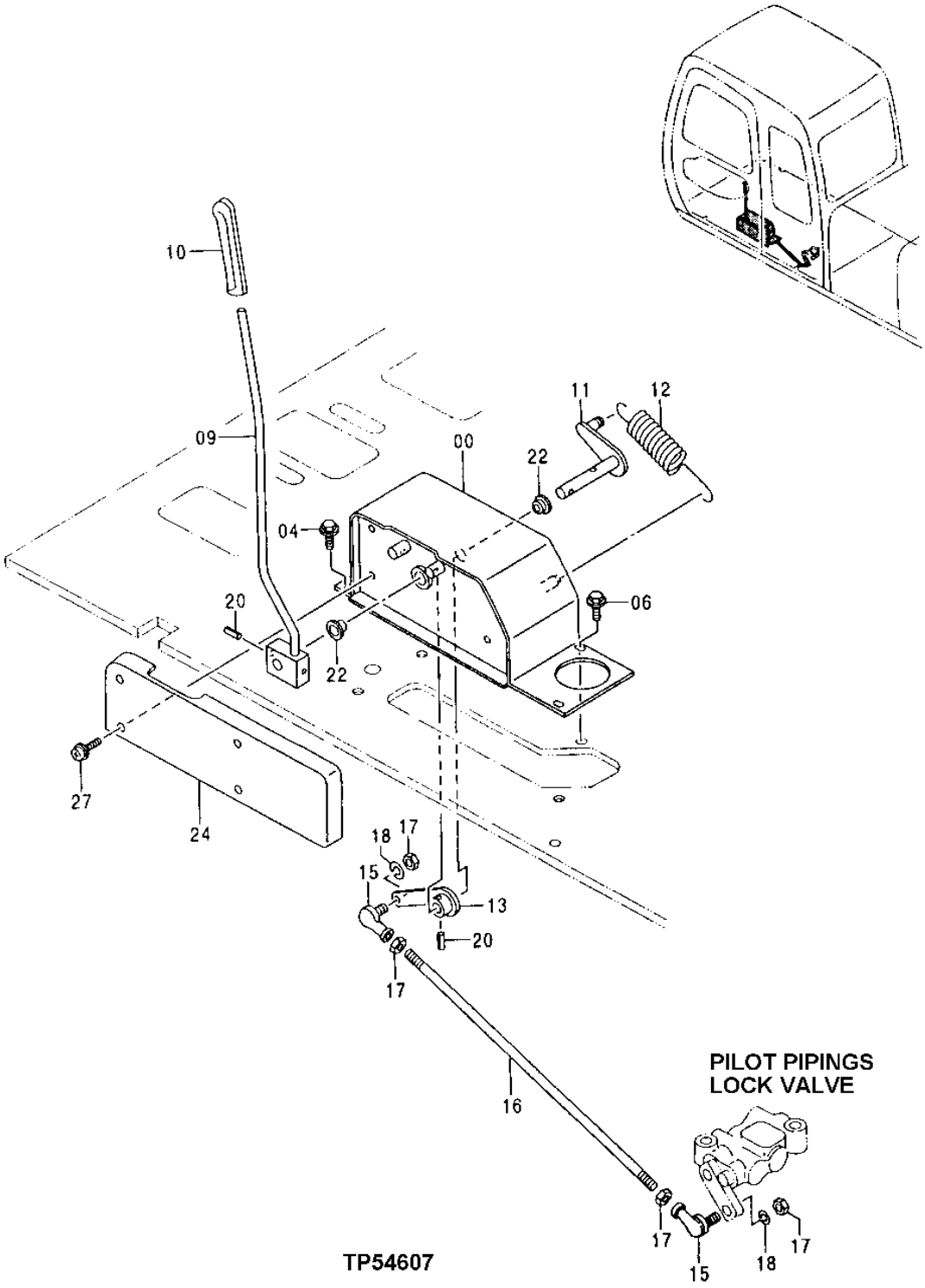


PROPEL LEVER DAMPER

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4204959	TORSIONAL DAMPER	2		(SUB FOR TH108384)
2	24M7055	WASHER	4		8.400 X 16 X 1.600 MM (0.331" X 0.630" X 0.063")
4	H132922	COTTER PIN	4		
6	4044928	PIN	2		(SUB FOR TH108385)
8	12M7056	LOCK WASHER	2		8 MM (0.315") (SUB FOR 12M7065)
10	14M7273	NUT	2		M8
12	4359716	BRACKET	1		(SUB FOR AT215938)
14	12M7066	LOCK WASHER	2		10 MM (0.394")
	19M7938	CAP SCREW	2		M10 X 20
17	AT307242	BRACKET	1		(SUB FOR 9741921) (LEFT)
19	AT307241	BRACKET	1		(SUB FOR 9741920) (RIGHT)
20	3076503	BOOT	2		(SUB FOR AT215876)

LOCK LEVER

TP54607 -UN-22FEB97

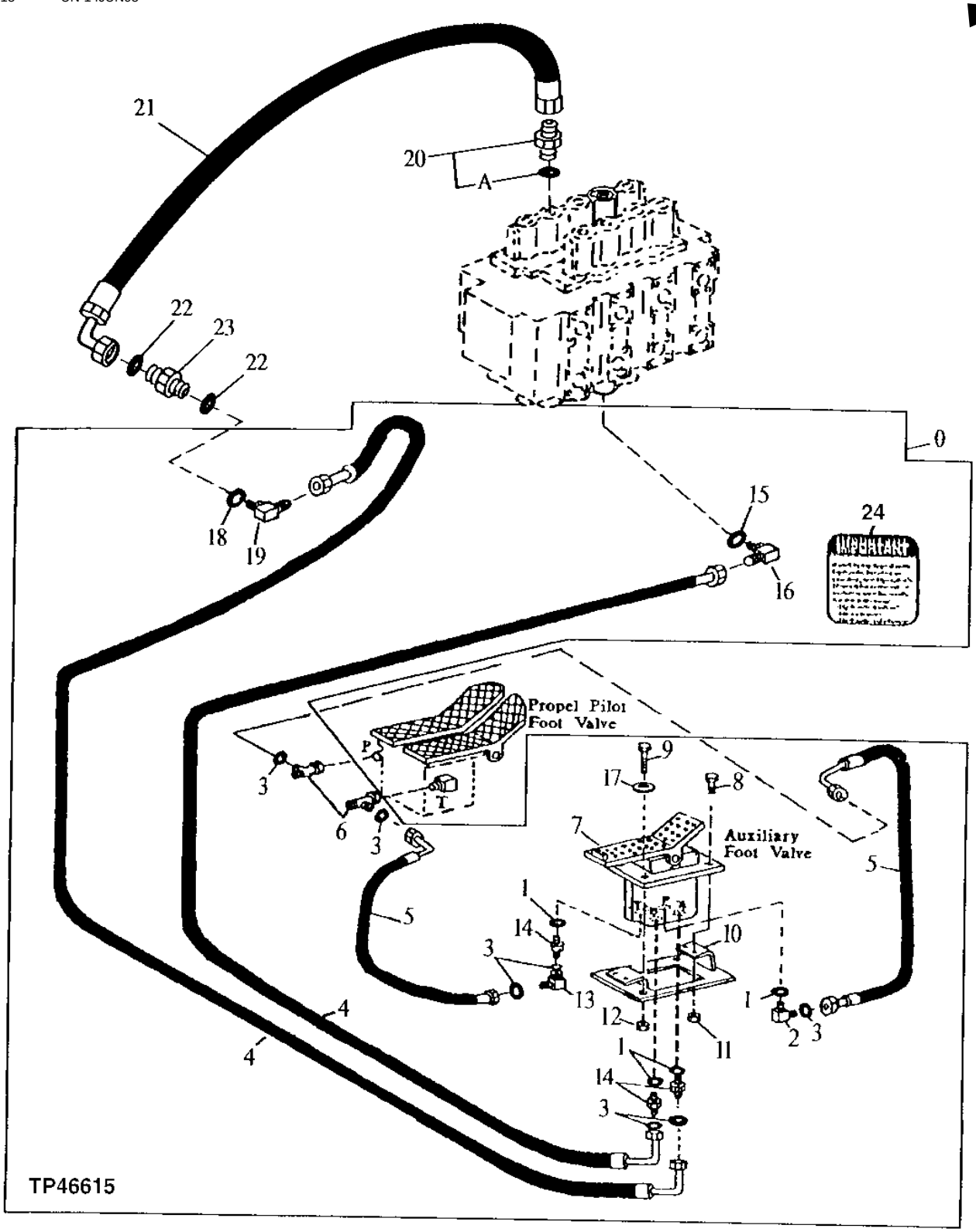


LOCK LEVER

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	7029259	BOX	1		(SUB FOR AT217849)
4	19M7402	CAP SCREW	2		M10 X 25
6	19M7402	CAP SCREW	2		M10 X 25
9	8061138	LEVER	1		(SUB FOR AT214361)
10	3051611	GRIP	1		(SUB FOR AT154122)
11	8060886	LINK	1		(SUB FOR AT214358)
12	4189184	EXTENSION SPRING	1		(SUB FOR TH108392)
13	9743595	LEVER	1		(SUB FOR AT177400)
15	T110021	BALL JOINT SOCKET	2		
16	4259591	STUD	1		(SUB FOR AT154262)
17	14M7273	NUT	4		M8
18	12M7056	LOCK WASHER	2		8 MM (0.315") (SUB FOR 12M7065)
20	34M7225	SPRING PIN	2		8 X 28 MM (0.315" X 1.102") (SUB FOR 34M6402)
22	4341810	BUSHING	2		(SUB FOR AT177401)
24	2037246	COVER	1		(SUB FOR AT213737)
27	J680640	SCREW WITH WASHER	4		(SUB FOR AT213612)

AUXILIARY FOOT CONTROL

TP46615 -UN-14JUN95

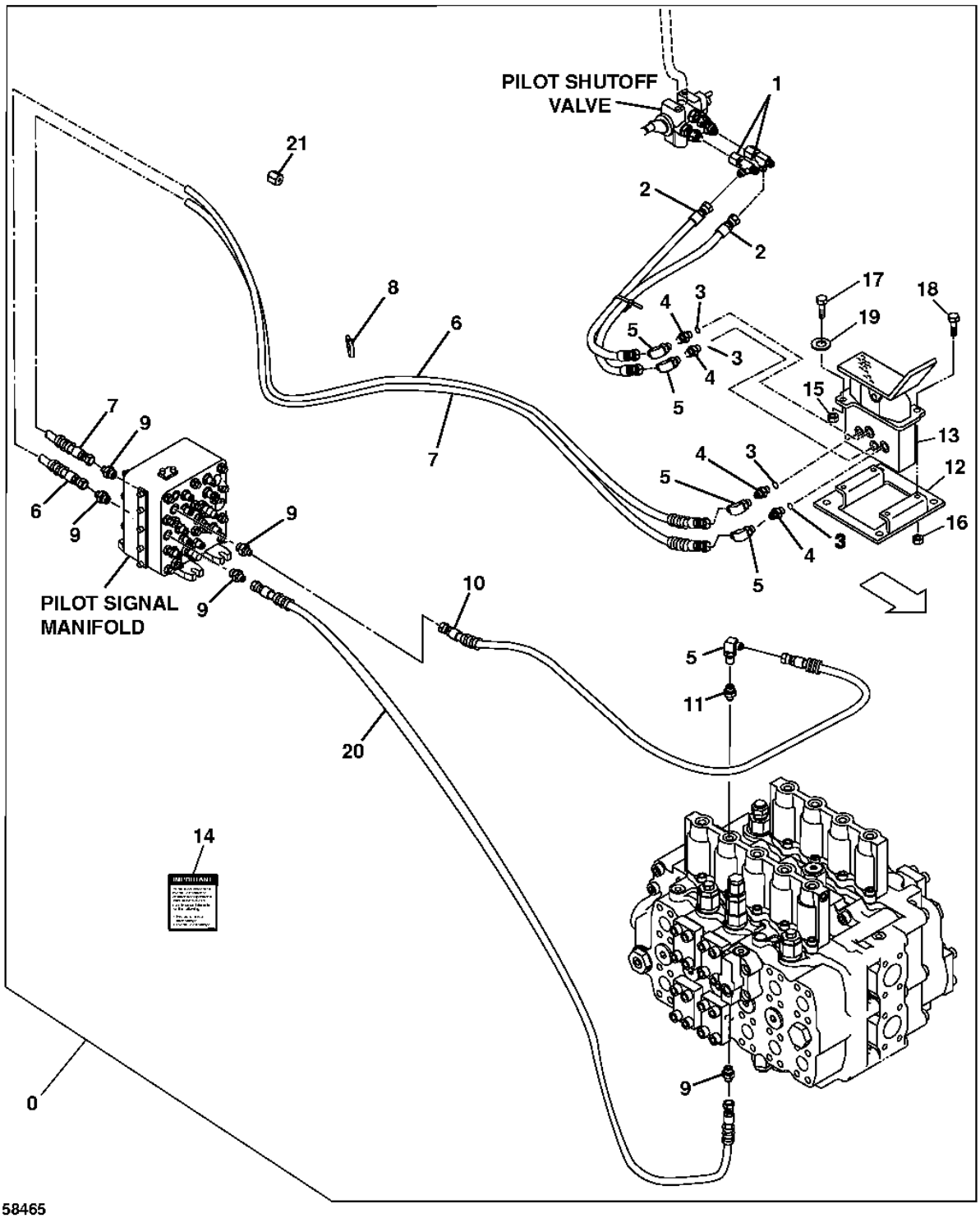


AUXILIARY FOOT CONTROL

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	.....	CONTROL	1		(AT160350 AND AT185482 NO LONGER AVAILABLE, SUB AT195684) (AUXILIARY FOOT PEDAL) WHOLEGOODS
1	R26448	O-RING	4		11.887 X 1.981 MM (0.468" X 5/64")
2	38H1004	ELBOW FITTING	1		
3	T77613	O-RING	7		9.246 X 1.778 MM (0.364" X 0.070")
4	AT160348	HYDRAULIC HOSE - FABRICATE	2		11/16" X 3 455 MM (136") X 11/16"
5	AT152138	HYDRAULIC HOSE - FABRICATE	2		9/16" X 515 MM (20-1/4") X 11/16"
6	AT36921	TEE FITTING	2		
7	AT152120	HAND OPERATED VALVE	1		
8	19M7866	SCREW	4		M8 X 20
9	19M7784	SCREW	2		M10 X 20
10	AT115535	SUPPORT	1		
11	14M7298	FLANGE NUT	4		M8
12	14M7296	FLANGE NUT	1		M10
13	38H1094	ELBOW FITTING	1		
14	38H1160	ADAPTER	3		
15	CH11570	O-RING	1		
16	AT137356	ELBOW FITTING	1		
17	24M7296	WASHER	2		10.500 X 30 X 2.500 MM (0.413" X 1.181" X 0.098")
18	CH11570	O-RING	1		
19	AT137356	ELBOW FITTING	1		
20	4202422	ADAPTER	1		(SUB FOR TH108440)
20A	CH11570	O-RING	1		
21	AT152138	HYDRAULIC HOSE - FABRICATE	1		9/16" X 515 MM (20-1/4") X 11/16"
22	T77613	O-RING	2		9.246 X 1.778 MM (0.364" X 0.070")
23	38H1278	UNION FITTING	1		
24	T149434	LABEL	1		(ON RIGHT SIDE OF CAB BETWEEN ASH TRAY AND OPERATOR'S CAUTION DECAL)

AUXILIARY 2-WAY HYDRAULIC FOOT PEDAL CONTROL

T158465 -UN-16AUG02

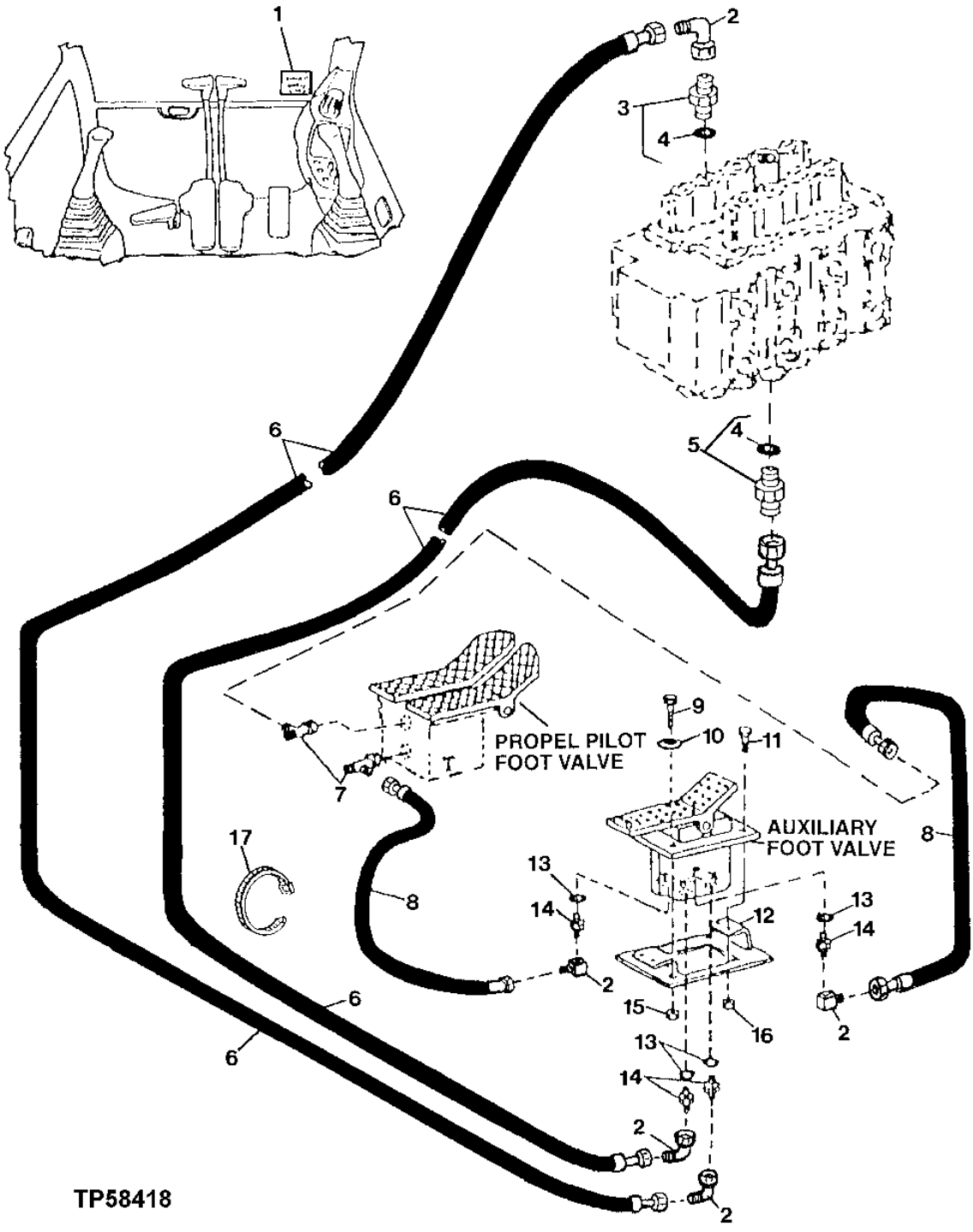


AUXILIARY 2-WAY HYDRAULIC FOOT PEDAL CONTROL

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	**AT195684**	**KIT**	**1**		**WHOLEGOODS (AUXILIARY FOOT PEDAL CONTROL) (SUB FOR AT160350 AND AT185482)**
1	AT36921	TEE FITTING	2		
2	AH108250	HOSE	2		9/16" X 787 MM (31") X 9/16"
3	R26448	O-RING	4		
4	R27212	FITTING	4		
5	AE24616	ELBOW FITTING	5		
6	AE42067	HYDRAULIC HOSE	1		9/16" X 3 700 MM (145-3/4") X 9/16"
7	AE42067	HYDRAULIC HOSE	1		9/16" X 3 700 MM (145-3/4") X 9/16"
8	H77698	TIE BAND	5		
9	4200466	ADAPTER	5		(SUB FOR TH108320)
	CH11570	O-RING	5		
10	AT68901	HYDRAULIC HOSE - FABRICATE	2		9/16" X 965 MM (38") X 9/16"
11	4202422	ADAPTER	1		(SUB FOR TH108440)
	CH11570	O-RING	1		
12	AT115535	SUPPORT	1		
13	AT152120	HAND OPERATED VALVE	1		
14	T149434	LABEL	1		
15	14M7296	FLANGE NUT	1		M10
16	14M7298	FLANGE NUT	4		M8
17	19M7784	SCREW	2		M10 X 20
18	19M7866	SCREW	4		M8 X 20
19	24M7296	WASHER	2		10.500 X 30 X 2.500 MM
20	AR90081	HYDRAULIC HOSE	1		
21	R31147	FITTING	1		(TANK PORT DRAIN LINE)

REPLACEMENT AUXILIARY FOOT CONTROL HOSES AND FITTINGS

TP58418 -UN-10FEB99

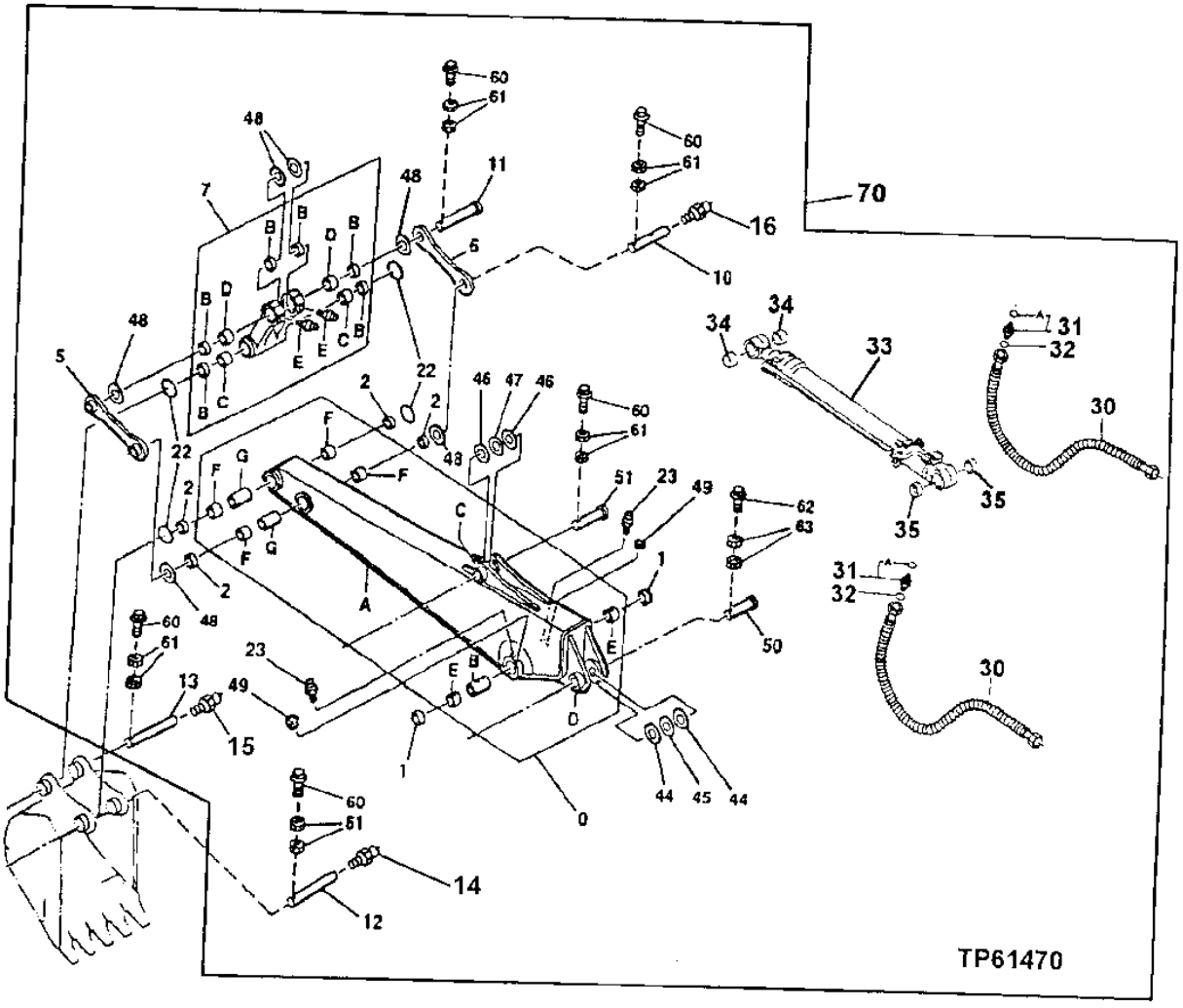


REPLACEMENT AUXILIARY FOOT CONTROL HOSES AND FITTINGS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	T149434	LABEL	1		
2	AE24616	ELBOW FITTING	5		
3	4202422	ADAPTER	1		(SUB FOR TH108440)
4	CH11570	O-RING	2		
5	4200466	ADAPTER	1		(SUB FOR TH108320)
6	AE42067	HYDRAULIC HOSE	2		
7	AT36921	TEE FITTING	2		
8	AH108250	HOSE	2		
9	19M7784	SCREW	2		M10 X 20
10	24M7296	WASHER	2		10.500 X 30 X 2.500 MM (0.413" X 1.181" X 0.098")
11	19M7866	SCREW	4		M8 X 20
12	AT115535	SUPPORT	1		
13	R26448	O-RING	4		11.887 X 1.981 MM (0.468" X 5/64")
14	R27212	FITTING	4		
15	14M7296	FLANGE NUT	1		M10
16	14M7298	FLANGE NUT	4		M8
17	H77698	TIE BAND	3		

STANDARD ARM 2.26 M (7 FT 4 IN)

TP61470 -UN-23FEB99

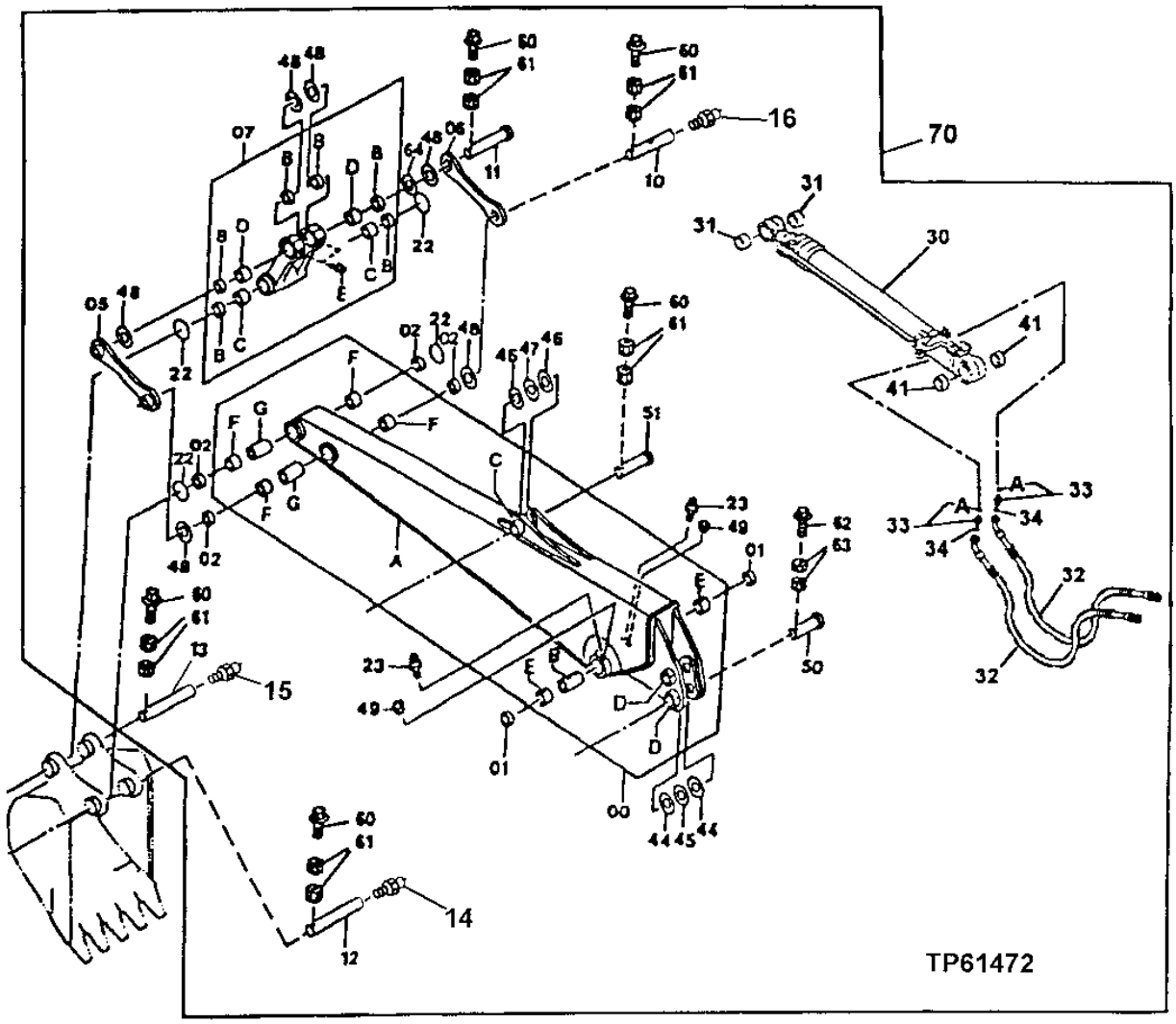


STANDARD ARM 2.26 M (7 FT 4 IN)

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	AP34302	ARM	1		(CONVENIENCE ASSEMBLY)
0A	.....	ARM	1		
0B	P63530	BUSHING	1		
0C	P60783	BUSHING	1		
0D	P60784	SPACER	1		
0E	4188796	BUSHING	2		(SUB FOR TH108930)
0F	AT122209	BUSHING	4		65 X 80 X 50 MM (2.559" X 3.150" X 1.969")
0G	4124575	SPACER	2		(SUB FOR TH100369)
1	TH100374	SEAL	2		
2	TH100374	SEAL	4		
5	4257933	LINK	1		(SUB FOR AT154248)
6	9735190	LINK	1		(SUB FOR AP34182)
7	8050179	LINK	1		(SUB FOR AT154498)
7B	TH100374	SEAL	6		
7C	4188796	BUSHING	2		(SUB FOR TH108930)
7D	AT122209	BUSHING	2		65 X 80 X 50 MM (2.559" X 3.150" X 1.969")
7E	TH100074	LUBRICATION FITTING	2		
10	TH108940	PIN	1		(SUB FOR AP33639, ALONG WITH TH100074)
11	P66990	SHEAR PIN	1		(SUB FOR TH108943)
12	AT318059	PIN FASTENER	1		(SUB FOR 3084540) (ALSO ORDER TH100074) (SUB FOR TH108941)
13	P68886	PIN	1		(ALSO ORDER TH100074) (SUB FOR TH108942)
14	TH100074	LUBRICATION FITTING	1		
15	TH100074	LUBRICATION FITTING	1		
16	TH100074	LUBRICATION FITTING	1		
22	4276696	O-RING	4		112 X 8 MM (4.409" X 0.315") (SUB FOR AT154340)
23	TH100074	LUBRICATION FITTING	2		
30	4296275	HYDRAULIC HOSE - FABRICATE	2		(SUB FOR P63529)
31	4189602	FITTING	2		(SUB FOR TH108350)
31A	4506418	O-RING	1		(SUB FOR U46489)
32	T77857	O-RING	2		12.421 X 1.778 MM (0.489" X 0.070")
33	.....	CYLINDER	1		(BUCKET CYLINDER) (SEE SEPARATE PAGE FOR DETAIL)
34	TH100374	SEAL	2		
35	TH100374	SEAL	2		
44	4179807	WASHER	2		(SUB FOR TH108045)
45	4284139	WASHER	1		(SUB FOR AT154378)
46	4284139	WASHER	2		(SUB FOR AT154378)
47	4179807	WASHER	1		(SUB FOR TH108045)
48	4075358	WASHER	6		(SUB FOR TH108955)
49	4075358	WASHER	2		(SUB FOR TH108955)
50	P60860	PIN	1		
51	P60925	PIN FASTENER	1		
60	19M8351	CAP SCREW	5		M16 X 125, (SUB FOR 19M7941)
61	14M7276	NUT	10		M16
62	19M8351	CAP SCREW	1		M16 X 125, (SUB FOR 19M7907, THIS APPLICATION) (SUB FOR 19M7941)
63	14M7276	NUT	2		M16, (SUB FOR 14M7277, THIS APPLICATION)
70	AP35211	ARM	1		WHOLEGOODS (INCLUDES STANDARD ARM, BUCKET CYLINDER, HOSES, AND LINKAGE)

LONG ARM 2.81 M (9 FT 3 IN)

TP61472 -UN-23FEB99

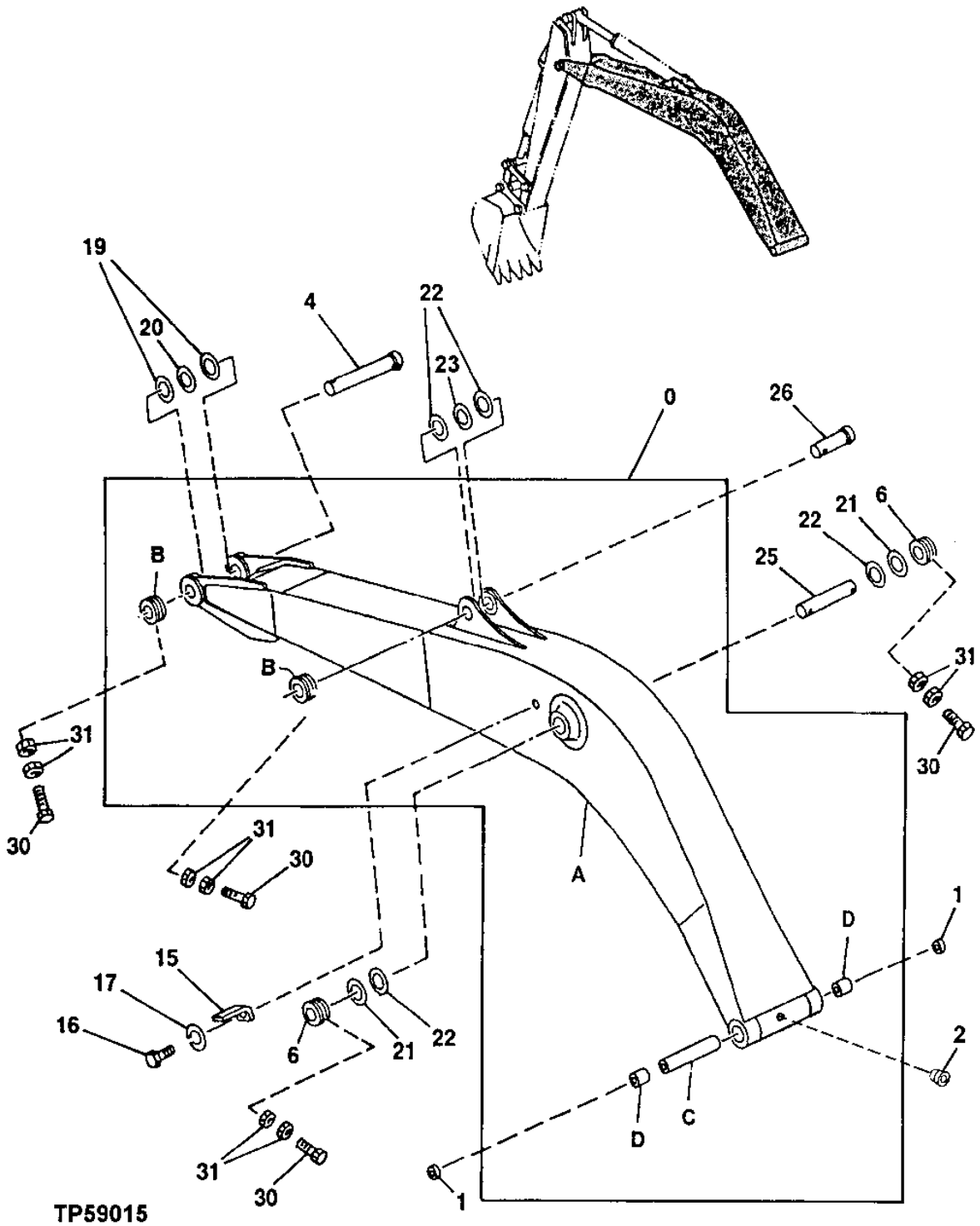


LONG ARM 2.81 M (9 FT 3 IN)

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	AP34389	ARM	1		(CONVENIENCE ASSEMBLY)
0A	.....	ARM	1		
0B	P63530	BUSHING	1		
0C	P60783	BUSHING	1		
0D	P60783	BUSHING	2		
0E	4188796	BUSHING	2		(SUB FOR TH108930)
0F	AT122209	BUSHING	4		65 X 80 X 50 MM (2.559" X 3.150" X 1.969")
0G	4124575	SPACER	2		(SUB FOR TH100369)
1	TH100374	SEAL	2		
2	TH100374	SEAL	4		
5	4257933	LINK	1		(SUB FOR AT154248)
6	4257933	LINK	1		(SUB FOR AT154248)
7	AP33539	LINK	1		
7B	TH100374	SEAL	6		
7C	AT122209	BUSHING	2		
7D	4188796	BUSHING	2		(SUB FOR TH108930)
7E	TH100074	LUBRICATION FITTING	2		
10	TH108940	PIN	1		(SUB FOR AP33639, ALONG WITH TH100074)
11	P66990	SHEAR PIN	1		(SUB FOR TH108943)
12	AT318059	PIN FASTENER	1		(SUB FOR 3084540) (ALSO ORDER TH100074) (SUB FOR TH108941)
13	P68886	PIN	1		(ALSO ORDER TH100074) (SUB FOR TH108942)
14	TH100074	LUBRICATION FITTING	1		
15	TH100074	LUBRICATION FITTING	1		
16	TH100074	LUBRICATION FITTING	1		
22	4276696	O-RING	4		112 X 8 MM (4.409" X 0.315") (SUB FOR AT154340)
23	TH100074	LUBRICATION FITTING	2		
30	.....	CYLINDER	1		(BUCKET CYLINDER) (SEE SEPARATE PAGE FOR DETAIL)
31	TH100374	SEAL	2		
32	P63676	HYDRAULIC HOSE - FABRICATE	2		
33	4189602	FITTING	2		(SUB FOR TH108350)
33A	4506418	O-RING	1		(SUB FOR U46489)
34	T77857	O-RING	2		12.421 X 1.778 MM (0.489" X 0.070")
41	TH100374	SEAL	2		
44	4075358	WASHER	2		(SUB FOR TH108955)
45	4284139	WASHER	1		(SUB FOR AT154378)
46	4284139	WASHER	2		(SUB FOR AT154378)
47	4179807	WASHER	1		(SUB FOR TH108045)
48	4075358	WASHER	6		(SUB FOR TH108955)
49	94-2010	FITTING PLUG	2		(SUB FOR TH100689)
50	P60861	PIN	1		
51	P60925	PIN FASTENER	1		
60	19M8351	CAP SCREW	5		M16 X 125, (SUB FOR 19M7941)
61	14M7276	NUT	10		M16
62	19M8351	CAP SCREW	1		M16 X 125, (SUB FOR 19M7907, THIS APPLICATION) (SUB FOR 19M7941)
63	14M7276	NUT	2		M16, (SUB FOR 14M7277, THIS APPLICATION)
64	4075357	WASHER	1		(SUB FOR TH108944)
70	AP35213	ARM	1		WHOLEGOODS (INCLUDES LONG ARM, BUCKET CYLINDER, HOSES AND LINKAGE)

BOOM

TP59015 -UN-04MAR98

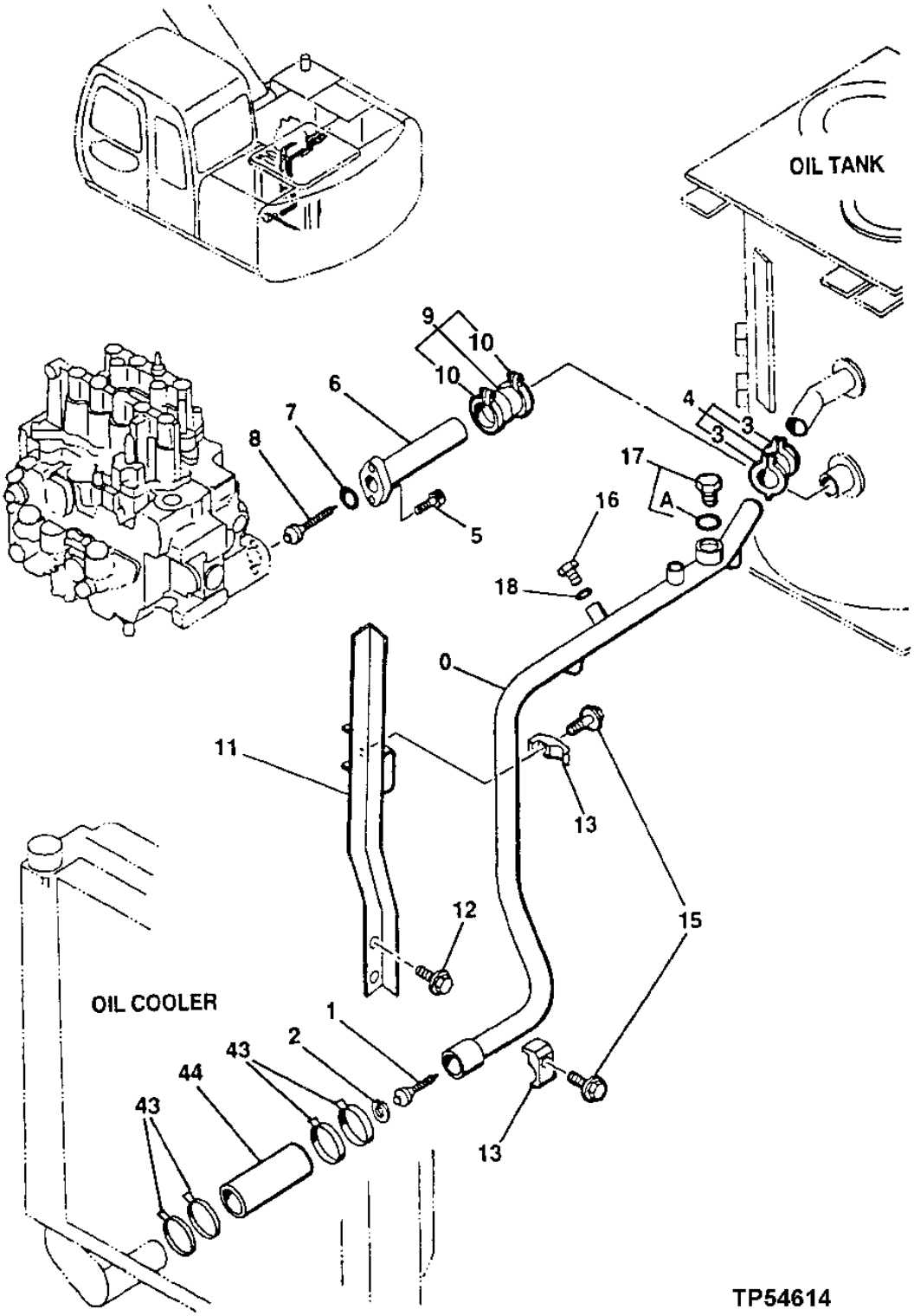


BOOM

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	AP34295	EXCAVATOR BOOM	1		(CONVENIENCE ASSEMBLY)
0A	.....	EXCAVATOR BOOM	1		
0B	TH108649	BUSHING	2		
0C	P60420	SPACER	1		86.200 X 76.600 X 373.500 MM (3.394" X 3.016" X 14.705") (SUB FOR AT154202, THIS APPLICATION)
0D	3051399	BUSHING	2		(SUB FOR AT154116)
1	TH104472	SEAL	2		
2	94-2023	FITTING PLUG	1		(SUB FOR TH100667)
4	3037076	PIN	1		(SUB FOR AT126126)
6	P60783	BUSHING	2		
15	4224631	BRACKET	1		(SUB FOR TH111685)
16	J901425	CAP SCREW	1		(SUB FOR TH104071)
17	12H317	LOCK WASHER	1		14.288 MM (9/16")
19	4252331	WASHER	2		(SUB FOR AT154199)
20	4366692	THRUST WASHER	1		(SUB FOR TH105593) (SUB FOR AT214030)
21	4284057	SOLID SHIM	4		(SUB FOR P63463)
22	4075359	WASHER	AR		(SUB FOR TH101314)
23	4075360	WASHER	1		(SUB FOR TH101315)
25	P60859	PIN	1		
26	P60860	PIN	1		
30	19M8351	CAP SCREW	4		M16 X 125, (SUB FOR 19M7907, THIS APPLICATION) (SUB FOR 19M7941)
31	14M7276	NUT	8		M16, (SUB FOR 14M7277, THIS APPLICATION)

RETURN PIPINGS

TP54614 -UN-19MAR97

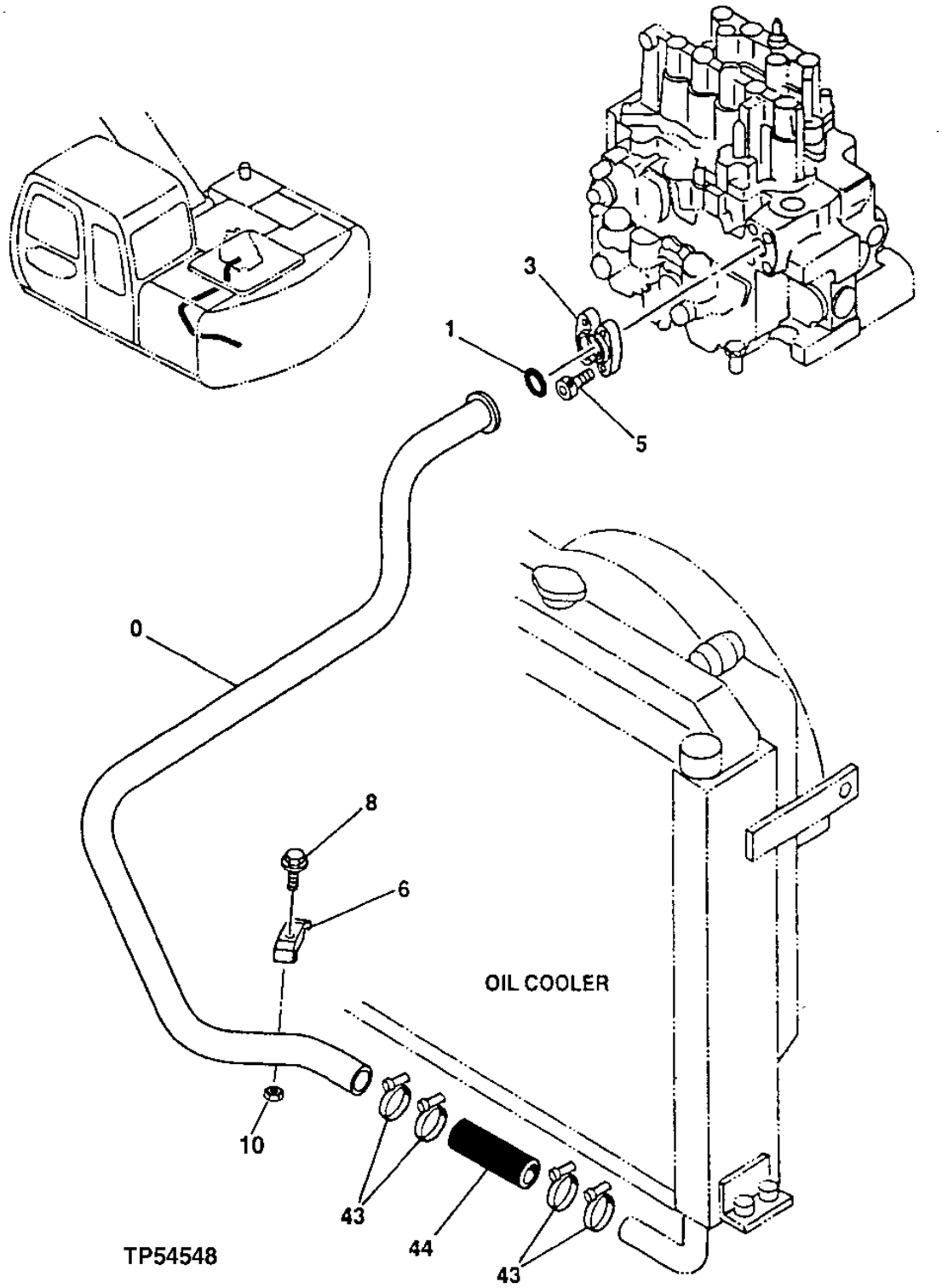


RETURN PIPINGS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	AP33430	PIPE	1		
1	4276584	FLOW CONTROL HYD. VALVE	1		(SUB FOR AT154331)
2	40M7225	SNAP RING	1		
3	4196258	SEAL	2		(SUB FOR TH106965)
4	4071213	COUPLING	1		(SUB FOR TH101923)
5	J781040	SCREW	2		(SUB FOR AT213615)
6	8064356	LINE	1		(SUB FOR AP33538)
7	A811040	O-RING	1		39.400 X 3.100 MM (1.551" X 0.122") (SUB FOR TH102992)
8	4266481	FLOW CONTROL HYD. VALVE	1		(SUB FOR AT154301)
9	4069801	COUPLING	1		(SUB FOR TH101915)
10	4196259	SEAL	2		(SUB FOR TH106966)
11	AP34524	SUPPORT	1		
12	19M7662	CAP SCREW	2		M10 X 30
	12M7066	LOCK WASHER	2		10 MM (0.394")
	24M7028	WASHER	2		10.500 X 20 X 2 MM (0.413" X 0.787" X 0.079")
13	4190127	CLAMP	2		(SUB FOR TH108313)
15	19M7753	CAP SCREW	2		M12 X 70
	12H301	LOCK WASHER	2		12.700 MM (1/2")
16	15M7036	DRAIN PLUG	1		(SUB FOR TH109285 OR 0309805)
17	4174542	DRAIN PLUG	1		(SUB FOR TH110478)
17A	AT318035	O-RING	1		(SUB FOR 4506424, TH100055)
18	CH11570	O-RING	1		13.800 X 2.400 MM (0.543" X 0.094")
43	AT54837	CLAMP	4		
44	P60796	HOSE	1		

RETURN PIPINGS

TP54548 -UN-22JAN97

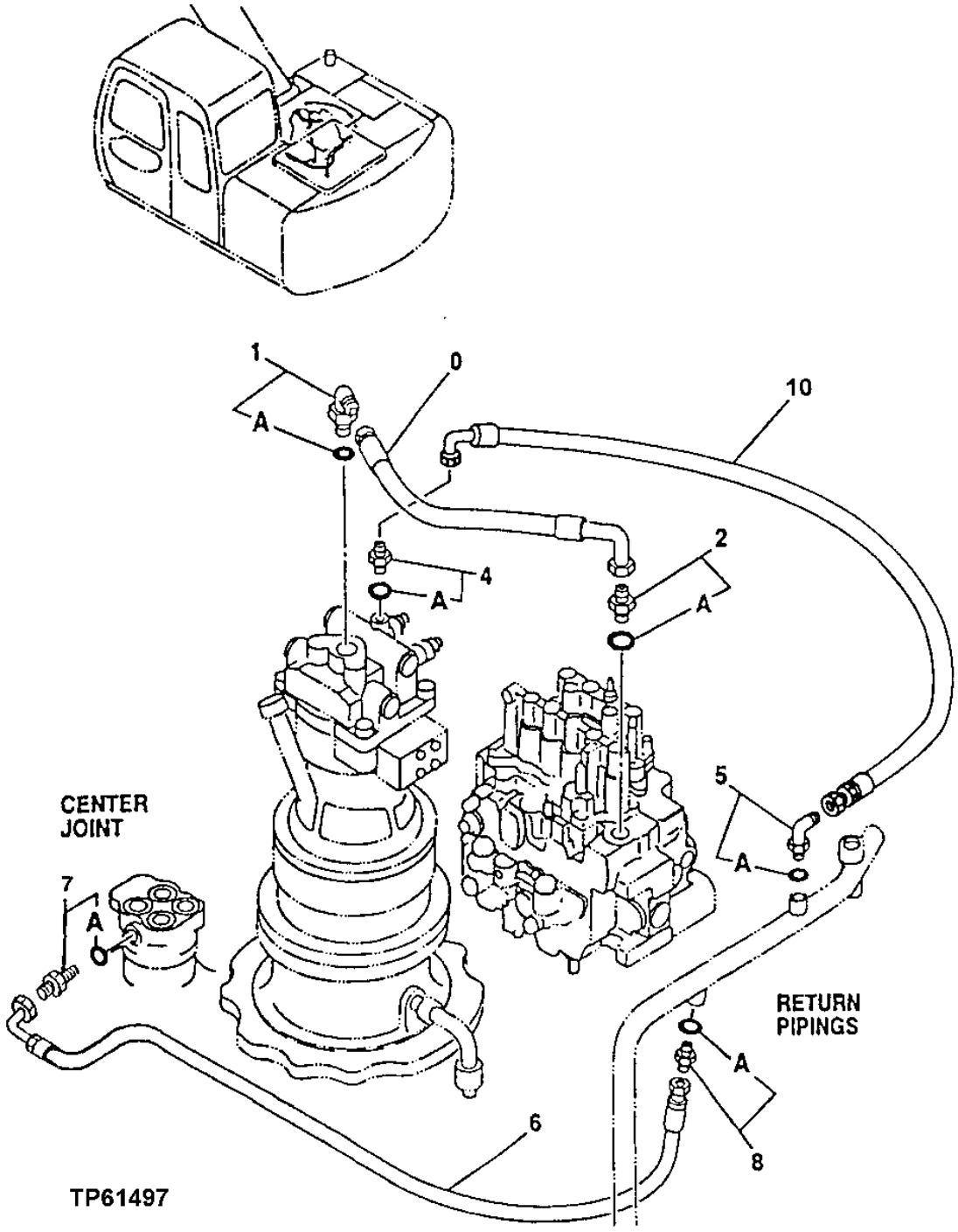


RETURN PIPINGS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	AP33431	PIPE	1		
1	T78313	O-RING	1		32.918 X 3.531 MM (1.296" X 0.139")
3	H61354	FLANGE FITTING	2		
5	J781030	SCREW	4		(SUB FOR AT213614)
6	4190127	CLAMP	1		(SUB FOR TH108313)
8	19M7753	CAP SCREW	1		M12 X 70
	12H301	LOCK WASHER	1		12.700 MM (1/2")
10	14M7299	FLANGE NUT	1		M12, (SUB FOR 14M7443, THIS APPLICATION)
43	AT54837	CLAMP	4		
44	P60796	HOSE	1		

DRAIN PIPINGS

TP61497 -UN-09MAR99

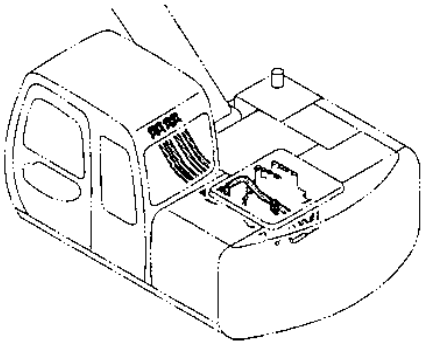


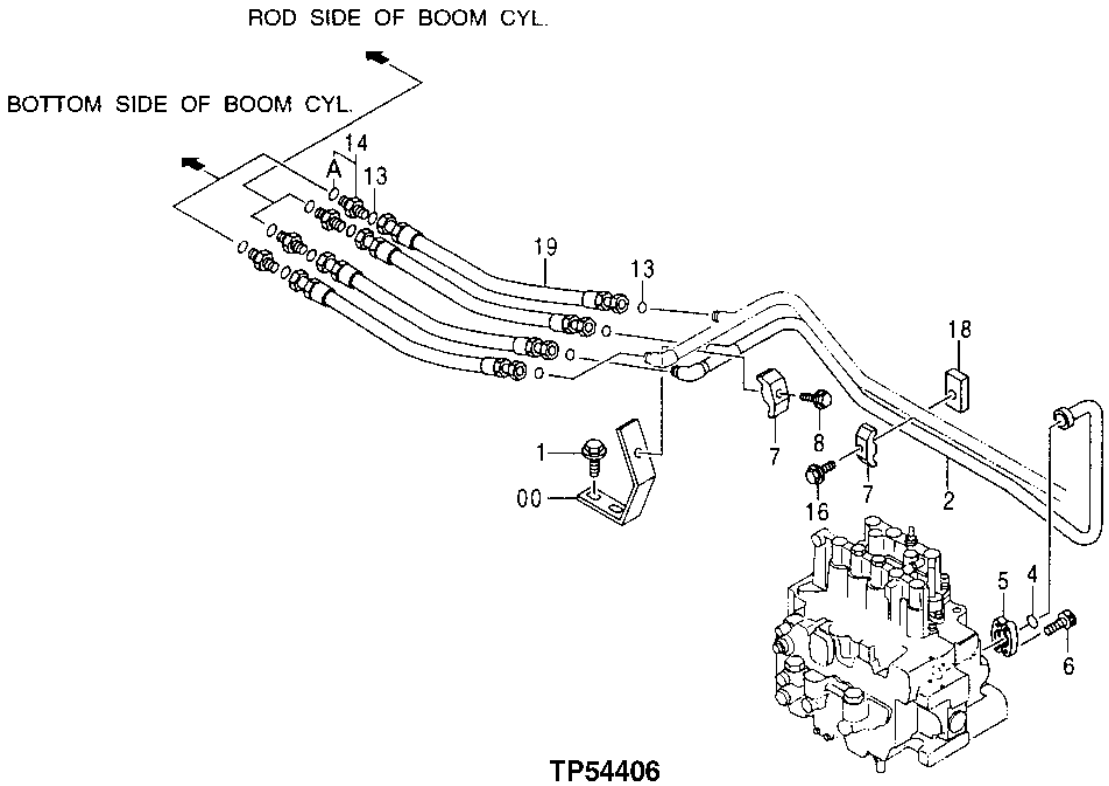
DRAIN PIPINGS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	P61616	HYDRAULIC HOSE - FABRICATE	1		
1	4157562	ELBOW FITTING	1		(SUB FOR TH109540)
1A	AT318035	O-RING	1		(SUB FOR 4506424, TH100055)
2	4189619	ADAPTER	1		(SUB FOR AT107392)
2A	AT318035	O-RING	1		(SUB FOR 4506424, TH100055)
4	4200466	ADAPTER	1		(SUB FOR TH108320)
4A	CH11570	O-RING	1		13.800 X 2.400 MM (0.543" X 0.094")
5	4154671	ELBOW FITTING	1		(SUB FOR TH101047)
5A	CH11570	O-RING	1		13.800 X 2.400 MM (0.543" X 0.094")
6	4400654	HYDRAULIC HOSE - FABRICATE	1		(SUB FOR AP35708)
7	4221290	ADAPTER	1		(SUB FOR AT131902)
7A	CH11570	O-RING	1		13.800 X 2.400 MM (0.543" X 0.094")
8	X8-10F5OX	ADAPTER	1		(SUB FOR TH101006)
8A	4506418	O-RING	1		(SUB FOR U46489)
10	P61629	HYDRAULIC HOSE - FABRICATE	1		

MAIN PIPINGS

TP54406 -UN-06NOV96





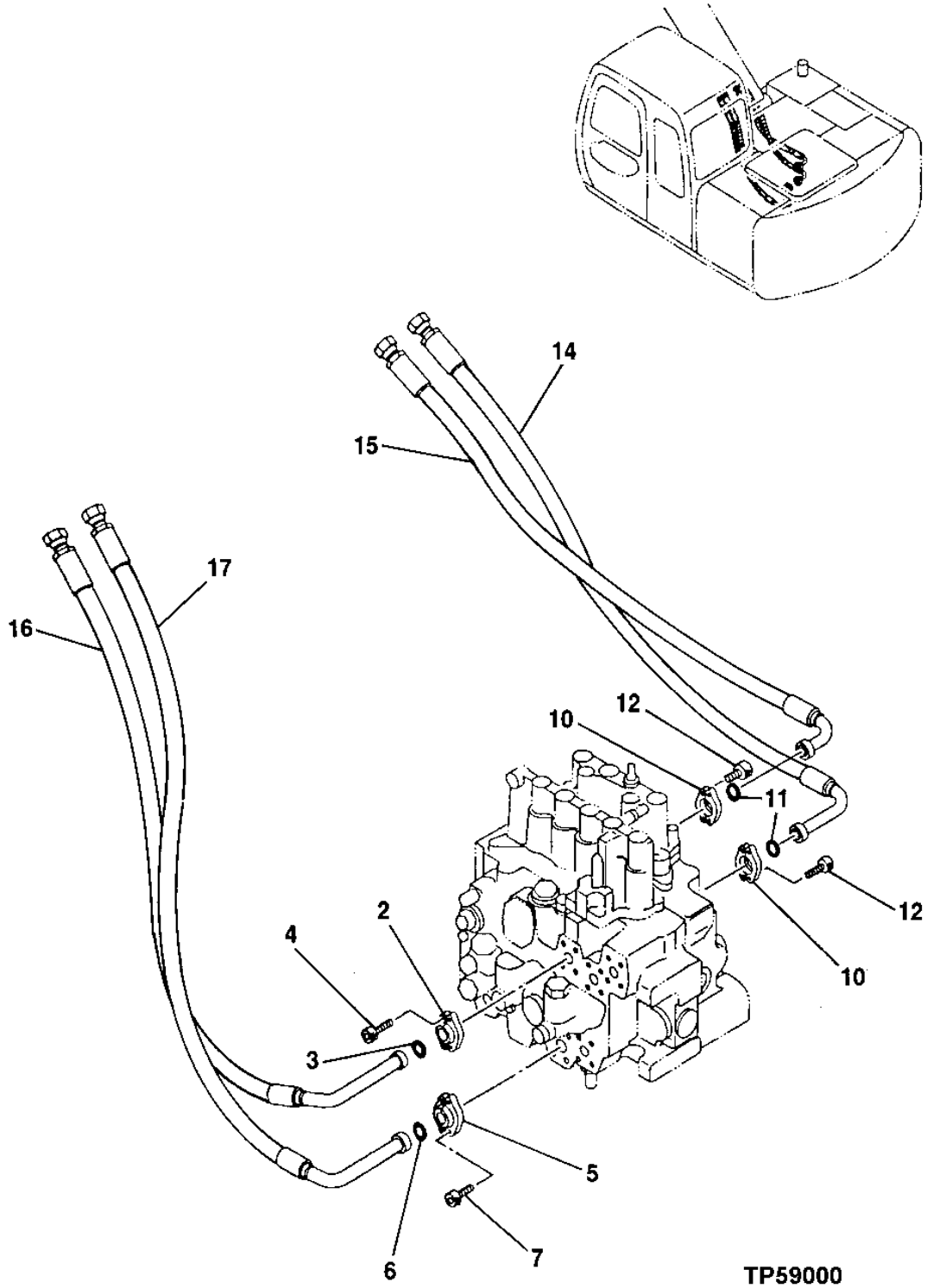
TP54406

MAIN PIPINGS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	9737118	SUPPORT	1		(SUB FOR AT154547)
1	19M7872	CAP SCREW	2		M12 X 25
	12H301	LOCK WASHER	2		12.700 MM (1/2")
	24M7047	WASHER	2		13 X 24 X 2.500 MM (0.512" X 0.945" X 0.098")
2	8060350	PIPE	1		(SUB FOR AP33432)
4	R69667	O-RING	1		18.644 X 3.531 MM (47/64" X 0.139")
5	4510173	FLANGE FITTING	2		(SUB FOR TH108341)
6	J780825	SCREW	4		(SUB FOR P61954)
7	4189858	CLAMP	2		(SUB FOR TH108333)
8	19M7363	CAP SCREW	1		M12 X 60
	12H301	LOCK WASHER	1		12.700 MM (1/2")
13	T77857	O-RING	8		12.421 X 1.778 MM (0.489" X 0.070")
14	4189602	FITTING	4		(SUB FOR TH108350)
14A	4506418	O-RING	1		(SUB FOR U46489)
16	19M7361	CAP SCREW	1		M12 X 50
	12H301	LOCK WASHER	1		12.700 MM (1/2")
18	4369262	MANIFOLD	1		(SUB FOR P61833)
19	AT155624	HYDRAULIC HOSE - FABRICATE	4		

MAIN PIPINGS

TP59000 -UN-05MAR98

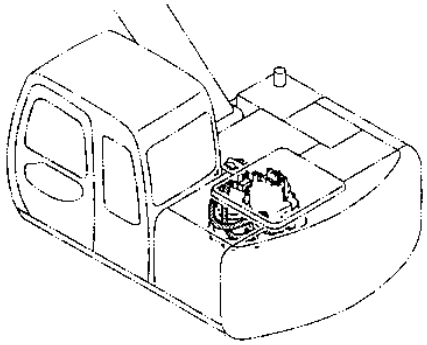


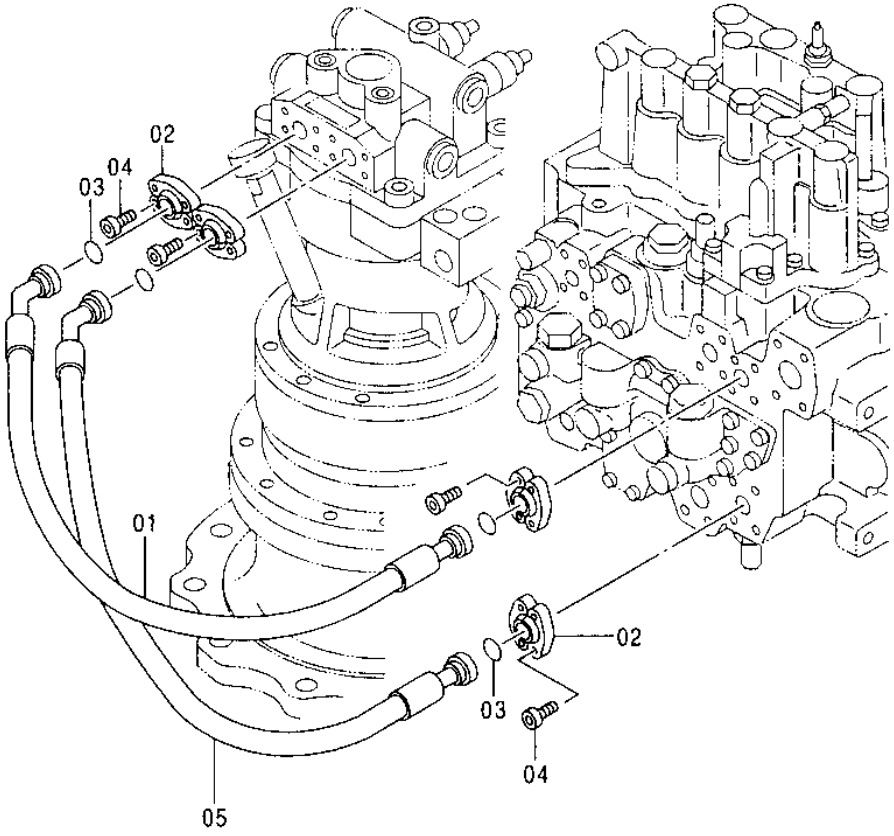
MAIN PIPINGS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
2	4510173	FLANGE FITTING	2		(SUB FOR TH108341)
3	R69667	O-RING	1		18.644 X 3.531 MM (47/64" X 0.139")
4	J780825	SCREW	4		(SUB FOR P61954)
5	R29424	FLANGE FITTING	2		
6	T59014	O-RING	1		24.994 X 3.531 MM (63/64" X 0.139")
7	J781030	SCREW	4		(SUB FOR AT213614)
10	4510173	FLANGE FITTING	4		(SUB FOR TH108341)
11	R69667	O-RING	2		18.644 X 3.531 MM (47/64" X 0.139")
12	J780825	SCREW	8		(SUB FOR P61954)
14	4334301	HYDRAULIC HOSE	1		
15	4332830	HYDRAULIC HOSE	1		(ALSO ORDER (2) 4327294) (9149508 NO LONGER AVAILABLE) (SUB FOR P61784, P61779)
16	4332827	HYDRAULIC HOSE	1		(ALSO ORDER (2) 4327294) (9149507 NO LONGER AVAILABLE) (SUB FOR P61778)
17	4455222	HYDRAULIC HOSE	1		(ALSO ORDER (2) 4327294) (9149510 OR 4357774 NO LONGER AVAILABLE) (SUB FOR P61635)
18	4327294	HOSE GUARD	2		(NOT ILLUSTRATED)

MAIN PIPINGS

TP54456 -UN-04DEC96





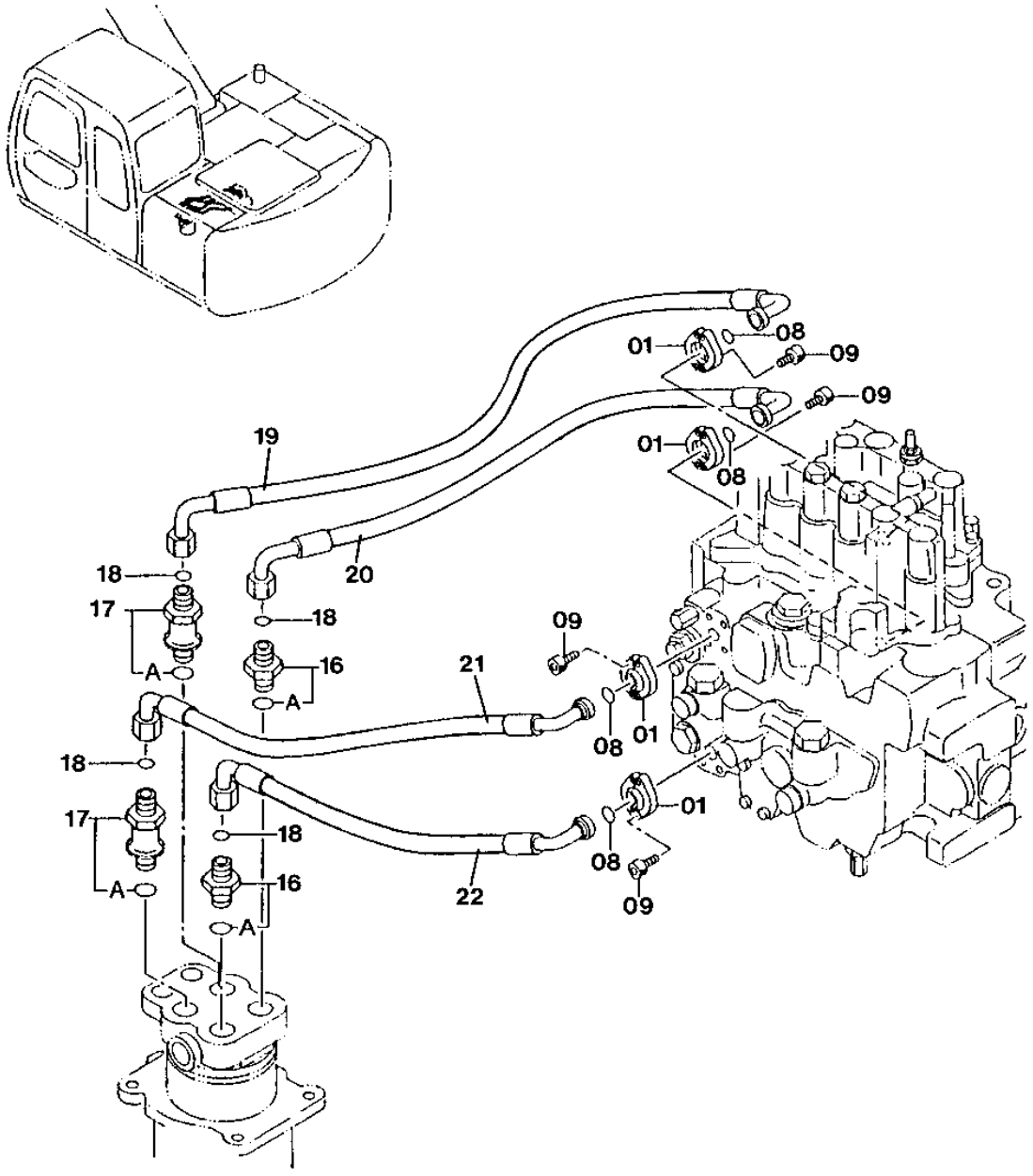
TP54456

MAIN PIPINGS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	4333700	HYDRAULIC HOSE - FABRICATE	1		(SUB FOR P61783 OR AP35848)
2	4510173	FLANGE FITTING	8		(SUB FOR TH108341)
3	R69667	O-RING	4		18.644 X 3.531 MM (47/64" X 0.139")
4	J780825	SCREW	16		(SUB FOR P61954)
5	4333699	HYDRAULIC HOSE - FABRICATE	1		(SUB FOR P61782 OR AP35847)

MAIN PIPINGS

TP59005 -UN-09MAR98

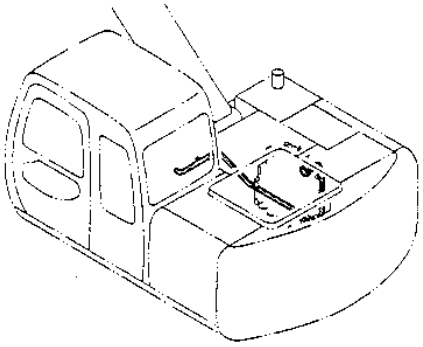


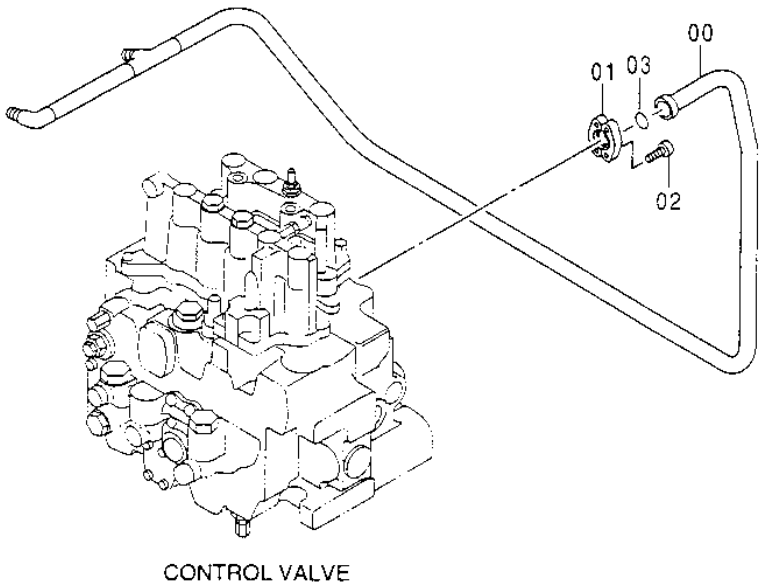
MAIN PIPINGS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	4510173	FLANGE FITTING	8		(SUB FOR TH108341)
8	R69667	O-RING	4		18.644 X 3.531 MM (47/64" X 0.139")
9	J780825	SCREW	16		(SUB FOR P61954)
16	4188623	FITTING	2		(SUB FOR TH110492)
16A	AT318035	O-RING	1		(SUB FOR 4506424, TH100055)
17	4188625	FITTING	2		(SUB FOR P61750)
17A	AT318035	O-RING	1		(SUB FOR 4506424, TH100055)
18	T77857	O-RING	4		12.421 X 1.778 MM (0.489" X 0.070")
19	4203130	HYDRAULIC HOSE - FABRICATE	1		(SUB FOR P61613)
20	4203129	HYDRAULIC HOSE - FABRICATE	1		(SUB FOR P61612)
21	4192047	HYDRAULIC HOSE - FABRICATE	1		(SUB FOR P61752)
22	4354467	HYDRAULIC HOSE - FABRICATE	1		(SUB FOR P61631)

BOOM BOTTOM PIPINGS

TP54454 -UN-04DEC96





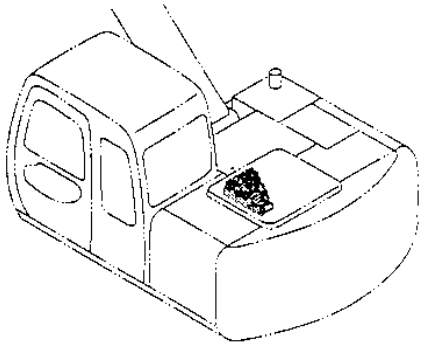
TP54454

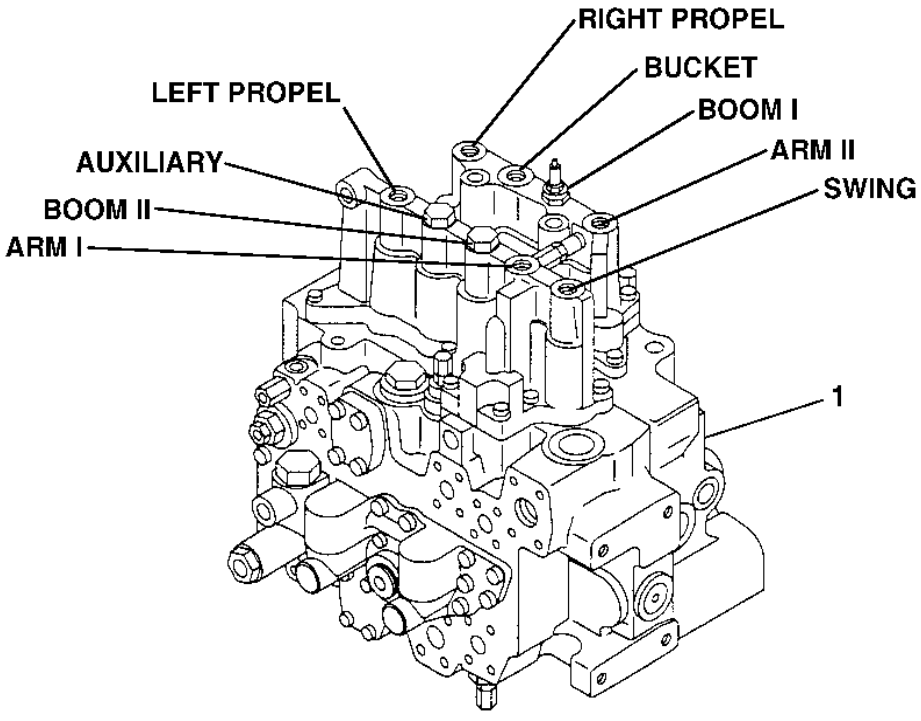
BOOM BOTTOM PIPINGS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	8062469	PIPE	1		(SUB FOR AP33429)
1	4510173	FLANGE FITTING	2		(SUB FOR TH108341)
2	J780825	SCREW	4		(SUB FOR P61954)
3	R69667	O-RING	1		18.644 X 3.531 MM (47/64" X 0.139")

CONTROL VALVE

TP54464 -UN-05DEC96





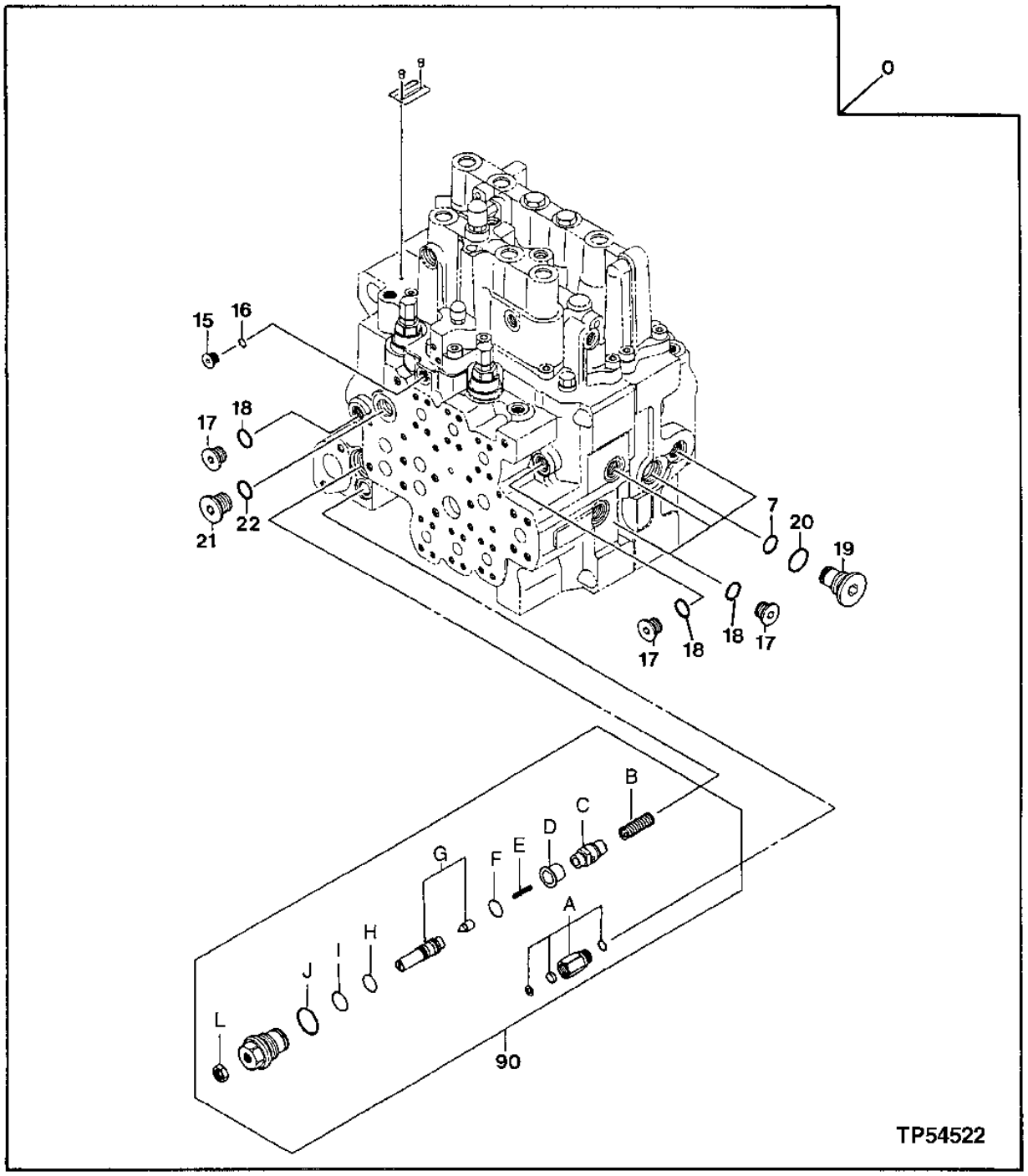
TP54464

CONTROL VALVE

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4383784	HYD ACTUATED CONTROL VALVE	1		(SUB FOR AT183674) (SUB FOR AP34395 OR AP35555)

CONTROL VALVE

TP54522 -UN-05FEB97

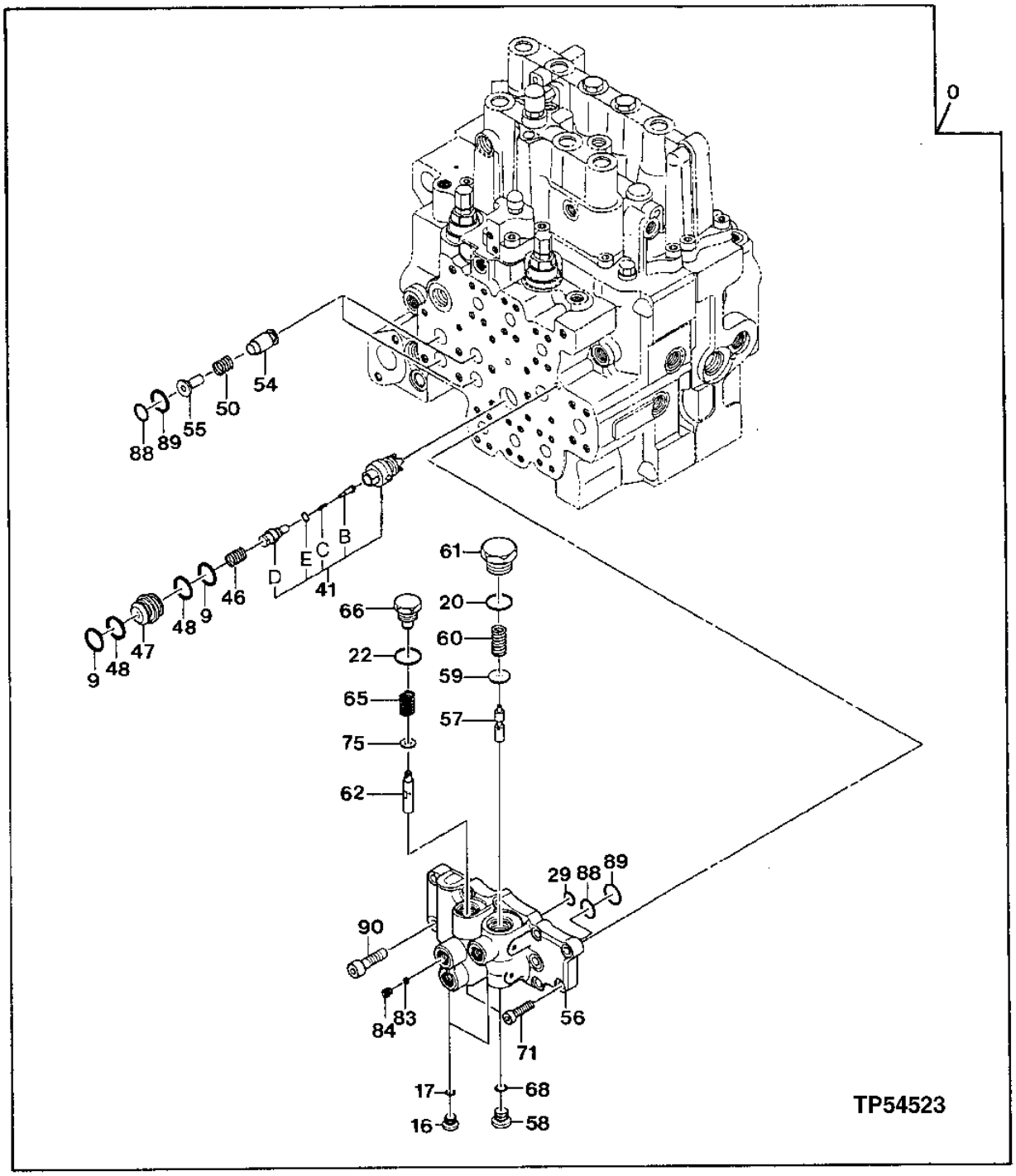


CONTROL VALVE

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4383784	HYD ACTUATED CONTROL VALVE	1		(ADDITIONAL COMPONENTS LISTED ON FOLLOWING PAGES) (SUB FOR AT183674) (SUB FOR AT34395 OR AP35555)
7	4506416	O-RING	1		(SUB FOR AT215736)
15	0669503	FITTING PLUG	1		(SUB FOR AT215738)
16	4506408	O-RING	1		7.800 X 1.900 MM (0.307" X 0.075") (SUB FOR TH101490)
17	0669504	FITTING PLUG	5		(SUB FOR AT215739)
18	CH11570	O-RING	5		13.800 X 2.400 MM (0.543" X 0.094")
19	0669505	FITTING PLUG	1		(SUB FOR AT215740)
20	AT318035	O-RING	1		(SUB FOR 4506424, TH100055)
21	0669506	FITTING PLUG	1		(SUB FOR AT215741)
22	4506418	O-RING	1		(SUB FOR U46489)
90	4372677	VALVE	1		(SUB FOR AT215973)
90A	0669507	ADAPTER	1		(SUB FOR AT215742)
90B	0669508	SPRING	1		(SUB FOR AT215743)
90C	0669509	PISTON	1		(SUB FOR AT215744)
90D	0669510	VALVE SEAT	1		(SUB FOR AT215745)
90E	0669511	SPRING	1		(SUB FOR AT215746)
90F	CH11570	O-RING	1		13.800 X 2.400 MM (0.543" X 0.094")
90G	0669512	VALVE SEAT INSERT	1		(SUB FOR AT215747)
90H	CH10568	O-RING	1		
90I	AT264354	O-RING	1		(SUB FOR TH103574)
90J	AT264347	O-RING	1		(SUB FOR TH100136, 4506428)
90L	2046464	NUT	1		(SUB FOR TH109179 AND 0309439)

CONTROL VALVE

TP54523 -UN-27JAN97

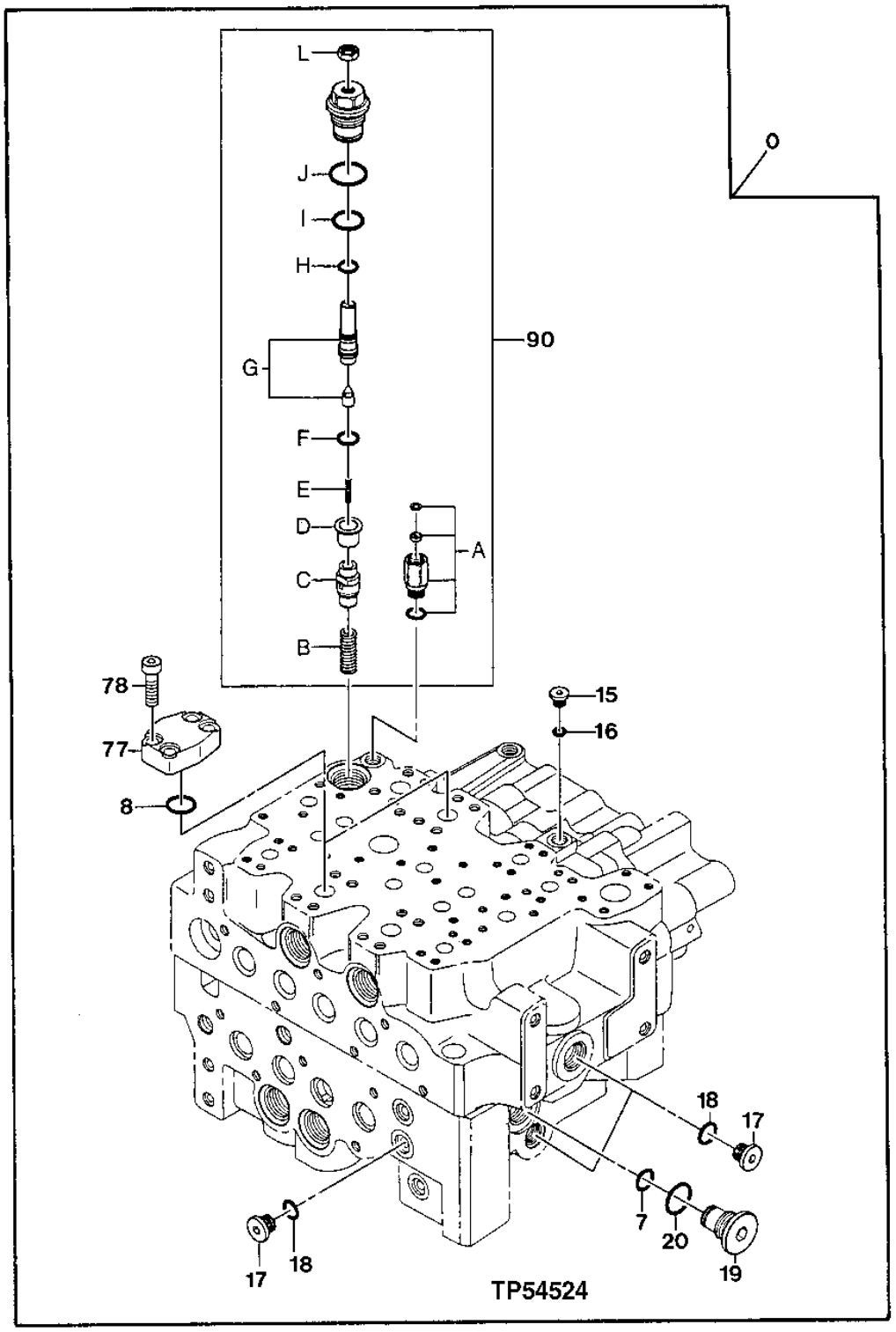


CONTROL VALVE

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4383784	HYD ACTUATED CONTROL VALVE	1		(ADDITIONAL COMPONENTS LISTED ON PREVIOUS AND FOLLOWING PAGES) (SUB FOR AT183674) (SUB FOR AP34395 OR AP35555)
9	985099	O-RING	2		20.800 X 2.400 MM (0.819" X 0.094") (SUB FOR TH101479)
16	0669503	FITTING PLUG	1		(SUB FOR AT215738)
17	4506408	O-RING	1		7.800 X 1.900 MM (0.307" X 0.075") (SUB FOR TH101490)
20	AT318035	O-RING	1		(SUB FOR 4506424, TH100055)
22	4506418	O-RING	1		(SUB FOR U46489)
29	CH10568	O-RING	1		
41	0669601	VALVE SEAT INSERT	1		(SUB FOR AT215749)
41B	0669603	CHECK VALVE	1		(SUB FOR AT215751)
41C	0669604	SPRING	1		(SUB FOR AT215752)
41D	0669605	FITTING PLUG	1		(SUB FOR AT215753)
41E	4506408	O-RING	1		7.800 X 1.900 MM (0.307" X 0.075") (SUB FOR TH101490)
46	0669606	SPRING	1		(SUB FOR AT215754)
47	0669607	BUSHING	1		(SUB FOR AT215755)
48	0669608	BACK-UP RING	2		(SUB FOR AT215756)
50	0669609	SPRING	4		(SUB FOR AT215757)
54	0669610	CHECK VALVE	4		(SUB FOR AT215758)
55	0669611	VALVE SEAT	4		(SUB FOR AT215759)
56	0669612	COVER	1		(SUB FOR AT215760)
57	0669613	SPOOL VALVE	1		(SUB FOR AT215761)
58	4336166	PIPE PLUG	1		(SUB FOR AT215763 OR 0669615)
59	0669616	WASHER	1		(SUB FOR AT215764)
60	0669617	SPRING	1		(SUB FOR AT215765)
61	0669618	FITTING PLUG	1		(SUB FOR AT215766)
62	0669619	SPOOL VALVE	1		(SUB FOR AT215767)
65	0669620	SPRING	1		(SUB FOR AT215768)
66	0669621	FITTING PLUG	1		(SUB FOR AT215769)
68	M800650	PACKING	1		
71	19M8735	SCREW	7		M8 X 30
75	0669622	WASHER	1		(SUB FOR AT215770)
83	0669623	FILTER	1		(SUB FOR AT215771)
84	0412407	SCREW	1		(SUB FOR AT154044)
88	0669624	O-RING	5		(SUB FOR AT215772)
89	0669625	BACK-UP RING	5		(SUB FOR AT215773)
90	19M8447	SCREW	6		M10 X 35

CONTROL VALVE

TP54524 -UN-27JAN97

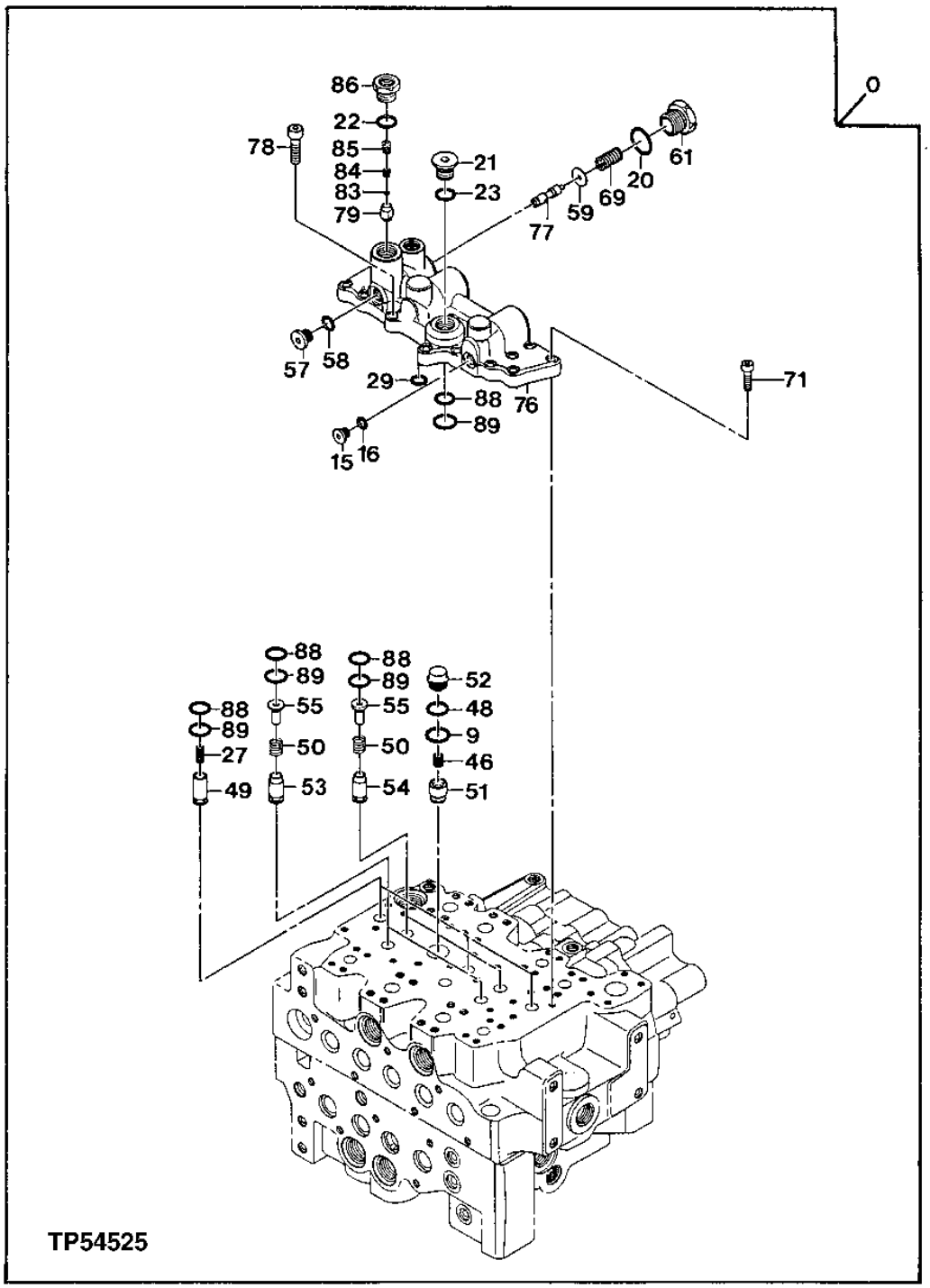


CONTROL VALVE

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4383784	HYD ACTUATED CONTROL VALVE	1		(ADDITIONAL COMPONENTS LISTED ON PREVIOUS AND FOLLOWING PAGES) (SUB FOR AT183674) (SUB FOR AP34395 OR AP35555)
7	4506416	O-RING	1		(SUB FOR AT215736)
8	0411901	O-RING	2		23.300 X 2.400 MM (0.917" X 0.094") (SUB FOR AT153977)
15	0669503	FITTING PLUG	1		(SUB FOR AT215738)
16	4506408	O-RING	1		7.800 X 1.900 MM (0.307" X 0.075") (SUB FOR TH101490)
17	0669504	FITTING PLUG	3		(SUB FOR AT215739)
18	CH11570	O-RING	3		13.800 X 2.400 MM (0.543" X 0.094")
19	0669505	FITTING PLUG	1		(SUB FOR AT215740)
20	AT318035	O-RING	1		(SUB FOR 4506424, TH100055)
77	0669701	COVER	2		(SUB FOR AT215774)
78	19M8447	SCREW	8		M10 X 35
90	4372677	VALVE	1		(SUB FOR AT215973)
90A	0669507	ADAPTER	1		(SUB FOR AT215742)
90B	0669508	SPRING	1		(SUB FOR AT215743)
90C	0669509	PISTON	1		(SUB FOR AT215744)
90D	0669510	VALVE SEAT	1		(SUB FOR AT215745)
90E	0669511	SPRING	1		(SUB FOR AT215746)
90F	CH11570	O-RING	1		13.800 X 2.400 MM (0.543" X 0.094")
90G	0669512	VALVE SEAT INSERT	1		(SUB FOR AT215747)
90H	CH10568	O-RING	1		
90I	AT264354	O-RING	1		(SUB FOR TH103574)
90J	AT264347	O-RING	1		(SUB FOR TH100136, 4506428)
90L	2046464	NUT	1		(SUB FOR TH109179 AND 0309439)

CONTROL VALVE

TP54525 -UN-05FEB97

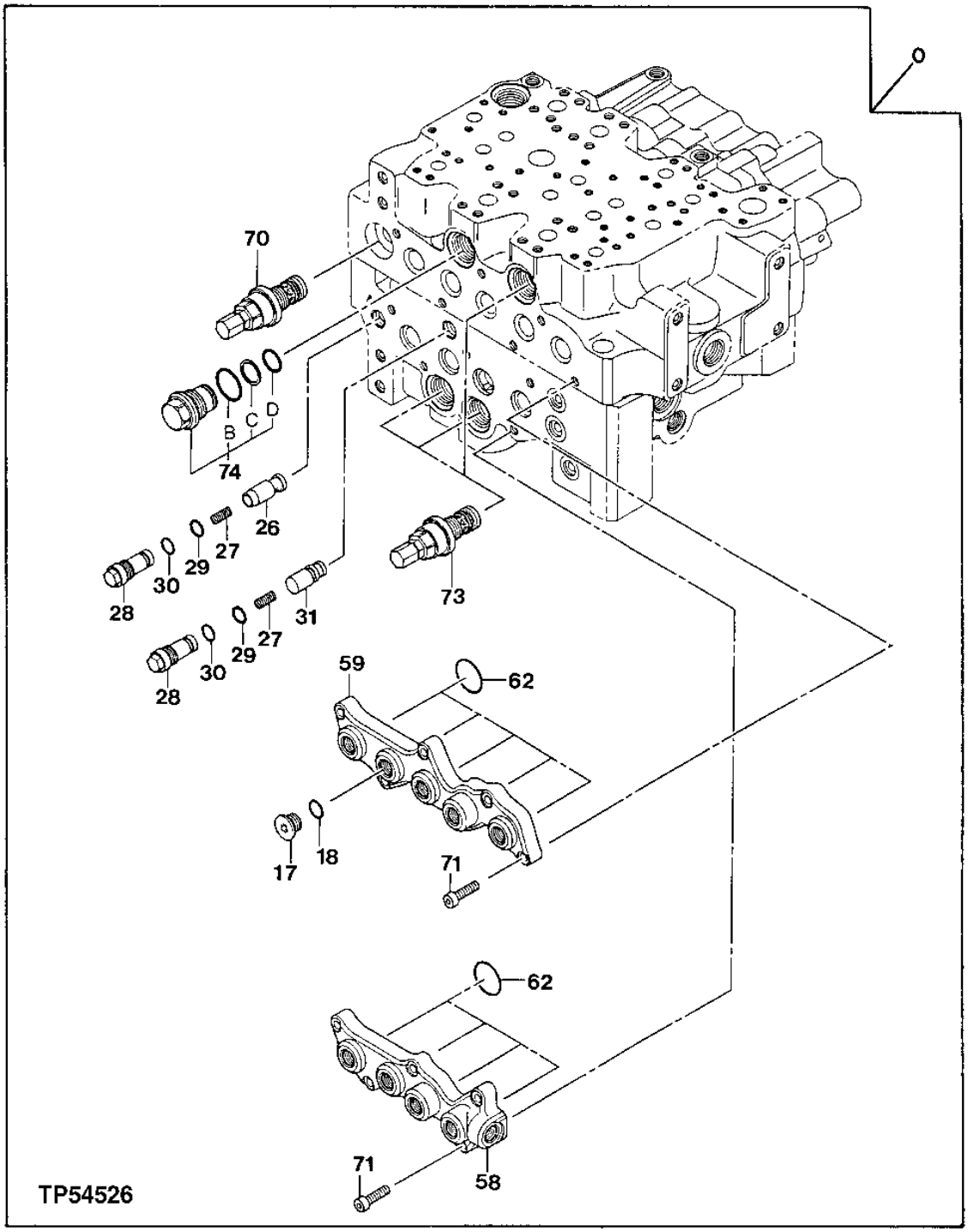


CONTROL VALVE

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4383784	HYD ACTUATED CONTROL VALVE	1		(ADDITIONAL COMPONENTS LISTED ON PREVIOUS AND FOLLOWING PAGES) (SUB FOR AT183674) (SUB FOR AP34395 OR AP35555)
9	985099	O-RING	1		20.800 X 2.400 MM (0.819" X 0.094") (SUB FOR TH101479)
15	0669503	FITTING PLUG	1		(SUB FOR AT215738)
16	4506408	O-RING	1		7.800 X 1.900 MM (0.307" X 0.075") (SUB FOR TH101490)
20	AT318035	O-RING	1		(SUB FOR 4506424, TH100055)
21	0669506	FITTING PLUG	1		(SUB FOR AT215741)
22	4506418	O-RING	1		(SUB FOR U46489)
23	4506418	O-RING	1		(SUB FOR U46489)
27	0309413	SPRING	3		(SUB FOR TH109152)
29	CH10568	O-RING	1		
46	0669606	SPRING	1		(SUB FOR AT215754)
48	0669608	BACK-UP RING	1		(SUB FOR AT215756)
49	0669801	CHECK VALVE	3		(SUB FOR AT215775)
50	0669609	SPRING	4		(SUB FOR AT215757)
51	0673601	CHECK VALVE	1		(SUB FOR AT215831)
52	0670803	PLUG	1		(SUB FOR AT215826)
53	0669804	CHECK VALVE	2		(SUB FOR AT215776)
54	0669610	CHECK VALVE	2		(SUB FOR AT215758)
55	0669611	VALVE SEAT	4		(SUB FOR AT215759)
57	4336166	PIPE PLUG	1		(SUB FOR AT215763 OR 0669615)
58	M800650	PACKING	1		
59	0669616	WASHER	1		(SUB FOR AT215764)
61	0669618	FITTING PLUG	1		(SUB FOR AT215766)
69	0669805	SPRING	1		(SUB FOR AT215777)
71	19M8735	SCREW	13		M8 X 30
76	0673602	COVER	1		(SUB FOR AT215832)
77	0669807	SPOOL VALVE	1		(SUB FOR AT215778)
78	19M8447	SCREW	5		M10 X 35
79	0669808	FLOW CONTROL HYD. VALVE	1		(SUB FOR AT215779)
83	0669623	FILTER	1		(SUB FOR AT215771)
84	0412407	SCREW	1		(SUB FOR AT154044)
85	0669805	SPRING	1		(SUB FOR AT215777)
86	0669809	ADAPTER	1		(SUB FOR AT215780)
88	0669624	O-RING	8		(SUB FOR AT215772)
89	0669625	BACK-UP RING	8		(SUB FOR AT215773)

CONTROL VALVE

TP54526 -UN-27JAN97

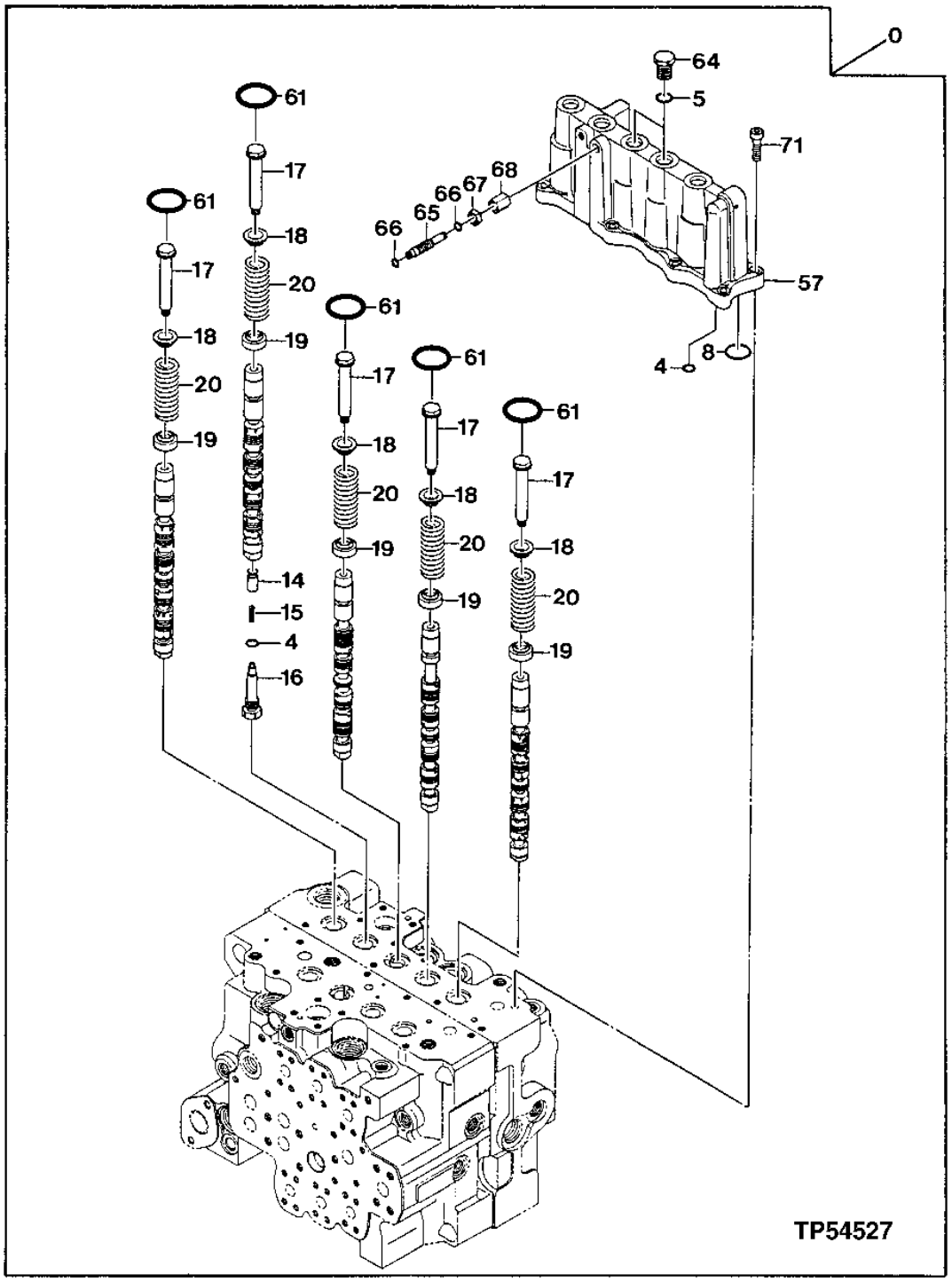


CONTROL VALVE

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4383784	HYD ACTUATED CONTROL VALVE	1		(ADDITIONAL COMPONENTS LISTED ON PREVIOUS AND FOLLOWING PAGES) (SUB FOR AT183674) (SUB FOR AP34395 OR AP35555)
17	0669504	FITTING PLUG	1		(SUB FOR AT215739)
18	CH11570	O-RING	1		13.800 X 2.400 MM (0.543" X 0.094")
26	0669901	CHECK VALVE	1		(SUB FOR AT215781)
27	0309413	SPRING	2		(SUB FOR TH109152)
28	0669902	FITTING PLUG	2		(SUB FOR AT215782)
29	CH10568	O-RING	2		
30	0309416	BACK-UP RING	2		(SUB FOR TH109155)
31	0669903	FLOW CONTROL HYD. VALVE	1		(SUB FOR AT215783)
58	0669904	HOUSING	1		(SUB FOR AT215784)
59	0669905	HOUSING	1		(SUB FOR AT215785)
62	0669906	O-RING	9		(SUB FOR AT215786)
70	4372682	PRESSURE RELIEF VALVE	1		(SUB FOR AT215976) (SYSTEM RELIEF)
71	19M8735	SCREW	11		M8 X 30
73	4372683	PRESSURE RELIEF VALVE	3		(SUB FOR AT215977) (BUCKET CURL, ARM IN, BOOM DOWN)
74	0309461	PLUG	1		(SUB FOR TH109201)
74B	AT264347	O-RING	1		(SUB FOR TH100136, 4506428)
74C	4027959	BACK-UP RING	1		(SUB FOR TH100771)
74D	CH12329	PACKING	1		

CONTROL VALVE

TP54527 -UN-27JAN97

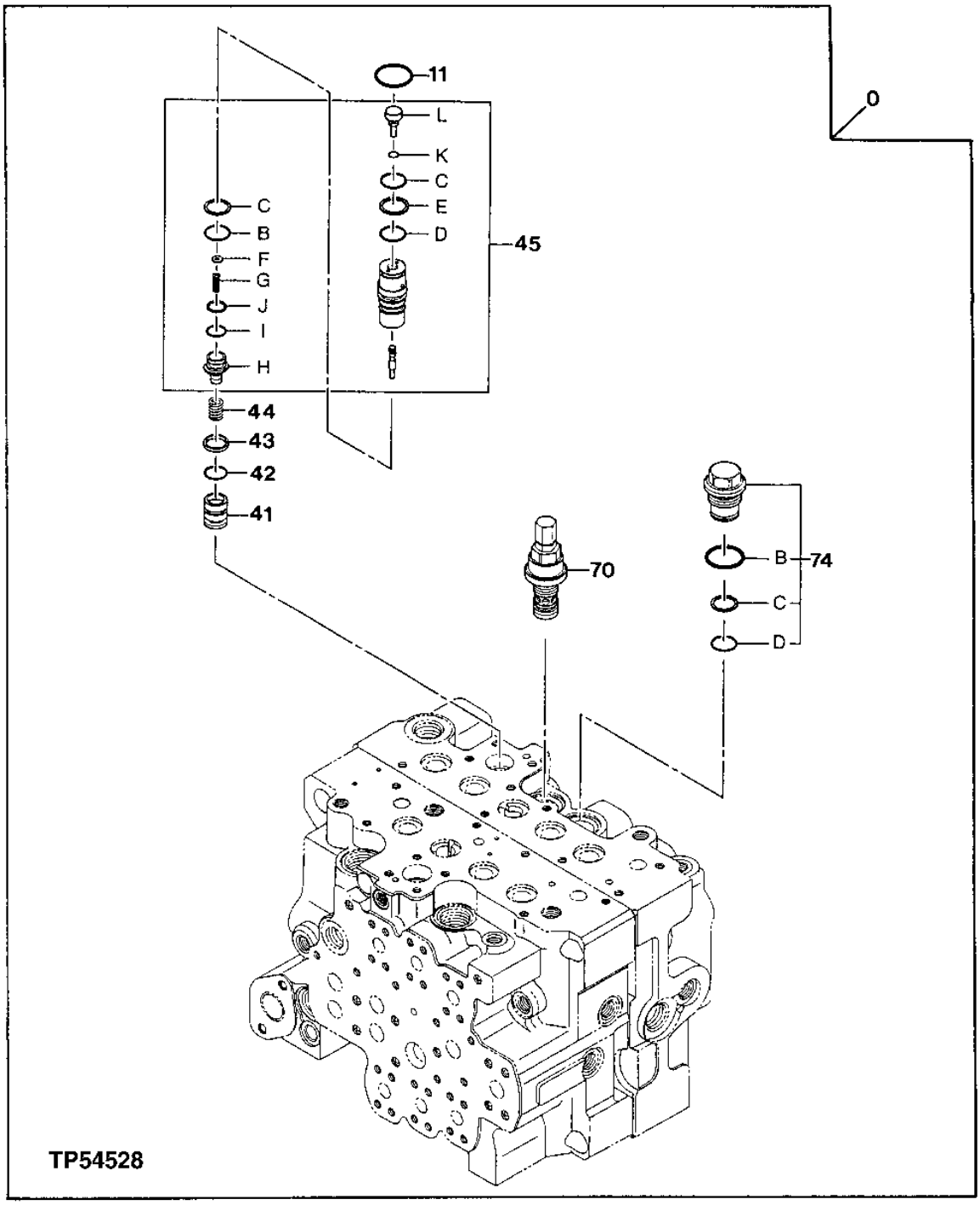


CONTROL VALVE

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4383784	HYD ACTUATED CONTROL VALVE	1		(ADDITIONAL COMPONENTS LISTED ON PREVIOUS AND FOLLOWING PAGES) (SUB FOR AT183674) (SUB FOR AP34395 OR AP35555)
4	CH17167	O-RING	2		9.800 X 1.900 MM (0.386" X 0.075")
5	CH11570	O-RING	2		13.800 X 2.400 MM (0.543" X 0.094")
8	0411901	O-RING	1		23.300 X 2.400 MM (0.917" X 0.094") (SUB FOR AT153977)
14	0412015	VALVE	1		(SUB FOR AT154006)
15	0412016	SPRING	1		(SUB FOR AT154007)
16	0670001	FITTING PLUG	1		(SUB FOR AT215787)
17	0670002	SCREW	5		(SUB FOR AT215788)
18	0670003	VALVE SEAT	5		(SUB FOR AT215789)
19	0670004	VALVE SEAT	5		(SUB FOR AT215790)
20	0670005	SPRING	5		(SUB FOR AT215791)
57	0670006	HOUSING	1		(SUB FOR AT215792)
61	0411803	O-RING	5		35.200 X 2.400 MM (1.386" X 0.094") (SUB FOR AT153963)
64	0332914	DRAIN PLUG	2		(SUB FOR TH110315)
65	0670007	PIPE	1		(SUB FOR AT215793)
66	4506405	O-RING	2		4.800 X 1.900 MM (0.189" X 0.075") (SUB FOR TH102655)
67	0670008	NUT	1		(SUB FOR AT215794)
68	0670009	NUT	1		(SUB FOR AT215795)
71	19M8735	SCREW	10		M8 X 30

CONTROL VALVE

TP54528 -UN-27JAN97

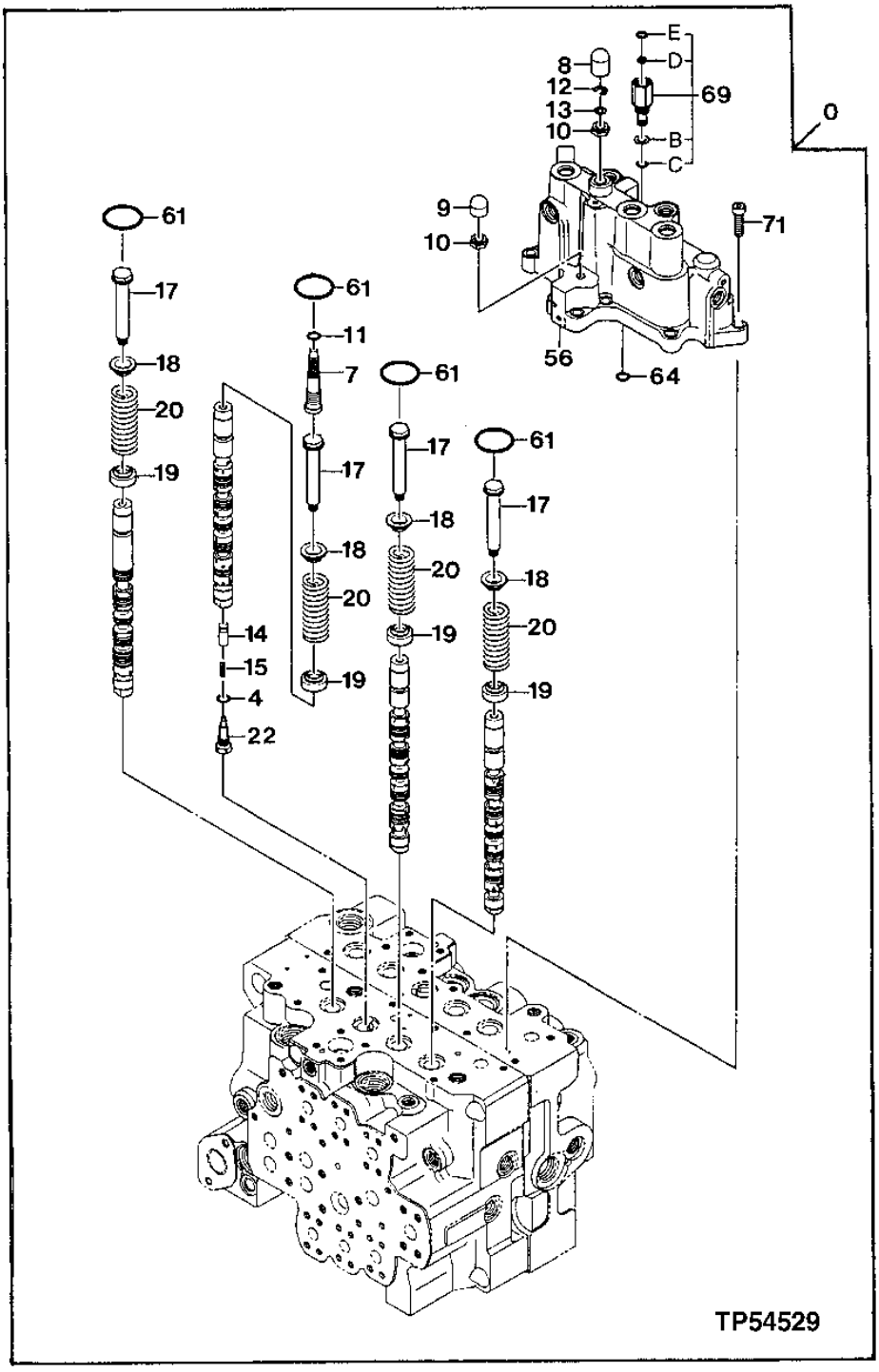


CONTROL VALVE

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4383784	HYD ACTUATED CONTROL VALVE	1		(ADDITIONAL COMPONENTS LISTED ON PREVIOUS AND FOLLOWING PAGES) (SUB FOR AT183674) (SUB FOR AP34395 OR AP35555)
11	0309402	O-RING	1		29.700 X 2.400 MM (1.169" X 0.094") (SUB FOR TH109141)
41	0670101	VALVE	1		(SUB FOR AT215796)
42	4153098	O-RING	1		17.800 X 2.400 MM (0.701" X 0.094") (SUB FOR TH109041)
43	0412211	BACK-UP RING	1		(SUB FOR AT154025)
44	0412212	SPRING	1		(SUB FOR AT154026)
45	4372679	HOUSING	1		(SUB FOR AT215975)
45B	0670103	BACK-UP RING	1		(SUB FOR AT215798)
45C	CH12329	PACKING	2		
45D	AT264354	O-RING	1		(SUB FOR TH103574)
45E	0670104	BACK-UP RING	1		(SUB FOR AT215799)
45F	0670105	WASHER	1		(SUB FOR AT215800)
45G	0670106	SPRING	1		(SUB FOR AT215801)
45H	0670107	FITTING PLUG	1		(SUB FOR AT215802)
45I	CH11570	O-RING	1		13.800 X 2.400 MM (0.543" X 0.094")
45J	4297661	BACK-UP RING	1		(SUB FOR AT215881)
45K	4506405	O-RING	1		4.800 X 1.900 MM (0.189" X 0.075") (SUB FOR TH102655)
45L	0670108	STOP	1		(SUB FOR AT215803)
70	4372684	PRESSURE RELIEF VALVE	1		(SUB FOR AT215978) (ARM OUT)
74	0309461	PLUG	1		(SUB FOR TH109201)
74B	AT264347	O-RING	1		(SUB FOR TH100136, 4506428)
74C	4027959	BACK-UP RING	1		(SUB FOR TH100771)
74D	CH12329	PACKING	1		

CONTROL VALVE

TP54529 -UN-27JAN97

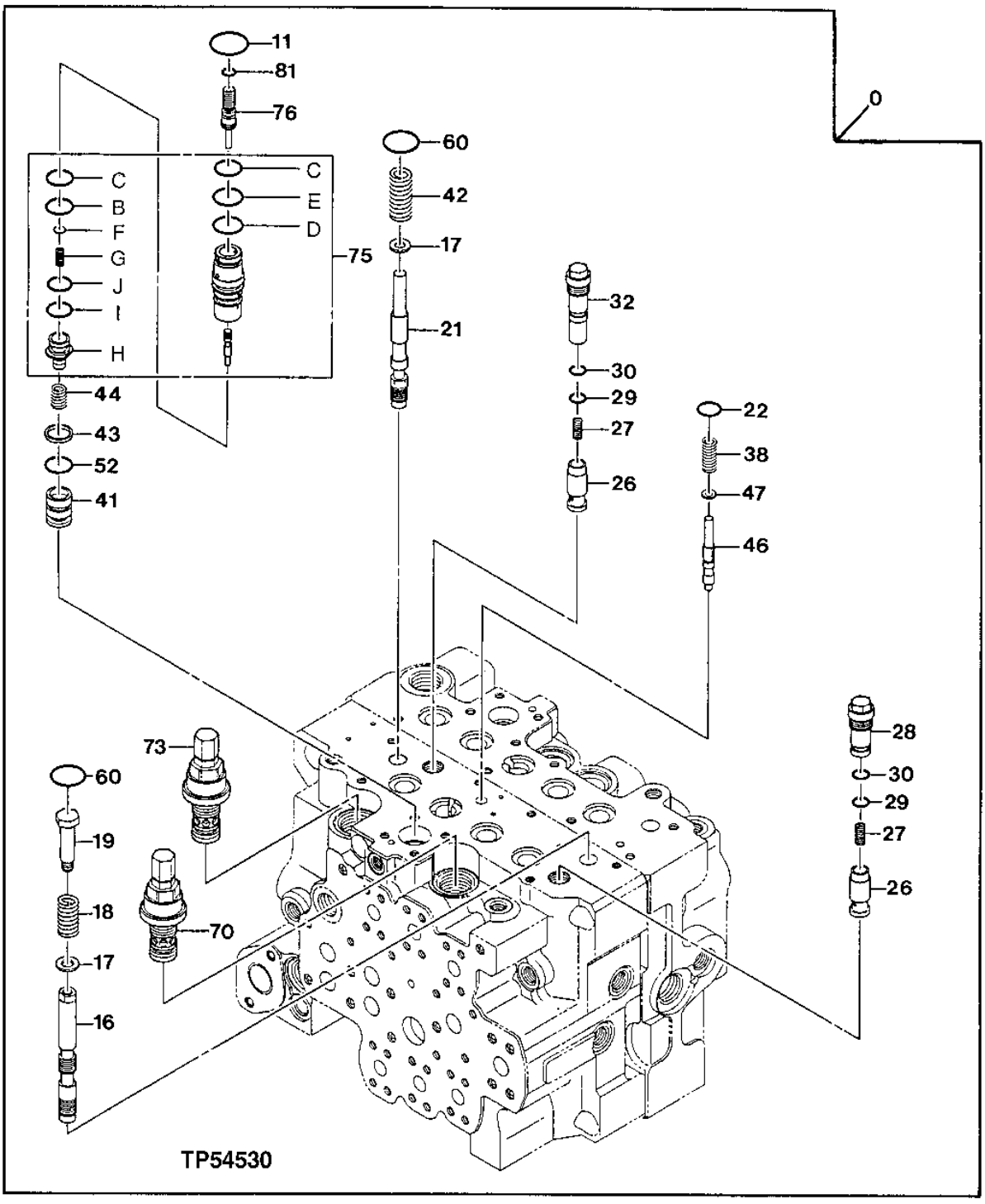


CONTROL VALVE

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4383784	HYD ACTUATED CONTROL VALVE	1		(ADDITIONAL COMPONENTS LISTED ON PREVIOUS AND FOLLOWING PAGES) (SUB FOR AT183674) (SUB FOR AP34395 OR AP35555)
4	CH17167	O-RING	1		9.800 X 1.900 MM (0.386" X 0.075")
7	0670206	SCREW	1		(SUB FOR AT215809)
8	0670207	CAP	1		(SUB FOR AT215810)
9	0412204	CAP	1		(SUB FOR AT154019)
10	0412202	NUT	2		(SUB FOR AT154017)
11	CH11569	PACKING	1		
12	CH11490	RING	1		
13	0670208	WASHER	1		(SUB FOR AT215811)
14	0412015	VALVE	1		(SUB FOR AT154006)
15	0412016	SPRING	1		(SUB FOR AT154007)
17	0670002	SCREW	4		(SUB FOR AT215788)
18	0670003	VALVE SEAT	4		(SUB FOR AT215789)
19	0670004	VALVE SEAT	4		(SUB FOR AT215790)
20	0670005	SPRING	4		(SUB FOR AT215791)
22	0670201	FITTING PLUG	1		(SUB FOR AT215804)
56	0670202	HOUSING	1		(SUB FOR AT215805)
61	0411803	O-RING	4		35.200 X 2.400 MM (1.386" X 0.094") (SUB FOR AT153963)
64	CH11568	PACKING	1		
69	0670203	ADAPTER	1		(SUB FOR AT215806)
69B	M800650	PACKING	1		
69C	CH11568	PACKING	1		
69D	0670205	FILTER	1		(SUB FOR AT215808)
69E	0214223	SNAP RING	1		(SUB FOR TH100791)
71	19M8735	SCREW	10		M8 X 30

CONTROL VALVE

TP54530 -UN-27JAN97

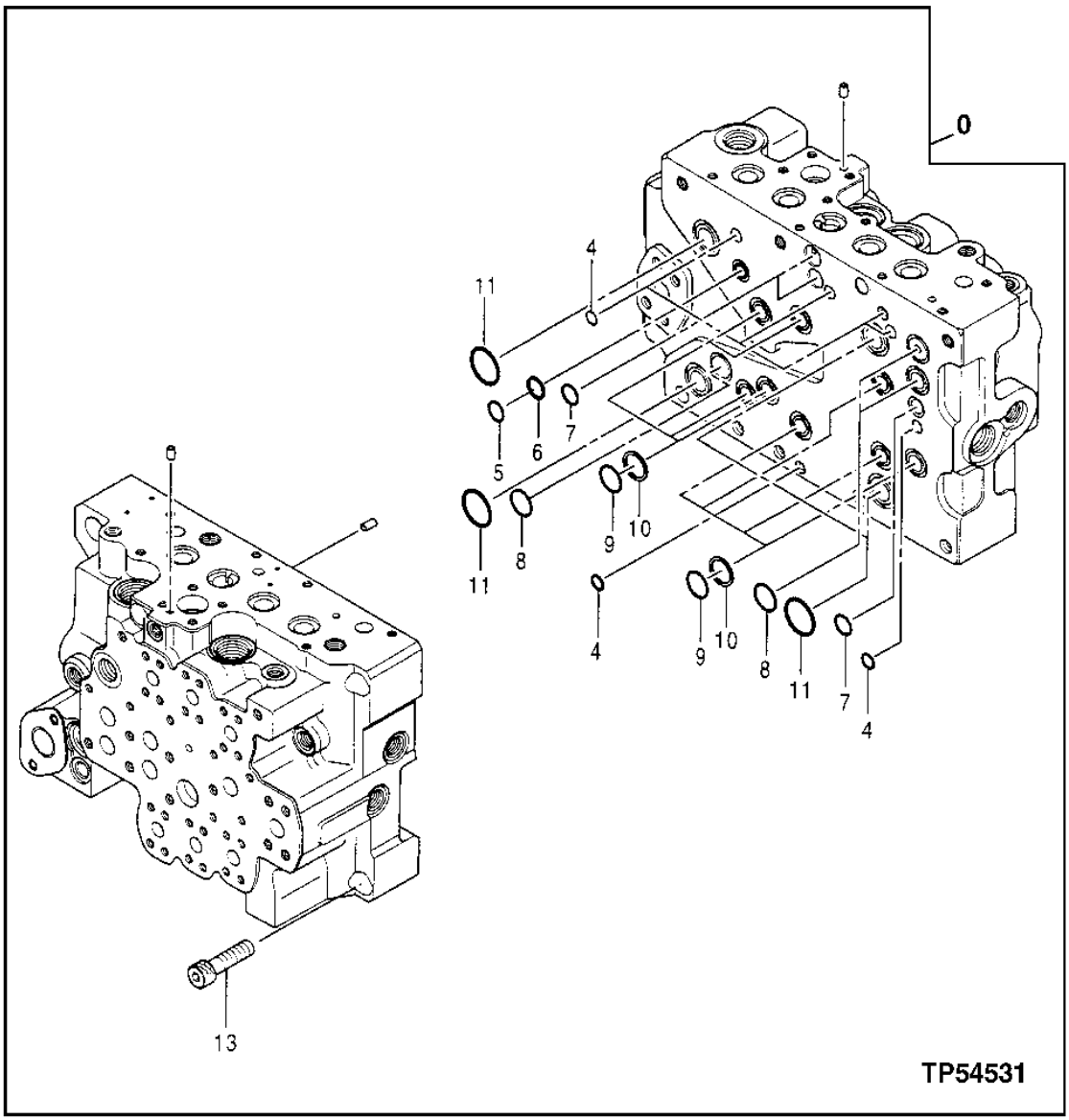


CONTROL VALVE

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4383784	HYD ACTUATED CONTROL VALVE	1		(ADDITIONAL COMPONENTS LISTED ON PREVIOUS AND FOLLOWING PAGES) (SUB FOR AT183674) (SUB FOR AP34395 OR AP35555)
11	0309402	O-RING	1		29.700 X 2.400 MM (1.169" X 0.094") (SUB FOR TH109141)
16	0670302	SPOOL VALVE	1		(SUB FOR AT215813)
17	0670303	WASHER	2		(SUB FOR AT215814)
18	0670304	SPRING	1		(SUB FOR AT215815)
19	0670305	SCREW	1		(SUB FOR AT215816)
21	0670306	SPOOL VALVE	1		(SUB FOR AT215817)
22	4506418	O-RING	1		(SUB FOR U46489)
26	0669901	CHECK VALVE	2		(SUB FOR AT215781)
27	0309413	SPRING	2		(SUB FOR TH109152)
28	0669902	FITTING PLUG	1		(SUB FOR AT215782)
29	CH10568	O-RING	2		
30	0309416	BACK-UP RING	2		(SUB FOR TH109155)
32	0670301	FITTING PLUG	1		(SUB FOR AT215812)
38	0670310	SPRING	1		(SUB FOR AT215821)
41	0670101	VALVE	1		(SUB FOR AT215796)
42	0670307	SPRING	1		(SUB FOR AT215818)
43	0412211	BACK-UP RING	1		(SUB FOR AT154025)
44	0412212	SPRING	1		(SUB FOR AT154026)
46	0670308	SPOOL VALVE	1		(SUB FOR AT215819)
47	0670309	WASHER	1		(SUB FOR AT215820)
52	4153098	O-RING	1		17.800 X 2.400 MM (0.701" X 0.094") (SUB FOR TH109041)
60	0393902	O-RING	2		(SUB FOR AT215662)
70	4372684	PRESSURE RELIEF VALVE	1		(SUB FOR AT215978) (BUCKET DUMP)
73	4372683	PRESSURE RELIEF VALVE	1		(SUB FOR AT215977) (BOOM UP)
75	4372678	HOUSING	1		(SUB FOR AT215974)
75B	0670103	BACK-UP RING	1		(SUB FOR AT215798)
75C	CH12329	PACKING	2		
75D	AT264354	O-RING	1		(SUB FOR TH103574)
75E	0670104	BACK-UP RING	1		(SUB FOR AT215799)
75F	0670105	WASHER	1		(SUB FOR AT215800)
75G	0670106	SPRING	1		(SUB FOR AT215801)
75H	0670107	FITTING PLUG	1		(SUB FOR AT215802)
75I	CH11570	O-RING	1		13.800 X 2.400 MM (0.543" X 0.094")
75J	4297661	BACK-UP RING	1		(SUB FOR AT215881)
76	0670312	SCREW	1		(SUB FOR AT215823)
81	CH11569	PACKING	1		

CONTROL VALVE

TP54531 -UN-22JAN97

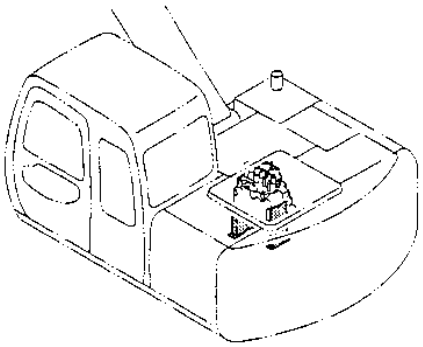


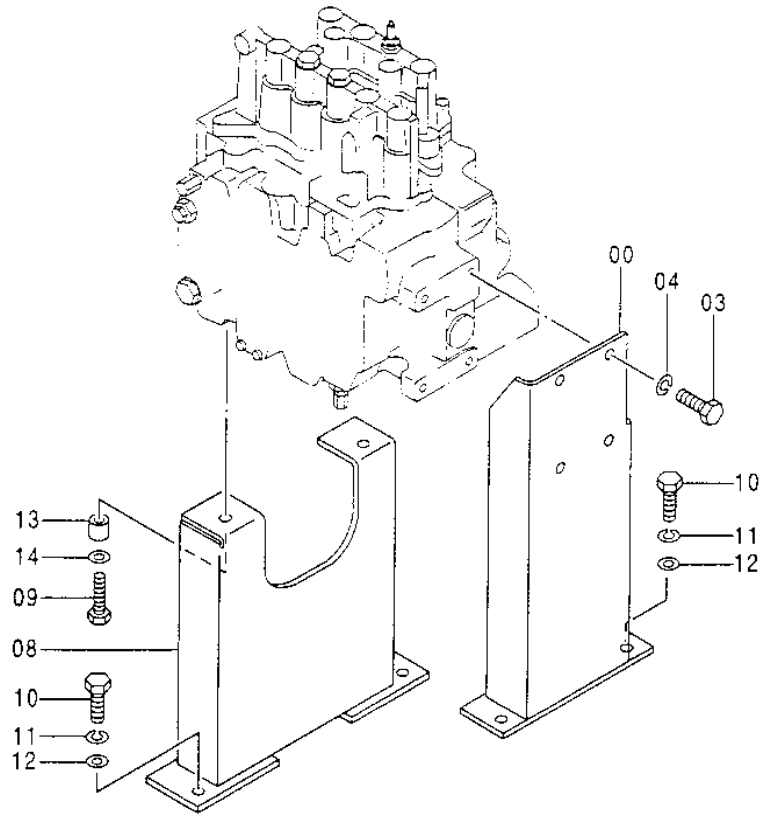
CONTROL VALVE

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4383784	HYD ACTUATED CONTROL VALVE	1		(ADDITIONAL COMPONENTS LISTED ON PREVIOUS PAGES) (SUB FOR AT183674) (SUB FOR AP34395 OR AP35555)
4	CH17167	O-RING	6		9.800 X 1.900 MM (0.386" X 0.075")
5	CH11570	O-RING	1		13.800 X 2.400 MM (0.543" X 0.094")
6	0309403	BACK-UP RING	1		(SUB FOR TH109142)
7	4506416	O-RING	3		(SUB FOR AT215736)
8	0411901	O-RING	3		23.300 X 2.400 MM (0.917" X 0.094") (SUB FOR AT153977)
9	985099	O-RING	8		20.800 X 2.400 MM (0.819" X 0.094") (SUB FOR TH101479)
10	0309401	BACK-UP RING	8		(SUB FOR TH109140)
11	0309402	O-RING	4		29.700 X 2.400 MM (1.169" X 0.094") (SUB FOR TH109141)
13	19M8712	SCREW	9		M14 X 50

CONTROL VALVE SUPPORT

TP54463 -UN-05DEC96





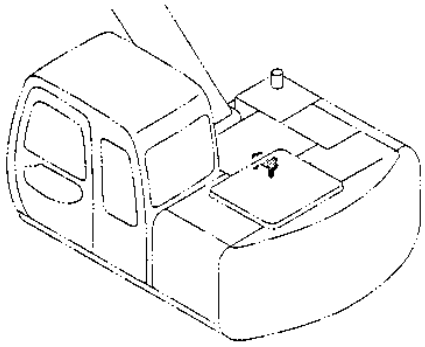
TP54463

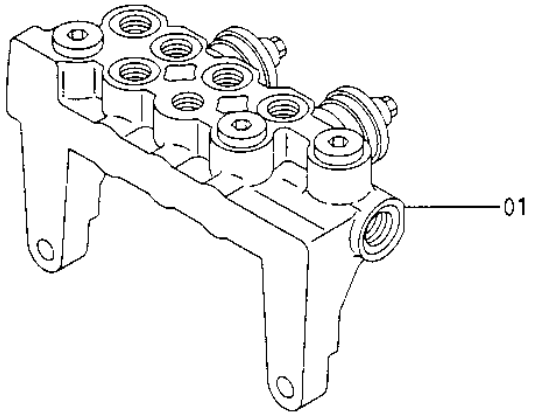
CONTROL VALVE SUPPORT

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	8060298	BRACKET	1		(SUB FOR AP33418)
3	19M7877	CAP SCREW	4		M14 X 30
4	12H317	LOCK WASHER	4		14.288 MM (9/16")
8	8062860	BRACKET	1		(SUB FOR AP33419)
9	P61969	BOLT	2		
10	19M7488	CAP SCREW	4		M16 X 40
11	12H294	LOCK WASHER	4		15.875 MM (5/8")
12	24M7053	WASHER	4		17 X 30 X 3 MM (0.669" X 1.181" X 0.118")
13	P61827	SPACER	2		
14	J222014	WASHER	2		(SUB FOR AT200011)

SOLENOID VALVE

TP54462 -UN-05DEC96





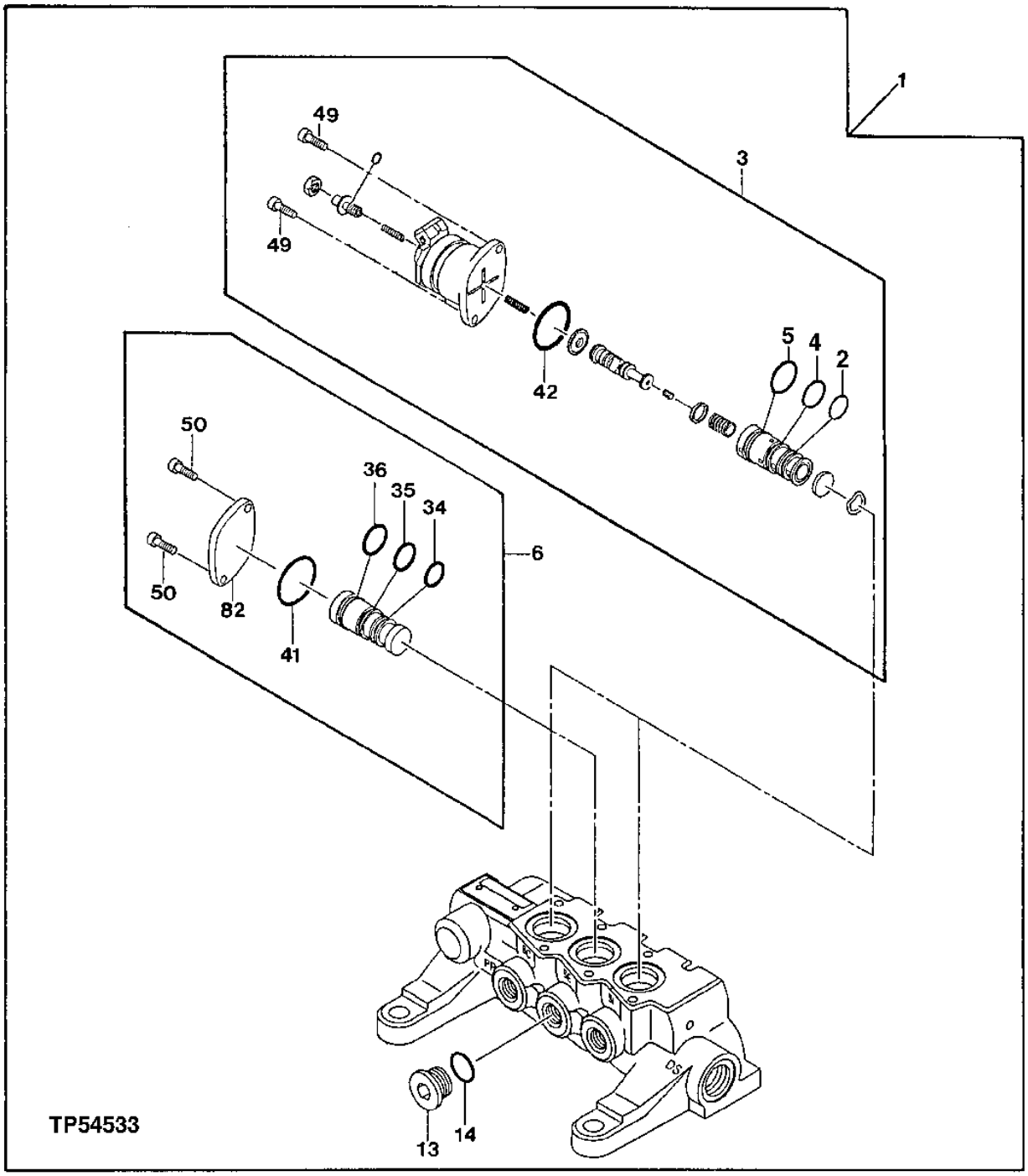
TP54462

SOLENOID VALVE

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	4371946	SOLENOID VALVE	1		(WITH ANTI-RUST PROTECTION) (SUB FOR AP33488) (SUB FOR AP35558)
	AT192245	SOLENOID HYDRAULIC VALVE	1		(AUXILIARY SOLENOID) (ALSO ORDER (2) AT167165)

SOLENOID VALVE

TP54533 -UN-27JAN97

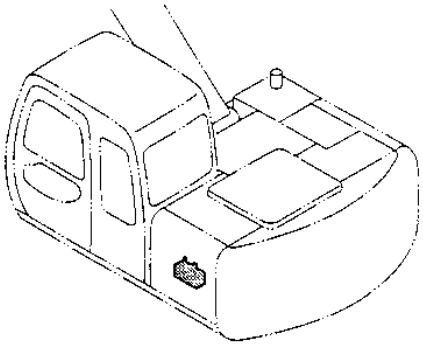


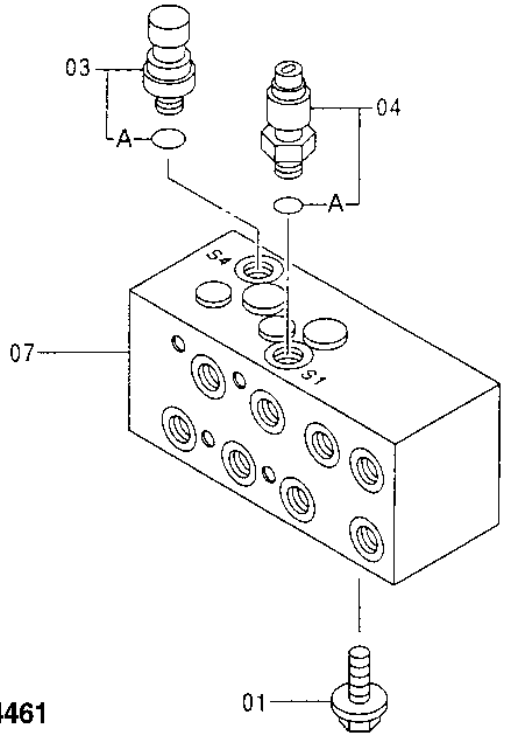
SOLENOID VALVE

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	4371946	SOLENOID VALVE	1		(WITH ANTI-RUST PREVENTION) (SUB FOR AP33488) (SUB FOR AP35558)
2	4185600	O-RING	1		(SUB FOR AT153902)
3	0671301	FLOW CONTROL HYD. VALVE	2		(SUB FOR AT182233) (SUB FOR AT215827)
4	R99052	O-RING	1		14.800 X 1.900 MM (0.583" X 0.075")
5	0408411	O-RING	1		16.800 X 1.900 MM (0.661" X 0.075") (SUB FOR AT153904)
6	0671302	SLEEVE	1		(SUB FOR AT215828)
13	3097791	PLUG	1		(SUB FOR AT215830 OR 0671304)
14	M800650	PACKING	1		
34	4185600	O-RING	1		(SUB FOR AT153902) (SUB FOR AT153902)
35	R99052	O-RING	1		14.800 X 1.900 MM (0.583" X 0.075")
36	0408411	O-RING	1		16.800 X 1.900 MM (0.661" X 0.075") (SUB FOR AT153904)
41	0670802	O-RING	1		(SUB FOR AT215825)
42	0670802	O-RING	1		(SUB FOR AT215825)
49	0387804	SCREW	2		(SUB FOR AT215661)
50	0387804	SCREW	2		(SUB FOR AT215661)
82	0671303	COVER	1		(SUB FOR AT215829)

SHOCKLESS VALVE

TP54461 -UN-05DEC96





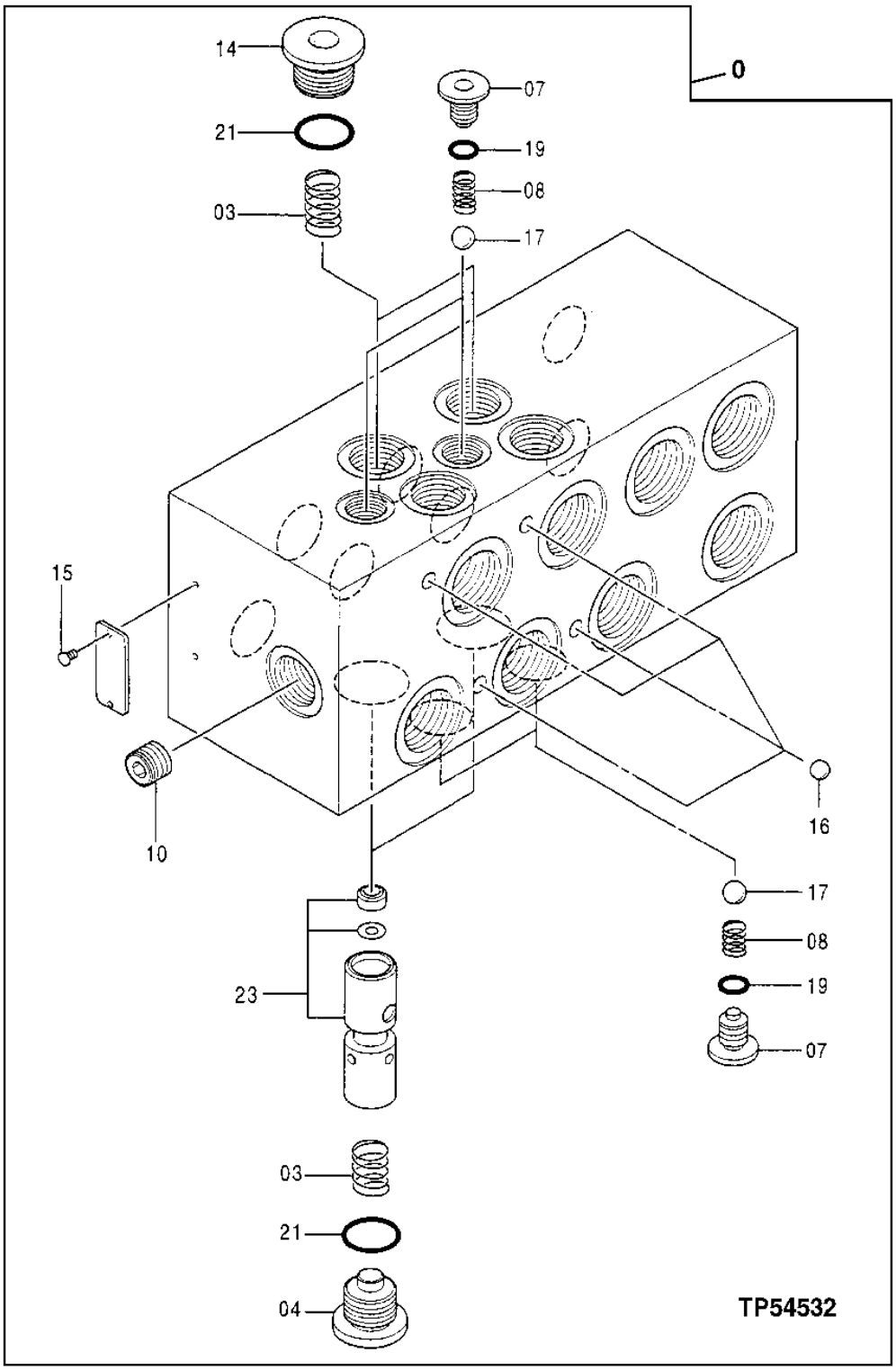
TP54461

SHOCKLESS VALVE

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	19M7402	CAP SCREW	2		M10 X 25
	12M7066	LOCK WASHER	2		10 MM (0.394")
	24M7028	WASHER	2		10.500 X 20 X 2 MM (0.413" X 0.787" X 0.079")
3	4332040	SENSOR	1		(SUB FOR AT213840) (ARM IN PRESSURE)
3A	M800650	PACKING	1		
4	4333040	SWITCH	1		(SUB FOR AP33668) (SUB FOR AT213846) (BOOM UP PRESSURE)
4A	M800650	PACKING	1		
7	4367131	HYD ACTUATED CONTROL VALVE	1		(FLOW CONTROL) (SUB FOR AP34033)
	4371949	HYD ACTUATED CONTROL VALVE	1		(FLOW CONTROL) (WITH ANTI-RUST PREVENTION) (SUB FOR AP34033, THIS APPLICATION) (SUB FOR AP35561)

FLOW CONTROL VALVE

TP54532 -UN-22JAN97

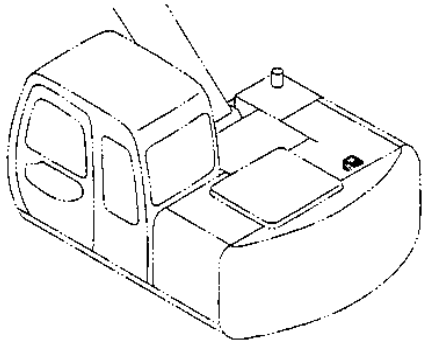


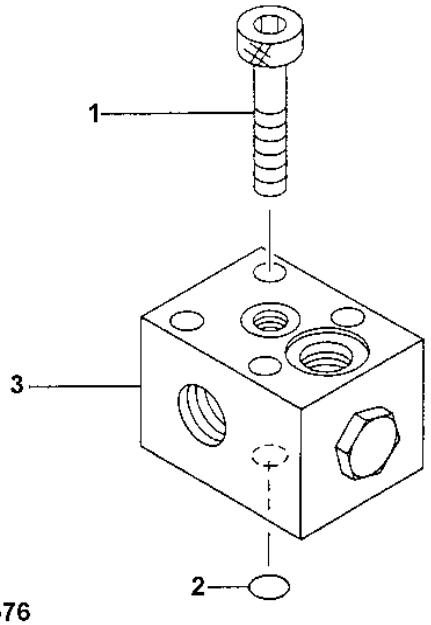
FLOW CONTROL VALVE

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4367131	HYD ACTUATED CONTROL VALVE	1		(FLOW CONTROL) (SUB FOR AP34033)
	4371949	HYD ACTUATED CONTROL VALVE	1		(FLOW CONTROL) (WITH ANTI-RUST PREVENTION) (SUB FOR AP34033, THIS APPLICATION) (SUB FOR AP35561)
3	0309801	SPRING	4		(SUB FOR TH109280)
4	0309802	PIPE PLUG	2		(SUB FOR TH109281)
7	0614204	FITTING PLUG	4		(SUB FOR AT204861)
8	0614207	COMPRESSION SPRING	4		(SUB FOR AT204788)
10	0669201	ORIFICE	1		(SUB FOR AT213708)
14	15M7036	DRAIN PLUG	2		(SUB FOR TH109285 OR 0309805)
15	0208717	SCREW	2		(SUB FOR TH102697)
16	L38718	BALL	4		6 MM (0.236")
17	0614208	BALL	4		(SUB FOR AT204789)
19	4506408	O-RING	4		7.800 X 1.900 MM (0.307" X 0.075") (SUB FOR TH101490)
21	CH11570	O-RING	4		13.800 X 2.400 MM (0.543" X 0.094")
23	0352401	PLUNGER	2		(SUB FOR AT132273)

RELIEF VALVE

TP54576 -UN-05FEB97





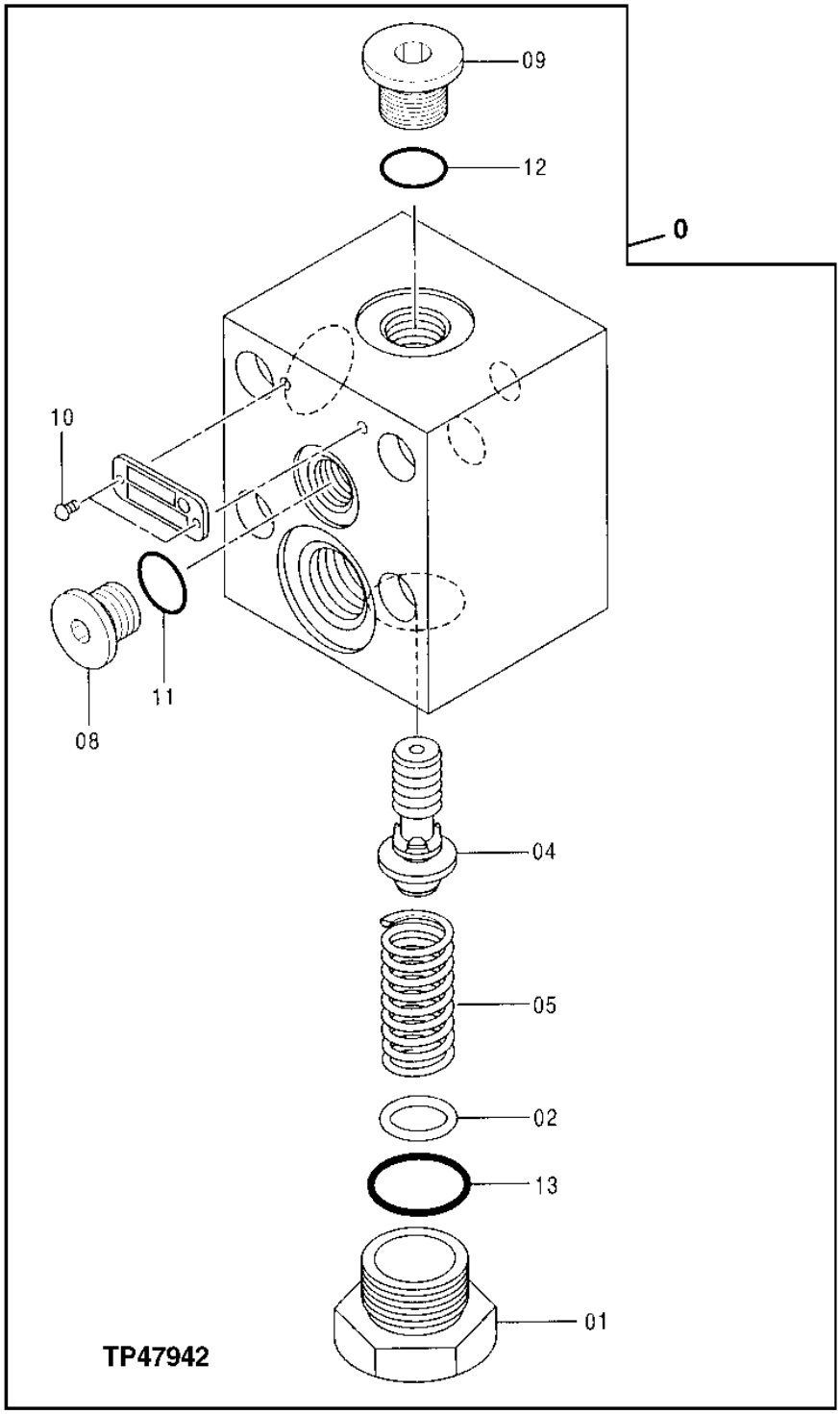
TP54576

RELIEF VALVE

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AT213613	SCREW	4		
2	4506416	O-RING	1		15.800 X 2.400 MM (0.622" X 0.094") (SUB FOR TH102561)
3	4351142	RELIEF VALVE	1		(SUB FOR AT213955) (SEE SEPARATE PAGE FOR DETAIL)

RELIEF VALVE

TP47942 -UN-22MAY96

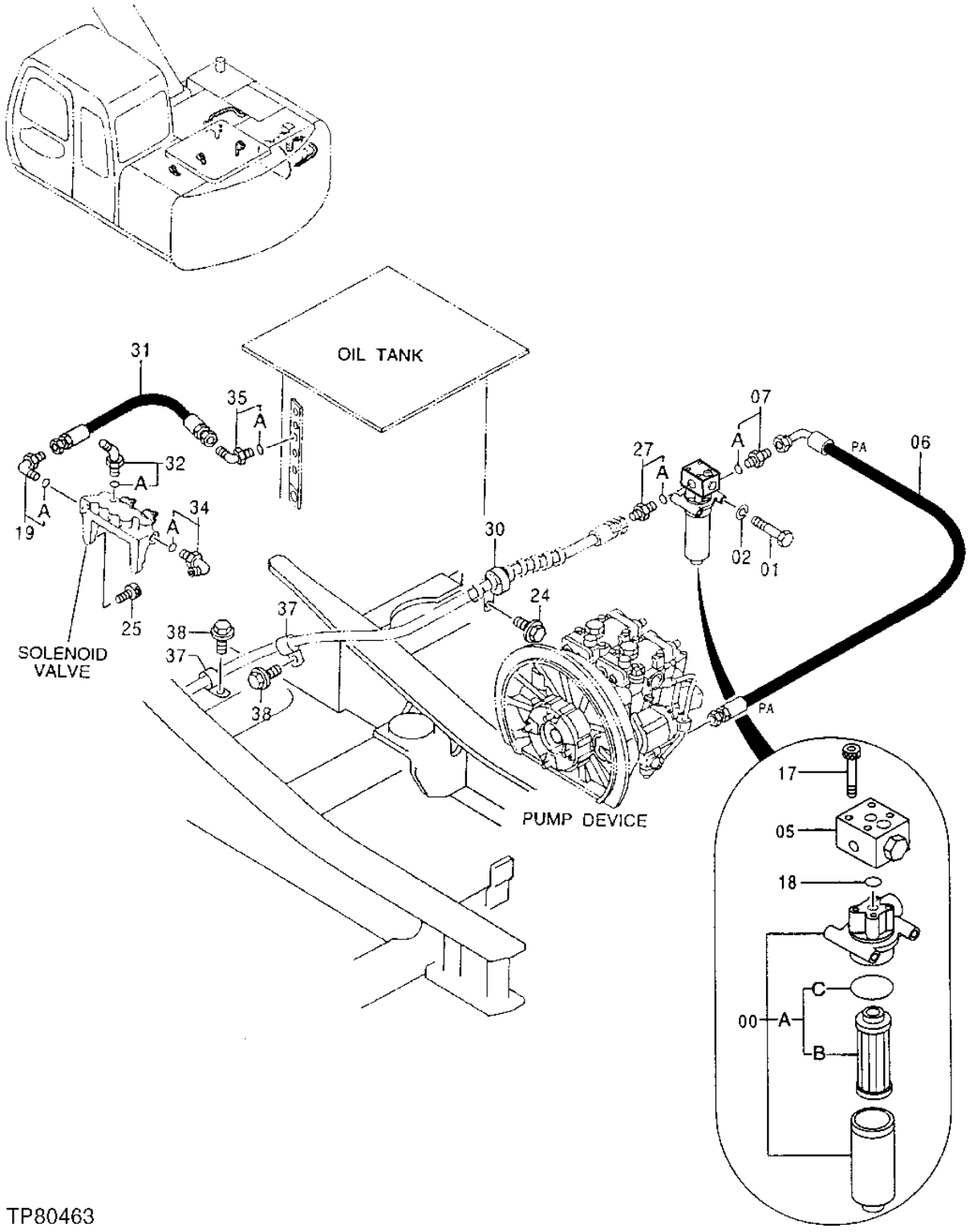


RELIEF VALVE

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4351142	RELIEF VALVE	1		(SUB FOR AT213955)
1	0333803	PIPE PLUG	1		(SUB FOR TH110207)
2	0349402	SHIM	1		(SUB FOR AT213628)
4	0670502	POPPET	1		(SUB FOR AT213709)
5	0670503	COMPRESSION SPRING	1		(SUB FOR AT213710)
8	TH0314205	PIPE PLUG	1		(SUB FOR AT120949)
9	15M7036	DRAIN PLUG	1		(SUB FOR TH109285 OR 0309805)
10	0208717	SCREW	2		(SUB FOR TH102697)
11	M800650	PACKING	1		
12	CH11570	O-RING	1		13.800 X 2.400 MM (0.543" X 0.094")
13	AT318035	O-RING	1		(SUB FOR 4506424, TH100055)

PILOT PIPINGS

TP80463 -UN-24FEB00



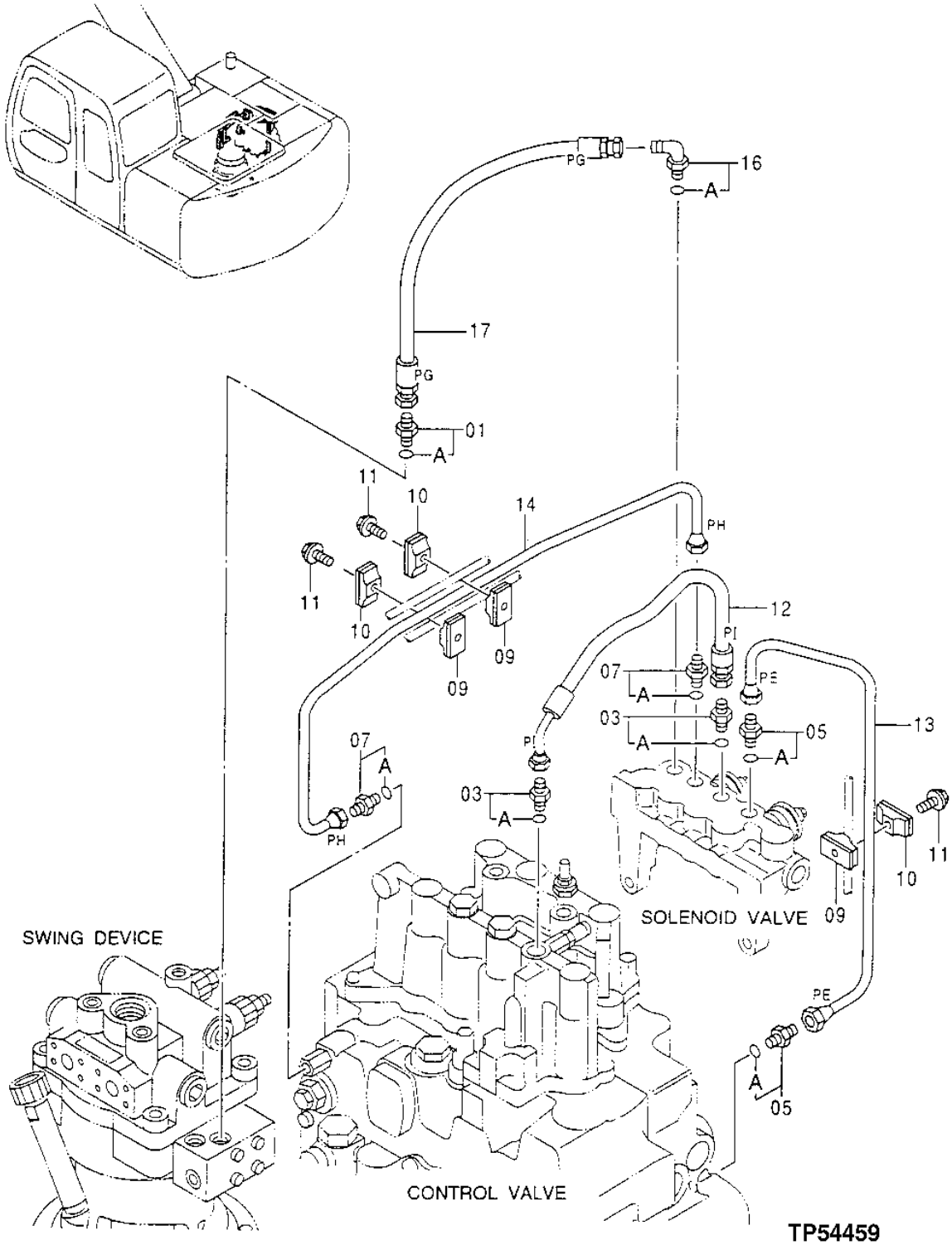
TP80463

PILOT PIPINGS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4330227	FILTER HEAD	1		(SUB FOR AT213834)
0A	AT186554	FILTER ELEMENT	1		(SUB FOR AT214263)
0B	.....	FILTER	1		
0C	TH105683	O-RING	1		59.400 X 3.100 MM (2.339" X 0.122")
1	19M8343	CAP SCREW	2		M10 X 120
2	12M7066	LOCK WASHER	2		10 MM (0.394")
5	4351142	RELIEF VALVE	1		(SUB FOR AT213955)
6	P64273	HYDRAULIC HOSE - FABRICATE	1		
7	4154672	ELBOW FITTING	1		(SUB FOR TH101008)
7A	4506418	O-RING	1		(SUB FOR U46489)
17	AT213613	SCREW	4		
18	4506416	O-RING	1		15.800 X 2.400 MM (0.622" X 0.094") (SUB FOR TH102561)
19	4154671	ELBOW FITTING	1		(SUB FOR TH101047)
19A	CH11570	O-RING	1		13.800 X 2.400 MM (0.543" X 0.094")
24	19M7938	CAP SCREW	1		M10 X 20
	12M7066	LOCK WASHER	1		10 MM (0.394")
25	J781030	SCREW	2		(SUB FOR AT213614)
27	4200469	ADAPTER	1		(SUB FOR TH108400)
27A	4506418	O-RING	1		(SUB FOR U46489)
30	4192034	CLIP	1		(SUB FOR TH109445)
31	P61632	HYDRAULIC HOSE - FABRICATE	1		
32	4200472	ELBOW FITTING	1		(SUB FOR TH111301)
32A	M800650	PACKING	1		
34	4154671	ELBOW FITTING	1		(SUB FOR TH101047)
34A	CH11570	O-RING	1		13.800 X 2.400 MM (0.543" X 0.094")
35	4154671	ELBOW FITTING	1		(SUB FOR TH101047)
35A	CH11570	O-RING	1		13.800 X 2.400 MM (0.543" X 0.094")
37	4190253	CLIP	2		(SUB FOR TH108597)
38	19M7938	CAP SCREW	2		M10 X 20
	12M7066	LOCK WASHER	2		10 MM (0.394")

PILOT PIPINGS

TP54459 -UN-05DEC96

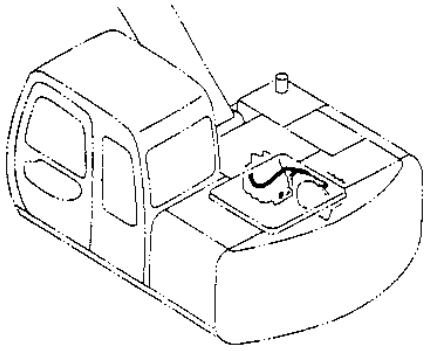


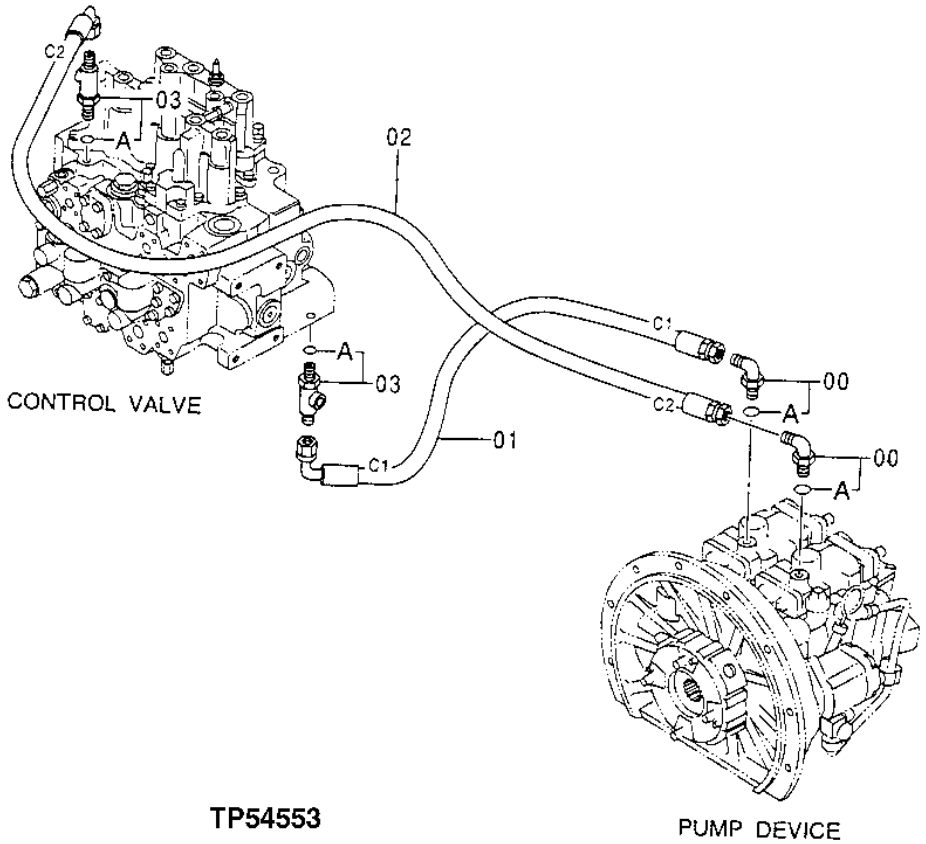
PILOT PIPINGS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	4200465	ADAPTER	1		(SUB FOR TH108328)
1A	M800650	PACKING	1		
3	4200465	ADAPTER	2		(SUB FOR TH108328)
3A	M800650	PACKING	1		
5	4255304	ADAPTER	2		(SUB FOR AT155270)
5A	M800650	PACKING	1		
7	4255304	ADAPTER	2		(SUB FOR AT155270)
7A	M800650	PACKING	1		
9	9735305	CLAMP	3		(SUB FOR AP33637)
10	9735306	CLAMP	3		(SUB FOR AP33638)
11	12M7056	LOCK WASHER	3		8 MM (0.315") (SUB FOR 12M7065)
	19M7407	CAP SCREW	3		M8 X 25
12	P63337	HYDRAULIC HOSE - FABRICATE	1		
13	P61624	PIPE	1		
14	P61625	PIPE	1		
16	4154670	ELBOW FITTING	1		(SUB FOR TH100951)
16A	M800650	PACKING	1		
17	P61637	HYDRAULIC HOSE - FABRICATE	1		

PILOT PIPINGS

TP54553 -UN-23JAN97



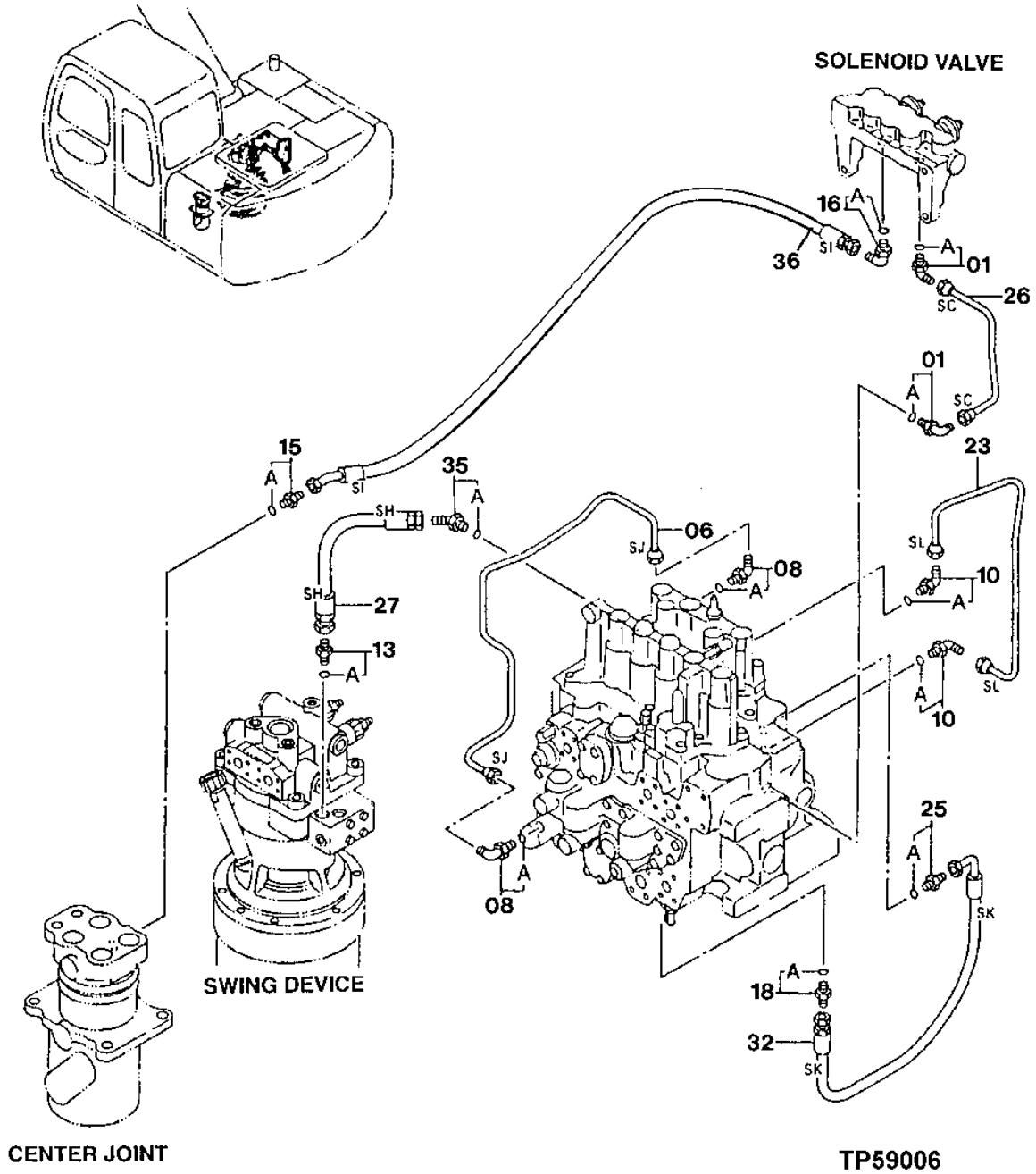


PILOT PIPINGS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4154670	ELBOW FITTING	2		(SUB FOR TH100951)
0A	M800650	PACKING	1		
1	P64274	HYDRAULIC HOSE - FABRICATE	1		
2	P64275	HYDRAULIC HOSE - FABRICATE	1		
3	AT318023	TEE FITTING	2		(SUB FOR 4364784, AT214020)
3A	M800650	PACKING	1		

PILOT PIPINGS

TP59006 -UN-09MAR98

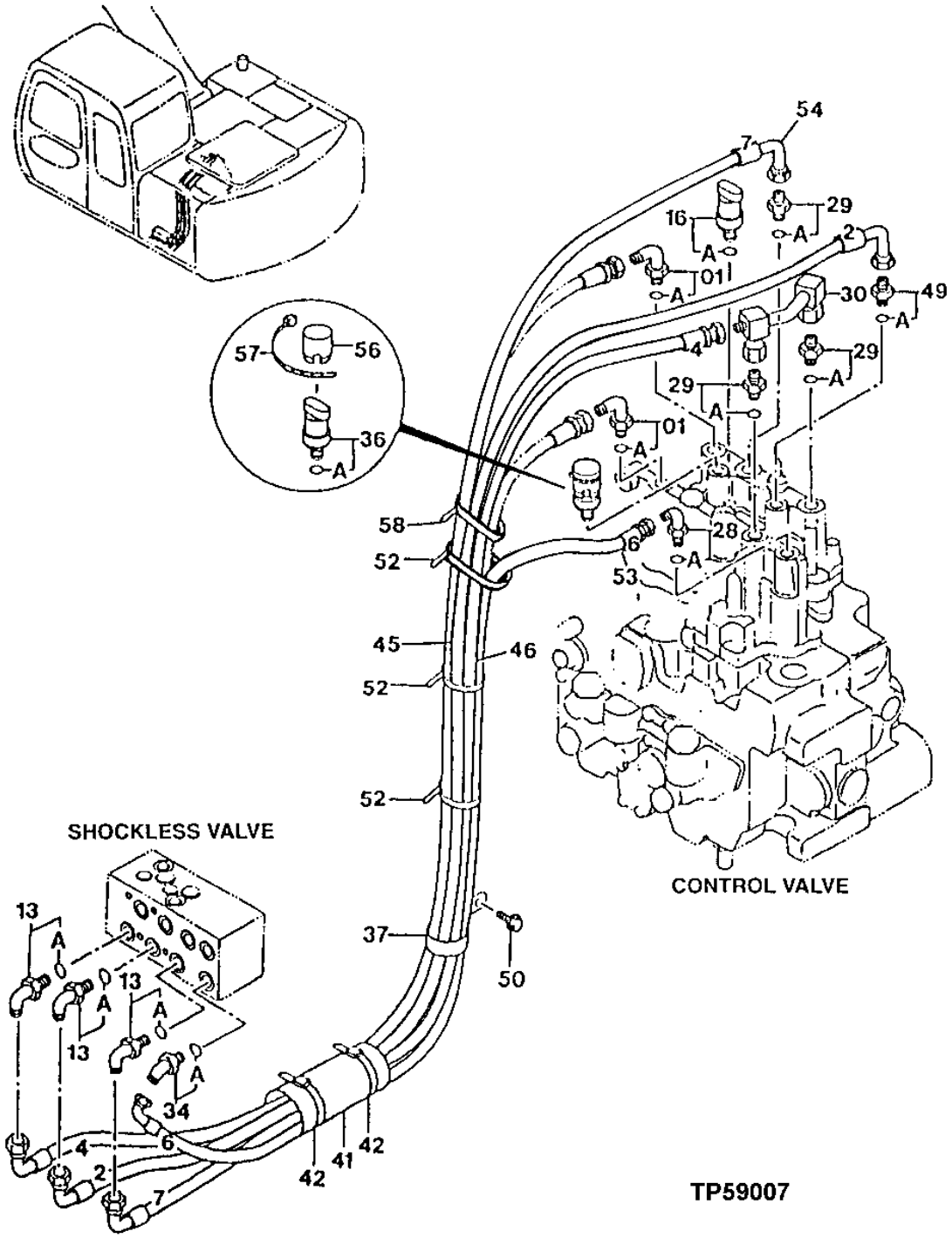


PILOT PIPINGS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	4293950	ELBOW FITTING	2		(SUB FOR AT160584)
1A	M800650	PACKING	1		
6	P60496	PIPE	1		
8	4293950	ELBOW FITTING	2		(SUB FOR AT160584)
8A	M800650	PACKING	1		
10	4293950	ELBOW FITTING	2		(SUB FOR AT160584)
10A	M800650	PACKING	1		
13	4200465	ADAPTER	1		(SUB FOR TH108328)
13A	M800650	PACKING	1		
15	4200465	ADAPTER	1		(SUB FOR TH108328)
15A	M800650	PACKING	1		
16	4154670	ELBOW FITTING	1		(SUB FOR TH100951)
16A	M800650	PACKING	1		
18	4200468	ADAPTER	1		(SUB FOR AT126336)
18A	CH11570	O-RING	1		13.800 X 2.400 MM (0.543" X 0.094")
23	P61627	PIPE	1		
25	4200465	ADAPTER	1		(SUB FOR TH108328)
25A	M800650	PACKING	1		
26	4348612	PIPE	1		(SUB FOR P61621)
27	P61618	HYDRAULIC HOSE - FABRICATE	1		
32	P61828	HYDRAULIC HOSE - FABRICATE	1		
35	4193826	ELBOW FITTING	1		(SUB FOR TH106467)
35A	M800650	PACKING	1		
36	AP34030	HYDRAULIC HOSE - FABRICATE	1		

PILOT PIPINGS

TP59007 -UN-09MAR98

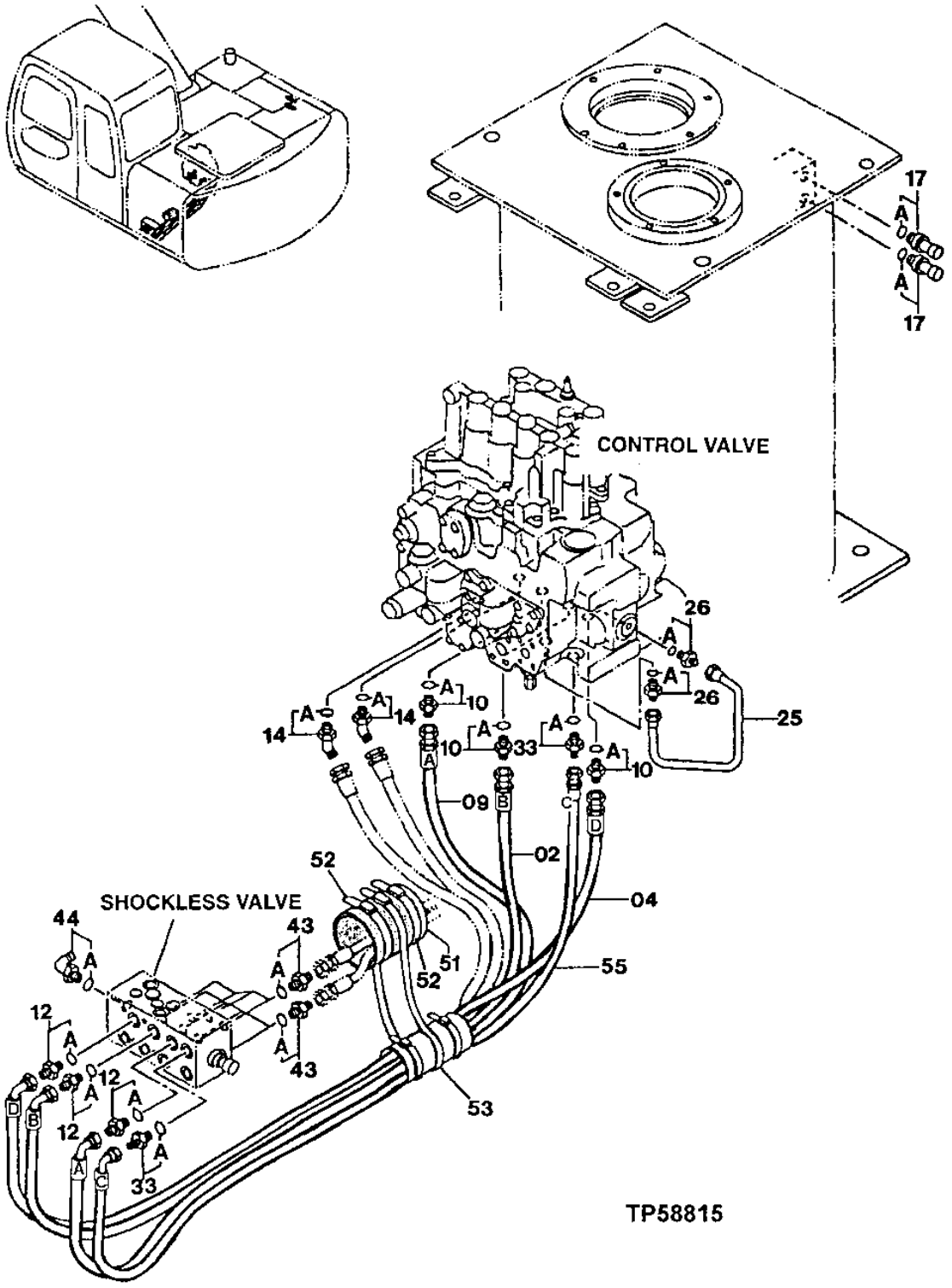


PILOT PIPINGS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AT318017	ADAPTER	2		(SUB FOR 4208913, AT126458)
1A	CH11570	O-RING	1		13.800 X 2.400 MM (0.543" X 0.094")
13	4154671	ELBOW FITTING	3		(SUB FOR TH101047)
13A	CH11570	O-RING	1		13.800 X 2.400 MM (0.543" X 0.094")
16	4380677	SWITCH	1		(SUB FOR AT215109) (PROPEL PRESSURE SWITCH)
16A	M800650	PACKING	1		
28	4351281	FITTING	1		(SUB FOR AP33426)
28A	CH11570	O-RING	1		13.800 X 2.400 MM (0.543" X 0.094")
29	4202422	ADAPTER	3		(SUB FOR TH108440)
29A	CH11570	O-RING	1		13.800 X 2.400 MM (0.543" X 0.094")
30	AP33433	PIPE	1		
34	4200473	ELBOW FITTING	1		(SUB FOR AP33478)
34A	CH11570	O-RING	1		13.800 X 2.400 MM (0.543" X 0.094")
36	4353686	SWITCH	1		(SUB FOR AT213971) (DIG PRESSURE SWITCH)
36A	M800650	PACKING	1		
37	4190265	CLIP	1		(SUB FOR TH111255, THIS APPLICATION) (SUB FOR TH109598)
41	4219918	BUSHING	1		(SUB FOR TH111416)
42	H77698	TIE BAND	2		
45	P61634	HYDRAULIC HOSE - FABRICATE	1		
46	P61620	HYDRAULIC HOSE - FABRICATE	1		
49	4200467	ADAPTER	1		(SUB FOR TH108417)
49A	M800650	PACKING	1		
50	12M7066	LOCK WASHER	1		10 MM (0.394")
	19M7402	CAP SCREW	1		M10 X 25
	24M7028	WASHER	1		10.500 X 20 X 2 MM (0.413" X 0.787" X 0.079")
52	H77698	TIE BAND	3		
53	P61638	HYDRAULIC HOSE - FABRICATE	1		
54	P61639	HYDRAULIC HOSE - FABRICATE	1		
56	4207239	CAP	1		(SUB FOR AP34020) (SUB FOR TH108591)
57	H77698	TIE BAND	1		
58	M86436	TIE BAND	1		

PILOT PIPINGS

TP58815 -UN-10OCT97

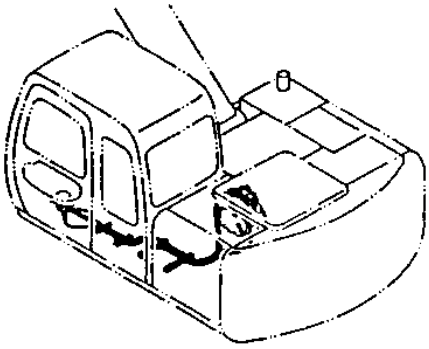


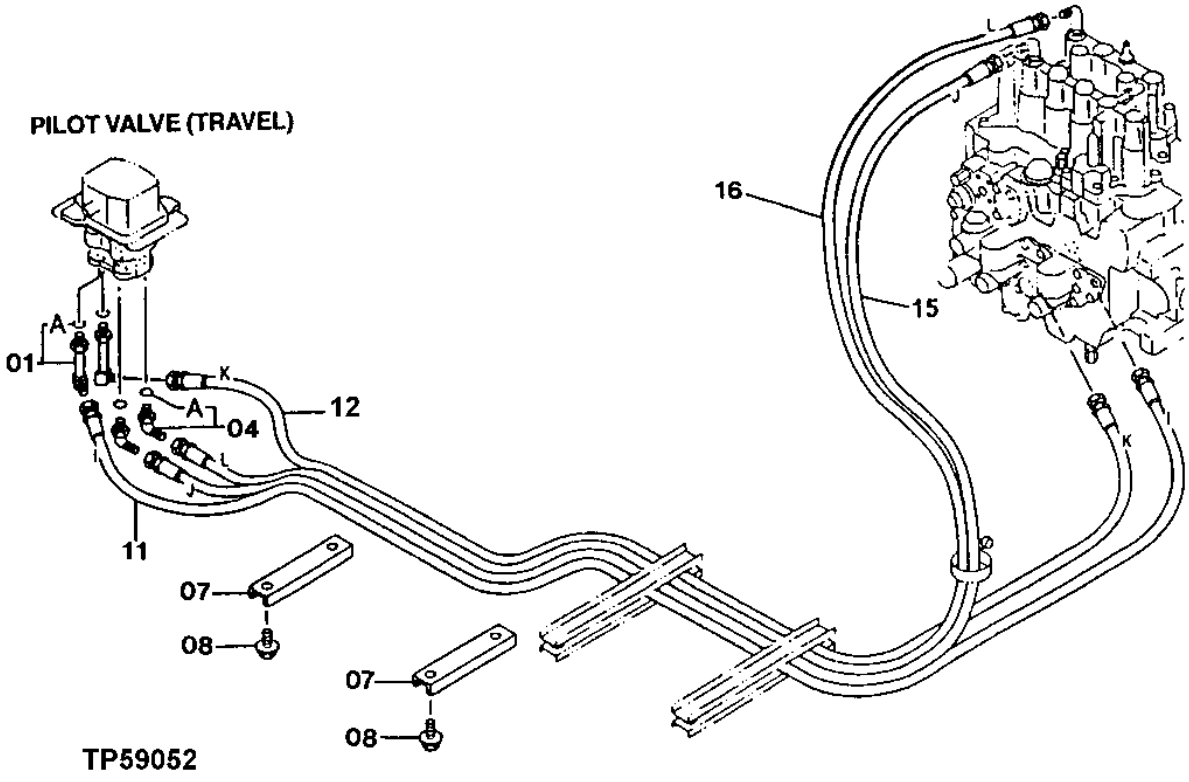
PILOT PIPINGS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
2	P61617	HYDRAULIC HOSE - FABRICATE	1		
4	P61619	HYDRAULIC HOSE - FABRICATE	1		
9	P61622	HYDRAULIC HOSE - FABRICATE	1		
10	4200466	ADAPTER	3		(SUB FOR TH108320)
10A	CH11570	O-RING	1		13.800 X 2.400 MM (0.543" X 0.094")
12	4200466	ADAPTER	3		(SUB FOR TH108320)
12A	CH11570	O-RING	1		13.800 X 2.400 MM (0.543" X 0.094")
14	4190244	ELBOW FITTING	2		(SUB FOR TH106152)
14A	CH11570	O-RING	1		13.800 X 2.400 MM (0.543" X 0.094")
17	4332040	SENSOR	2		(SUB FOR AT213840) (FRONT AND REAR PUMP CONTROL PRESSURE SENSORS)
17A	M800650	PACKING	1		
25	P61788	PIPE	1		
26	4255305	ADAPTER	2		(SUB FOR AT213809)
26A	CH11570	O-RING	1		13.800 X 2.400 MM (0.543" X 0.094")
33	4200468	ADAPTER	2		(SUB FOR AT126336)
33A	CH11570	O-RING	1		13.800 X 2.400 MM (0.543" X 0.094")
43	4200466	ADAPTER	8		(SUB FOR TH108320)
43A	CH11570	O-RING	1		13.800 X 2.400 MM (0.543" X 0.094")
44	AT318014	ELBOW FITTING	1		(SUB FOR 4156434) (SUB FOR TH101930)
44A	M800650	PACKING	1		
51	P61745	COVER	1		
52	H77698	TIE BAND	2		
53	M86436	TIE BAND	1		
55	P61645	HYDRAULIC HOSE - FABRICATE	1		

PILOT PIPINGS

TP59052 -UN-13APR98



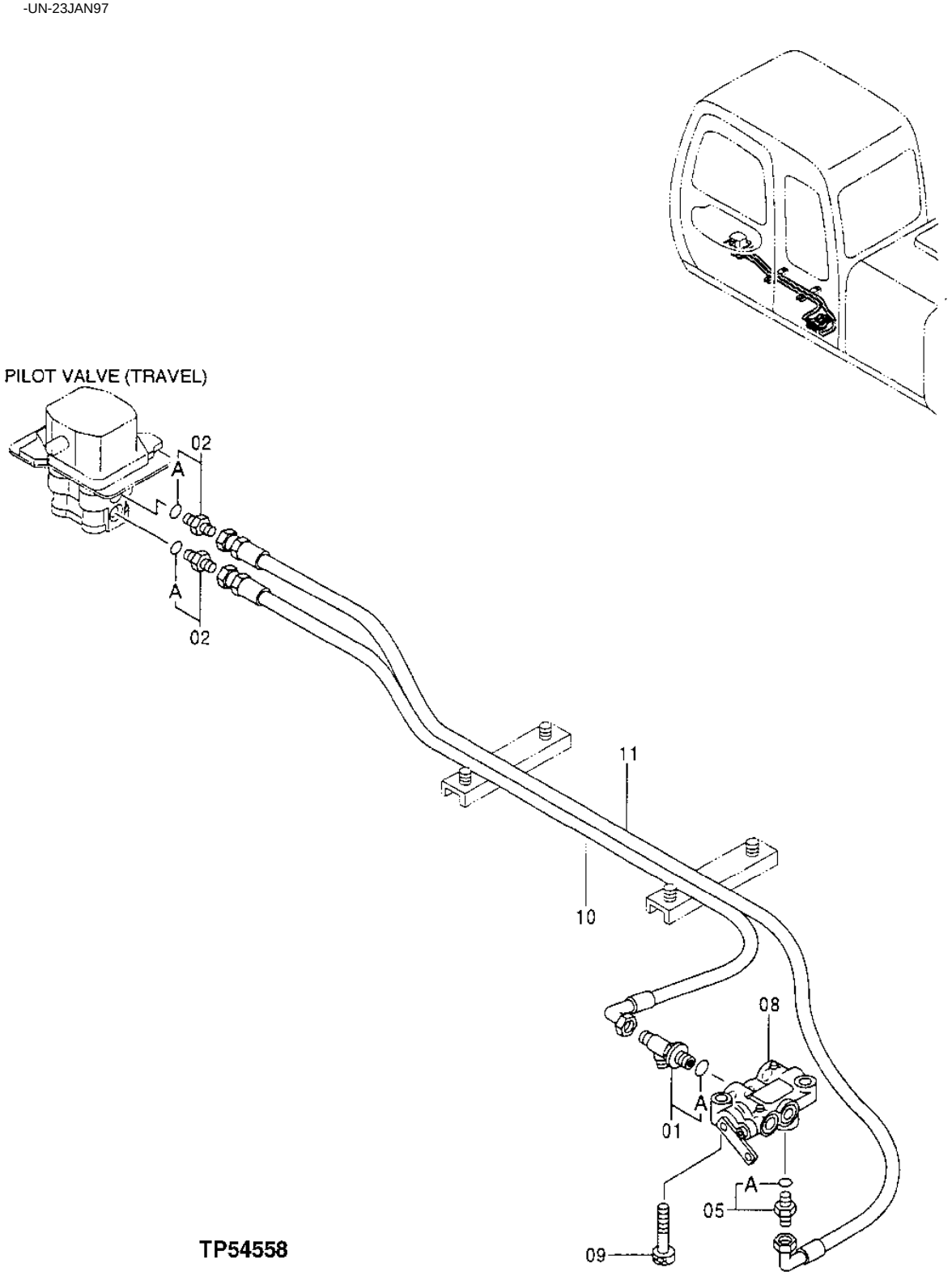


PILOT PIPINGS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AT318014	ELBOW FITTING	2		(SUB FOR 4156434) (SUB FOR AT204940) (SUB FOR TH101930)
1A	M800650	PACKING	1		
4	AT318014	ELBOW FITTING	2		(SUB FOR 4156434) (SUB FOR TH101930)
4A	M800650	PACKING	1		
7	4342692	CHANNEL	2		(SUB FOR AT213888)
8	19M8324	CAP SCREW	4		M10 X 16
	12M7066	LOCK WASHER	4		10 MM (0.394")
11	AT215923	HYDRAULIC HOSE - FABRICATE	1		
12	AT215924	HYDRAULIC HOSE - FABRICATE	1		
15	AT216551	HYDRAULIC HOSE - FABRICATE	1		(SUB FOR AT216552 AND AT218231) (ALSO ORDER TH106022)
16	AT216551	HYDRAULIC HOSE - FABRICATE	1		(SUB FOR AT218389) (ALSO ORDER TH106022)
	4133527	HOSE GUARD	1		(SUB FOR TH106022)

PILOT PIPINGS

TP54558 -UN-23JAN97

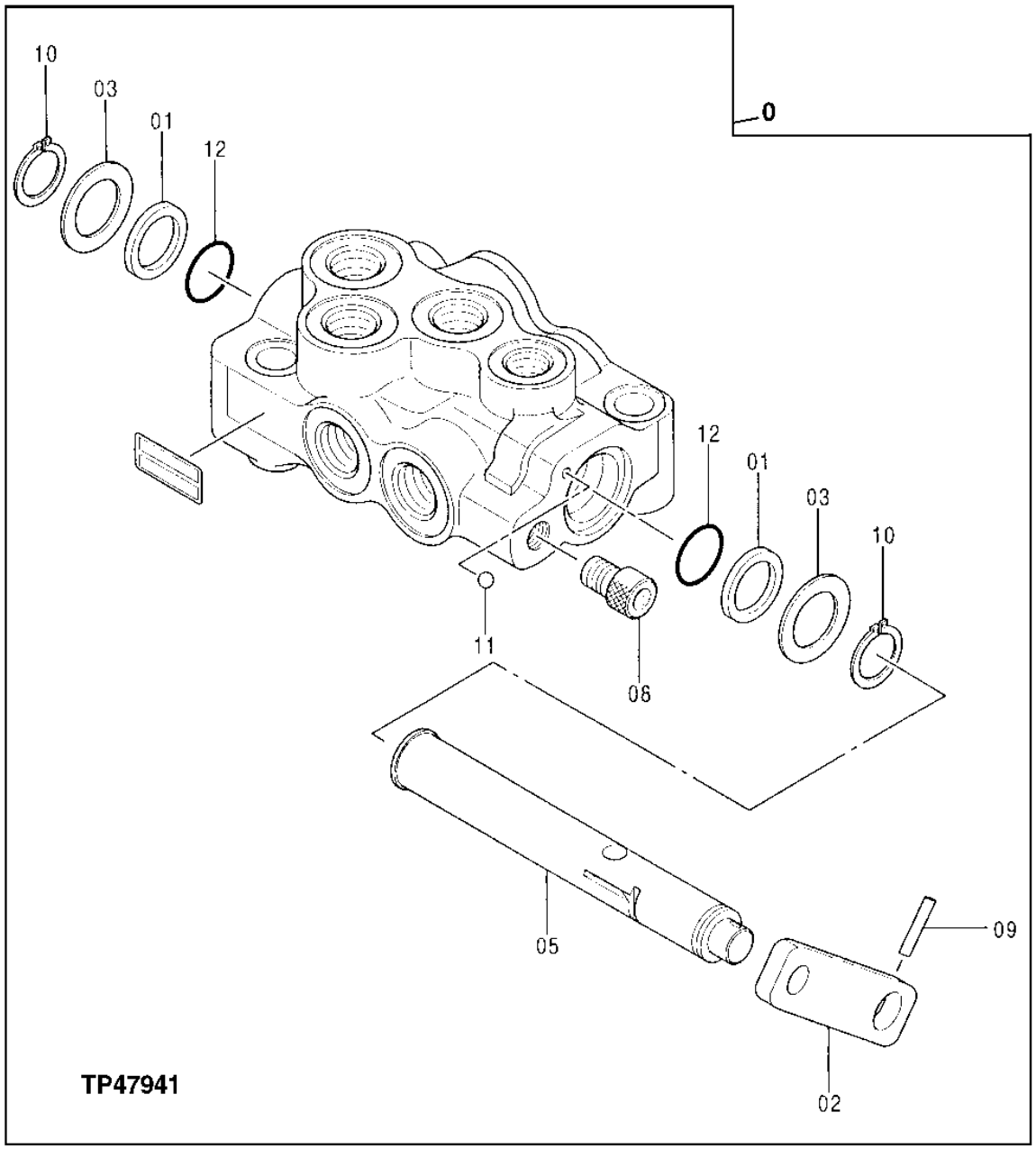


PILOT PIPINGS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	4367031	FILTER	1		(SUB FOR AT214033)
1A	CH11570	O-RING	1		13.800 X 2.400 MM (0.543" X 0.094")
2	4200467	ADAPTER	2		(SUB FOR TH108417)
2A	M800650	PACKING	1		
5	4200466	ADAPTER	1		(SUB FOR TH108320)
5A	CH11570	O-RING	1		13.800 X 2.400 MM (0.543" X 0.094")
8	4334827	FLOW CONTROL HYD. VALVE	1		(SUB FOR AT213862)
9	J781045	SCREW	2		(SUB FOR AT213616)
10	AT215941	HYDRAULIC HOSE - FABRICATE	1		
11	AT215918	HYDRAULIC HOSE - FABRICATE	1		

LOCK VALVE

TP47941 -UN-20MAY96

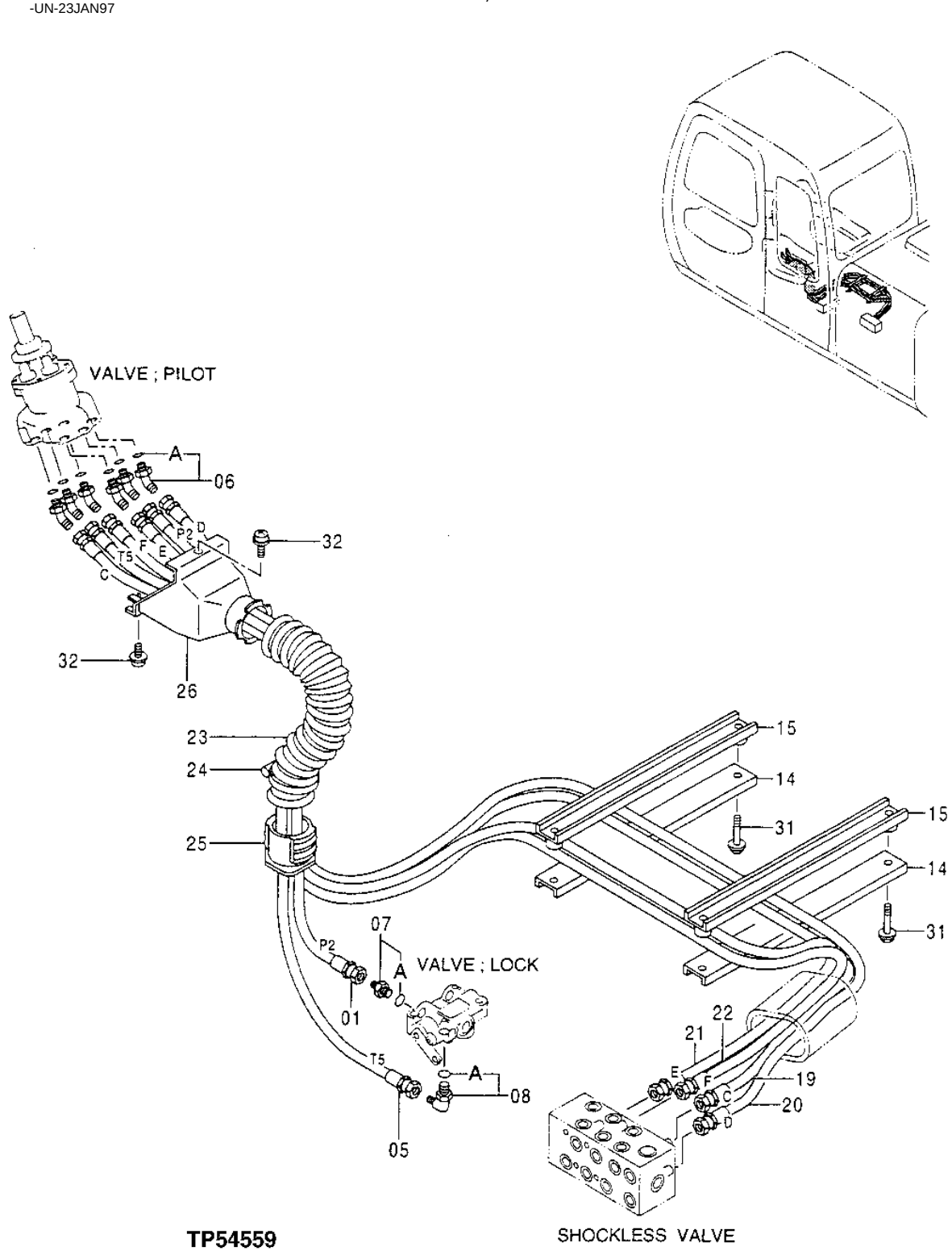


LOCK VALVE

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4334827	FLOW CONTROL HYD. VALVE	1		(SUB FOR AT213862)
1	0309904	BACK-UP RING	2		(SUB FOR TH109299)
2	0668301	STRAP	1		(SUB FOR AT213705)
3	0396603	WASHER	2		(SUB FOR AT153842)
5	0668303	VALVE SPOOL	1		(SUB FOR AT213706)
8	0396604	BOLT	1		(SUB FOR AT153843)
9	0668304	SPRING PIN	1		(SUB FOR AT213707)
10	0396605	SNAP RING	2		(SUB FOR AT153844)
11	0309902	BALL	1		(SUB FOR TH109297)
12	CH14634	O-RING	2		17.800 X 2.400 MM (0.701" X 0.094")

PILOT PIPINGS, LEFT JOYSTICK

TP54559 -UN-23JAN97

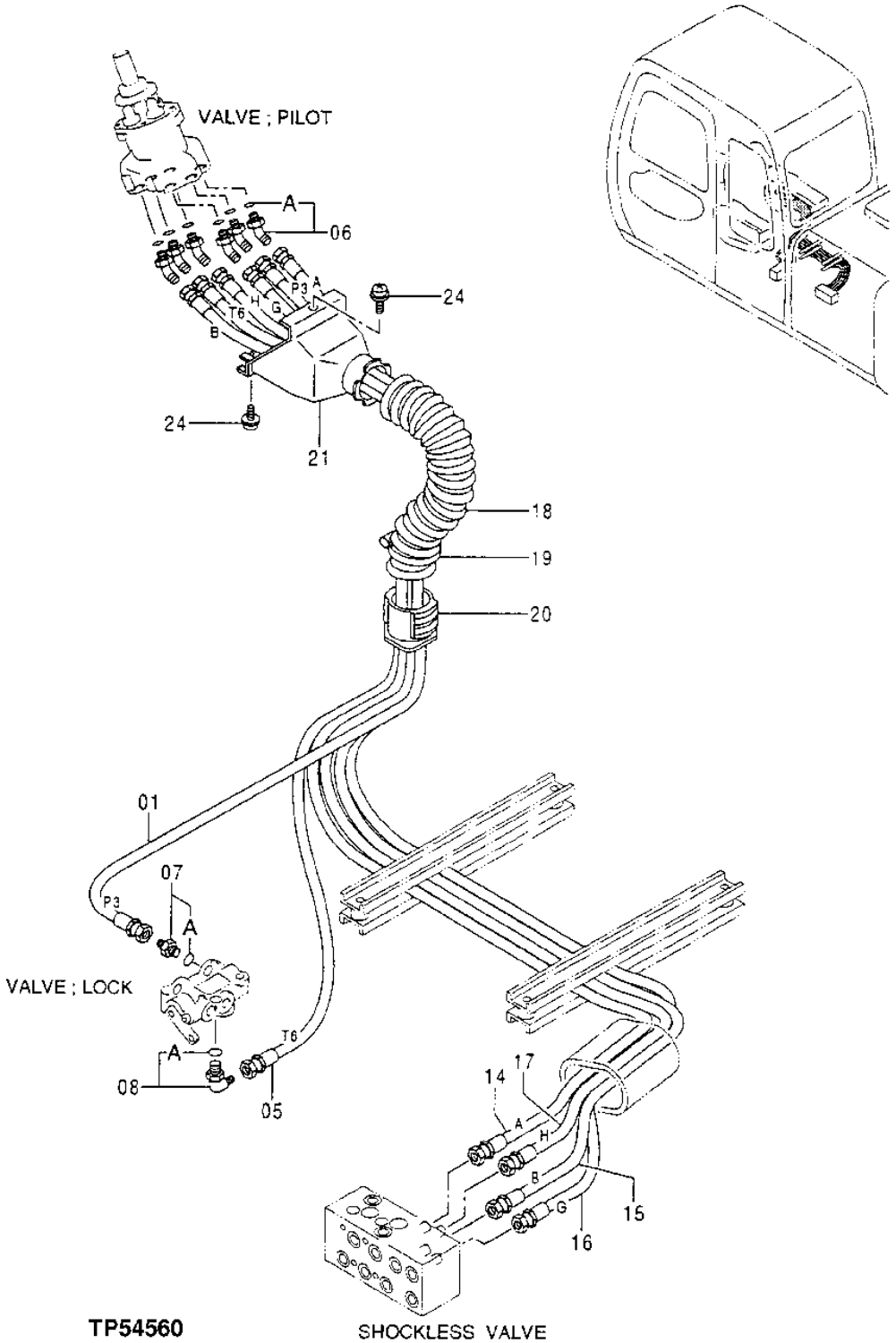


PILOT PIPINGS, LEFT JOYSTICK

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AT213849	HYDRAULIC HOSE - FABRICATE	1		
5	AT213851	HYDRAULIC HOSE - FABRICATE	1		
6	A852223	ELBOW FITTING	6		(SUB FOR AT154994 OR 4286916)
6A	M800650	PACKING	1		
7	4261938	FITTING	1		(SUB FOR AT154285)
7A	CH11570	O-RING	1		13.800 X 2.400 MM (0.543" X 0.094")
8	4154671	ELBOW FITTING	1		(SUB FOR TH101047)
8A	CH11570	O-RING	1		13.800 X 2.400 MM (0.543" X 0.094")
14	4341877	CHANNEL	2		(SUB FOR AT213887)
15	9743671	CHANNEL	2		(SUB FOR AT214405)
19	4203024	HYDRAULIC HOSE - FABRICATE	1		(SUB FOR TH108468)
20	AT213906	HYDRAULIC HOSE - FABRICATE	1		
21	AT201251	HYDRAULIC HOSE - FABRICATE	1		9/16" X 2 000 MM (78-3/4") X 9/16"
22	AT213906	HYDRAULIC HOSE - FABRICATE	1		(SUB FOR AT218390)
23	4351175	HOSE	1		(SUB FOR AT213957)
24	4351774	CLAMP	1		(SUB FOR AT213962)
25	3079728	BUSHING	1		(SUB FOR AT213780) (SUB FOR AT250589)
26	3072745	COVER	1		(SUB FOR AT213784)
31	19M7358	CAP SCREW	4		M10 X 40
	12M7066	LOCK WASHER	4		10 MM (0.394")
32	J460620	SCREW WITH WASHER	2		(SUB FOR AT200012)

PILOT PIPINGS, RIGHT JOYSTICK

TP54560 -UN-23JAN97

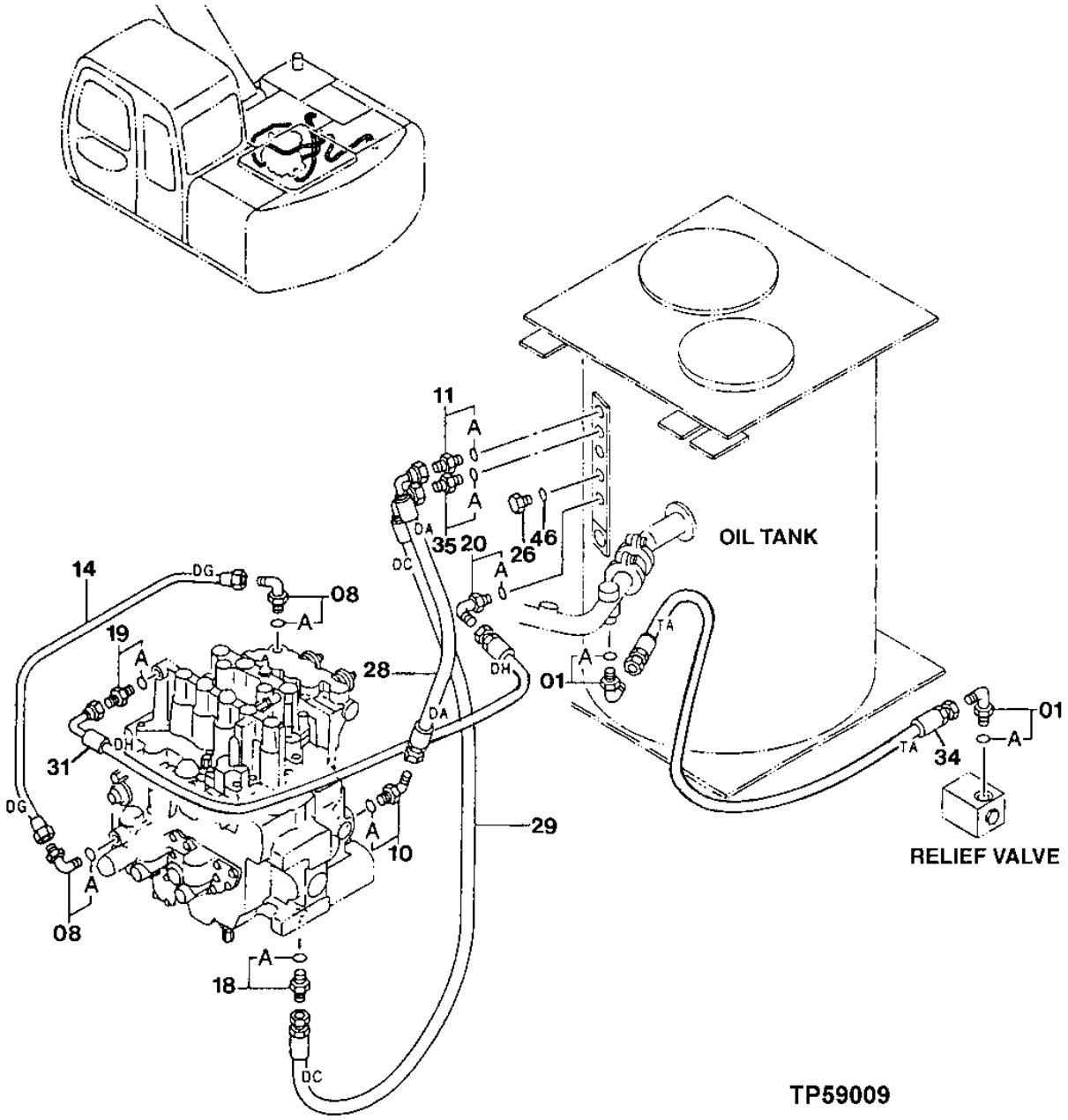


PILOT PIPINGS, RIGHT JOYSTICK

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AT213850	HYDRAULIC HOSE - FABRICATE	1		9/16" X 1 250 MM (49-1/4") X 9/16"
5	AT213852	HYDRAULIC HOSE - FABRICATE	1		9/16" X 1 200 MM (47-1/4") X 9/16"
6	A852223	ELBOW FITTING	6		(SUB FOR AT154994 OR 4286916)
6A	M800650	PACKING	1		
7	4367031	FILTER	1		(SUB FOR AT214033)
7A	CH11570	O-RING	1		13.800 X 2.400 MM (0.543" X 0.094")
8	4154671	ELBOW FITTING	1		(SUB FOR TH101047)
8A	CH11570	O-RING	1		13.800 X 2.400 MM (0.543" X 0.094")
14	AT215524	HYDRAULIC HOSE - FABRICATE	1		(SUB FOR AT218391)
15	4351190	HYDRAULIC HOSE	1		(SUB FOR AT217110)
16	AT215524	HYDRAULIC HOSE - FABRICATE	1		
17	AT215525	HYDRAULIC HOSE - FABRICATE	1		
18	4351175	HOSE	1		(SUB FOR AT213957)
19	4351774	CLAMP	1		(SUB FOR AT213962)
20	3079728	BUSHING	1		(SUB FOR AT213780) (SUB FOR AT250589)
21	3072745	COVER	1		(SUB FOR AT213784)
24	J460620	SCREW WITH WASHER	2		(SUB FOR AT200012)

PILOT PIPINGS

TP59009 -UN-09MAR98

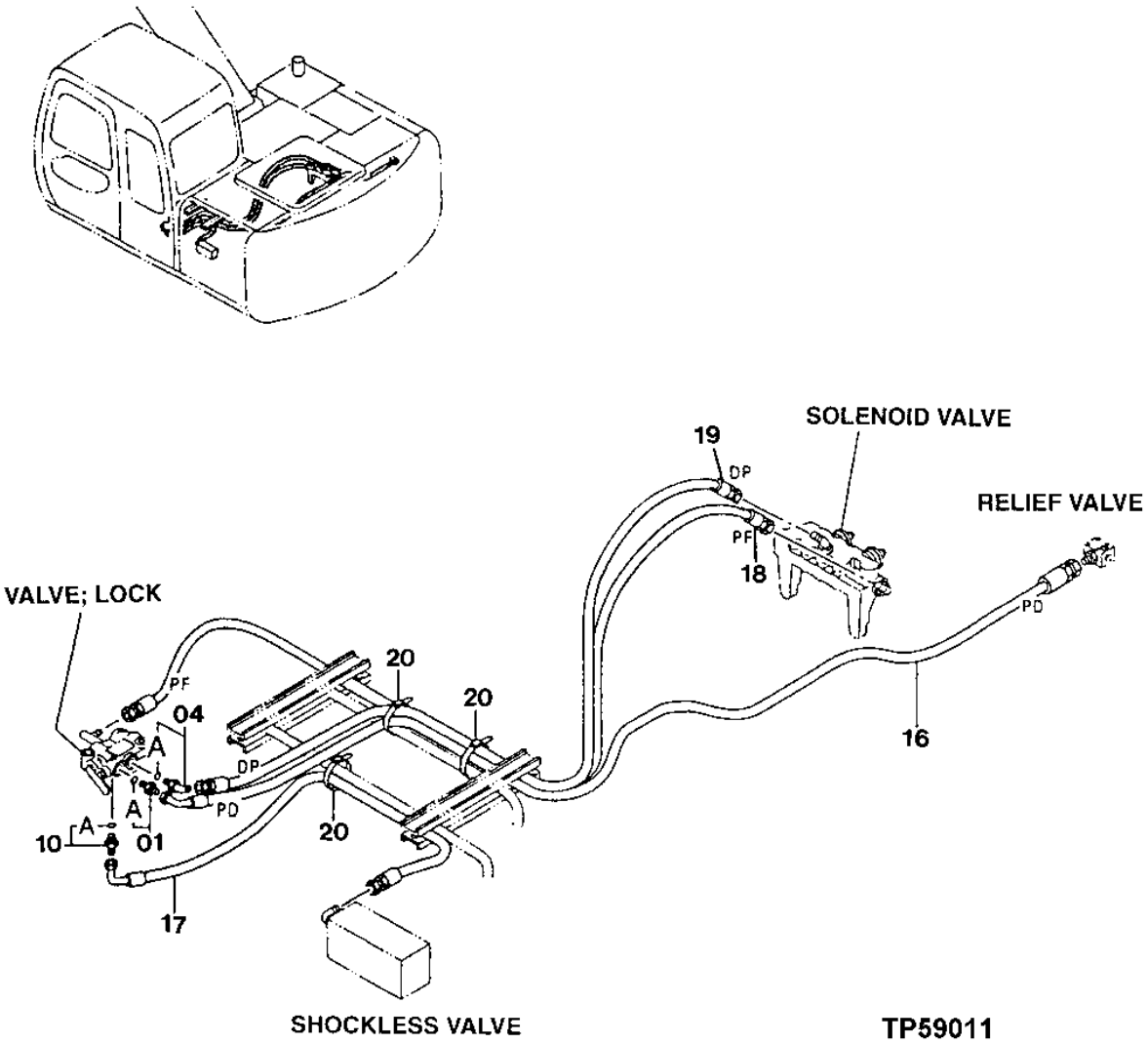


PILOT PIPINGS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	4154672	ELBOW FITTING	2		(SUB FOR TH101008)
1A	4506418	O-RING	1		(SUB FOR U46489)
8	4293950	ELBOW FITTING	2		(SUB FOR AT160584)
8A	M800650	PACKING	1		
10	4154670	ELBOW FITTING	1		(SUB FOR TH100951)
10A	M800650	PACKING	1		
11	4200465	ADAPTER	1		(SUB FOR TH108328)
11A	M800650	PACKING	1		
14	P61623	PIPE	1		
18	4200467	ADAPTER	1		(SUB FOR TH108417)
18A	M800650	PACKING	1		
19	4200467	ADAPTER	1		(SUB FOR TH108417)
19A	M800650	PACKING	1		
20	4154671	ELBOW FITTING	1		(SUB FOR TH101047)
20A	CH11570	O-RING	1		
26	15M7036	DRAIN PLUG	1		(SUB FOR TH109285 OR 0309805)
28	P61641	HYDRAULIC HOSE - FABRICATE	1		
29	P61642	HYDRAULIC HOSE - FABRICATE	1		
31	AP34082	HYDRAULIC HOSE - FABRICATE	1		
34	P64263	HYDRAULIC HOSE - FABRICATE	1		
35	4200467	ADAPTER	1		(SUB FOR TH108417)
35A	M800650	PACKING	1		
46	CH11570	O-RING	1		13.800 X 2.400 MM (0.543" X 0.094")

PILOT PIPINGS

TP59011 -UN-09MAR98

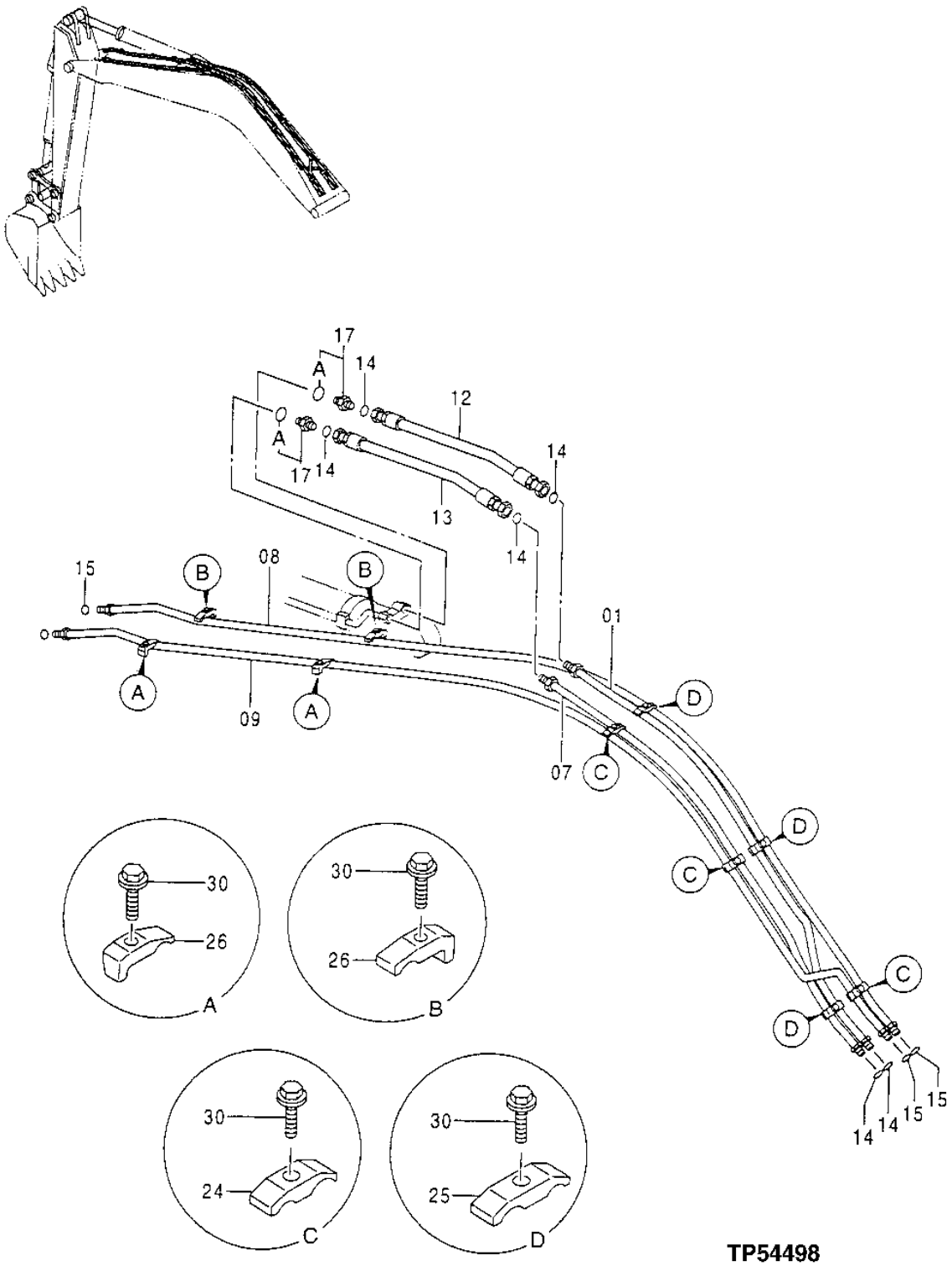


PILOT PIPINGS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	4200466	ADAPTER	1		(SUB FOR TH108320)
1A	CH11570	O-RING	1		13.800 X 2.400 MM (0.543" X 0.094")
4	4154671	ELBOW FITTING	1		(SUB FOR TH101047)
4A	CH11570	O-RING	1		13.800 X 2.400 MM (0.543" X 0.094")
10	4346499	FILTER	1		(SUB FOR AT213911)
10A	M800650	PACKING	1		
16	AP34117	HYDRAULIC HOSE - FABRICATE	1		
17	AP34071	HYDRAULIC HOSE - FABRICATE	1		
18	4373641	HOSE	1		(SUB FOR AT183635)
19	AP34073	HYDRAULIC HOSE - FABRICATE	1		
20	H77698	TIE BAND	3		

FRONT PIPINGS

TP54498 -UN-17JAN97

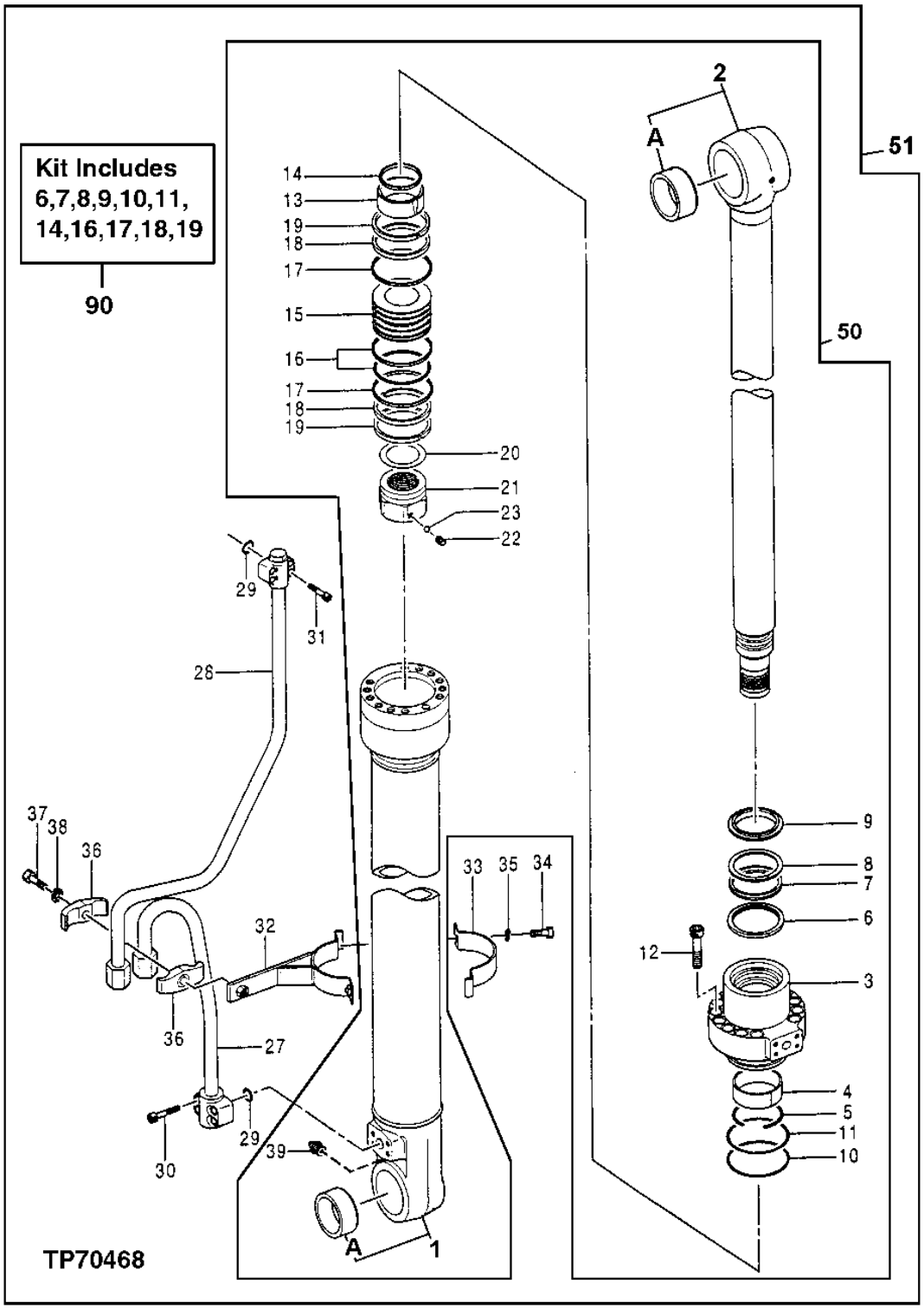


FRONT PIPINGS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AP34350	OIL TUBE	1		
7	AP34349	OIL TUBE	1		
8	AP34351	OIL TUBE	1		
9	AP34348	OIL TUBE	1		
12	P63474	HYDRAULIC HOSE - FABRICATE	1		
13	P63476	HYDRAULIC HOSE - FABRICATE	1		
14	T77858	O-RING	6		18.771 X 1.778 MM (0.739" X 0.070")
15	T77857	O-RING	4		12.421 X 1.778 MM (0.489" X 0.070")
17	4189619	ADAPTER	2		(SUB FOR AT107392)
17A	R27149	O-RING	1		23.393 X 3.531 MM (0.921" X 0.139")
24	4189858	CLAMP	3		(SUB FOR TH108333)
25	4141806	CLAMP	3		(SUB FOR TH100968)
26	4190125	CLAMP	4		(SUB FOR TH108960)
30	19M7362	CAP SCREW	10		M12 X 55
	12H301	LOCK WASHER	10		12.700 MM (1/2")

RIGHT BOOM CYLINDER

TP70468 -UN-11SEP00

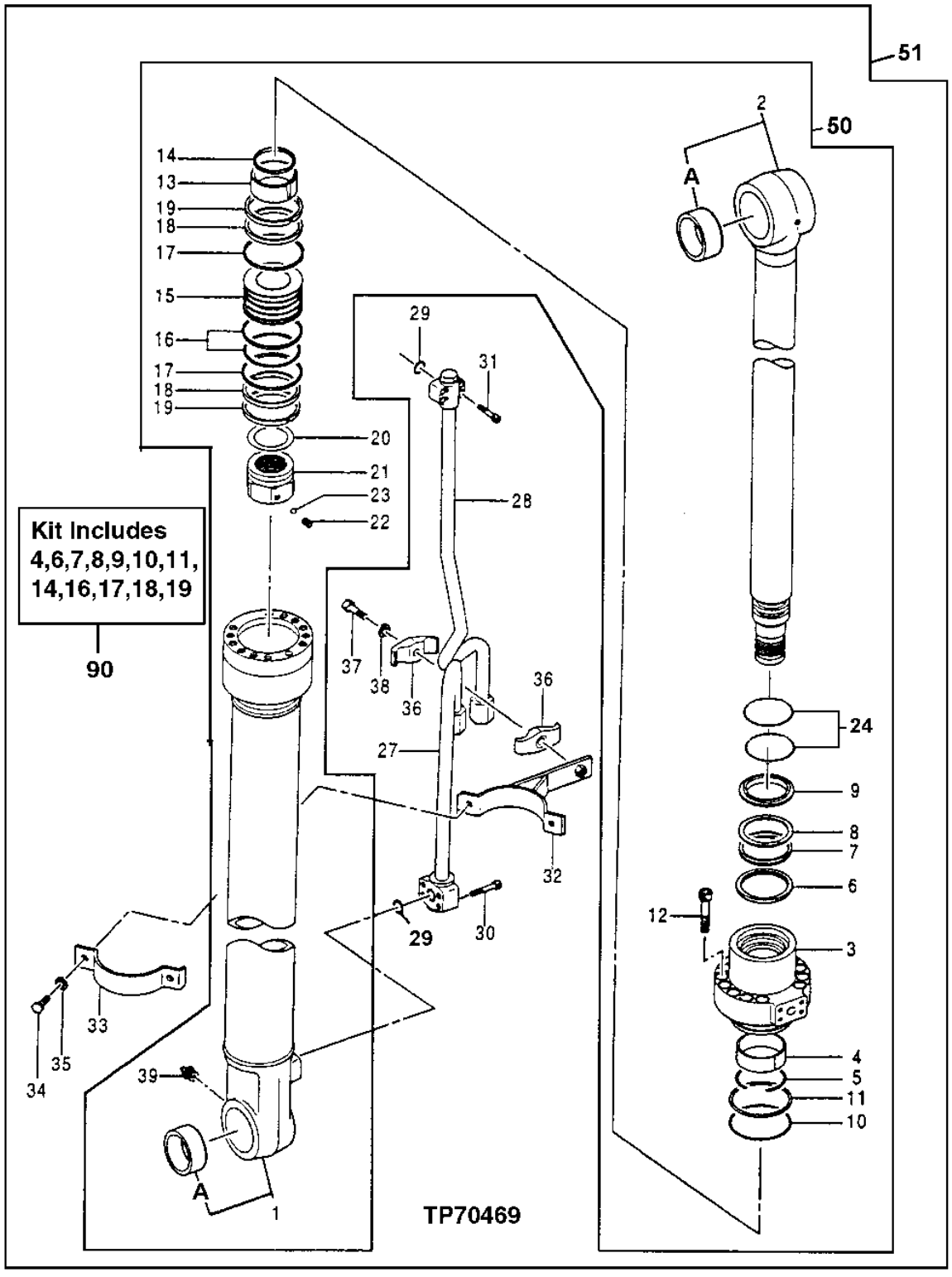


RIGHT BOOM CYLINDER

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AH152920	HYDRAULIC CYLINDER BARREL	1		
1A	H157792	BUSHING	1		
2	AH152921	ROD	1		
2A	H158235	BUSHING	1		
3	H158032	HYDR. CYLINDER ROD GUIDE	1		
4	AT133645	BUSHING	1		(K)
5	0271304	SNAP RING	1		(SUB FOR AT133631)
6	AT153914	RING	1		(K)
7	AT264256	PACKING	1		(K) (SUB FOR 0271309, AT133633)
8	AT264257	BACK-UP RING	1		(K) (SUB FOR 0271310, AT133634)
9	H158453	SCRAPER RING	1		(K)
10	CH18696	PACKING	1		(K)
11	AT264391	BACK-UP RING	1		(K) (SUB FOR TH109374)
12	19M8929	SCREW	10		M14 X 55
13	0408806	BEARING	1		(SUB FOR AT153916)
14	H158461	SEAL	1		(K)
15	H158173	PISTON	1		
16	AT264392	RING	1		(K) (SUB FOR TH109376)
17	AT153951	BACK-UP RING	2		(K)
18	H158170	SCRAPER RING	2		(K)
19	AT264394	RING	2		(K) (SUB FOR TH109378)
20	0326007	SHIM	1		(SUB FOR TH110253)
21	H158175	NUT	1		
22	22M7139	SET SCREW	1		M10 X 10
23	400R	BALL	1		6.350 MM (1/4")
27	AH149467	OIL LINE	1		
28	AH152922	OIL LINE	1		
29	AT264354	O-RING	2		(SUB FOR TH103574)
30	19M8213	SCREW	4		M10 X 50
31	T116311	BOLT	4		M8 X 40
32	AH152928	CLAMP	1		
33	0310619	BAND	1		(SUB FOR TH109389)
34	19M7550	CAP SCREW	2		M10 X 35
35	12M7066	LOCK WASHER	2		10 MM (0.394")
36	TH109337	CLAMP	2		
37	19M8348	CAP SCREW	1		M12 X 65
38	12M7058	LOCK WASHER	1		12 MM (0.472") (SUB FOR 12M7067)
39	TH100074	LUBRICATION FITTING	1		
50	.....	HYDRAULIC CYLINDER	1		(SUB AH152131) (AH154884 NO LONGER AVAILABLE)
51	AH152131	HYDRAULIC CYLINDER	1		
90	AH152930	HYDRAULIC CYLINDER KIT	1		INCLUDES ALL (K) PARTS

LEFT BOOM CYLINDER

TP70469 -UN-11SEP00

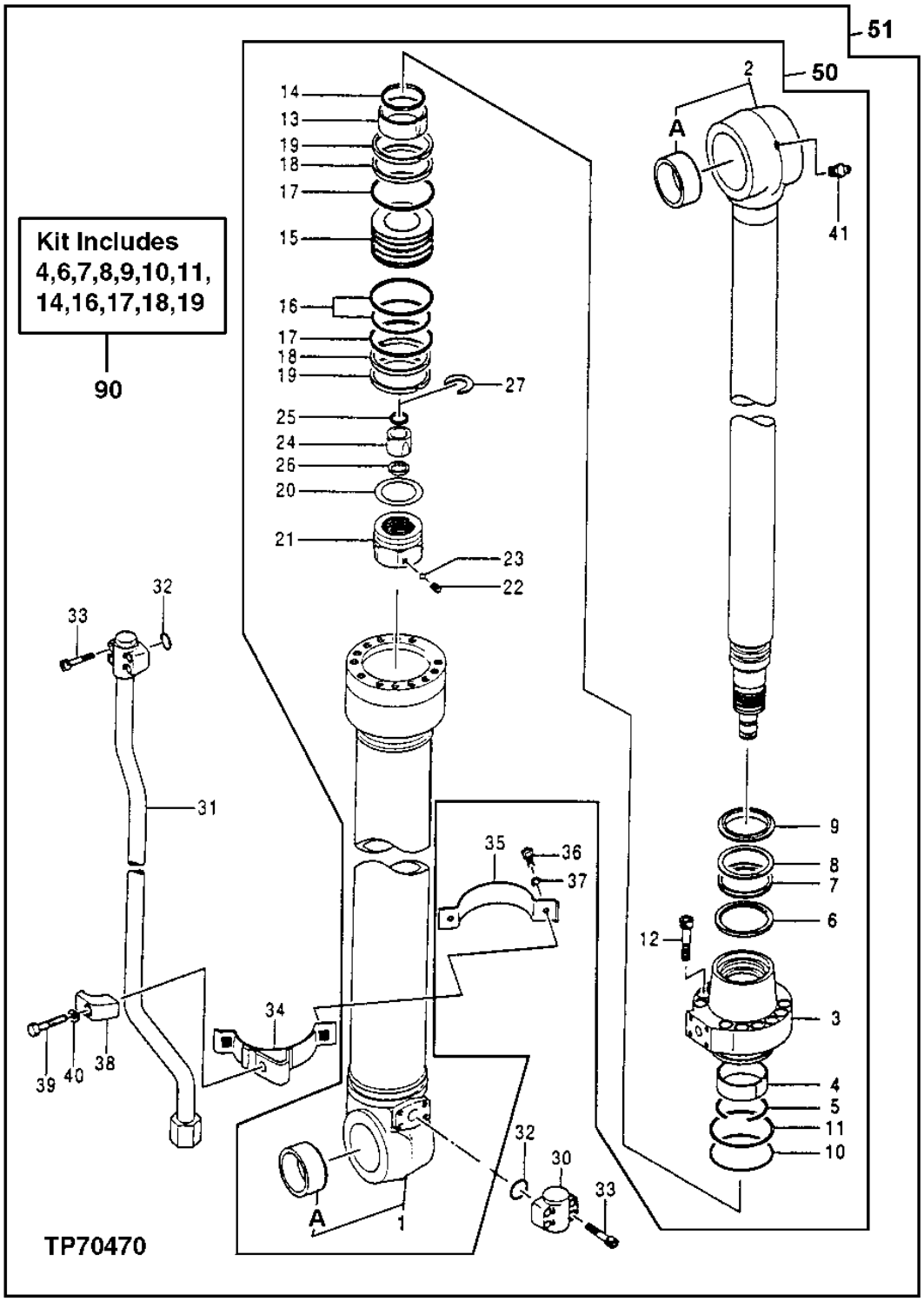


LEFT BOOM CYLINDER

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AH152923	HYDRAULIC CYLINDER BARREL	1		
1A	H157792	BUSHING	1		
2	AH152921	ROD	1		
2A	H158235	BUSHING	1		
3	H158032	HYDR. CYLINDER ROD GUIDE	1		
4	AT133645	BUSHING	1		(K)
5	0271304	SNAP RING	1		(SUB FOR AT133631)
6	AT153914	RING	1		(K)
7	AT264256	PACKING	1		(K) (SUB FOR 0271309, AT133633)
8	AT264257	BACK-UP RING	1		(K) (SUB FOR 0271310, AT133634)
9	H158453	SCRAPER RING	1		(K)
10	CH18696	PACKING	1		(K)
11	AT264391	BACK-UP RING	1		(K) (SUB FOR TH109374)
12	19M8929	SCREW	10		M14 X 55
13	0408806	BEARING	1		(SUB FOR AT153916)
14	H158461	SEAL	1		(K)
15	H158173	PISTON	1		
16	AT264392	RING	1		(K) (SUB FOR TH109376)
17	AT153951	BACK-UP RING	2		(K) 90 X 95 X 2.500 MM (3.543" X 3.740" X 0.098")
18	H158170	SCRAPER RING	2		(K)
19	AT264394	RING	2		(K) (SUB FOR TH109378)
20	0326007	SHIM	1		(SUB FOR TH110253)
21	H158175	NUT	1		
22	22M7139	SET SCREW	1		M10 X 10
23	400R	BALL	1		6.350 MM (1/4")
24	TH100374	SEAL	2		
27	AH149465	OIL LINE	1		
28	AH152924	OIL LINE	1		
29	AT264354	O-RING	2		(SUB FOR TH103574)
30	19M8213	SCREW	4		M10 X 50
31	T116311	BOLT	4		M8 X 40
32	AH152928	CLAMP	1		
33	0310619	BAND	1		(SUB FOR TH109389)
34	19M7550	CAP SCREW	2		M10 X 35
35	12M7066	LOCK WASHER	2		10 MM (0.394")
36	TH109337	CLAMP	2		
37	19M8348	CAP SCREW	1		M12 X 65
38	12M7058	LOCK WASHER	1		12 MM (0.472") (SUB FOR 12M7067)
39	TH100074	LUBRICATION FITTING	1		
50	.....	HYDRAULIC CYLINDER	1		(SUB AH152132) (AH154885 NO LONGER AVAILABLE)
51	AH152132	HYDRAULIC CYLINDER	1		
90	AH152930	HYDRAULIC CYLINDER KIT	1		INCLUDES ALL (K) PARTS (SEAL)

ARM CYLINDER

TP70470 -UN-11SEP00

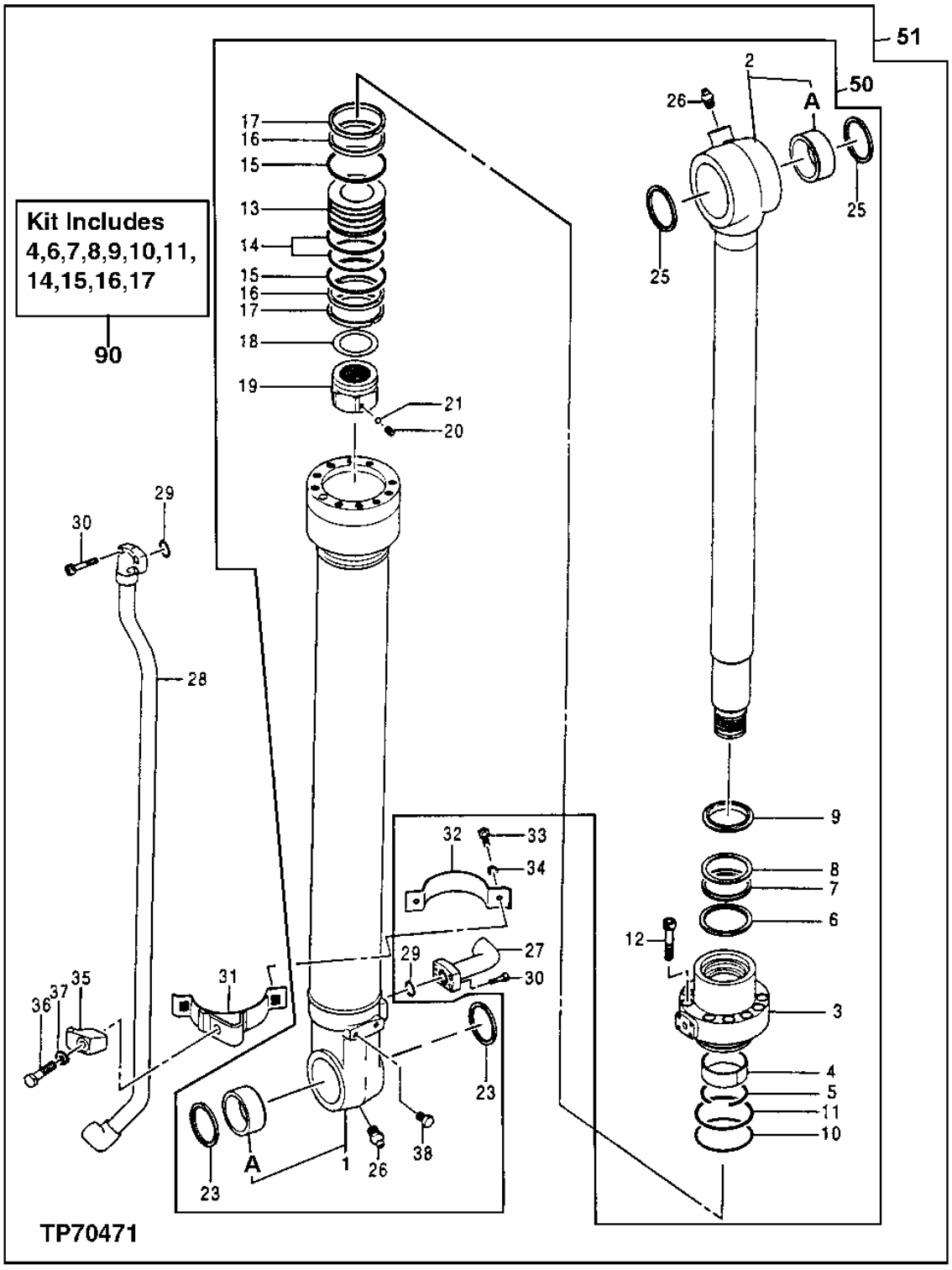


ARM CYLINDER

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AH152925	HYDRAULIC CYLINDER BARREL	1		
1A	H158234	BUSHING	1		
2	AH152926	ROD	1		
2A	H158234	BUSHING	1		
3	H158027	HYDR. CYLINDER ROD GUIDE	1		
4	TH109311	WEAR RING	1		(K)
5	0240904	SNAP RING	1		(SUB FOR TH109312)
6	AH148777	SEAL	1		(K)
7	4S00189	PACKING	1		(K) (SUB FOR TH109314)
8	4S00190	BACK-UP RING	1		(K) (SUB FOR TH109315)
9	H155867	SEAL	1		(K)
10	AT264319	O-RING	1		(K) 99.400 X 3.100 MM (3.913" X 0.122") (SUB FOR T110447)
11	TH109318	BACK-UP RING	1		(K)
12	19M8930	SCREW	12		M14 X 65
13	H158461	SEAL	1		
14	H157238	SEAL	1		(K)
15	H158463	PISTON	1		
16	AT264387	RING	1		(K) (SUB FOR TH109322)
17	AT153919	BACK-UP RING	2		(K) 100 X 105 X 2.500 MM (3.937" X 4.134" X 0.098")
18	H158459	SCRAPER RING	2		(K)
19	AT264388	RING	2		(K) (SUB FOR TH109324, 0310510 AND 4S00155)
20	H159695	SNAP RING	1		
21	H158465	NUT	1		
22	22M7009	SET SCREW	1		M12 X 12
23	T13624	BALL	1		7.145 MM (9/32")
24	0409012	BEARING	1		(SUB FOR AT153939)
25	TH100374	SEAL	4		
26	0409014	STOP	2		(SUB FOR AT153941)
27	H159707	RING	1		
30	.....	UNIVERSAL JOINT	1		(0409016 NO LONGER AVAILABLE) (SUB FOR AT153943)
	0796601	UNIVERSAL JOINT	1		(ALSO ORDER A853166, 19M7662, AND 12M7066)
31	AH152927	OIL LINE	1		
32	AT264360	O-RING	2		(SUB FOR TH104930, 4506430)
33	19M8213	SCREW	8		M10 X 50
34	AH152929	CLAMP	1		
35	H159705	BAND	1		
36	19M7550	CAP SCREW	2		M10 X 35
37	12M7066	LOCK WASHER	2		10 MM (0.394")
38	T108036	CLAMP	1		
39	19M7362	CAP SCREW	1		M12 X 55
40	12M7058	LOCK WASHER	1		12 MM (0.472") (SUB FOR 12M7067)
41	TH100074	LUBRICATION FITTING	1		
42	A853166	ADAPTER	1		(NOT ILLUSTRATED)
43	19M7662	CAP SCREW	4		M10 X 30, (NOT ILLUSTRATED)
44	12M7066	LOCK WASHER	4		10 MM (0.394") (NOT ILLUSTRATED)
50	.....	HYDRAULIC CYLINDER	1		(SUB AH152130) (AH154886 NO LONGER AVAILABLE)
51	AH152130	HYDRAULIC CYLINDER	1		
..	AH152917	HYDRAULIC CYLINDER KIT	1		INCLUDES ALL (K) PARTS (SEAL)

BUCKET CYLINDER

TP70471 -UN-11SEP00

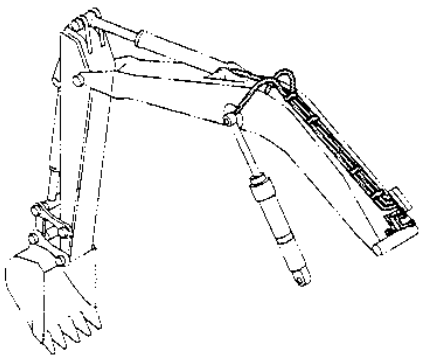


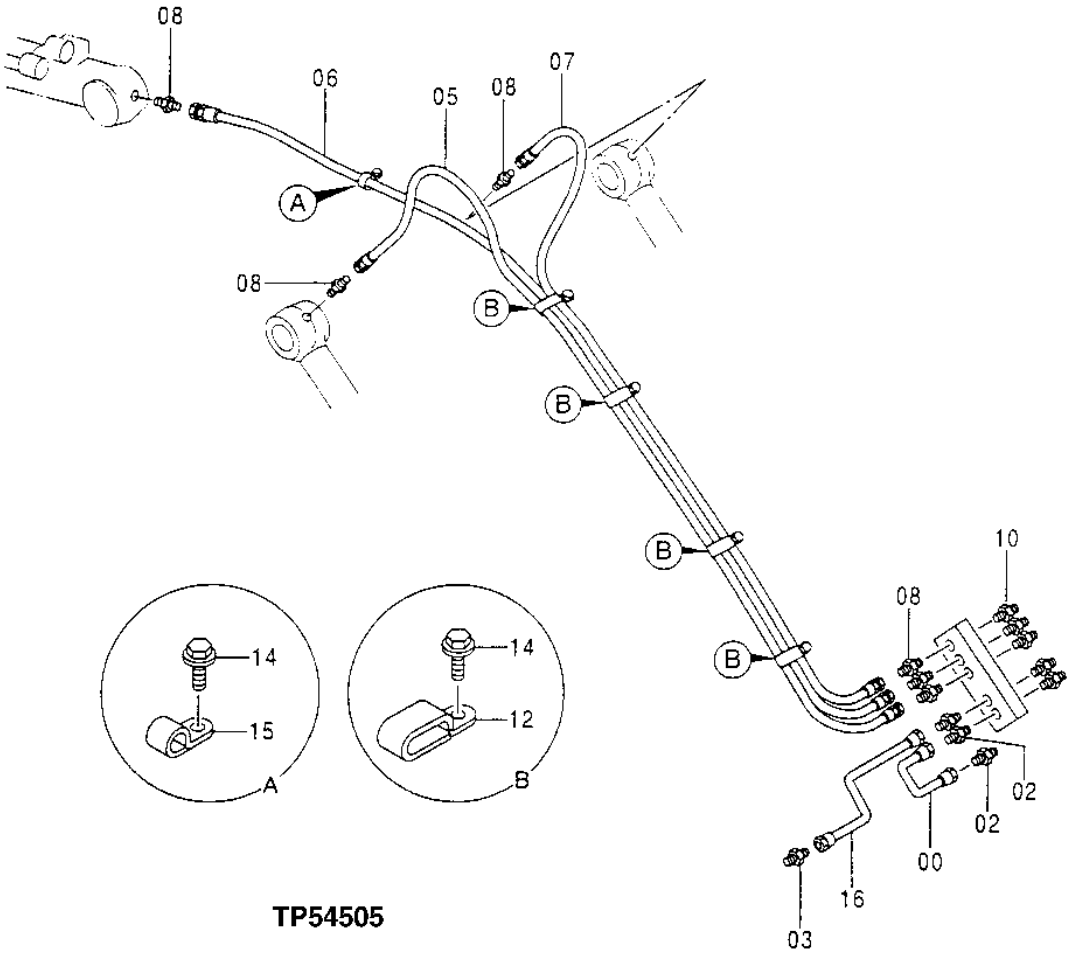
BUCKET CYLINDER

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AH150696	HYDRAULIC CYLINDER BARREL	1		
1A	H157794	BUSHING	1		
2	AH150594	ROD	1		
2A	H157793	BUSHING	1		
3	H155194	HYDR. CYLINDER ROD GUIDE	1		
4	AT264389	WEAR RING	1		(K) (SUB FOR TH109372)
5	4510494	SNAP RING	1		(SUB FOR TH106169)
6	AT153949	RING	1		(K)
7	AT264374	SEAL	1		(K) (SUB FOR TH105764)
8	AT264375	BACK-UP RING	1		(K) (SUB FOR TH105765)
9	H158164	SCRAPER RING	1		(K)
10	CH18696	PACKING	1		(K)
11	AT264391	BACK-UP RING	1		(K) (SUB FOR TH109374)
12	19M8929	SCREW	10		M14 X 55
13	H158173	PISTON	1		
14	AT264392	RING	1		(K) (SUB FOR TH109376)
15	AT153951	BACK-UP RING	2		(K)
16	H158170	SCRAPER RING	2		(K)
17	AT264394	RING	2		(K) (SUB FOR TH109378)
18	0326007	SHIM	1		(SUB FOR TH110253)
19	H158175	NUT	1		
20	22M7139	SET SCREW	1		M10 X 10
21	400R	BALL	1		6.350 MM (1/4")
23	TH105979	SEAL	2		
25	TH100374	SEAL	2		
26	TH100074	LUBRICATION FITTING	2		
27	8086116	OIL LINE	1		(SUB FOR AT153957 OR 0409113)
28	4S00342	PIPE	1		(SUB FOR AT149463)
29	AT264354	O-RING	2		(SUB FOR TH103574)
30	19M8439	SCREW	8		M8 X 25
31	AH150599	CLAMP	1		
32	0409116	BAND	1		(SUB FOR AT153960)
33	19M7550	CAP SCREW	2		M10 X 35
34	12M7066	LOCK WASHER	2		10 MM (0.394")
35	0310616	CLAMP	1		(SUB FOR TH109386)
36	19M7361	CAP SCREW	2		M12 X 50
37	12M7058	LOCK WASHER	1		12 MM (0.472") (SUB FOR 12M7067)
38	19M8017	CAP SCREW	2		M12 X 20
50	.....	HYDRAULIC CYLINDER	1		(SUB AH148041) (AH153170 NO LONGER AVAILABLE)
51	AH148041	HYDRAULIC CYLINDER	1		(USE IF AVAILABLE)
	9150151EX	HYDRAULIC CYLINDER	1		(SUB FOR AH148041) (SUB FOR AH163275)
90	AH150595	KIT	1		INCLUDES ALL (K) PARTS (SEAL)

LUBRICATE PIPINGS

TP54505 -UN-17JAN97





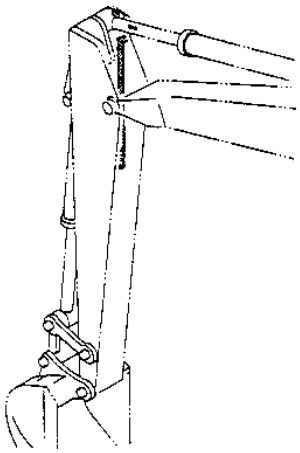
TP54505

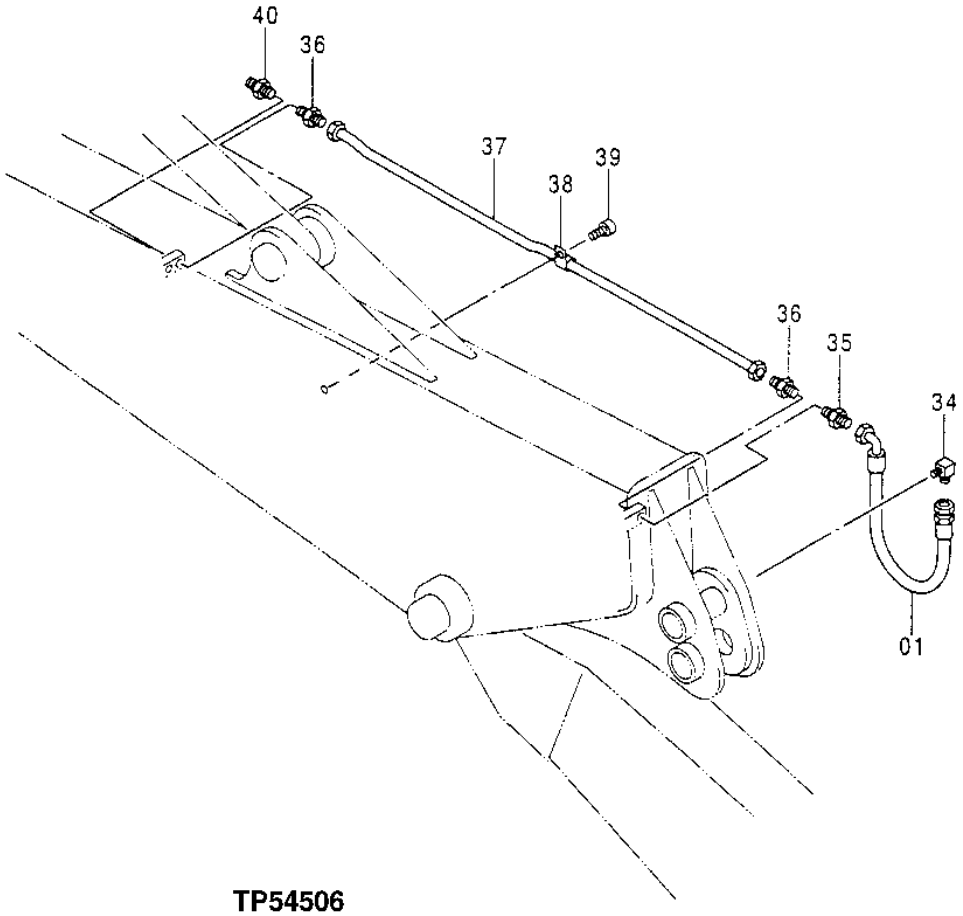
LUBRICATE PIPINGS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4361021	OIL LINE	1		(SUB FOR AT176254)
2	4360981	ADAPTER	2		(SUB FOR AT176256)
3	4345297	ELBOW FITTING	2		(SUB FOR AT176258)
5	4260314	HYDRAULIC HOSE - FABRICATE	1		(SUB FOR AT132503)
6	P63478	HYDRAULIC HOSE - FABRICATE	1		
7	P63480	HYDRAULIC HOSE - FABRICATE	1		
8	X0103-4-4	ADAPTER	6		(SUB FOR TH100963)
10	JD7769	LUBRICATION FITTING	5		
12	T152608	CLAMP	4		(SUB FOR AT154207)
14	19M8324	CAP SCREW	5		M10 X 16
	12M7058	LOCK WASHER	5		12 MM (0.472") (SUB FOR 12M7067)
15	4190261	CLIP	1		(SUB FOR TH109649)
16	4370492	PIPE	1		(SUB FOR P63321)

LUBRICATE PIPINGS FOR LONG ARM

TP54506 -UN-17JAN97





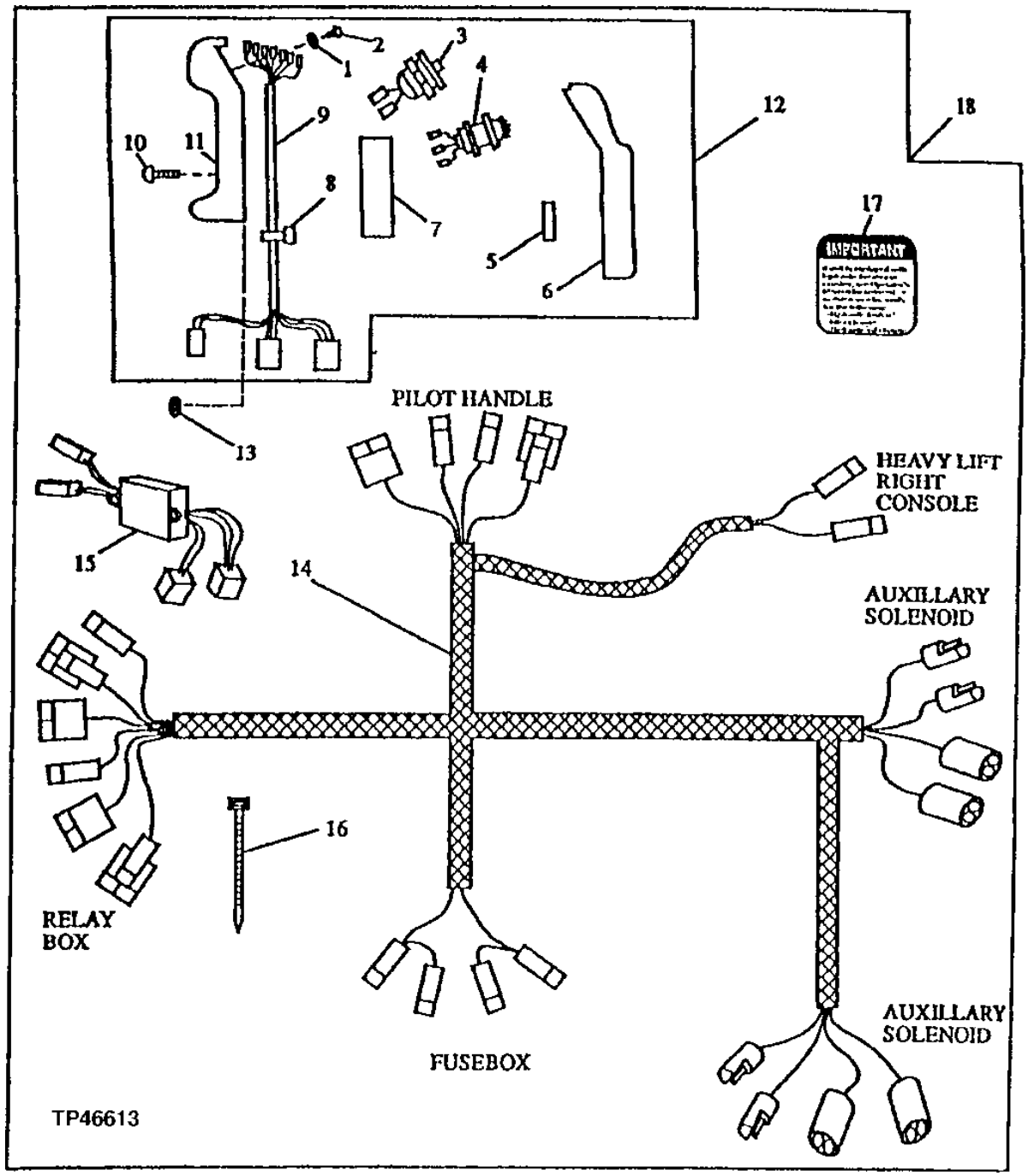
TP54506

LUBRICATE PIPINGS FOR LONG ARM

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	4227083	HYDRAULIC HOSE - FABRICATE	1		(SUB FOR TH111905)
34	4154656	ELBOW FITTING	1		(SUB FOR TH101588)
35	X0103-4-4	ADAPTER	1		(SUB FOR TH100963)
36	4130169	FITTING	2		(SUB FOR TH101391)
37	4271447	PIPE	1		(SUB FOR AT154944)
38	TH101388	CLIP	1		
39	19M7513	CAP SCREW	1		M8 X 30, (SUB FOR 19M7288)
40	T116334	LUBRICATION FITTING	1		

DUAL CONTROL HANDLE WITH WIRING FOR AUXILIARY CONTROLS (2 SOLENOIDS)

TP46613 -UN-10JAN95

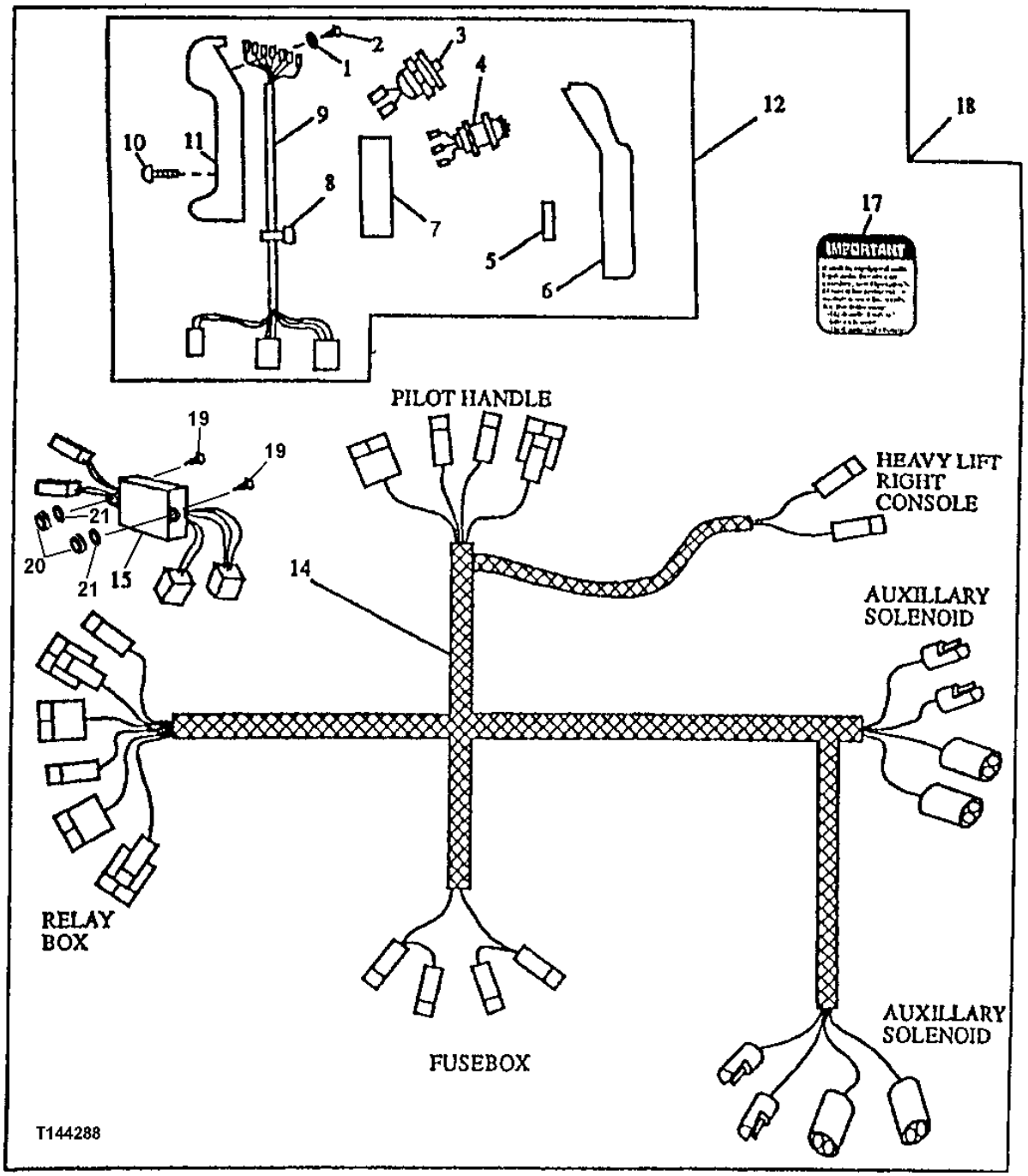


**DUAL CONTROL HANDLE WITH WIRING
FOR AUXILIARY CONTROLS (2 SOLENOIDS)**

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	12H321	WASHER	7		
2	21H1308	SCREW	7		3.505 X 9.525 MM (0.138" X 3/8") (SUB FOR 21H1469)
3	AT139383	TOGGLE/ROCKER SWITCH	1		PUSH BUTTON (MOMENTARY)
4	AT139382	TOGGLE/ROCKER SWITCH	2		
5	R71799	NEEDLE ROLLER	2		
6	T114699	HANDLE	1		
7	T114698	SUPPORT	1		
8	R44302	TIE BAND	2		
9	AT195787	WIRING HARNESS	1		(SUB FOR AT115451)
10	T80394	SCREW	6		
11	AT115448	HANDLE	1		
12	AT195786	CONTROL LEVER	1		(SUB FOR AT135551) PILOT CONTROL
13	24M7240	WASHER	2		
14	AT195788	WIRING HARNESS	1		(SUB FOR AT159553) SOLENOID VALVE
15	AT141562	RELAY MODULE	1		
16	R44302	TIE BAND	6		
17	T149434	LABEL	1		(IMPORTANT) (BETWEEN ASHTRAY AND OPERATOR'S CAUTION DECAL ON RIGHT SIDE OF CAB)
18	.....	KIT	1		(CONTROL HANDLE WITH SWITCHES) WHOLEGOODS (AT162242 NO LONGER AVAILABLE) (SUB AT195784)

**DUAL CONTROL HANDLE WITH WIRING
FOR AUXILIARY CONTROLS (2 SOLENOIDS)**

T144288 -UN-06AUG01

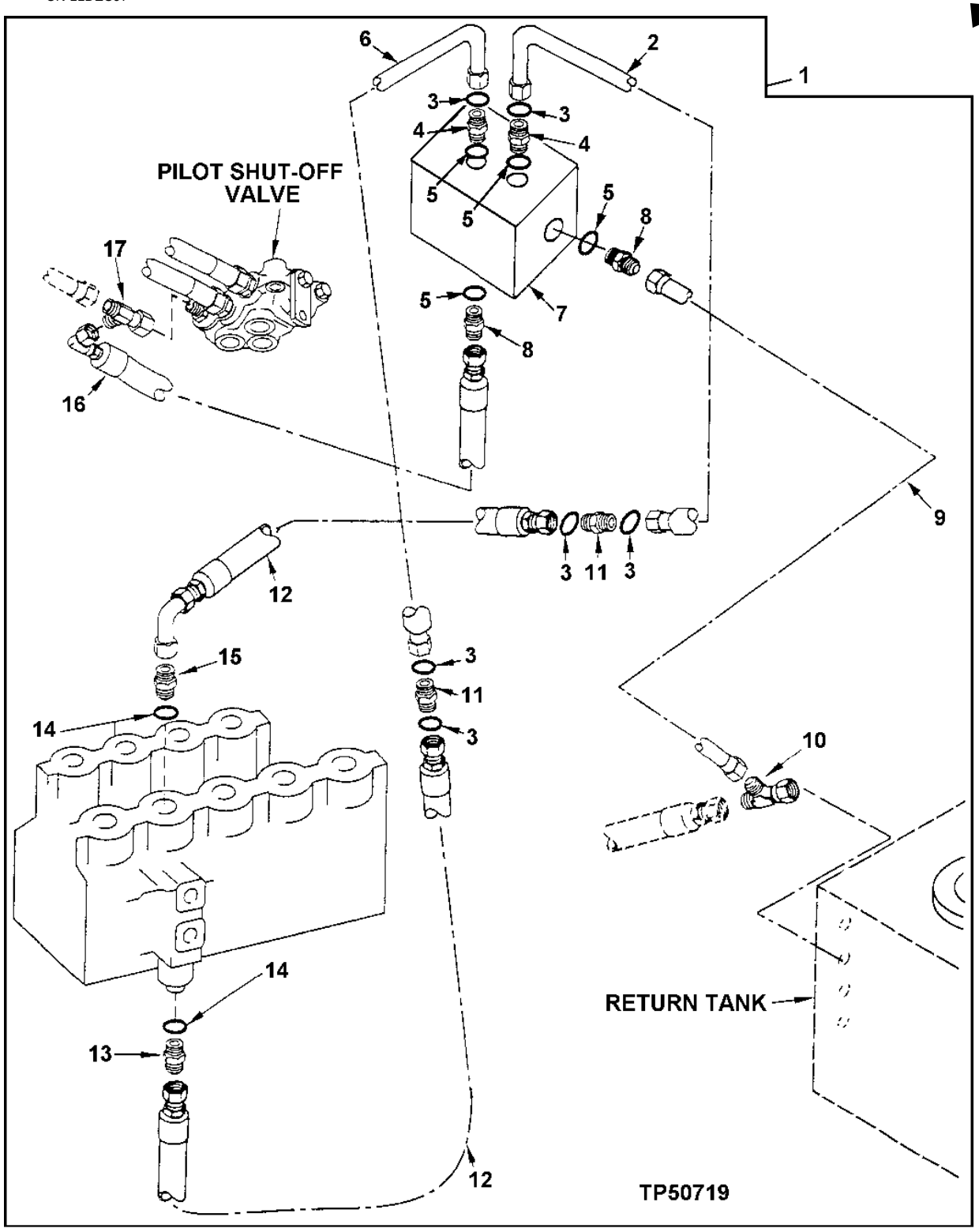


DUAL CONTROL HANDLE WITH WIRING
FOR AUXILIARY CONTROLS (2 SOLENOIDS)

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	12H321	WASHER	7		0.138"
2	21H1308	SCREW	7		0.138" X 3/8"
3	AT139383	TOGGLE/ROCKER SWITCH	1		PUSH BUTTON (MOMENTARY)
4	AT139382	TOGGLE/ROCKER SWITCH	2		
5	R71799	NEEDLE ROLLER	2		
6	T114699	HANDLE	1		
7	T114698	SUPPORT	1		
8	R44302	TIE BAND	2		
9	AT195787	WIRING HARNESS	1		
10	T80394	SCREW	6		
11	AT115448	HANDLE	1		
12	AT195786	CONTROL LEVER	1		PILOT CONTROL
14	AT195788	WIRING HARNESS	1		SOLENOID VALVE
15	AT141562	RELAY MODULE	1		
17	T149434	LABEL	1		(IMPORTANT) (BETWEEN ASHTRAY AND OPERATOR'S CAUTION DECAL ON RIGHT SIDE OF CAB)
18	**AT195784**	**KIT**	**1**		**(CONTROL HANDLE WITH SWITCHES) (SUB FOR AT162242) WHOLEGOODS**
19	21M7246	SCREW	2		M6 X 16
20	14M7272	NUT	2		M6
21	24M7293	WASHER	2		6.500 X 13 X 1.600 MM

ELECTRIC SOLENOID VALVE KIT
(1 WAY/2 WAY)
(WITHOUT PRESSURE SWITCH)

TP50719 -UN-11DEC97

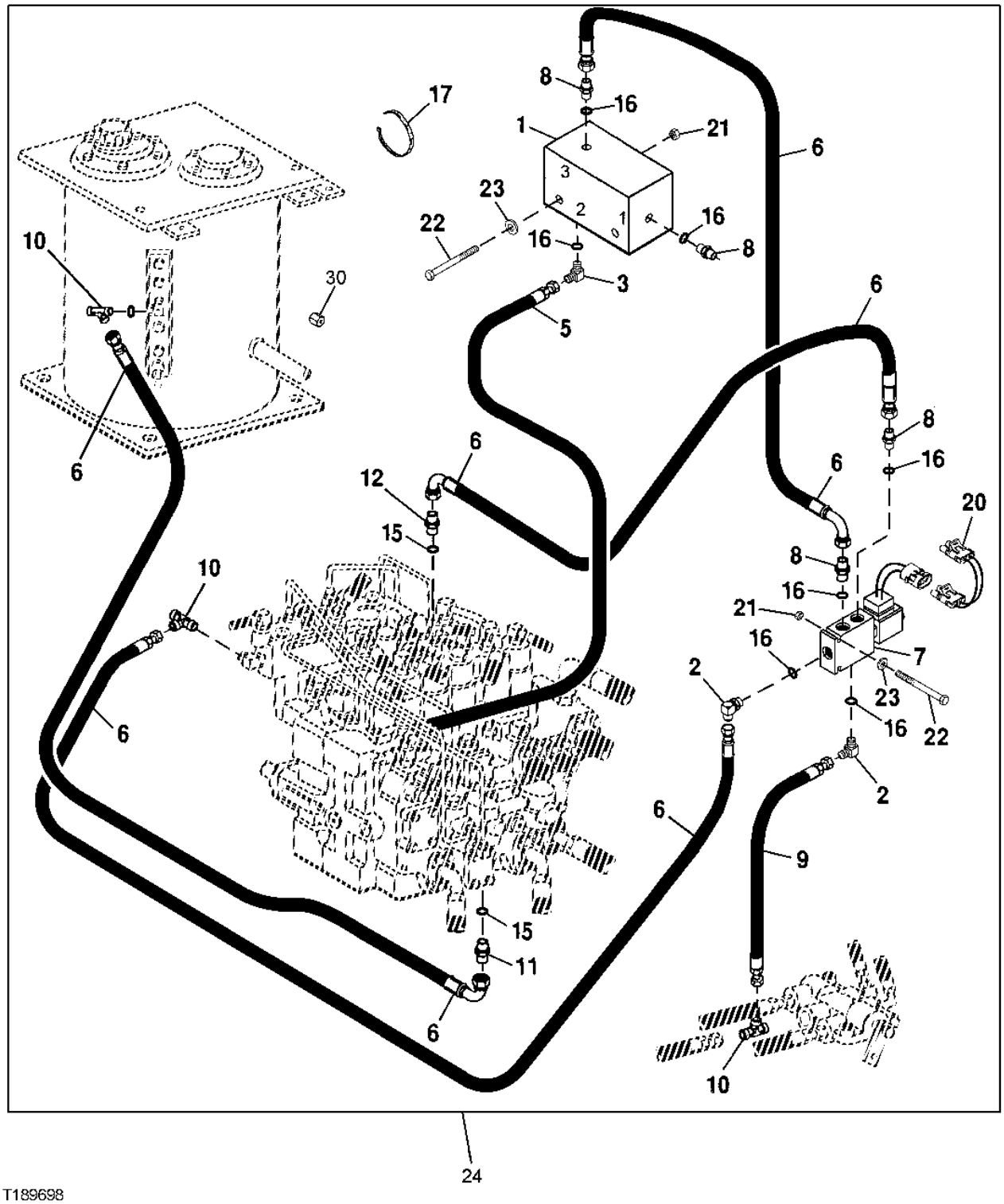


ELECTRIC SOLENOID VALVE KIT
(1 WAY/2 WAY)
(WITHOUT PRESSURE SWITCH)

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AT180467	KIT	1		ELECTRIC SOLONOID VALVE, (ALSO ORDER AT136392, AT137356, (2) AT160348, (2) 38H1030, (4) T77613, (2) R26448 AND (2) 38H1094) WHOLEGOODS WHEN PRESSURE SWITCH KIT IS REQUIRED
2	AT133590	HYDRAULIC HOSE - FABRICATE	1		11/16" X 406 MM (16") X 11/16"
3	T77613	O-RING	6		9.246 X 1.778 MM (0.364" X 0.070")
4	38H1160	ADAPTER	2		
5	R26448	O-RING	4		11.887 X 1.981 MM (0.468" X 5/64")
6	AT168209	HYDRAULIC HOSE - FABRICATE	1		11/16" X 1 066 MM (42") X 11/16"
7	AT180585	SOLENOID	1		
8	R27212	FITTING	2		
9	AT71732	HYDRAULIC HOSE - FABRICATE	1		9/16" X 1 422 MM (56") X 9/16"
10	4200466	ADAPTER	1		(110,200LC,230LC AND 270LC APPLICATIONS ONLY) (SUB FOR TH108320)
	AT36921	TEE FITTING	1		(120 AND 160LC APPLICATIONS ONLY)
11	38H1278	UNION FITTING	2		
12	AT152138	HYDRAULIC HOSE - FABRICATE	2		9/16" X 515 MM (20-1/4") X 11/16"
13	AT131445	ADAPTER	1		
14	CH11570	O-RING	2		13.800 X 2.400 MM (0.543" X 0.094")
15	AT130053	ADAPTER	1		
16	AT130684	HYDRAULIC HOSE - FABRICATE	1		9/16" X 2 520 MM (99-1/4") X 9/16"
17	AT36921	TEE FITTING	1		
18	14M7272	NUT	2		M6, /SOLENOID VALVE/ (NOT ILLUSTRATED)
19	19M7529	CAP SCREW	2		M6 X 55, /SOLENOID VALVE/ (NOT ILLUSTRATED)

SOLENOID CONTROL WITH FLOW CONTROL KIT (1-WAY)

T189698 -UN-21APR03



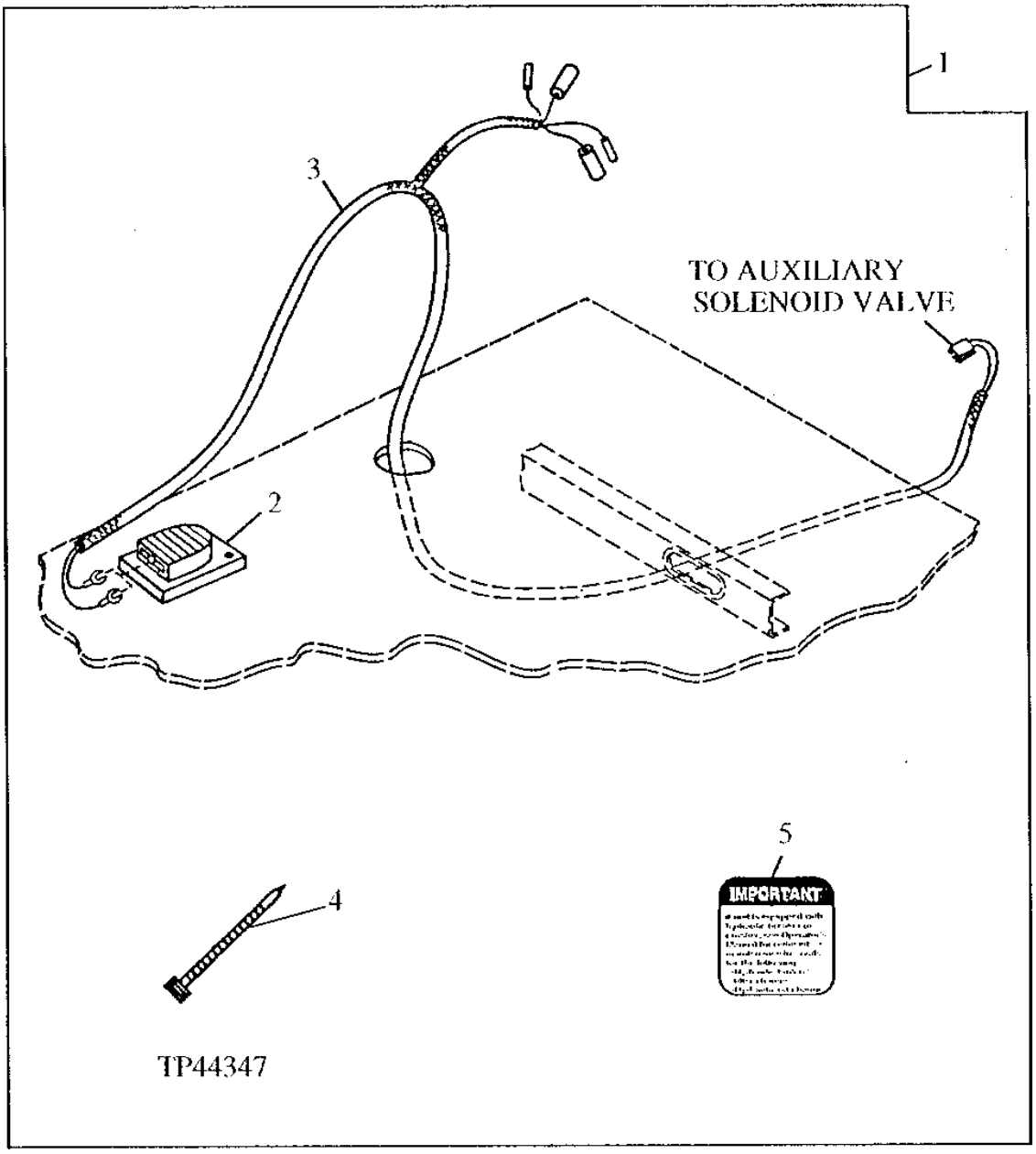
T189698

SOLENOID CONTROL WITH FLOW CONTROL KIT (1-WAY)

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AT186623	HYDRAULIC PRESSURE VALVE	1		
2	AT35121	ELBOW FITTING	4		
3	AH75160	ELBOW FITTING	2		
5	AE42718	HYDRAULIC HOSE	1		
6	AT71732	HYDRAULIC HOSE - FABRICATE	4		
7	AT306723	ELEC.PROPORTIONAL VALVE	1		(SUB FOR AT116486 AND AT140041)
	.....	ELECTRICAL COIL	1		(AT140041 NO LONGER AVAILABLE)
8	R27212	FITTING	4		
9	AT130684	HYDRAULIC HOSE - FABRICATE	1		
10	AT36921	TEE FITTING	3		
11	4200466	ADAPTER	1		(SUB FOR TH108320)
12	AT130053	ADAPTER	1		
15	CH11570	O-RING	2		13.800 X 2.400 MM (0.543" X 0.094")
16	R26448	O-RING	2		11.887 X 1.981 MM (0.468" X 5/64")
17	R44302	TIE BAND	4		
20	AT191297	WIRING HARNESS	1		
21	14M7272	NUT	4		M6
22	19M7529	CAP SCREW	4		M6 X 55
23	24M7139	WASHER	4		6.400 X 18 X 1.600 MM
24	**AT186622**	**SPOOL VALVE**	**1**		**(WHOLE GOODS) (COMPLETE KIT) (ALSO ORDER T188662 INSTRUCTIONS)**
25	AT71082	HYDRAULIC HOSE - FABRICATE	1		(NOT ILLUSTRATED)
26	AE24616	ELBOW FITTING	1		(NOT ILLUSTRATED)
30	R31147	FITTING	1		

**ELECTRIC FOOT SWITCH
FOR AUXILIARY CONTROL (ONE SOLENOID)**

TP44347 -UN-01JAN94

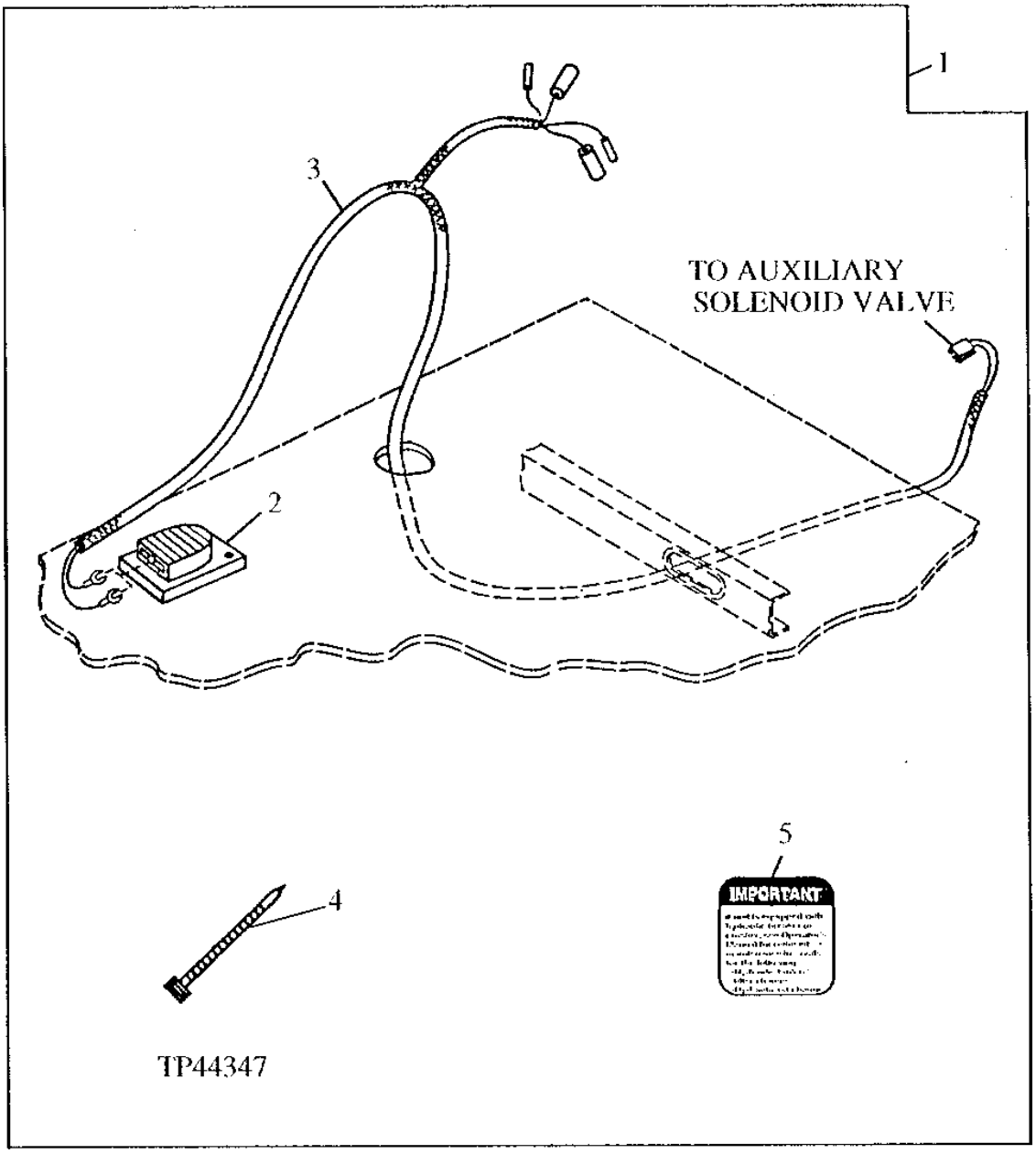


ELECTRIC FOOT SWITCH
FOR AUXILIARY CONTROL (ONE SOLENOID)

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	.....	SWITCH	1		WHOLEGOODS (ELECTRIC FOOT SWITCH FOR AUXILIARY VALVE) (AT164896 NO LONGER AVAILABLE) (SUB AT196587)
2	AT82210	SWITCH	1		(ELECTRIC FOOT CONTROL)
3	AT161183	WIRING HARNESS	1		
4	R44302	TIE BAND	2		(USE AS REQUIRED)
5	T149434	LABEL	1		(IMPORTANT - AUXILIARY ELECTRIC CONTROL)

**ELECTRIC FOOT SWITCH
FOR AUXILIARY CONTROL (ONE SOLENOID)**

TP44347 -UN-01JAN94

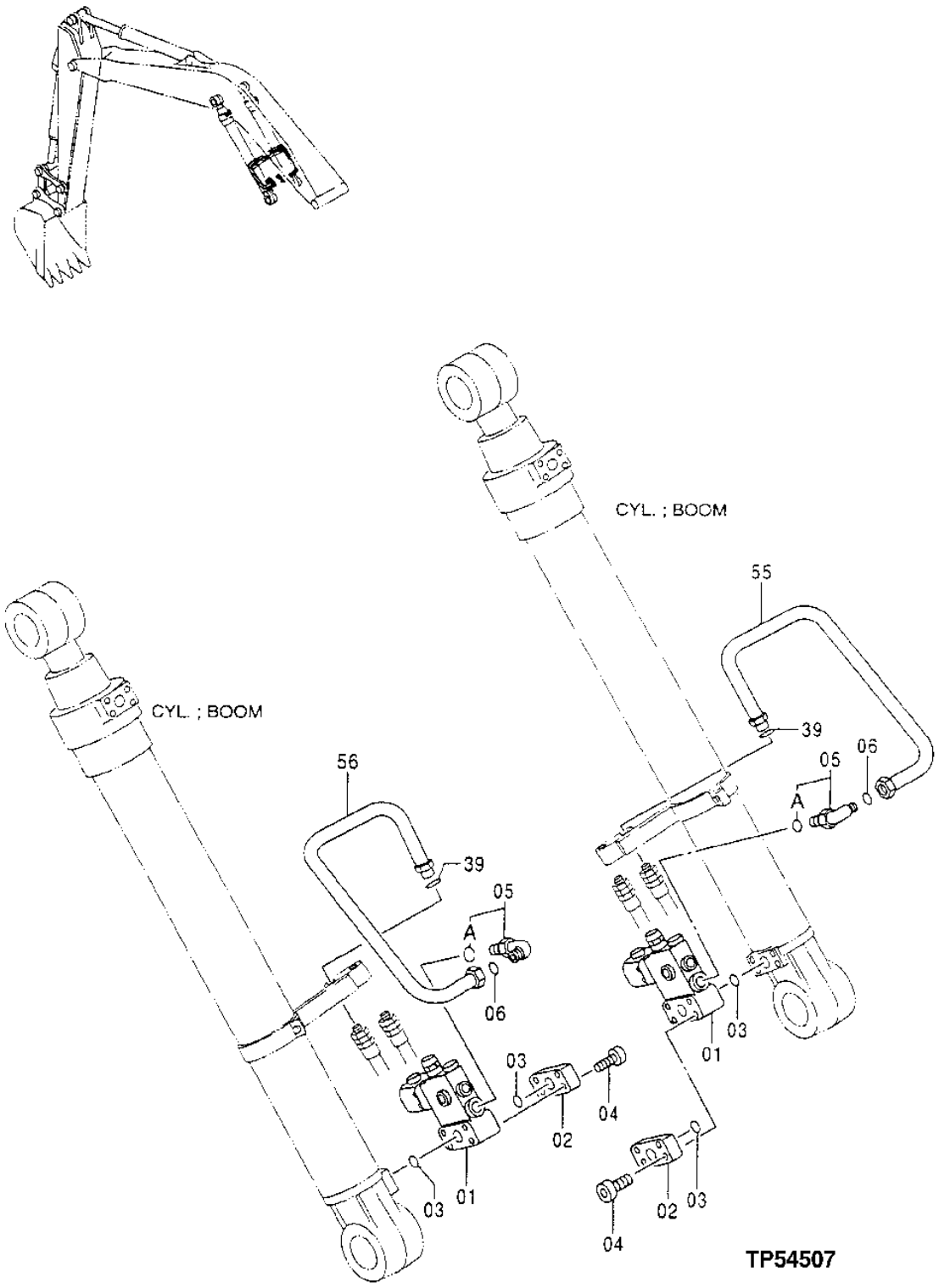


ELECTRIC FOOT SWITCH
FOR AUXILIARY CONTROL (ONE SOLENOID)

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	**AT196587**	**SWITCH**	**1**		**(SUB FOR AT164896) WHOLEGOODS (ELECTRIC FOOT SWITCH FOR AUXILIARY VALVE)**
2	AT82210	SWITCH	1		(ELECTRIC FOOT CONTROL)
3	AT196588	WIRING HARNESS	1		
4	R44302	TIE BAND	2		(USE AS REQUIRED)
5	T149434	LABEL	1		(IMPORTANT - AUXILIARY ELECTRIC CONTROL)

LOAD LOWERING VALVE BOOM PIPINGS

TP54507 -UN-17JAN97

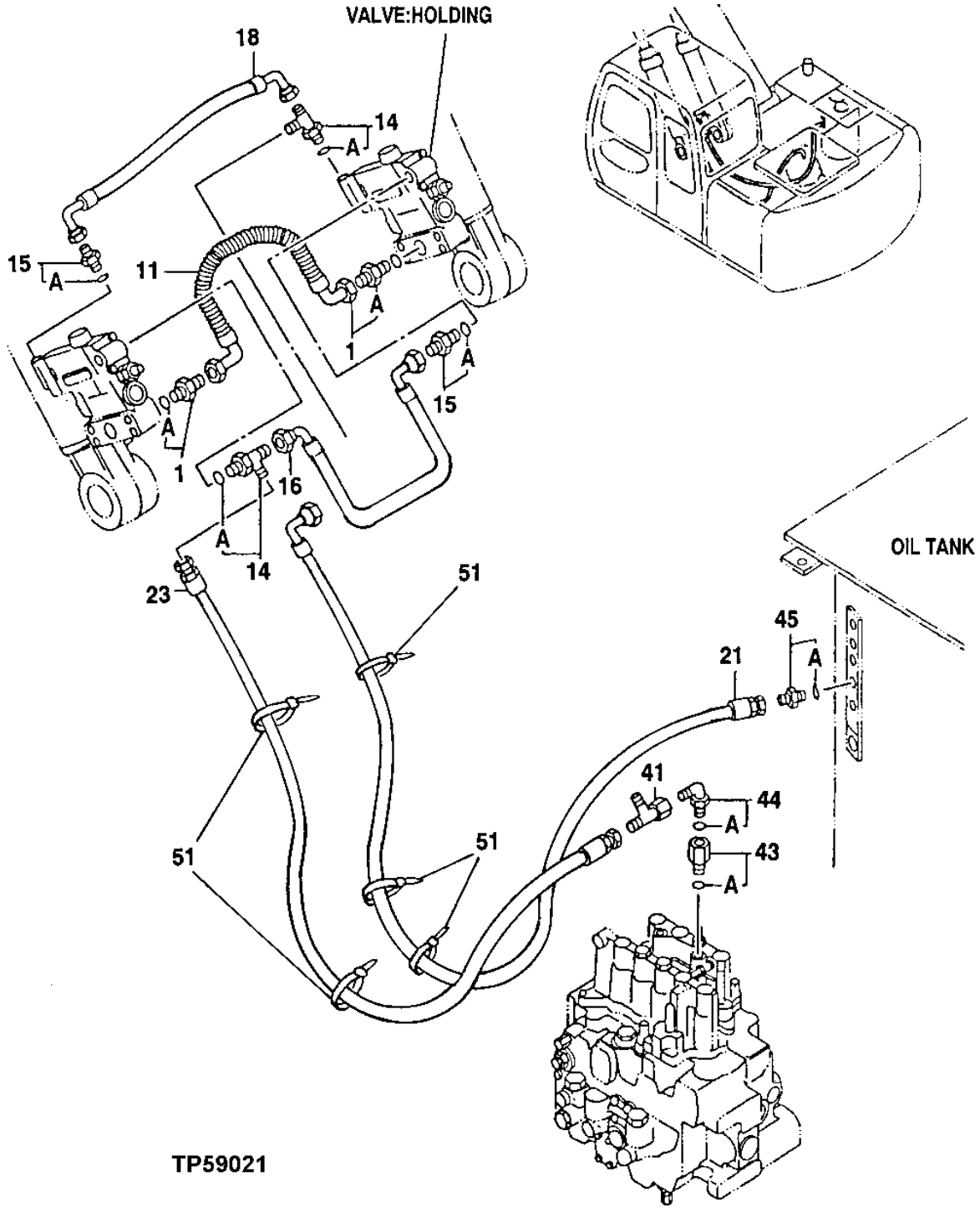


LOAD LOWERING VALVE BOOM PIPINGS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	4345286	FLOW CONTROL HYD. VALVE	2		(SUB FOR AT179148)
2	4293167	FLANGE	2		(SUB FOR AT172336)
3	A811030	O-RING	4		29.400 X 3.100 MM (1.157" X 0.122") (SUB FOR TH101300)
4	M341095	BOLT	8		(SUB FOR AT172341)
5	4322739	ELBOW FITTING	2		(SUB FOR AT172342)
5A	AT318035	O-RING	1		(SUB FOR 4506424, TH100055)
6	T77858	O-RING	2		18.771 X 1.778 MM (0.739" X 0.070")
39	T77857	O-RING	2		12.421 X 1.778 MM (0.489" X 0.070")
55	8062343	PIPE	1		(SUB FOR AT172343)
56	8062344	PIPE	1		(SUB FOR AT172344)
60	.....	KIT	1		(AT184144 NO LONGER AVAILABLE) (LOAD LOWERING) (NOT ILLUSTRATED) (CONTAINS ALL PARTS LISTED ON THIS PAGE - ADDITIONAL COMPONENTS ON FOLLOWING PAGES)

LOAD LOWERING VALVE BOOM PIPINGS

TP59021 -UN-16MAR98

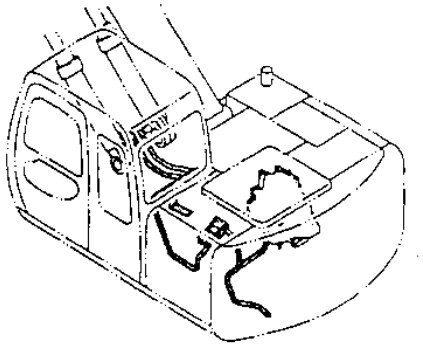


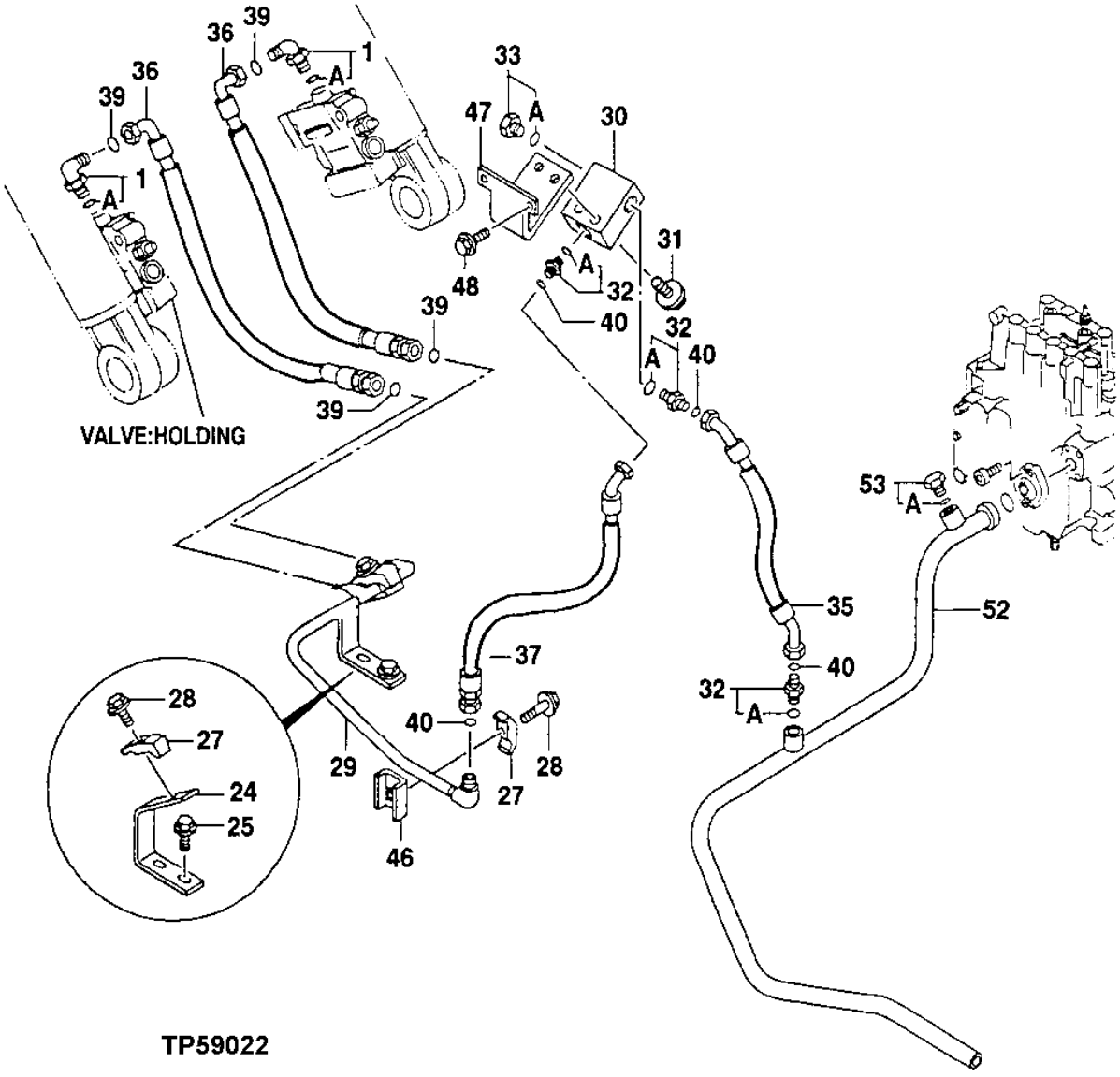
LOAD LOWERING VALVE BOOM PIPINGS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	4200465	ADAPTER	2		(SUB FOR TH108328)
1A	M800650	PACKING	1		
11	AT172345	HYDRAULIC HOSE - FABRICATE	1		
14	4205363	TEE FITTING	2		(SUB FOR AT126362)
14A	CH11570	O-RING	1		13.800 X 2.400 MM (0.543" X 0.094")
15	4200466	ADAPTER	2		(SUB FOR TH108320)
15A	CH11570	O-RING	1		13.800 X 2.400 MM (0.543" X 0.094")
16	AT172346	HYDRAULIC HOSE - FABRICATE	1		
18	AT172348	HYDRAULIC HOSE - FABRICATE	1		
21	AT179149	HYDRAULIC HOSE - FABRICATE	1		
	4327293	HOSE GUARD	3		(SUB FOR AT213831)
23	AT179150	HYDRAULIC HOSE - FABRICATE	1		
	4327293	HOSE GUARD	3		(SUB FOR AT213831)
41	4246672	TEE FITTING	1		(SUB FOR AT200991)
43	4202564	ADAPTER	1		(SUB FOR AT179155) (SUB FOR AT215879)
43A	M800650	PACKING	1		
44	AT318014	ELBOW FITTING	1		(SUB FOR 4156434) (SUB FOR TH101930)
44A	M800650	PACKING	1		
45	4261938	FITTING	1		(SUB FOR AT154285)
45A	CH11570	O-RING	1		13.800 X 2.400 MM (0.543" X 0.094")
51	H77698	TIE BAND	5		
60	.....	KIT	1		(AT184144 NO LONGER AVAILABLE) (LOAD LOWERING) (NOT ILLUSTRATED) (CONTAINS ALL ITEMS LISTED ON THIS PAGE - ADDITIONAL COMPONENTS ON PREVIOUS AND FOLLOWING PAGES)

LOAD LOWERING VALVE BOOM PIPINGS

TP59022 -UN-16MAR98





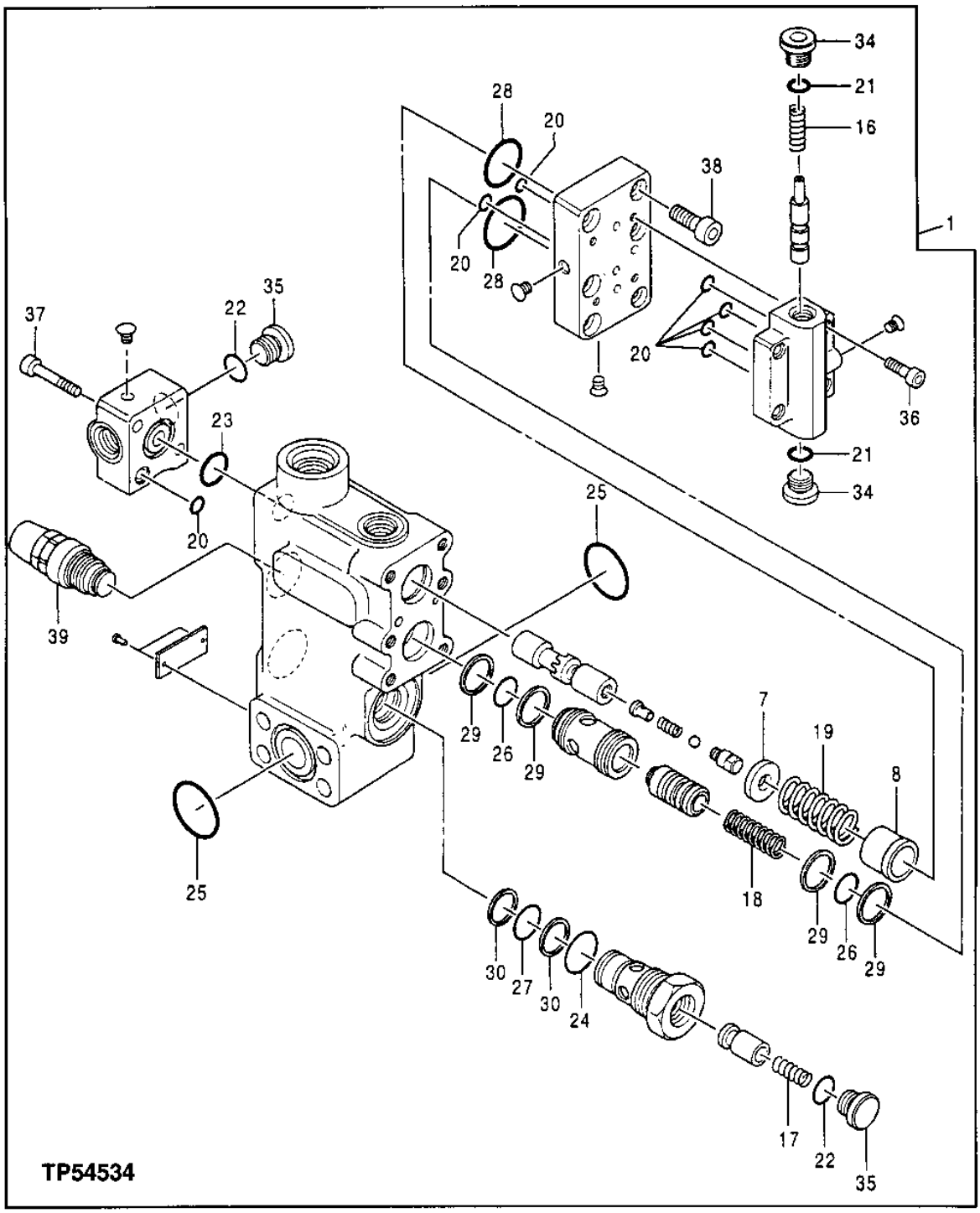
LOAD LOWERING VALVE BOOM PIPINGS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	4217341	ELBOW FITTING	2		(SUB FOR AT126684)
1A	AT318035	O-RING	1		(SUB FOR 4506424, TH100055)
24	9739018	SUPPORT	1		(SUB FOR AT172351)
25	19M7403	CAP SCREW	2		M12 X 35
	12H301	LOCK WASHER	2		12.700 MM (1/2")
	24M7047	WASHER	2		13 X 24 X 2.500 MM (0.512" X 0.945" X 0.098")
27	4190125	CLAMP	2		(SUB FOR TH108960)
28	19M7361	CAP SCREW	2		M12 X 50
	12H301	LOCK WASHER	2		12.700 MM (1/2")
29	8059789	PIPE	1		(SUB FOR AT172352)
30	3060670	MANIFOLD	1		(SUB FOR AT172353)
31	19M7493	CAP SCREW	2		M12 X 40
	12H301	LOCK WASHER	2		12.700 MM (1/2")
32	4189619	ADAPTER	3		(SUB FOR AT107392)
32A	AT318035	O-RING	1		(SUB FOR 4506424, TH100055)
33	4174542	DRAIN PLUG	1		(SUB FOR TH110478)
33A	AT318035	O-RING	1		(SUB FOR 4506424, TH100055)
35	AT184147	HYDRAULIC HOSE - FABRICATE	1		
36	AT172354	HYDRAULIC HOSE - FABRICATE	2		
37	AT179152	HYDRAULIC HOSE - FABRICATE	1		
39	T77857	O-RING	4		12.421 X 1.778 MM (0.489" X 0.070")
40	T77858	O-RING	4		18.771 X 1.778 MM (0.739" X 0.070")
46	9735916	CHANNEL	1		(SUB FOR AT157648)
47	8064822	BRACKET	1		(SUB FOR AT179156)
48	19M7662	CAP SCREW	2		M10 X 30
	12M7058	LOCK WASHER	2		12 MM (0.472") (SUB FOR 12M7067)
	24M7346	WASHER	2		11 X 20 X 2 MM (0.433" X 0.787" X 0.079")
52	7031050	PIPE	1		(SUB FOR AT179157)
53	4174542	DRAIN PLUG	1		(SUB FOR TH110478)
53A	AT318035	O-RING	1		(SUB FOR 4506424, TH100055)
60	.....	KIT	1		(AT184144 NO LONGER AVAILABLE) (LOAD LOWERING) (NOT ILLUSTRATED) (CONTAINS ALL ITEMS ON THIS PAGE - ADDITIONAL COMPONENTS LISTED ON PREVIOUS PAGES)

3H19

HOLDING VALVE

TP54534 -UN-05FEB97

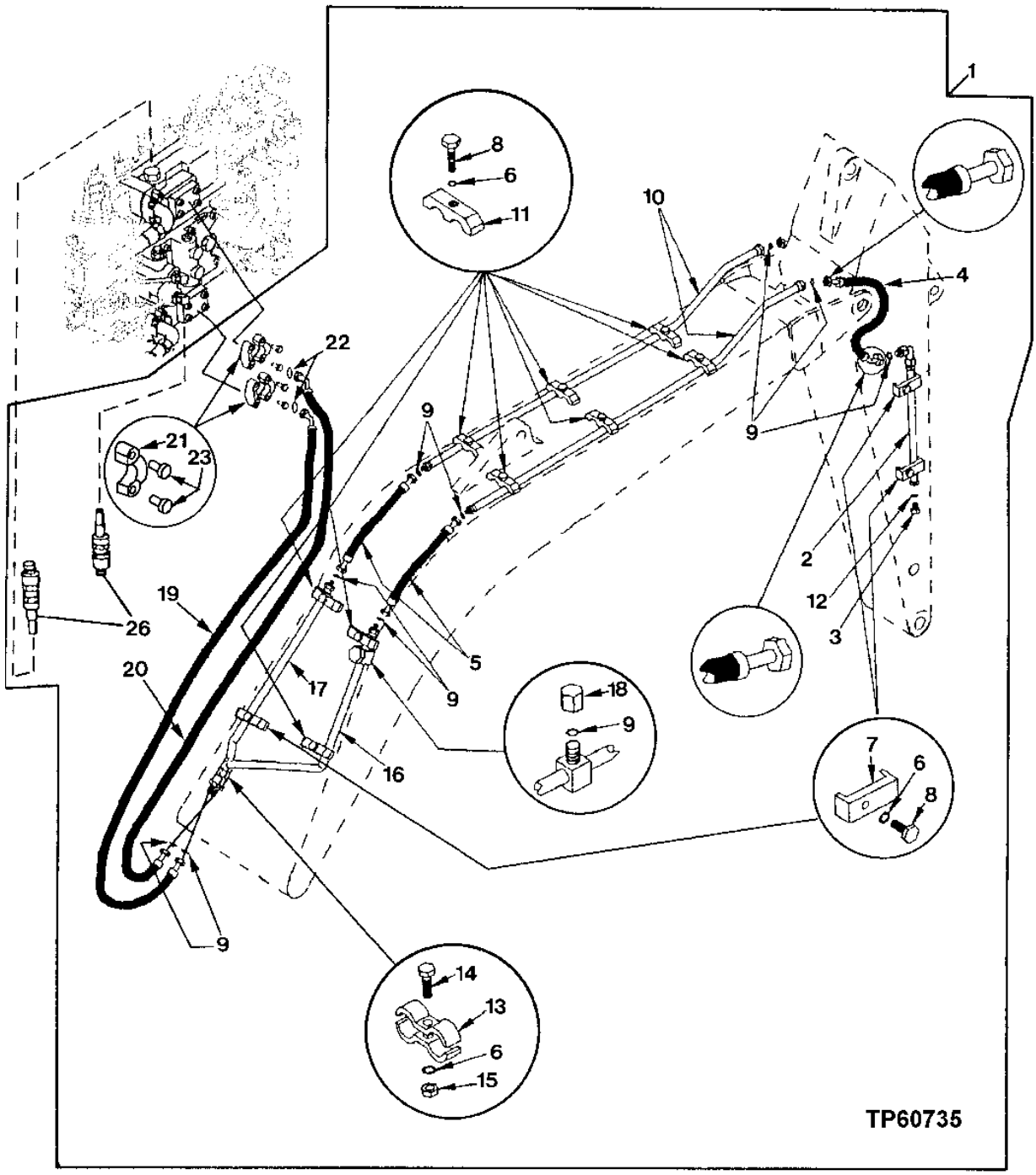


HOLDING VALVE

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	4345286	FLOW CONTROL HYD. VALVE	1		(SUB FOR AT179148) (LOAD LOWERING BOOM HOLDING VALVE)
7	0620301	SPRING	1		(SUB FOR AT172358)
8	0620302	SPACER	1		(SUB FOR AT172359)
16	0620303	SPRING	1		(SUB FOR AT172360)
17	0498503	SPRING	1		(SUB FOR AT172361)
18	0620304	SPRING	1		(SUB FOR AT172362)
19	0620305	SPRING	1		(SUB FOR AT172363)
20	CH11568	PACKING	7		
21	M800650	PACKING	2		
22	CH11570	O-RING	2		13.800 X 2.400 MM (0.543" X 0.094")
23	CH12329	PACKING	1		
24	AT318035	O-RING	1		(SUB FOR 4506424, TH100055)
25	A811030	O-RING	2		29.400 X 3.100 MM (1.157" X 0.122") (SUB FOR TH101300)
26	0294414	O-RING	2		21.946 X 1.778 MM (0.864" X 0.070") (SUB FOR TH105847)
27	R375R	O-RING	1		15.545 X 2.616 MM (0.612" X 0.103")
28	T141687	O-RING	2		28.245 X 2.616 MM (1.112" X 0.103")
29	0620306	BACK-UP RING	4		(SUB FOR AT172366)
30	0230908	BACK-UP RING	2		(SUB FOR TH104755)
34	0215221	PIPE PLUG	2		(SUB FOR TH101486)
35	0311336	PIPE PLUG	3		(SUB FOR TH109082)
36	0620307	BOLT	4		(SUB FOR AT172367)
37	0620308	BOLT	2		(SUB FOR AT172368)
38	0627910	BOLT	6		(SUB FOR AT172369)
39	4324747	RELIEF VALVE	1		(SUB FOR AT172370)

AUXILIARY HYDRAULIC PLUMBING
(BOOM AND ARM KIT)

TP60735 -UN-18AUG98

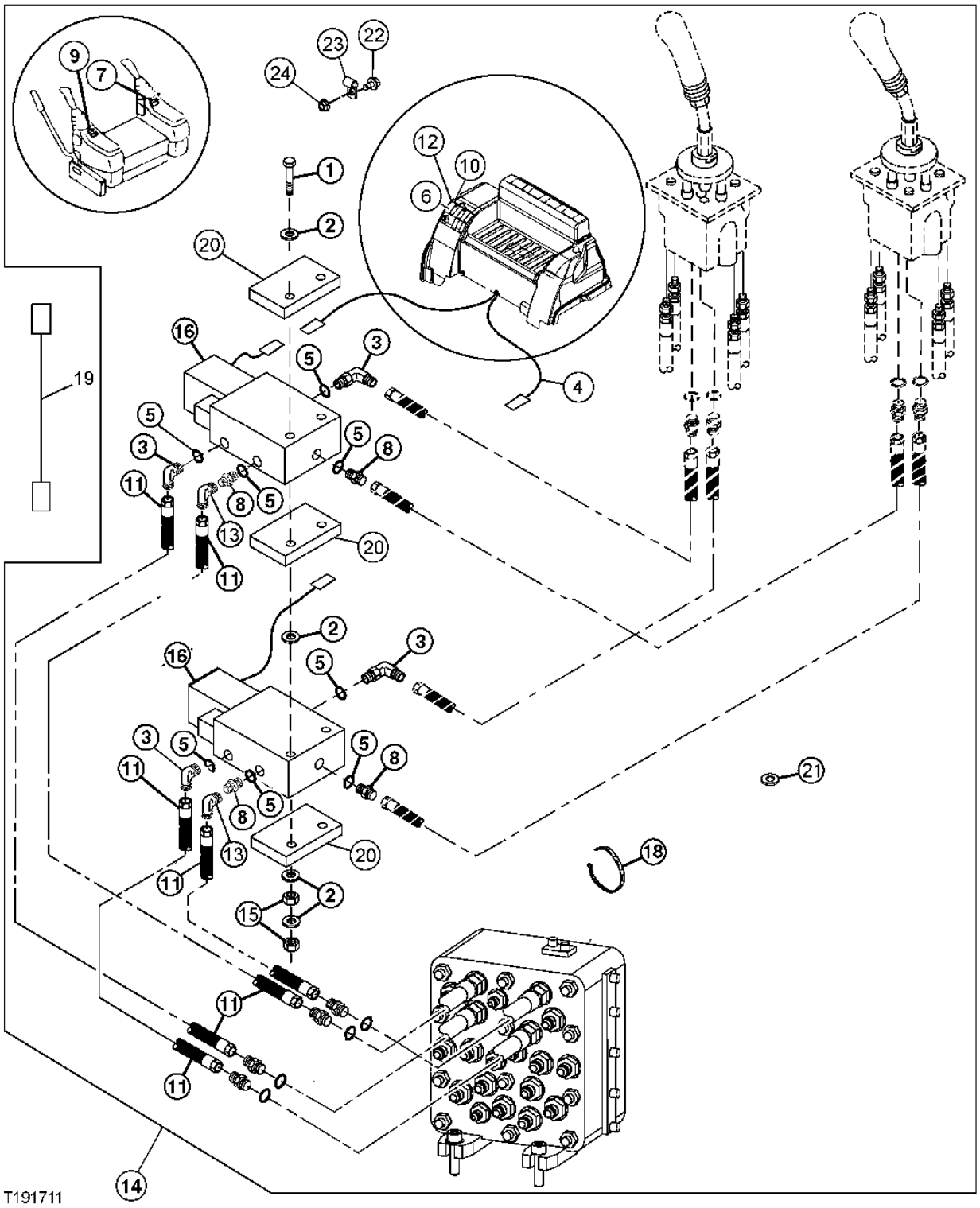


AUXILIARY HYDRAULIC PLUMBING
(BOOM AND ARM KIT)

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AT183004	KIT	1		(AUXILIARY PLUMBING) WHOLEGOODS
2	AT160177	OIL TUBE	2		
3	38H1150	FITTING PLUG	2		
4	AT147203	HYDRAULIC HOSE - FABRICATE	2		
5	AT160161	HYDRAULIC HOSE - FABRICATE	2		
6	12H301	LOCK WASHER	15		1/2"
7	4190126	CLAMP	5		(SUB FOR TH109830)
8	19M7363	CAP SCREW	14		M12 X 60
9	T77858	O-RING	11		
10	AP35000	OIL TUBE	2		
11	4141806	CLAMP	9		(SUB FOR TH100968)
12	T76938	O-RING	2		
13	4202103	CLAMP	2		(SUB FOR TH108302)
14	19M7361	CAP SCREW	1		M12 X 50
15	14M7275	NUT	1		M12
16	AP33323	PIPE	1		
17	AP33324	PIPE	1		
18	38H1418	FITTING	1		
19	AP33343	HYDRAULIC HOSE - FABRICATE	1		
20	AP33342	HOSE	1		
21	R29424	FLANGE FITTING	4		
22	T59014	O-RING	2		
23	.....	SCREW	8		(USE EXISTING 19M8337 CAPSCREWS)
26	9200504	PRESSURE RELIEF VALVE	2		(SUB FOR AT155692 OR 4261539)

CONTROL PATTERN SELECTOR KIT

T191711 -UN-04JUN03

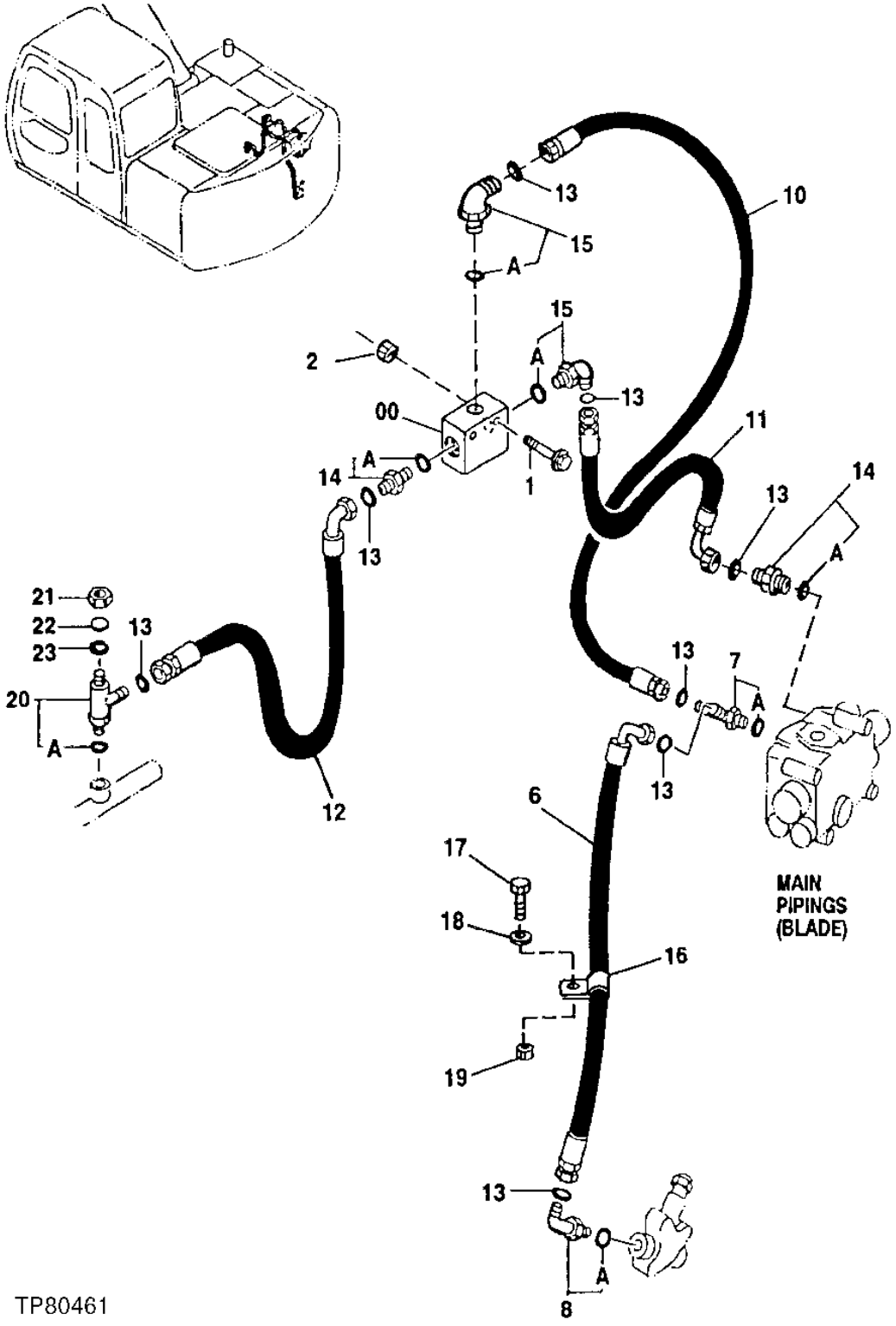


CONTROL PATTERN SELECTOR KIT

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	19M8332	CAP SCREW	2		M6 X 90
2	24M7100	WASHER	10		6.600 X 22 X 2 MM
3	AT35121	ELBOW FITTING	4		37 DEG FLARE O-RING
4	AT307710	WIRING HARNESS	1		(SUB FOR AT190535)
5	R26448	O-RING	8		
6	AT83721	TOGGLE/ROCKER SWITCH	1		LOCKING
7	T159843	LABEL	4		CONTROL RIGHT
8	R27212	FITTING	4		
9	T159844	LABEL	1		CONTROL LEFT
10	T184858	LABEL	1		CONTROL PATTERN
11	AT71082	HYDRAULIC HOSE - FABRICATE	4		
12	37H43	SCREW	2		DRIVE SELF TAPPING
13	AE24616	ELBOW FITTING	2		
14	.....	KIT	1		(AT307709 NO LONGER AVAILABLE) (WHOLEGOODS) CONTROL PATTERN SELECTOR KIT, (SUB FOR AT191397)
15	14M7272	NUT	4		M6
16	AT306723	ELEC.PROPORTIONAL VALVE	2		(SUB FOR AT116486 AND AT140041) PIN DISCONNECT
	.....	ELECTRICAL COIL	1		(AT140041 NO LONGER AVAILABLE)
18	R44302	TIE BAND	AR		
20	T202379	BRACKET	3		
21	T63817	GROMMET	1		
22	19M7863	SCREW	3		
23	T22645	CLIP	4		
24	14M7272	NUT	3		
25	AR94101	DIODE	1		(NOT ILLUSTRATED)

RETURN BLADE PIPINGS

TP80461 -UN-24FEB00

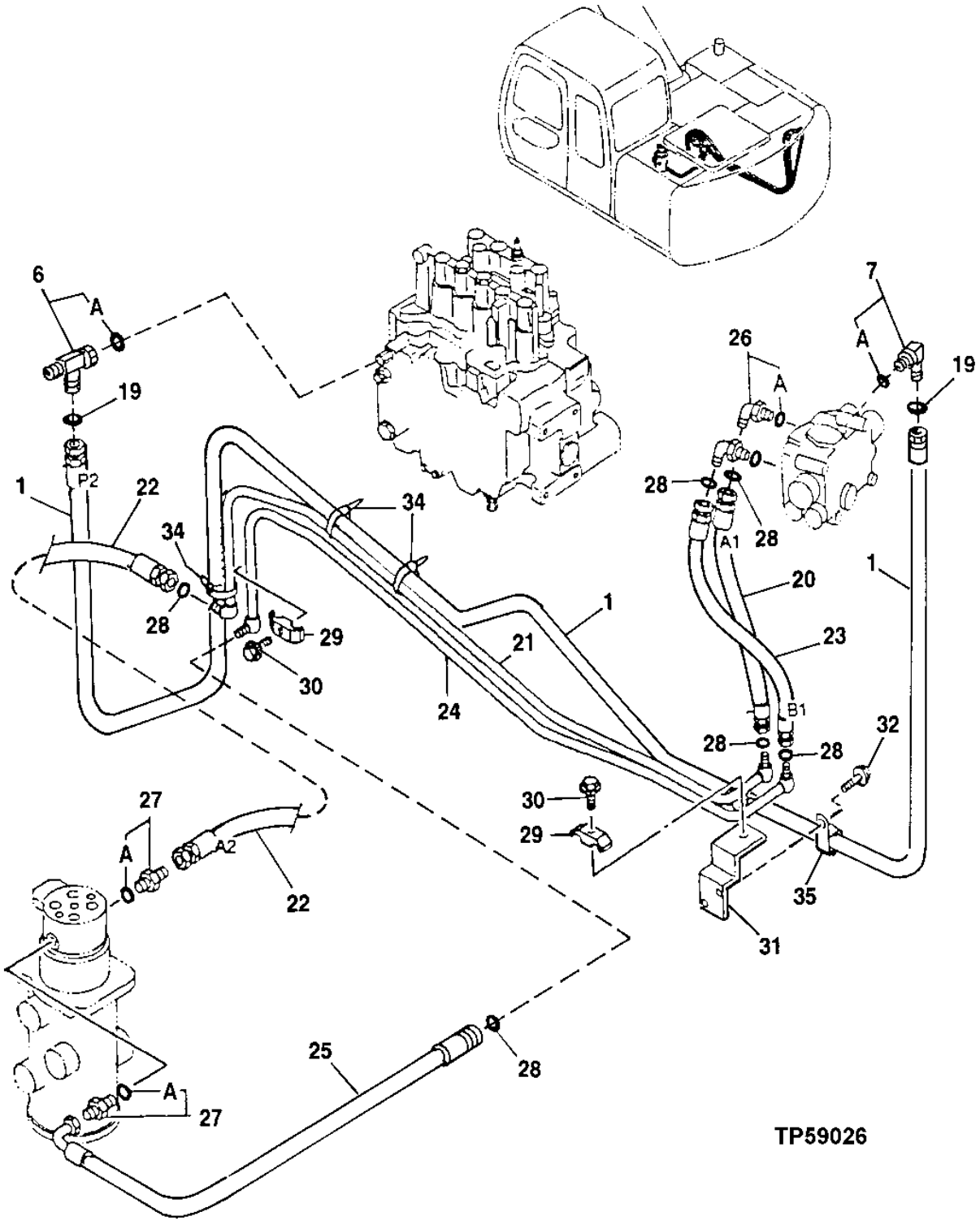


RETURN BLADE PIPINGS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	P64925	MANIFOLD	1		
1	19M8081	CAP SCREW	2		M10 X 80, (SUB FOR 19M8504, THIS APPLICATION)
	12M7066	LOCK WASHER	2		10 MM (0.394") (SUB FOR 12M7065, THIS APPLICATION)
	24M7028	WASHER	2		10.500 X 20 X 2 MM (0.413" X 0.787" X 0.079") (SUB FOR 24M7207, THIS APPLICATION)
2	14M7298	FLANGE NUT	2		M8
6	AP35200	HYDRAULIC HOSE - FABRICATE	1		
7	4205383	TEE FITTING	1		(SUB FOR AT134051)
7A	4506418	O-RING	1		(SUB FOR U46489)
8	A853344	ELBOW FITTING	1		(SUB FOR TH108401, 4200580)
8A	4506418	O-RING	1		(SUB FOR U46489)
10	AP35205	HYDRAULIC HOSE - FABRICATE	1		
11	AP35208	HYDRAULIC HOSE - FABRICATE	1		
12	AP35206	HYDRAULIC HOSE - FABRICATE	1		
13	T77857	O-RING	8		
14	4189602	FITTING	2		(SUB FOR TH108350)
14A	4506418	O-RING	1		(SUB FOR U46489)
15	A853344	ELBOW FITTING	2		(SUB FOR TH108401, 4200580)
15A	4506418	O-RING	1		(SUB FOR U46489)
16	T24432	CLAMP	1		(SUB FOR T78787 OR TH108595, THIS APPLICATION)
17	19M7513	CAP SCREW	1		M8 X 30
18	24M7055	WASHER	1		8.400 X 16 X 1.600 MM (0.331" X 0.630" X 0.063")
19	14M7273	NUT	1		M8
20	4383391	TEE FITTING	1		(SUB FOR AP34932)
20A	AT318035	O-RING	1		(SUB FOR 4506424, TH100055)
21	38H1356	TUBE NUT	1		
22	4189094	FITTING PLUG	1		(SUB FOR AT122960)
23	T77858	O-RING	1		

CENTER JOINT BLADE PIPINGS

TP59026 -UN-16MAR98

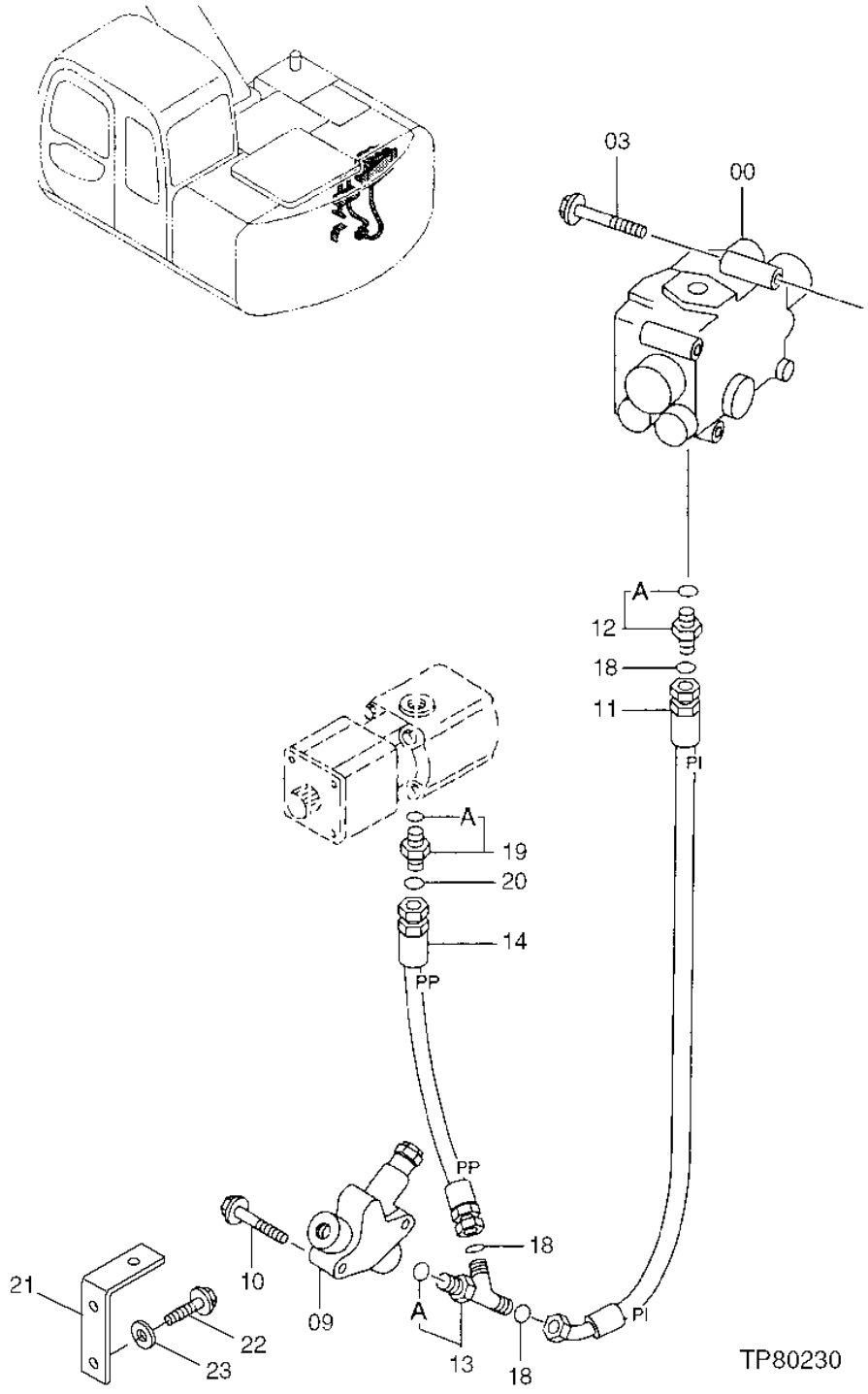


CENTER JOINT BLADE PIPINGS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	AP35202	HYDRAULIC HOSE - FABRICATE	1		
6	4157562	ELBOW FITTING	1		(SUB FOR TH109540)
6A	AT318035	O-RING	1		(SUB FOR 4506424, TH100055)
7	4218070	TEE FITTING	1		(SUB FOR AT200408)
7A	AT318035	O-RING	1		(SUB FOR 4506424, TH100055)
19	T77858	O-RING	2		18.771 X 1.778 MM (0.739" X 0.070")
20	AP35201	HYDRAULIC HOSE - FABRICATE	1		
21	AP35049	OIL TUBE	1		
22	AP35540	HYDRAULIC HOSE - FABRICATE	1		
23	AP35203	HYDRAULIC HOSE - FABRICATE	1		
24	AP35048	OIL TUBE	1		
25	AP35845	HYDRAULIC HOSE	1		(SUB FOR AP35539)
26	4200580	ELBOW FITTING	2		(SUB FOR TH108401)
26A	4506418	O-RING	1		(SUB FOR U46489)
27	4189602	FITTING	2		(SUB FOR TH108350)
27A	4506418	O-RING	1		(SUB FOR U46489)
28	T77857	O-RING	8		
29	4189858	CLAMP	2		(SUB FOR TH108333)
30	19M7362	CAP SCREW	2		M12 X 55
	24M7047	WASHER	2		13 X 24 X 2.500 MM (0.512" X 0.945" X 0.098")
	12M7058	LOCK WASHER	2		12 MM (0.472") (SUB FOR 12M7067)
31	9746961	BRACKET	1		(SUB FOR AP34951)
32	19M7662	CAP SCREW	2		M10 X 30
	12M7066	LOCK WASHER	2		10 MM (0.394")
34	H77698	TIE BAND	3		
35	4193848	CLIP	1		(SUB FOR TH110522)

MAIN PIPINGS (BLADE CONTROL VALVE)

TP80230 -UN-29SEP99

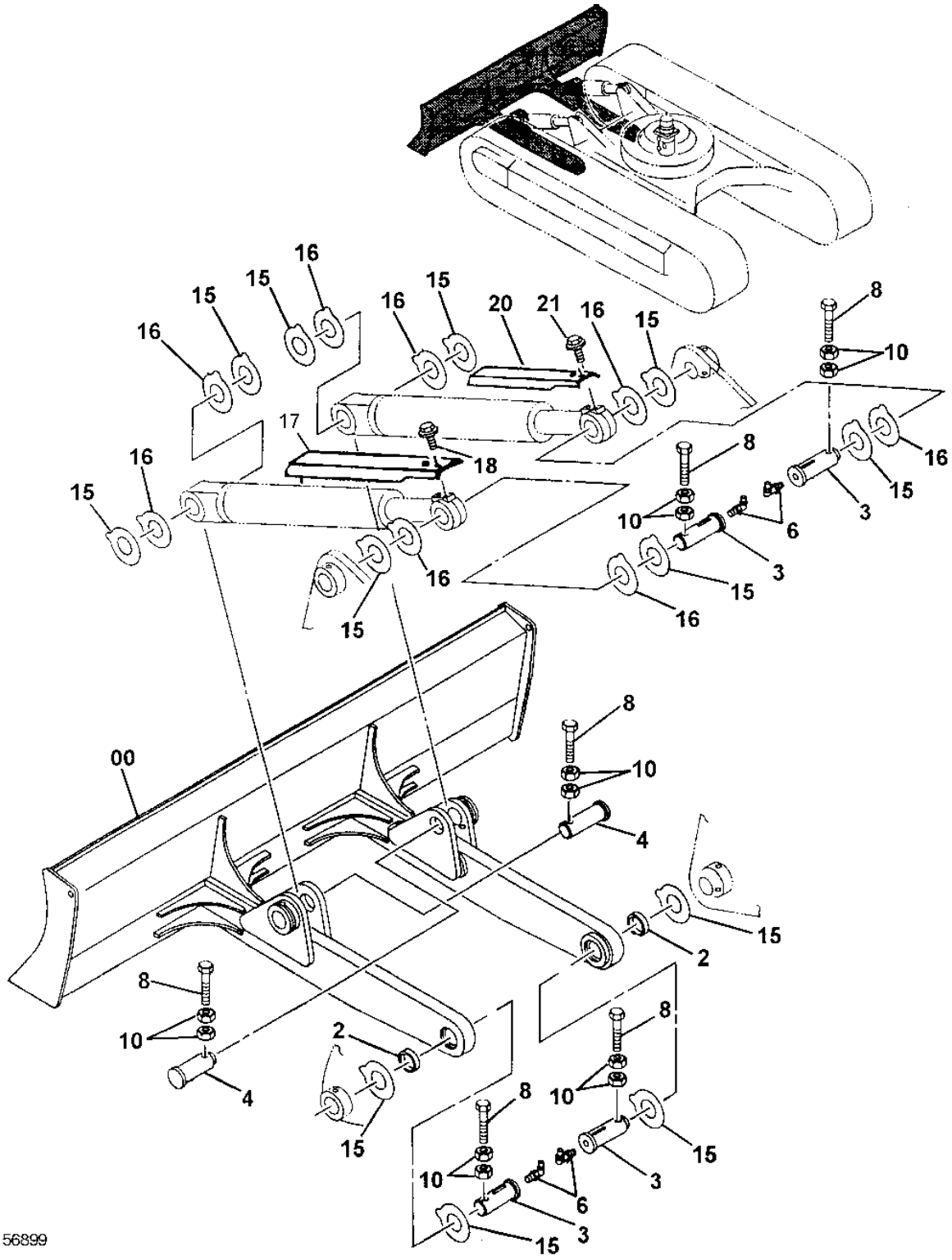


MAIN PIPINGS (BLADE CONTROL VALVE)

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4361117	HYD ACTUATED CONTROL VALVE	1		(SUB FOR AP34897) (BLADE)
3	19M8183	CAP SCREW	3		M10 X 90
	12M7066	LOCK WASHER	3		10 MM (0.394")
9	4342051	FLOW CONTROL HYD. VALVE	1		(SUB FOR AP34895)
10	J020850	SCREW WITH WASHER	2		(SUB FOR AT213602)
11	AP35209	HYDRAULIC HOSE - FABRICATE	1		
12	4189602	FITTING	1		(SUB FOR TH108350)
12A	4506418	O-RING	1		(SUB FOR U46489)
13	4205383	TEE FITTING	1		(SUB FOR AT134051)
13A	4506418	O-RING	1		(SUB FOR U46489)
14	.....	HYDRAULIC HOSE - FABRICATE	1		(AP35207 NO LONGER REQUIRED)
18	T77857	O-RING	3		12.421 X 1.778 MM (0.489" X 0.070")
19	.....	ADAPTER	1		(TH108350 NO LONGER REQUIRED)
19A	.....	O-RING	1		(U46489 NO LONGER REQUIRED)
20	.....	O-RING	1		(AP35207 NO LONGER REQUIRED)
21	P61071	BRACKET	1		
22	19M7550	CAP SCREW	2		M10 X 35
23	24H1436	WASHER	2		15/16" X 1-3/4" X 0.134"

BLADE

T156899 -UN-09JUL02

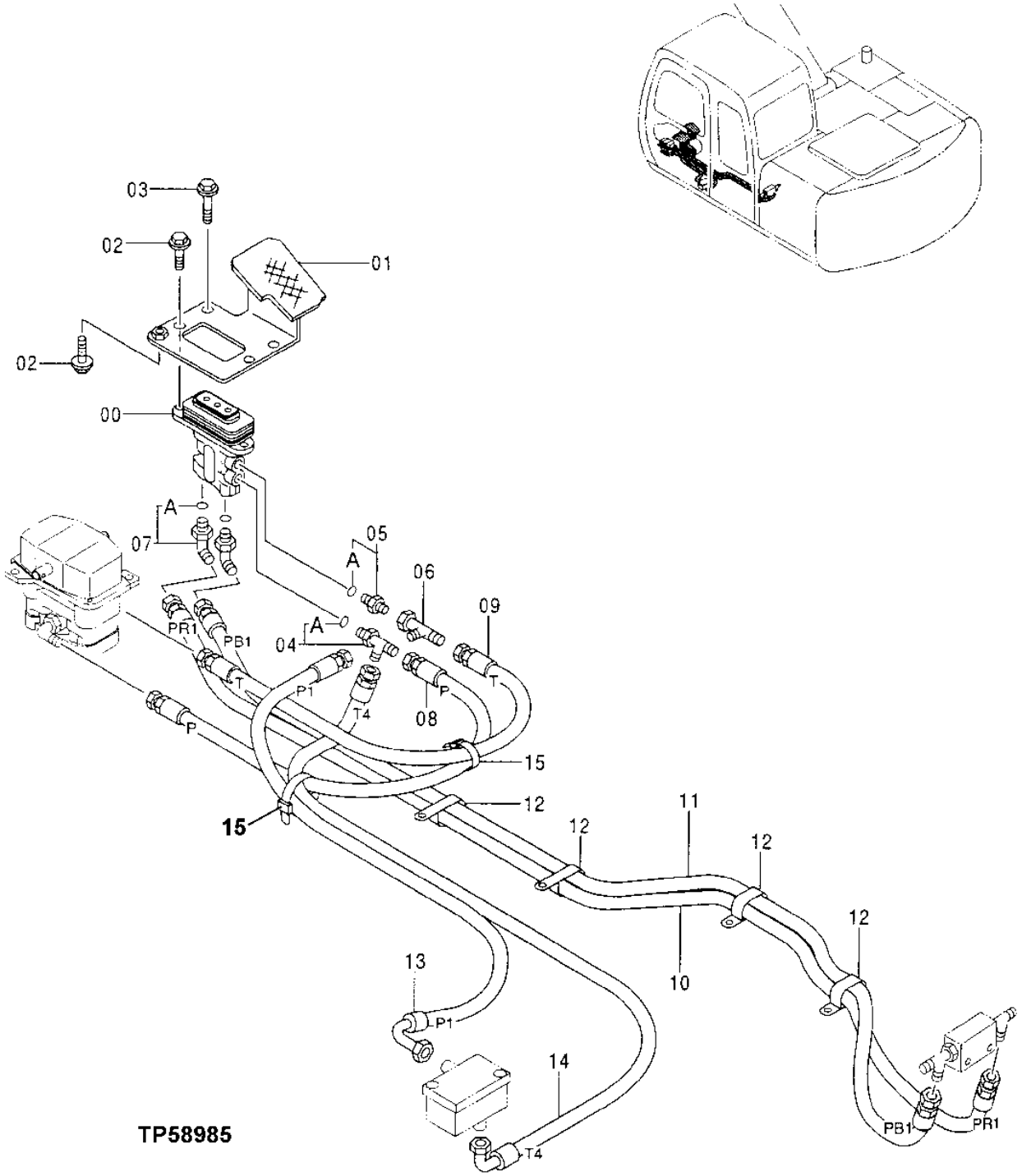


BLADE

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	AP38576	BLADE	1		(WITH 600MM SHOES, 2590MM WIDE) (SUB FOR DH700120)
	AP39225	BLADE	1		(WITH 700MM SHOES, 2690MM WIDE) (SUB FOR DH700119)
	T211450	CUTTING EDGE	1		(BLADE CUTTING EDGE) (CUT TO LENGTH)
2	4376210	BUSHING	2		(SUB FOR P64892)
3	4348569	PIN FASTENER	4		(SUB FOR P64898)
4	4348569	PIN FASTENER	2		(SUB FOR P64897) (SUB FOR P64898)
6	T116334	LUBRICATION FITTING	4		
8	19M8503	CAP SCREW	6		M20 X 160, (SUB FOR P61796)
10	14M7277	NUT	12		M20, (SUB FOR 14M7144)
15	P61821	PLATE	12		
16	P61822	PLATE	8		
17	4361519	COVER	1	-020107	(SUB FOR P64911) (USE IF AVAILABLE) (IF P64911 NOT AVAILABLE, SUB 3091704 (2) 19M8011, (2) 12M7067, AND (2) 24M7047)
	3091704	COVER	1	020108-	
18	19M7938	CAP SCREW	2	-020107	M10 X 20
	12M7066	LOCK WASHER	2	-020107	10 MM (0.394")
	19M8011	CAP SCREW	2	020108-	M12 X 30
	12M7058	LOCK WASHER	2	020108-	12 MM (0.472") (SUB FOR 12M7067)
	24M7047	WASHER	2	020108-	13 X 24 X 2.500 MM (0.512" X 0.945" X 0.098")
20	4361519	COVER	1	-020107	(SUB FOR P64911) (USE IF AVAILABLE) (IF P64911 NOT AVAILABLE, SUB 3091704 (2) 19M8011, (2) 12M7067, AND (2) 24M7047)
	3091704	COVER	1	020108-	
21	19M7938	CAP SCREW	2	-020107	M10 X 20
	12M7066	LOCK WASHER	2	-020107	10 MM (0.394")
	19M8011	CAP SCREW	2	020108-	M12 X 30
	12M7058	LOCK WASHER	2	020108-	12 MM (0.472") (SUB FOR 12M7067)
	24M7047	WASHER	2	020108-	13 X 24 X 2.500 MM (0.512" X 0.945" X 0.098")

BLADE PILOT PIPINGS

TP58985 -UN-04FEB98

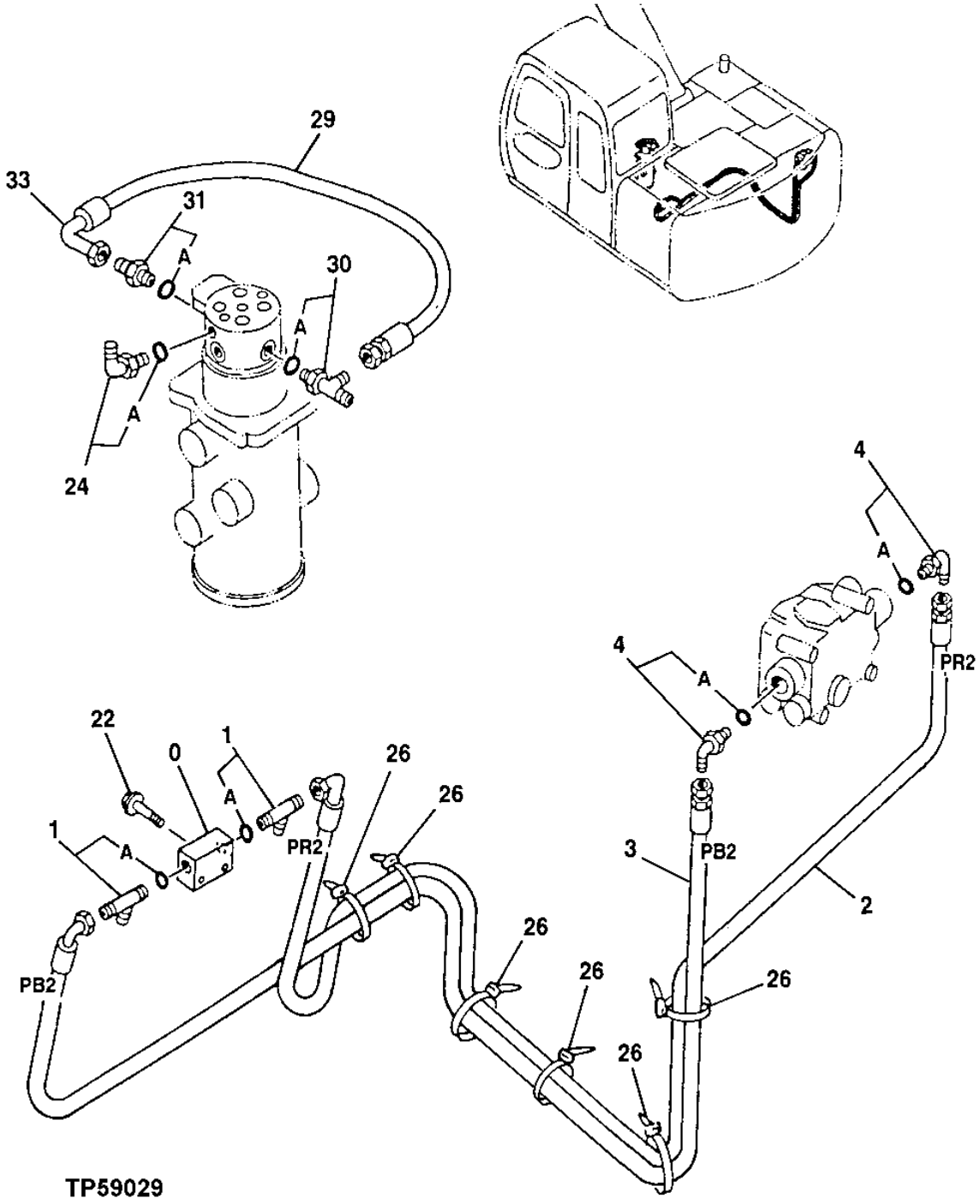


BLADE PILOT PIPINGS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4330467	FLOW CONTROL HYD. VALVE	1		(SUB FOR AP34893) (PILOT)
1	8068031	BRACKET	1		(SUB FOR AP34960)
2	19M7662	CAP SCREW	3		M10 X 30
	12M7066	LOCK WASHER	3		10 MM (0.394")
3	19M7402	CAP SCREW	2		M10 X 25
	24M7028	WASHER	2		10.500 X 20 X 2 MM (0.413" X 0.787" X 0.079")
	12M7066	LOCK WASHER	2		10 MM (0.394")
4	4207300	TEE FITTING	1		(SUB FOR AT126381)
4A	M800650	PACKING	1		
5	4200467	ADAPTER	1		(SUB FOR TH108417)
5A	M800650	PACKING	1		
6	4246672	TEE FITTING	1		(SUB FOR AT200991)
7	AT318014	ELBOW FITTING	2		(SUB FOR 4156434) (SUB FOR TH101930)
7A	M800650	PACKING	1		
8	AP34901	HYDRAULIC HOSE - FABRICATE	1		
9	AP34902	HYDRAULIC HOSE - FABRICATE	1		
10	AP34913	HYDRAULIC HOSE - FABRICATE	1		
11	AP34914	HYDRAULIC HOSE - FABRICATE	1		
12	T32854	CLAMP	4		
13	AP34903	HYDRAULIC HOSE - FABRICATE	1		
14	AP34904	HYDRAULIC HOSE - FABRICATE	1		
15	H77698	TIE BAND	2		

BLADE PILOT PIPINGS

TP59029 -UN-16APR98

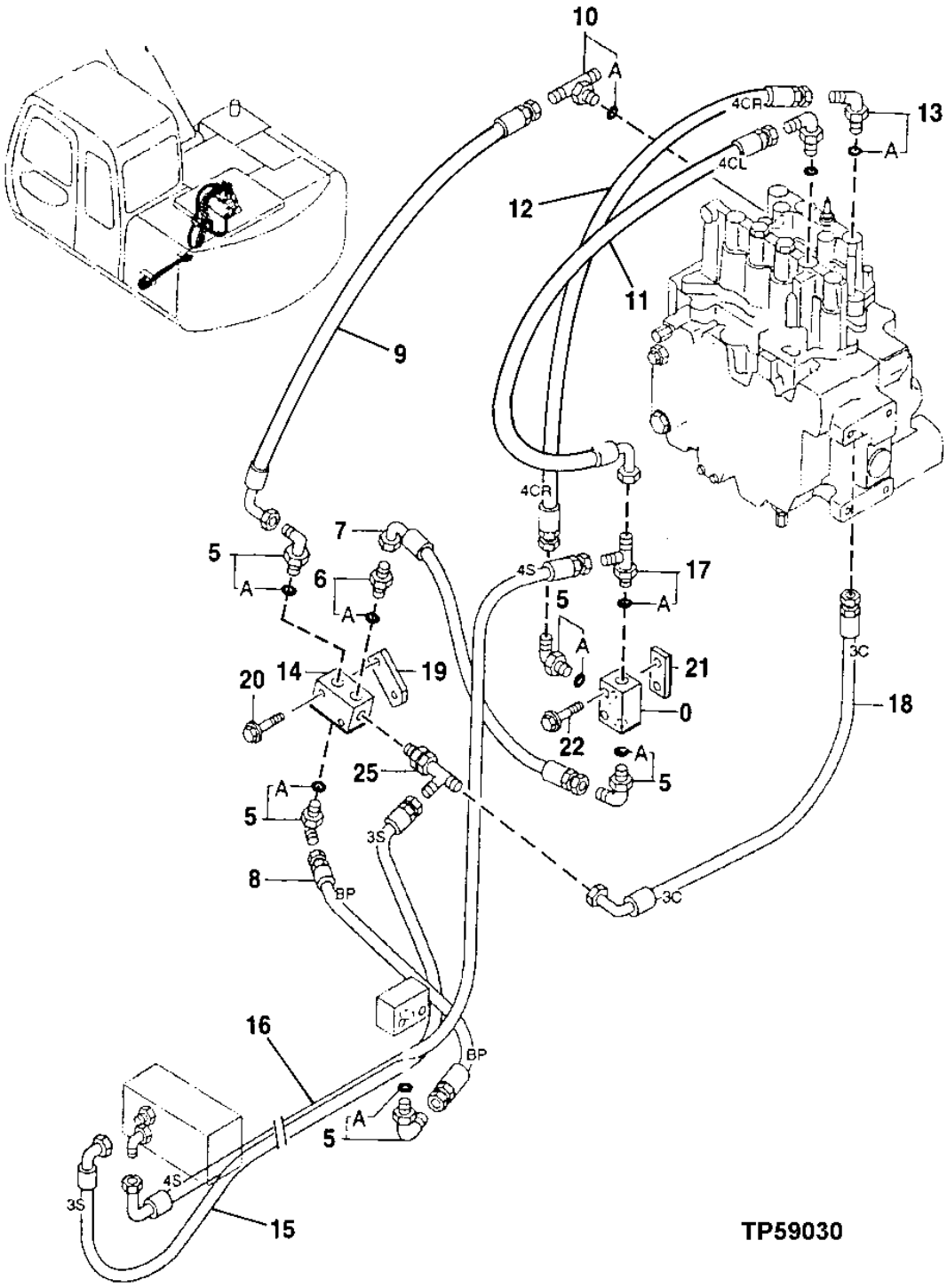


BLADE PILOT PIPINGS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4203447	FLOW CONTROL HYD. VALVE	1		(SUB FOR AT126357) (SHUTTLE)
1	4207300	TEE FITTING	2		(SUB FOR AT126381)
1A	M800650	PACKING	1		
2	AP35844	HYDRAULIC HOSE - FABRICATE	1		(SUB FOR AP35204)
3	AP35199	HYDRAULIC HOSE - FABRICATE	1		
4	4154671	ELBOW FITTING	2		(SUB FOR TH101047)
4A	CH11570	O-RING	1		13.800 X 2.400 MM (0.543" X 0.094")
22	19M7184	CAP SCREW	2		M8 X 55
	12M7056	LOCK WASHER	2		8 MM (0.315") (SUB FOR 12M7065)
24	4154670	ELBOW FITTING	1		(SUB FOR TH100951)
24A	M800650	PACKING	1		
26	H77698	TIE BAND	6		
29	AR84721	HYDRAULIC HOSE	1		9/16" X 521 MM (20-1/2") X 9/16"
30	4234371	TEE FITTING	1		(SUB FOR AT126826)
30A	CH11570	O-RING	1		13.800 X 2.400 MM (0.543" X 0.094")
31	4200467	ADAPTER	1		(SUB FOR TH108417)
31A	M800650	PACKING	1		
33	AE24616	ELBOW FITTING	1		

BLADE PILOT PIPINGS

TP59030 -UN-02APR98

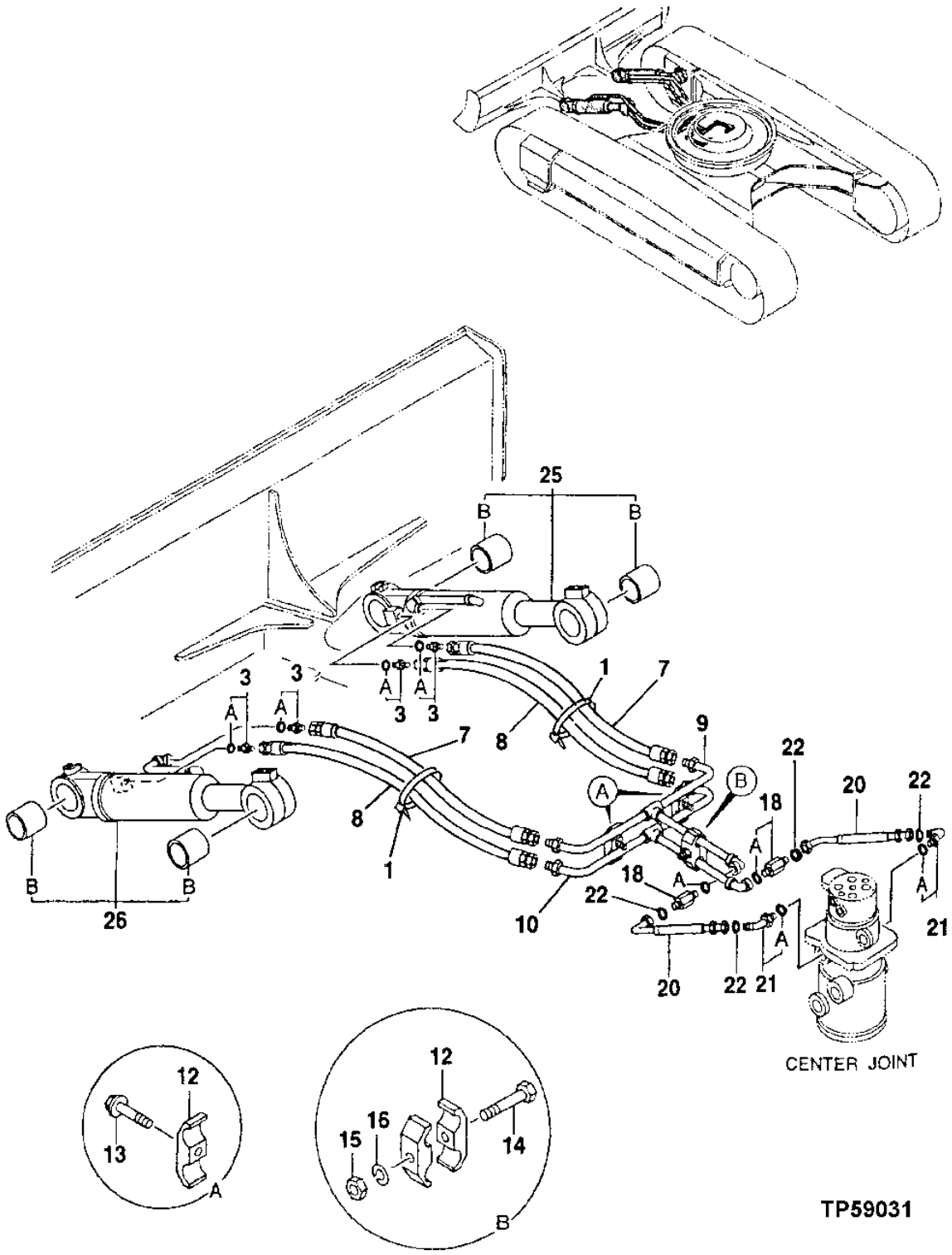


BLADE PILOT PIPINGS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4203447	FLOW CONTROL HYD. VALVE	1		(SUB FOR AT126357) (SHUTTLE)
5	AT318014	ELBOW FITTING	5		(SUB FOR 4156434) (SUB FOR TH101930)
5A	M800650	PACKING	1		
6	4200467	ADAPTER	1		(SUB FOR TH108417)
6A	M800650	PACKING	1		
7	AP34894	HYDRAULIC HOSE - FABRICATE	1		
8	4375673	HYDRAULIC HOSE - FABRICATE	1		(SUB FOR AP34912)
9	AP34938	HYDRAULIC HOSE - FABRICATE	1		
10	4208911	TEE FITTING	1		(SUB FOR AT126456)
10A	CH11570	O-RING	1		13.800 X 2.400 MM (0.543" X 0.094")
11	AP34936	HYDRAULIC HOSE - FABRICATE	1		
12	AP34937	HYDRAULIC HOSE - FABRICATE	1		
13	AT318017	ADAPTER	2		(SUB FOR 4208913, AT126458)
13A	CH11570	O-RING	1		13.800 X 2.400 MM (0.543" X 0.094")
14	4203446	FLOW CONTROL HYD. VALVE	1		(SUB FOR AT126356)
15	AP34918	HYDRAULIC HOSE - FABRICATE	1		
16	AP34919	HYDRAULIC HOSE - FABRICATE	1		
17	4207300	TEE FITTING	1		(SUB FOR AT126381)
17A	M800650	PACKING	1		
18	AP34917	HYDRAULIC HOSE - FABRICATE	1		
19	4375639	RETAINER	1		(SUB FOR P64915)
20	19M7184	CAP SCREW	2		M8 X 55
	12M7056	LOCK WASHER	2		8 MM (0.315") (SUB FOR 12M7065)
21	4375638	RETAINER	1		(SUB FOR P64914)
22	19M7184	CAP SCREW	2		M8 X 55
	12M7056	LOCK WASHER	2		8 MM (0.315") (SUB FOR 12M7065)
25	4246672	TEE FITTING	1		(SUB FOR AT200991)

BLADE PIPINGS

TP59031 -UN-02APR98

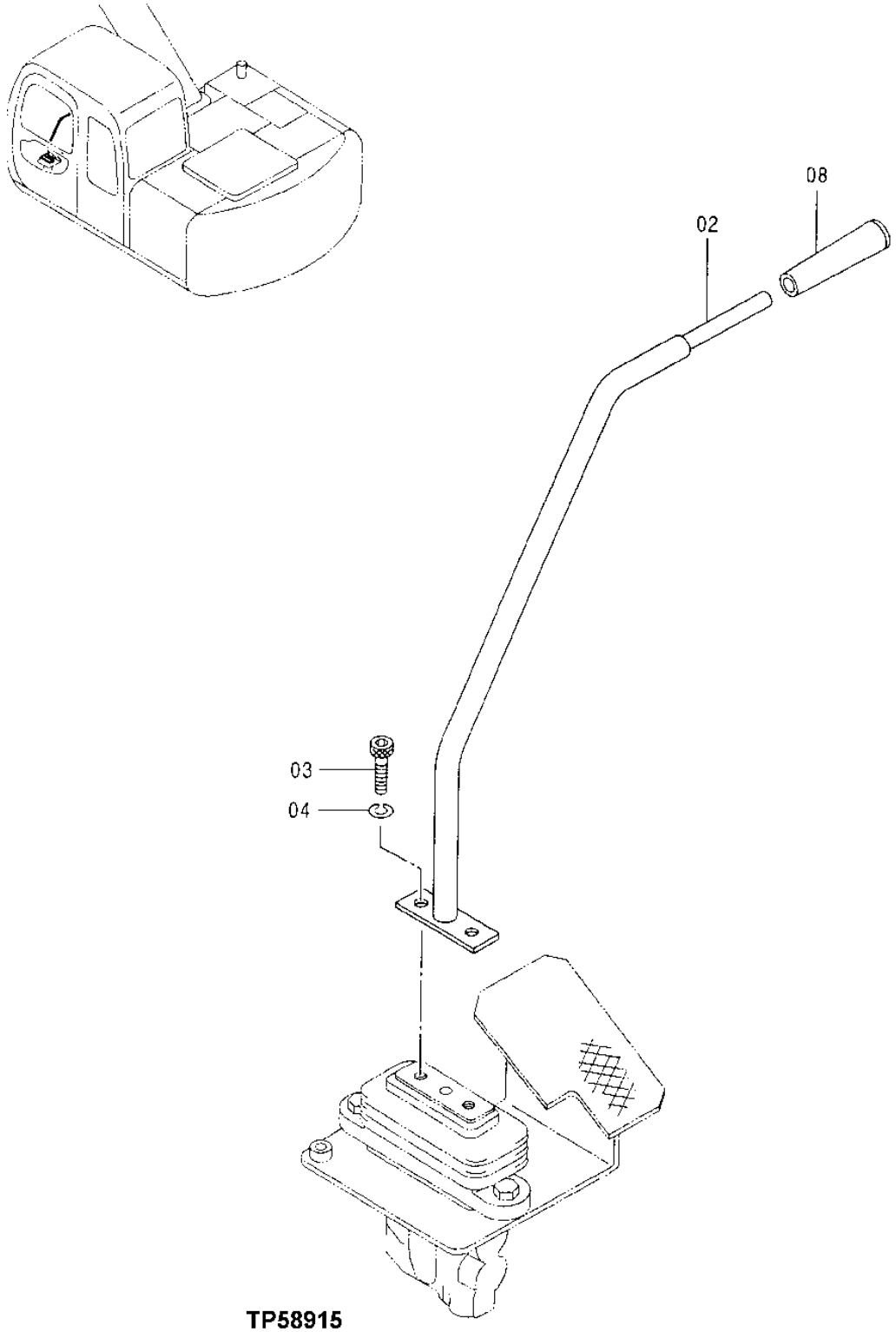


BLADE PIPINGS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	H77698	TIE BAND	2		
3	4200466	ADAPTER	4		(SUB FOR TH108320)
3A	CH11570	O-RING	1		13.800 X 2.400 MM (0.543" X 0.094")
7	AP34950	HYDRAULIC HOSE - FABRICATE	2		(SUB FOR AP34949)
8	AP34950	HYDRAULIC HOSE - FABRICATE	2		
9	8064678	OIL TUBE	1		(SUB FOR AP34954)
10	8064677	OIL TUBE	1		(SUB FOR AP34953)
12	4189858	CLAMP	4		(SUB FOR TH108333)
13	19M7361	CAP SCREW	2		M12 X 50
	12H301	LOCK WASHER	2		12.700 MM (1/2")
14	19M7363	CAP SCREW	1		M12 X 60
15	14M7275	NUT	1		M12
16	12H301	LOCK WASHER	1		12.700 MM (1/2")
18	P64907	ADAPTER	2		
18A	4506418	O-RING	1		(SUB FOR U46489)
20	AP34899	HYDRAULIC HOSE - FABRICATE	2		
21	A853344	ELBOW FITTING	2		(SUB FOR TH108401, 4200580)
21A	4506418	O-RING	1		(SUB FOR U46489)
22	T77857	O-RING	4		12.421 X 1.778 MM (0.489" X 0.070")
25	AP34961	HYDRAULIC CYLINDER	1		(BLADE, RIGHT) (USE IF AVAILABLE)
	8076486	HYDRAULIC CYLINDER	1		(SUB FOR AP34961) (SUB FOR AP35786) (BLADE, RIGHT)
25B	4376210	BUSHING	2		(SUB FOR P64892)
26	AP34962	HYDRAULIC CYLINDER	1		(BLADE, LEFT) (USE IF AVAILABLE)
	9169000	HYDRAULIC CYLINDER	1		(SUB FOR AP34962) (SUB FOR AP35787) (BLADE, LEFT)
26B	4376210	BUSHING	2		(SUB FOR P64892)

BLADE CONTROL

TP58915 -UN-13JAN98

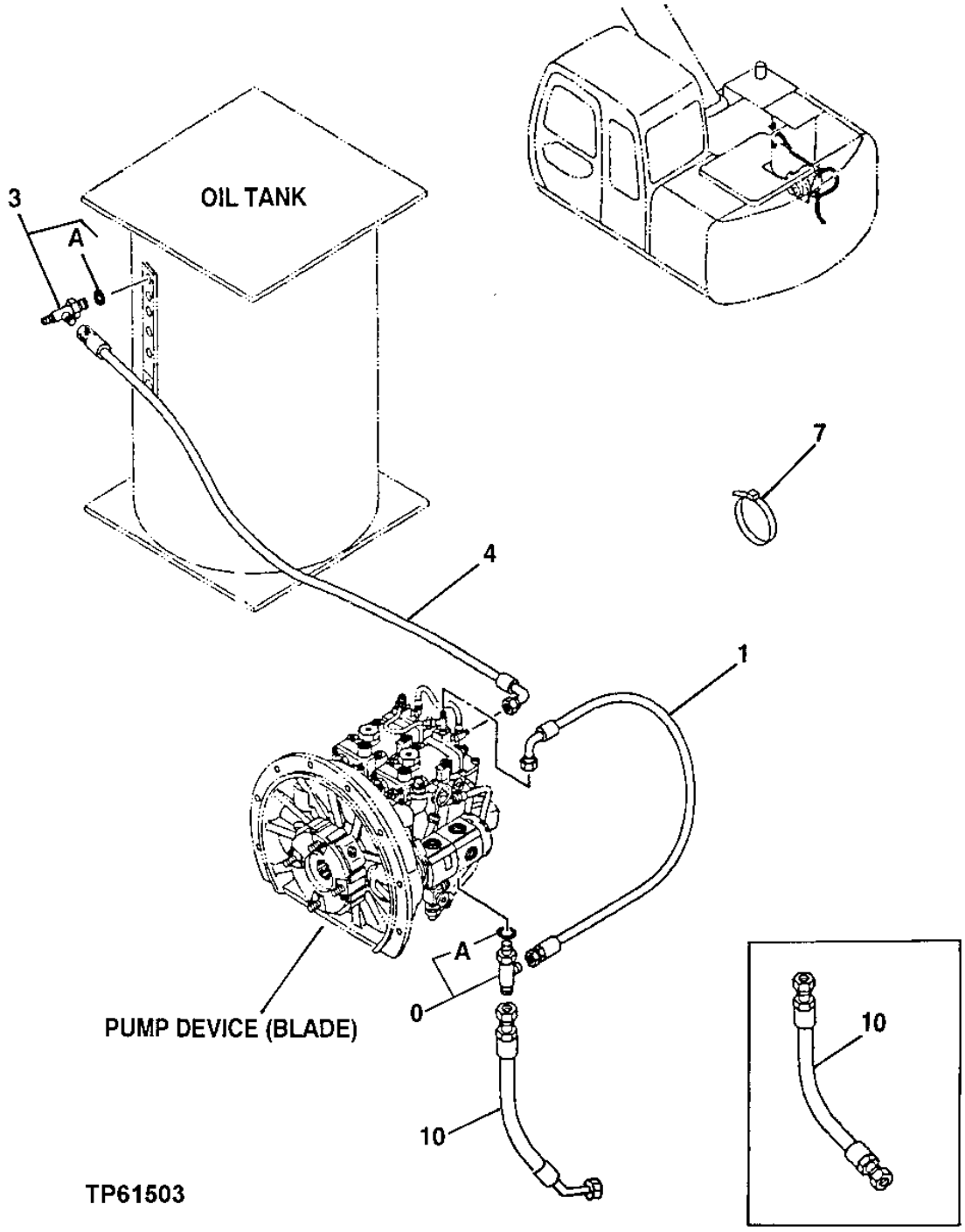


BLADE CONTROL

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
2	8068030	HANDLE	1		(SUB FOR AP34959)
3	.....	BOLT	2		(NOT AVAILABLE FOR SERVICE)
4	12M7066	LOCK WASHER	2		10 MM (0.394")
8	4381064	GRIP	1		(SUB FOR P64919)

BLADE PIPINGS

TP61503 -UN-23MAR99

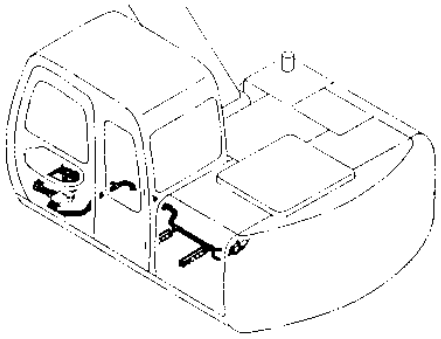


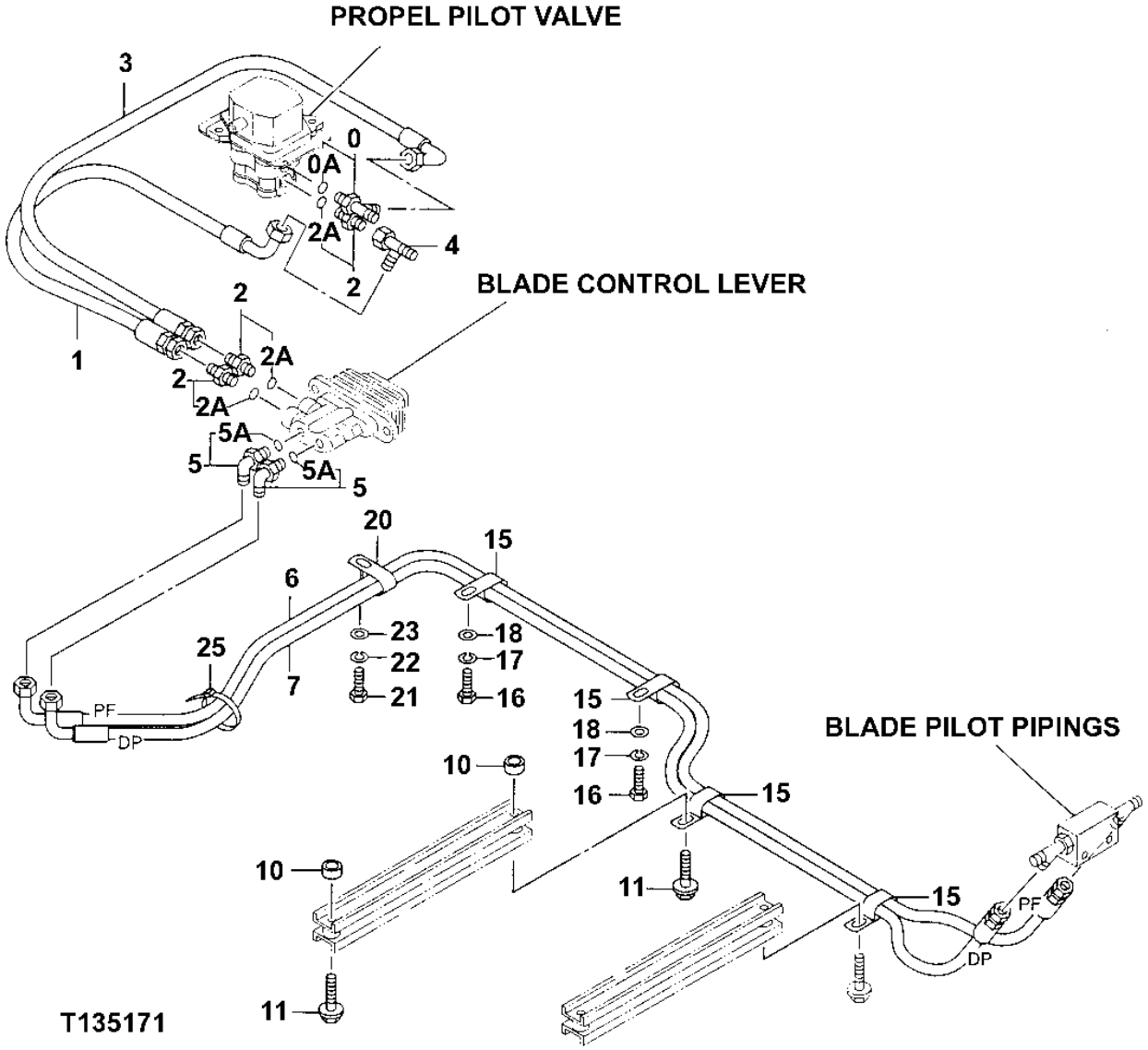
BLADE PIPINGS

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4269616	TEE FITTING	1		(SUB FOR AP34891)
0A	4506418	O-RING	1		(SUB FOR U46489)
1	AP34929	HYDRAULIC HOSE - FABRICATE	1		
3	4203171	TEE FITTING	1		(SUB FOR TH110578)
3A	M800650	PACKING	1		
4	AP34909	HYDRAULIC HOSE - FABRICATE	1		
7	H77698	TIE BAND	2		
10	AP34934	HYDRAULIC HOSE - FABRICATE	1		

**BLADE PILOT PIPINGS
(RIGHT CONSOLE)**

T135171 -UN-03NOV00



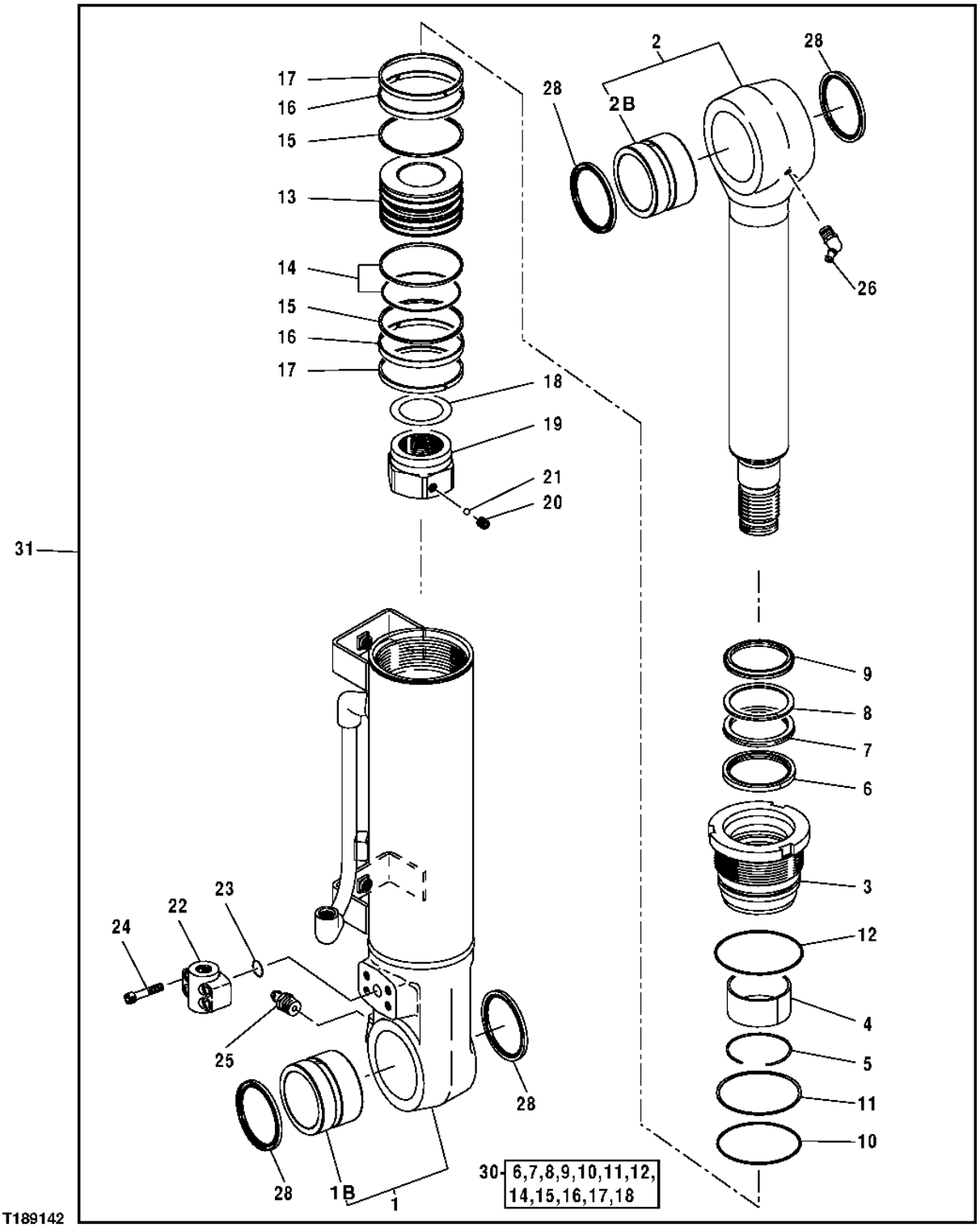


BLADE PILOT PIPINGS
(RIGHT CONSOLE)

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4207300	TEE FITTING	1		(SUB FOR AT126381)
0A	M800650	PACKING	1		
1	AT193992	HYDRAULIC HOSE - FABRICATE	1		(SUB FOR TH4282194)
2	4200467	ADAPTER	3		(SUB FOR TH108417)
2A	M800650	PACKING	1		
3	AT219675	HYDRAULIC HOSE - FABRICATE	1		9/16" X 700 MM (27-1/2") X 9/16"
4	4246672	TEE FITTING	1		(SUB FOR AT200991)
5	AT318014	ELBOW FITTING	2		(SUB FOR 4156434) (SUB FOR TH101930)
5A	M800650	PACKING	1		
6	4350169	HOSE	1		(SUB FOR TH4350169 OR AT193993)
7	4350169	HOSE	1		(SUB FOR TH4333391 OR AT193993)
10	4383308	SPACER	2		(SUB FOR TH4383308, AT193995)
11	19M8012	CAP SCREW	2		M10 X 45
	12M7066	LOCK WASHER	2		10 MM (0.394")
	24M7096	WASHER	2		10.500 X 18 X 1.600 MM (0.413" X 0.709" X 0.063")
15	T32854	CLAMP	4		
16	19M7938	CAP SCREW	2		M10 X 20
17	12M7066	LOCK WASHER	2		10 MM (0.394")
18	24M7028	WASHER	2		10.500 X 20 X 2 MM (0.413" X 0.787" X 0.079")
20	T32854	CLAMP	1		
21	19M7938	CAP SCREW	1		M10 X 20
22	12M7066	LOCK WASHER	1		10 MM (0.394")
23	24M7028	WASHER	1		10.500 X 20 X 2 MM (0.413" X 0.787" X 0.079")
25	H77698	TIE BAND	1		

RIGHT BLADE CYLINDER AND OIL LINES (SERIAL NUMBER -020107)

T189142 -UN-02APR03

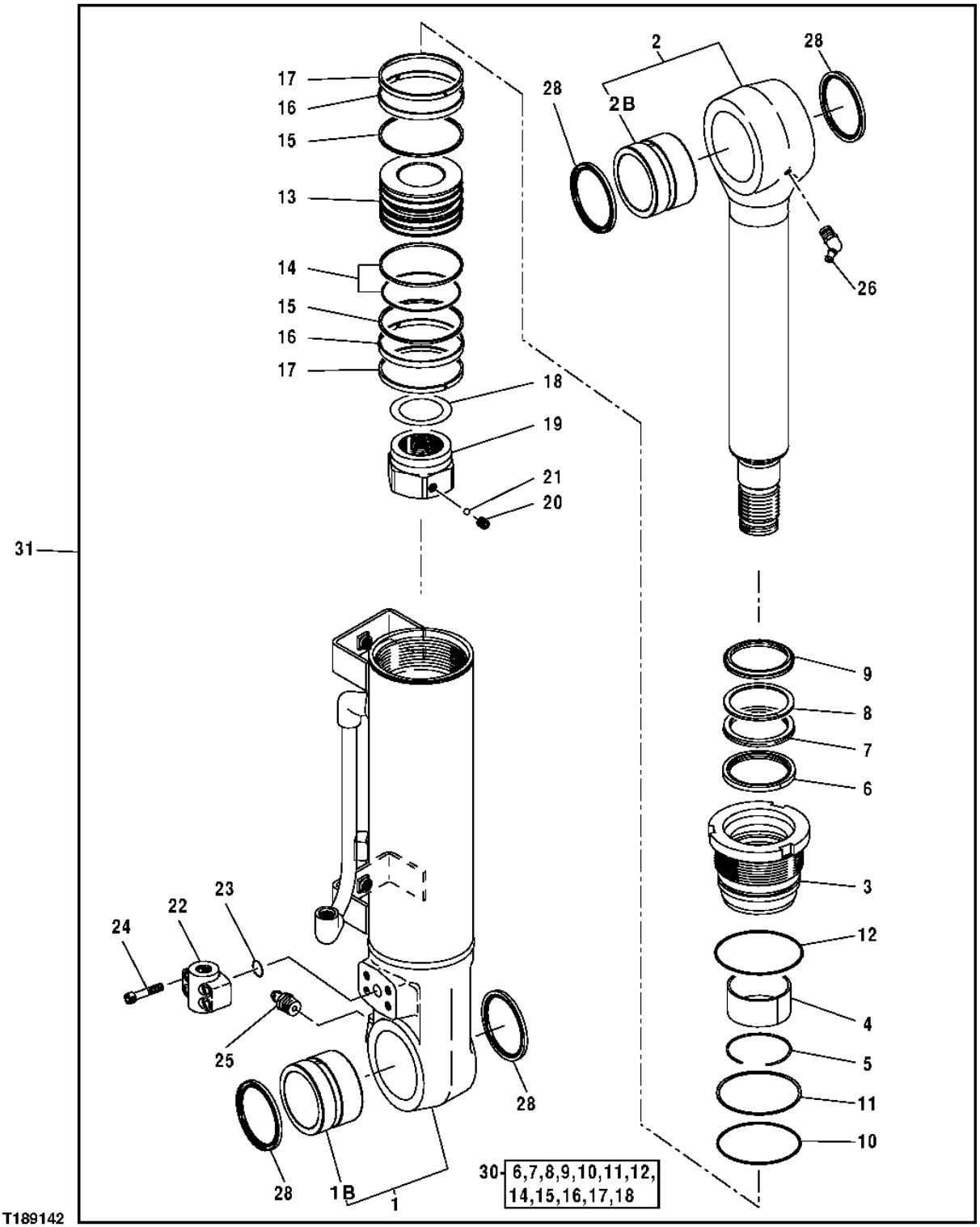


RIGHT BLADE CYLINDER AND OIL LINES (SERIAL NUMBER -020107)

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	0686701	STRUCTURAL TUBING	1		
1B	0686702	BUSHING	1		
2	0686703	ROD	1		
2B	0686702	BUSHING	1		
3	0686704	HYDRAULIC CYLINDER CAP	1		
4	0683402		1		
5	0271304	SNAP RING	1		
6	AT264258	GUIDE	1		
7	AT264256	PACKING	1		
8	AT264257	BACK-UP RING	1		
9	H158453	SCRAPER RING	1		
10	T110446	O-RING	1		
11	0254905	BACK-UP RING	1		
12	CH16109	PACKING	1		
13	0686705	PISTON	1		
14	0240807	RING	1		
15	0686706	BACK-UP RING	2		
16	0686707	RING	2		
17	0254908	RING	2		
18	0326007	SHIM	1		
19	H158175	NUT	1		
20	21M7139	SCREW	1		
21	400R	BALL	1		
22	0686708	ADAPTER	1		
23	AT264354	O-RING	1		
24	0310310	PART NOT CODED	4		
25	TH100074	LUBRICATION FITTING	1		
26	T116334	LUBRICATION FITTING	1		
28	TH104472	SEAL	4		
30	4388027	SEAL KIT	1		
31	.....	HYDRAULIC CYLINDER	1		(4359928 NOT AVAILABLE FOR SERVICE) (SUB 9187648 CYLINDER AND 3091704 CYLINDER GUARD)

RIGHT BLADE CYLINDER AND OIL LINES (SERIAL NUMBER 020108-)

T189142 -UN-02APR03

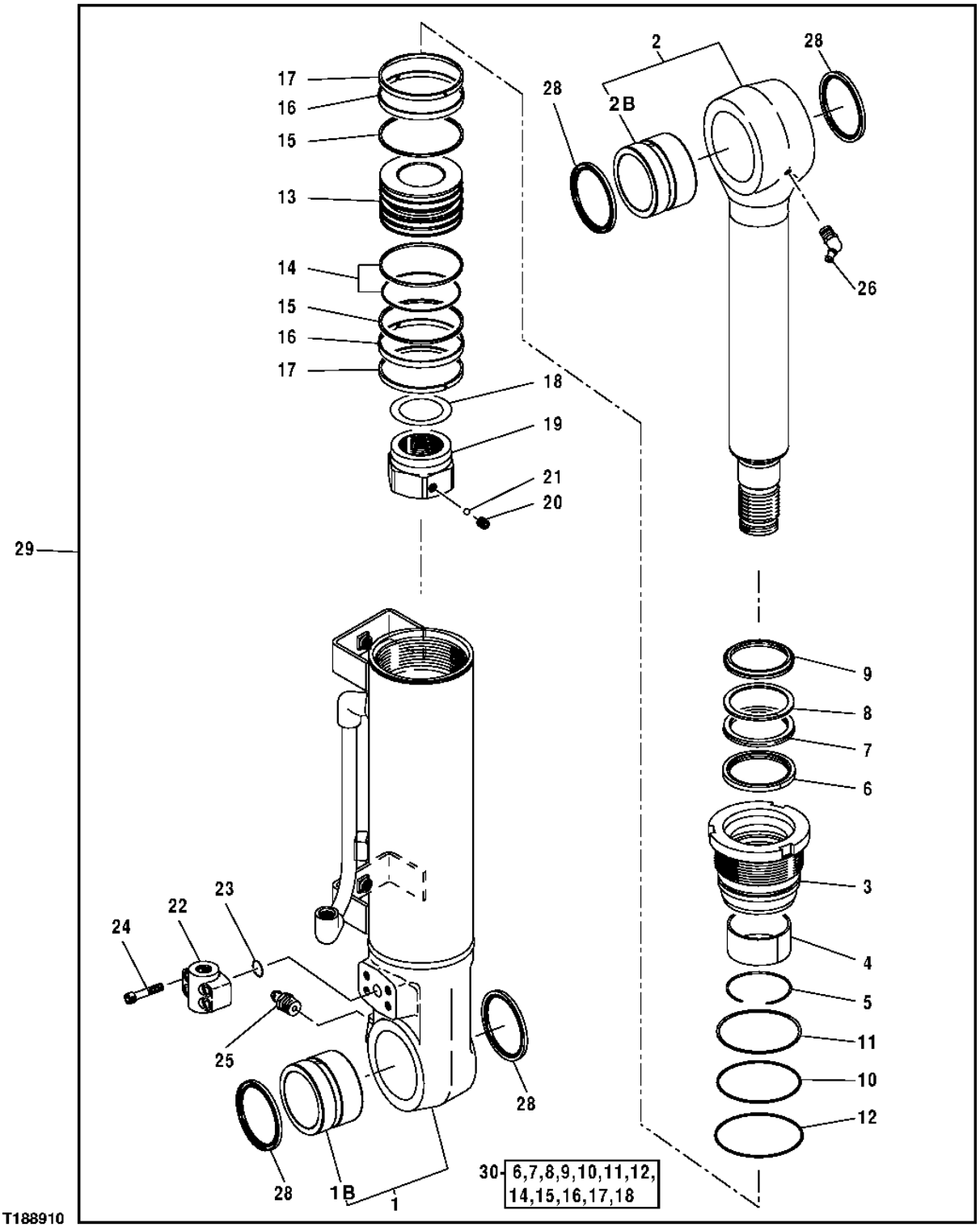


RIGHT BLADE CYLINDER AND OIL LINES (SERIAL NUMBER 020108-)

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	0727101	HYDRAULIC CYLINDER BARREL	1		
1B	0686702	BUSHING	1		
2	0727102	ROD	1		
2B	0686702	BUSHING	1		
3	0686704	HYDRAULIC CYLINDER CAP	1		
4	0683402		1		
5	0271304	SNAP RING	1		
6	AT264258	GUIDE	1		
7	AT264256	PACKING	1		
8	AT264257	BACK-UP RING	1		
9	H158453	SCRAPER RING	1		
10	T110446	O-RING	1		
11	0254905	BACK-UP RING	1		
12	CH16109	PACKING	1		
13	0686705	PISTON	1		
14	0240807	RING	1		
15	0686706	BACK-UP RING	2		
16	0686707	RING	2		
17	0254908	RING	2		
18	0326007	SHIM	1		
19	H158175	NUT	1		
20	21M7139	SCREW	1		
21	400R	BALL	1		
22	0686708	ADAPTER	1		
23	AT264354	O-RING	1		
24	0310310	PART NOT CODED	4		
25	TH100074	LUBRICATION FITTING	1		
26	T116334	LUBRICATION FITTING	1		
28	TH104472	SEAL	4		
30	4388027	SEAL KIT	1		
31	.....	HYDRAULIC CYLINDER	1		(4397512 AND 9168999 NOT AVAILABLE FOR SERVICE) (SUB 9187648)

RIGHT BLADE CYLINDER AND OIL LINES (REPLACEMENT CYLINDER)

T188910 -UN-28MAR03

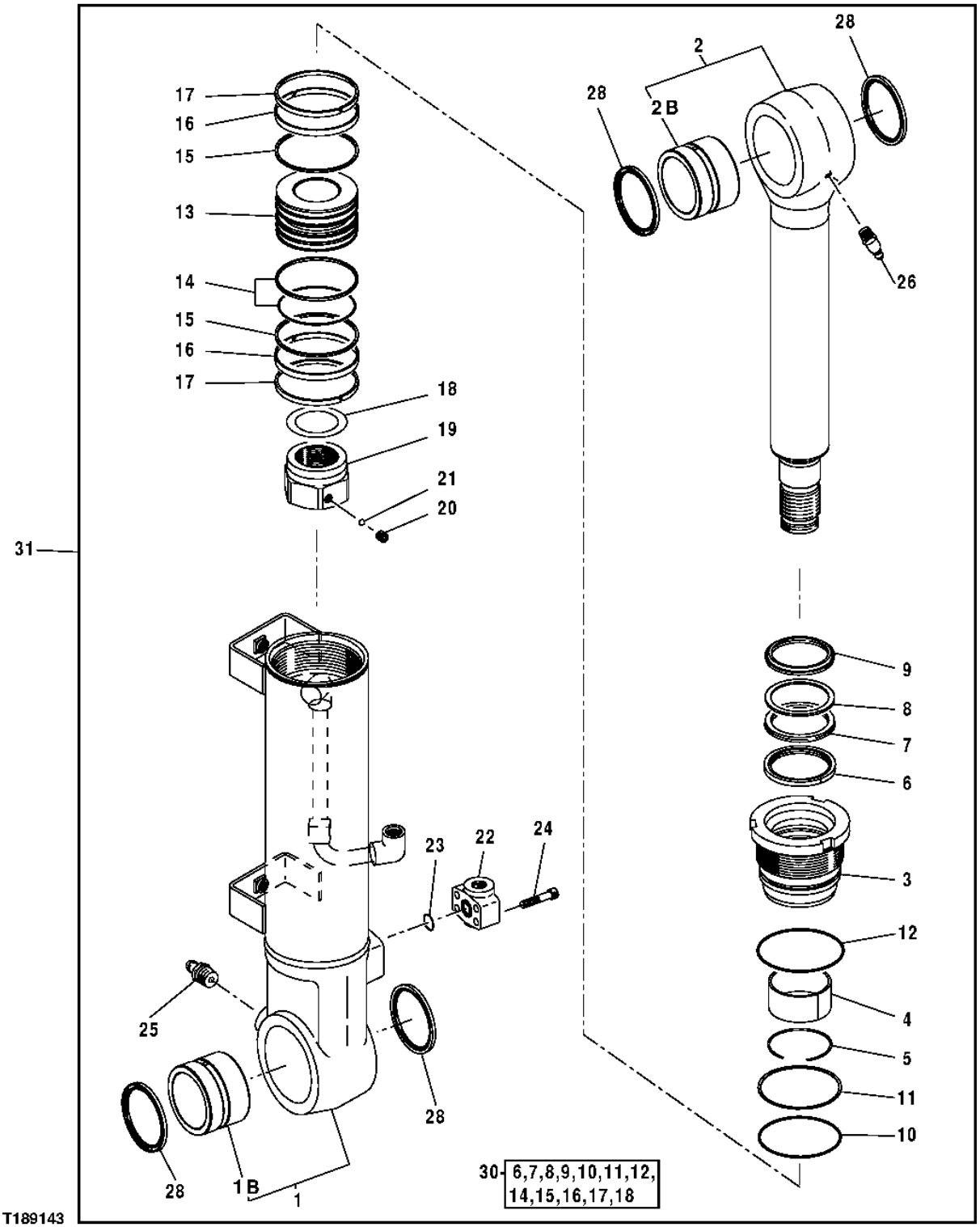


RIGHT BLADE CYLINDER AND OIL LINES (REPLACEMENT CYLINDER)

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	0779201	HYDRAULIC CYLINDER BARREL	1		
1B	0779302	BUSHING	1		
2	0779303	ROD	1		
2B	0779302	BUSHING	1		
3	0686704	HYDRAULIC CYLINDER CAP	1		
4	0683402		1		
5	0271304	SNAP RING	1		
6	AT133635	GUIDE	1		
7	AT133633	PACKING	1		
8	AT133634	BACK-UP RING	1		
9	H158453	SCRAPER RING	1		
10	T110446	O-RING	1		
11	0254905	BACK-UP RING	1		
12	CH16109	PACKING	1		
13	0686705	PISTON	1		
14	0240807	RING	1		
15	0686706	BACK-UP RING	2		
16	0686707	RING	2		
17	0254908	RING	2		
18	0326007	SHIM	1		
19	H158175	NUT	1		
20	21M7139	SCREW	1		
21	400R	BALL	1		
22	0686708	ADAPTER	1		
23	AT264354	O-RING	1		
24	0310310	PART NOT CODED	4		
25	TH100074	LUBRICATION FITTING	1		
26	T116334	LUBRICATION FITTING	1		
28	TH104472	SEAL	4		(SUB FOR AT153920)
29	9187648	CYLINDER	1		(SUB FOR 4397512, 4359928 AND 9168999)
30	4388027	SEAL KIT	1		

LEFT BLADE CYLINDER AND OIL LINES (SERIAL NUMBER -020107)

T189143 -UN-02APR03

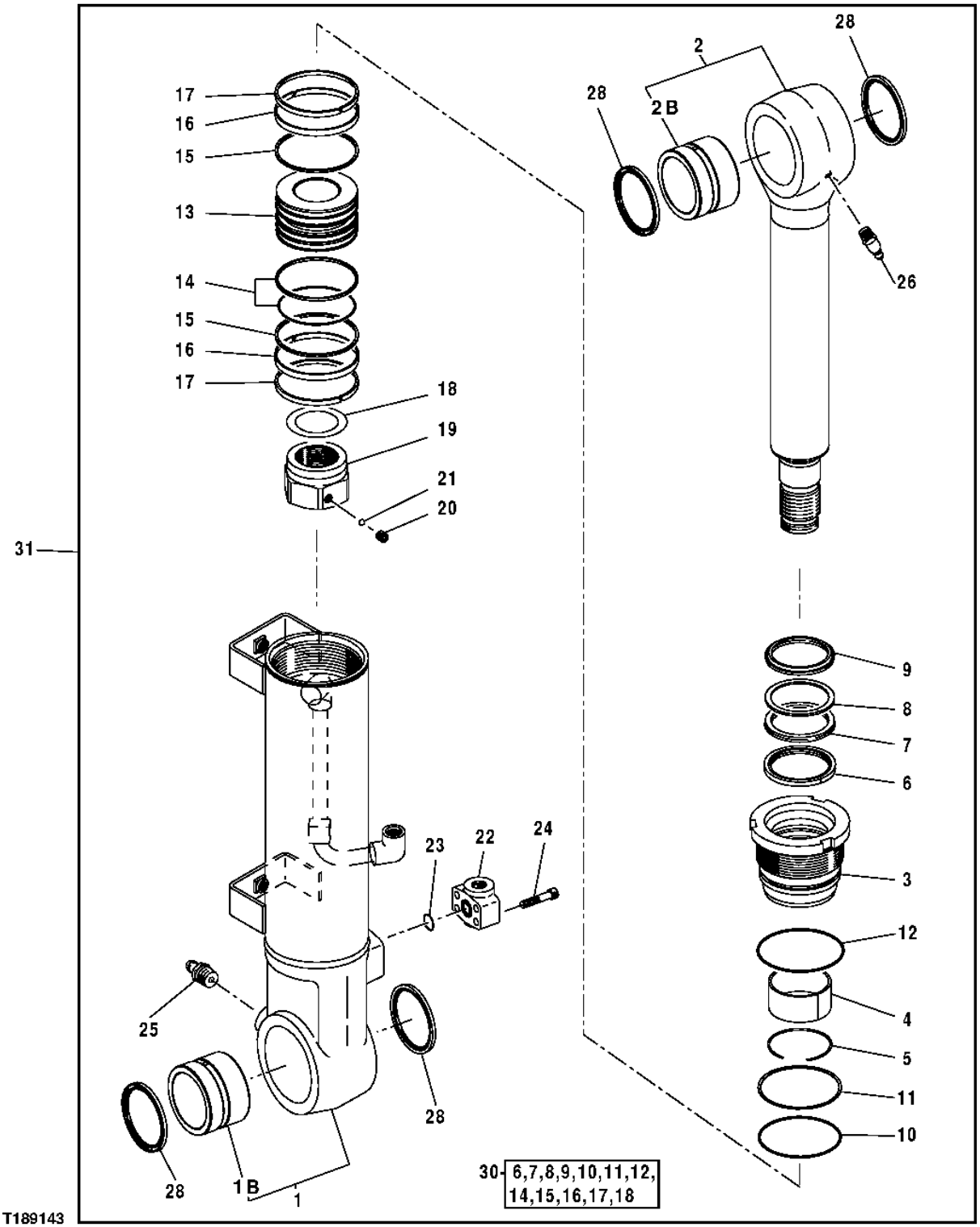


LEFT BLADE CYLINDER AND OIL LINES (SERIAL NUMBER -020107)

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	0686801	STRUCTURAL TUBING	1		
1B	0686702	BUSHING	1		
2	0686703	ROD	1		
2B	0686702	BUSHING	1		
3	0686704	HYDRAULIC CYLINDER CAP	1		
4	0683402		1		
5	0271304	SNAP RING	1		
6	AT264258	GUIDE	1		
7	AT264256	PACKING	1		
8	AT264257	BACK-UP RING	1		
9	H158453	SCRAPER RING	1		
10	T110446	O-RING	1		
11	0254905	BACK-UP RING	1		
12	CH16109	PACKING	1		
13	0686705	PISTON	1		
14	0240807	RING	1		
15	0686706	BACK-UP RING	2		
16	0686707	RING	2		
17	0254908	RING	2		
18	0326007	SHIM	1		
19	H158175	NUT	1		
20	21M7139	SCREW	1		
21	400R	BALL	1		
22	0686708	ADAPTER	1		
23	AT264354	O-RING	1		
24	0310310	PART NOT CODED	4		
25	TH100074	LUBRICATION FITTING	1		
26	T116334	LUBRICATION FITTING	1		
28	TH104472	SEAL	4		
30	4388027	SEAL KIT	1		
31	.....	HYDRAULIC CYLINDER	1		(4361273 NOT AVAILABLE FOR SERVICE) (SUB 9187647 CYLINDER AND 3091704 CYLINDER GUARD)

LEFT BLADE CYLINDER AND OIL LINES (SERIAL NUMBER 020108-)

T189143 -UN-02APR03

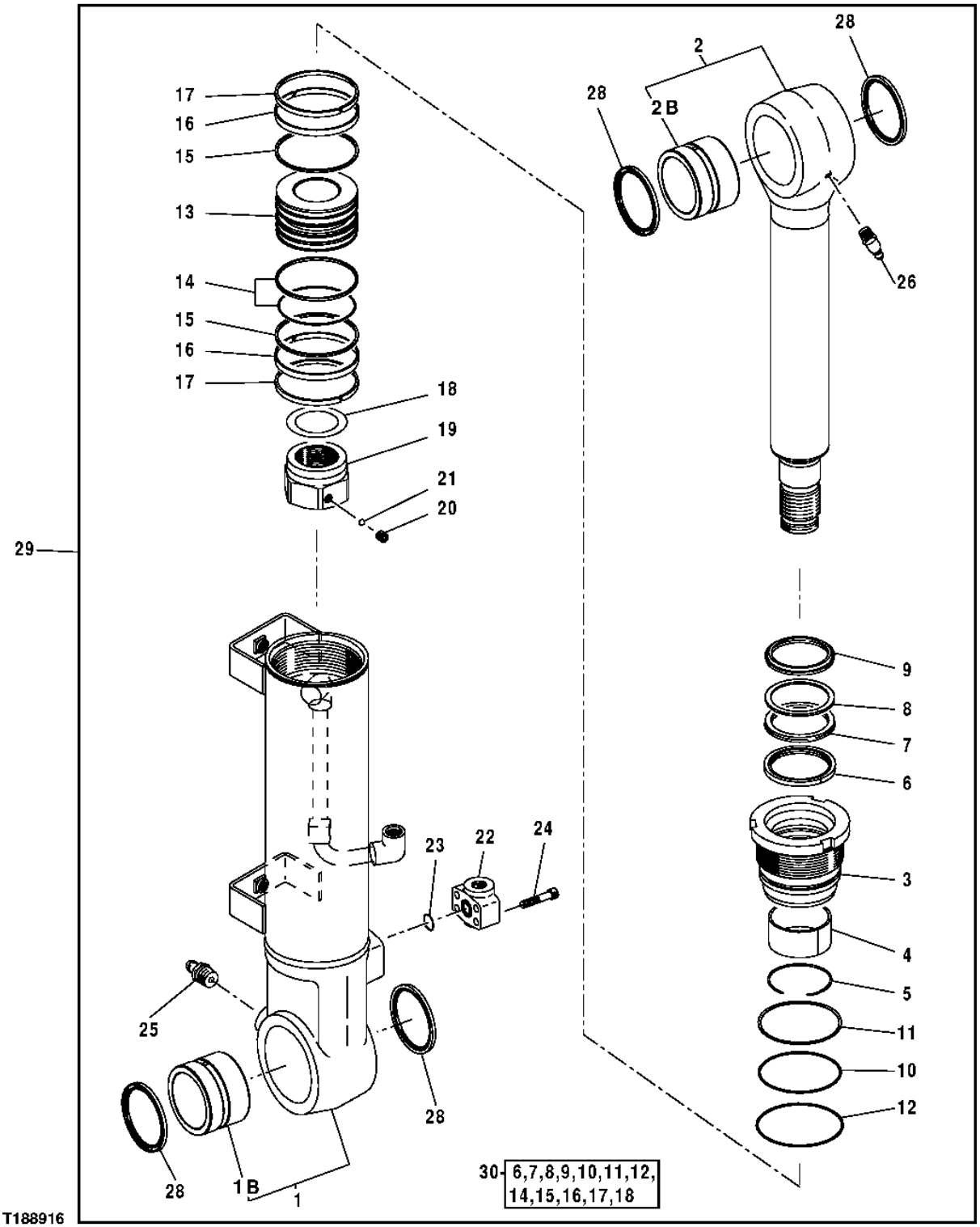


LEFT BLADE CYLINDER AND OIL LINES (SERIAL NUMBER 020108-)

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	0727401	HYDRAULIC CYLINDER BARREL	1		
1B	0686702	BUSHING	1		
2	0727102	ROD	1		
2B	0686702	BUSHING	1		
3	0686704	HYDRAULIC CYLINDER CAP	1		
4	0683402		1		
5	0271304	SNAP RING	1		
6	AT264258	GUIDE	1		
7	AT264256	PACKING	1		
8	AT264257	BACK-UP RING	1		
9	H158453	SCRAPER RING	1		
10	T110446	O-RING	1		
11	0254905	BACK-UP RING	1		
12	CH16109	PACKING	1		
13	0686705	PISTON	1		
14	0240807	RING	1		
15	0686706	BACK-UP RING	2		
16	0686707	RING	2		
17	0254908	RING	2		
18	0326007	SHIM	1		
19	H158175	NUT	1		
20	21M7139	SCREW	1		
21	400R	BALL	1		
22	0686708	ADAPTER	1		
23	AT264354	O-RING	1		
24	0310310	PART NOT CODED	4		
25	TH100074	LUBRICATION FITTING	1		
26	T116334	LUBRICATION FITTING	1		
28	TH104472	SEAL	4		
30	4388027	SEAL KIT	1		
31	.....	HYDRAULIC CYLINDER	1		(4397513 AND 9169000 NOT AVAILABLE FOR SERVICE) (SUB 9187647)

LEFT BLADE CYLINDER AND OIL LINES (REPLACEMENT CYLINDER)

T188916 -UN-28MAR03

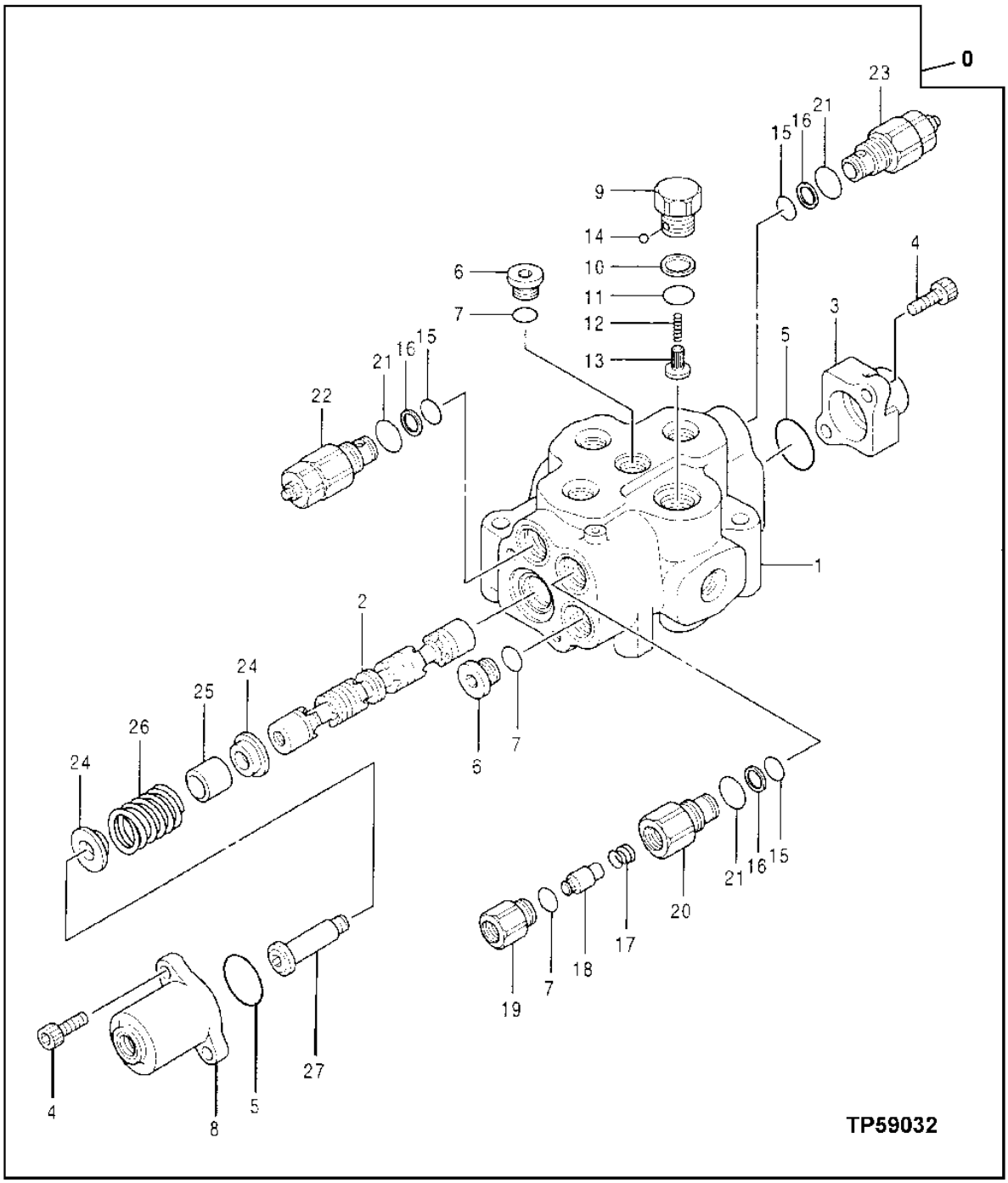


LEFT BLADE CYLINDER AND OIL LINES (REPLACEMENT CYLINDER)

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
1	0779301	HYDRAULIC CYLINDER BARREL	1		
1B	0779302	BUSHING	1		
2	0779303	ROD	1		
2B	0779302	BUSHING	1		
3	0686704	HYDRAULIC CYLINDER CAP	1		
4	0683402		1		
5	0271304	SNAP RING	1		
6	AT133635	GUIDE	1		
7	AT133633	PACKING	1		
8	AT133634	BACK-UP RING	1		
9	H158453	SCRAPER RING	1		
10	T110446	O-RING	1		
11	0254905	BACK-UP RING	1		
12	CH16109	PACKING	1		
13	0686705	PISTON	1		
14	0240807	RING	1		
15	0686706	BACK-UP RING	2		
16	0686707	RING	2		
17	0254908	RING	2		
18	0326007	SHIM	1		
19	H158175	NUT	1		
20	21M7139	SCREW	1		
21	400R	BALL	1		
22	0686708	ADAPTER	1		
23	AT264354	O-RING	1		
24	0310310	PART NOT CODED	4		
25	TH100074	LUBRICATION FITTING	1		
26	T116334	LUBRICATION FITTING	1		
28	TH104472	SEAL	4		(SUB FOR AT153920)
29	9187647	CYLINDER	1		(SUB FOR 4397513, 4361273 AND 9169000)
30	4388027	SEAL KIT	1		

BLADE CONTROL VALVE

TP59032 -UN-12MAR98

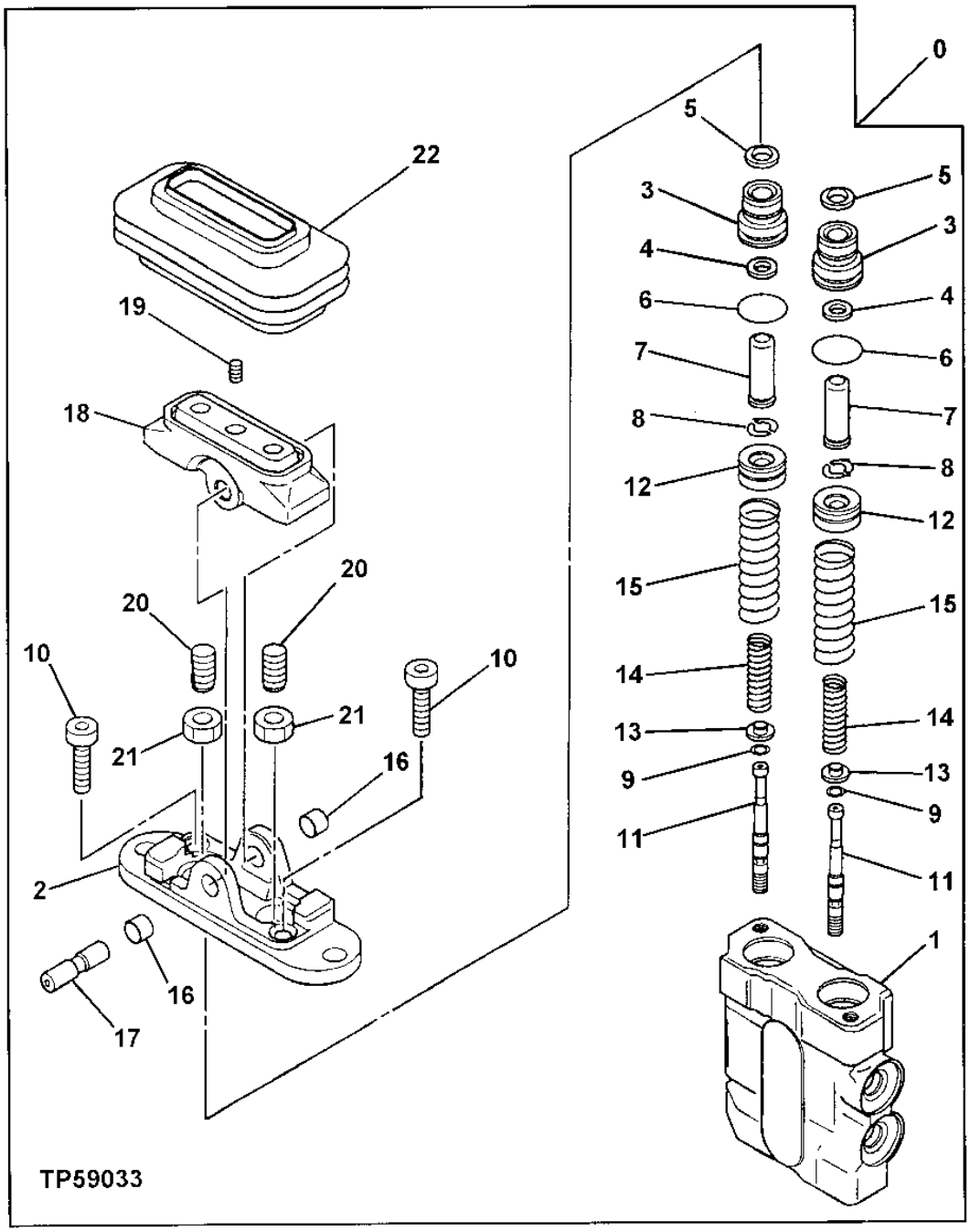


BLADE CONTROL VALVE

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4361117	HYD ACTUATED CONTROL VALVE	1		(SUB FOR AP34897)
1	.....	HOUSING	1		
2	.....	PLUNGER	1		
3	.....	COVER	1		
4	.....	BOLT	4		
5	.....	O-RING	2		
6	0622822	CAP	2		(SUB FOR AT202006)
7	4506418	O-RING	2		(SUB FOR U46489)
8	.....	COVER	1		
9	.....	CAP	1		
10	.....	BACK-UP RING	1		
11	AT264333	O-RING	1		(SUB FOR TH100096)
12	0159206	SPRING	1		(SUB FOR AT203700)
13	.....	CHECK VALVE	1		
14	0189803	BALL	1		(SUB FOR AT203704)
15	4506416	O-RING	3		15.800 X 2.400 MM (0.622" X 0.094") (SUB FOR TH102561)
16	4085607	BACK-UP RING	3		(SUB FOR TH102562)
17	.....	SPRING	1		
18	.....	CHECK VALVE	1		
19	.....	VALVE	1		
20	.....	SLEEVE	1		
21	.....	O-RING	3		
22	.....	RELIEF VALVE	1		
23	.....	RELIEF VALVE	1		
24	.....	GUIDE	2		
25	.....	SPACER	1		
26	.....	SPRING	1		
27	.....	CAP	1		

**BLADE PILOT VALVE
(RIGHT CONSOLE)**

TP59033 -UN-03APR98



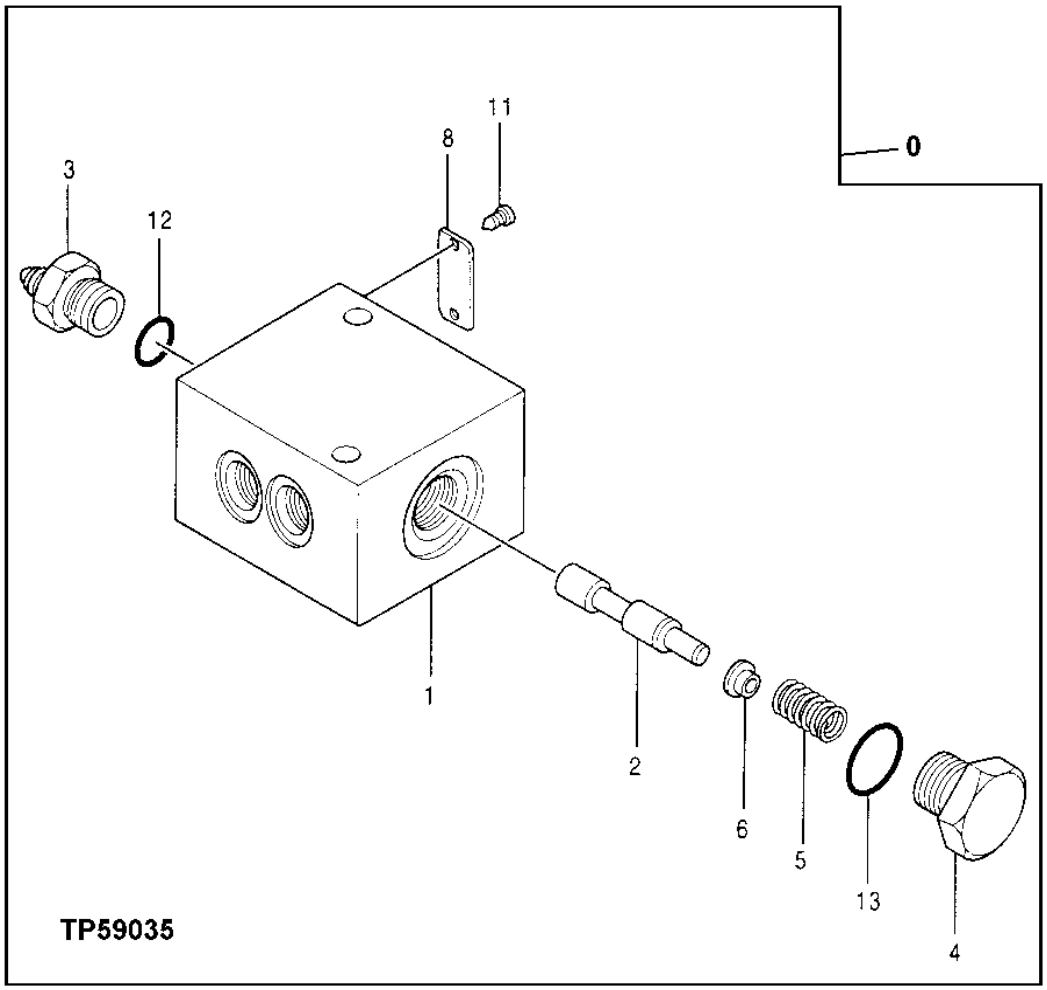
BLADE PILOT VALVE
(RIGHT CONSOLE)

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4330467	FLOW CONTROL HYD. VALVE	1		(SUB FOR AP34893)
1	.....	HOUSING	1		
2	.....	COVER	1		
3	.....	PLUG	2		
4	.....	SEAL	2		(K)
5	.....	SEAL	2		(K)
6	CH12329	PACKING	2		(K)
7	.....	PUSH ROD	2		
8	.....	WASHER	4		
9	.....	WASHER	2		
10	.....	BOLT	2		
11	.....	SPOOL	2		
12	.....	PLATE	2		
13	.....	SPRING WASHER	2		
14	.....	SPRING	2		
15	.....	SPRING	2		
16	.....	BUSHING	2		
17	.....	CAMSHAFT	1		
18	.....	CAM	1		
19	.....	SCREW	1		
20	.....	SCREW	2		
21	.....	LOCK NUT	2		
22	.....	COVER	1		

(K)SEAL KIT NOT CURRENTLY AVAILABLE.

**BLADE SHUTTLE VALVE
(RIGHT CONSOLE)**

TP59035 -UN-17MAR98

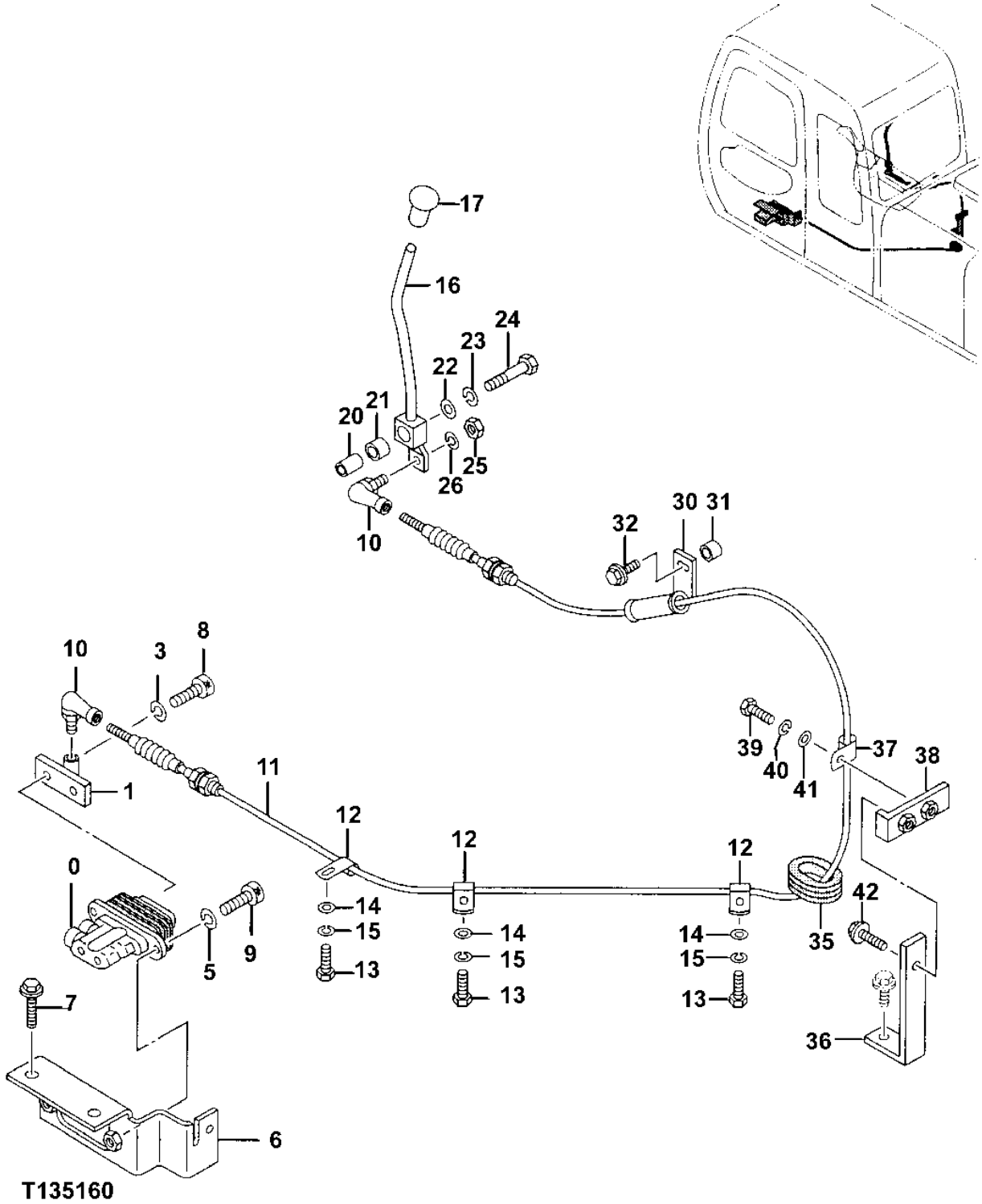


BLADE SHUTTLE VALVE
(RIGHT CONSOLE)

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4203446	FLOW CONTROL HYD. VALVE	1		(SUB FOR AT126356)
1	.....	HOUSING	1		
2	0380503	SPOOL	1		(SUB FOR AT201972)
3	.....	CONNECTOR	1		
4	.....	PLUG	1		
5	.....	SPRING	1		
6	.....	RETAINER	1		
8	.....	IDENTIFICATION PLATE	1		
11	0208717	SCREW	2		(SUB FOR TH102697)
12	M800650	PACKING	1		
13	4506418	O-RING	1		(SUB FOR U46489)

BLADE CONTROL LEVER RIGHT CONSOLE

T135160 -UN-03NOV00

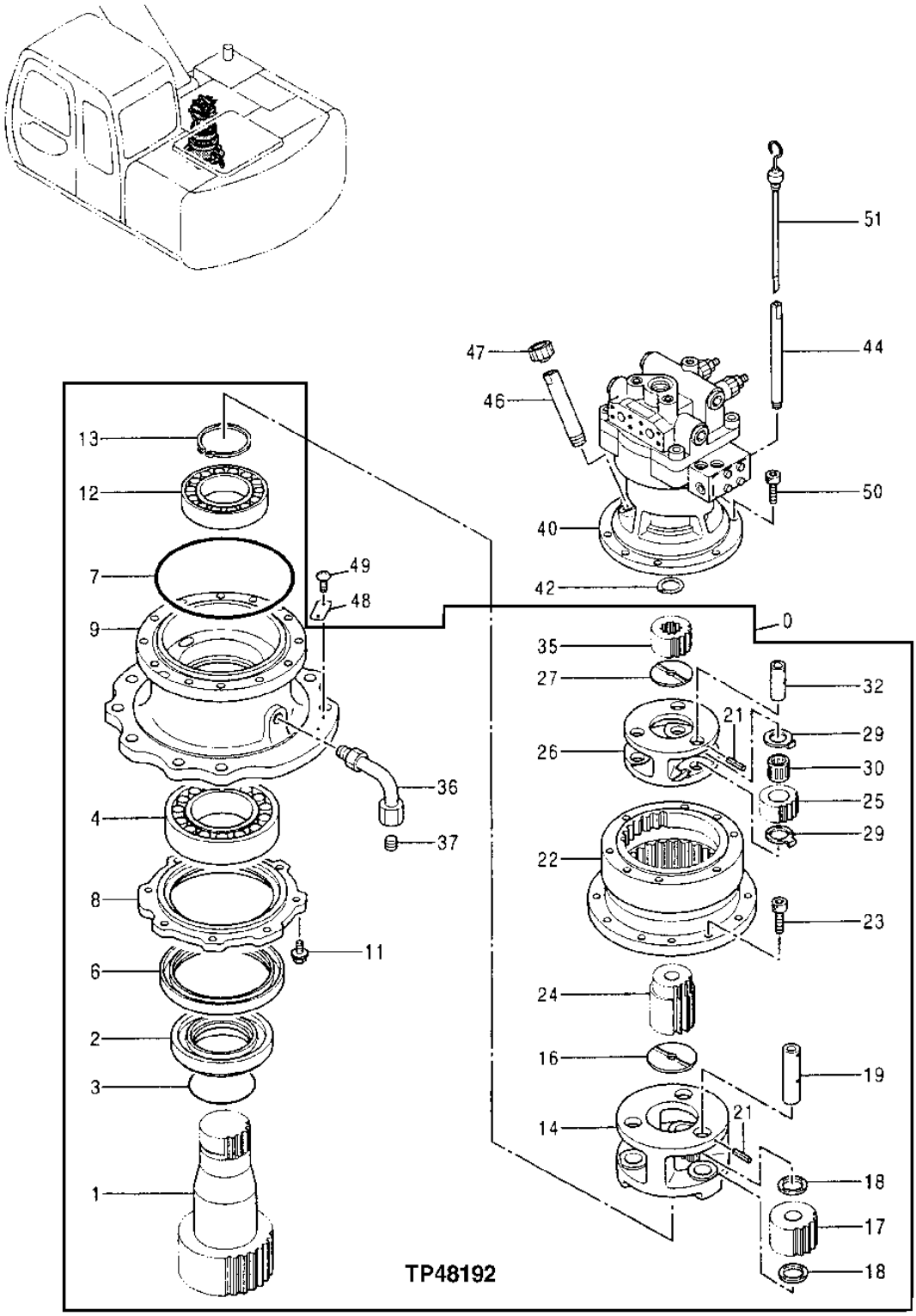


BLADE CONTROL LEVER RIGHT CONSOLE

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4330467	FLOW CONTROL HYD. VALVE	1		(SUB FOR AP34893) (PILOT)
1	9754977	BRACKET	1		(SUB FOR AT193984 OR TH9745906) (SUB FOR 9745906)
3	12M7066	LOCK WASHER	2		10 MM (0.394")
5	12M7066	LOCK WASHER	2		10 MM (0.394")
6	7033089	BRACKET	1		(SUB FOR AT193985 OR TH7033089)
7	19M7550	CAP SCREW	2		M10 X 35
	12M7066	LOCK WASHER	2		10 MM (0.394")
	24M7028	WASHER	2		10.500 X 20 X 2 MM (0.413" X 0.787" X 0.079")
8	J781020	BOLT	2		(SUB FOR P65776)
9	J781030	SCREW	2		(SUB FOR AT213614)
10	4056017	BALL JOINT	2		(SUB FOR TH102073)
11	4385352	CABLE	1		(SUB FOR AT193486 OR TH4385352)
12	4190261	CLIP	3		(SUB FOR TH109649)
13	19M7938	CAP SCREW	3		M10 X 20
14	24M7028	WASHER	3		10.500 X 20 X 2 MM (0.413" X 0.787" X 0.079")
15	12M7066	LOCK WASHER	3		10 MM (0.394")
16	8069533	LEVER	1		(SUB FOR TH8069533 OR AT193987)
17	4280117	GRIP	1		(SUB FOR P65874)
20	4279507	BUSHING	1		(SUB FOR P65873)
21	4280297	BUSHING	1		(SUB FOR AT251195)
22	24H1748	WASHER	1		12.700 X 31.750 X 2.667 MM (1/2" X 1-1/4" X 0.105")
23	12H301	LOCK WASHER	1		12.700 MM (1/2")
24	19M7496	CAP SCREW	1		M12 X 45
25	14M7272	NUT	1		M6
26	12M7006	LOCK WASHER	1		6 MM (0.236")
30	8068766	BRACKET	1		(SUB FOR AT193988 OR TH8068766)
31	4383309	SPACER	1		(SUB FOR AT193989 OR TH4383309)
32	19M7513	CAP SCREW	1		M8 X 30, (SUB FOR 19M7288)
35	4276794	GROMMET	1		(SUB FOR AT154344)
36	4384264	PLATE	1		(SUB FOR AT193990 OR TH4384264)
37	4190261	CLIP	1		(SUB FOR TH109649)
38	8748549	BRACKET	1		(SUB FOR AT193991 OR TH9748549)
39	19M7662	CAP SCREW	1		M10 X 30
40	12M7066	LOCK WASHER	1		10 MM (0.394")
41	24M7028	WASHER	1		10.500 X 20 X 2 MM (0.413" X 0.787" X 0.079")
42	19M7662	CAP SCREW	1		M10 X 30
	12M7066	LOCK WASHER	1		10 MM (0.394")
	24M7028	WASHER	1		10.500 X 20 X 2 MM (0.413" X 0.787" X 0.079")

SWING DEVICE

TP48192 -UN-06NOV96

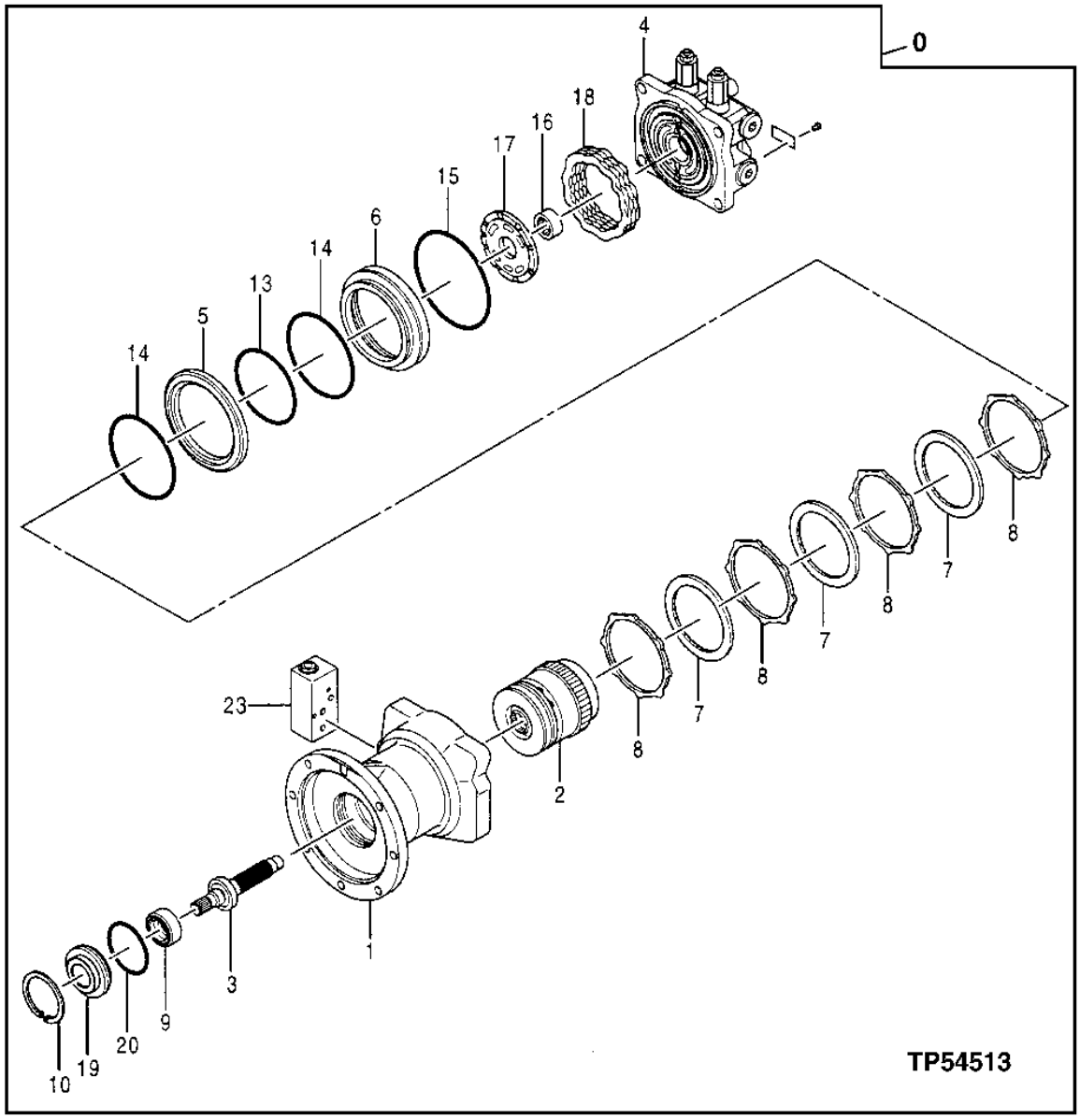


SWING DEVICE

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	9148921	DEVICE	1		(SUB FOR AT216011) (SWING DEVICE WITHOUT SWING MOTOR)
1	2036830	SHAFT	1		(SUB FOR AT215845)
2	4244693	SLEEVE	1		(SUB FOR AT154178)
3	AT264319	O-RING	1		99.400 X 3.100 MM (3.913" X 0.122") (SUB FOR T110447)
4	TH109489	SPHERICAL ROLLER BEARING	1		
6	AT154177	SEAL	1		
7	AT154182	O-RING	1		214.300 X 3.100 MM (8.437" X 0.122")
8	3058620	COVER	1		(SUB FOR AT158506)
9	1020380	HOUSING	1		(SUB FOR AT215834)
11	19M7550	CAP SCREW	8		M10 X 35
	12M7066	LOCK WASHER	8		10 MM (0.394")
12	TH108271	SPHERICAL ROLLER BEARING	1		
13	40M7150	SNAP RING	1		
14	2036804	PLANET PINION CARRIER	1		(SUB FOR AT215843)
16	4258089	PLATE	1		(SUB FOR AT154249)
17	9742788	GEAR	3		(SUB FOR AT216025)
18	4266255	PLATE	6		(SUB FOR AT154298)
19	4337638	PIN	3		(SUB FOR AT215902)
21	4116308	SPRING PIN	6		(SUB FOR AT215878)
22	2036811	RING GEAR	1		(SUB FOR AT215844)
23	M341440	SCREW	12		(SUB FOR AT201961)
24	3069697	SUN GEAR	1		(SUB FOR AT215858)
25	3069725	GEAR	3		(SUB FOR AT215859)
26	2036832	PLANET PINION CARRIER	1		(SUB FOR AT215846)
27	4176070	PLATE	1		(SUB FOR TH108259)
29	4269480	PLATE	6		(SUB FOR AT154307)
30	4330377	NEEDLE BEARING	3		(SUB FOR AT215887)
32	4337637	PIN FASTENER	3		(SUB FOR AT215901)
35	3069727	SUN GEAR	1		(SUB FOR AT215860)
36	8050210	PIPE	1		(SUB FOR AT154499)
37	94-2012	FITTING PLUG	1		(SUB FOR TH100653)
40	4330218EX	HYDRAULIC MOTOR	1		(REMANUFACTURED) (SUB FOR AT218387) (SUB FOR AT183677)
42	40M7084	SNAP RING	1		
44	4264452	TUBE	1		(SUB FOR AT154293)
46	4255227	PIPE	1		(SUB FOR AT154226)
47	4298608	CAP	1		(SUB FOR AT154225)
48	.....	IDENTIFICATION PLATE	1		
49	37H99	SCREW	2		2.540 X 6.350 MM (0.100" X 1/4")
50	19M8440	SCREW	7		M10 X 25
51	3074223	DIPSTICK	1		(SUB FOR AT213790)

SWING DEVICE MOTOR

TP54513 -UN-22JAN97

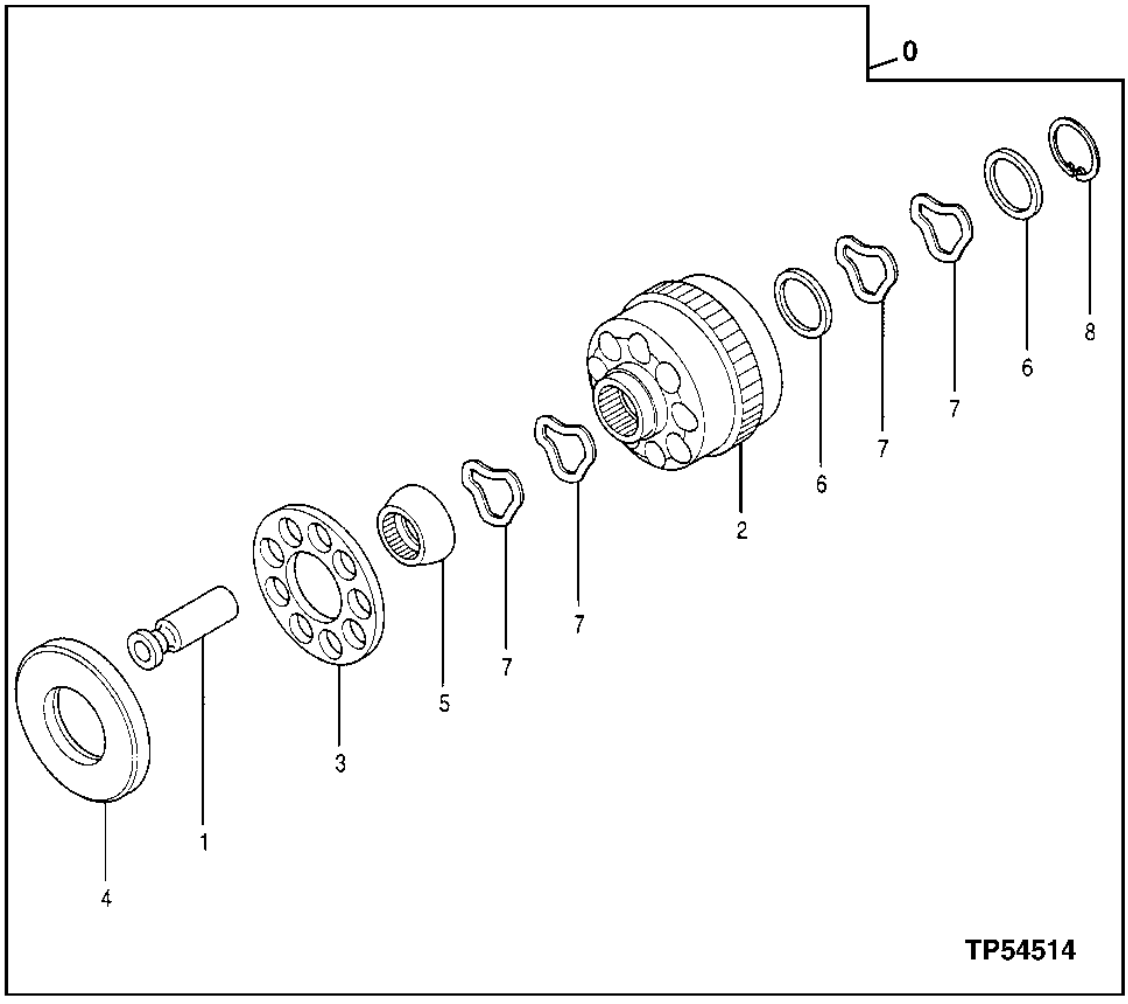


SWING DEVICE MOTOR

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4330218EX	HYDRAULIC MOTOR	1		(REMANUFACTURED) (SUB FOR AT218387) (SUB FOR AT183677)
1	.....	HOUSING	1		
2	4373197	ROTARY VALVE SLEEVE	1		(SUB FOR AT215979)
3	4373198	SHAFT	1		(SUB FOR AT215980)
4	4373199	COVER	1		(SUB FOR AT215981)
5	0407701	RING	1		(SUB FOR AT153845)
6	0668602	PISTON	1		(SUB FOR AT215704)
7	0407703	PLATE	3		(SUB FOR AT153847)
8	0407704	PLATE	4		(SUB FOR AT153848)
9	0407705	SEAL	1		(SUB FOR AT153849)
10	0407706	SNAP RING	1		(SUB FOR AT153850)
13	AT264224	O-RING	1		(SUB FOR TH100029, AT122159)
14	T74693	O-RING	2		148.819 X 3.531 MM (5-55/64" X 0.139")
15	4S00063	O-RING	1		(SUB FOR AT153852)
16	0668603	BEARING	1		(SUB FOR AT215705)
17	0668604	PLATE	1		(SUB FOR AT215706)
18	0668605	DISK SPRING	1		(SUB FOR AT215707)
19	0407711	CASE	1		(SUB FOR AT153855)
20	U44496	O-RING	1		75.870 X 2.616 MM (2.987" X 0.103")
23	4373200	FLOW CONTROL HYD. VALVE	1		(SUB FOR AT215982)

ROTARY GROUP

TP54514 -UN-22JAN97

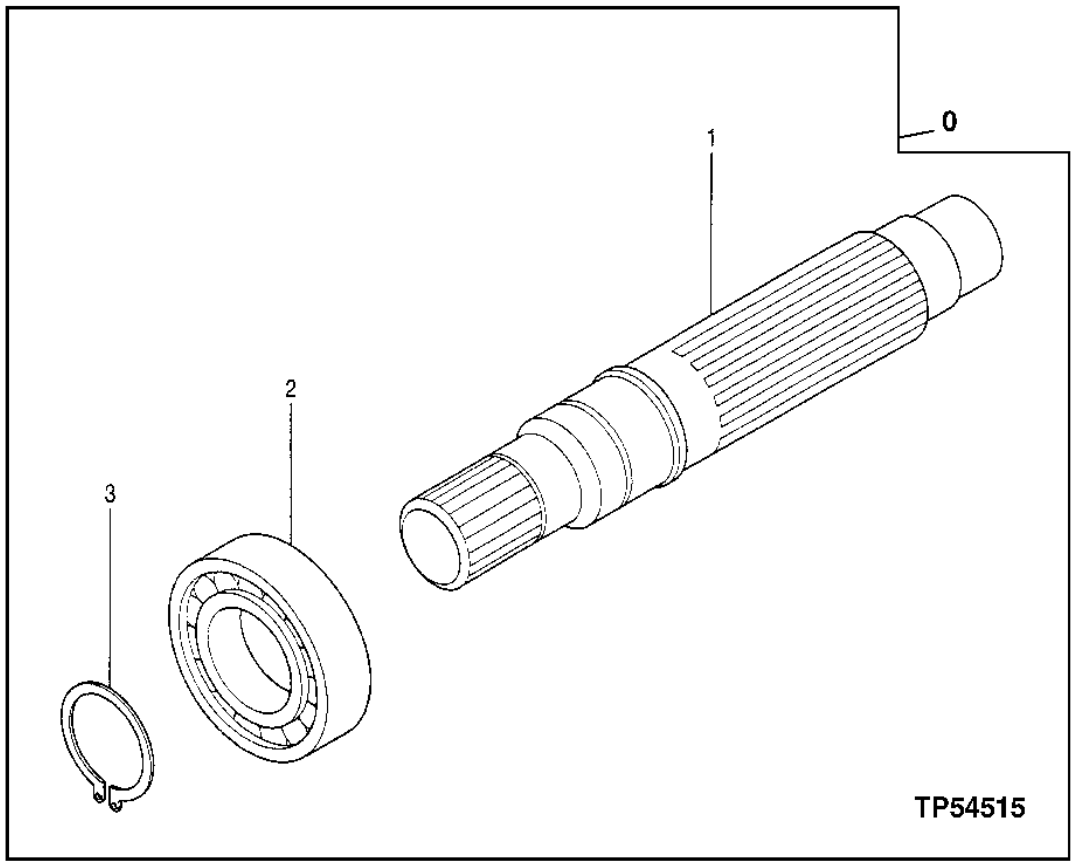


ROTARY GROUP

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4373197	ROTARY VALVE SLEEVE	1		(SUB FOR AT215979)
1	0668701	PISTON	9		(SUB FOR AT215709)
2	0668702	ROTOR	1		(SUB FOR AT215710)
3	0668703	RETAINER	1		(SUB FOR AT215711)
4	0668704	SWASH PLATE	1		(SUB FOR AT215712)
5	0668705	GUIDE	1		(SUB FOR AT215713)
6	0407805	PLATE	2		(SUB FOR AT153860)
7	0668706	DISK SPRING	4		(SUB FOR AT215714)
8	0407807	SNAP RING	1		(SUB FOR AT153862)

SHAFT PART

TP54515 -UN-22JAN97

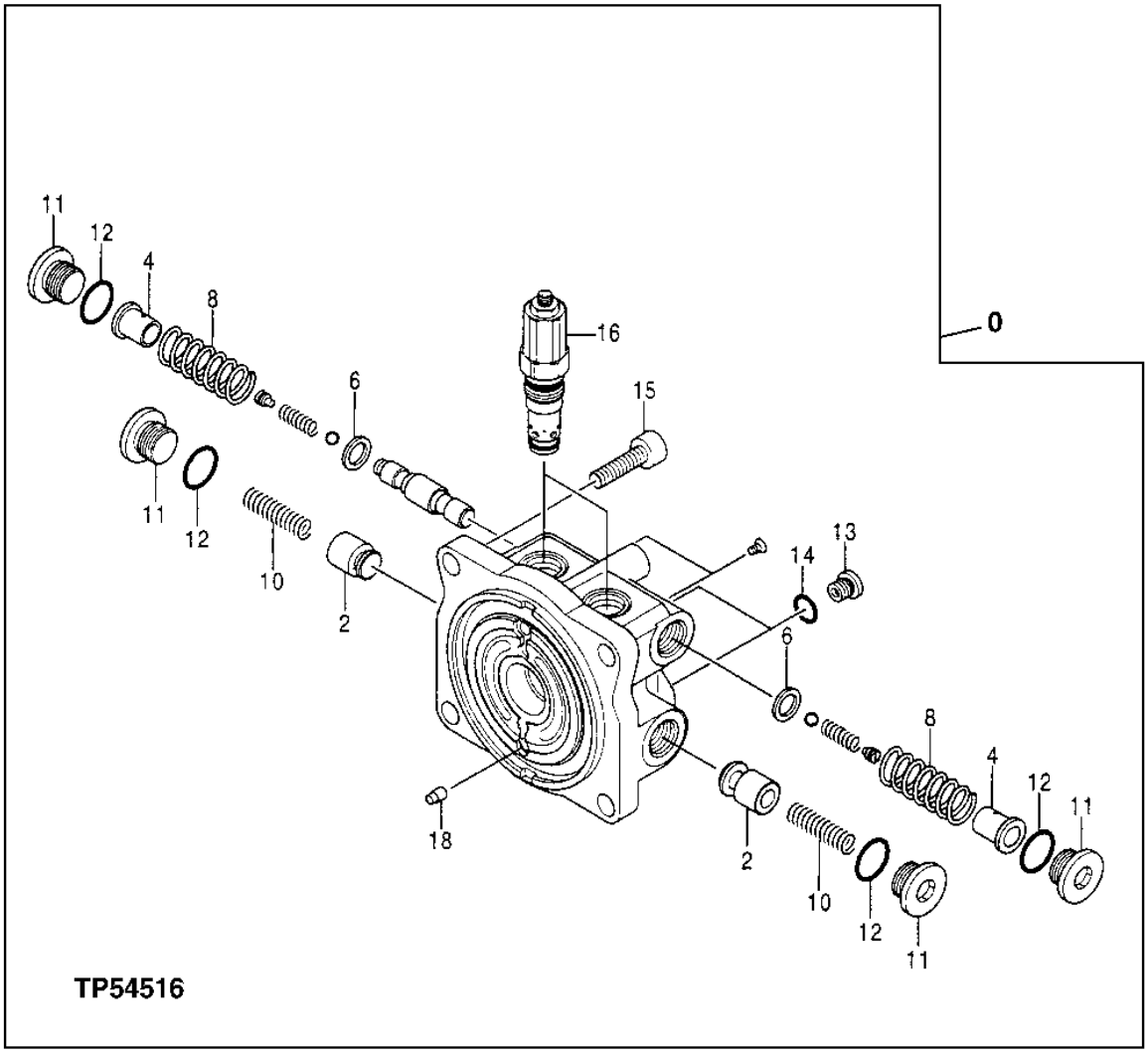


SHAFT PART

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4373198	SHAFT	1		(SUB FOR AT215980)
1	0668801	SHAFT	1		(SUB FOR AT215715)
2	0668802	BEARING	1		(SUB FOR AT215716)
3	0407903	SNAP RING	1		(SUB FOR AT153865)

COVER PART

TP54516 -UN-22JAN97

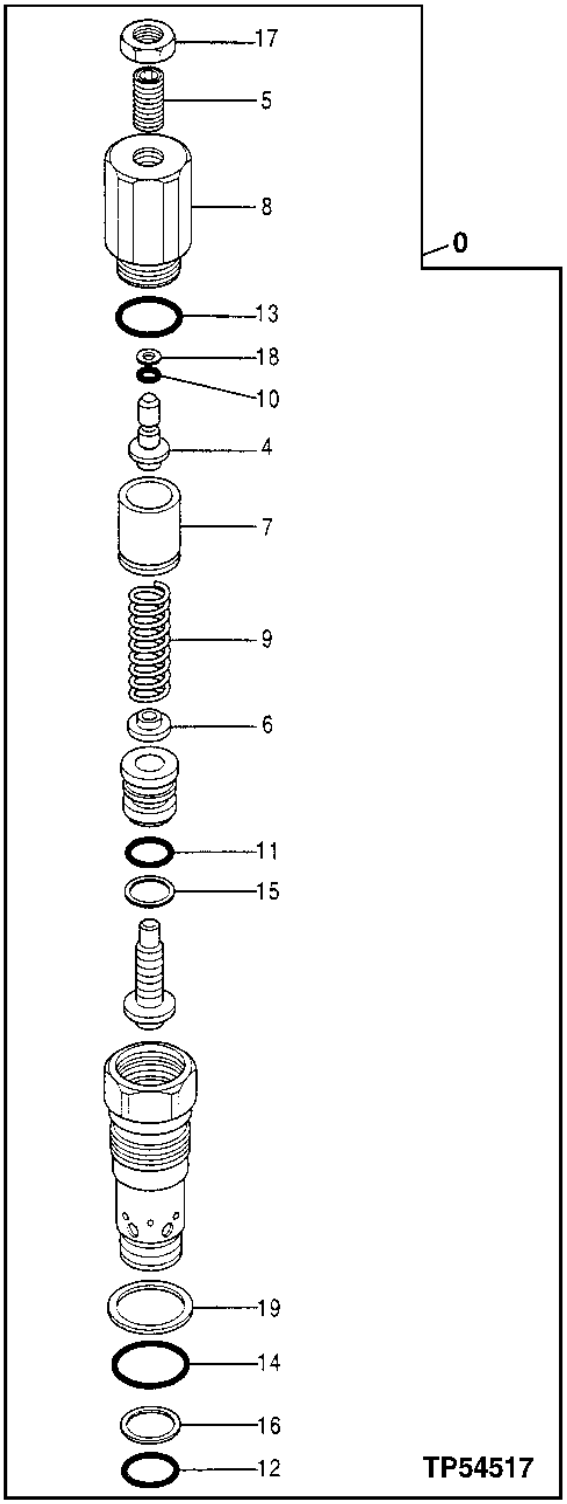


COVER PART

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4373199	COVER	1		(SUB FOR AT215981)
2	0408001	PLUNGER	2		(SUB FOR AT153867)
4	0668901	VALVE SEAT	2		(SUB FOR AT215717)
6	0668902	VALVE SEAT	2		(SUB FOR AT215718)
8	0668903	SPRING	2		(SUB FOR AT215719)
10	0408004	SPRING	2		(SUB FOR AT153870)
11	0408005	PLUG	4		(SUB FOR AT153871)
12	AT318035	O-RING	4		(SUB FOR 4506424, TH100055)
13	0215221	PIPE PLUG	2		(SUB FOR TH101486)
14	M800650	PACKING	2		
15	0625702	SCREW	4		(SUB FOR AT215663)
16	4373201	RELIEF VALVE	2		(SUB FOR AT215983)
18	0668904	PIN	1		(SUB FOR AT215720)

RELIEF VALVE

TP54517 -UN-21JAN97

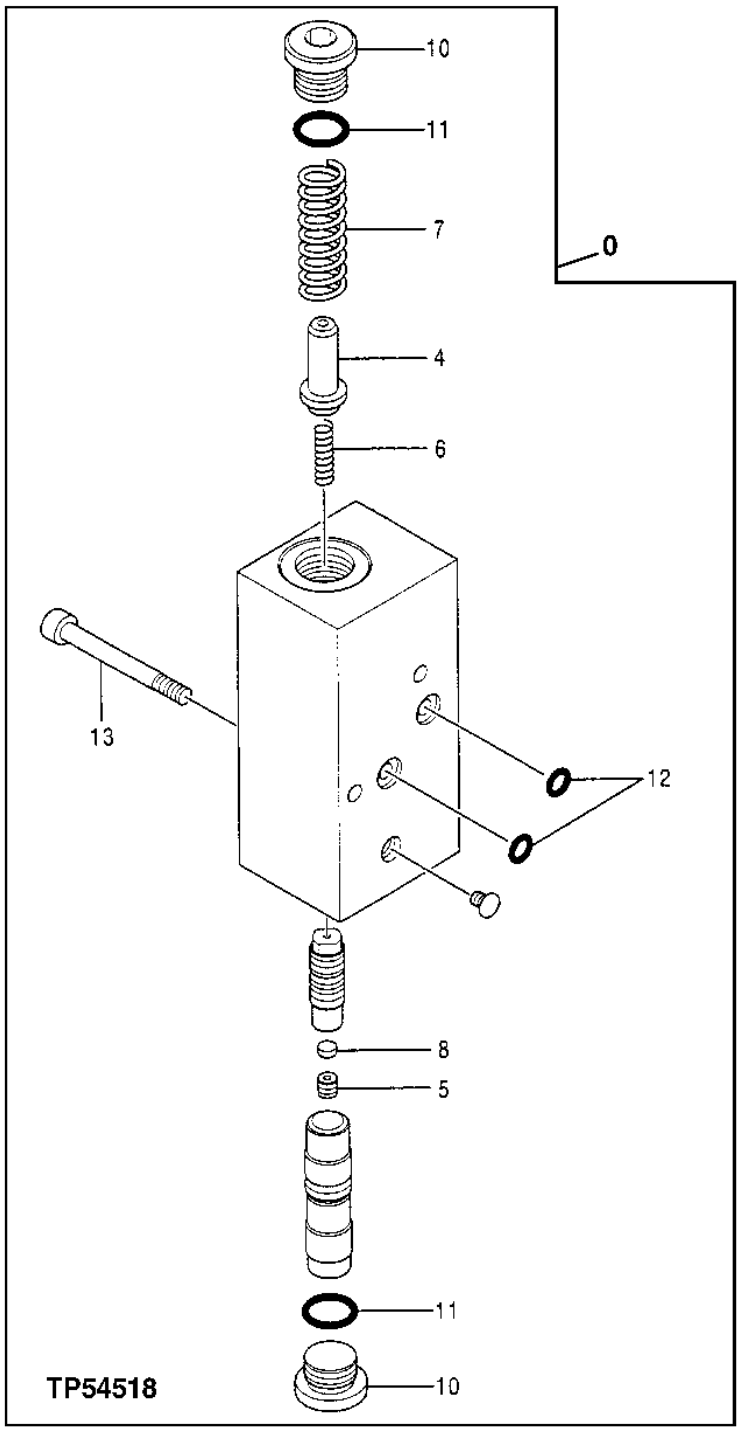


RELIEF VALVE

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4373201	RELIEF VALVE	1		(SUB FOR AT215983)
4	0669002	VALVE SEAT	1		(SUB FOR AT215722)
5	0669003	SCREW	1		(SUB FOR AT215723)
6	0669004	VALVE SEAT	1		(SUB FOR AT215724)
7	0669005	SPACER	1		(SUB FOR AT215725)
8	0669006	FITTING PLUG	1		(SUB FOR AT215726)
9	0669007	SPRING	1		(SUB FOR AT215727)
10	4050481	O-RING	1		3.800 X 1.900 MM (0.150" X 0.075") (SUB FOR TH100786)
11	CH10569	PACKING	1		
12	R375R	O-RING	1		15.545 X 2.616 MM (0.612" X 0.103")
13	CH12329	PACKING	1		
14	H35237	O-RING	1		23.470 X 2.616 MM (0.924" X 0.103")
15	0669008	BACK-UP RING	1		(SUB FOR AT215728)
16	0230908	BACK-UP RING	1		(SUB FOR TH104755)
17	14M7444	NUT	1		M10
18	0669009	BACK-UP RING	1		(SUB FOR AT215729)
19	0605401	BACK-UP RING	1		(SUB FOR AT165707)

TIMER VALVE

TP54518 -UN-05FEB97

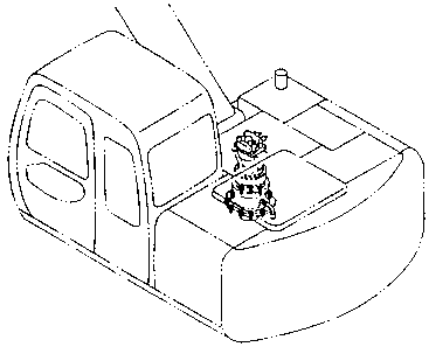


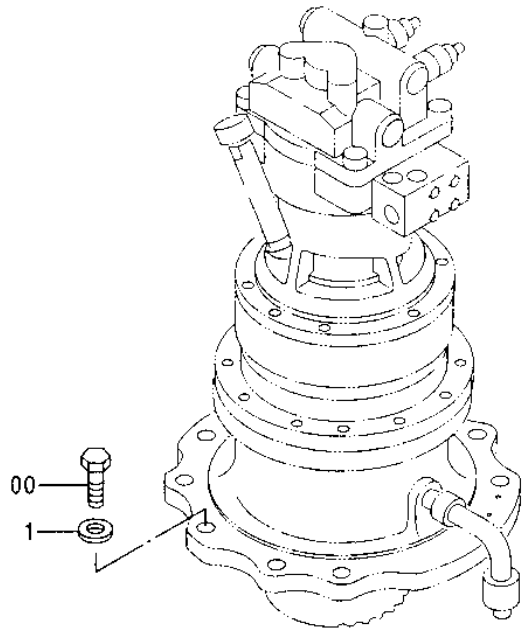
TIMER VALVE

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	4373200	FLOW CONTROL HYD. VALVE	1		(SUB FOR AT215982)
4	0669101	VALVE SEAT	1		(SUB FOR AT215730)
5	0669102	ORIFICE	1		(SUB FOR AT215731)
6	0669103	SPRING	1		(SUB FOR AT215732)
7	0669104	SPRING	1		(SUB FOR AT215733)
8	0669105	FILTER	1		(SUB FOR AT215734)
10	0311336	PIPE PLUG	2		(SUB FOR TH109082)
11	CH11570	O-RING	2		13.800 X 2.400 MM (0.543" X 0.094")
12	0669106	O-RING	2		(SUB FOR AT215735)
13	0215310	SCREW	2		(SUB FOR TH101503)

SWING DEVICE SUPPORT

TP48193 -UN-05NOV96





TP48193

SWING DEVICE SUPPORT

KEY	PART NO.	PART NAME	QTY	SERIAL NO.	REMARKS
0	19M8224	CAP SCREW	10		(SUB FOR AT213620)
1	N231749	WASHER	10		

MEMORANDA

1K17

NUMERICAL INDEX

PART NO.	GRID	KEY	PAGE
AA34965	2F7	3	1830 - 5
AE24616	2I10	1	2160 - 29
AE24616	2I10	22	2160 - 29
AE24616	3C20	5	3315 - 21B
AE24616	3C22	2	3315 - 23
AE24616	3H8	26	3360 - 107
AE24616	3H24	13	3360 - 121
AE24616	3I15	33	3401 - 13
AE42067	3C20	6	3315 - 21B
AE42067	3C20	7	3315 - 21B
AE42067	3C22	6	3315 - 23
AE42718	3H8	5	3360 - 107
AH108250	3C20	2	3315 - 21B
AH108250	3C22	8	3315 - 23
AH148041	3G20	50	3360 - 97
AH148041	3G20	51	3360 - 97
AH148777	3G18	6	3360 - 93
AH149465	3G16	27	3360 - 89
AH149467	3G14	27	3360 - 85
AH150594	3G20	2	3360 - 97
AH150595	3G20	90	3360 - 97
AH150599	3G20	31	3360 - 97
AH150696	3G20	1	3360 - 97
AH152130	3G18	50	3360 - 93
AH152130	3G18	51	3360 - 93
AH152131	3G14	50	3360 - 85
AH152131	3G14	51	3360 - 85
AH152132	3G16	50	3360 - 89
AH152132	3G16	51	3360 - 89
AH152917	3G18	..	3360 - 93
AH152920	3G14	1	3360 - 85
AH152921	3G14	2	3360 - 85
AH152921	3G16	2	3360 - 89
AH152922	3G14	28	3360 - 85
AH152923	3G16	1	3360 - 89
AH152924	3G16	28	3360 - 89
AH152925	3G18	1	3360 - 93
AH152926	3G18	2	3360 - 93
AH152927	3G18	31	3360 - 93
AH152928	3G14	32	3360 - 85
AH152928	3G16	32	3360 - 89
AH152929	3G18	34	3360 - 93
AH152930	3G14	90	3360 - 85
AH152930	3G16	90	3360 - 89
AH153170	3G20	50	3360 - 97
AH154884	3G14	50	3360 - 85
AH154885	3G16	50	3360 - 89
AH154886	3G18	50	3360 - 93
AH163275	3G20	51	3360 - 97
AH75160	3H8	3	3360 - 107
AH77869	2B21	13	1674 - 17
AH89069	2I10	1	2160 - 29
AH89069	2I10	2	2160 - 29
AH97777	2I10	3	2160 - 29
AL2976T	1I24	14	0505 - 5
AP33221	2G15	0	1910 - 15
AP33222	2G15	3	1910 - 15
AP33223	2G15	47	1910 - 15
AP33231	1J2	1	0510 - 3
AP33233	1J2	19	0510 - 3
AP33234	1J2	8	0510 - 3
AP33235	1J2	10	0510 - 3
AP33236	1J2	15	0510 - 3
AP33237	1J2	14	0510 - 3
AP33244	1J20	34	0530 - 3
AP33245	1J20	33A	0530 - 3
AP33248	1J18	23	0520 - 5
AP33252	1J16	0G	0520 - 3
AP33255	1D8	2	0400 - 3
AP33255	1D10	2	0400 - 5
AP33256	1D8	10	0400 - 3
AP33256	1D10	10	0400 - 5
AP33258	1J2	1	0510 - 3
AP33266	2C17	0	1740 - 3
AP33288	1J2	7	0510 - 3
AP33296	2E22	30	1821 - 3
AP33298	1J16	20	0520 - 3
AP33323	3H22	16	3360 - 119
AP33324	3H22	17	3360 - 119
AP33341	2G15	40	1910 - 15
AP33342	3H22	20	3360 - 119
AP33343	3H22	19	3360 - 119
AP33356	2G21	50	1910 - 21
AP33418	3E20	0	3360 - 41
AP33419	3E20	8	3360 - 41
AP33426	3F18	28	3360 - 63
AP33429	3D20	0	3360 - 17
AP33430	3D6	0	3360 - 3
AP33431	3D8	0	3360 - 5
AP33432	3D12	2	3360 - 9
AP33433	3F18	30	3360 - 63
AP33466	2B17	2	1674 - 13
AP33477	2B17	31	1674 - 13
AP33478	3F18	34	3360 - 63
AP33486	2B17	28	1674 - 13
AP33487	2B17	27	1674 - 13
AP33488	3E22	1	3360 - 43
AP33488	3E24	1	3360 - 45
AP33505	1J22	0	0560 - 3
AP33516	2G3	10	1910 - 3
AP33526	2G9	0	1910 - 9
AP33538	3D6	6	3360 - 3
AP33539	3D2	7	3340 - 5
AP33589	2C21	10	1740 - 7
AP33637	3F12	9	3360 - 57
AP33638	3F12	10	3360 - 57
AP33639	3C24	10	3340 - 3
AP33639	3D2	10	3340 - 5
AP33668	2B7	5	1674 - 3
AP33668	3F2	4	3360 - 47
AP34020	3F18	56	3360 - 63
AP34030	3F16	36	3360 - 61
AP34033	3F2	7	3360 - 47
AP34033	3F4	0	3360 - 49
AP34035	1J10	0	0515 - 5
AP34071	3G10	17	3360 - 79
AP34073	3G10	19	3360 - 79
AP34078	2I4	0	2160 - 23
AP34082	3G8	31	3360 - 77
AP34117	3G10	16	3360 - 79
AP34127	2G11	7	1910 - 11
AP34131	2G9	22	1910 - 9
AP34133	2G9	9	1910 - 9
AP34134	2G9	20	1910 - 9
AP34137	2G9	7	1910 - 9
AP34175	2G5	0	1910 - 5
AP34176	2G5	7	1910 - 5
AP34182	3C24	6	3340 - 3
AP34245	1J10	3	0515 - 5
AP34295	3D4	0	3344 - 3
AP34302	3C24	0	3340 - 3
AP34348	3G12	9	3360 - 81
AP34349	3G12	7	3360 - 81
AP34350	3G12	1	3360 - 81
AP34351	3G12	8	3360 - 81
AP34373	1B4	1	0130 - 3
AP34389	3D2	0	3340 - 5
AP34391	1J8	6	0515 - 3
AP34395	3D22	0	3360 - 19
AP34395	3E2	0	3360 - 23
AP34395	3E4	0	3360 - 25
AP34395	3E6	0	3360 - 27
AP34395	3E8	0	3360 - 29
AP34395	3E10	0	3360 - 31
AP34395	3E12	0	3360 - 33
AP34395	3E14	0	3360 - 35
AP34395	3E16	0	3360 - 37
AP34395	3E18	0	3360 - 39
AP34398	2H9	1	2160 - 3
AP34398	2H13	0	2160 - 7
AP34401	2F11	6	1830 - 9
AP34402	2E4	4	1810 - 27
AP34403	2F5	14	1830 - 3
AP34420	2G21	0	1910 - 21
AP34421	2G21	2	1910 - 21
AP34422	2G21	5	1910 - 21
AP34423	2G21	8	1910 - 21
AP34424	2G21	11	1910 - 21
AP34425	2G21	13	1910 - 21
AP34426	2G21	16	1910 - 21
AP34467	1K2	11	0560 - 7
AP34469	1K2	0	0560 - 7
AP34508	2G7	0	1910 - 7
AP34509	2G7	7	1910 - 7
AP34510	2G7	9	1910 - 7
AP34517	2I6	4	2160 - 25
AP34518	2I6	11	2160 - 25
AP34524	3D6	11	3360 - 3
AP34529	2B17	22	1674 - 13
AP34531	2G3	4	1910 - 3
AP34533	1J6	4	0510 - 7
AP34533	1J6	7	0510 - 7
AP34620	2B21	0	1674 - 17
AP34631	1C21	2	0260 - 21
AP34632	1C21	3	0260 - 21
AP34633	1C21	21	0260 - 21
AP34634	1C21	14	0260 - 21
AP34636	2G21	1	1910 - 21
AP34637	2G21	4	1910 - 21
AP34638	2G21	6	1910 - 21
AP34639	2G21	9	1910 - 21
AP34640	2G21	12	1910 - 21
AP34652	2G21	15	1910 - 21
AP34654	1B16	30	0130 - 15
AP34655	1B18	20	0130 - 17
AP34865	1B6	1	0130 - 5
AP34866	2G3	4	1910 - 3
AP34867	2G3	11	1910 - 3
AP34883	2B25	12	1674 - 21
AP34891	3I23	0	3401 - 21
AP34893	3I13	0	3401 - 11
AP34893	3J16	0	3401 - 31
AP34893	3J20	0	3415 - 3
AP34894	3I17	7	3401 - 15
AP34895	3I9	9	3401 - 7
AP34897	3I9	0	3401 - 7
AP34897	3J14	0	3401 - 29
AP34899	3I19	20	3401 - 17
AP34901	3I13	8	3401 - 11
AP34902	3I13	9	3401 - 11
AP34903	3I13	13	3401 - 11

NUMERICAL INDEX - CONTINUED

PART NO.	GRID	KEY	PAGE
AP34904	3I13	14	3401 - 11
AP34909	3I23	4	3401 - 21
AP34912	3I17	8	3401 - 15
AP34913	3I13	10	3401 - 11
AP34914	3I13	11	3401 - 11
AP34917	3I17	18	3401 - 15
AP34918	3I17	15	3401 - 15
AP34919	3I17	16	3401 - 15
AP34929	3I23	1	3401 - 21
AP34932	3I5	20	3401 - 3
AP34934	3I23	10	3401 - 21
AP34936	3I17	11	3401 - 15
AP34937	3I17	12	3401 - 15
AP34938	3I17	9	3401 - 15
AP34949	3I19	7	3401 - 17
AP34950	3I19	7	3401 - 17
AP34950	3I19	8	3401 - 17
AP34951	3I7	31	3401 - 5
AP34953	3I19	10	3401 - 17
AP34954	3I19	9	3401 - 17
AP34959	3I21	2	3401 - 19
AP34960	3I13	1	3401 - 11
AP34961	3I19	25	3401 - 17
AP34962	3I19	26	3401 - 17
AP35000	3H22	10	3360 - 119
AP35030	1C17	40	0260 - 17
AP35031	2H11	1	2160 - 5
AP35031	2H15	0	2160 - 9
AP35031	2H17	1	2160 - 11
AP35031	2H19	1	2160 - 13
AP35048	3I7	24	3401 - 5
AP35049	3I7	21	3401 - 5
AP35199	3I15	3	3401 - 13
AP35200	3I5	6	3401 - 3
AP35201	3I7	20	3401 - 5
AP35202	3I7	1	3401 - 5
AP35203	3I7	23	3401 - 5
AP35204	3I15	2	3401 - 13
AP35205	3I5	10	3401 - 3
AP35206	3I5	12	3401 - 3
AP35207	3I9	14	3401 - 7
AP35207	3I9	20	3401 - 7
AP35208	3I5	11	3401 - 3
AP35209	3I9	11	3401 - 7
AP35211	3C24	70	3340 - 3
AP35213	3D2	70	3340 - 5
AP35225	1D8	8	0400 - 3
AP35225	1D10	8	0400 - 5
AP35226	1D8	2	0400 - 3
AP35226	1D10	2	0400 - 5
AP35227	1D8	10	0400 - 3
AP35227	1D10	10	0400 - 5
AP35242	1J2	7	0510 - 3
AP35244	1J16	0	0520 - 3
AP35245	1J20	33A	0530 - 3
AP35245	1J20	33B	0530 - 3
AP35245	1J20	35A	0530 - 3
AP35245	1J20	35B	0530 - 3
AP35246	1D8	8	0400 - 3
AP35246	1D10	8	0400 - 5
AP35249	1J8	6	0515 - 3
AP35250	1J20	34	0530 - 3
AP35539	3I7	25	3401 - 5
AP35540	3I7	22	3401 - 5
AP35541	2H9	1	2160 - 3
AP35541	2H13	0	2160 - 7
AP35542	2H11	1	2160 - 5
AP35542	2H15	0	2160 - 9
AP35548	2C21	10	1740 - 7
AP35550	1C17	40	0260 - 17
AP35555	3D22	0	3360 - 19
AP35555	3D24	0	3360 - 21
AP35555	3E2	0	3360 - 23
AP35555	3E4	0	3360 - 25
AP35555	3E6	0	3360 - 27
AP35555	3E8	0	3360 - 29
AP35555	3E10	0	3360 - 31
AP35555	3E12	0	3360 - 33
AP35555	3E14	0	3360 - 35
AP35555	3E16	0	3360 - 37
AP35555	3E18	0	3360 - 39
AP35558	3E22	1	3360 - 43
AP35558	3E24	1	3360 - 45
AP35561	3F2	7	3360 - 47
AP35561	3F4	0	3360 - 49
AP35571	2G9	7	1910 - 9
AP35583	2G9	6	1910 - 9
AP35591	2G9	0	1910 - 9
AP35592	2G9	9	1910 - 9
AP35632	2C19	0	1740 - 5
AP35679	2G11	7	1910 - 11
AP35708	3D10	6	3360 - 7
AP35729	1K2	10	0560 - 7
AP35786	3I19	25	3401 - 17
AP35787	3I19	26	3401 - 17
AP35844	3I15	2	3401 - 13
AP35845	3I7	25	3401 - 5
AP35847	3D16	5	3360 - 13
AP35848	3D16	1	3360 - 13
AP35861	1J22	0	0560 - 3
AP35863	2G19	2B	1910 - 19
AP36328	2G15	0	1910 - 15
AP36524	2F2	1A	1821 - 7
AP36524	2F2	1B	1821 - 7
AP37093	2F5	9	1830 - 3
AP38576	3I11	0	3401 - 9
AP39145	2G15	3	1910 - 15
AP39225	3I11	0	3401 - 9
AP39351	2G15	0	1910 - 15
AR21836	1K2	2	0560 - 7
AR21836	1K2	13	0560 - 7
AR21999	1J4	2	0510 - 5
AR40418	1J4	10	0510 - 5
AR44361	1J16	0K	0520 - 3
AR45925	2B17	19	1674 - 13
AR48236	1J6	5	0510 - 7
AR48675	1F2	14	0418 - 3
AR60937	2E2	16	1810 - 25
AR62399	1I22	7	0505 - 2
AR65294	1E16	1	0414 - 1
AR65294	1H12	1	0414A - 1
AR65507	1D19	9	0403 - 2
AR65507	1G14	9	0403A - 2
AR76140	2I10	17	2160 - 29
AR84721	3I15	29	3401 - 13
AR85519	1E15	1	0413 - 3
AR85519	1H11	1	0413A - 3
AR90081	3C20	20	3315 - 21B
AR94101	2C14	5	1674 - 35
AR94101	3H24	25	3360 - 121
AT101944	2F14	17	1830 - 12
AT101945	2F14	16	1830 - 12
AT107392	2I6	15	2160 - 25
AT107392	3D10	2	3360 - 7
AT107392	3G12	17	3360 - 81
AT107392	3H18	32	3360 - 115
AT107512	1I25	2	0510 - 1
AT112176	1J18	26	0520 - 5
AT115448	3H2	11	3360 - 103
AT115448	3H4	11	3360 - 103B
AT115451	3H2	9	3360 - 103
AT115535	3C18	10	3315 - 21
AT115535	3C20	12	3315 - 21B
AT115535	3C22	12	3315 - 23
AT116486	3H8	7	3360 - 107
AT116486	3H24	16	3360 - 121
AT120949	3F8	8	3360 - 53
AT121321	2B21	15	1674 - 17
AT121585	2D25	4	1810 - 23
AT122152	2G15	27	1910 - 15
AT122159	3J25	13	4360 - 5
AT122209	3C24	0F	3340 - 3
AT122209	3C24	7D	3340 - 3
AT122209	3D2	0F	3340 - 5
AT122209	3D2	7C	3340 - 5
AT122384	2B21	17	1674 - 17
AT122928	2I4	11F	2160 - 23
AT122960	3I5	22	3401 - 3
AT126126	3D4	4	3344 - 3
AT126162	2G11	61A	1910 - 11
AT126283	2C17	20	1740 - 3
AT126336	3F16	18	3360 - 61
AT126336	3F20	33	3360 - 65
AT126356	3I17	14	3401 - 15
AT126356	3J18	0	3401 - 33
AT126357	3I15	0	3401 - 13
AT126357	3I17	0	3401 - 15
AT126362	3H16	14	3360 - 113
AT126381	3I13	4	3401 - 11
AT126381	3I15	1	3401 - 13
AT126381	3I17	17	3401 - 15
AT126381	3I25	0	3401 - 23
AT126456	3I17	10	3401 - 15
AT126458	3F18	1	3360 - 63
AT126458	3I17	13	3401 - 15
AT126684	3H18	1	3360 - 115
AT126826	3I15	30	3401 - 13
AT127258	2H17	61	2160 - 11
AT127258	2H19	61	2160 - 13
AT130053	3H6	15	3360 - 105
AT130053	3H8	12	3360 - 107
AT130157	1K9	1	1369 - 3
AT130327	2C21	16	1740 - 7
AT130379	2C17	3	1740 - 3
AT130379	2C23	1	1740 - 9
AT130684	3H6	16	3360 - 105
AT130684	3H8	9	3360 - 107
AT131080	3B11	90	3302 - 3
AT131080	3B13	21	3302 - 5
AT131080	3B13	22	3302 - 5
AT131080	3B13	90	3302 - 5
AT131080	3B15	21	3302 - 7
AT131080	3B15	22	3302 - 7
AT131080	3B15	90	3302 - 7
AT131081	3B11	15	3302 - 3
AT131081	3B15	15	3302 - 7
AT131089	3B17	15	3302 - 9
AT131269	3C4	11B	3315 - 7
AT131269	3C4	12B	3315 - 7
AT131360	3B17	40	3302 - 9
AT131361	3B17	40	3302 - 9

NUMERICAL INDEX - CONTINUED

PART NO.	GRID	KEY	PAGE
AT131372	1B16	12	0130 - 15
AT131436	2I10	8	2160 - 29
AT131437	2I10	13	2160 - 29
AT131445	3H6	13	3360 - 105
AT131732	2C21	5	1740 - 7
AT131732	2C21	6	1740 - 7
AT131743	2H3	2	2002 - 3
AT131864	2D9	16A	1810 - 7
AT131865	2D9	16B	1810 - 7
AT131902	3D10	7	3360 - 7
AT132273	3F4	23	3360 - 49
AT132503	3G22	5	3360 - 99
AT133590	3C18	0	3315 - 21
AT133590	3H6	2	3360 - 105
AT133631	3G14	5	3360 - 85
AT133631	3G16	5	3360 - 89
AT133633	3G14	7	3360 - 85
AT133633	3G16	7	3360 - 89
AT133633	3J6	7	3401 - 25D
AT133633	3J12	7	3401 - 27D
AT133634	3G14	8	3360 - 85
AT133634	3G16	8	3360 - 89
AT133634	3J6	8	3401 - 25D
AT133634	3J12	8	3401 - 27D
AT133635	3J6	6	3401 - 25D
AT133635	3J12	6	3401 - 27D
AT133645	3G14	4	3360 - 85
AT133645	3G16	4	3360 - 89
AT134051	3I5	7	3401 - 3
AT134051	3I9	13	3401 - 7
AT134345	2I10	1	2160 - 29
AT134345	2I10	12	2160 - 29
AT135551	3H2	12	3360 - 103
AT135758	2B19	1C	1674 - 15
AT135758	2G15	6C	1910 - 15
AT136392	3H6	1	3360 - 105
AT137356	3C18	16	3315 - 21
AT137356	3C18	19	3315 - 21
AT137356	3H6	1	3360 - 105
AT13740	1D22	30	0404 - 3
AT13740	1G17	30	0404A - 3
AT13740	1J2	41	0510 - 3
AT138345	2E22	18	1821 - 3
AT138346	2E22	19	1821 - 3
AT138349	2E22	20	1821 - 3
AT139382	3H2	4	3360 - 103
AT139382	3H4	4	3360 - 103B
AT139383	3H2	3	3360 - 103
AT139383	3H4	3	3360 - 103B
AT140041	3H8	7	3360 - 107
AT140041	3H24	16	3360 - 121
AT141562	3H2	15	3360 - 103
AT141562	3H4	15	3360 - 103B
AT142288	2B5	1	1674 - 1
AT145341	2B17	16	1674 - 13
AT145384	1D22	31	0404 - 3
AT145384	1G17	31	0404A - 3
AT146242	3B11	6	3302 - 3
AT146242	3B11	7	3302 - 3
AT146242	3B11	91	3302 - 3
AT146242	3B13	91	3302 - 5
AT146242	3B15	6	3302 - 7
AT146242	3B15	7	3302 - 7
AT146242	3B15	91	3302 - 7
AT146242	3B17	6	3302 - 9
AT146242	3B17	7	3302 - 9
AT146242	3B17	28	3302 - 9
AT146294	2G15	0	1910 - 15
AT146294	2G15	13	1910 - 15
AT147203	3H22	4	3360 - 119
AT147401	1J20	37	0530 - 3
AT147803	1J22	4	0560 - 3
AT147803	2B11	1A	1674 - 7
AT147803	2D13	8	1810 - 11
AT147803	2G11	61	1910 - 11
AT147803	2G17	2	1910 - 17
AT147803	2G21	18	1910 - 21
AT149463	3G20	28	3360 - 97
AT152120	3C18	7	3315 - 21
AT152120	3C20	13	3315 - 21B
AT152138	3C18	0	3315 - 21
AT152138	3C18	5	3315 - 21
AT152138	3C18	21	3315 - 21
AT152138	3H6	12	3360 - 105
AT153833	2H25	5	2160 - 19
AT153834	2H25	9	2160 - 19
AT153835	2H25	12	2160 - 19
AT153835	2I2	10	2160 - 21
AT153837	2H25	15	2160 - 19
AT153837	2I2	29	2160 - 21
AT153838	2H25	10	2160 - 19
AT153838	2I2	34	2160 - 21
AT153842	3G2	3	3360 - 71
AT153843	3G2	8	3360 - 71
AT153844	3G2	10	3360 - 71
AT153845	3J25	5	4360 - 5
AT153847	3J25	7	4360 - 5
AT153848	3J25	8	4360 - 5
AT153849	3J25	9	4360 - 5
AT153850	3J25	10	4360 - 5
AT153852	3J25	15	4360 - 5
AT153855	3J25	19	4360 - 5
AT153860	3K2	6	4360 - 7
AT153862	3K2	8	4360 - 7
AT153865	3K4	3	4360 - 9
AT153867	3K6	2	4360 - 11
AT153870	3K6	10	4360 - 11
AT153871	3K6	11	4360 - 11
AT153880	2H25	3	2160 - 19
AT153880	2I2	7	2160 - 21
AT153881	2H25	6	2160 - 19
AT153882	2H25	16	2160 - 19
AT153885	2H25	17	2160 - 19
AT153902	3E24	2	3360 - 45
AT153902	3E24	34	3360 - 45
AT153904	3E24	5	3360 - 45
AT153904	3E24	36	3360 - 45
AT153914	3G14	6	3360 - 85
AT153914	3G16	6	3360 - 89
AT153916	3G14	13	3360 - 85
AT153916	3G16	13	3360 - 89
AT153919	3G18	17	3360 - 93
AT153920	3J6	28	3401 - 25D
AT153920	3J12	28	3401 - 27D
AT153939	3G18	24	3360 - 93
AT153941	3G18	26	3360 - 93
AT153943	3G18	30	3360 - 93
AT153949	3G20	6	3360 - 97
AT153951	3G14	17	3360 - 85
AT153951	3G16	17	3360 - 89
AT153951	3G20	15	3360 - 97
AT153957	3G20	27	3360 - 97
AT153960	3G20	32	3360 - 97
AT153963	3E10	61	3360 - 31
AT153963	3E14	61	3360 - 35
AT153977	3E4	8	3360 - 25
AT153977	3E10	8	3360 - 31
AT153977	3E18	8	3360 - 39
AT154006	3E10	14	3360 - 31
AT154006	3E14	14	3360 - 35
AT154007	3E10	15	3360 - 31
AT154007	3E14	15	3360 - 35
AT154017	3E14	10	3360 - 35
AT154019	3E14	9	3360 - 35
AT154025	3E12	43	3360 - 33
AT154025	3E16	43	3360 - 37
AT154026	3E12	44	3360 - 33
AT154026	3E16	44	3360 - 37
AT154044	3E2	84	3360 - 23
AT154044	3E6	84	3360 - 27
AT154049	1B8	11	0130 - 7
AT154055	3C8	4	3315 - 11
AT154056	3C8	5	3315 - 11
AT154059	1C5	31	0260 - 5
AT154067	1C7	19	0260 - 7
AT154069	1C5	24	0260 - 5
AT154089	1C5	16	0260 - 5
AT154090	1C7	27	0260 - 7
AT154091	1C7	33	0260 - 7
AT154097	1C7	42	0260 - 7
AT154116	3D4	0D	3344 - 3
AT154122	3C16	10	3315 - 19
AT154127	3C8	7	3315 - 11
AT154139	2B17	12	1674 - 13
AT154144	1C5	39	0260 - 5
AT154145	1C7	17	0260 - 7
AT154148	1C5	42	0260 - 5
AT154150	2D9	28	1810 - 7
AT154151	1C5	2	0260 - 5
AT154154	1C7	1	0260 - 7
AT154155	1C7	11	0260 - 7
AT154156	1C21	15	0260 - 21
AT154162	1C15	14	0260 - 15
AT154164	2H17	15	2160 - 11
AT154164	2H19	15	2160 - 13
AT154167	1C7	40	0260 - 7
AT154173	1C15	18	0260 - 15
AT154175	1C7	36	0260 - 7
AT154177	3J23	6	4360 - 3
AT154178	3J23	2	4360 - 3
AT154181	1C5	14	0260 - 5
AT154182	3J23	7	4360 - 3
AT154185	1B10	14	0130 - 9
AT154199	3D4	19	3344 - 3
AT154202	3D4	0C	3344 - 3
AT154204	1C5	19	0260 - 5
AT154207	3G22	12	3360 - 99
AT154213	2B23	6	1674 - 19
AT154214	2B19	4	1674 - 15
AT154223	1B10	15	0130 - 9
AT154223	1B12	15	0130 - 11
AT154223	1B14	11	0130 - 13
AT154225	3J23	47	4360 - 3
AT154226	3J23	46	4360 - 3
AT154229	2B17	10	1674 - 13
AT154230	1B8	5	0130 - 7
AT154233	2I4	18	2160 - 23
AT154239	1J22	12	0560 - 3
AT154243	1J10	5	0515 - 5
AT154243	1J22	18	0560 - 3
AT154243	2I4	29	2160 - 23

NUMERICAL INDEX - CONTINUED

PART NO.	GRID	KEY	PAGE
AT154248	3C24	5	3340 - 3
AT154248	3D2	5	3340 - 5
AT154248	3D2	6	3340 - 5
AT154249	3J23	16	4360 - 3
AT154259	1C5	25	0260 - 5
AT154262	3C16	16	3315 - 19
AT154268	1C21	28	0260 - 21
AT154272	1J22	16	0560 - 3
AT154278	2D9	20	1810 - 7
AT154283	2B19	15	1674 - 15
AT154285	3G4	7	3360 - 73
AT154285	3H16	45	3360 - 113
AT154292	1C7	15	0260 - 7
AT154293	3J23	44	4360 - 3
AT154296	2I4	9	2160 - 23
AT154298	3J23	18	4360 - 3
AT154301	3D6	8	3360 - 3
AT154307	3J23	29	4360 - 3
AT154313	1C7	43	0260 - 7
AT154319	1C13	1	0260 - 13
AT154321	1C15	8	0260 - 15
AT154323	2G15	6	1910 - 15
AT154331	3D6	1	3360 - 3
AT154340	3C24	22	3340 - 3
AT154340	3D2	22	3340 - 5
AT154344	3J20	35	3415 - 3
AT154349	2H13	53	2160 - 7
AT154349	2H15	53	2160 - 9
AT154352	2D9	16	1810 - 7
AT154354	1C9	23	0260 - 9
AT154378	3C24	45	3340 - 3
AT154378	3C24	46	3340 - 3
AT154378	3D2	45	3340 - 5
AT154378	3D2	46	3340 - 5
AT154383	2I4	18A	2160 - 23
AT154384	2I4	18B	2160 - 23
AT154411	3C4	5	3315 - 7
AT154412	3C4	8	3315 - 7
AT154413	2D9	24	1810 - 7
AT154498	3C24	7	3340 - 3
AT154499	3J23	36	4360 - 3
AT154528	1C15	0	0260 - 15
AT154538	3C4	11	3315 - 7
AT154540	3C4	12	3315 - 7
AT154545	2H13	57	2160 - 7
AT154545	2H15	57	2160 - 9
AT154547	3D12	0	3360 - 9
AT154896	2C17	8	1740 - 3
AT154899	2C17	7	1740 - 3
AT154901	1C3	0	0260 - 3
AT154911	2B21	19	1674 - 17
AT154913	2E12	5	1810 - 35
AT154915	2G5	3	1910 - 5
AT154916	2G5	4	1910 - 5
AT154922	2I4	28	2160 - 23
AT154924	2B15	1	1674 - 11
AT154924	2B15	2	1674 - 11
AT154924	2B15	3	1674 - 11
AT154924	2B15	4	1674 - 11
AT154924	2B15	5	1674 - 11
AT154924	2B15	6	1674 - 11
AT154924	2B15	7	1674 - 11
AT154924	2B15	8	1674 - 11
AT154924	2B15	9	1674 - 11
AT154924	2B15	10	1674 - 11
AT154924	2B15	11	1674 - 11
AT154924	2B15	12	1674 - 11
AT154929	2C17	2	1740 - 3
AT154929	2C23	0	1740 - 9
AT154930	2G7	1	1910 - 7
AT154936	2G3	5	1910 - 3
AT154937	2I4	26	2160 - 23
AT154944	3G24	37	3360 - 101
AT154947	3C12	7C	3315 - 15
AT154955	2B13	3	1674 - 9
AT154966	2B25	0	1674 - 21
AT154988	2G15	6A	1910 - 15
AT154992	2B11	1	1674 - 7
AT154994	3G4	6	3360 - 73
AT154994	3G6	6	3360 - 75
AT155004	2E10	1	1810 - 33
AT155189	2G21	26	1910 - 21
AT155250	2B13	28	1674 - 9
AT155253	2B13	30	1674 - 9
AT155270	3F12	5	3360 - 57
AT155270	3F12	7	3360 - 57
AT155273	2B17	9	1674 - 13
AT155616	2B9	27	1674 - 5
AT155616	2E4	3	1810 - 27
AT155617	2B17	35	1674 - 13
AT155617	2B21	22	1674 - 17
AT155624	3D12	19	3360 - 9
AT155638	2F16	4	1830 - 15
AT155692	3H22	26	3360 - 119
AT155701	3C4	16	3315 - 7
AT155729	1K7	22	1320 - 3
AT155730	1K7	5	1320 - 3
AT155733	1K7	2	1320 - 3
AT155738	2I8	11	2160 - 27
AT155739	2I8	10	2160 - 27
AT156974	2B13	11	1674 - 9
AT156993	2D17	7	1810 - 15
AT156993	2D19	62	1810 - 17
AT156994	2D17	9	1810 - 15
AT156994	2D19	63	1810 - 17
AT157057	2D11	46	1810 - 9
AT157068	2D13	17	1810 - 11
AT157068	2D17	16	1810 - 15
AT157648	3H18	46	3360 - 115
AT157667	2I10	1	2160 - 29
AT157668	2I10	18	2160 - 29
AT158506	3J23	8	4360 - 3
AT159500	1C9	24	0260 - 9
AT159553	3H2	14	3360 - 103
AT159804	2F14	20	1830 - 12
AT160161	3H22	5	3360 - 119
AT160177	3H22	2	3360 - 119
AT160348	3C18	4	3315 - 21
AT160348	3H6	1	3360 - 105
AT160350	3C18	0	3315 - 21
AT160350	3C20	0	3315 - 21B
AT160368	2C7	1	1674 - 28
AT160584	2H13	55	2160 - 7
AT160584	2H15	55	2160 - 9
AT160584	3F16	1	3360 - 61
AT160584	3F16	8	3360 - 61
AT160584	3F16	10	3360 - 61
AT160584	3G8	8	3360 - 77
AT160982	2B21	0A	1674 - 17
AT161039	2B13	23	1674 - 9
AT161183	3H10	3	3360 - 109
AT161192	2F14	25	1830 - 12
AT162242	3H2	18	3360 - 103
AT162242	3H4	18	3360 - 103B
AT163156	2B4	2	1672 - 2
AT163528	3B21	1A	3302 - 13
AT163532	3B21	1B	3302 - 13
AT163533	3B21	1F	3302 - 13
AT163534	3B21	1E	3302 - 13
AT163535	3B21	1D	3302 - 13
AT163536	3B21	1C	3302 - 13
AT163568	3B13	40	3302 - 5
AT163569	3B13	40	3302 - 5
AT163570	3B13	40	3302 - 5
AT163571	3B13	40	3302 - 5
AT163573	3B11	14	3302 - 3
AT163573	3B11	16	3302 - 3
AT163573	3B11	17	3302 - 3
AT163573	3B13	40	3302 - 5
AT163574	3B13	40	3302 - 5
AT163575	3B13	40	3302 - 5
AT163576	3B15	40	3302 - 7
AT163577	3B15	40	3302 - 7
AT163578	3B15	40	3302 - 7
AT163579	3B15	40	3302 - 7
AT164676	2B5	2	1674 - 1
AT164720	2C21	5	1740 - 7
AT164721	2C21	6	1740 - 7
AT164828	2G15	13	1910 - 15
AT164896	3H10	1	3360 - 109
AT164896	3H12	1	3360 - 109B
AT165110	2B19	1	1674 - 15
AT165353	1C5	3	0260 - 5
AT165704	1C7	21	0260 - 7
AT165707	3K8	19	4360 - 13
AT166994	2G5	0A	1910 - 5
AT166994	2G5	7A	1910 - 5
AT166994	2G15	46	1910 - 15
AT166994	2G17	4	1910 - 17
AT167080	2I4	11A	2160 - 23
AT167165	2B21	0	1674 - 17
AT167165	3E22	1	3360 - 43
AT167184	3B21	1G	3302 - 13
AT167185	3B21	1J	3302 - 13
AT167186	3B21	1H	3302 - 13
AT167187	3B21	1I	3302 - 13
AT167188	3B21	1K	3302 - 13
AT167189	3B21	1L	3302 - 13
AT167190	3B21	1N	3302 - 13
AT167191	3B21	1M	3302 - 13
AT167874	3B11	92	3302 - 3
AT167874	3B13	29	3302 - 5
AT167874	3B13	30	3302 - 5
AT167874	3B13	92	3302 - 5
AT167874	3B15	29	3302 - 7
AT167874	3B15	30	3302 - 7
AT167874	3B15	92	3302 - 7
AT168209	3H6	6	3360 - 105
AT170452	1C15	31	0260 - 15
AT170466	1C7	20	0260 - 7
AT170759	1I24	2	0505 - 5
AT171162	1I24	1	0505 - 5
AT171539	1I24	3	0505 - 5
AT171619	2F3	1	1821 - 8
AT171693	2I4	4A	2160 - 23
AT172336	3H14	2	3360 - 111
AT172341	3H14	4	3360 - 111
AT172342	3H14	5	3360 - 111
AT172343	3H14	55	3360 - 111
AT172344	3H14	56	3360 - 111
AT172345	3H16	11	3360 - 113

NUMERICAL INDEX - CONTINUED

PART NO.	GRID	KEY	PAGE
AT172346	3H16	16	3360 - 113
AT172348	3H16	18	3360 - 113
AT172351	3H18	24	3360 - 115
AT172352	3H18	29	3360 - 115
AT172353	3H18	30	3360 - 115
AT172354	3H18	36	3360 - 115
AT172358	3H20	7	3360 - 117
AT172359	3H20	8	3360 - 117
AT172360	3H20	16	3360 - 117
AT172361	3H20	17	3360 - 117
AT172362	3H20	18	3360 - 117
AT172363	3H20	19	3360 - 117
AT172366	3H20	29	3360 - 117
AT172367	3H20	36	3360 - 117
AT172368	3H20	37	3360 - 117
AT172369	3H20	38	3360 - 117
AT172370	3H20	39	3360 - 117
AT172578	2B21	40	1674 - 17
AT173610	1J2	5	0510 - 3
AT174338	2B17	2	1674 - 13
AT174467	3C6	0	3315 - 9
AT174468	3C6	2	3315 - 9
AT174469	3C6	4	3315 - 9
AT174888	2C21	2	1740 - 7
AT174989	1E11	16	0409 - 3
AT174989	1H7	16	0409A - 3
AT175195	2B4	1	1672 - 2
AT175344	1J16	0F	0520 - 3
AT175345	1J16	0E	0520 - 3
AT175357	1J16	0B	0520 - 3
AT175772	2F2	0	1821 - 7
AT175843	1J14	16	0515 - 9
AT175981	2H17	64	2160 - 11
AT175981	2H19	64	2160 - 13
AT175989	1J22	4	0560 - 3
AT176229	2D5	1	1810 - 3
AT176254	3G22	0	3360 - 99
AT176256	3G22	2	3360 - 99
AT176258	3G22	3	3360 - 99
AT176317	1C7	6	0260 - 7
AT176320	1C7	23	0260 - 7
AT176387	2I6	19	2160 - 25
AT176388	2I4	32	2160 - 23
AT176629	1C23	0	0260 - 23
AT176630	1C21	27	0260 - 21
AT176636	2G21	18	1910 - 21
AT176789	2D13	8	1810 - 11
AT177372	3B24	8	3315 - 3
AT177386	3B24	9	3315 - 3
AT177400	3C16	13	3315 - 19
AT177401	3C16	22	3315 - 19
AT177419	1J22	1	0560 - 3
AT177804	2E6	0	1810 - 29
AT177805	2E6	0A	1810 - 29
AT177806	2E6	0C	1810 - 29
AT178738	3B21	1A	3302 - 13
AT178739	3B21	1B	3302 - 13
AT178740	3B21	1F	3302 - 13
AT178741	3B21	1C	3302 - 13
AT178840	1K11	1	1369 - 5
AT178842	1K11	1	1369 - 5
AT178843	1K11	1	1369 - 5
AT178844	1K11	1	1369 - 5
AT178845	1I24	30	0505 - 5
AT178893	1I24	6	0505 - 5
AT179050	2B13	42	1674 - 9
AT179051	2B13	42	1674 - 9
AT179148	3H14	1	3360 - 111
AT179148	3H20	1	3360 - 117
AT179149	3H16	21	3360 - 113
AT179150	3H16	23	3360 - 113
AT179152	3H18	37	3360 - 115
AT179155	3H16	43	3360 - 113
AT179156	3H18	47	3360 - 115
AT179157	3H18	52	3360 - 115
AT179452	2B7	20	1674 - 3
AT179453	2B7	1	1674 - 3
AT179454	2B7	4	1674 - 3
AT179455	2B7	10	1674 - 3
AT179476	2B21	0C	1674 - 17
AT179815	2E22	5	1821 - 3
AT179816	2E22	6	1821 - 3
AT180333	1K11	1	1369 - 5
AT180334	1K11	1	1369 - 5
AT180335	1K11	1	1369 - 5
AT180344	1K13	1	1369 - 7
AT180375	1B18	0	0130 - 17
AT180376	1B18	5	0130 - 17
AT180377	1B18	6	0130 - 17
AT180378	1B18	7	0130 - 17
AT180379	1B18	8	0130 - 17
AT180380	1B16	1	0130 - 15
AT180381	1B16	5	0130 - 15
AT180383	1B16	9	0130 - 15
AT180384	1B12	0	0130 - 11
AT180385	1B12	1	0130 - 11
AT180385	1B12	3	0130 - 11
AT180385	1B12	4	0130 - 11
AT180385	1B14	1	0130 - 13
AT180387	1B12	2	0130 - 11
AT180387	1B14	2	0130 - 13
AT180388	1B12	1	0130 - 11
AT180388	1B12	3	0130 - 11
AT180388	1B12	4	0130 - 11
AT180388	1B14	3	0130 - 13
AT180389	1B12	5	0130 - 11
AT180389	1B14	5	0130 - 13
AT180391	1B12	1	0130 - 11
AT180391	1B12	3	0130 - 11
AT180391	1B12	4	0130 - 11
AT180392	1B12	13	0130 - 11
AT180392	1B14	9	0130 - 13
AT180393	1B12	14	0130 - 11
AT180393	1B14	10	0130 - 13
AT180394	1B12	8	0130 - 11
AT180395	1B12	9	0130 - 11
AT180396	1B12	6	0130 - 11
AT180397	1B12	11	0130 - 11
AT180397	1B14	8	0130 - 13
AT180421	1B8	0	0130 - 7
AT180421	1B8	4	0130 - 7
AT180422	1B8	4	0130 - 7
AT180423	1B8	4B	0130 - 7
AT180424	1B8	2	0130 - 7
AT180425	1B8	3	0130 - 7
AT180426	1B8	5	0130 - 7
AT180427	1B8	8	0130 - 7
AT180428	1B8	11	0130 - 7
AT180433	1B22	0	0130 - 21
AT180434	1B22	1	0130 - 21
AT180435	1B22	2	0130 - 21
AT180436	1B22	3	0130 - 21
AT180436	1B22	11	0130 - 21
AT180437	1B22	7	0130 - 21
AT180437	1B22	11	0130 - 21
AT180438	1B22	8	0130 - 21
AT180439	1B22	11	0130 - 21
AT180440	1B22	10	0130 - 21
AT180440	1B22	11	0130 - 21
AT180441	1B22	4	0130 - 21
AT180441	1B24	4	0130 - 23
AT180442	1B22	6	0130 - 21
AT180442	1B24	6	0130 - 23
AT180443	1B22	52	0130 - 21
AT180443	1B24	52	0130 - 23
AT180444	1B22	51	0130 - 21
AT180444	1B24	51	0130 - 23
AT180445	1B22	53	0130 - 21
AT180445	1B24	53	0130 - 23
AT180446	1B22	53	0130 - 21
AT180446	1B24	53	0130 - 23
AT180447	1B22	53	0130 - 21
AT180447	1B24	53	0130 - 23
AT180448	1B22	20	0130 - 21
AT180449	1B16	11	0130 - 15
AT180454	1B10	4	0130 - 9
AT180454	1B12	4	0130 - 11
AT180454	1B14	4	0130 - 13
AT180455	1B10	0B	0130 - 9
AT180455	1B12	1	0130 - 11
AT180456	1B10	3	0130 - 9
AT180456	1B12	3	0130 - 11
AT180461	1B8	1	0130 - 7
AT180462	1C5	5	0260 - 5
AT180463	1B22	11	0130 - 21
AT180467	3H6	1	3360 - 105
AT180585	3H6	7	3360 - 105
AT181058	2F16	3	1830 - 15
AT181072	2F16	6	1830 - 15
AT181073	2F16	14	1830 - 15
AT181074	2F16	23	1830 - 15
AT181075	2F16	24	1830 - 15
AT181125	2E12	10	1810 - 35
AT181980	3C12	10	3315 - 15
AT182233	3E24	3	3360 - 45
AT182278	1C15	0	0260 - 15
AT182498	2B9	1	1674 - 5
AT182612	2D19	70	1810 - 17
AT182613	2D19	71	1810 - 17
AT182614	2D19	72	1810 - 17
AT182616	2D19	73	1810 - 17
AT182625	2D9	12	1810 - 7
AT182626	2D9	22	1810 - 7
AT183004	3H22	1	3360 - 119
AT183016	1K12	1	1369 - 6
AT183082	2D15	61	1810 - 13
AT183083	2D15	62	1810 - 13
AT183084	2D15	63	1810 - 13
AT183085	2D15	67	1810 - 13
AT183086	2D15	68	1810 - 13
AT183093	2H15	28	2160 - 9
AT183093	2I2	0	2160 - 21
AT183222	1I24	7A	0505 - 5
AT183222	1I24	8A	0505 - 5
AT183222	1I24	8B	0505 - 5
AT183331	2D9	3A	1810 - 7
AT183635	3G10	18	3360 - 79
AT183674	3D22	0	3360 - 19
AT183674	3D24	0	3360 - 21
AT183674	3E2	0	3360 - 23
AT183674	3E4	0	3360 - 25

NUMERICAL INDEX - CONTINUED

PART NO.	GRID	KEY	PAGE
AT183674	3E6	0	3360 - 27
AT183674	3E8	0	3360 - 29
AT183674	3E10	0	3360 - 31
AT183674	3E12	0	3360 - 33
AT183674	3E14	0	3360 - 35
AT183674	3E16	0	3360 - 37
AT183674	3E18	0	3360 - 39
AT183675	2H9	1	2160 - 3
AT183675	2H13	0	2160 - 7
AT183675	2H17	1	2160 - 11
AT183675	2H19	1	2160 - 13
AT183676	1C5	0	0260 - 5
AT183676	1C7	0	0260 - 7
AT183677	3J23	40	4360 - 3
AT183677	3J25	0	4360 - 5
AT183915	2H19	69	2160 - 13
AT183915	2H23	0	2160 - 17
AT183916	2H23	4	2160 - 17
AT183917	2H23	6	2160 - 17
AT183918	2H23	10	2160 - 17
AT183919	2H23	18	2160 - 17
AT183920	2H23	33	2160 - 17
AT183921	2I2	35	2160 - 21
AT183922	2I2	3	2160 - 21
AT183923	2I2	27	2160 - 21
AT183924	2I2	30	2160 - 21
AT183925	2I2	31	2160 - 21
AT184144	3H14	60	3360 - 111
AT184144	3H16	60	3360 - 113
AT184144	3H18	60	3360 - 115
AT184147	3H18	35	3360 - 115
AT184567	1C7	15	0260 - 7
AT185207	2H3	0	2002 - 3
AT185207	2H5	3	2002 - 5
AT185482	3C20	0	3315 - 21B
AT185696	2B4	1	1672 - 2
AT185756	2B9	2B	1674 - 5
AT185782	1B22	20	0130 - 21
AT185782	1B24	20	0130 - 23
AT185783	1B24	0	0130 - 23
AT185784	1B22	1	0130 - 21
AT185784	1B22	2	0130 - 21
AT185784	1B22	7	0130 - 21
AT185784	1B22	8	0130 - 21
AT185784	1B24	1	0130 - 23
AT185785	1B22	1	0130 - 21
AT185785	1B22	2	0130 - 21
AT185785	1B22	7	0130 - 21
AT185785	1B22	8	0130 - 21
AT185785	1B24	2	0130 - 23
AT185786	1B24	3	0130 - 23
AT185786	1B24	11	0130 - 23
AT185787	1B24	10	0130 - 23
AT185787	1B24	11	0130 - 23
AT185788	1B22	1	0130 - 21
AT185788	1B22	2	0130 - 21
AT185788	1B22	7	0130 - 21
AT185788	1B22	8	0130 - 21
AT185788	1B24	7	0130 - 23
AT185788	1B24	11	0130 - 23
AT185789	1B22	1	0130 - 21
AT185789	1B22	2	0130 - 21
AT185789	1B22	7	0130 - 21
AT185789	1B22	8	0130 - 21
AT185789	1B24	8	0130 - 23
AT185789	1B24	11	0130 - 23
AT185795	1B24	11	0130 - 23
AT186554	3F10	0A	3360 - 55
AT186622	3H8	24	3360 - 107
AT186623	3H8	1	3360 - 107
AT186635	1B12	6	0130 - 11
AT186635	1B12	8	0130 - 11
AT186635	1B14	6	0130 - 13
AT186636	1B12	0	0130 - 11
AT186636	1B12	9	0130 - 11
AT186636	1B14	7	0130 - 13
AT186637	1B12	0	0130 - 11
AT186637	1B14	0	0130 - 13
AT187562	2E6	0B	1810 - 29
AT188966	2C8	1	1674 - 29
AT189638	2I10	23	2160 - 29
AT189844	3C2	1	3315 - 5
AT189844	3C4	0	3315 - 7
AT190190	2E2	16	1810 - 25
AT190535	2C14	1	1674 - 35
AT190535	3H24	4	3360 - 121
AT190563	1C7	28	0260 - 7
AT190563	1C7	29	0260 - 7
AT190563	1C7	31	0260 - 7
AT190564	1C7	28	0260 - 7
AT190564	1C7	29	0260 - 7
AT190565	1C7	28	0260 - 7
AT190565	1C7	31	0260 - 7
AT190774	2C21	10	1740 - 7
AT190808	1C9	12	0260 - 9
AT190808	1C9	19A	0260 - 9
AT190808	1C9	19B	0260 - 9
AT191297	3H8	20	3360 - 107
AT191397	3H24	14	3360 - 121
AT191447	2E22	7	1821 - 3
AT192245	3E22	1	3360 - 43
AT192410	1J10	0	0515 - 5
AT192822	2H15	63	2160 - 9
AT192824	2H15	65	2160 - 9
AT192825	2H15	64	2160 - 9
AT193486	3J20	11	3415 - 3
AT193984	3J20	1	3415 - 3
AT193985	3J20	6	3415 - 3
AT193987	3J20	16	3415 - 3
AT193988	3J20	30	3415 - 3
AT193989	3J20	31	3415 - 3
AT193990	3J20	36	3415 - 3
AT193991	3J20	38	3415 - 3
AT193992	3I25	1	3401 - 23
AT193993	3I25	6	3401 - 23
AT193993	3I25	7	3401 - 23
AT193995	3I25	10	3401 - 23
AT194547	2I4	4	2160 - 23
AT194547	2I4	36	2160 - 23
AT194969	1J22	4	0560 - 3
AT194969	2B11	1A	1674 - 7
AT194969	2D13	8	1810 - 11
AT194969	2G11	61	1910 - 11
AT194969	2G17	2	1910 - 17
AT194969	2G21	18	1910 - 21
AT195684	3C18	0	3315 - 21
AT195684	3C20	0	3315 - 21B
AT195784	3H2	18	3360 - 103
AT195784	3H4	18	3360 - 103B
AT195786	3H2	12	3360 - 103
AT195786	3H4	12	3360 - 103B
AT195787	3H2	9	3360 - 103
AT195787	3H4	9	3360 - 103B
AT195788	3H2	14	3360 - 103
AT195788	3H4	14	3360 - 103B
AT196334	2I10	18	2160 - 29
AT196587	3H10	1	3360 - 109
AT196587	3H12	1	3360 - 109B
AT196588	3H12	3	3360 - 109B
AT200011	1C23	4	0260 - 23
AT200011	3E20	14	3360 - 41
AT200012	2B13	14	1674 - 9
AT200012	3G4	32	3360 - 73
AT200012	3G6	24	3360 - 75
AT200408	3I7	7	3401 - 5
AT200425	2B17	1	1674 - 13
AT200446	1C9	11A	0260 - 9
AT200447	1C9	12	0260 - 9
AT200448	1C11	13	0260 - 11
AT200499	2B21	0B	1674 - 17
AT200524	1C9	10	0260 - 9
AT200584	2D11	59	1810 - 9
AT200990	2H13	36	2160 - 7
AT200990	2H15	36	2160 - 9
AT200991	3H16	41	3360 - 113
AT200991	3I13	6	3401 - 11
AT200991	3I17	25	3401 - 15
AT200991	3I25	4	3401 - 23
AT201005	2H21	29	2160 - 15
AT201005	2H23	29	2160 - 17
AT201251	3G4	21	3360 - 73
AT201961	3J23	23	4360 - 3
AT201972	3J18	2	3401 - 33
AT202006	3J14	6	3401 - 29
AT202122	2H13	28	2160 - 7
AT202122	2H25	0	2160 - 19
AT202291	3C8	1	3315 - 11
AT202292	3C8	0	3315 - 11
AT202412	2H13	4	2160 - 7
AT202412	2H15	4	2160 - 9
AT202462	2D5	2	1810 - 3
AT203646	1C15	23	0260 - 15
AT203648	2H13	43	2160 - 7
AT203648	2H15	43	2160 - 9
AT203648	2H17	80	2160 - 11
AT203648	2H19	80	2160 - 13
AT203649	1C9	17	0260 - 9
AT203649	2H13	54	2160 - 7
AT203649	2H15	54	2160 - 9
AT203649	2H17	67	2160 - 11
AT203649	2H19	67	2160 - 13
AT203651	2H13	63B	2160 - 7
AT203651	2H15	69B	2160 - 9
AT203653	2H25	2	2160 - 19
AT203653	2I2	1	2160 - 21
AT203655	1C9	28	0260 - 9
AT203656	1C9	32	0260 - 9
AT203657	1C9	30	0260 - 9
AT203659	1C11	7	0260 - 11
AT203660	1C11	9	0260 - 11
AT203700	3J14	12	3401 - 29
AT203704	3J14	14	3401 - 29
AT203980	2C17	24	1740 - 3
AT204788	3F4	8	3360 - 49
AT204789	3F4	17	3360 - 49
AT204853	2I8	12	2160 - 27
AT204861	3F4	7	3360 - 49
AT204940	3F22	1	3360 - 67
AT205712	2B9	0	1674 - 5
AT205712	2B9	31	1674 - 5
AT206055	1C17	5	0260 - 17

NUMERICAL INDEX - CONTINUED

PART NO.	GRID	KEY	PAGE
AT206094	1K2	5	0560 - 7
AT206888	1J16	0H	0520 - 3
AT209926	1J16	0C	0520 - 3
AT213602	3I9	10	3401 - 7
AT213603	2F5	2	1830 - 3
AT213606	2D15	34M	1810 - 13
AT213607	2B13	24	1674 - 9
AT213608	2D15	55	1810 - 13
AT213609	2D13	33	1810 - 11
AT213610	2D17	20	1810 - 15
AT213611	2D11	86	1810 - 9
AT213612	3C16	27	3315 - 19
AT213613	3F6	1	3360 - 51
AT213613	3F10	17	3360 - 55
AT213614	3C12	8	3315 - 15
AT213614	3D8	5	3360 - 5
AT213614	3D14	7	3360 - 11
AT213614	3F10	25	3360 - 55
AT213614	3J20	9	3415 - 3
AT213615	3D6	5	3360 - 3
AT213616	3F24	9	3360 - 69
AT213620	3K12	0	4360 - 17
AT213622	2C19	1	1740 - 5
AT213624	2D13	14	1810 - 11
AT213625	2E8	39	1810 - 31
AT213628	3F8	2	3360 - 53
AT213705	3G2	2	3360 - 71
AT213706	3G2	5	3360 - 71
AT213707	3G2	9	3360 - 71
AT213708	3F4	10	3360 - 49
AT213709	3F8	4	3360 - 53
AT213710	3F8	5	3360 - 53
AT213722	2E16	3	1810 - 39
AT213723	2E16	4	1810 - 39
AT213724	2E16	17	1810 - 39
AT213725	2E16	16	1810 - 39
AT213726	2E16	0	1810 - 39
AT213737	3C16	24	3315 - 19
AT213738	2B13	41	1674 - 9
AT213739	2E16	24	1810 - 39
AT213743	3B24	2	3315 - 3
AT213745	3B24	5	3315 - 3
AT213746	3C6	14	3315 - 9
AT213747	3C6	12	3315 - 9
AT213778	2E16	21	1810 - 39
AT213779	2E16	8	1810 - 39
AT213780	3G4	25	3360 - 73
AT213780	3G6	20	3360 - 75
AT213782	2E18	1	1810 - 41
AT213783	2E16	12	1810 - 39
AT213784	3G4	26	3360 - 73
AT213784	3G6	21	3360 - 75
AT213790	3J23	51	4360 - 3
AT213791	2E2	19	1810 - 25
AT213792	2B13	12	1674 - 9
AT213799	2D15	59	1810 - 13
AT213809	3F20	26	3360 - 65
AT213817	2B9	23	1674 - 5
AT213826	2B9	4	1674 - 5
AT213829	1B8	8	0130 - 7
AT213831	3H16	21	3360 - 113
AT213831	3H16	23	3360 - 113
AT213834	3F10	0	3360 - 55
AT213840	3F2	3	3360 - 47
AT213840	3F20	17	3360 - 65
AT213846	2B7	5	1674 - 3
AT213846	3F2	4	3360 - 47
AT213849	3G4	1	3360 - 73
AT213850	3G6	1	3360 - 75
AT213851	3G4	5	3360 - 73
AT213852	3G6	5	3360 - 75
AT213862	3F24	8	3360 - 69
AT213862	3G2	0	3360 - 71
AT213883	2E12	2	1810 - 35
AT213884	2C17	22	1740 - 3
AT213887	3G4	14	3360 - 73
AT213888	3F22	7	3360 - 67
AT213891	2H21	15	2160 - 15
AT213891	2H23	15	2160 - 17
AT213892	2H21	14	2160 - 15
AT213892	2H23	14	2160 - 17
AT213893	2H21	41	2160 - 15
AT213893	2H23	41	2160 - 17
AT213894	2H17	73	2160 - 11
AT213894	2H19	73	2160 - 13
AT213895	2E6	5	1810 - 29
AT213906	3G4	20	3360 - 73
AT213906	3G4	22	3360 - 73
AT213911	3G10	10	3360 - 79
AT213912	2H21	28	2160 - 15
AT213912	2H23	28	2160 - 17
AT213917	2H21	24	2160 - 15
AT213917	2H23	24	2160 - 17
AT213922	2H17	74	2160 - 11
AT213922	2H19	74	2160 - 13
AT213923	2F11	2	1830 - 9
AT213924	2F9	0	1830 - 7
AT213934	2E4	1D	1810 - 27
AT213935	2F11	0	1830 - 9
AT213936	2F13	4	1830 - 11
AT213937	2F13	6	1830 - 11
AT213938	2F13	8	1830 - 11
AT213939	2F11	8	1830 - 9
AT213941	2E2	2	1810 - 25
AT213942	2E2	4	1810 - 25
AT213943	2F11	10	1830 - 9
AT213944	2F13	10	1830 - 11
AT213945	2E2	13	1810 - 25
AT213949	2E2	10	1810 - 25
AT213950	2E2	11	1810 - 25
AT213950	2E4	11	1810 - 27
AT213951	2H21	49	2160 - 15
AT213951	2H23	49	2160 - 17
AT213954	2E10	2	1810 - 33
AT213955	3F6	3	3360 - 51
AT213955	3F8	0	3360 - 53
AT213955	3F10	5	3360 - 55
AT213957	3G4	23	3360 - 73
AT213957	3G6	18	3360 - 75
AT213958	2E14	3	1810 - 37
AT213960	2E16	27	1810 - 39
AT213962	3G4	24	3360 - 73
AT213962	3G6	19	3360 - 75
AT213970	1J22	20	0560 - 3
AT213971	3F18	36	3360 - 63
AT213979	2F16	0	1830 - 15
AT213984	2B13	8	1674 - 9
AT214007	2D9	17	1810 - 7
AT214011	2E18	3	1810 - 41
AT214012	2E16	7	1810 - 39
AT214012	2E16	20	1810 - 39
AT214017	2D9	18	1810 - 7
AT214020	3F14	3	3360 - 59
AT214022	2B13	13	1674 - 9
AT214030	3D4	20	3344 - 3
AT214033	3F24	1	3360 - 69
AT214033	3G6	7	3360 - 75
AT214036	2B13	21	1674 - 9
AT214041	2D9	10	1810 - 7
AT214042	2D9	8	1810 - 7
AT214043	2D9	9	1810 - 7
AT214045	2H23	13	2160 - 17
AT214054	2D9	2	1810 - 7
AT214055	2D9	3	1810 - 7
AT214056	2D9	4	1810 - 7
AT214057	2D9	5	1810 - 7
AT214058	2D9	27	1810 - 7
AT214060	2D9	20	1810 - 7
AT214061	2D9	21	1810 - 7
AT214062	2D9	22	1810 - 7
AT214063	2D9	23	1810 - 7
AT214064	2D11	94	1810 - 9
AT214065	2D11	93	1810 - 9
AT214066	2D23	21	1810 - 21
AT214067	2D11	19	1810 - 9
AT214069	2D11	47	1810 - 9
AT214070	2D11	97	1810 - 9
AT214071	2D11	8	1810 - 9
AT214072	2D17	26	1810 - 15
AT214073	2D17	22	1810 - 15
AT214074	2D19	42	1810 - 17
AT214075	2D11	14	1810 - 9
AT214076	2D11	17	1810 - 9
AT214077	2D11	77	1810 - 9
AT214078	2D11	45	1810 - 9
AT214079	2D11	51	1810 - 9
AT214080	2D11	12	1810 - 9
AT214081	2D11	26	1810 - 9
AT214082	2D11	3	1810 - 9
AT214083	2D11	56	1810 - 9
AT214084	2D11	25	1810 - 9
AT214085	2D19	33	1810 - 17
AT214086	2D19	34	1810 - 17
AT214087	2D19	35	1810 - 17
AT214088	2D19	32	1810 - 17
AT214089	2D19	40	1810 - 17
AT214090	2D17	29	1810 - 15
AT214091	2D17	30	1810 - 15
AT214092	2D17	27	1810 - 15
AT214093	2D19	41	1810 - 17
AT214094	2D19	39	1810 - 17
AT214095	2D11	22	1810 - 9
AT214096	2D17	25	1810 - 15
AT214097	2D19	51	1810 - 17
AT214098	2D19	52	1810 - 17
AT214099	2D19	60	1810 - 17
AT214100	2D19	53	1810 - 17
AT214101	2D19	55	1810 - 17
AT214102	2D17	1	1810 - 15
AT214103	2D17	5	1810 - 15
AT214104	2D17	6	1810 - 15
AT214105	2D17	19	1810 - 15
AT214106	2D17	4	1810 - 15
AT214107	2D17	3	1810 - 15
AT214108	2D17	2	1810 - 15
AT214109	2D17	13	1810 - 15
AT214110	2D17	12	1810 - 15
AT214111	2D17	10	1810 - 15
AT214112	2D17	11	1810 - 15
AT214113	2D17	23	1810 - 15
AT214114	2D17	24	1810 - 15

NUMERICAL INDEX - CONTINUED

PART NO.	GRID	KEY	PAGE
AT214115	2D23	1	1810 - 21
AT214116	2D23	4	1810 - 21
AT214117	2D11	95	1810 - 9
AT214117	2D23	8	1810 - 21
AT214118	2D23	2	1810 - 21
AT214119	2D23	5	1810 - 21
AT214122	2D23	90	1810 - 21
AT214123	2D23	75	1810 - 21
AT214124	2D25	1	1810 - 23
AT214125	2D25	5	1810 - 23
AT214126	2D25	13	1810 - 23
AT214127	2D11	31	1810 - 9
AT214128	2D11	54	1810 - 9
AT214129	2D11	71	1810 - 9
AT214131	2D13	12	1810 - 11
AT214132	2D13	24	1810 - 11
AT214133	2D13	7	1810 - 11
AT214134	2D15	34	1810 - 13
AT214135	2D15	34A	1810 - 13
AT214136	2D15	34B	1810 - 13
AT214137	2D15	34C	1810 - 13
AT214138	2D15	34D	1810 - 13
AT214139	2D15	34E	1810 - 13
AT214140	2D15	34K	1810 - 13
AT214141	2D15	34L	1810 - 13
AT214142	2D13	13	1810 - 11
AT214143	2D13	10	1810 - 11
AT214144	2D13	32	1810 - 11
AT214145	2D13	2	1810 - 11
AT214146	2D13	20	1810 - 11
AT214147	2D13	22	1810 - 11
AT214148	2D13	18	1810 - 11
AT214149	2D15	51	1810 - 13
AT214150	2D15	53	1810 - 13
AT214151	2D15	52	1810 - 13
AT214152	2D15	54	1810 - 13
AT214153	2D15	58	1810 - 13
AT214154	2D15	57	1810 - 13
AT214155	2D15	40	1810 - 13
AT214157	2D15	42	1810 - 13
AT214158	2D11	15	1810 - 9
AT214158	2D15	43	1810 - 13
AT214159	2D15	44	1810 - 13
AT214160	2D13	16	1810 - 11
AT214161	2D13	23	1810 - 11
AT214162	2D15	41	1810 - 13
AT214163	2D21	7	1810 - 19
AT214164	2D21	18	1810 - 19
AT214165	2D21	28	1810 - 19
AT214166	2D21	29	1810 - 19
AT214167	2D21	8	1810 - 19
AT214168	2D21	16	1810 - 19
AT214169	2D21	33	1810 - 19
AT214170	2D21	49	1810 - 19
AT214171	2D21	92	1810 - 19
AT214172	2D19	58	1810 - 17
AT214172	2D21	65	1810 - 19
AT214173	2D11	55	1810 - 9
AT214176	2B9	1	1674 - 5
AT214177	2B9	3	1674 - 5
AT214178	2B9	5	1674 - 5
AT214179	2B9	6	1674 - 5
AT214180	2B9	7	1674 - 5
AT214181	2B9	8	1674 - 5
AT214182	2B9	9	1674 - 5
AT214183	2B9	10	1674 - 5
AT214184	2B9	11	1674 - 5
AT214185	2B9	12	1674 - 5
AT214186	2B9	13	1674 - 5
AT214187	2B9	14	1674 - 5
AT214188	2B9	15	1674 - 5
AT214188	2B9	16A	1674 - 5
AT214189	2B9	16	1674 - 5
AT214190	1J12	6	0515 - 7
AT214191	2B9	17	1674 - 5
AT214192	2B9	18	1674 - 5
AT214193	2B9	19	1674 - 5
AT214194	2B9	20	1674 - 5
AT214195	2B9	21	1674 - 5
AT214196	2B9	22	1674 - 5
AT214197	1J12	5	0515 - 7
AT214198	1J12	4	0515 - 7
AT214199	1J12	3	0515 - 7
AT214200	1J12	2	0515 - 7
AT214201	2B9	24	1674 - 5
AT214202	2B9	28	1674 - 5
AT214203	2B9	29	1674 - 5
AT214213	2F16	21	1830 - 15
AT214217	2F16	5	1830 - 15
AT214245	2F16	22	1830 - 15
AT214256	2F16	25	1830 - 15
AT214257	1J12	1	0515 - 7
AT214258	2E4	1	1810 - 27
AT214259	2E4	1A	1810 - 27
AT214260	2E4	1B	1810 - 27
AT214261	2E4	2	1810 - 27
AT214262	2E4	2A	1810 - 27
AT214263	3F10	0A	3360 - 55
AT214273	2F11	6B	1830 - 9
AT214274	2F11	6C	1830 - 9
AT214275	2F11	6A	1830 - 9
AT214277	2D9	29	1810 - 7
AT214286	2D11	53	1810 - 9
AT214287	2D11	62	1810 - 9
AT214287	2D19	44	1810 - 17
AT214288	2D11	91	1810 - 9
AT214289	2D11	11	1810 - 9
AT214289	2D13	31	1810 - 11
AT214290	2D13	9	1810 - 11
AT214291	2D13	11	1810 - 11
AT214292	2D15	56	1810 - 13
AT214293	2D25	2	1810 - 23
AT214294	2D25	3	1810 - 23
AT214296	2D25	6	1810 - 23
AT214297	2D17	28	1810 - 15
AT214298	2D19	36	1810 - 17
AT214299	2D21	61	1810 - 19
AT214300	2D19	56	1810 - 17
AT214300	2D21	74	1810 - 19
AT214301	2D17	17	1810 - 15
AT214302	2D15	34F	1810 - 13
AT214303	2D15	34G	1810 - 13
AT214304	2D9	7	1810 - 7
AT214305	2D11	60	1810 - 9
AT214306	2D23	63	1810 - 21
AT214307	2D19	37	1810 - 17
AT214308	2D11	68	1810 - 9
AT214308	2D19	38	1810 - 17
AT214308	2D23	88	1810 - 21
AT214308	2D25	14	1810 - 23
AT214309	2D21	69	1810 - 19
AT214310	2D19	45	1810 - 17
AT214311	2D13	21	1810 - 11
AT214311	2D17	18	1810 - 15
AT214312	2D17	21	1810 - 15
AT214313	2D13	19	1810 - 11
AT214314	2D13	15	1810 - 11
AT214315	2D19	57	1810 - 17
AT214316	2D9	11	1810 - 7
AT214324	2E16	11	1810 - 39
AT214326	2E14	0	1810 - 37
AT214327	2E14	2	1810 - 37
AT214342	3C4	10	3315 - 7
AT214358	3C16	11	3315 - 19
AT214361	3C16	9	3315 - 19
AT214362	2B15	14	1674 - 11
AT214362	2B15	16	1674 - 11
AT214363	2H5	4	2002 - 5
AT214372	2B15	14	1674 - 11
AT214372	2B15	16	1674 - 11
AT214373	2E2	18	1810 - 25
AT214396	3C2	1	3315 - 5
AT214396	3C4	0	3315 - 7
AT214401	2H13	40	2160 - 7
AT214401	2H15	40	2160 - 9
AT214405	3G4	15	3360 - 73
AT214408	2B13	20	1674 - 9
AT214412	2I6	1	2160 - 25
AT214430	2E12	0	1810 - 35
AT215082	2F5	8	1830 - 3
AT215083	2B15	17	1674 - 11
AT215096	1J8	10	0515 - 3
AT215102	1D8	23	0400 - 3
AT215102	1D10	23	0400 - 5
AT215109	3F18	16	3360 - 63
AT215112	2F5	4	1830 - 3
AT215115	2F5	9	1830 - 3
AT215118	2I4	12	2160 - 23
AT215119	2F5	12	1830 - 3
AT215122	2F5	10	1830 - 3
AT215124	2D11	9	1810 - 9
AT215475	2B13	0	1674 - 9
AT215479	2E12	6	1810 - 35
AT215483	2E24	9	1821 - 5
AT215502	2B13	38	1674 - 9
AT215503	2B13	22	1674 - 9
AT215518	2E24	3	1821 - 5
AT215524	3G6	14	3360 - 75
AT215524	3G6	16	3360 - 75
AT215525	3G6	17	3360 - 75
AT215527	2G15	30	1910 - 15
AT215533	2E12	1	1810 - 35
AT215537	2F2	4	1821 - 7
AT215554	2B9	0	1674 - 5
AT215555	2E24	5	1821 - 5
AT215558	3C4	4	3315 - 7
AT215559	2B13	29	1674 - 9
AT215561	2F2	8	1821 - 7
AT215563	2F2	3	1821 - 7
AT215564	2F2	5	1821 - 7
AT215565	2F2	6	1821 - 7
AT215566	2E24	0E	1821 - 5
AT215568	2D15	35	1810 - 13
AT215569	2D11	6	1810 - 9
AT215570	2D7	1	1810 - 5
AT215570	2D9	0	1810 - 7
AT215570	2D11	0	1810 - 9
AT215570	2D13	0	1810 - 11
AT215570	2D15	0	1810 - 13
AT215570	2D17	0	1810 - 15
AT215570	2D19	0	1810 - 17

NUMERICAL INDEX - CONTINUED

PART NO.	GRID	KEY	PAGE
AT215570	2D21	0	1810 - 19
AT215570	2D23	0	1810 - 21
AT215570	2D25	0	1810 - 23
AT215572	2F2	0	1821 - 7
AT215574	2D13	1	1810 - 11
AT215657	1C7	29	0260 - 7
AT215658	2H13	21	2160 - 7
AT215658	2H15	21	2160 - 9
AT215661	3E24	49	3360 - 45
AT215661	3E24	50	3360 - 45
AT215662	3E16	60	3360 - 37
AT215663	3K6	15	4360 - 11
AT215704	3J25	6	4360 - 5
AT215705	3J25	16	4360 - 5
AT215706	3J25	17	4360 - 5
AT215707	3J25	18	4360 - 5
AT215709	3K2	1	4360 - 7
AT215710	3K2	2	4360 - 7
AT215711	3K2	3	4360 - 7
AT215712	3K2	4	4360 - 7
AT215713	3K2	5	4360 - 7
AT215714	3K2	7	4360 - 7
AT215715	3K4	1	4360 - 9
AT215716	3K4	2	4360 - 9
AT215717	3K6	4	4360 - 11
AT215718	3K6	6	4360 - 11
AT215719	3K6	8	4360 - 11
AT215720	3K6	18	4360 - 11
AT215722	3K8	4	4360 - 13
AT215723	3K8	5	4360 - 13
AT215724	3K8	6	4360 - 13
AT215725	3K8	7	4360 - 13
AT215726	3K8	8	4360 - 13
AT215727	3K8	9	4360 - 13
AT215728	3K8	15	4360 - 13
AT215729	3K8	18	4360 - 13
AT215730	3K10	4	4360 - 15
AT215731	3K10	5	4360 - 15
AT215732	3K10	6	4360 - 15
AT215733	3K10	7	4360 - 15
AT215734	3K10	8	4360 - 15
AT215735	3K10	12	4360 - 15
AT215736	3D24	7	3360 - 21
AT215736	3E4	7	3360 - 25
AT215736	3E18	7	3360 - 39
AT215738	3D24	15	3360 - 21
AT215738	3E2	16	3360 - 23
AT215738	3E4	15	3360 - 25
AT215738	3E6	15	3360 - 27
AT215739	3D24	17	3360 - 21
AT215739	3E4	17	3360 - 25
AT215739	3E8	17	3360 - 29
AT215740	3D24	19	3360 - 21
AT215740	3E4	19	3360 - 25
AT215741	3D24	21	3360 - 21
AT215741	3E6	21	3360 - 27
AT215742	3D24	90A	3360 - 21
AT215742	3E4	90A	3360 - 25
AT215743	3D24	90B	3360 - 21
AT215743	3E4	90B	3360 - 25
AT215744	3D24	90C	3360 - 21
AT215744	3E4	90C	3360 - 25
AT215745	3D24	90D	3360 - 21
AT215745	3E4	90D	3360 - 25
AT215746	3D24	90E	3360 - 21
AT215746	3E4	90E	3360 - 25
AT215747	3D24	90G	3360 - 21
AT215747	3E4	90G	3360 - 25
AT215749	3E2	41	3360 - 23
AT215751	3E2	41B	3360 - 23
AT215752	3E2	41C	3360 - 23
AT215753	3E2	41D	3360 - 23
AT215754	3E2	46	3360 - 23
AT215754	3E6	46	3360 - 27
AT215755	3E2	47	3360 - 23
AT215756	3E2	48	3360 - 23
AT215756	3E6	48	3360 - 27
AT215757	3E2	50	3360 - 23
AT215757	3E6	50	3360 - 27
AT215758	3E2	54	3360 - 23
AT215758	3E6	54	3360 - 27
AT215759	3E2	55	3360 - 23
AT215759	3E6	55	3360 - 27
AT215760	3E2	56	3360 - 23
AT215761	3E2	57	3360 - 23
AT215763	3E2	58	3360 - 23
AT215763	3E6	57	3360 - 27
AT215764	3E2	59	3360 - 23
AT215764	3E6	59	3360 - 27
AT215765	3E2	60	3360 - 23
AT215766	3E2	61	3360 - 23
AT215766	3E6	61	3360 - 27
AT215767	3E2	62	3360 - 23
AT215768	3E2	65	3360 - 23
AT215769	3E2	66	3360 - 23
AT215770	3E2	75	3360 - 23
AT215771	3E2	83	3360 - 23
AT215771	3E6	83	3360 - 27
AT215772	3E2	88	3360 - 23
AT215772	3E6	88	3360 - 27
AT215773	3E2	89	3360 - 23
AT215773	3E6	89	3360 - 27
AT215774	3E4	77	3360 - 25
AT215775	3E6	49	3360 - 27
AT215776	3E6	53	3360 - 27
AT215777	3E6	69	3360 - 27
AT215777	3E6	85	3360 - 27
AT215778	3E6	77	3360 - 27
AT215779	3E6	79	3360 - 27
AT215780	3E6	86	3360 - 27
AT215781	3E8	26	3360 - 29
AT215781	3E16	26	3360 - 37
AT215782	3E8	28	3360 - 29
AT215782	3E16	28	3360 - 37
AT215783	3E8	31	3360 - 29
AT215784	3E8	58	3360 - 29
AT215785	3E8	59	3360 - 29
AT215786	3E8	62	3360 - 29
AT215787	3E10	16	3360 - 31
AT215788	3E10	17	3360 - 31
AT215788	3E14	17	3360 - 35
AT215789	3E10	18	3360 - 31
AT215789	3E14	18	3360 - 35
AT215790	3E10	19	3360 - 31
AT215790	3E14	19	3360 - 35
AT215791	3E10	20	3360 - 31
AT215791	3E14	20	3360 - 35
AT215792	3E10	57	3360 - 31
AT215793	3E10	65	3360 - 31
AT215794	3E10	67	3360 - 31
AT215795	3E10	68	3360 - 31
AT215796	3E12	41	3360 - 33
AT215796	3E16	41	3360 - 37
AT215798	3E12	45B	3360 - 33
AT215798	3E16	75B	3360 - 37
AT215799	3E12	45E	3360 - 33
AT215799	3E16	75E	3360 - 37
AT215800	3E12	45F	3360 - 33
AT215800	3E16	75F	3360 - 37
AT215801	3E12	45G	3360 - 33
AT215801	3E16	75G	3360 - 37
AT215802	3E12	45H	3360 - 33
AT215802	3E16	75H	3360 - 37
AT215803	3E12	45L	3360 - 33
AT215804	3E14	22	3360 - 35
AT215805	3E14	56	3360 - 35
AT215806	3E14	69	3360 - 35
AT215808	3E14	69D	3360 - 35
AT215809	3E14	7	3360 - 35
AT215810	3E14	8	3360 - 35
AT215811	3E14	13	3360 - 35
AT215812	3E16	32	3360 - 37
AT215813	3E16	16	3360 - 37
AT215814	3E16	17	3360 - 37
AT215815	3E16	18	3360 - 37
AT215816	3E16	19	3360 - 37
AT215817	3E16	21	3360 - 37
AT215818	3E16	42	3360 - 37
AT215819	3E16	46	3360 - 37
AT215820	3E16	47	3360 - 37
AT215821	3E16	38	3360 - 37
AT215823	3E16	76	3360 - 37
AT215825	3E24	41	3360 - 45
AT215825	3E24	42	3360 - 45
AT215826	3E6	52	3360 - 27
AT215827	3E24	3	3360 - 45
AT215828	3E24	6	3360 - 45
AT215829	3E24	82	3360 - 45
AT215830	3E24	13	3360 - 45
AT215831	3E6	51	3360 - 27
AT215832	3E6	76	3360 - 27
AT215833	1B8	1	0130 - 7
AT215834	3J23	9	4360 - 3
AT215835	2H17	41	2160 - 11
AT215835	2H19	41	2160 - 13
AT215841	2H13	1	2160 - 7
AT215841	2H15	1	2160 - 9
AT215842	2H17	27	2160 - 11
AT215842	2H19	27	2160 - 13
AT215843	3J23	14	4360 - 3
AT215844	3J23	22	4360 - 3
AT215845	3J23	1	4360 - 3
AT215846	3J23	26	4360 - 3
AT215847	2H17	25	2160 - 11
AT215847	2H19	25	2160 - 13
AT215848	2H17	3	2160 - 11
AT215848	2H19	3	2160 - 13
AT215849	2H17	4	2160 - 11
AT215849	2H19	4	2160 - 13
AT215850	2H17	28	2160 - 11
AT215850	2H19	28	2160 - 13
AT215851	3C12	14	3315 - 15
AT215853	3B24	1	3315 - 3
AT215856	2H17	42	2160 - 11
AT215856	2H19	42	2160 - 13
AT215857	1B8	4B	0130 - 7
AT215858	3J23	24	4360 - 3
AT215859	3J23	25	4360 - 3
AT215860	3J23	35	4360 - 3
AT215862	2H13	14	2160 - 7
AT215862	2H15	14	2160 - 9

NUMERICAL INDEX - CONTINUED

PART NO.	GRID	KEY	PAGE
AT215863	2H13	15	2160 - 7
AT215863	2H15	15	2160 - 9
AT215864	2H13	3	2160 - 7
AT215864	2H15	3	2160 - 9
AT215865	1C7	4	0260 - 7
AT215866	1C7	28	0260 - 7
AT215866	1C7	29	0260 - 7
AT215866	1C7	31	0260 - 7
AT215867	2H17	57	2160 - 11
AT215867	2H19	57	2160 - 13
AT215868	2H13	56	2160 - 7
AT215868	2H15	56	2160 - 9
AT215869	3C12	6D	3315 - 15
AT215870	1C7	14	0260 - 7
AT215871	1B10	0A	0130 - 9
AT215873	1B10	10	0130 - 9
AT215874	2H17	31	2160 - 11
AT215874	2H19	31	2160 - 13
AT215876	3C14	20	3315 - 17
AT215877	2H17	13	2160 - 11
AT215877	2H19	13	2160 - 13
AT215878	3J23	21	4360 - 3
AT215879	3H16	43	3360 - 113
AT215881	3E12	45J	3360 - 33
AT215881	3E16	75J	3360 - 37
AT215882	1C7	31	0260 - 7
AT215883	1C7	41	0260 - 7
AT215884	1C11	18	0260 - 11
AT215885	3C12	1	3315 - 15
AT215887	3J23	30	4360 - 3
AT215888	2H17	43	2160 - 11
AT215888	2H19	43	2160 - 13
AT215889	2H17	51	2160 - 11
AT215889	2H19	51	2160 - 13
AT215890	2H17	47	2160 - 11
AT215890	2H19	47	2160 - 13
AT215891	2H17	10	2160 - 11
AT215891	2H19	10	2160 - 13
AT215892	1C7	25	0260 - 7
AT215893	2H21	48	2160 - 15
AT215893	2H23	48	2160 - 17
AT215897	3C12	6B	3315 - 15
AT215898	2H21	35	2160 - 15
AT215899	2H21	5	2160 - 15
AT215900	2H21	6	2160 - 15
AT215901	3J23	32	4360 - 3
AT215902	3J23	19	4360 - 3
AT215903	2H17	8	2160 - 11
AT215903	2H19	8	2160 - 13
AT215904	2H17	6	2160 - 11
AT215904	2H19	6	2160 - 13
AT215905	2H17	21	2160 - 11
AT215905	2H19	21	2160 - 13
AT215906	2H13	63	2160 - 7
AT215906	2H15	69	2160 - 9
AT215907	2H13	25	2160 - 7
AT215907	2H15	25	2160 - 9
AT215908	2H17	12	2160 - 11
AT215908	2H19	12	2160 - 13
AT215911	2H17	59	2160 - 11
AT215911	2H19	59	2160 - 13
AT215918	3F24	11	3360 - 69
AT215919	2H17	7	2160 - 11
AT215919	2H19	7	2160 - 13
AT215923	3F22	11	3360 - 67
AT215924	3F22	12	3360 - 67
AT215925	1C11	3	0260 - 11
AT215928	1C5	27	0260 - 5
AT215929	1C5	13	0260 - 5
AT215930	2H17	50	2160 - 11
AT215930	2H19	50	2160 - 13
AT215931	2H17	46	2160 - 11
AT215931	2H19	46	2160 - 13
AT215932	3C12	23	3315 - 15
AT215934	1B10	5	0130 - 9
AT215935	1B10	13	0130 - 9
AT215937	2H21	27	2160 - 15
AT215937	2H23	27	2160 - 17
AT215938	3C14	12	3315 - 17
AT215939	2B11	1	1674 - 7
AT215940	1B10	0C	0130 - 9
AT215941	3F24	10	3360 - 69
AT215943	1C7	39	0260 - 7
AT215948	3C12	4	3315 - 15
AT215952	2H13	63A	2160 - 7
AT215952	2H15	69A	2160 - 9
AT215953	1C9	26	0260 - 9
AT215954	3C12	3	3315 - 15
AT215955	3C12	5	3315 - 15
AT215973	3D24	90	3360 - 21
AT215973	3E4	90	3360 - 25
AT215974	3E16	75	3360 - 37
AT215975	3E12	45	3360 - 33
AT215976	3E8	70	3360 - 29
AT215977	3E8	73	3360 - 29
AT215977	3E16	73	3360 - 37
AT215978	3E12	70	3360 - 33
AT215978	3E16	70	3360 - 37
AT215979	3J25	2	4360 - 5
AT215979	3K2	0	4360 - 7
AT215980	3J25	3	4360 - 5
AT215980	3K4	0	4360 - 9
AT215981	3J25	4	4360 - 5
AT215981	3K6	0	4360 - 11
AT215982	3J25	23	4360 - 5
AT215982	3K10	0	4360 - 15
AT215983	3K6	16	4360 - 11
AT215983	3K8	0	4360 - 13
AT215992	2E8	33	1810 - 31
AT215995	2H13	23	2160 - 7
AT215995	2H15	23	2160 - 9
AT215996	2E8	6	1810 - 31
AT215997	2E8	9	1810 - 31
AT215998	2B13	34	1674 - 9
AT215998	2E8	15	1810 - 31
AT216000	2E8	30	1810 - 31
AT216001	3C12	30	3315 - 15
AT216004	1B8	0	0130 - 7
AT216005	1B8	4	0130 - 7
AT216006	2E24	0A	1821 - 5
AT216007	3C12	7	3315 - 15
AT216009	1C9	19A	0260 - 9
AT216009	1C11	0	0260 - 11
AT216010	1C7	38	0260 - 7
AT216010	1C9	0	0260 - 9
AT216011	3J23	0	4360 - 3
AT216016	3C12	6	3315 - 15
AT216017	3C10	1	3315 - 13
AT216017	3C12	0	3315 - 15
AT216024	2H17	18	2160 - 11
AT216024	2H19	18	2160 - 13
AT216025	3J23	17	4360 - 3
AT216026	2E8	12	1810 - 31
AT216027	2E8	23	1810 - 31
AT216028	1C11	5	0260 - 11
AT216029	2H13	39	2160 - 7
AT216029	2H15	39	2160 - 9
AT216520	2E22	10	1821 - 3
AT216521	2E22	11	1821 - 3
AT216522	2E22	12	1821 - 3
AT216523	2E22	13	1821 - 3
AT216523	2E22	14	1821 - 3
AT216524	2E22	14	1821 - 3
AT216525	2E22	15	1821 - 3
AT216526	2E22	16	1821 - 3
AT216527	2E22	17	1821 - 3
AT216531	2E22	21	1821 - 3
AT216532	2E22	22	1821 - 3
AT216533	2E22	5	1821 - 3
AT216534	2E22	6	1821 - 3
AT216535	2E22	23	1821 - 3
AT216551	3F22	15	3360 - 67
AT216551	3F22	16	3360 - 67
AT216552	3F22	15	3360 - 67
AT216976	1J12	0	0515 - 7
AT217110	3G6	15	3360 - 75
AT217709	2H13	41	2160 - 7
AT217709	2H15	41	2160 - 9
AT217731	2E18	0	1810 - 41
AT217846	2E10	0	1810 - 33
AT217849	3C16	0	3315 - 19
AT217850	2E8	0	1810 - 31
AT217851	2E8	3	1810 - 31
AT217942	3C12	6A	3315 - 15
AT218131	2F16	1	1830 - 15
AT218132	2F16	2	1830 - 15
AT218140	2D15	36	1810 - 13
AT218141	2D13	31	1810 - 11
AT218189	2D9	30	1810 - 7
AT218190	2D11	11	1810 - 9
AT218191	2H3	1	2002 - 3
AT218231	3F22	15	3360 - 67
AT218364	2H17	69	2160 - 11
AT218364	2H21	0	2160 - 15
AT218365	1C7	9	0260 - 7
AT218387	3J23	40	4360 - 3
AT218387	3J25	0	4360 - 5
AT218388	1C5	0	0260 - 5
AT218388	1C7	0	0260 - 7
AT218389	3F22	16	3360 - 67
AT218390	3G4	22	3360 - 73
AT218391	3G6	14	3360 - 75
AT218392	2C2	1	1674 - 23
AT218394	1C5	11	0260 - 5
AT218395	1C5	12	0260 - 5
AT218396	1C5	18	0260 - 5
AT218397	1C5	20	0260 - 5
AT218398	1C5	26	0260 - 5
AT218399	1C5	30	0260 - 5
AT219494	2H3	2	2002 - 3
AT219494	2H5	6	2002 - 5
AT219497	2H5	4	2002 - 5
AT219675	3I25	3	3401 - 23
AT223875	2B5	2	1674 - 1
AT224893	2B5	2	1674 - 1
AT250589	3G4	25	3360 - 73
AT250589	3G6	20	3360 - 75
AT250663	1C9	11B	0260 - 9
AT250663	1C9	12	0260 - 9
AT250663	1C9	19A	0260 - 9
AT251195	3J20	21	3415 - 3

NUMERICAL INDEX - CONTINUED

PART NO.	GRID	KEY	PAGE
AT262528	2F18	18	1832 - 3
AT262529	2F18	1	1832 - 3
AT262530	2F22	10	1832 - 7
AT262531	2F18	2	1832 - 3
AT262532	2F22	7	1832 - 7
AT262533	2F22	5	1832 - 7
AT262534	2F22	3	1832 - 7
AT262535	2F22	8	1832 - 7
AT262536	2F22	6	1832 - 7
AT262537	2F22	2	1832 - 7
AT262538	2C6	9	1674 - 27
AT262539	2C6	10	1674 - 27
AT262540	2F20	4	1832 - 5
AT262541	2F20	3	1832 - 5
AT262542	2F22	9	1832 - 7
AT262543	2F18	19	1832 - 3
AT262544	2C4	10	1674 - 25
AT262545	2F20	11	1832 - 5
AT262546	2F20	9	1832 - 5
AT262547	2F20	12	1832 - 5
AT262548	2F20	10	1832 - 5
AT262549	2F18	5	1832 - 3
AT262550	2F18	3	1832 - 3
AT262551	2F18	17	1832 - 3
AT262552	2F18	7	1832 - 3
AT262553	2C6	8	1674 - 27
AT262554	2F20	6	1832 - 5
AT262555	2F20	13	1832 - 5
AT262556	2F20	14	1832 - 5
AT262557	2F20	7	1832 - 5
AT262558	2F18	11	1832 - 3
AT262559	2F18	4	1832 - 3
AT262560	2F18	6	1832 - 3
AT262561	2F18	15	1832 - 3
AT262562	2F18	16	1832 - 3
AT262563	2F20	1	1832 - 5
AT262564	2F20	2	1832 - 5
AT262565	2C4	1	1674 - 25
AT262565	2F18	20	1832 - 3
AT264224	3J25	13	4360 - 5
AT264256	3G14	7	3360 - 85
AT264256	3G16	7	3360 - 89
AT264256	3J2	7	3401 - 25
AT264256	3J4	7	3401 - 25B
AT264256	3J8	7	3401 - 27
AT264256	3J10	7	3401 - 27B
AT264257	3G14	8	3360 - 85
AT264257	3G16	8	3360 - 89
AT264257	3J2	8	3401 - 25
AT264257	3J4	8	3401 - 25B
AT264257	3J8	8	3401 - 27
AT264257	3J10	8	3401 - 27B
AT264258	3J2	6	3401 - 25
AT264258	3J4	6	3401 - 25B
AT264258	3J8	6	3401 - 27
AT264258	3J10	6	3401 - 27B
AT264319	3G18	10	3360 - 93
AT264319	3J23	3	4360 - 3
AT264324	1K9	..	1369 - 3
AT264333	3J14	11	3401 - 29
AT264347	1K9	..	1369 - 3
AT264347	3D24	90J	3360 - 21
AT264347	3E4	90J	3360 - 25
AT264347	3E8	74B	3360 - 29
AT264347	3E12	74B	3360 - 33
AT264354	1K9	..	1369 - 3
AT264354	3D24	90I	3360 - 21
AT264354	3E4	90I	3360 - 25
AT264354	3E12	45D	3360 - 33
AT264354	3E16	75D	3360 - 37
AT264354	3G14	29	3360 - 85
AT264354	3G16	29	3360 - 89
AT264354	3G20	29	3360 - 97
AT264354	3J2	23	3401 - 25
AT264354	3J4	23	3401 - 25B
AT264354	3J6	23	3401 - 25D
AT264354	3J8	23	3401 - 27
AT264354	3J10	23	3401 - 27B
AT264354	3J12	23	3401 - 27D
AT264360	1K9	..	1369 - 3
AT264360	3G18	32	3360 - 93
AT264374	3G20	7	3360 - 97
AT264375	3G20	8	3360 - 97
AT264387	3G18	16	3360 - 93
AT264388	3G18	19	3360 - 93
AT264389	3G20	4	3360 - 97
AT264391	3G14	11	3360 - 85
AT264391	3G16	11	3360 - 89
AT264391	3G20	11	3360 - 97
AT264392	3G14	16	3360 - 85
AT264392	3G16	16	3360 - 89
AT264392	3G20	14	3360 - 97
AT264394	3G14	19	3360 - 85
AT264394	3G16	19	3360 - 89
AT264394	3G20	17	3360 - 97
AT264418	1C15	10	0260 - 15
AT301074	2B25	0	1674 - 21
AT303189	1K11	1	1369 - 5
AT304642	2D15	52	1810 - 13
AT304643	2D15	53	1810 - 13
AT306723	3H8	7	3360 - 107
AT306723	3H24	16	3360 - 121
AT307241	3C14	19	3315 - 17
AT307242	3C14	17	3315 - 17
AT307247	2D23	80	1810 - 21
AT307248	2D23	81	1810 - 21
AT307700	2E8	23	1810 - 31
AT307709	3H24	14	3360 - 121
AT307710	2C14	1	1674 - 35
AT307710	3H24	4	3360 - 121
AT307743	2E24	0B	1821 - 5
AT307744	2E24	0C	1821 - 5
AT308569	2I4	4	2160 - 23
AT318013	2B7	6	1674 - 3
AT318014	3F20	44	3360 - 65
AT318014	3F22	1	3360 - 67
AT318014	3F22	4	3360 - 67
AT318014	3H16	44	3360 - 113
AT318014	3I13	7	3401 - 11
AT318014	3I17	5	3401 - 15
AT318014	3I25	5	3401 - 23
AT318015	2G5	3	1910 - 5
AT318017	3F18	1	3360 - 63
AT318017	3I17	13	3401 - 15
AT318018	1C21	15	0260 - 21
AT318021	2I8	10	2160 - 27
AT318023	3F14	3	3360 - 59
AT318035	1C21	6A	0260 - 21
AT318035	1C21	7A	0260 - 21
AT318035	1K9	..	1369 - 3
AT318035	2I6	15A	2160 - 25
AT318035	3D6	17A	3360 - 3
AT318035	3D10	1A	3360 - 7
AT318035	3D10	2A	3360 - 7
AT318035	3D18	16A	3360 - 15
AT318035	3D18	17A	3360 - 15
AT318035	3D24	20	3360 - 21
AT318035	3E2	20	3360 - 23
AT318035	3E4	20	3360 - 25
AT318035	3E6	20	3360 - 27
AT318035	3F8	13	3360 - 53
AT318035	3H14	5A	3360 - 111
AT318035	3H18	1A	3360 - 115
AT318035	3H18	32A	3360 - 115
AT318035	3H18	33A	3360 - 115
AT318035	3H18	53A	3360 - 115
AT318035	3H20	24	3360 - 117
AT318035	3I5	20A	3401 - 3
AT318035	3I7	6A	3401 - 5
AT318035	3I7	7A	3401 - 5
AT318035	3K6	12	4360 - 11
AT318059	3C24	12	3340 - 3
AT318059	3D2	12	3340 - 5
AT34395	3D24	0	3360 - 21
AT35121	2I10	16	2160 - 29
AT35121	3H8	2	3360 - 107
AT35121	3H24	3	3360 - 121
AT36921	3C18	6	3315 - 21
AT36921	3C20	1	3315 - 21B
AT36921	3C22	7	3315 - 23
AT36921	3H6	10	3360 - 105
AT36921	3H6	17	3360 - 105
AT36921	3H8	10	3360 - 107
AT37476	2I6	5	2160 - 25
AT37476	2I6	13	2160 - 25
AT38449	1F12	20	0422 - 3
AT38449	1I6	20	0422A - 3
AT38628	2I10	9	2160 - 29
AT43291	2I6	5	2160 - 25
AT43291	2I6	13	2160 - 25
AT50923	1J18	28	0520 - 5
AT54837	3D6	43	3360 - 3
AT54837	3D8	43	3360 - 5
AT55107	1J14	11	0515 - 9
AT56658	1J18	27	0520 - 5
AT56659	1J18	28	0520 - 5
AT64237	2B23	1	1674 - 19
AT64237	2B23	2	1674 - 19
AT68901	3C20	10	3315 - 21B
AT71082	3H8	25	3360 - 107
AT71082	3H24	11	3360 - 121
AT71732	3H6	9	3360 - 105
AT71732	3H8	6	3360 - 107
AT73296	1I22	1	0505 - 2
AT74940	1I22	10	0505 - 2
AT78633	2E2	16	1810 - 25
AT78634	2E2	16	1810 - 25
AT82210	3H10	2	3360 - 109
AT82210	3H12	2	3360 - 109B
AT83721	2C14	2	1674 - 35
AT83721	3H24	6	3360 - 121
AT84953	2F14	19	1830 - 12
AU42809	2E2	16	1810 - 25
A22698	2G15	32	1910 - 15
A364R	1E23	7	0417 - 1
A364R	1E24	7	0417 - 2
A364R	1H19	7	0417A - 1
A364R	1H20	7	0417A - 2
A4827R	1D13	14	0402 - 3
A4827R	1F25	17	0452 - 3
A4827R	1G8	14	0402A - 3

NUMERICAL INDEX - CONTINUED

PART NO.	GRID	KEY	PAGE
A4827R	1I19	17	0452A - 3
A811030	1K9	..	1369 - 3
A811030	3H14	3	3360 - 111
A811030	3H20	25	3360 - 117
A811040	1K9	..	1369 - 3
A811040	3D6	7	3360 - 3
A811045	1K9	..	1369 - 3
A811155	1C7	29	0260 - 7
A852223	3G4	6	3360 - 73
A852223	3G6	6	3360 - 75
A853166	3G18	30	3360 - 93
A853166	3G18	42	3360 - 93
A853344	3I5	8	3401 - 3
A853344	3I5	15	3401 - 3
A853344	3I19	21	3401 - 17
CD16284	1E11	7	0409 - 3
CD16284	1H7	7	0409A - 3
CH10568	3D24	90H	3360 - 21
CH10568	3E2	29	3360 - 23
CH10568	3E4	90H	3360 - 25
CH10568	3E6	29	3360 - 27
CH10568	3E8	29	3360 - 29
CH10568	3E16	29	3360 - 37
CH10569	3K8	11	4360 - 13
CH11436	1K9	..	1369 - 3
CH11490	3E14	12	3360 - 35
CH11528	2E24	2	1821 - 5
CH11560	2H17	54	2160 - 11
CH11560	2H19	54	2160 - 13
CH11561	3C12	17	3315 - 15
CH11562	3C12	6C	3315 - 15
CH11568	3E14	64	3360 - 35
CH11568	3E14	69C	3360 - 35
CH11568	3H20	20	3360 - 117
CH11569	1K9	..	1369 - 3
CH11569	3E14	11	3360 - 35
CH11569	3E16	81	3360 - 37
CH11570	1C11	1	0260 - 11
CH11570	1C17	6	0260 - 17
CH11570	1K9	..	1369 - 3
CH11570	2B7	7	1674 - 3
CH11570	2H13	43A	2160 - 7
CH11570	2H15	43A	2160 - 9
CH11570	2H17	80A	2160 - 11
CH11570	2H19	80A	2160 - 13
CH11570	3C18	15	3315 - 21
CH11570	3C18	18	3315 - 21
CH11570	3C18	20A	3315 - 21
CH11570	3C20	9	3315 - 21B
CH11570	3C20	11	3315 - 21B
CH11570	3C22	4	3315 - 23
CH11570	3D6	18	3360 - 3
CH11570	3D10	4A	3360 - 7
CH11570	3D10	5A	3360 - 7
CH11570	3D10	7A	3360 - 7
CH11570	3D24	18	3360 - 21
CH11570	3D24	90F	3360 - 21
CH11570	3E4	18	3360 - 25
CH11570	3E4	90F	3360 - 25
CH11570	3E8	18	3360 - 29
CH11570	3E10	5	3360 - 31
CH11570	3E12	45I	3360 - 33
CH11570	3E16	75I	3360 - 37
CH11570	3E18	5	3360 - 39
CH11570	3F4	21	3360 - 49
CH11570	3F8	12	3360 - 53
CH11570	3F10	19A	3360 - 55
CH11570	3F10	34A	3360 - 55
CH11570	3F10	35A	3360 - 55
CH11570	3F16	18A	3360 - 61
CH11570	3F18	1A	3360 - 63
CH11570	3F18	13A	3360 - 63
CH11570	3F18	28A	3360 - 63
CH11570	3F18	29A	3360 - 63
CH11570	3F18	34A	3360 - 63
CH11570	3F20	10A	3360 - 65
CH11570	3F20	12A	3360 - 65
CH11570	3F20	14A	3360 - 65
CH11570	3F20	26A	3360 - 65
CH11570	3F20	33A	3360 - 65
CH11570	3F20	43A	3360 - 65
CH11570	3F24	1A	3360 - 69
CH11570	3F24	5A	3360 - 69
CH11570	3G4	7A	3360 - 73
CH11570	3G4	8A	3360 - 73
CH11570	3G6	7A	3360 - 75
CH11570	3G6	8A	3360 - 75
CH11570	3G8	20A	3360 - 77
CH11570	3G8	46	3360 - 77
CH11570	3G10	1A	3360 - 79
CH11570	3G10	4A	3360 - 79
CH11570	3H6	14	3360 - 105
CH11570	3H8	15	3360 - 107
CH11570	3H16	14A	3360 - 113
CH11570	3H16	15A	3360 - 113
CH11570	3H16	45A	3360 - 113
CH11570	3H20	22	3360 - 117
CH11570	3I15	4A	3401 - 13
CH11570	3I15	30A	3401 - 13
CH11570	3I17	10A	3401 - 15
CH11570	3I17	13A	3401 - 15
CH11570	3I19	3A	3401 - 17
CH11570	3K10	11	4360 - 15
CH11571	1B8	3	0130 - 7
CH11571	1K9	..	1369 - 3
CH11571	2I4	14	2160 - 23
CH11571	3C4	17	3315 - 7
CH11572	1K9	..	1369 - 3
CH12329	1K9	..	1369 - 3
CH12329	3E8	74D	3360 - 29
CH12329	3E12	45C	3360 - 33
CH12329	3E12	74D	3360 - 33
CH12329	3E16	75C	3360 - 37
CH12329	3H20	23	3360 - 117
CH12329	3J16	6	3401 - 31
CH12329	3K8	13	4360 - 13
CH13523	1C17	26	0260 - 17
CH14634	1K9	..	1369 - 3
CH14634	3G2	12	3360 - 71
CH14701	1K9	..	1369 - 3
CH16109	1C15	26	0260 - 15
CH16109	3J2	12	3401 - 25
CH16109	3J4	12	3401 - 25B
CH16109	3J6	12	3401 - 25D
CH16109	3J8	12	3401 - 27
CH16109	3J10	12	3401 - 27B
CH16109	3J12	12	3401 - 27D
CH17167	1K9	..	1369 - 3
CH17167	3E10	4	3360 - 31
CH17167	3E14	4	3360 - 35
CH17167	3E18	4	3360 - 39
CH17213	2I4	4A	2160 - 23
CH17213	2I4	4B	2160 - 23
CH17951	2H17	35	2160 - 11
CH17951	2H19	35	2160 - 13
CH18696	3G14	10	3360 - 85
CH18696	3G16	10	3360 - 89
CH18696	3G20	10	3360 - 97
CH19111	1K9	..	1369 - 3
C610778	3B11	13	3302 - 3
C610778	3B15	13	3302 - 7
C610778	3B17	13	3302 - 9
DH300125	2G15	47	1910 - 15
DH500068	2G15	0	1910 - 15
DH700119	3I11	0	3401 - 9
DH700120	3I11	0	3401 - 9
DH800107	2B17	8	1674 - 13
DS0345	1K11	1	1369 - 5
DS0346	1K11	1	1369 - 5
EX119-21	3B19	11	3302 - 11
EX119-27	3B19	11	3302 - 11
EX129A-37	3B19	11	3302 - 11
EX1829A-47	3B19	11	3302 - 11
EX20SP	3B19	13	3302 - 11
EX20W1	3B19	12	3302 - 11
EX21-27QRT	3B19	6	3302 - 11
EX21LK	3B19	5	3302 - 11
EX21LK	3B21	2	3302 - 13
EX21LKS	3B19	5	3302 - 11
EX21LKS	3B21	2	3302 - 13
EX21SYL	3B19	2	3302 - 11
EX21SYL	3B21	4G	3302 - 13
EX21S5F	3B19	1	3302 - 11
EX21S5F	3B21	4I	3302 - 13
EX21TVIP	3B19	4	3302 - 11
EX21TVIP	3B21	4H	3302 - 13
EX21VIP	3B19	3	3302 - 11
EX21VIP	3B21	4J	3302 - 13
EX27LK	3B19	5	3302 - 11
EX27SYL	3B19	2	3302 - 11
EX27VPL	3B19	11	3302 - 11
EX27VPL	3B19	14	3302 - 11
EX27VPN	3B19	5	3302 - 11
EX27VPN	3B19	11	3302 - 11
EX29SP	3B19	13	3302 - 11
EX29W1	3B19	12	3302 - 11
EX31329-X	3B19	7	3302 - 11
EX360-21	3B19	10	3302 - 11
EX37LK	3B19	5	3302 - 11
EX37LKS	3B19	5	3302 - 11
EX37SYL	3B19	2	3302 - 11
EX47LK	3B19	5	3302 - 11
EX47SYL	3B19	2	3302 - 11
EX4894-21	3B19	11	3302 - 11
EX5824-37	3B19	11	3302 - 11
EX5827-27	3B19	11	3302 - 11
EX5849-21	3B19	11	3302 - 11
EX5849-21	3B21	3	3302 - 13
EX5850-27V	3B19	11	3302 - 11
EX5854-21	3B19	11	3302 - 11
E1343FN	1F16	2	0429 - 3
E1343FN	1I10	2	0429A - 3
E19700	2F14	4	1830 - 12
E45229	1J14	1	0515 - 9
E63457	2F18	30	1832 - 3
FFSB102853	2E20	9	1810 - 43
FFSB103019	2E20	1	1810 - 43
FFSB103020	2E20	2	1810 - 43
FFSB103021	2E20	3	1810 - 43
FFSB103022	2E20	4	1810 - 43
FFSB103023	2E20	5	1810 - 43

NUMERICAL INDEX - CONTINUED

PART NO.	GRID	KEY	PAGE
FFSB103024	2E20	6	1810 - 43
FFSB103025	2E20	7	1810 - 43
FFSB103031	2E20	10	1810 - 43
FFSB104490	2E20	20	1810 - 43
FFSB107987	2E20	7	1810 - 43
H132922	2C17	23	1740 - 3
H132922	2D23	89	1810 - 21
H132922	3C14	4	3315 - 17
H141406	2B21	33	1674 - 17
H144095	2B4	3	1672 - 2
H155194	3G20	3	3360 - 97
H155867	3G18	9	3360 - 93
H157238	3G18	14	3360 - 93
H157792	3G14	1A	3360 - 85
H157792	3G16	1A	3360 - 89
H157793	3G20	2A	3360 - 97
H157794	3G20	1A	3360 - 97
H158027	3G18	3	3360 - 93
H158032	3G14	3	3360 - 85
H158032	3G16	3	3360 - 89
H158164	3G20	9	3360 - 97
H158170	3G14	18	3360 - 85
H158170	3G16	18	3360 - 89
H158170	3G20	16	3360 - 97
H158173	3G14	15	3360 - 85
H158173	3G16	15	3360 - 89
H158173	3G20	13	3360 - 97
H158175	3G14	21	3360 - 85
H158175	3G16	21	3360 - 89
H158175	3G20	19	3360 - 97
H158175	3J2	19	3401 - 25
H158175	3J4	19	3401 - 25B
H158175	3J6	19	3401 - 25D
H158175	3J8	19	3401 - 27
H158175	3J10	19	3401 - 27B
H158175	3J12	19	3401 - 27D
H158234	3G18	1A	3360 - 93
H158234	3G18	2A	3360 - 93
H158235	3G14	2A	3360 - 85
H158235	3G16	2A	3360 - 89
H158453	3G14	9	3360 - 85
H158453	3G16	9	3360 - 89
H158453	3J2	9	3401 - 25
H158453	3J4	9	3401 - 25B
H158453	3J6	9	3401 - 25D
H158453	3J8	9	3401 - 27
H158453	3J10	9	3401 - 27B
H158453	3J12	9	3401 - 27D
H158459	3G18	18	3360 - 93
H158461	3G14	14	3360 - 85
H158461	3G16	14	3360 - 89
H158461	3G18	13	3360 - 93
H158463	3G18	15	3360 - 93
H158465	3G18	21	3360 - 93
H159695	3G18	20	3360 - 93
H159705	3G18	35	3360 - 93
H159707	3G18	27	3360 - 93
H21259	1K7	18	1320 - 3
H21259	1K7	19	1320 - 3
H21259	1K7	20	1320 - 3
H23125	1D16	1	0402 - 4
H23125	1G11	1	0402A - 4
H35237	3K8	14	4360 - 13
H61354	3D8	3	3360 - 5
H75414	2I10	4	2160 - 29
H77698	1C21	30	0260 - 21
H77698	1I22	8	0505 - 2
H77698	1J6	8	0510 - 7
H77698	1K2	6	0560 - 7
H77698	2B7	11	1674 - 3
H77698	2B13	6	1674 - 9
H77698	2B13	7	1674 - 9
H77698	2B21	18	1674 - 17
H77698	2B21	21	1674 - 17
H77698	2B25	14	1674 - 21
H77698	2F7	7	1830 - 5
H77698	3B24	4	3315 - 3
H77698	3B24	16	3315 - 3
H77698	3C20	8	3315 - 21B
H77698	3C22	17	3315 - 23
H77698	3F18	42	3360 - 63
H77698	3F18	52	3360 - 63
H77698	3F18	57	3360 - 63
H77698	3F20	52	3360 - 65
H77698	3G10	20	3360 - 79
H77698	3H16	51	3360 - 113
H77698	3I7	34	3401 - 5
H77698	3I13	15	3401 - 11
H77698	3I15	26	3401 - 13
H77698	3I19	1	3401 - 17
H77698	3I23	7	3401 - 21
H77698	3I25	25	3401 - 23
IPSKIT3	1K11	1	1369 - 5
JD5909	1K7	16	1320 - 3
JD7769	3G22	10	3360 - 99
JD8514	2H13	5	2160 - 7
JD8514	2H15	5	2160 - 9
J020850	3I9	10	3401 - 7
J050820	2F5	2	1830 - 3
J090612	2F5	14	1830 - 3
J222014	1C23	4	0260 - 23
J222014	3E20	14	3360 - 41
J450512	2F16	14	1830 - 15
J450614	2D15	34M	1810 - 13
J450616	2B13	23	1674 - 9
J460310	2B13	11	1674 - 9
J460620	2B13	14	1674 - 9
J460620	3G4	32	3360 - 73
J460620	3G6	24	3360 - 75
J460625	2B13	24	1674 - 9
J660512	2D15	36	1810 - 13
J680410	2D15	55	1810 - 13
J680510	2D13	33	1810 - 11
J680514	2D17	20	1810 - 15
J680620	2D11	86	1810 - 9
J680640	3C16	27	3315 - 19
J780820	1J10	6	0515 - 5
J780820	1J10	7	0515 - 5
J780825	3D12	6	3360 - 9
J780825	3D14	4	3360 - 11
J780825	3D14	12	3360 - 11
J780825	3D16	4	3360 - 13
J780825	3D18	9	3360 - 15
J780825	3D20	2	3360 - 17
J781020	3J20	8	3415 - 3
J781030	3C12	8	3315 - 15
J781030	3D8	5	3360 - 5
J781030	3D14	7	3360 - 11
J781030	3F10	25	3360 - 55
J781030	3J20	9	3415 - 3
J781040	3D6	5	3360 - 3
J781045	3F24	9	3360 - 69
J781228	2I6	1	2160 - 25
J900614	2B15	13	1674 - 11
J900614	2E2	15	1810 - 25
J901425	3D4	16	3344 - 3
J901445	2H13	21	2160 - 7
J901445	2H15	21	2160 - 9
J921890	2C17	15	1740 - 3
J931695	2C21	16	1740 - 7
J932722	2C19	1	1740 - 5
J952010	2E24	0F	1821 - 5
J952014	2B19	1I	1674 - 15
K40001	1J14	1	0515 - 9
K40001	2E20	9	1810 - 43
L38718	3F4	16	3360 - 49
M341095	3H14	4	3360 - 111
M341290	2H17	61	2160 - 11
M341290	2H19	61	2160 - 13
M341440	3J23	23	4360 - 3
M351018	1B16	12	0130 - 15
M470625	2D13	14	1810 - 11
M63200	2G5	11	1910 - 5
M63200	2G15	33	1910 - 15
M800650	1C9	17A	0260 - 9
M800650	1C9	26A	0260 - 9
M800650	1C21	22A	0260 - 21
M800650	1C21	23A	0260 - 21
M800650	1K9	..	1369 - 3
M800650	2B7	6A	1674 - 3
M800650	2H13	54A	2160 - 7
M800650	2H13	55A	2160 - 7
M800650	2H15	54A	2160 - 9
M800650	2H15	55A	2160 - 9
M800650	2H15	61A	2160 - 9
M800650	2H15	62A	2160 - 9
M800650	2H15	63A	2160 - 9
M800650	2H17	16	2160 - 11
M800650	2H17	67A	2160 - 11
M800650	2H19	16	2160 - 13
M800650	2H19	67A	2160 - 13
M800650	3E2	68	3360 - 23
M800650	3E6	58	3360 - 27
M800650	3E14	69B	3360 - 35
M800650	3E24	14	3360 - 45
M800650	3F2	3A	3360 - 47
M800650	3F2	4A	3360 - 47
M800650	3F8	11	3360 - 53
M800650	3F10	32A	3360 - 55
M800650	3F12	1A	3360 - 57
M800650	3F12	3A	3360 - 57
M800650	3F12	5A	3360 - 57
M800650	3F12	7A	3360 - 57
M800650	3F12	16A	3360 - 57
M800650	3F14	0A	3360 - 59
M800650	3F14	3A	3360 - 59
M800650	3F16	1A	3360 - 61
M800650	3F16	8A	3360 - 61
M800650	3F16	10A	3360 - 61
M800650	3F16	13A	3360 - 61
M800650	3F16	15A	3360 - 61
M800650	3F16	16A	3360 - 61
M800650	3F16	25A	3360 - 61
M800650	3F16	35A	3360 - 61
M800650	3F18	16A	3360 - 63
M800650	3F18	36A	3360 - 63
M800650	3F18	49A	3360 - 63
M800650	3F20	17A	3360 - 65
M800650	3F20	44A	3360 - 65
M800650	3F22	1A	3360 - 67
M800650	3F22	4A	3360 - 67

NUMERICAL INDEX - CONTINUED

PART NO.	GRID	KEY	PAGE
M800650	3F24	2A	3360 - 69
M800650	3G4	6A	3360 - 73
M800650	3G6	6A	3360 - 75
M800650	3G8	8A	3360 - 77
M800650	3G8	10A	3360 - 77
M800650	3G8	11A	3360 - 77
M800650	3G8	18A	3360 - 77
M800650	3G8	19A	3360 - 77
M800650	3G8	35A	3360 - 77
M800650	3G10	10A	3360 - 79
M800650	3H16	1A	3360 - 113
M800650	3H16	43A	3360 - 113
M800650	3H16	44A	3360 - 113
M800650	3H20	21	3360 - 117
M800650	3I13	4A	3401 - 11
M800650	3I13	5A	3401 - 11
M800650	3I13	7A	3401 - 11
M800650	3I15	1A	3401 - 13
M800650	3I15	24A	3401 - 13
M800650	3I15	31A	3401 - 13
M800650	3I17	5A	3401 - 15
M800650	3I17	6A	3401 - 15
M800650	3I17	17A	3401 - 15
M800650	3I23	3A	3401 - 21
M800650	3I25	0A	3401 - 23
M800650	3I25	2A	3401 - 23
M800650	3I25	5A	3401 - 23
M800650	3J18	12	3401 - 33
M800650	3K6	14	4360 - 11
M800893	1K9	..	1369 - 3
M86436	3F18	58	3360 - 63
M86436	3F20	53	3360 - 65
M87733	1E19	7	0416 - 1
M87733	1E21	3	0416 - 3
M87733	1E22	7	0416 - 4
M87733	1H15	7	0416A - 1
M87733	1H17	3	0416A - 3
M87733	1H18	7	0416A - 4
M88199	1J6	8	0510 - 7
N162946	2F14	10	1830 - 12
N231749	2E24	4	1821 - 5
N231749	3K12	1	4360 - 17
PM38655	1D22	24	0404 - 3
PM38655	1G17	24	0404A - 3
PM797NA	2C12	40	1674 - 33
PM797NA	2F14	11	1830 - 12
P60420	3D4	0C	3344 - 3
P60453	2C17	25	1740 - 3
P60463	1C23	0	0260 - 23
P60466	2C17	16	1740 - 3
P60496	3F16	6	3360 - 61
P60498	2G7	20	1910 - 7
P60500	2I6	19	2160 - 25
P60616	2G15	39	1910 - 15
P60630	1J2	30	0510 - 3
P60633	1J2	32	0510 - 3
P60634	1J2	33	0510 - 3
P60635	1J2	34	0510 - 3
P60636	1J2	31A	0510 - 3
P60636	1J2	31B	0510 - 3
P60637	1J2	12A	0510 - 3
P60649	1J20	36	0530 - 3
P60650	1J20	35A	0530 - 3
P60651	1J18	24	0520 - 5
P60652	1J18	25	0520 - 5
P60676	1J2	35	0510 - 3
P60677	1J4	1	0510 - 5
P60747	2G19	0	1910 - 19
P60748	2G19	1	1910 - 19
P60749	2G19	2A	1910 - 19
P60750	2G19	4	1910 - 19
P60751	2G19	8	1910 - 19
P60752	2G15	30	1910 - 15
P60753	1J4	8	0510 - 5
P60783	3C24	0C	3340 - 3
P60783	3D2	0C	3340 - 5
P60783	3D2	0D	3340 - 5
P60783	3D4	6	3344 - 3
P60784	3C24	0D	3340 - 3
P60796	3D6	44	3360 - 3
P60796	3D8	44	3360 - 5
P60859	3D4	25	3344 - 3
P60860	3C24	50	3340 - 3
P60860	3D4	26	3344 - 3
P60861	3D2	50	3340 - 5
P60914	2F2	5	1821 - 7
P60915	2F2	6	1821 - 7
P60923	2B17	8	1674 - 13
P60925	3C24	51	3340 - 3
P60925	3D2	51	3340 - 5
P61071	3I9	21	3401 - 7
P61093	1D8	18	0400 - 3
P61093	1D10	18	0400 - 5
P61111	1J4	8	0510 - 5
P61112	1J20	33A	0530 - 3
P61112	1J20	33B	0530 - 3
P61112	1J20	35A	0530 - 3
P61112	1J20	35B	0530 - 3
P61115	1J4	1	0510 - 5
P61593	2G19	3	1910 - 19
P61607	2I4	33	2160 - 23
P61612	3D18	20	3360 - 15
P61613	3D18	19	3360 - 15
P61616	3D10	0	3360 - 7
P61617	3F20	2	3360 - 65
P61618	3F16	27	3360 - 61
P61619	3F20	4	3360 - 65
P61620	3F18	46	3360 - 63
P61621	3F16	26	3360 - 61
P61622	3F20	9	3360 - 65
P61623	3G8	14	3360 - 77
P61624	3F12	13	3360 - 57
P61625	3F12	14	3360 - 57
P61627	3F16	23	3360 - 61
P61629	3D10	10	3360 - 7
P61631	3D18	22	3360 - 15
P61632	3F10	31	3360 - 55
P61634	3F18	45	3360 - 63
P61635	3D14	17	3360 - 11
P61637	3F12	17	3360 - 57
P61638	3F18	53	3360 - 63
P61639	3F18	54	3360 - 63
P61641	3G8	28	3360 - 77
P61642	3G8	29	3360 - 77
P61645	3F20	55	3360 - 65
P61721	2I6	20	2160 - 25
P61745	3F20	51	3360 - 65
P61750	3D18	17	3360 - 15
P61752	3D18	21	3360 - 15
P61778	3D14	16	3360 - 11
P61779	3D14	15	3360 - 11
P61782	3D16	5	3360 - 13
P61783	3D16	1	3360 - 13
P61784	3D14	15	3360 - 11
P61786	2B21	16	1674 - 17
P61788	3F20	25	3360 - 65
P61796	2C17	26	1740 - 3
P61796	3I11	8	3401 - 9
P61815	2G13	0	1910 - 13
P61816	2G13	1	1910 - 13
P61821	2C17	28	1740 - 3
P61821	3I11	15	3401 - 9
P61822	2C17	29	1740 - 3
P61822	2C17	31	1740 - 3
P61822	3I11	16	3401 - 9
P61827	3E20	13	3360 - 41
P61828	3F16	32	3360 - 61
P61833	3D12	18	3360 - 9
P61948	1J4	3	0510 - 5
P61954	3D12	6	3360 - 9
P61954	3D14	4	3360 - 11
P61954	3D14	12	3360 - 11
P61954	3D16	4	3360 - 13
P61954	3D18	9	3360 - 15
P61954	3D20	2	3360 - 17
P61967	2I6	1	2160 - 25
P61969	3E20	9	3360 - 41
P61970	2C17	15	1740 - 3
P61972	2C19	1	1740 - 5
P63175	2E24	2	1821 - 5
P63202	2G19	11	1910 - 19
P63321	3G22	16	3360 - 99
P63323	1K2	10	0560 - 7
P63325	2F2	4	1821 - 7
P63326	2F2	3	1821 - 7
P63337	3F12	12	3360 - 57
P63440	1K7	62	1320 - 3
P63448	1K7	2	1320 - 3
P63463	3D4	21	3344 - 3
P63474	3G12	12	3360 - 81
P63476	3G12	13	3360 - 81
P63478	3G22	6	3360 - 99
P63480	3G22	7	3360 - 99
P63529	3C24	30	3340 - 3
P63530	3C24	0B	3340 - 3
P63530	3D2	0B	3340 - 5
P63676	3D2	32	3340 - 5
P63687	2F7	1	1830 - 5
P63688	2F7	0	1830 - 5
P64258	1D8	20	0400 - 3
P64258	1D10	20	0400 - 5
P64263	3G8	34	3360 - 77
P64264	2G7	11	1910 - 7
P64270	2I6	21	2160 - 25
P64271	2I8	1	2160 - 27
P64272	2I8	9	2160 - 27
P64273	3F10	6	3360 - 55
P64274	3F14	1	3360 - 59
P64275	3F14	2	3360 - 59
P64276	2G11	39	1910 - 11
P64277	2G11	3	1910 - 11
P64278	2B21	30	1674 - 17
P64280	2G11	25	1910 - 11
P64892	3I11	2	3401 - 9
P64892	3I19	25B	3401 - 17
P64892	3I19	26B	3401 - 17
P64897	3I11	4	3401 - 9
P64898	3I11	3	3401 - 9
P64898	3I11	4	3401 - 9
P64907	3I19	18	3401 - 17
P64911	3I11	17	3401 - 9

NUMERICAL INDEX - CONTINUED

PART NO.	GRID	KEY	PAGE
P64911	3I11	20	3401 - 9
P64914	3I17	21	3401 - 15
P64915	3I17	19	3401 - 15
P64919	3I21	8	3401 - 19
P64925	3I5	0	3401 - 3
P65175	2G19	12	1910 - 19
P65608	2G19	5	1910 - 19
P65620	2C19	6	1740 - 5
P65656	1K7	63	1320 - 3
P65776	3J20	8	3415 - 3
P65873	3J20	20	3415 - 3
P65874	3J20	17	3415 - 3
P66231	1J2	12B	0510 - 3
P66267	1J2	33	0510 - 3
P66462	2B9	0	1674 - 5
P66463	2G23	1	1910 - 23
P66990	3C24	11	3340 - 3
P66990	3D2	11	3340 - 5
P68662	2I6	11	2160 - 25
P68663	2I6	4	2160 - 25
P68886	3C24	13	3340 - 3
P68886	3D2	13	3340 - 5
RE11154	2C12	40	1674 - 33
RE12330	2C10	14	1674 - 31
RE12331	2C10	12	1674 - 31
RE12332	2C10	18	1674 - 31
RE12333	2C10	21	1674 - 31
RE12334	2C10	8	1674 - 31
RE12362	2C10	4	1674 - 31
RE12363	2C10	11	1674 - 31
RE12364	2C10	16	1674 - 31
RE12365	2C10	20	1674 - 31
RE12366	2C10	25	1674 - 31
RE16142	1E15	30	0413 - 3
RE16142	1H11	30	0413A - 3
RE16223	1E4	3	0407 - 5
RE16223	1G25	3	0407A - 7
RE19797	1E15	5	0413 - 3
RE19797	1H11	5	0413A - 3
RE19799	1E15	15	0413 - 3
RE19799	1H11	15	0413A - 3
RE21790	1I24	7A	0505 - 5
RE26409	1E21	4	0416 - 3
RE26409	1H17	4	0416A - 3
RE31617	1E11	13	0409 - 3
RE31617	1H7	13	0409A - 3
RE33705	1F2	9	0418 - 3
RE40048	1J20	38	0530 - 3
RE42139	1I22	7	0505 - 2
RE44574	1F22	4	0433 - 2
RE44574	1F25	18	0452 - 3
RE44574	1I16	4	0433A - 2
RE44574	1I19	18	0452A - 3
RE46684	1F2	10	0418 - 3
RE46684	1H23	9	0418A - 3
RE46685	1D22	27	0404 - 3
RE46685	1E4	9	0407 - 5
RE46685	1E23	10	0417 - 1
RE46685	1E24	10	0417 - 2
RE46685	1F4	7	0419 - 3
RE46685	1G17	27	0404A - 3
RE46685	1G25	9	0407A - 7
RE46685	1H19	10	0417A - 1
RE46685	1H20	10	0417A - 2
RE46685	1H25	7	0419A - 3
RE46686	1F2	4	0418 - 3
RE46686	1F4	6	0419 - 3
RE46686	1F6	5	0420 - 3
RE46686	1H23	3	0418A - 3
RE46686	1H25	6	0419A - 3
RE46686	1I2	5	0420A - 3
RE46686	1K4	6	0560 - 9
RE46687	1D25	8	0407 - 2
RE46687	1E4	2	0407 - 5
RE46687	1G25	2	0407A - 7
RE46716	1D25	1	0407 - 2
RE48786	1E13	8	0413 - 1
RE48786	1E13	10	0413 - 1
RE48786	1H9	8	0413A - 1
RE48786	1H9	10	0413A - 1
RE500005	1D16	5	0402 - 4
RE500005	1D16	8	0402 - 4
RE500005	1G11	5	0402A - 4
RE500005	1G11	8	0402A - 4
RE500133	1G21	4	0407A - 3
RE500345	1F12	8	0422 - 3
RE500345	1I6	8	0422A - 3
RE500448	1E18	11B	0415 - 3
RE500448	1H14	11	0415A - 3
RE500449	1E18	8B	0415 - 3
RE500449	1H14	12	0415A - 3
RE500527	1F21	3	0433 - 1
RE500527	1I15	3	0433A - 1
RE500538	1F16	4	0429 - 3
RE500538	1I10	4	0429A - 3
RE500576	1K4	5	0560 - 9
RE500608	1D19	3	0403 - 2
RE500608	1G14	3	0403A - 2
RE500631	1D11	15	0401 - 1
RE500631	1G6	15	0401A - 1
RE500734	1E23	14	0417 - 1
RE500734	1E23	16	0417 - 1
RE500734	1H19	14	0417A - 1
RE500734	1H19	16	0417A - 1
RE501455	1F25	12	0452 - 3
RE501455	1I19	12	0452A - 3
RE501622	1H23	11	0418A - 3
RE50173	1E5	6	0407 - 6
RE501938	1D13	3A	0402 - 3
RE501938	1D13	3B	0402 - 3
RE501938	1D15	3	0402 - 3B
RE501938	1D15	13	0402 - 3B
RE501938	1G8	3B	0402A - 3
RE501938	1G10	3	0402A - 3B
RE501938	1G10	13	0402A - 3B
RE502269	1E5	6	0407 - 6
RE502660	1E2	3	0407 - 3A
RE502660	1G22	6	0407A - 4
RE502660	1G23	3	0407A - 5
RE502661	1E2	4	0407 - 3A
RE502661	1G22	7	0407A - 4
RE502661	1G23	4	0407A - 5
RE502903	1E16	7	0414 - 1
RE502903	1H12	7	0414A - 1
RE503211	1H18	9	0416A - 4
RE503215	1E19	9	0416 - 1
RE503215	1E22	9	0416 - 4
RE503215	1H15	9	0416A - 1
RE503664	1F16	12	0429 - 3
RE503664	1I10	12	0429A - 3
RE503727	1D25	4	0407 - 2
RE503727	1E2	1	0407 - 3A
RE503727	1E2	7	0407 - 3A
RE503727	1G23	1	0407A - 5
RE503727	1G23	7	0407A - 5
RE503848	1E7	6	0407 - 8
RE503848	1H3	7	0407A - 10
RE504233	1F9	4B	0421 - 2
RE504233	1F10	4B	0421 - 3
RE504472	1E1	4	0407 - 3
RE504472	1E2	6	0407 - 3A
RE504638	1D11	2	0401 - 1
RE504638	1D11	4	0401 - 1
RE504638	1D11	25	0401 - 1
RE504638	1G6	4	0401A - 1
RE50467	1F8	8	0420 - 5
RE50467	1I4	8	0420A - 5
RE50467	1K4	1	0560 - 9
RE504742	1E18	8A	0415 - 3
RE504742	1E18	11A	0415 - 3
RE504742	1E18	13	0415 - 3
RE504742	1H14	13	0415A - 3
RE504913	1H1	6	0407A - 8
RE504914	1E5	6	0407 - 6
RE504914	1H1	6	0407A - 8
RE505112	1D19	10	0403 - 2
RE505112	1G14	10	0403A - 2
RE505264	1F19	2	0429 - 7
RE505264	1I13	2	0429A - 7
RE505501	1D15	14	0402 - 3B
RE505501	1G10	14	0402A - 3B
RE505501	1G17	33	0404A - 3
RE505515	1D13	11	0402 - 3
RE505515	1D15	11	0402 - 3B
RE505515	1F25	19	0452 - 3
RE505515	1G8	11	0402A - 3
RE505515	1G10	11	0402A - 3B
RE505515	1I19	19	0452A - 3
RE505980	1E23	16	0417 - 1
RE505980	1E24	16	0417 - 2
RE505980	1H19	16	0417A - 1
RE505980	1H20	16	0417A - 2
RE50618	1D11	2	0401 - 1
RE50618	1D11	4	0401 - 1
RE50618	1G6	4	0401A - 1
RE506818	1E2	3	0407 - 3A
RE506818	1G22	6	0407A - 4
RE506818	1G23	3	0407A - 5
RE506819	1E2	4	0407 - 3A
RE506819	1G22	7	0407A - 4
RE506819	1G23	4	0407A - 5
RE507225	1H23	11	0418A - 3
RE50752	1K4	14	0560 - 9
RE50770	1D19	3	0403 - 2
RE507852	1D19	6	0403 - 2
RE507852	1G14	6	0403A - 2
RE507952	1D22	32	0404 - 3
RE507952	1E4	10	0407 - 5
RE507952	1G17	32	0404A - 3
RE507952	1G25	10	0407A - 7
RE508566	1D15	20	0402 - 3B
RE508566	1E23	16	0417 - 1
RE508566	1E24	17	0417 - 2
RE508566	1G10	20	0402A - 3B
RE508566	1H19	16	0417A - 1
RE508566	1H20	17	0417A - 2
RE509313	1D25	3	0407 - 2
RE509313	1E2	6	0407 - 3A
RE509313	1G23	6	0407A - 5
RE51281	1F19	2	0429 - 7
RE515748	1F25	12	0452 - 3

NUMERICAL INDEX - CONTINUED

PART NO.	GRID	KEY	PAGE
RE515748	1I19	12	0452A - 3
RE515978	1D13	2	0402 - 3
RE515978	1D15	15	0402 - 3B
RE515978	1G8	2	0402A - 3
RE515978	1G10	15	0402A - 3B
RE516101	1D22	3	0404 - 3
RE516101	1D24	1	0404 - 5
RE516101	1G17	3	0404A - 3
RE516101	1G19	1	0404A - 5
RE516340	1D11	4	0401 - 1
RE516340	1D11	25	0401 - 1
RE516340	1D13	11	0402 - 3
RE516340	1D15	11	0402 - 3B
RE516340	1F25	19	0452 - 3
RE516340	1G6	4	0401A - 1
RE516340	1G6	25	0401A - 1
RE516340	1G8	11	0402A - 3
RE516340	1G10	11	0402A - 3B
RE516340	1I19	19	0452A - 3
RE51649	1F8	6	0420 - 5
RE51649	1I4	6	0420A - 5
RE51649	1K4	15	0560 - 9
RE51650	1F8	9	0420 - 5
RE51650	1I4	9	0420A - 5
RE51650	1K4	2	0560 - 9
RE516512	1F8	7	0420 - 5
RE516512	1I4	7	0420A - 5
RE516512	1K4	18	0560 - 9
RE516513	1F8	7	0420 - 5
RE516513	1I4	7	0420A - 5
RE516513	1K4	18	0560 - 9
RE516553	1F8	2	0420 - 5
RE516553	1I4	2	0420A - 5
RE516553	1K4	14	0560 - 9
RE52242	1G21	2	0407A - 3
RE522820	1F4	2	0419 - 3
RE522820	1H25	2	0419A - 3
RE52346	1D13	11	0402 - 3
RE52346	1D15	11	0402 - 3B
RE52346	1F25	19	0452 - 3
RE52346	1G8	11	0402A - 3
RE52346	1G10	11	0402A - 3B
RE52346	1I19	19	0452A - 3
RE54885	1E19	6	0416 - 1
RE54885	1E22	6	0416 - 4
RE54885	1H15	6	0416A - 1
RE54885	1H18	6	0416A - 4
RE56313	1D11	15	0401 - 1
RE56369	1D11	21	0401 - 1
RE56369	1G6	21	0401A - 1
RE56375	1D18	4	0402 - 6
RE56375	1G13	4	0402A - 6
RE57234	1E11	15	0409 - 3
RE57234	1H7	15	0409A - 3
RE59296	1F4	2	0419 - 3
RE59296	1H25	2	0419A - 3
RE59447	1E15	7	0413 - 3
RE59447	1H11	7	0413A - 3
RE59448	1E15	8	0413 - 3
RE59448	1H11	8	0413A - 3
RE59449	1E15	9	0413 - 3
RE59449	1H11	9	0413A - 3
RE59450	1E15	10	0413 - 3
RE59450	1H11	10	0413A - 3
RE59487	1E15	18	0413 - 3
RE59487	1F6	4	0420 - 3
RE59487	1H11	18	0413A - 3
RE59487	1I2	4	0420A - 3
RE59579	1D22	32	0404 - 3
RE59579	1E4	10	0407 - 5
RE59579	1G17	32	0404A - 3
RE59579	1G25	10	0407A - 7
RE59582	1E5	6	0407 - 6
RE59754	1D25	5	0407 - 2
RE59754	1E2	8	0407 - 3A
RE59754	1G21	7	0407A - 3
RE59754	1G23	8	0407A - 5
RE59810	1D13	11	0402 - 3
RE59810	1D15	11	0402 - 3B
RE59810	1F25	19	0452 - 3
RE59810	1G8	11	0402A - 3
RE59810	1G10	11	0402A - 3B
RE59810	1I19	19	0452A - 3
RE59811	1D11	4	0401 - 1
RE59811	1D11	22	0401 - 1
RE59811	1G6	4	0401A - 1
RE59811	1G6	22	0401A - 1
RE59824	1E16	5	0414 - 1
RE59824	1H12	5	0414A - 1
RE59906	1D25	3	0407 - 2
RE59993	1E19	2	0416 - 1
RE59993	1E22	2	0416 - 4
RE59993	1H15	2	0416A - 1
RE59993	1H18	2	0416A - 4
RE60005	1E11	3	0409 - 3
RE60005	1H7	3	0409A - 3
RE60022	1I2	11	0420A - 3
RE60029	1E15	18	0413 - 3
RE60029	1F6	4	0420 - 3
RE60029	1H11	18	0413A - 3
RE60029	1I2	4	0420A - 3
RE60037	1F6	2	0420 - 3
RE60037	1I2	2	0420A - 3
RE60069	1E21	4	0416 - 3
RE60069	1H17	4	0416A - 3
RE60071	1E16	7	0414 - 1
RE60071	1H12	7	0414A - 1
RE60200	1E15	22	0413 - 3
RE60200	1H11	22	0413A - 3
RE60242	1F9	8	0421 - 2
RE60242	1F10	8	0421 - 3
RE60721	1D8	8	0400 - 3
RE60721	1D10	8	0400 - 5
RE60854	1F8	5	0420 - 5
RE60854	1I4	5	0420A - 5
RE60854	1K4	10	0560 - 9
RE62384	1E19	9	0416 - 1
RE62384	1E22	9	0416 - 4
RE62419	1F8	4	0420 - 5
RE62419	1I2	10	0420A - 3
RE62419	1I4	4	0420A - 5
RE62424	1F8	4	0420 - 5
RE62424	1I4	4	0420A - 5
RE62424	1K4	11	0560 - 9
RE65165	1D11	7	0401 - 1
RE65165	1G6	7	0401A - 1
RE65168	1D11	10	0401 - 1
RE65168	1G6	10	0401A - 1
RE65908	1D19	11	0403 - 2
RE65908	1G14	11	0403A - 2
RE65957	1D24	1	0404 - 5
RE65957	1G19	1	0404A - 5
RE65969	1D19	10	0403 - 2
RE65969	1G14	10	0403A - 2
RE65978	1E19	4	0416 - 1
RE65978	1E22	4	0416 - 4
RE65978	1H15	4	0416A - 1
RE65978	1H18	4	0416A - 4
RE66082	1F23	12	0452 - 1
RE66082	1I17	12	0452A - 1
RE66084	1F23	17	0452 - 1
RE66084	1I17	17	0452A - 1
RE66086	1F25	12	0452 - 3
RE66094	1F25	12	0452 - 3
RE66094	1I19	12	0452A - 3
RE66153	1F9	2	0421 - 2
RE66153	1F10	2	0421 - 3
RE66178	1E7	2	0407 - 8
RE66178	1H3	1	0407A - 10
RE66298	1F9	4A	0421 - 2
RE66298	1F10	4A	0421 - 3
RE66747	1F21	3	0433 - 1
RE66820	1D19	6	0403 - 2
RE66820	1G14	6	0403A - 2
RE67231	1F4	1	0419 - 3
RE67231	1H25	1	0419A - 3
RE67238	1E1	2	0407 - 3
RE67238	1E6	1	0407 - 7
RE67238	1F4	14	0419 - 3
RE67238	1F4	17	0419 - 3
RE67238	1G21	6	0407A - 3
RE67238	1G22	2	0407A - 4
RE67238	1H2	1	0407A - 9
RE67238	1H25	14	0419A - 3
RE67238	1H25	17	0419A - 3
RE67239	1D13	5	0402 - 3
RE67239	1D15	5	0402 - 3B
RE67239	1G8	5	0402A - 3
RE67239	1G10	5	0402A - 3B
RE67764	1D25	5	0407 - 2
RE67764	1E2	8	0407 - 3A
RE67764	1G21	7	0407A - 3
RE67764	1G23	8	0407A - 5
RE68695	1D17	9	0402 - 5
RE68695	1G12	9	0402A - 5
RE68722	1F19	2	0429 - 7
RE68748	1E15	3	0413 - 3
RE68748	1H11	3	0413A - 3
RE69292	1F16	3	0429 - 3
RE69292	1I10	3	0429A - 3
RE69364	1E18	11A	0415 - 3
RE69365	1E18	8A	0415 - 3
RE69388	1F6	12	0420 - 3
RE69388	1I2	12	0420A - 3
RE70073	1E5	10	0407 - 6
RE70073	1H1	10	0407A - 8
RE70116	1E7	6	0407 - 8
RE70116	1H3	7	0407A - 10
RE70120	1H3	9	0407A - 10
RE70177	1F16	12	0429 - 3
RE70212	1J20	38	0530 - 3
RE70357	1F8	1	0420 - 5
RE70357	1I4	1	0420A - 5
RE70357	1K4	16	0560 - 9
RE70358	1F8	1	0420 - 5
RE70358	1I2	11	0420A - 3
RE70358	1I4	1	0420A - 5
RE70403	1D16	6	0402 - 4
RE70403	1G11	6	0402A - 4
RE70487	1F12	7	0422 - 3
RE70487	1I6	7	0422A - 3

NUMERICAL INDEX - CONTINUED

PART NO.	GRID	KEY	PAGE
RE70536	1F16	9	0429 - 3
RE70536	1I10	9	0429A - 3
RE70681	1F12	6	0422 - 3
RE70681	1I6	6	0422A - 3
RE70756	1F12	1	0422 - 3
RE70756	1I6	1	0422A - 3
RE70848	1E15	4	0413 - 3
RE70848	1H11	4	0413A - 3
RE70962	1E23	15	0417 - 1
RE70962	1E24	15	0417 - 2
RE70962	1H19	15	0417A - 1
RE70962	1H20	15	0417A - 2
R100369	1E23	14	0417 - 1
R100369	1E24	14	0417 - 2
R100369	1H19	14	0417A - 1
R100369	1H20	14	0417A - 2
R100377	1F14	2	0423 - 3
R100377	1I8	2	0423A - 3
R101085	1D13	3A	0402 - 3
R101085	1G8	3A	0402A - 3
R101225	1D11	11	0401 - 1
R101225	1D11	14	0401 - 1
R101225	1G6	11	0401A - 1
R101225	1G6	14	0401A - 1
R104592	1D22	5	0404 - 3
R104592	1E11	5	0409 - 3
R104592	1G17	5	0404A - 3
R104592	1H7	5	0409A - 3
R107731	1D17	11	0402 - 5
R107731	1G12	11	0402A - 5
R107749	1F19	3	0429 - 7
R109863	1D11	12	0401 - 1
R109863	1G6	12	0401A - 1
R111137	1D22	10	0404 - 3
R111137	1G17	10	0404A - 3
R111207	1D8	17	0400 - 3
R111207	1D10	17	0400 - 5
R112316	1F25	20	0452 - 3
R112316	1I19	20	0452A - 3
R113562	1F8	8	0420 - 5
R113562	1I4	8	0420A - 5
R113563	1F6	7	0420 - 3
R113563	1I2	7	0420A - 3
R113565	1F6	6	0420 - 3
R113565	1F8	3	0420 - 5
R113565	1I2	6	0420A - 3
R113565	1I4	3	0420A - 5
R113565	1K4	9	0560 - 9
R113596	1D11	4	0401 - 1
R113596	1G6	4	0401A - 1
R114081	1D19	3	0403 - 2
R114082	1D19	2	0403 - 2
R114082	1G14	2	0403A - 2
R114083	1D19	1	0403 - 2
R114193	1D11	20	0401 - 1
R114193	1G6	20	0401A - 1
R114194	1D11	23	0401 - 1
R114194	1G6	23	0401A - 1
R114241	1D22	17	0404 - 3
R114241	1G17	17	0404A - 3
R114358	1D25	7	0407 - 2
R115081	1D22	3	0404 - 3
R115081	1D24	1	0404 - 5
R115081	1G17	3	0404A - 3
R115081	1G19	1	0404A - 5
R115250	1E25	1	0417 - 3
R115250	1H21	1	0417A - 3
R115252	1F4	10	0419 - 3
R115252	1H25	10	0419A - 3
R115299	1D22	12	0404 - 3
R115299	1E18	1	0415 - 3
R115299	1G17	12	0404A - 3
R115299	1H14	1	0415A - 3
R115301	1E18	8A	0415 - 3
R115390	1D22	15	0404 - 3
R115390	1G17	15	0404A - 3
R116078	1E18	11A	0415 - 3
R116115	1G21	9	0407A - 3
R116116	1E15	12	0413 - 3
R116116	1F6	15	0420 - 3
R116116	1H11	12	0413A - 3
R116116	1I2	15	0420A - 3
R116296	1E6	2	0407 - 7
R116296	1H2	2	0407A - 9
R116324	1D16	4	0402 - 4
R116324	1G11	4	0402A - 4
R116366	1E13	5	0413 - 1
R116366	1H9	5	0413A - 1
R116386	1E15	23	0413 - 3
R116386	1H11	23	0413A - 3
R116466	1D22	2	0404 - 3
R116466	1G17	2	0404A - 3
R116515	1E11	12	0409 - 3
R116515	1F23	8	0452 - 1
R116515	1F25	8	0452 - 3
R116515	1H7	12	0409A - 3
R116515	1I17	8	0452A - 1
R116515	1I19	8	0452A - 3
R119874	1D22	6	0404 - 3
R119874	1G17	6	0404A - 3
R120467	1E9	1	0408 - 3
R120467	1H5	1	0408A - 3
R120631	1D11	3	0401 - 1
R120631	1G6	3	0401A - 1
R120635	1D11	15	0401 - 1
R120638	1E5	13	0407 - 6
R120638	1H1	13	0407A - 8
R120641	1D11	12	0401 - 1
R121035	1E23	16	0417 - 1
R121035	1H19	16	0417A - 1
R121043	1D22	9	0404 - 3
R121043	1G17	9	0404A - 3
R121376	1E5	7	0407 - 6
R121376	1H1	7	0407A - 8
R121402	1E11	14	0409 - 3
R121402	1E11	15	0409 - 3
R121402	1H7	14	0409A - 3
R121402	1H7	15	0409A - 3
R121411	1D13	8	0402 - 3
R121411	1D15	8	0402 - 3B
R121411	1G8	8	0402A - 3
R121411	1G10	8	0402A - 3B
R121416	1F25	3	0452 - 3
R121416	1I19	3	0452A - 3
R121424	1D13	7	0402 - 3
R121424	1D15	7	0402 - 3B
R121424	1G8	7	0402A - 3
R121424	1G10	7	0402A - 3B
R121622	1E4	6	0407 - 5
R121622	1G25	6	0407A - 7
R121635	1E25	5	0417 - 3
R121635	1H21	5	0417A - 3
R121897	1F20	3	0429 - 8
R121897	1I14	3	0429A - 8
R122126	1F19	5	0429 - 7
R122126	1I13	5	0429A - 7
R123161	1D17	7	0402 - 5
R123161	1G12	7	0402A - 5
R123174	1D11	11	0401 - 1
R123177	1D19	5	0403 - 2
R123177	1G14	5	0403A - 2
R123179	1E5	6	0407 - 6
R123208	1F22	2	0433 - 2
R123208	1I16	2	0433A - 2
R123226	1E23	9	0417 - 1
R123226	1E24	9	0417 - 2
R123226	1F2	11	0418 - 3
R123226	1F23	4	0452 - 1
R123226	1F25	4	0452 - 3
R123226	1H19	9	0417A - 1
R123226	1H20	9	0417A - 2
R123226	1H23	12	0418A - 3
R123226	1I17	4	0452A - 1
R123226	1I19	4	0452A - 3
R123271	1D17	5	0402 - 5
R123271	1G12	5	0402A - 5
R123273	1F9	1	0421 - 2
R123273	1F10	1	0421 - 3
R123284	1F16	4	0429 - 3
R123284	1I10	6	0429A - 3
R123324	1F2	13	0418 - 3
R123324	1H23	14	0418A - 3
R123344	1F2	2	0418 - 3
R123345	1F2	1	0418 - 3
R123345	1F23	5	0452 - 1
R123345	1F25	5	0452 - 3
R123345	1I17	5	0452A - 1
R123345	1I19	5	0452A - 3
R123352	1F23	13	0452 - 1
R123352	1F25	13	0452 - 3
R123352	1I17	13	0452A - 1
R123352	1I19	13	0452A - 3
R123353	1E4	1	0407 - 5
R123353	1G25	1	0407A - 7
R123395	1E23	1	0417 - 1
R123395	1E24	1	0417 - 2
R123395	1H19	1	0417A - 1
R123395	1H20	1	0417A - 2
R123413	1F17	1	0429 - 4
R123413	1I11	1	0429A - 4
R123417	1E23	13	0417 - 1
R123417	1E24	13	0417 - 2
R123417	1F25	21	0452 - 3
R123417	1H19	13	0417A - 1
R123417	1H20	13	0417A - 2
R123417	1I19	21	0452A - 3
R123432	1F19	5	0429 - 7
R123437	1F19	5	0429 - 7
R123471	1F4	5	0419 - 3
R123471	1H25	5	0419A - 3
R123474	1D25	3	0407 - 2
R123486	1F20	2	0429 - 8
R123486	1I14	2	0429A - 8
R123501	1F4	3	0419 - 3
R123501	1F25	23	0452 - 3
R123501	1H25	3	0419A - 3
R123501	1I19	23	0452A - 3
R123502	1F4	8	0419 - 3
R123502	1F25	31	0452 - 3
R123504	1E1	8	0407 - 3
R123504	1F25	24	0452 - 3

NUMERICAL INDEX - CONTINUED

PART NO.	GRID	KEY	PAGE
R123504	1G22	8	0407A - 4
R123504	1I19	24	0452A - 3
R123513	1D17	2	0402 - 5
R123513	1G12	2	0402A - 5
R123525	1F25	25	0452 - 3
R123525	1I19	25	0452A - 3
R123542	1D16	7	0402 - 4
R123542	1F23	1	0452 - 1
R123542	1F25	1	0452 - 3
R123542	1G11	7	0402A - 4
R123542	1I17	1	0452A - 1
R123542	1I19	1	0452A - 3
R123561	1D11	5	0401 - 1
R123561	1G6	5	0401A - 1
R123562	1D11	6	0401 - 1
R123562	1G6	6	0401A - 1
R123563	1D11	8	0401 - 1
R123563	1G6	8	0401A - 1
R123564	1D11	9	0401 - 1
R123564	1G6	9	0401A - 1
R123565	1D17	10	0402 - 5
R123565	1G12	10	0402A - 5
R123570	1E19	1	0416 - 1
R123570	1E22	1	0416 - 4
R123570	1F23	6	0452 - 1
R123570	1F25	6	0452 - 3
R123570	1H15	1	0416A - 1
R123570	1H18	1	0416A - 4
R123570	1I17	6	0452A - 1
R123570	1I19	6	0452A - 3
R123574	1D16	2	0402 - 4
R123574	1G11	2	0402A - 4
R123575	1D16	3	0402 - 4
R123575	1F23	7	0452 - 1
R123575	1F25	7	0452 - 3
R123575	1G11	3	0402A - 4
R123575	1I17	7	0452A - 1
R123575	1I19	7	0452A - 3
R123584	1D13	18	0402 - 3
R123584	1D15	18	0402 - 3B
R123584	1G8	18	0402A - 3
R123584	1G10	18	0402A - 3B
R123589	1F2	12	0418 - 3
R123591	1D25	4	0407 - 2
R123591	1E2	7	0407 - 3A
R123591	1G23	7	0407A - 5
R123593	1E15	2	0413 - 3
R123593	1H11	2	0413A - 3
R123616	1D22	28	0404 - 3
R123616	1G17	28	0404A - 3
R123619	1J8	16	0515 - 3
R126086	1F8	11	0420 - 5
R126086	1I4	11	0420A - 5
R126086	1K4	13	0560 - 9
R128660	1F16	5	0429 - 3
R128660	1I10	5	0429A - 3
R130886	1H3	7A	0407A - 10
R131182	1D22	21	0404 - 3
R131182	1G17	21	0404A - 3
R131206	1D11	16	0401 - 1
R131283	1D11	16	0401 - 1
R131283	1D11	19	0401 - 1
R131283	1G6	16	0401A - 1
R131283	1G6	19	0401A - 1
R131425	1D13	13	0402 - 3
R131425	1G8	13	0402A - 3
R131530	1F2	7	0418 - 3
R131768	1F22	3	0433 - 2
R131768	1I16	3	0433A - 2
R132166	1F14	4	0423 - 3
R132166	1I8	4	0423A - 3
R132167	1F14	8	0423 - 3
R132167	1I8	8	0423A - 3
R132168	1F16	11	0429 - 3
R132168	1I10	11	0429A - 3
R132186	1D22	20	0404 - 3
R132186	1G17	20	0404A - 3
R132267	1E15	27	0413 - 3
R132267	1H11	27	0413A - 3
R132509	1E12	1	0410 - 2
R132509	1H8	1	0410A - 2
R132518	1D22	7	0404 - 3
R132518	1G17	7	0404A - 3
R132874	1E15	28	0413 - 3
R132874	1H11	28	0413A - 3
R133295	1F20	1	0429 - 8
R133295	1I14	1	0429A - 8
R133303	1D18	3	0402 - 6
R133303	1G13	3	0402A - 6
R133303	1H14	14	0415A - 3
R133405	1F9	5	0421 - 2
R133405	1F10	5	0421 - 3
R133812	1D18	2	0402 - 6
R133812	1G13	2	0402A - 6
R133893	1F23	10A	0452 - 1
R133893	1I17	10A	0452A - 1
R134240	1E7	3	0407 - 8
R134240	1H3	8	0407A - 10
R134358	1E18	2A	0415 - 3
R134518	1D13	19	0402 - 3
R134518	1D15	19	0402 - 3B
R134518	1D20	1	0404 - 1
R134518	1G10	19	0402A - 3B
R134518	1G15	1	0404A - 1
R134527	1D20	2	0404 - 1
R134527	1G15	2	0404A - 1
R134531	1D13	2	0402 - 3
R134531	1G8	2	0402A - 3
R134552	1E7	4	0407 - 8
R134552	1H3	2	0407A - 10
R134570	1D25	3	0407 - 2
R134775	1F16	1	0429 - 3
R134775	1I10	1	0429A - 3
R135177	1F4	11A	0419 - 3
R135177	1H25	11A	0419A - 3
R135270	1E1	6	0407 - 3
R135271	1E1	7	0407 - 3
R135439	1D18	1	0402 - 6
R135439	1D18	4	0402 - 6
R135439	1G13	1	0402A - 6
R135439	1G13	4	0402A - 6
R135509	1F12	4	0422 - 3
R135509	1I6	4	0422A - 3
R135510	1F12	5	0422 - 3
R135510	1I6	5	0422A - 3
R135749	1E7	1	0407 - 8
R135749	1H3	9	0407A - 10
R135896	1F23	3	0452 - 1
R135896	1I17	3	0452A - 1
R135916	1E1	4	0407 - 3
R135918	1F21	1	0433 - 1
R135918	1F22	1	0433 - 2
R135918	1I15	1	0433A - 1
R135918	1I16	1	0433A - 2
R136475	1D20	3	0404 - 1
R136475	1G15	3	0404A - 1
R136495	1E6	3	0407 - 7
R136495	1H2	3	0407A - 9
R136516	1D13	1	0402 - 3
R136516	1D15	1	0402 - 3B
R136516	1F25	22	0452 - 3
R136516	1G8	1	0402A - 3
R136516	1G10	1	0402A - 3B
R136516	1I19	22	0452A - 3
R206883	1I22	5	0505 - 2
R26125	1E11	4	0409 - 3
R26125	1H7	4	0409A - 3
R26286	1E15	17	0413 - 3
R26286	1F6	3	0420 - 3
R26286	1H11	17	0413A - 3
R26286	1I2	3	0420A - 3
R26409	2F14	21	1830 - 12
R26448	3C18	1	3315 - 21
R26448	3C20	3	3315 - 21B
R26448	3C22	13	3315 - 23
R26448	3H6	1	3360 - 105
R26448	3H6	5	3360 - 105
R26448	3H8	16	3360 - 107
R26448	3H24	5	3360 - 121
R26493	1D22	11	0404 - 3
R26493	1G17	11	0404A - 3
R26552	1C9	15	0260 - 9
R26650	1D22	13	0404 - 3
R26650	1G17	13	0404A - 3
R26906	1E11	6	0409 - 3
R26906	1H7	6	0409A - 3
R27149	3G12	17A	3360 - 81
R27212	2I10	10	2160 - 29
R27212	3C20	4	3315 - 21B
R27212	3C22	14	3315 - 23
R27212	3H6	8	3360 - 105
R27212	3H8	8	3360 - 107
R27212	3H24	8	3360 - 121
R28811	1F21	2	0433 - 1
R28811	1I15	2	0433A - 1
R29424	3D14	5	3360 - 11
R29424	3H22	21	3360 - 119
R31147	3C20	21	3315 - 21B
R31147	3H8	30	3360 - 107
R32011	2C12	8	1674 - 33
R32016	2C12	10	1674 - 33
R32017	2C12	11	1674 - 33
R32018	2C12	12	1674 - 33
R32019	2C12	13	1674 - 33
R32021	2C12	14	1674 - 33
R32022	2C12	15	1674 - 33
R32023	2C12	16	1674 - 33
R32026	2C12	17	1674 - 33
R32027	2C12	18	1674 - 33
R32028	2C12	19	1674 - 33
R32029	2C12	20	1674 - 33
R375R	3H20	27	3360 - 117
R375R	3K8	12	4360 - 13
R39741	1D22	22	0404 - 3
R39741	1D22	25	0404 - 3
R39741	1G17	22	0404A - 3
R39741	1G17	25	0404A - 3
R42729	1D17	6	0402 - 5
R42729	1G12	6	0402A - 5
R43409	1E11	9	0409 - 3
R43409	1H7	9	0409A - 3

NUMERICAL INDEX - CONTINUED

PART NO.	GRID	KEY	PAGE
R44302	1I22	8	0505 - 2
R44302	1I24	18	0505 - 5
R44302	2I10	21	2160 - 29
R44302	3H2	8	3360 - 103
R44302	3H2	16	3360 - 103
R44302	3H4	8	3360 - 103B
R44302	3H8	17	3360 - 107
R44302	3H10	4	3360 - 109
R44302	3H12	4	3360 - 109B
R44302	3H24	18	3360 - 121
R47154	1E4	5	0407 - 5
R47154	1G25	5	0407A - 7
R47160	1I24	8A	0505 - 5
R47160	1I24	9	0505 - 5
R47693	1I22	5	0505 - 2
R48000	1E13	8	0413 - 1
R48000	1H9	8	0413A - 1
R48685	1D11	1	0401 - 1
R48685	1D22	1	0404 - 3
R48685	1G6	1	0401A - 1
R48685	1G17	1	0404A - 3
R500001	1D16	8	0402 - 4
R500001	1G11	8	0402A - 4
R500270	1F9	7	0421 - 2
R500270	1F10	7	0421 - 3
R500271	1F9	6	0421 - 2
R500271	1F10	6	0421 - 3
R500293	1F21	3	0433 - 1
R500293	1I15	3	0433A - 1
R500320	1F19	1	0429 - 7
R500320	1I13	1	0429A - 7
R500321	1F16	14	0429 - 3
R500321	1I10	14	0429A - 3
R500335	1D19	3	0403 - 2
R500335	1G14	3	0403A - 2
R500352	1F19	3	0429 - 7
R500363	1D11	15	0401 - 1
R500374	1F25	32	0452 - 3
R500374	1G21	1	0407A - 3
R500374	1I19	32	0452A - 3
R500390	1E13	8	0413 - 1
R500390	1H9	8	0413A - 1
R500453	1H3	7A	0407A - 10
R500471	1H23	2	0418A - 3
R500472	1H23	7	0418A - 3
R500500	1D19	1	0403 - 2
R500650	1E18	2A	0415 - 3
R500650	1E18	2B	0415 - 3
R500650	1H14	2	0415A - 3
R500704	1H23	13	0418A - 3
R501124	1D19	1	0403 - 2
R501124	1G14	1	0403A - 2
R501227	1H23	4	0418A - 3
R501228	1H23	1	0418A - 3
R501373	1F2	6	0418 - 3
R501373	1F23	9	0452 - 1
R501373	1F25	9	0452 - 3
R501373	1I17	9	0452A - 1
R501373	1I19	9	0452A - 3
R501428	1F4	8	0419 - 3
R501428	1F25	31	0452 - 3
R501428	1H25	8	0419A - 3
R501428	1I19	31	0452A - 3
R501436	1E2	5	0407 - 3A
R501436	1G22	4	0407A - 4
R501436	1G23	5	0407A - 5
R501439	1E2	1	0407 - 3A
R501439	1G23	1	0407A - 5
R501486	2B4	5B	1672 - 2
R502014	1F16	12	0429 - 3
R502014	1I10	12	0429A - 3
R502076	1E15	20	0413 - 3
R502076	1H11	20	0413A - 3
R502079	1F19	3	0429 - 7
R502079	1I13	3	0429A - 7
R502465	1H3	7A	0407A - 10
R502725	1E7	3	0407 - 8
R502725	1H3	8	0407A - 10
R502811	1F4	11A	0419 - 3
R502811	1F4	11B	0419 - 3
R502811	1H25	11B	0419A - 3
R502814	1F23	3	0452 - 1
R502814	1I17	3	0452A - 1
R502867	1E5	6	0407 - 6
R503509	1E24	16	0417 - 2
R503509	1H20	16	0417A - 2
R503813	1F16	15	0429 - 3
R503813	1I10	15	0429A - 3
R504725	1D13	2	0402 - 3
R504725	1D15	2	0402 - 3B
R504725	1G8	2	0402A - 3
R504725	1G10	2	0402A - 3B
R504734	1F4	18	0419 - 3
R504734	1H25	18	0419A - 3
R504762	1F17	1	0429 - 4
R504762	1I11	1	0429A - 4
R505462	1D13	2	0402 - 3
R505462	1G8	2	0402A - 3
R505609	1D11	2	0401 - 1
R505609	1G6	2	0401A - 1
R50647	2G11	42	1910 - 11
R51936	1E15	31	0413 - 3
R51936	1H11	31	0413A - 3
R53108	1F25	26	0452 - 3
R53108	1I19	26	0452A - 3
R54114	1D19	4	0403 - 2
R54114	1G14	4	0403A - 2
R54123	1I22	4	0505 - 2
R54510	1I22	2	0505 - 2
R54511	1I22	3	0505 - 2
R54565	1D17	1	0402 - 5
R54565	1G12	1	0402A - 5
R54638	1F2	6	0418 - 3
R54638	1F23	9	0452 - 1
R54638	1F25	9	0452 - 3
R55233	1D22	4	0404 - 3
R55233	1G17	4	0404A - 3
R56462	1E2	2	0407 - 3A
R56462	1G22	5	0407A - 4
R56462	1G23	2	0407A - 5
R56551	1E16	2	0414 - 1
R56551	1H12	2	0414A - 1
R56902	1K7	1	1320 - 3
R61105	1F4	9	0419 - 3
R61105	1F25	29	0452 - 3
R61105	1H25	9	0419A - 3
R61105	1I19	29	0452A - 3
R61467	1F22	7	0433 - 2
R61467	1I16	7	0433A - 2
R61871	1E5	9	0407 - 6
R61871	1F23	16	0452 - 1
R61871	1F25	16	0452 - 3
R61871	1H1	9	0407A - 8
R61871	1I17	16	0452A - 1
R61871	1I19	16	0452A - 3
R63548	1E19	8	0416 - 1
R63548	1E21	2	0416 - 3
R63548	1E22	8	0416 - 4
R63548	1H15	8	0416A - 1
R63548	1H17	2	0416A - 3
R63548	1H18	8	0416A - 4
R65593	2C12	2	1674 - 33
R65594	2C12	9	1674 - 33
R65595	2C12	21	1674 - 33
R65596	2C12	22	1674 - 33
R65597	2C12	23	1674 - 33
R65598	2C12	24	1674 - 33
R65599	2C12	25	1674 - 33
R65600	2C12	26	1674 - 33
R65601	2C12	27	1674 - 33
R65602	2C12	28	1674 - 33
R65603	2C12	29	1674 - 33
R65604	2C12	30	1674 - 33
R65605	2C12	31	1674 - 33
R65606	2C12	32	1674 - 33
R65607	2C12	33	1674 - 33
R65608	2C12	3	1674 - 33
R65609	2C12	6	1674 - 33
R65610	2C12	7	1674 - 33
R66319	2C12	1	1674 - 33
R66320	2C12	5	1674 - 33
R66321	2C12	4	1674 - 33
R67364	1E15	19	0413 - 3
R67364	1H11	19	0413A - 3
R69667	3D12	4	3360 - 9
R69667	3D14	3	3360 - 11
R69667	3D14	11	3360 - 11
R69667	3D16	3	3360 - 13
R69667	3D18	8	3360 - 15
R69667	3D20	3	3360 - 17
R71799	3H2	5	3360 - 103
R71799	3H4	5	3360 - 103B
R71963	1E13	2	0413 - 1
R71963	1H9	2	0413A - 1
R72328	1E1	5	0407 - 3
R72328	1E9	2	0408 - 3
R72328	1F25	27	0452 - 3
R72328	1H5	2	0408A - 3
R72328	1I19	27	0452A - 3
R72853	1H18	13	0416A - 4
R74012	1F6	2	0420 - 3
R74012	1I2	2	0420A - 3
R75892	1D22	16	0404 - 3
R75892	1F23	14	0452 - 1
R75892	1F25	14	0452 - 3
R75892	1G17	16	0404A - 3
R75892	1I17	14	0452A - 1
R75892	1I19	14	0452A - 3
R78047	2C10	3	1674 - 31
R78048	2C10	10	1674 - 31
R78049	2C10	15	1674 - 31
R78050	2C10	19	1674 - 31
R78051	2C10	24	1674 - 31
R78052	2C10	5	1674 - 31
R78053	1E11	17	0409 - 3
R78053	1H7	17	0409A - 3
R78053	2C10	13	1674 - 31
R78054	2C10	17	1674 - 31
R78055	2C10	22	1674 - 31
R78056	2C10	26	1674 - 31
R78057	2C10	2	1674 - 31

NUMERICAL INDEX - CONTINUED

PART NO.	GRID	KEY	PAGE
R78058	2C10	23	1674 - 31
R78059	2C10	1	1674 - 31
R78060	2C10	2	1674 - 31
R78060	2C10	9	1674 - 31
R78061	2C10	6	1674 - 31
R78061	2C10	23	1674 - 31
R78062	2C10	1	1674 - 31
R78063	2C10	1	1674 - 31
R78063	2C10	7	1674 - 31
R78064	1E11	18	0409 - 3
R78064	1H7	18	0409A - 3
R78064	2C10	27	1674 - 31
R79604	1E13	4	0413 - 1
R79604	1H9	4	0413A - 1
R79605	1E13	3	0413 - 1
R79605	1H9	3	0413A - 1
R81275	1E16	9	0414 - 1
R81275	1F23	10	0452 - 1
R81275	1F25	10	0452 - 3
R81275	1H12	9	0414A - 1
R81275	1I17	10	0452A - 1
R81275	1I19	10	0452A - 3
R81911	1I25	1	0510 - 1
R83169	1D13	12	0402 - 3
R83169	1G8	12	0402A - 3
R85363	1E11	1	0409 - 3
R85363	1H7	1	0409A - 3
R85687	1E11	8	0409 - 3
R85687	1H7	8	0409A - 3
R89944	1E15	20	0413 - 3
R89944	1E25	6	0417 - 3
R89944	1F25	28	0452 - 3
R89944	1H21	6	0417A - 3
R89944	1I19	28	0452A - 3
R90658	1E12	2	0410 - 2
R90658	1F23	2	0452 - 1
R90658	1F25	2	0452 - 3
R90658	1H8	2	0410A - 2
R90658	1I17	2	0452A - 1
R90658	1I19	2	0452A - 3
R90692	1E11	10	0409 - 3
R90692	1H7	10	0409A - 3
R91360	1E15	29	0413 - 3
R91360	1H11	29	0413A - 3
R91692	1D13	15	0402 - 3
R91692	1G8	15	0402A - 3
R91889	1E11	2	0409 - 3
R91889	1H7	2	0409A - 3
R92097	1E21	6	0416 - 3
R92097	1F23	11	0452 - 1
R92097	1F25	11	0452 - 3
R92097	1H17	6	0416A - 3
R92097	1I17	11	0452A - 1
R92097	1I19	11	0452A - 3
R92352	1E13	7	0413 - 1
R92352	1H9	7	0413A - 1
R93910	1E11	8	0409 - 3
R93910	1H7	8	0409A - 3
R94350	2B4	5A	1672 - 2
R94351	2B4	6	1672 - 2
R96703	1F12	2	0422 - 3
R96703	1I6	2	0422A - 3
R97185	1E5	8	0407 - 6
R97185	1F23	15	0452 - 1
R97185	1F25	15	0452 - 3
R97185	1H1	8	0407A - 8
R97185	1I17	15	0452A - 1
R97185	1I19	15	0452A - 3
R98062	1E11	11	0409 - 3
R98062	1H7	11	0409A - 3
R98063	1E11	8	0409 - 3
R98063	1H7	8	0409A - 3
R98335	1E11	8	0409 - 3
R98335	1H7	8	0409A - 3
R99052	3E24	4	3360 - 45
R99052	3E24	35	3360 - 45
SE500750	1E15	22	0413 - 3
SE500750	1H11	22	0413A - 3
SE500826	1H9	10	0413A - 1
TF1U3302D	3B21	4K	3302 - 13
TF220	3B21	4A	3302 - 13
TF290	3B21	4A	3302 - 13
TH0314205	3F8	8	3360 - 53
TH100029	3J25	13	4360 - 5
TH100044	1K9	..	1369 - 3
TH100050	1C11	2	0260 - 11
TH100055	1C21	6A	0260 - 21
TH100055	1C21	7A	0260 - 21
TH100055	1K9	..	1369 - 3
TH100055	2I6	15A	2160 - 25
TH100055	3D6	17A	3360 - 3
TH100055	3D10	1A	3360 - 7
TH100055	3D10	2A	3360 - 7
TH100055	3D18	16A	3360 - 15
TH100055	3D18	17A	3360 - 15
TH100055	3D24	20	3360 - 21
TH100055	3E2	20	3360 - 23
TH100055	3E4	20	3360 - 25
TH100055	3E6	20	3360 - 27
TH100055	3F8	13	3360 - 53
TH100055	3H14	5A	3360 - 111
TH100055	3H18	1A	3360 - 115
TH100055	3H18	32A	3360 - 115
TH100055	3H18	33A	3360 - 115
TH100055	3H18	53A	3360 - 115
TH100055	3H20	24	3360 - 117
TH100055	3I5	20A	3401 - 3
TH100055	3I7	6A	3401 - 5
TH100055	3I7	7A	3401 - 5
TH100055	3K6	12	4360 - 11
TH100074	2C21	4	1740 - 7
TH100074	3C24	7E	3340 - 3
TH100074	3C24	10	3340 - 3
TH100074	3C24	12	3340 - 3
TH100074	3C24	13	3340 - 3
TH100074	3C24	14	3340 - 3
TH100074	3C24	15	3340 - 3
TH100074	3C24	16	3340 - 3
TH100074	3C24	23	3340 - 3
TH100074	3D2	7E	3340 - 5
TH100074	3D2	10	3340 - 5
TH100074	3D2	12	3340 - 5
TH100074	3D2	13	3340 - 5
TH100074	3D2	14	3340 - 5
TH100074	3D2	15	3340 - 5
TH100074	3D2	16	3340 - 5
TH100074	3D2	23	3340 - 5
TH100074	3G14	39	3360 - 85
TH100074	3G16	39	3360 - 89
TH100074	3G18	41	3360 - 93
TH100074	3G20	26	3360 - 97
TH100074	3J2	25	3401 - 25
TH100074	3J4	25	3401 - 25B
TH100074	3J6	25	3401 - 25D
TH100074	3J8	25	3401 - 27
TH100074	3J10	25	3401 - 27B
TH100074	3J12	25	3401 - 27D
TH100096	3J14	11	3401 - 29
TH100136	1K9	..	1369 - 3
TH100136	3D24	90J	3360 - 21
TH100136	3E4	90J	3360 - 25
TH100136	3E8	74B	3360 - 29
TH100136	3E12	74B	3360 - 33
TH100346	3B11	4	3302 - 3
TH100346	3B15	4	3302 - 7
TH100346	3B17	4	3302 - 9
TH100347	3B11	8	3302 - 3
TH100347	3B15	8	3302 - 7
TH100347	3B17	8	3302 - 9
TH100348	3B11	6	3302 - 3
TH100348	3B15	6	3302 - 7
TH100348	3B17	6	3302 - 9
TH100349	3B11	7	3302 - 3
TH100349	3B15	7	3302 - 7
TH100349	3B17	7	3302 - 9
TH100369	3C24	0G	3340 - 3
TH100369	3D2	0G	3340 - 5
TH100374	3C24	1	3340 - 3
TH100374	3C24	2	3340 - 3
TH100374	3C24	7B	3340 - 3
TH100374	3C24	34	3340 - 3
TH100374	3C24	35	3340 - 3
TH100374	3D2	1	3340 - 5
TH100374	3D2	2	3340 - 5
TH100374	3D2	7B	3340 - 5
TH100374	3D2	31	3340 - 5
TH100374	3D2	41	3340 - 5
TH100374	3G16	24	3360 - 89
TH100374	3G18	25	3360 - 93
TH100374	3G20	25	3360 - 97
TH100434	1B8	7	0130 - 7
TH100434	1B16	8	0130 - 15
TH100434	1J22	3	0560 - 3
TH100434	2I4	21	2160 - 23
TH100483	2H13	6	2160 - 7
TH100483	2H13	16	2160 - 7
TH100483	2H15	6	2160 - 9
TH100483	2H15	16	2160 - 9
TH100553	2C17	18	1740 - 3
TH100553	2C17	19	1740 - 3
TH100627	2C19	2	1740 - 5
TH100634	2C19	3	1740 - 5
TH100648	1C5	34	0260 - 5
TH100648	1J22	8	0560 - 3
TH100653	3J23	37	4360 - 3
TH100667	3D4	2	3344 - 3
TH100675	2I4	23	2160 - 23
TH100679	2I4	13	2160 - 23
TH100689	3D2	49	3340 - 5
TH100771	3E8	74C	3360 - 29
TH100771	3E12	74C	3360 - 33
TH100786	3K8	10	4360 - 13
TH100791	3E14	69E	3360 - 35
TH100951	1C21	23	0260 - 21
TH100951	3F12	16	3360 - 57
TH100951	3F14	0	3360 - 59
TH100951	3F16	16	3360 - 61
TH100951	3G8	10	3360 - 77
TH100951	3I15	24	3401 - 13
TH100963	3G22	8	3360 - 99
TH100963	3G24	35	3360 - 101

NUMERICAL INDEX - CONTINUED

PART NO.	GRID	KEY	PAGE
TH100968	3G12	25	3360 - 81
TH100968	3H22	11	3360 - 119
TH101006	3D10	8	3360 - 7
TH101008	1C21	16	0260 - 21
TH101008	3F10	7	3360 - 55
TH101008	3G8	1	3360 - 77
TH101047	3D10	5	3360 - 7
TH101047	3F10	19	3360 - 55
TH101047	3F10	34	3360 - 55
TH101047	3F10	35	3360 - 55
TH101047	3F18	13	3360 - 63
TH101047	3G4	8	3360 - 73
TH101047	3G6	8	3360 - 75
TH101047	3G8	20	3360 - 77
TH101047	3G10	4	3360 - 79
TH101047	3I15	4	3401 - 13
TH101184	2D25	12	1810 - 23
TH101300	1K9	..	1369 - 3
TH101300	3H14	3	3360 - 111
TH101300	3H20	25	3360 - 117
TH101314	3D4	22	3344 - 3
TH101315	3D4	23	3344 - 3
TH101388	3G24	38	3360 - 101
TH101391	3G24	36	3360 - 101
TH101479	3E2	9	3360 - 23
TH101479	3E6	9	3360 - 27
TH101479	3E18	9	3360 - 39
TH101486	3H20	34	3360 - 117
TH101486	3K6	13	4360 - 11
TH101490	1C9	32A	0260 - 9
TH101490	1K9	..	1369 - 3
TH101490	3D24	16	3360 - 21
TH101490	3E2	17	3360 - 23
TH101490	3E2	41E	3360 - 23
TH101490	3E4	16	3360 - 25
TH101490	3E6	16	3360 - 27
TH101490	3F4	19	3360 - 49
TH101503	3K10	13	4360 - 15
TH101588	3G24	34	3360 - 101
TH101821	2H15	62	2160 - 9
TH101835	2H17	56	2160 - 11
TH101835	2H19	56	2160 - 13
TH101835	2H21	38	2160 - 15
TH101835	2H23	38	2160 - 17
TH101883	2I4	7	2160 - 23
TH101887	2I4	6	2160 - 23
TH101894	2I4	24A	2160 - 23
TH101915	3D6	9	3360 - 3
TH101923	3D6	4	3360 - 3
TH101926	1C9	6	0260 - 9
TH101926	1K9	..	1369 - 3
TH101930	3F20	44	3360 - 65
TH101930	3F22	1	3360 - 67
TH101930	3F22	4	3360 - 67
TH101930	3H16	44	3360 - 113
TH101930	3I13	7	3401 - 11
TH101930	3I17	5	3401 - 15
TH101930	3I25	5	3401 - 23
TH102073	1J8	6B	0515 - 3
TH102073	3J20	10	3415 - 3
TH102161	1J6	0	0510 - 7
TH102171	2E6	3	1810 - 29
TH102181	2H13	32	2160 - 7
TH102181	2H15	32	2160 - 9
TH102247	2G11	61B	1910 - 11
TH102359	1B8	8	0130 - 7
TH102536	2B7	6	1674 - 3
TH102560	2H17	64A	2160 - 11
TH102560	2H19	64A	2160 - 13
TH102560	2H21	7	2160 - 15
TH102560	2H23	7	2160 - 17
TH102561	3F6	2	3360 - 51
TH102561	3F10	18	3360 - 55
TH102561	3J14	15	3401 - 29
TH102562	2H21	8	2160 - 15
TH102562	2H23	8	2160 - 17
TH102562	3J14	16	3401 - 29
TH102567	2H21	16	2160 - 15
TH102567	2H23	16	2160 - 17
TH102655	3E10	66	3360 - 31
TH102655	3E12	45K	3360 - 33
TH102697	3F4	15	3360 - 49
TH102697	3F8	10	3360 - 53
TH102697	3J18	11	3401 - 33
TH102706	1K9	..	1369 - 3
TH102793	2I4	19	2160 - 23
TH102932	1J6	0A	0510 - 7
TH102933	1J6	0B	0510 - 7
TH102992	1K9	..	1369 - 3
TH102992	3D6	7	3360 - 3
TH103446	1K9	..	1369 - 3
TH103574	1K9	..	1369 - 3
TH103574	3D24	90I	3360 - 21
TH103574	3E4	90I	3360 - 25
TH103574	3E12	45D	3360 - 33
TH103574	3E16	75D	3360 - 37
TH103574	3G14	29	3360 - 85
TH103574	3G16	29	3360 - 89
TH103574	3G20	29	3360 - 97
TH103576	1C11	12	0260 - 11
TH103619	3B11	5	3302 - 3
TH103619	3B15	5	3302 - 7
TH103619	3B17	5	3302 - 9
TH103791	2B19	1I	1674 - 15
TH104056	2B15	13	1674 - 11
TH104056	2E2	15	1810 - 25
TH104071	3D4	16	3344 - 3
TH104119	2H3	0	2002 - 3
TH104119	2H5	3	2002 - 5
TH104196	2E24	0F	1821 - 5
TH104232	2C21	3	1740 - 7
TH104233	2C21	3	1740 - 7
TH104472	3D4	1	3344 - 3
TH104472	3J2	28	3401 - 25
TH104472	3J4	28	3401 - 25B
TH104472	3J6	28	3401 - 25D
TH104472	3J8	28	3401 - 27
TH104472	3J10	28	3401 - 27B
TH104472	3J12	28	3401 - 27D
TH104634	1K9	..	1369 - 3
TH104755	3H20	30	3360 - 117
TH104755	3K8	16	4360 - 13
TH104930	1K9	..	1369 - 3
TH104930	3G18	32	3360 - 93
TH105593	3D4	20	3344 - 3
TH105683	3F10	0C	3360 - 55
TH105684	2I6	2	2160 - 25
TH105764	3G20	7	3360 - 97
TH105765	3G20	8	3360 - 97
TH105847	3H20	26	3360 - 117
TH105979	3G20	23	3360 - 97
TH106022	3F22	15	3360 - 67
TH106022	3F22	16	3360 - 67
TH106152	3F20	14	3360 - 65
TH106169	3G20	5	3360 - 97
TH106467	3F16	35	3360 - 61
TH106783	2D17	8	1810 - 15
TH106783	2D19	61	1810 - 17
TH106961	1B10	11	0130 - 9
TH106965	3D6	3	3360 - 3
TH106966	3D6	10	3360 - 3
TH108045	3C24	44	3340 - 3
TH108045	3C24	47	3340 - 3
TH108045	3D2	47	3340 - 5
TH108259	3J23	27	4360 - 3
TH108271	3J23	12	4360 - 3
TH108293	2I4	24	2160 - 23
TH108302	3H22	13	3360 - 119
TH108313	3D6	13	3360 - 3
TH108313	3D8	6	3360 - 5
TH108320	3C20	9	3315 - 21B
TH108320	3C22	5	3315 - 23
TH108320	3D10	4	3360 - 7
TH108320	3F20	10	3360 - 65
TH108320	3F20	12	3360 - 65
TH108320	3F20	43	3360 - 65
TH108320	3F24	5	3360 - 69
TH108320	3G10	1	3360 - 79
TH108320	3H6	10	3360 - 105
TH108320	3H8	11	3360 - 107
TH108320	3H16	15	3360 - 113
TH108320	3I19	3	3401 - 17
TH108328	1C21	22	0260 - 21
TH108328	3F12	1	3360 - 57
TH108328	3F12	3	3360 - 57
TH108328	3F16	13	3360 - 61
TH108328	3F16	15	3360 - 61
TH108328	3F16	25	3360 - 61
TH108328	3G8	11	3360 - 77
TH108328	3H16	1	3360 - 113
TH108333	3D12	7	3360 - 9
TH108333	3G12	24	3360 - 81
TH108333	3I7	29	3401 - 5
TH108333	3I19	12	3401 - 17
TH108341	3D12	5	3360 - 9
TH108341	3D14	2	3360 - 11
TH108341	3D14	10	3360 - 11
TH108341	3D16	2	3360 - 13
TH108341	3D18	1	3360 - 15
TH108341	3D20	1	3360 - 17
TH108350	3C24	31	3340 - 3
TH108350	3D2	33	3340 - 5
TH108350	3D12	14	3360 - 9
TH108350	3I5	14	3401 - 3
TH108350	3I7	27	3401 - 5
TH108350	3I9	12	3401 - 7
TH108350	3I9	19	3401 - 7
TH108384	3C14	0	3315 - 17
TH108385	3C14	6	3315 - 17
TH108392	3C16	12	3315 - 19
TH108400	3F10	27	3360 - 55
TH108401	3I5	8	3401 - 3
TH108401	3I5	15	3401 - 3
TH108401	3I7	26	3401 - 5
TH108401	3I19	21	3401 - 17
TH108417	3F18	49	3360 - 63
TH108417	3F24	2	3360 - 69
TH108417	3G8	18	3360 - 77
TH108417	3G8	19	3360 - 77
TH108417	3G8	35	3360 - 77
TH108417	3I13	5	3401 - 11

NUMERICAL INDEX - CONTINUED

PART NO.	GRID	KEY	PAGE
TH108417	3I15	31	3401 - 13
TH108417	3I17	6	3401 - 15
TH108417	3I25	2	3401 - 23
TH108440	3C18	20	3315 - 21
TH108440	3C20	11	3315 - 21B
TH108440	3C22	3	3315 - 23
TH108440	3F18	29	3360 - 63
TH108459	2B21	14	1674 - 17
TH108460	2B17	20	1674 - 13
TH108460	2B21	9	1674 - 17
TH108468	3G4	19	3360 - 73
TH108567	2D9	14	1810 - 7
TH108568	2D9	14A	1810 - 7
TH108579	1J6	1	0510 - 7
TH108583	1J22	17	0560 - 3
TH108591	3F18	56	3360 - 63
TH108595	3I5	16	3401 - 3
TH108597	2B21	2	1674 - 17
TH108597	2B21	12	1674 - 17
TH108597	3F10	37	3360 - 55
TH108598	2B13	5	1674 - 9
TH108598	2B21	10	1674 - 17
TH108600	2B21	8	1674 - 17
TH108616	2E10	1	1810 - 33
TH108626	2D19	54	1810 - 17
TH108649	3B11	11	3302 - 3
TH108649	3B15	11	3302 - 7
TH108649	3B17	11	3302 - 9
TH108649	3D4	0B	3344 - 3
TH108661	2D17	14	1810 - 15
TH108661	2D23	3	1810 - 21
TH108668	2D11	41	1810 - 9
TH108668	2D19	31	1810 - 17
TH108672	2D25	10	1810 - 23
TH108673	2D25	11	1810 - 23
TH108769	2G11	61	1910 - 11
TH108793	1K2	3	0560 - 7
TH108793	2B21	13	1674 - 17
TH108833	1C5	15	0260 - 5
TH108840	1C5	22	0260 - 5
TH108854	1B8	2	0130 - 7
TH108869	1B10	7	0130 - 9
TH108870	1B10	8	0130 - 9
TH108872	1B10	6	0130 - 9
TH108899	1B22	9	0130 - 21
TH108899	1B24	9	0130 - 23
TH108899	1B24	11	0130 - 23
TH108930	3C24	0E	3340 - 3
TH108930	3C24	7C	3340 - 3
TH108930	3D2	0E	3340 - 5
TH108930	3D2	7D	3340 - 5
TH108940	3C24	10	3340 - 3
TH108940	3D2	10	3340 - 5
TH108941	3C24	12	3340 - 3
TH108941	3D2	12	3340 - 5
TH108942	3C24	13	3340 - 3
TH108942	3D2	13	3340 - 5
TH108943	3C24	11	3340 - 3
TH108943	3D2	11	3340 - 5
TH108944	3D2	64	3340 - 5
TH108955	3C24	48	3340 - 3
TH108955	3C24	49	3340 - 3
TH108955	3D2	44	3340 - 5
TH108955	3D2	48	3340 - 5
TH108960	3G12	26	3360 - 81
TH108960	3H18	27	3360 - 115
TH108982	2G21	18	1910 - 21
TH108983	2G21	22	1910 - 21
TH109041	3E12	42	3360 - 33
TH109041	3E16	52	3360 - 37
TH109082	3H20	35	3360 - 117
TH109082	3K10	10	4360 - 15
TH109097	2H17	9	2160 - 11
TH109097	2H19	9	2160 - 13
TH109105	2H17	23	2160 - 11
TH109105	2H19	23	2160 - 13
TH109140	3E18	10	3360 - 39
TH109141	3E12	11	3360 - 33
TH109141	3E16	11	3360 - 37
TH109141	3E18	11	3360 - 39
TH109142	3E18	6	3360 - 39
TH109152	3E6	27	3360 - 27
TH109152	3E8	27	3360 - 29
TH109152	3E16	27	3360 - 37
TH109155	3E8	30	3360 - 29
TH109155	3E16	30	3360 - 37
TH109179	3D24	90L	3360 - 21
TH109179	3E4	90L	3360 - 25
TH109201	3E8	74	3360 - 29
TH109201	3E12	74	3360 - 33
TH109212	3C4	1	3315 - 7
TH109213	3C4	2	3315 - 7
TH109214	3C4	3	3315 - 7
TH109216	3C4	5	3315 - 7
TH109217	3C4	6	3315 - 7
TH109218	3C4	7	3315 - 7
TH109219	3C4	8	3315 - 7
TH109228	3C4	15	3315 - 7
TH109229	3C4	18	3315 - 7
TH109230	3C4	24	3315 - 7
TH109232	3C4	27	3315 - 7
TH109244	3C12	11	3315 - 15
TH109280	3F4	3	3360 - 49
TH109281	3F4	4	3360 - 49
TH109285	2B7	7	1674 - 3
TH109285	3D6	16	3360 - 3
TH109285	3F4	14	3360 - 49
TH109285	3F8	9	3360 - 53
TH109285	3G8	26	3360 - 77
TH109297	3G2	11	3360 - 71
TH109299	3G2	1	3360 - 71
TH109311	3G18	4	3360 - 93
TH109312	3G18	5	3360 - 93
TH109314	3G18	7	3360 - 93
TH109315	3G18	8	3360 - 93
TH109318	3G18	11	3360 - 93
TH109322	3G18	16	3360 - 93
TH109324	3G18	19	3360 - 93
TH109337	3G14	36	3360 - 85
TH109337	3G16	36	3360 - 89
TH109372	3G20	4	3360 - 97
TH109374	3G14	11	3360 - 85
TH109374	3G16	11	3360 - 89
TH109374	3G20	11	3360 - 97
TH109376	3G14	16	3360 - 85
TH109376	3G16	16	3360 - 89
TH109376	3G20	14	3360 - 97
TH109378	3G14	19	3360 - 85
TH109378	3G16	19	3360 - 89
TH109378	3G20	17	3360 - 97
TH109386	3G20	35	3360 - 97
TH109389	3G14	33	3360 - 85
TH109389	3G16	33	3360 - 89
TH109396	2C17	17	1740 - 3
TH109445	2F7	9	1830 - 5
TH109445	3F10	30	3360 - 55
TH109466	2H15	61	2160 - 9
TH109468	2H13	55	2160 - 7
TH109468	2H15	55	2160 - 9
TH109489	3J23	4	4360 - 3
TH109514	2I4	35	2160 - 23
TH109540	3D10	1	3360 - 7
TH109540	3I7	6	3401 - 5
TH109598	2B13	1	1674 - 9
TH109598	3F18	37	3360 - 63
TH109649	1J8	13	0515 - 3
TH109649	2B21	8	1674 - 17
TH109649	3G22	15	3360 - 99
TH109649	3J20	12	3415 - 3
TH109649	3J20	37	3415 - 3
TH109830	3H22	7	3360 - 119
TH109873	2H17	32	2160 - 11
TH109873	2H19	32	2160 - 13
TH109874	2H17	29	2160 - 11
TH109874	2H19	29	2160 - 13
TH109875	2H17	33	2160 - 11
TH109875	2H19	33	2160 - 13
TH109876	2H17	34	2160 - 11
TH109876	2H19	34	2160 - 13
TH109878	2H17	36	2160 - 11
TH109878	2H19	36	2160 - 13
TH109881	2H17	44	2160 - 11
TH109881	2H19	44	2160 - 13
TH109892	2H21	2	2160 - 15
TH109892	2H23	2	2160 - 17
TH109893	2H21	3	2160 - 15
TH109893	2H23	3	2160 - 17
TH109898	2H21	12	2160 - 15
TH109898	2H23	12	2160 - 17
TH109899	2H21	13	2160 - 15
TH109910	2H21	21	2160 - 15
TH109910	2H23	21	2160 - 17
TH109911	2H21	20	2160 - 15
TH109911	2H23	20	2160 - 17
TH109913	2H21	36	2160 - 15
TH109913	2H23	36	2160 - 17
TH109914	2H21	40	2160 - 15
TH109914	2H23	40	2160 - 17
TH110207	3F8	1	3360 - 53
TH110253	3G14	20	3360 - 85
TH110253	3G16	20	3360 - 89
TH110253	3G20	18	3360 - 97
TH110315	3E10	64	3360 - 31
TH110463	1C5	9	0260 - 5
TH110478	3D6	17	3360 - 3
TH110478	3H18	33	3360 - 115
TH110478	3H18	53	3360 - 115
TH110492	1C21	6	0260 - 21
TH110492	1C21	7	0260 - 21
TH110492	3D18	16	3360 - 15
TH110522	3I7	35	3401 - 5
TH110578	3I23	3	3401 - 21
TH111010	2I4	4	2160 - 23
TH111021	2I4	11D	2160 - 23
TH111022	2I4	11E	2160 - 23
TH111239	1C5	23	0260 - 5
TH111255	3F18	37	3360 - 63
TH111263	2H21	47	2160 - 15
TH111263	2H23	47	2160 - 17
TH111301	3F10	32	3360 - 55
TH111351	3C12	16	3315 - 15

NUMERICAL INDEX - CONTINUED

PART NO.	GRID	KEY	PAGE
TH111416	3F18	41	3360 - 63
TH111654	3C12	13	3315 - 15
TH111685	3D4	15	3344 - 3
TH111905	3G24	1	3360 - 101
TH111908	2G21	24	1910 - 21
TH111963	3C12	7B	3315 - 15
TH112085	1C9	5	0260 - 9
TH112088	2H13	37	2160 - 7
TH112088	2H15	37	2160 - 9
TH4282194	3I25	1	3401 - 23
TH4333391	3I25	7	3401 - 23
TH4350169	3I25	6	3401 - 23
TH4383308	3I25	10	3401 - 23
TH4383309	3J20	31	3415 - 3
TH4384264	3J20	36	3415 - 3
TH4385352	3J20	11	3415 - 3
TH7031042	2G3	10	1910 - 3
TH7031045	2G3	11	1910 - 3
TH7033089	3J20	6	3415 - 3
TH8068766	3J20	30	3415 - 3
TH8069533	3J20	16	3415 - 3
TH9745906	3J20	1	3415 - 3
TH9748549	3J20	38	3415 - 3
TK290	3B21	2	3302 - 13
TPDE31329	3B19	7	3302 - 11
TP160	3B21	2	3302 - 13
TP160L	3B21	2	3302 - 13
TP160L	3B21	4A	3302 - 13
TP160L	3B21	4B	3302 - 13
TP160L	3B21	4C	3302 - 13
TP160L	3B21	4D	3302 - 13
TP160L	3B21	4E	3302 - 13
TP160L	3B21	4F	3302 - 13
TT1U3302	3B21	4N	3302 - 13
TT220	3B21	4F	3302 - 13
TT290	3B21	4F	3302 - 13
TX1U3302WT	3B21	4M	3302 - 13
TX220	3B21	4B	3302 - 13
TX220AP	3B21	4E	3302 - 13
TX220F	3B21	4D	3302 - 13
TX220WT	3B21	4C	3302 - 13
TX290	3B21	4B	3302 - 13
TX290WT	3B21	4C	3302 - 13
TY21517	2C21	5	1740 - 7
TY21517	2C21	6	1740 - 7
TY21766	2B17	2	1674 - 13
TY22450	1E9	3	0408 - 3
TY22450	1H5	3	0408A - 3
TY22462	1J6	5	0510 - 7
TY22464	1K2	2	0560 - 7
TY22464	1K2	13	0560 - 7
TY22470	1E16	1	0414 - 1
TY22470	1H12	1	0414A - 1
TY24322	2B4	1	1672 - 2
TY24398	1K2	0	0560 - 7
TY25803	2B17	2	1674 - 13
TY6304	1D22	24	0404 - 3
TY6304	1G17	24	0404A - 3
T1U3302	3B21	4L	3302 - 13
T101942	1K7	3	1320 - 3
T105943	2F14	12	1830 - 12
T107446	2I8	2	2160 - 27
T10745	2B4	7	1672 - 2
T107736	1C5	17	0260 - 5
T107766	2H17	22	2160 - 11
T107766	2H19	22	2160 - 13
T107771	1C7	26	0260 - 7
T108036	3G18	38	3360 - 93
T108085	1D8	21	0400 - 3
T108085	1D10	21	0400 - 5
T108159	3C12	2	3315 - 15
T109X220	3B21	3	3302 - 13
T110021	3C16	15	3315 - 19
T110446	3J2	10	3401 - 25
T110446	3J4	10	3401 - 25B
T110446	3J6	10	3401 - 25D
T110446	3J8	10	3401 - 27
T110446	3J10	10	3401 - 27B
T110446	3J12	10	3401 - 27D
T110447	3G18	10	3360 - 93
T110447	3J23	3	4360 - 3
T110590	1K9	..	1369 - 3
T110593	1K9	..	1369 - 3
T111819	1C7	35	0260 - 7
T114698	3H2	7	3360 - 103
T114698	3H4	7	3360 - 103B
T114699	3H2	6	3360 - 103
T114699	3H4	6	3360 - 103B
T116057	1J22	2	0560 - 3
T116311	3G14	31	3360 - 85
T116311	3G16	31	3360 - 89
T116334	3G24	40	3360 - 101
T116334	3I11	6	3401 - 9
T116334	3J2	26	3401 - 25
T116334	3J4	26	3401 - 25B
T116334	3J6	26	3401 - 25D
T116334	3J8	26	3401 - 27
T116334	3J10	26	3401 - 27B
T116334	3J12	26	3401 - 27D
T122075	1F4	4	0419 - 3
T122075	1F25	30	0452 - 3
T122075	1H25	4	0419A - 3
T122075	1I19	30	0452A - 3
T127X290	3B21	3	3302 - 13
T13254	1F8	10	0420 - 5
T13254	1I4	10	0420A - 5
T13254	1K4	12	0560 - 9
T13624	3G18	23	3360 - 93
T138508	1C3	4	0260 - 3
T138821	1J14	6	0515 - 9
T138886	1K7	28	1320 - 3
T138910	2I10	14	2160 - 29
T14050	1E15	13	0413 - 3
T14050	1F6	14	0420 - 3
T14050	1H11	13	0413A - 3
T14050	1I2	14	0420A - 3
T141687	3H20	28	3360 - 117
T142651	2G15	34	1910 - 15
T143272	2I10	19	2160 - 29
T144361	2B19	1E	1674 - 15
T144362	2B19	1F	1674 - 15
T145893	1K7	60	1320 - 3
T146102	1F12	3	0422 - 3
T146102	1I6	3	0422A - 3
T146102	1K7	33	1320 - 3
T146103	1K7	33	1320 - 3
T146664	1K7	30	1320 - 3
T146667	1K7	26	1320 - 3
T146668	1K7	25	1320 - 3
T147009	1K7	55	1320 - 3
T149434	3C18	24	3315 - 21
T149434	3C20	14	3315 - 21B
T149434	3C22	1	3315 - 23
T149434	3H2	17	3360 - 103
T149434	3H4	17	3360 - 103B
T149434	3H10	5	3360 - 109
T149434	3H12	5	3360 - 109B
T149983	1K7	32	1320 - 3
T151857	2G17	2	1910 - 17
T152608	3G22	12	3360 - 99
T152657	1K7	34	1320 - 3
T153187	2I10	19	2160 - 29
T153974	2B21	2	1674 - 17
T155858	1I24	9	0505 - 5
T15634	1E18	4	0415 - 3
T157809	1K7	27	1320 - 3
T158020	2D9	25A	1810 - 7
T158021	2D9	25B	1810 - 7
T158455	1K7	12	1320 - 3
T158495	1J16	0D	0520 - 3
T158584	2B4	4	1672 - 2
T159841	1K7	21	1320 - 3
T159842	1K7	6	1320 - 3
T159843	1K7	6	1320 - 3
T159843	3H24	7	3360 - 121
T159844	1K7	21	1320 - 3
T159844	3H24	9	3360 - 121
T159887	1K7	24	1320 - 3
T159888	1K7	23	1320 - 3
T160026	1J14	10	0515 - 9
T160028	1J14	7	0515 - 9
T160538	1K7	10	1320 - 3
T160684	1K7	11	1320 - 3
T160910	1K7	16	1320 - 3
T161534	1K7	14	1320 - 3
T161535	1K7	15	1320 - 3
T161536	1K7	7	1320 - 3
T161537	1K7	19	1320 - 3
T161729	1K7	52	1320 - 3
T161783	1K7	9	1320 - 3
T161784	1K7	13	1320 - 3
T161888	1K7	31	1320 - 3
T161889	1K7	29	1320 - 3
T162516	2I4	11B	2160 - 23
T162754	1K7	24	1320 - 3
T162774	1K7	24	1320 - 3
T163113	1J16	0J	0520 - 3
T163407	1K7	61	1320 - 3
T163496	1K7	31	1320 - 3
T163601	1K7	29	1320 - 3
T163613	1K7	29	1320 - 3
T163997	1K7	64	1320 - 3
T165608	1C17	8	0260 - 17
T165609	1C17	10	0260 - 17
T165610	1C17	14	0260 - 17
T165611	1C17	18	0260 - 17
T165612	1C17	23	0260 - 17
T165613	1C17	31	0260 - 17
T175293	1I24	7A	0505 - 5
T175293	1I24	7B	0505 - 5
T175293	1I24	8A	0505 - 5
T184283	1K7	31	1320 - 3
T184284	1K7	31	1320 - 3
T184858	2C14	4	1674 - 35
T184858	3H24	10	3360 - 121
T188662	3H8	24	3360 - 107
T18891	1D22	26	0404 - 3
T18891	1G17	26	0404A - 3
T191211	2C21	5	1740 - 7
T191211	2C21	6	1740 - 7
T191229	1B22	4	0130 - 21

NUMERICAL INDEX - CONTINUED

PART NO.	GRID	KEY	PAGE
T191229	1B22	11	0130 - 21
T191229	1B24	4	0130 - 23
T191229	1B24	11	0130 - 23
T191230	1B22	6	0130 - 21
T191230	1B22	11	0130 - 21
T191230	1B24	6	0130 - 23
T191230	1B24	11	0130 - 23
T19935	1I22	9	0505 - 2
T20034	1D11	24	0401 - 1
T20034	1G6	24	0401A - 1
T20168	1D22	18	0404 - 3
T20168	1G17	18	0404A - 3
T202379	3H24	20	3360 - 121
T20314	1D17	4	0402 - 5
T20314	1G12	4	0402A - 5
T20316	1D17	3	0402 - 5
T20316	1G12	3	0402A - 5
T203958	2C21	5	1740 - 7
T203958	2C21	6	1740 - 7
T205218	2G21	24	1910 - 21
T205603	3C6	4	3315 - 9
T211450	3I11	0	3401 - 9
T22645	3H24	23	3360 - 121
T23474	1D22	19	0404 - 3
T23474	1G17	19	0404A - 3
T24432	3I5	16	3401 - 3
T24472	1E13	9	0413 - 1
T24472	1H9	9	0413A - 1
T27860	1E15	24	0413 - 3
T27860	1H11	24	0413A - 3
T27860	2F14	5	1830 - 12
T27986	1E16	4	0414 - 1
T27986	1H12	4	0414A - 1
T28583	2C12	34	1674 - 33
T28585	2C12	35	1674 - 33
T28745	1E18	3	0415 - 3
T28862	1E7	7	0407 - 8
T28862	1H3	6	0407A - 10
T29342	1D8	5	0400 - 3
T29342	1D10	5	0400 - 5
T3G6304	3B21	3	3302 - 13
T3G9609	3B21	5	3302 - 13
T32854	3I13	12	3401 - 11
T32854	3I25	15	3401 - 23
T32854	3I25	20	3401 - 23
T34067	2C12	23	1674 - 33
T42713	2G17	1	1910 - 17
T48184	1J14	2	0515 - 9
T55564	2F14	1	1830 - 12
T58477	1E11	6	0409 - 3
T58477	1H7	6	0409A - 3
T59014	1K9	..	1369 - 3
T59014	2I8	3	2160 - 27
T59014	3D14	6	3360 - 11
T59014	3H22	22	3360 - 119
T63817	3H24	21	3360 - 121
T70177	2I10	5	2160 - 29
T74492	1K9	..	1369 - 3
T74693	3J25	14	4360 - 5
T76938	3H22	12	3360 - 119
T77613	1E19	10	0416 - 1
T77613	1E22	10	0416 - 4
T77613	1H15	10	0416A - 1
T77613	1H18	10	0416A - 4
T77613	3C18	0	3315 - 21
T77613	3C18	3	3315 - 21
T77613	3C18	22	3315 - 21
T77613	3H6	1	3360 - 105
T77613	3H6	3	3360 - 105
T77857	1C21	9	0260 - 21
T77857	3C24	32	3340 - 3
T77857	3D2	34	3340 - 5
T77857	3D12	13	3360 - 9
T77857	3D18	18	3360 - 15
T77857	3G12	15	3360 - 81
T77857	3H14	39	3360 - 111
T77857	3H18	39	3360 - 115
T77857	3I5	13	3401 - 3
T77857	3I7	28	3401 - 5
T77857	3I9	18	3401 - 7
T77857	3I19	22	3401 - 17
T77858	2I6	10	2160 - 25
T77858	3G12	14	3360 - 81
T77858	3H14	6	3360 - 111
T77858	3H18	40	3360 - 115
T77858	3H22	9	3360 - 119
T77858	3I5	23	3401 - 3
T77858	3I7	19	3401 - 5
T78313	3D8	1	3360 - 5
T78593	1I24	10	0505 - 5
T78787	3I5	16	3401 - 3
T79477	1J6	4	0510 - 7
T79477	1J6	7	0510 - 7
T79632	1K7	4	1320 - 3
T80394	3H2	10	3360 - 103
T80394	3H4	10	3360 - 103B
T9J2308	3B21	2	3302 - 13
U10778	1K9	..	1369 - 3
U13639	1D22	23	0404 - 3
U13639	1G17	23	0404A - 3
U13639	1I22	6	0505 - 2
U17409	1C11	16	0260 - 11
U17409	1K9	..	1369 - 3
U42323	1J22	13	0560 - 3
U44496	3J25	20	4360 - 5
U46155	1C15	10	0260 - 15
U46166	3C4	11C	3315 - 7
U46166	3C4	12C	3315 - 7
U46370	2C12	36	1674 - 33
U46489	1C9	30A	0260 - 9
U46489	1C11	11	0260 - 11
U46489	1C21	15A	0260 - 21
U46489	1C21	16A	0260 - 21
U46489	1K9	..	1369 - 3
U46489	2H13	53A	2160 - 7
U46489	2H15	53A	2160 - 9
U46489	3C24	31A	3340 - 3
U46489	3D2	33A	3340 - 5
U46489	3D10	8A	3360 - 7
U46489	3D12	14A	3360 - 9
U46489	3D24	22	3360 - 21
U46489	3E2	22	3360 - 23
U46489	3E6	22	3360 - 27
U46489	3E6	23	3360 - 27
U46489	3E16	22	3360 - 37
U46489	3F10	7A	3360 - 55
U46489	3F10	27A	3360 - 55
U46489	3G8	1A	3360 - 77
U46489	3I5	7A	3401 - 3
U46489	3I5	8A	3401 - 3
U46489	3I5	14A	3401 - 3
U46489	3I5	15A	3401 - 3
U46489	3I7	26A	3401 - 5
U46489	3I7	27A	3401 - 5
U46489	3I9	12A	3401 - 7
U46489	3I9	13A	3401 - 7
U46489	3I9	19A	3401 - 7
U46489	3I19	18A	3401 - 17
U46489	3I19	21A	3401 - 17
U46489	3I23	0A	3401 - 21
U46489	3J14	7	3401 - 29
U46489	3J18	13	3401 - 33
U46662	2C12	37	1674 - 33
U46663	2C12	38	1674 - 33
U46664	2C12	39	1674 - 33
WZ2141223	2F7	3	1830 - 5
X0103-4-4	3G22	8	3360 - 99
X0103-4-4	3G24	35	3360 - 101
X8-10F5OX	3D10	8	3360 - 7
0002043	2E8	39	1810 - 31
0002231	2F5	8	1830 - 3
0002289	2B13	0	1674 - 9
0002290	2B15	17	1674 - 11
0002610	2B21	0	1674 - 17
0003100	2F5	8	1830 - 3
0159206	3J14	12	3401 - 29
0189803	3J14	14	3401 - 29
0208717	3F4	15	3360 - 49
0208717	3F8	10	3360 - 53
0208717	3J18	11	3401 - 33
0214223	3E14	69E	3360 - 35
0215221	3H20	34	3360 - 117
0215221	3K6	13	4360 - 11
0215310	3K10	13	4360 - 15
0230908	3H20	30	3360 - 117
0230908	3K8	16	4360 - 13
0240807	3J2	14	3401 - 25
0240807	3J4	14	3401 - 25B
0240807	3J6	14	3401 - 25D
0240807	3J8	14	3401 - 27
0240807	3J10	14	3401 - 27B
0240807	3J12	14	3401 - 27D
0240904	3G18	5	3360 - 93
0254905	3J2	11	3401 - 25
0254905	3J4	11	3401 - 25B
0254905	3J6	11	3401 - 25D
0254905	3J8	11	3401 - 27
0254905	3J10	11	3401 - 27B
0254905	3J12	11	3401 - 27D
0254908	3J2	17	3401 - 25
0254908	3J4	17	3401 - 25B
0254908	3J6	17	3401 - 25D
0254908	3J8	17	3401 - 27
0254908	3J10	17	3401 - 27B
0254908	3J12	17	3401 - 27D
0271304	3G14	5	3360 - 85
0271304	3G16	5	3360 - 89
0271304	3J2	5	3401 - 25
0271304	3J4	5	3401 - 25B
0271304	3J6	5	3401 - 25D
0271304	3J8	5	3401 - 27
0271304	3J10	5	3401 - 27B
0271304	3J12	5	3401 - 27D
0271309	3G14	7	3360 - 85
0271309	3G16	7	3360 - 89
0271310	3G14	8	3360 - 85
0271310	3G16	8	3360 - 89
0294414	3H20	26	3360 - 117
0309401	3E18	10	3360 - 39
0309402	3E12	11	3360 - 33
0309402	3E16	11	3360 - 37

NUMERICAL INDEX - CONTINUED

PART NO.	GRID	KEY	PAGE
0309402	3E18	11	3360 - 39
0309403	3E18	6	3360 - 39
0309413	3E6	27	3360 - 27
0309413	3E8	27	3360 - 29
0309413	3E16	27	3360 - 37
0309416	3E8	30	3360 - 29
0309416	3E16	30	3360 - 37
0309439	3D24	90L	3360 - 21
0309439	3E4	90L	3360 - 25
0309461	3E8	74	3360 - 29
0309461	3E12	74	3360 - 33
0309801	3F4	3	3360 - 49
0309802	3F4	4	3360 - 49
0309805	2B7	7	1674 - 3
0309805	3D6	16	3360 - 3
0309805	3F4	14	3360 - 49
0309805	3F8	9	3360 - 53
0309805	3G8	26	3360 - 77
0309902	3G2	11	3360 - 71
0309904	3G2	1	3360 - 71
0310310	3J2	24	3401 - 25
0310310	3J4	24	3401 - 25B
0310310	3J6	24	3401 - 25D
0310310	3J8	24	3401 - 27
0310310	3J10	24	3401 - 27B
0310310	3J12	24	3401 - 27D
0310510	3G18	19	3360 - 93
0310616	3G20	35	3360 - 97
0310619	3G14	33	3360 - 85
0310619	3G16	33	3360 - 89
0311336	3H20	35	3360 - 117
0311336	3K10	10	4360 - 15
0326007	3G14	20	3360 - 85
0326007	3G16	20	3360 - 89
0326007	3G20	18	3360 - 97
0326007	3J2	18	3401 - 25
0326007	3J4	18	3401 - 25B
0326007	3J6	18	3401 - 25D
0326007	3J8	18	3401 - 27
0326007	3J10	18	3401 - 27B
0326007	3J12	18	3401 - 27D
0332914	3E10	64	3360 - 31
0333803	3F8	1	3360 - 53
0349402	3F8	2	3360 - 53
0352401	3F4	23	3360 - 49
0354613	2I2	31	2160 - 21
0380503	3J18	2	3401 - 33
0387804	3E24	49	3360 - 45
0387804	3E24	50	3360 - 45
0393902	3E16	60	3360 - 37
0396603	3G2	3	3360 - 71
0396604	3G2	8	3360 - 71
0396605	3G2	10	3360 - 71
0407701	3J25	5	4360 - 5
0407703	3J25	7	4360 - 5
0407704	3J25	8	4360 - 5
0407705	3J25	9	4360 - 5
0407706	3J25	10	4360 - 5
0407711	3J25	19	4360 - 5
0407805	3K2	6	4360 - 7
0407807	3K2	8	4360 - 7
0407903	3K4	3	4360 - 9
0408001	3K6	2	4360 - 11
0408004	3K6	10	4360 - 11
0408005	3K6	11	4360 - 11
0408202	2H25	3	2160 - 19
0408202	2I2	7	2160 - 21
0408204	2H25	16	2160 - 19
0408207	2H25	17	2160 - 19
0408411	3E24	5	3360 - 45
0408411	3E24	36	3360 - 45
0408806	3G14	13	3360 - 85
0408806	3G16	13	3360 - 89
0409012	3G18	24	3360 - 93
0409014	3G18	26	3360 - 93
0409016	3G18	30	3360 - 93
0409113	3G20	27	3360 - 97
0409116	3G20	32	3360 - 97
0411803	3E10	61	3360 - 31
0411803	3E14	61	3360 - 35
0411901	3E4	8	3360 - 25
0411901	3E10	8	3360 - 31
0411901	3E18	8	3360 - 39
0412015	3E10	14	3360 - 31
0412015	3E14	14	3360 - 35
0412016	3E10	15	3360 - 31
0412016	3E14	15	3360 - 35
0412202	3E14	10	3360 - 35
0412204	3E14	9	3360 - 35
0412211	3E12	43	3360 - 33
0412211	3E16	43	3360 - 37
0412212	3E12	44	3360 - 33
0412212	3E16	44	3360 - 37
0412407	3E2	84	3360 - 23
0412407	3E6	84	3360 - 27
0415302	2I2	30	2160 - 21
0424901	2I2	3	2160 - 21
0424902	2I2	27	2160 - 21
0424903	2I2	35	2160 - 21
0498503	3H20	17	3360 - 117
0605401	3K8	19	4360 - 13
0614204	3F4	7	3360 - 49
0614207	3F4	8	3360 - 49
0614208	3F4	17	3360 - 49
0620301	3H20	7	3360 - 117
0620302	3H20	8	3360 - 117
0620303	3H20	16	3360 - 117
0620304	3H20	18	3360 - 117
0620305	3H20	19	3360 - 117
0620306	3H20	29	3360 - 117
0620307	3H20	36	3360 - 117
0620308	3H20	37	3360 - 117
0622822	3J14	6	3401 - 29
0625702	3K6	15	4360 - 11
0627910	3H20	38	3360 - 117
0668301	3G2	2	3360 - 71
0668303	3G2	5	3360 - 71
0668304	3G2	9	3360 - 71
0668602	3J25	6	4360 - 5
0668603	3J25	16	4360 - 5
0668604	3J25	17	4360 - 5
0668605	3J25	18	4360 - 5
0668701	3K2	1	4360 - 7
0668702	3K2	2	4360 - 7
0668703	3K2	3	4360 - 7
0668704	3K2	4	4360 - 7
0668705	3K2	5	4360 - 7
0668706	3K2	7	4360 - 7
0668801	3K4	1	4360 - 9
0668802	3K4	2	4360 - 9
0668901	3K6	4	4360 - 11
0668902	3K6	6	4360 - 11
0668903	3K6	8	4360 - 11
0668904	3K6	18	4360 - 11
0669002	3K8	4	4360 - 13
0669003	3K8	5	4360 - 13
0669004	3K8	6	4360 - 13
0669005	3K8	7	4360 - 13
0669006	3K8	8	4360 - 13
0669007	3K8	9	4360 - 13
0669008	3K8	15	4360 - 13
0669009	3K8	18	4360 - 13
0669101	3K10	4	4360 - 15
0669102	3K10	5	4360 - 15
0669103	3K10	6	4360 - 15
0669104	3K10	7	4360 - 15
0669105	3K10	8	4360 - 15
0669106	3K10	12	4360 - 15
0669201	3F4	10	3360 - 49
0669503	3D24	15	3360 - 21
0669503	3E2	16	3360 - 23
0669503	3E4	15	3360 - 25
0669503	3E6	15	3360 - 27
0669504	3D24	17	3360 - 21
0669504	3E4	17	3360 - 25
0669504	3E8	17	3360 - 29
0669505	3D24	19	3360 - 21
0669505	3E4	19	3360 - 25
0669506	3D24	21	3360 - 21
0669506	3E6	21	3360 - 27
0669507	3D24	90A	3360 - 21
0669507	3E4	90A	3360 - 25
0669508	3D24	90B	3360 - 21
0669508	3E4	90B	3360 - 25
0669509	3D24	90C	3360 - 21
0669509	3E4	90C	3360 - 25
0669510	3D24	90D	3360 - 21
0669510	3E4	90D	3360 - 25
0669511	3D24	90E	3360 - 21
0669511	3E4	90E	3360 - 25
0669512	3D24	90G	3360 - 21
0669512	3E4	90G	3360 - 25
0669601	3E2	41	3360 - 23
0669603	3E2	41B	3360 - 23
0669604	3E2	41C	3360 - 23
0669605	3E2	41D	3360 - 23
0669606	3E2	46	3360 - 23
0669606	3E6	46	3360 - 27
0669607	3E2	47	3360 - 23
0669608	3E2	48	3360 - 23
0669608	3E6	48	3360 - 27
0669609	3E2	50	3360 - 23
0669609	3E6	50	3360 - 27
0669610	3E2	54	3360 - 23
0669610	3E6	54	3360 - 27
0669611	3E2	55	3360 - 23
0669611	3E6	55	3360 - 27
0669612	3E2	56	3360 - 23
0669613	3E2	57	3360 - 23
0669615	3E2	58	3360 - 23
0669615	3E6	57	3360 - 27
0669616	3E2	59	3360 - 23
0669616	3E6	59	3360 - 27
0669617	3E2	60	3360 - 23
0669618	3E2	61	3360 - 23
0669618	3E6	61	3360 - 27
0669619	3E2	62	3360 - 23
0669620	3E2	65	3360 - 23
0669621	3E2	66	3360 - 23
0669622	3E2	75	3360 - 23
0669623	3E2	83	3360 - 23

NUMERICAL INDEX - CONTINUED

PART NO.	GRID	KEY	PAGE
0669623	3E6	83	3360 - 27
0669624	3E2	88	3360 - 23
0669624	3E6	88	3360 - 27
0669625	3E2	89	3360 - 23
0669625	3E6	89	3360 - 27
0669701	3E4	77	3360 - 25
0669801	3E6	49	3360 - 27
0669804	3E6	53	3360 - 27
0669805	3E6	69	3360 - 27
0669805	3E6	85	3360 - 27
0669807	3E6	77	3360 - 27
0669808	3E6	79	3360 - 27
0669809	3E6	86	3360 - 27
0669901	3E8	26	3360 - 29
0669901	3E16	26	3360 - 37
0669902	3E8	28	3360 - 29
0669902	3E16	28	3360 - 37
0669903	3E8	31	3360 - 29
0669904	3E8	58	3360 - 29
0669905	3E8	59	3360 - 29
0669906	3E8	62	3360 - 29
0670001	3E10	16	3360 - 31
0670002	3E10	17	3360 - 31
0670002	3E14	17	3360 - 35
0670003	3E10	18	3360 - 31
0670003	3E14	18	3360 - 35
0670004	3E10	19	3360 - 31
0670004	3E14	19	3360 - 35
0670005	3E10	20	3360 - 31
0670005	3E14	20	3360 - 35
0670006	3E10	57	3360 - 31
0670007	3E10	65	3360 - 31
0670008	3E10	67	3360 - 31
0670009	3E10	68	3360 - 31
0670101	3E12	41	3360 - 33
0670101	3E16	41	3360 - 37
0670103	3E12	45B	3360 - 33
0670103	3E16	75B	3360 - 37
0670104	3E12	45E	3360 - 33
0670104	3E16	75E	3360 - 37
0670105	3E12	45F	3360 - 33
0670105	3E16	75F	3360 - 37
0670106	3E12	45G	3360 - 33
0670106	3E16	75G	3360 - 37
0670107	3E12	45H	3360 - 33
0670107	3E16	75H	3360 - 37
0670108	3E12	45L	3360 - 33
0670201	3E14	22	3360 - 35
0670202	3E14	56	3360 - 35
0670203	3E14	69	3360 - 35
0670205	3E14	69D	3360 - 35
0670206	3E14	7	3360 - 35
0670207	3E14	8	3360 - 35
0670208	3E14	13	3360 - 35
0670301	3E16	32	3360 - 37
0670302	3E16	16	3360 - 37
0670303	3E16	17	3360 - 37
0670304	3E16	18	3360 - 37
0670305	3E16	19	3360 - 37
0670306	3E16	21	3360 - 37
0670307	3E16	42	3360 - 37
0670308	3E16	46	3360 - 37
0670309	3E16	47	3360 - 37
0670310	3E16	38	3360 - 37
0670312	3E16	76	3360 - 37
0670502	3F8	4	3360 - 53
0670503	3F8	5	3360 - 53
0670802	3E24	41	3360 - 45
0670802	3E24	42	3360 - 45
0670803	3E6	52	3360 - 27
0671301	3E24	3	3360 - 45
0671302	3E24	6	3360 - 45
0671303	3E24	82	3360 - 45
0671304	3E24	13	3360 - 45
0673601	3E6	51	3360 - 27
0673602	3E6	76	3360 - 27
0683402	3J2	4	3401 - 25
0683402	3J4	4	3401 - 25B
0683402	3J6	4	3401 - 25D
0683402	3J8	4	3401 - 27
0683402	3J10	4	3401 - 27B
0683402	3J12	4	3401 - 27D
0686701	3J2	1	3401 - 25
0686702	3J2	1B	3401 - 25
0686702	3J2	2B	3401 - 25
0686702	3J4	1B	3401 - 25B
0686702	3J4	2B	3401 - 25B
0686702	3J8	1B	3401 - 27
0686702	3J8	2B	3401 - 27
0686702	3J10	1B	3401 - 27B
0686702	3J10	2B	3401 - 27B
0686703	3J2	2	3401 - 25
0686703	3J8	2	3401 - 27
0686704	3J2	3	3401 - 25
0686704	3J4	3	3401 - 25B
0686704	3J6	3	3401 - 25D
0686704	3J8	3	3401 - 27
0686704	3J10	3	3401 - 27B
0686704	3J12	3	3401 - 27D
0686705	3J2	13	3401 - 25
0686705	3J4	13	3401 - 25B
0686705	3J6	13	3401 - 25D
0686705	3J8	13	3401 - 27
0686705	3J10	13	3401 - 27B
0686705	3J12	13	3401 - 27D
0686706	3J2	15	3401 - 25
0686706	3J4	15	3401 - 25B
0686706	3J6	15	3401 - 25D
0686706	3J8	15	3401 - 27
0686706	3J10	15	3401 - 27B
0686706	3J12	15	3401 - 27D
0686707	3J2	16	3401 - 25
0686707	3J4	16	3401 - 25B
0686707	3J6	16	3401 - 25D
0686707	3J8	16	3401 - 27
0686707	3J10	16	3401 - 27B
0686707	3J12	16	3401 - 27D
0686708	3J2	22	3401 - 25
0686708	3J4	22	3401 - 25B
0686708	3J6	22	3401 - 25D
0686708	3J8	22	3401 - 27
0686708	3J10	22	3401 - 27B
0686708	3J12	22	3401 - 27D
0686801	3J8	1	3401 - 27
0727101	3J4	1	3401 - 25B
0727102	3J4	2	3401 - 25B
0727102	3J10	2	3401 - 27B
0727401	3J10	1	3401 - 27B
0779201	3J6	1	3401 - 25D
0779301	3J12	1	3401 - 27D
0779302	3J6	1B	3401 - 25D
0779302	3J6	2B	3401 - 25D
0779302	3J12	1B	3401 - 27D
0779302	3J12	2B	3401 - 27D
0779303	3J6	2	3401 - 25D
0779303	3J12	2	3401 - 27D
0796601	3G18	30	3360 - 93
1013926	1C5	11	0260 - 5
1014798	1B8	11	0130 - 7
1015477	3C8	4	3315 - 11
1015478	3C8	5	3315 - 11
1016125	1C5	31	0260 - 5
1016324	1C5	30	0260 - 5
1020173	1B8	1	0130 - 7
1020380	3J23	9	4360 - 3
1020401	2H17	41	2160 - 11
1020401	2H19	41	2160 - 13
1021040	1B22	0	0130 - 21
1021345	2E16	3	1810 - 39
1021346	2E16	4	1810 - 39
1021349	2E16	17	1810 - 39
1021350	2E16	16	1810 - 39
1021354	2E16	0	1810 - 39
1022569	2H13	1	2160 - 7
1022569	2H15	1	2160 - 9
1024224	3C8	1	3315 - 11
1024384	3C8	0	3315 - 11
2028344	1C7	19	0260 - 7
2028798	1C5	24	0260 - 5
2028799	1C5	26	0260 - 5
2034607	1C15	31	0260 - 15
2036441	2H17	27	2160 - 11
2036441	2H19	27	2160 - 13
2036804	3J23	14	4360 - 3
2036811	3J23	22	4360 - 3
2036830	3J23	1	4360 - 3
2036832	3J23	26	4360 - 3
2036958	2H17	25	2160 - 11
2036958	2H19	25	2160 - 13
2036963	2H17	3	2160 - 11
2036963	2H19	3	2160 - 13
2036965	2H17	4	2160 - 11
2036965	2H19	4	2160 - 13
2037013	2H17	28	2160 - 11
2037013	2H19	28	2160 - 13
2037246	3C16	24	3315 - 19
2037304	2B13	41	1674 - 9
2037305	2E12	6	1810 - 35
2037689	2E16	24	1810 - 39
2037988	3C12	14	3315 - 15
2038156	2I4	32	2160 - 23
2038484	3B24	2	3315 - 3
2038486	3B24	1	3315 - 3
2038578	3B24	5	3315 - 3
2038734	3C6	14	3315 - 9
2038735	3C6	12	3315 - 9
2038764	2D9	25B	1810 - 7
2039354	2B25	12	1674 - 21
2043585	3C6	0	3315 - 9
2046464	3D24	90L	3360 - 21
2046464	3E4	90L	3360 - 25
300292	3B17	27	3302 - 9
3021131	2G11	61B	1910 - 11
3028363	3B11	4	3302 - 3
3028363	3B15	4	3302 - 7
3028363	3B17	4	3302 - 9
3032432	1C7	26	0260 - 7
3034935	1B10	6	0130 - 9
3035618	1B8	2	0130 - 7
3037076	3D4	4	3344 - 3
3040904	2G11	61A	1910 - 11

NUMERICAL INDEX - CONTINUED

PART NO.	GRID	KEY	PAGE
3043236	1C5	12	0260 - 5
3043240	1C7	27	0260 - 7
3043242	1C7	33	0260 - 7
304403	3B11	14	3302 - 3
3047922	1C7	42	0260 - 7
304952	3B11	19	3302 - 3
304953	3B11	18	3302 - 3
304954	3B11	16	3302 - 3
304955	3B11	17	3302 - 3
304960	3B15	16	3302 - 7
304961	3B15	17	3302 - 7
304966	3B13	27	3302 - 5
304966	3B15	27	3302 - 7
304967	3B15	19	3302 - 7
304968	3B15	18	3302 - 7
3049946	1C5	20	0260 - 5
3051399	3D4	0D	3344 - 3
3051611	3C16	10	3315 - 19
3052543	3C8	7	3315 - 11
305331	3B11	16	3302 - 3
3055594	2H13	4	2160 - 7
3055594	2H15	4	2160 - 9
3056019	2B17	12	1674 - 13
3057124	1C5	39	0260 - 5
3057962	1C3	0	0260 - 3
3058620	3J23	8	4360 - 3
3059034	1C5	42	0260 - 5
3060670	3H18	30	3360 - 115
3065176	1C7	21	0260 - 7
306618	3B13	28	3302 - 5
306618	3B15	28	3302 - 7
3068226	2H17	42	2160 - 11
3068226	2H19	42	2160 - 13
3069556	1B8	4B	0130 - 7
3069697	3J23	24	4360 - 3
3069725	3J23	25	4360 - 3
3069727	3J23	35	4360 - 3
3070062	2H13	14	2160 - 7
3070062	2H15	14	2160 - 9
3070063	2H13	15	2160 - 7
3070063	2H15	15	2160 - 9
3070066	2H13	3	2160 - 7
3070066	2H15	3	2160 - 9
3070250	1C15	23	0260 - 15
3070443	1C7	4	0260 - 7
3071500	2H17	57	2160 - 11
3071500	2H19	57	2160 - 13
307186	3B11	17	3302 - 3
3071962	2H13	56	2160 - 7
3071962	2H15	56	2160 - 9
3072012	3C12	10	3315 - 15
3072455	2G7	20	1910 - 7
3072517	3C12	6D	3315 - 15
3072610	2E24	9	1821 - 5
3072613	2E16	21	1810 - 39
3072628	3C6	4	3315 - 9
3072629	2E16	8	1810 - 39
3072699	2E18	0	1810 - 41
3072700	2E18	1	1810 - 41
3072716	2E16	12	1810 - 39
3072745	3G4	26	3360 - 73
3072745	3G6	21	3360 - 75
3072797	1C7	14	0260 - 7
3072878	1C5	16	0260 - 5
3073276	2I6	19	2160 - 25
3073277	2I6	20	2160 - 25
3073803	1B10	0A	0130 - 9
3073805	1B10	10	0130 - 9
3074223	3J23	51	4360 - 3
3074241	1C17	31	0260 - 17
3074721	2E2	19	1810 - 25
3075379	2B13	12	1674 - 9
3075855	2H17	31	2160 - 11
3075855	2H19	31	2160 - 13
3076389	1C7	28	0260 - 7
3076503	3C14	20	3315 - 17
3076671	2G11	25	1910 - 11
3077329	2H23	33	2160 - 17
3078124	1C7	17	0260 - 7
3079728	3G4	25	3360 - 73
3079728	3G6	20	3360 - 75
3084540	3C24	12	3340 - 3
3084540	3D2	12	3340 - 5
3091704	3I11	17	3401 - 9
3091704	3I11	20	3401 - 9
3091704	3J2	31	3401 - 25
3091704	3J8	31	3401 - 27
3097791	3E24	13	3360 - 45
4S00063	3J25	15	4360 - 5
4S00155	3G18	19	3360 - 93
4S00189	3G18	7	3360 - 93
4S00190	3G18	8	3360 - 93
4S00342	3G20	28	3360 - 97
400R	3G14	23	3360 - 85
400R	3G16	23	3360 - 89
400R	3G20	21	3360 - 97
400R	3J2	21	3401 - 25
400R	3J4	21	3401 - 25B
400R	3J6	21	3401 - 25D
400R	3J8	21	3401 - 27
400R	3J10	21	3401 - 27B
400R	3J12	21	3401 - 27D
4000860	2B21	19	1674 - 17
4027959	3E8	74C	3360 - 29
4027959	3E12	74C	3360 - 33
4033725	1C11	12	0260 - 11
4038533	1C11	2	0260 - 11
4044928	3C14	6	3315 - 17
4050481	3K8	10	4360 - 13
4056017	1J8	6B	0515 - 3
4056017	3J20	10	3415 - 3
4065280	2I4	6	2160 - 23
4068898	2H21	16	2160 - 15
4068898	2H23	16	2160 - 17
4069801	3D6	9	3360 - 3
4071213	3D6	4	3360 - 3
4075357	3D2	64	3340 - 5
4075358	3C24	48	3340 - 3
4075358	3C24	49	3340 - 3
4075358	3D2	44	3340 - 5
4075358	3D2	48	3340 - 5
4075359	3D4	22	3344 - 3
4075360	3D4	23	3344 - 3
4085607	2H21	8	2160 - 15
4085607	2H23	8	2160 - 17
4085607	3J14	16	3401 - 29
4086775	2H17	13	2160 - 11
4086775	2H19	13	2160 - 13
4089012	2D25	12	1810 - 23
4092111	2D9	28	1810 - 7
4093624	2B7	6	1674 - 3
4100967	2I4	24A	2160 - 23
4102096	2E12	5	1810 - 35
4107762	2G21	24	1910 - 21
4109393	2I4	7	2160 - 23
4113160	1B10	11	0130 - 9
4114402	2H13	32	2160 - 7
4114402	2H15	32	2160 - 9
4116308	3J23	21	4360 - 3
4118499	2H15	62	2160 - 9
4124575	3C24	0G	3340 - 3
4124575	3D2	0G	3340 - 5
4126485	2C19	2	1740 - 5
4127707	2C21	3	1740 - 7
4127708	2C21	3	1740 - 7
4130139	1J6	0	0510 - 7
4130169	3G24	36	3360 - 101
4133527	3F22	16	3360 - 67
4141806	3G12	25	3360 - 81
4141806	3H22	11	3360 - 119
4144020	1C5	15	0260 - 5
4147890	2D15	59	1810 - 13
4148012	1C5	9	0260 - 5
4149678	2C19	3	1740 - 5
4153084	1K9	..	1369 - 3
4153098	3E12	42	3360 - 33
4153098	3E16	52	3360 - 37
4153251	1J6	0A	0510 - 7
4154656	3G24	34	3360 - 101
4154670	1C21	23	0260 - 21
4154670	3F12	16	3360 - 57
4154670	3F14	0	3360 - 59
4154670	3F16	16	3360 - 61
4154670	3G8	10	3360 - 77
4154670	3I15	24	3401 - 13
4154671	3D10	5	3360 - 7
4154671	3F10	19	3360 - 55
4154671	3F10	34	3360 - 55
4154671	3F10	35	3360 - 55
4154671	3F18	13	3360 - 63
4154671	3G4	8	3360 - 73
4154671	3G6	8	3360 - 75
4154671	3G8	20	3360 - 77
4154671	3G10	4	3360 - 79
4154671	3I15	4	3401 - 13
4154672	1C21	16	0260 - 21
4154672	3F10	7	3360 - 55
4154672	3G8	1	3360 - 77
4156434	3F20	44	3360 - 65
4156434	3F22	1	3360 - 67
4156434	3F22	4	3360 - 67
4156434	3H16	44	3360 - 113
4156434	3I13	7	3401 - 11
4156434	3I17	5	3401 - 15
4156434	3I25	5	3401 - 23
4157562	3D10	1	3360 - 7
4157562	3I7	6	3401 - 5
4157648	1J22	17	0560 - 3
4161735	2C17	3	1740 - 3
4161735	2C23	1	1740 - 9
4166686	3C4	2	3315 - 7
4173208	3C4	6	3315 - 7
4174542	3D6	17	3360 - 3
4174542	3H18	33	3360 - 115
4174542	3H18	53	3360 - 115
4175253	2G5	3	1910 - 5
4175254	2G5	4	1910 - 5
4176070	3J23	27	4360 - 3
4177777	3C4	5	3315 - 7
4177896	3C4	7	3315 - 7
4178203	1C5	22	0260 - 5

NUMERICAL INDEX - CONTINUED

PART NO.	GRID	KEY	PAGE
4179109	3B11	5	3302 - 3
4179109	3B15	5	3302 - 7
4179109	3B17	5	3302 - 9
4179155	2H21	2	2160 - 15
4179155	2H23	2	2160 - 17
4179156	2H21	3	2160 - 15
4179156	2H23	3	2160 - 17
4179161	2H21	12	2160 - 15
4179161	2H23	12	2160 - 17
4179162	2H21	13	2160 - 15
4179170	2H21	21	2160 - 15
4179170	2H23	21	2160 - 17
4179171	2H21	20	2160 - 15
4179171	2H23	20	2160 - 17
4179174	2H21	40	2160 - 15
4179174	2H23	40	2160 - 17
4179176	2H17	34	2160 - 11
4179176	2H19	34	2160 - 13
4179177	2H17	33	2160 - 11
4179177	2H19	33	2160 - 13
4179179	2H17	29	2160 - 11
4179179	2H19	29	2160 - 13
4179257	3C4	8	3315 - 7
4179303	1B10	8	0130 - 9
4179807	3C24	44	3340 - 3
4179807	3C24	47	3340 - 3
4179807	3D2	47	3340 - 5
4179838	2H17	44	2160 - 11
4179838	2H19	44	2160 - 13
4180555	1J6	1	0510 - 7
4180786	2H17	23	2160 - 11
4180786	2H19	23	2160 - 13
4180790	2H17	9	2160 - 11
4180790	2H19	9	2160 - 13
4182067	3C4	27	3315 - 7
4184929	3C4	15	3315 - 7
4184954	3C4	18	3315 - 7
4185600	3E24	2	3360 - 45
4185600	3E24	34	3360 - 45
4187082	2D9	14	1810 - 7
4187083	2D9	14A	1810 - 7
4188623	1C21	6	0260 - 21
4188623	1C21	7	0260 - 21
4188623	3D18	16	3360 - 15
4188625	3D18	17	3360 - 15
4188796	3C24	0E	3340 - 3
4188796	3C24	7C	3340 - 3
4188796	3D2	0E	3340 - 5
4188796	3D2	7D	3340 - 5
4189094	3I5	22	3401 - 3
4189184	3C16	12	3315 - 19
4189602	3C24	31	3340 - 3
4189602	3D2	33	3340 - 5
4189602	3D12	14	3360 - 9
4189602	3I5	14	3401 - 3
4189602	3I7	27	3401 - 5
4189602	3I9	12	3401 - 7
4189619	2I6	15	2160 - 25
4189619	3D10	2	3360 - 7
4189619	3G12	17	3360 - 81
4189619	3H18	32	3360 - 115
4189858	3D12	7	3360 - 9
4189858	3G12	24	3360 - 81
4189858	3I7	29	3401 - 5
4189858	3I19	12	3401 - 17
4190125	3G12	26	3360 - 81
4190125	3H18	27	3360 - 115
4190126	3H22	7	3360 - 119
4190127	3D6	13	3360 - 3
4190127	3D8	6	3360 - 5
4190244	3F20	14	3360 - 65
4190253	2B21	12	1674 - 17
4190253	3F10	37	3360 - 55
4190261	1J8	13	0515 - 3
4190261	2B21	8	1674 - 17
4190261	3G22	15	3360 - 99
4190261	3J20	12	3415 - 3
4190261	3J20	37	3415 - 3
4190265	2B13	1	1674 - 9
4190265	3F18	37	3360 - 63
4190266	1K2	3	0560 - 7
4190266	2B21	13	1674 - 17
4190273	2B17	20	1674 - 13
4190273	2B21	9	1674 - 17
4190275	2B13	5	1674 - 9
4190275	2B21	10	1674 - 17
4190960	2C17	20	1740 - 3
4190983	3C12	11	3315 - 15
4191772	2B13	28	1674 - 9
4192020	1C5	23	0260 - 5
4192034	2F7	9	1830 - 5
4192034	3F10	30	3360 - 55
4192035	2B21	14	1674 - 17
4192047	3D18	21	3360 - 15
4192982	1C5	17	0260 - 5
4193826	3F16	35	3360 - 61
4193848	3I7	35	3401 - 5
4194176	2H21	47	2160 - 15
4194176	2H23	47	2160 - 17
4195421	3C4	3	3315 - 7
4196258	3D6	3	3360 - 3
4196259	3D6	10	3360 - 3
4198956	2H17	22	2160 - 11
4198956	2H19	22	2160 - 13
4199645	2C21	5	1740 - 7
4199645	2C21	6	1740 - 7
4200227	2H17	36	2160 - 11
4200227	2H19	36	2160 - 13
4200465	1C21	22	0260 - 21
4200465	3F12	1	3360 - 57
4200465	3F12	3	3360 - 57
4200465	3F16	13	3360 - 61
4200465	3F16	15	3360 - 61
4200465	3F16	25	3360 - 61
4200465	3G8	11	3360 - 77
4200465	3H16	1	3360 - 113
4200466	3C20	9	3315 - 21B
4200466	3C22	5	3315 - 23
4200466	3D10	4	3360 - 7
4200466	3F20	10	3360 - 65
4200466	3F20	12	3360 - 65
4200466	3F20	43	3360 - 65
4200466	3F24	5	3360 - 69
4200466	3G10	1	3360 - 79
4200466	3H6	10	3360 - 105
4200466	3H8	11	3360 - 107
4200466	3H16	15	3360 - 113
4200466	3I19	3	3401 - 17
4200467	3F18	49	3360 - 63
4200467	3F24	2	3360 - 69
4200467	3G8	18	3360 - 77
4200467	3G8	19	3360 - 77
4200467	3G8	35	3360 - 77
4200467	3I13	5	3401 - 11
4200467	3I15	31	3401 - 13
4200467	3I17	6	3401 - 15
4200467	3I25	2	3401 - 23
4200468	3F16	18	3360 - 61
4200468	3F20	33	3360 - 65
4200469	3F10	27	3360 - 55
4200472	3F10	32	3360 - 55
4200473	3F18	34	3360 - 63
4200580	3I5	8	3401 - 3
4200580	3I5	15	3401 - 3
4200580	3I7	26	3401 - 5
4200580	3I19	21	3401 - 17
4201441	2H3	2	2002 - 3
4201441	2H5	6	2002 - 5
4201915	3C4	1	3315 - 7
4201995	2C17	17	1740 - 3
4202103	3H22	13	3360 - 119
4202422	3C18	20	3315 - 21
4202422	3C20	11	3315 - 21B
4202422	3C22	3	3315 - 23
4202422	3F18	29	3360 - 63
4202564	3H16	43	3360 - 113
4203024	3G4	19	3360 - 73
4203129	3D18	20	3360 - 15
4203130	3D18	19	3360 - 15
4203171	3I23	3	3401 - 21
4203411	3C12	2	3315 - 15
4203446	3I17	14	3401 - 15
4203446	3J18	0	3401 - 33
4203447	3I15	0	3401 - 13
4203447	3I17	0	3401 - 15
4203485	2H15	61	2160 - 9
4204547	2D19	54	1810 - 17
4204579	2D17	14	1810 - 15
4204579	2D23	3	1810 - 21
4204586	2D11	41	1810 - 9
4204586	2D19	31	1810 - 17
4204590	2D25	10	1810 - 23
4204591	2D25	11	1810 - 23
4204811	2B13	30	1674 - 9
4204959	3C14	0	3315 - 17
4205084	2E10	1	1810 - 33
4205363	3H16	14	3360 - 113
4205383	3I5	7	3401 - 3
4205383	3I9	13	3401 - 7
4207239	3F18	56	3360 - 63
4207300	3I13	4	3401 - 11
4207300	3I15	1	3401 - 13
4207300	3I17	17	3401 - 15
4207300	3I25	0	3401 - 23
4208103	2D25	4	1810 - 23
4208911	3I17	10	3401 - 15
4208913	3F18	1	3360 - 63
4208913	3I17	13	3401 - 15
4208977	3C12	16	3315 - 15
4209296	2B9	0	1674 - 5
4209296	2B9	2A	1674 - 5
4209296	2B9	31	1674 - 5
4209653	2I4	35	2160 - 23
4210412	2D9	16A	1810 - 7
4210413	2D9	16B	1810 - 7
4212841	1C7	1	0260 - 7
4212842	1C7	11	0260 - 7
4213419	3C12	13	3315 - 15
4217341	3H18	1	3360 - 115
4218070	3I7	7	3401 - 5
4219918	3F18	41	3360 - 63

NUMERICAL INDEX - CONTINUED

PART NO.	GRID	KEY	PAGE
4221018	2C17	24	1740 - 3
4221019	2C17	25	1740 - 3
4221224	1C21	15	0260 - 21
4221290	3D10	7	3360 - 7
4222875	2I4	11D	2160 - 23
4222876	2I4	11E	2160 - 23
4224631	3D4	15	3344 - 3
4227083	3G24	1	3360 - 101
4227353	2I4	4	2160 - 23
4229631	1C9	5	0260 - 9
4233165	2H17	15	2160 - 11
4233165	2H19	15	2160 - 13
4234371	3I15	30	3401 - 13
4234782	2H13	36	2160 - 7
4234782	2H15	36	2160 - 9
4235654	2B21	17	1674 - 17
4238834	3C12	7B	3315 - 15
4241780	1C15	18	0260 - 15
4242263	2H13	37	2160 - 7
4242263	2H15	37	2160 - 9
4244542	1C7	36	0260 - 7
4244693	3J23	2	4360 - 3
4245966	1C5	14	0260 - 5
4246672	3H16	41	3360 - 113
4246672	3I13	6	3401 - 11
4246672	3I17	25	3401 - 15
4246672	3I25	4	3401 - 23
4248106	1B10	14	0130 - 9
4250261	2I4	28	2160 - 23
4251384	2I4	11F	2160 - 23
4251588	2B15	1	1674 - 11
4251588	2B15	2	1674 - 11
4251588	2B15	3	1674 - 11
4251588	2B15	4	1674 - 11
4251588	2B15	5	1674 - 11
4251588	2B15	6	1674 - 11
4251588	2B15	7	1674 - 11
4251588	2B15	8	1674 - 11
4251588	2B15	9	1674 - 11
4251588	2B15	10	1674 - 11
4251588	2B15	11	1674 - 11
4251588	2B15	12	1674 - 11
4252331	3D4	19	3344 - 3
4252721	1C5	19	0260 - 5
4254603	2B23	6	1674 - 19
4254604	2B19	4	1674 - 15
4255055	1B10	15	0130 - 9
4255055	1B12	15	0130 - 11
4255055	1B14	11	0130 - 13
4255227	3J23	46	4360 - 3
4255304	3F12	5	3360 - 57
4255304	3F12	7	3360 - 57
4255305	3F20	26	3360 - 65
4255762	2B17	10	1674 - 13
4255799	2C17	2	1740 - 3
4255799	2C23	0	1740 - 9
4255804	1B8	5	0130 - 7
4257034	2B17	9	1674 - 13
4257035	2B17	1	1674 - 13
4257087	2G7	1	1910 - 7
4257128	1J22	12	0560 - 3
4257159	1J10	5	0515 - 5
4257159	1J22	18	0560 - 3
4257159	2I4	29	2160 - 23
4257933	3C24	5	3340 - 3
4257933	3D2	5	3340 - 5
4257933	3D2	6	3340 - 5
4258089	3J23	16	4360 - 3
4258916	1C5	25	0260 - 5
4259298	2G3	5	1910 - 3
4259591	3C16	16	3315 - 19
4259604	1C21	28	0260 - 21
4259787	2I4	26	2160 - 23
4259788	1J22	16	0560 - 3
4260314	3G22	5	3360 - 99
4260369	2D9	20	1810 - 7
4261539	3H22	26	3360 - 119
4261622	2B19	15	1674 - 15
4261938	3G4	7	3360 - 73
4261938	3H16	45	3360 - 113
4264452	3J23	44	4360 - 3
4264508	2I4	9	2160 - 23
4264805	1K7	5	1320 - 3
4265964	2H21	29	2160 - 15
4265964	2H23	29	2160 - 17
4266255	3J23	18	4360 - 3
4266481	3D6	8	3360 - 3
4269480	3J23	29	4360 - 3
4269616	3I23	0	3401 - 21
4270554	2B21	0A	1674 - 17
4271350	1C7	43	0260 - 7
4271447	3G24	37	3360 - 101
4272305	1C13	1	0260 - 13
4272413	1C9	11A	0260 - 9
4272420	1C11	7	0260 - 11
4272425	1C11	13	0260 - 11
4274478	2G15	6	1910 - 15
4274716	3C12	7C	3315 - 15
4276584	3D6	1	3360 - 3
4276696	3C24	22	3340 - 3
4276696	3D2	22	3340 - 5
4276794	3J20	35	3415 - 3
4276918	2H13	28	2160 - 7
4276918	2H25	0	2160 - 19
4277927	2B13	3	1674 - 9
4278547	2H13	53	2160 - 7
4278547	2H15	53	2160 - 9
4278696	2H15	28	2160 - 9
4278696	2I2	0	2160 - 21
4279507	3J20	20	3415 - 3
4280117	3J20	17	3415 - 3
4280297	3J20	21	3415 - 3
4280527	2D9	16	1810 - 7
4281767	1C9	23	0260 - 9
4283028	2B25	0	1674 - 21
4284057	3D4	21	3344 - 3
4284139	3C24	45	3340 - 3
4284139	3C24	46	3340 - 3
4284139	3D2	45	3340 - 5
4284139	3D2	46	3340 - 5
4285209	3C4	24	3315 - 7
4285577	2I4	18A	2160 - 23
4285578	2I4	18B	2160 - 23
4285646	2G15	6A	1910 - 15
4285722	2I8	10	2160 - 27
4285723	2I8	11	2160 - 27
4286874	3C4	16	3315 - 7
4286916	3G4	6	3360 - 73
4286916	3G6	6	3360 - 75
4287670	2B21	0B	1674 - 17
4287903	2D9	24	1810 - 7
4288971	1K7	22	1320 - 3
4289217	2B13	38	1674 - 9
4293167	3H14	2	3360 - 111
4293950	2H13	55	2160 - 7
4293950	2H15	55	2160 - 9
4293950	3F16	1	3360 - 61
4293950	3F16	8	3360 - 61
4293950	3F16	10	3360 - 61
4293950	3G8	8	3360 - 77
4294437	2B13	22	1674 - 9
4294999	2B9	23	1674 - 5
4295480	2D17	7	1810 - 15
4295480	2D19	62	1810 - 17
4295573	2D11	46	1810 - 9
4295876	2D17	9	1810 - 15
4295876	2D19	63	1810 - 17
4296275	3C24	30	3340 - 3
4297101	2B9	27	1674 - 5
4297101	2E4	3	1810 - 27
4297257	1C9	24	0260 - 9
4297380	2H23	18	2160 - 17
4297661	3E12	45J	3360 - 33
4297661	3E16	75J	3360 - 37
4298608	3J23	47	4360 - 3
4299059	1K7	28	1320 - 3
4300918	1C9	10	0260 - 9
4307026	2B19	1E	1674 - 15
4307027	2B19	1F	1674 - 15
4310827	2B9	4	1674 - 5
4311378	1C11	9	0260 - 11
4311391	1C7	31	0260 - 7
4311393	1C7	41	0260 - 7
4311779	1C11	18	0260 - 11
4312681	1C7	20	0260 - 7
4312685	1C9	28	0260 - 9
4317906	2H3	0	2002 - 3
4317906	2H5	3	2002 - 5
4319299	3C12	1	3315 - 15
4320163	2D11	59	1810 - 9
4321887	1C5	3	0260 - 5
4322739	3H14	5	3360 - 111
4324747	3H20	39	3360 - 117
4326095	2E6	0B	1810 - 29
4326285	2I4	11A	2160 - 23
4327293	3H16	21	3360 - 113
4327293	3H16	23	3360 - 113
4327294	3D14	15	3360 - 11
4327294	3D14	16	3360 - 11
4327294	3D14	17	3360 - 11
4327294	3D14	18	3360 - 11
4330218EX	3J23	40	4360 - 3
4330218EX	3J25	0	4360 - 5
4330227	3F10	0	3360 - 55
4330230	2B7	4	1674 - 3
4330377	3J23	30	4360 - 3
4330467	3I13	0	3401 - 11
4330467	3J16	0	3401 - 31
4330467	3J20	0	3415 - 3
4330909	2H17	43	2160 - 11
4330909	2H19	43	2160 - 13
4330950	2H17	51	2160 - 11
4330950	2H19	51	2160 - 13
4330951	2H17	47	2160 - 11
4330951	2H19	47	2160 - 13
4331993	2H17	10	2160 - 11
4331993	2H19	10	2160 - 13
4332040	3F2	3	3360 - 47
4332040	3F20	17	3360 - 65
4332191	1C7	25	0260 - 7
4332827	3D14	16	3360 - 11

NUMERICAL INDEX - CONTINUED

PART NO.	GRID	KEY	PAGE
4332830	3D14	15	3360 - 11
4332878	2H21	48	2160 - 15
4332878	2H23	48	2160 - 17
4333040	2B7	5	1674 - 3
4333040	3F2	4	3360 - 47
4333185	2E6	0	1810 - 29
4333699	3D16	5	3360 - 13
4333700	3D16	1	3360 - 13
4334301	3D14	14	3360 - 11
4334566	1C21	27	0260 - 21
4334707	3B24	9	3315 - 3
4334827	3F24	8	3360 - 69
4334827	3G2	0	3360 - 71
4334899	2H13	63B	2160 - 7
4334899	2H15	69B	2160 - 9
4335047	3C12	6B	3315 - 15
4336166	3E2	58	3360 - 23
4336166	3E6	57	3360 - 27
4336167	1C17	5	0260 - 17
4336420	2B21	16	1674 - 17
4337215	2H21	35	2160 - 15
4337245	2H21	5	2160 - 15
4337258	2H21	6	2160 - 15
4337637	3J23	32	4360 - 3
4337638	3J23	19	4360 - 3
4338325	2H17	8	2160 - 11
4338325	2H19	8	2160 - 13
4338974	2E6	0C	1810 - 29
4339254	2H17	6	2160 - 11
4339254	2H19	6	2160 - 13
4339296	2H17	21	2160 - 11
4339296	2H19	21	2160 - 13
4340275	2H13	63	2160 - 7
4340275	2H15	69	2160 - 9
4340328	2H13	25	2160 - 7
4340328	2H15	25	2160 - 9
4340358	2H17	12	2160 - 11
4340358	2H19	12	2160 - 13
4341545	1J12	0	0515 - 7
4341706	2E12	2	1810 - 35
4341788	2C17	22	1740 - 3
4341810	3C16	22	3315 - 19
4341877	3G4	14	3360 - 73
4341890	2E24	3	1821 - 5
4342051	3I9	9	3401 - 7
4342692	3F22	7	3360 - 67
4342802	3B24	8	3315 - 3
4342841	2H21	15	2160 - 15
4342841	2H23	15	2160 - 17
4342843	2H21	14	2160 - 15
4342843	2H23	14	2160 - 17
4342846	2H21	41	2160 - 15
4342846	2H23	41	2160 - 17
4343074	2H17	73	2160 - 11
4343074	2H19	73	2160 - 13
4343690	2E6	5	1810 - 29
4343872	1C7	6	0260 - 7
4345061	2H17	59	2160 - 11
4345061	2H19	59	2160 - 13
4345286	3H14	1	3360 - 111
4345286	3H20	1	3360 - 117
4345297	3G22	3	3360 - 99
4345321	1B22	3	0130 - 21
4345326	1B22	7	0130 - 21
4345327	1B22	8	0130 - 21
4345327	1B22	11	0130 - 21
4345682	1B22	2	0130 - 21
4346499	3G10	10	3360 - 79
4346521	2H21	28	2160 - 15
4346521	2H23	28	2160 - 17
4347107	2H21	24	2160 - 15
4347107	2H23	24	2160 - 17
4348299	2H17	7	2160 - 11
4348299	2H19	7	2160 - 13
4348569	3I11	3	3401 - 9
4348569	3I11	4	3401 - 9
4348612	3F16	26	3360 - 61
4348665	2H17	74	2160 - 11
4348665	2H19	74	2160 - 13
4348713	2F11	2	1830 - 9
4348714	2F9	0	1830 - 7
4349998	2E4	1D	1810 - 27
4350169	3I25	6	3401 - 23
4350169	3I25	7	3401 - 23
4350234	2F11	0	1830 - 9
4350235	2F13	4	1830 - 11
4350236	2F13	6	1830 - 11
4350237	2F13	8	1830 - 11
4350238	2F11	8	1830 - 9
4350244	2F11	6	1830 - 9
4350245	2E4	4	1810 - 27
4350246	2E2	2	1810 - 25
4350247	2E2	4	1810 - 25
4350249	2F11	10	1830 - 9
4350265	2F13	10	1830 - 11
4350398	2E2	13	1810 - 25
4350778	2E2	10	1810 - 25
4350779	2E2	11	1810 - 25
4350779	2E4	11	1810 - 27
4350928	2H21	49	2160 - 15
4350928	2H23	49	2160 - 17
4351011	2E10	2	1810 - 33
4351142	3F6	3	3360 - 51
4351142	3F8	0	3360 - 53
4351142	3F10	5	3360 - 55
4351175	3G4	23	3360 - 73
4351175	3G6	18	3360 - 75
4351187	2E12	0	1810 - 35
4351190	3G6	15	3360 - 75
4351255	2E14	3	1810 - 37
4351277	2E16	27	1810 - 39
4351281	3F18	28	3360 - 63
4351448	2F16	4	1830 - 15
4351774	3G4	24	3360 - 73
4351774	3G6	19	3360 - 75
4351826	1C11	3	0260 - 11
4353560	1J22	20	0560 - 3
4353686	3F18	36	3360 - 63
4354278	1C5	27	0260 - 5
4354289	1C5	13	0260 - 5
4354467	3D18	22	3360 - 15
4355012	2H17	64	2160 - 11
4355080	2H17	50	2160 - 11
4355080	2H19	50	2160 - 13
4355081	2H17	46	2160 - 11
4355081	2H19	46	2160 - 13
4356695	2D13	19	1810 - 11
4357063	3C12	23	3315 - 15
4357538	1B10	5	0130 - 9
4357539	1B10	13	0130 - 9
4357862	2E2	16	1810 - 25
4358348	2F16	0	1830 - 15
4358929	2H21	27	2160 - 15
4358929	2H23	27	2160 - 17
4359384	2B13	8	1674 - 9
4359548	1C17	23	0260 - 17
4359549	1C17	18	0260 - 17
4359550	1C17	14	0260 - 17
4359551	1C17	8	0260 - 17
4359552	1C17	10	0260 - 17
4359609	2G13	0	1910 - 13
4359610	2G13	1	1910 - 13
4359716	3C14	12	3315 - 17
4359926	3C4	11B	3315 - 7
4359926	3C4	12B	3315 - 7
4359928	3J2	31	3401 - 25
4359928	3J6	29	3401 - 25D
4360347	1B10	0C	0130 - 9
4360509	1J10	0	0515 - 5
4360590	2H23	6	2160 - 17
4360592	2H23	10	2160 - 17
4360605	2H15	63	2160 - 9
4360718	2H15	65	2160 - 9
4360719	2H15	64	2160 - 9
4360981	3G22	2	3360 - 99
4361021	3G22	0	3360 - 99
4361117	3I9	0	3401 - 7
4361117	3J14	0	3401 - 29
4361273	3J8	31	3401 - 27
4361273	3J12	29	3401 - 27D
4361302	2D9	17	1810 - 7
4361455	2G11	61	1910 - 11
4361519	3I11	17	3401 - 9
4361519	3I11	20	3401 - 9
4361601	2G21	18	1910 - 21
4361638	1J22	4	0560 - 3
4361800	2E18	3	1810 - 41
4361802	2E16	7	1810 - 39
4361802	2E16	20	1810 - 39
4361865	1C7	39	0260 - 7
4362135	2D13	8	1810 - 11
4362700	2D9	25A	1810 - 7
4364504	2D9	18	1810 - 7
4364696	2I4	33	2160 - 23
4364784	3F14	3	3360 - 59
4364970	3C12	4	3315 - 15
4365396	2B13	13	1674 - 9
4366376	2H13	63A	2160 - 7
4366376	2H15	69A	2160 - 9
4366692	3D4	20	3344 - 3
4366825	2D5	1	1810 - 3
4367031	3F24	1	3360 - 69
4367031	3G6	7	3360 - 75
4367131	3F2	7	3360 - 47
4367131	3F4	0	3360 - 49
4367375	2B13	21	1674 - 9
4367481	2D9	10	1810 - 7
4367485	2D9	8	1810 - 7
4367486	2D9	9	1810 - 7
4367664	1C15	10	0260 - 15
4368619	2H23	13	2160 - 17
4368621	1C9	26	0260 - 9
4368629	3C12	3	3315 - 15
4368630	3C12	5	3315 - 15
4368973	2E12	1	1810 - 35
4369262	3D12	18	3360 - 9
4369472	2E6	0A	1810 - 29
4369540	2D9	2	1810 - 7
4369541	2D9	3	1810 - 7
4369542	2D9	4	1810 - 7
4369543	2D9	5	1810 - 7

NUMERICAL INDEX - CONTINUED

PART NO.	GRID	KEY	PAGE
4369544	2D9	27	1810 - 7
4369545	2D9	12	1810 - 7
4369547	2D9	21	1810 - 7
4369549	2D9	23	1810 - 7
4369551	2D11	94	1810 - 9
4369552	2D11	93	1810 - 9
4369554	2D11	19	1810 - 9
4369557	2D11	47	1810 - 9
4369559	2D11	97	1810 - 9
4369561	2D11	8	1810 - 9
4369562	2D17	26	1810 - 15
4369563	2D17	22	1810 - 15
4369564	2D19	42	1810 - 17
4369565	2D11	14	1810 - 9
4369566	2D11	17	1810 - 9
4369567	2D11	77	1810 - 9
4369568	2D11	45	1810 - 9
4369569	2D11	51	1810 - 9
4369570	2D11	12	1810 - 9
4369571	2D11	26	1810 - 9
4369572	2D11	3	1810 - 9
4369573	2D11	56	1810 - 9
4369574	2D11	25	1810 - 9
4369577	2D19	35	1810 - 17
4369578	2D19	32	1810 - 17
4369579	2D19	40	1810 - 17
4369580	2D17	29	1810 - 15
4369581	2D17	30	1810 - 15
4369582	2D17	27	1810 - 15
4369583	2D19	41	1810 - 17
4369584	2D19	39	1810 - 17
4369585	2D11	22	1810 - 9
4369586	2D17	25	1810 - 15
4369590	2D19	52	1810 - 17
4369591	2D19	60	1810 - 17
4369593	2D19	53	1810 - 17
4369594	2D19	55	1810 - 17
4369596	2D17	1	1810 - 15
4369598	2D17	5	1810 - 15
4369599	2D17	6	1810 - 15
4369600	2D17	19	1810 - 15
4369602	2D17	4	1810 - 15
4369603	2D17	3	1810 - 15
4369604	2D17	2	1810 - 15
4369605	2D17	13	1810 - 15
4369606	2D17	12	1810 - 15
4369607	2D17	10	1810 - 15
4369608	2D17	11	1810 - 15
4369610	2D17	24	1810 - 15
4369611	2D23	1	1810 - 21
4369613	2D23	4	1810 - 21
4369614	2D11	95	1810 - 9
4369614	2D23	8	1810 - 21
4369615	2D23	2	1810 - 21
4369616	2D23	5	1810 - 21
4369617	2D23	80	1810 - 21
4369618	2D23	81	1810 - 21
4369619	2D23	90	1810 - 21
4369620	2D23	75	1810 - 21
4369621	2D25	1	1810 - 23
4369623	2D25	5	1810 - 23
4369624	2D25	13	1810 - 23
4369625	2D11	31	1810 - 9
4369626	2D11	54	1810 - 9
4369627	2D11	71	1810 - 9
4369631	2D13	12	1810 - 11
4369632	2D13	24	1810 - 11
4369633	2D13	7	1810 - 11
4369634	2D15	34	1810 - 13
4369635	2D15	34A	1810 - 13
4369636	2D15	34B	1810 - 13
4369637	2D15	34C	1810 - 13
4369638	2D15	34D	1810 - 13
4369639	2D15	34E	1810 - 13
4369640	2D15	34K	1810 - 13
4369641	2D15	34L	1810 - 13
4369642	2D13	13	1810 - 11
4369643	2D13	10	1810 - 11
4369644	2D13	32	1810 - 11
4369645	2D13	2	1810 - 11
4369646	2D13	20	1810 - 11
4369647	2D13	22	1810 - 11
4369648	2D13	18	1810 - 11
4369650	2D15	51	1810 - 13
4369653	2D15	54	1810 - 13
4369654	2D15	58	1810 - 13
4369655	2D15	57	1810 - 13
4369656	2D15	40	1810 - 13
4369658	2D15	42	1810 - 13
4369659	2D11	15	1810 - 9
4369659	2D15	43	1810 - 13
4369660	2D15	44	1810 - 13
4369661	2D13	16	1810 - 11
4369662	2D13	23	1810 - 11
4369663	2D15	41	1810 - 13
4369665	2D21	18	1810 - 19
4369666	2D21	28	1810 - 19
4369667	2D21	29	1810 - 19
4369669	2D21	16	1810 - 19
4369670	2D21	33	1810 - 19
4369671	2D21	49	1810 - 19
4369672	2D21	92	1810 - 19
4369674	2D19	58	1810 - 17
4369674	2D21	65	1810 - 19
4369675	2D11	55	1810 - 9
4369817	2C7	1	1674 - 28
4370113	2B9	3	1674 - 5
4370114	2B9	5	1674 - 5
4370115	2B9	6	1674 - 5
4370116	2B9	7	1674 - 5
4370117	2B9	8	1674 - 5
4370118	2B9	9	1674 - 5
4370119	2B9	10	1674 - 5
4370137	2B9	11	1674 - 5
4370138	2B9	12	1674 - 5
4370139	2B9	13	1674 - 5
4370140	2B9	14	1674 - 5
4370141	2B9	15	1674 - 5
4370141	2B9	16A	1674 - 5
4370142	2B9	16	1674 - 5
4370143	1J12	6	0515 - 7
4370144	2B9	17	1674 - 5
4370145	2B9	18	1674 - 5
4370146	2B9	19	1674 - 5
4370147	2B9	20	1674 - 5
4370148	2B9	21	1674 - 5
4370149	2B9	22	1674 - 5
4370150	1J12	5	0515 - 7
4370151	1J12	4	0515 - 7
4370152	1J12	3	0515 - 7
4370153	1J12	2	0515 - 7
4370154	2B9	24	1674 - 5
4370155	2B9	28	1674 - 5
4370156	2B9	29	1674 - 5
4370267	2F16	21	1830 - 15
4370271	2F16	5	1830 - 15
4370299	2F16	22	1830 - 15
4370310	2F16	25	1830 - 15
4370311	1J12	1	0515 - 7
4370312	2E4	1	1810 - 27
4370313	2E4	1A	1810 - 27
4370314	2E4	1B	1810 - 27
4370316	2E4	2	1810 - 27
4370317	2E4	2A	1810 - 27
4370492	3G22	16	3360 - 99
4370570	2F11	6B	1830 - 9
4370571	2F11	6C	1830 - 9
4370572	2F11	6A	1830 - 9
4370903	2D9	29	1810 - 7
4371946	3E22	1	3360 - 43
4371946	3E24	1	3360 - 45
4371949	3F2	7	3360 - 47
4371949	3F4	0	3360 - 49
4372087	2D11	53	1810 - 9
4372088	2D11	62	1810 - 9
4372088	2D19	44	1810 - 17
4372089	2D11	91	1810 - 9
4372091	2D13	9	1810 - 11
4372092	2D13	11	1810 - 11
4372093	2D15	56	1810 - 13
4372094	2D25	2	1810 - 23
4372095	2D25	3	1810 - 23
4372200	2F2	6	1821 - 7
4372209	2D25	6	1810 - 23
4372210	2D17	28	1810 - 15
4372211	2D19	36	1810 - 17
4372212	2D21	61	1810 - 19
4372213	2D19	56	1810 - 17
4372213	2D21	74	1810 - 19
4372214	2D17	17	1810 - 15
4372215	2D15	34F	1810 - 13
4372216	2D15	34G	1810 - 13
4372218	2D9	7	1810 - 7
4372219	2D11	60	1810 - 9
4372221	2D19	37	1810 - 17
4372222	2D11	68	1810 - 9
4372222	2D19	38	1810 - 17
4372222	2D23	88	1810 - 21
4372222	2D25	14	1810 - 23
4372223	2D21	69	1810 - 19
4372224	2D19	45	1810 - 17
4372225	2D13	21	1810 - 11
4372225	2D17	18	1810 - 15
4372261	2D13	19	1810 - 11
4372560	2D13	15	1810 - 11
4372561	2D19	57	1810 - 17
4372565	1J8	10	0515 - 3
4372608	2D9	11	1810 - 7
4372677	3D24	90	3360 - 21
4372677	3E4	90	3360 - 25
4372678	3E16	75	3360 - 37
4372679	3E12	45	3360 - 33
4372682	3E8	70	3360 - 29
4372683	3E8	73	3360 - 29
4372683	3E16	73	3360 - 37
4372684	3E12	70	3360 - 33
4372684	3E16	70	3360 - 37
4372710	1C7	29	0260 - 7
4372711	1C7	31	0260 - 7
4372917	2F2	4	1821 - 7
4373197	3J25	2	4360 - 5

NUMERICAL INDEX - CONTINUED

PART NO.	GRID	KEY	PAGE
4373197	3K2	0	4360 - 7
4373198	3J25	3	4360 - 5
4373198	3K4	0	4360 - 9
4373199	3J25	4	4360 - 5
4373199	3K6	0	4360 - 11
4373200	3J25	23	4360 - 5
4373200	3K10	0	4360 - 15
4373201	3K6	16	4360 - 11
4373201	3K8	0	4360 - 13
4373214	2B17	22	1674 - 13
4373641	3G10	18	3360 - 79
4374265	1J22	1	0560 - 3
4374306	1D8	23	0400 - 3
4374306	1D10	23	0400 - 5
4374532	2B21	0C	1674 - 17
4374940	2C8	1	1674 - 29
4375638	3I17	21	3401 - 15
4375639	3I17	19	3401 - 15
4375673	3I17	8	3401 - 15
4375722	2H23	4	2160 - 17
4376210	3I11	2	3401 - 9
4376210	3I19	25B	3401 - 17
4376210	3I19	26B	3401 - 17
4376471	2F16	1	1830 - 15
4376472	2F16	2	1830 - 15
4376473	2F16	3	1830 - 15
4376475	2F16	6	1830 - 15
4376476	2F16	14	1830 - 15
4376479	2F16	23	1830 - 15
4376480	2F16	24	1830 - 15
4376707	2E24	5	1821 - 5
4377645	2C2	1	1674 - 23
4377824	2D17	21	1810 - 15
4379022	3C4	4	3315 - 7
4379070	2B13	29	1674 - 9
4380534	2F2	8	1821 - 7
4380677	3F18	16	3360 - 63
4381064	3I21	8	3401 - 19
4381224	2B7	10	1674 - 3
4382410	2F2	3	1821 - 7
4382432	2F2	5	1821 - 7
4382554	2F2	6	1821 - 7
4382794	2E24	0E	1821 - 5
4382863	2D9	30	1810 - 7
4382885	2D13	13	1810 - 11
4382885	2D13	14	1810 - 11
4383067	1C9	11B	0260 - 9
4383308	3I25	10	3401 - 23
4383309	3J20	31	3415 - 3
4383391	3I5	20	3401 - 3
4383401	2D15	35	1810 - 13
4383431	2D11	6	1810 - 9
4383439	2D7	1	1810 - 5
4383439	2D9	0	1810 - 7
4383439	2D11	0	1810 - 9
4383439	2D13	0	1810 - 11
4383439	2D15	0	1810 - 13
4383439	2D17	0	1810 - 15
4383439	2D19	0	1810 - 17
4383439	2D21	0	1810 - 19
4383439	2D23	0	1810 - 21
4383439	2D25	0	1810 - 23
4383784	3D22	0	3360 - 19
4383784	3D24	0	3360 - 21
4383784	3E2	0	3360 - 23
4383784	3E4	0	3360 - 25
4383784	3E6	0	3360 - 27
4383784	3E8	0	3360 - 29
4383784	3E10	0	3360 - 31
4383784	3E12	0	3360 - 33
4383784	3E14	0	3360 - 35
4383784	3E16	0	3360 - 37
4383784	3E18	0	3360 - 39
4384239	2F2	0	1821 - 7
4384264	3J20	36	3415 - 3
4384758	2B25	4	1674 - 21
4384759	1I24	6	0505 - 5
4385352	3J20	11	3415 - 3
4385381	2D13	1	1810 - 11
4387837	2D9	12	1810 - 7
4387837	2D9	22	1810 - 7
4388027	3J2	30	3401 - 25
4388027	3J4	30	3401 - 25B
4388027	3J6	30	3401 - 25D
4388027	3J8	30	3401 - 27
4388027	3J10	30	3401 - 27B
4388027	3J12	30	3401 - 27D
4395902	2D19	71	1810 - 17
4395903	2D19	70	1810 - 17
4395904	2D19	73	1810 - 17
4395905	2D19	72	1810 - 17
4396809	1J6	0B	0510 - 7
4397512	3J4	31	3401 - 25B
4397512	3J6	29	3401 - 25D
4397513	3J10	31	3401 - 27B
4397513	3J12	29	3401 - 27D
4398016	2D15	67	1810 - 13
4398019	2D15	68	1810 - 13
4398091	2D15	61	1810 - 13
4399597	2D9	3A	1810 - 7
4400079	2D11	11	1810 - 9
4400079	2D13	31	1810 - 11
4400087	2D11	11	1810 - 9
4400087	2D13	31	1810 - 11
4400654	3D10	6	3360 - 7
4402476	2D9	12	1810 - 7
4402476	2D9	22	1810 - 7
4403327	2D17	6	1810 - 15
4403340	2B9	1	1674 - 5
4403593	2D19	33	1810 - 17
4403594	2D19	34	1810 - 17
4411760	2B9	0	1674 - 5
4414857	2D13	17	1810 - 11
4414857	2D17	16	1810 - 15
4416040	1C7	15	0260 - 7
4420531	2D15	56	1810 - 13
4420724	2H3	0	2002 - 3
4420724	2H5	3	2002 - 5
4420938	2B9	2A	1674 - 5
4420938	2B9	2B	1674 - 5
4424185	3C6	0	3315 - 9
4428007	1C3	4	0260 - 3
4428919	2C21	2	1740 - 7
4431848	2D9	2A	1810 - 7
4431851	2D9	2D	1810 - 7
4431852	2D9	2E	1810 - 7
4431853	2D9	2F	1810 - 7
4431856	2D9	2I	1810 - 7
4431857	2D9	2J	1810 - 7
4431859	2D9	2L	1810 - 7
4431859	2D9	2P	1810 - 7
4433327	2H21	36	2160 - 15
4433327	2H23	36	2160 - 17
4436271	2H17	64	2160 - 11
4436271	2H19	64	2160 - 13
4436533	1J10	0	0515 - 5
4447050	3C12	6B	3315 - 15
4448296	2B17	35	1674 - 13
4448296	2B21	22	1674 - 17
4449068	2F11	6	1830 - 9
4455222	3D14	17	3360 - 11
4455820	2C17	32	1740 - 3
4455981	2D13	13	1810 - 11
4455981	2D15	38	1810 - 13
4456238	2D9	2B	1810 - 7
4458077	2D13	13	1810 - 11
4458079	2D13	13	1810 - 11
4458079	2D15	37	1810 - 13
4458080	2D13	13	1810 - 11
4467360	2D9	2N	1810 - 7
4469479	2D9	2M	1810 - 7
4474515	2D23	21	1810 - 21
4476342	3C4	11B	3315 - 7
4476342	3C4	12B	3315 - 7
4477373	2B11	1	1674 - 7
4484119	2H25	10	2160 - 19
449558	2I4	23	2160 - 23
4506405	3E10	66	3360 - 31
4506405	3E12	45K	3360 - 33
4506408	1C9	32A	0260 - 9
4506408	1K9	..	1369 - 3
4506408	3D24	16	3360 - 21
4506408	3E2	17	3360 - 23
4506408	3E2	41E	3360 - 23
4506408	3E4	16	3360 - 25
4506408	3E6	16	3360 - 27
4506408	3F4	19	3360 - 49
4506416	3D24	7	3360 - 21
4506416	3E4	7	3360 - 25
4506416	3E18	7	3360 - 39
4506416	3F6	2	3360 - 51
4506416	3F10	18	3360 - 55
4506416	3J14	15	3401 - 29
4506418	1C9	30A	0260 - 9
4506418	1C11	11	0260 - 11
4506418	1C21	15A	0260 - 21
4506418	1C21	16A	0260 - 21
4506418	1K9	..	1369 - 3
4506418	2H13	53A	2160 - 7
4506418	2H15	53A	2160 - 9
4506418	3C24	31A	3340 - 3
4506418	3D2	33A	3340 - 5
4506418	3D10	8A	3360 - 7
4506418	3D12	14A	3360 - 9
4506418	3D24	22	3360 - 21
4506418	3E2	22	3360 - 23
4506418	3E6	22	3360 - 27
4506418	3E6	23	3360 - 27
4506418	3E16	22	3360 - 37
4506418	3F10	7A	3360 - 55
4506418	3F10	27A	3360 - 55
4506418	3G8	1A	3360 - 77
4506418	3I5	7A	3401 - 3
4506418	3I5	8A	3401 - 3
4506418	3I5	14A	3401 - 3
4506418	3I5	15A	3401 - 3
4506418	3I7	26A	3401 - 5
4506418	3I7	27A	3401 - 5
4506418	3I9	12A	3401 - 7
4506418	3I9	13A	3401 - 7
4506418	3I19	18A	3401 - 17

NUMERICAL INDEX - CONTINUED

PART NO.	GRID	KEY	PAGE
4506418	3I19	21A	3401 - 17
4506418	3I23	0A	3401 - 21
4506418	3J14	7	3401 - 29
4506418	3J18	13	3401 - 33
4506424	1C21	6A	0260 - 21
4506424	1C21	7A	0260 - 21
4506424	1K9	..	1369 - 3
4506424	2I6	15A	2160 - 25
4506424	3D6	17A	3360 - 3
4506424	3D10	1A	3360 - 7
4506424	3D10	2A	3360 - 7
4506424	3D18	16A	3360 - 15
4506424	3D18	17A	3360 - 15
4506424	3D24	20	3360 - 21
4506424	3E2	20	3360 - 23
4506424	3E4	20	3360 - 25
4506424	3E6	20	3360 - 27
4506424	3F8	13	3360 - 53
4506424	3H14	5A	3360 - 111
4506424	3H18	1A	3360 - 115
4506424	3H18	32A	3360 - 115
4506424	3H18	33A	3360 - 115
4506424	3H18	53A	3360 - 115
4506424	3H20	24	3360 - 117
4506424	3I5	20A	3401 - 3
4506424	3I7	6A	3401 - 5
4506424	3I7	7A	3401 - 5
4506424	3K6	12	4360 - 11
4506428	1K9	..	1369 - 3
4506428	3D24	90J	3360 - 21
4506428	3E4	90J	3360 - 25
4506428	3E8	74B	3360 - 29
4506428	3E12	74B	3360 - 33
4506430	1K9	..	1369 - 3
4506430	3G18	32	3360 - 93
4509404	2C17	18	1740 - 3
4509404	2C17	19	1740 - 3
4510173	3D12	5	3360 - 9
4510173	3D14	2	3360 - 11
4510173	3D14	10	3360 - 11
4510173	3D16	2	3360 - 13
4510173	3D18	1	3360 - 15
4510173	3D20	1	3360 - 17
4510494	3G20	5	3360 - 97
4514388	2H17	56	2160 - 11
4514388	2H19	56	2160 - 13
4514388	2H21	38	2160 - 15
4514388	2H23	38	2160 - 17
4604209	2C17	2	1740 - 3
4604209	2C23	0	1740 - 9
4613243	2G15	27	1910 - 15
4613913	2E12	0	1810 - 35
4614911	1J10	0	0515 - 5
4640468	2E12	0	1810 - 35
494918	2D17	8	1810 - 15
494918	2D19	61	1810 - 17
5004653	2E16	11	1810 - 39
6014634	2E10	0	1810 - 33
6014737	2E14	0	1810 - 37
6014741	2E14	2	1810 - 37
6016127	2F5	4	1830 - 3
604647	3B15	20	3302 - 7
604650	3B15	20	3302 - 7
604652	3B15	20	3302 - 7
604653	3B15	20	3302 - 7
604664	3B11	20	3302 - 3
604667	3B11	20	3302 - 3
604669	3B11	20	3302 - 3
604670	3B11	20	3302 - 3
604671	3B11	20	3302 - 3
604672	3B11	20	3302 - 3
607048	3B11	14	3302 - 3
607048	3B15	14	3302 - 7
7029259	3C16	0	3315 - 19
7029266	2E8	0	1810 - 31
7029267	2E8	3	1810 - 31
7029268	2E8	33	1810 - 31
7031050	3H18	52	3360 - 115
7031409	3C4	10	3315 - 7
7032230	2E24	0A	1821 - 5
7032622	2F5	9	1830 - 3
7033089	3J20	6	3415 - 3
7035765	2F5	9	1830 - 3
7041264	2G21	4	1910 - 21
7041265	2G21	6	1910 - 21
8050179	3C24	7	3340 - 3
8050210	3J23	36	4360 - 3
8053499	2I4	24	2160 - 23
8059789	3H18	29	3360 - 115
8060011	2H13	23	2160 - 7
8060011	2H15	23	2160 - 9
8060298	3E20	0	3360 - 41
8060350	3D12	2	3360 - 9
8060510	1C7	23	0260 - 7
8060883	2E8	6	1810 - 31
8060884	2E8	9	1810 - 31
8060885	2B13	34	1674 - 9
8060885	2E8	15	1810 - 31
8060886	3C16	11	3315 - 19
8061123	2E24	0B	1821 - 5
8061138	3C16	9	3315 - 19
8061563	2E24	0C	1821 - 5
8061717	2E8	30	1810 - 31
8062343	3H14	55	3360 - 111
8062344	3H14	56	3360 - 111
8062469	3D20	0	3360 - 17
8062623	3C6	2	3315 - 9
8062667	3C6	0	3315 - 9
8062860	3E20	8	3360 - 41
8063718	3C12	30	3315 - 15
8064356	3D6	6	3360 - 3
8064677	3I19	10	3401 - 17
8064678	3I19	9	3401 - 17
8064822	3H18	47	3360 - 115
8066354	1J10	3	0515 - 5
8066670	2I4	12	2160 - 23
8067575	2F5	12	1830 - 3
8068030	3I21	2	3401 - 19
8068031	3I13	1	3401 - 11
8068043	2F5	10	1830 - 3
8068058	2E24	0H	1821 - 5
8068766	3J20	30	3415 - 3
8069533	3J20	16	3415 - 3
8070627	2H5	5	2002 - 5
8073968	2B15	14	1674 - 11
8073968	2B15	16	1674 - 11
8075450	3C6	0	3315 - 9
8076066	2H5	4	2002 - 5
8076228	2H3	1	2002 - 3
8076486	3I19	25	3401 - 17
8086116	3G20	27	3360 - 97
8748549	3J20	38	3415 - 3
9092402	1B16	2	0130 - 15
9101513	3C4	11	3315 - 7
9107265EX	1C15	0	0260 - 15
9108066	3C4	12	3315 - 7
9134109	1C9	32	0260 - 9
9134110	1C9	17	0260 - 9
9134110	2H13	54	2160 - 7
9134110	2H15	54	2160 - 9
9134110	2H17	67	2160 - 11
9134110	2H19	67	2160 - 13
9134111	2H13	43	2160 - 7
9134111	2H15	43	2160 - 9
9134111	2H17	80	2160 - 11
9134111	2H19	80	2160 - 13
9134112	1C9	30	0260 - 9
9144133	3C12	7	3315 - 15
9147525	1C7	9	0260 - 7
9148471	1C7	38	0260 - 7
9148471	1C9	0	0260 - 9
9148472EX	1C5	0	0260 - 5
9148472EX	1C7	0	0260 - 7
9148921	3J23	0	4360 - 3
9149152	1K2	5	0560 - 7
9149507	3D14	16	3360 - 11
9149508	3D14	15	3360 - 11
9149510	3D14	17	3360 - 11
9150151EX	3G20	51	3360 - 97
9151724	3C12	6	3315 - 15
9151782	3C10	1	3315 - 13
9151782	3C12	0	3315 - 15
9152593EX	2H9	1	2160 - 3
9152593EX	2H13	0	2160 - 7
9152594	2H17	69	2160 - 11
9152594	2H21	0	2160 - 15
9156582EX	3C2	1	3315 - 5
9156582EX	3C4	0	3315 - 7
9158023	2H19	69	2160 - 13
9158023	2H23	0	2160 - 17
9159228	2H11	1	2160 - 5
9159228	2H15	0	2160 - 9
9159923	1C9	19B	0260 - 9
9159923	1C11	0	0260 - 11
9161620EX	2C21	10	1740 - 7
9164866	1C17	40	0260 - 17
9168999	3J4	31	3401 - 25B
9168999	3J6	29	3401 - 25D
9169000	3I19	26	3401 - 17
9169000	3J10	31	3401 - 27B
9169000	3J12	29	3401 - 27D
9187647	3J8	31	3401 - 27
9187647	3J10	31	3401 - 27B
9187647	3J12	29	3401 - 27D
9187648	3J2	31	3401 - 25
9187648	3J4	31	3401 - 25B
9187648	3J6	29	3401 - 25D
9200504	3H22	26	3360 - 119
9207252	1J10	6	0515 - 5
9218033	2H15	28	2160 - 9
9218033	2I2	0	2160 - 21
94-2010	3D2	49	3340 - 5
94-2011	1B8	7	0130 - 7
94-2011	1B16	8	0130 - 15
94-2011	1J22	3	0560 - 3
94-2011	2I4	21	2160 - 23
94-2012	3J23	37	4360 - 3
94-2013	1C5	34	0260 - 5
94-2013	1J22	8	0560 - 3
94-2023	3D4	2	3344 - 3
94-2807	2G15	27	1910 - 15

NUMERICAL INDEX - CONTINUED

PART NO.	GRID	KEY	PAGE
94-2817	2E6	3	1810 - 29
957474	1K9	..	1369 - 3
962002	2H13	6	2160 - 7
962002	2H13	16	2160 - 7
962002	2H15	6	2160 - 9
962002	2H15	16	2160 - 9
970860	1K9	..	1369 - 3
9724756	2H17	32	2160 - 11
9724756	2H19	32	2160 - 13
9735190	3C24	6	3340 - 3
9735305	3F12	9	3360 - 57
9735306	3F12	10	3360 - 57
9735916	3H18	46	3360 - 115
9736515	2H13	57	2160 - 7
9736515	2H15	57	2160 - 9
9737118	3D12	0	3360 - 9
9738682	2G21	26	1910 - 21
9738975	2I8	12	2160 - 27
9739018	3H18	24	3360 - 115
9741920	3C14	19	3315 - 17
9741921	3C14	17	3315 - 17
9742464	2H17	18	2160 - 11
9742464	2H19	18	2160 - 13
9742779	2H13	40	2160 - 7
9742779	2H15	40	2160 - 9
9742788	3J23	17	4360 - 3
9743487	2E8	12	1810 - 31
9743595	3C16	13	3315 - 19
9743628	2E8	23	1810 - 31
9743671	3G4	15	3360 - 73
9745380	1C11	5	0260 - 11
9745521	2H13	39	2160 - 7
9745521	2H15	39	2160 - 9
9745785	2B13	20	1674 - 9
9745906	3J20	1	3415 - 3
9746294	2B7	1	1674 - 3
9746961	3I7	31	3401 - 5
9754977	3J20	1	3415 - 3
9756079	1J10	6	0515 - 5
985099	3E2	9	3360 - 23
985099	3E6	9	3360 - 27
985099	3E18	9	3360 - 39

PART NO.	GRID	KEY	PAGE

PART NO.	GRID	KEY	PAGE