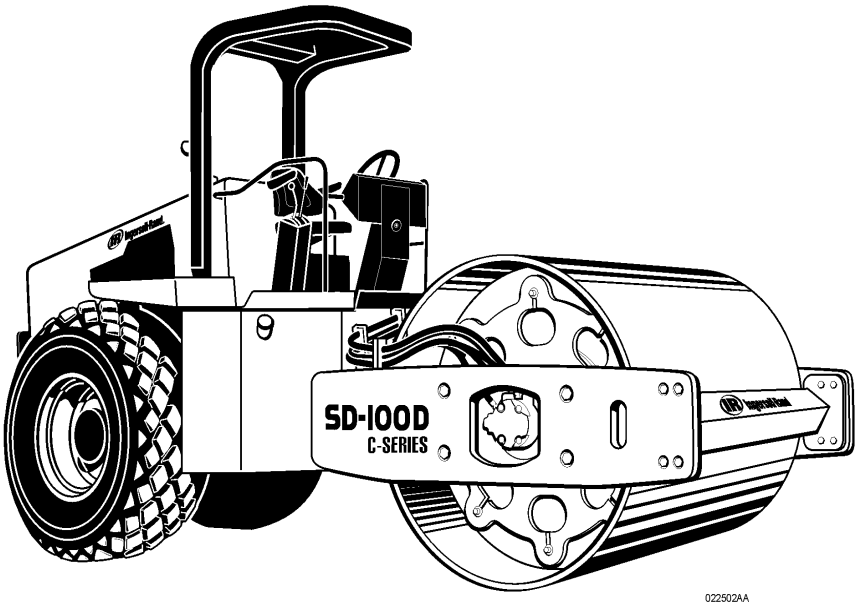
RUTHZIL TRATOR COMERCIAL DE PEÇAS LTDA 11 97083-6812 ROLANDO

INGERSOLL

PARTS BOOK
SD-100D C
VIBRATORY COMPACTOR
Effective with S/N 196592



CPN: 13525761

September 26, 2007

HOW TO USE THIS MANUAL

This Parts Manual applies to all SD-100D C Series VIBRATORY COMPACTOR

When the Comm. # is <u>not</u> Known - Use the Word Index:

- Volvo's Word Index will make this item easy to locate. The Word Index is found in the very back of the book. The items listed are in alphabetical order and may be repeated several times depending on their functional descriptions.

- Let's assume you need to replace the PRIMARY AIR CLEANER FILTER ELEMENT.

Use any of the functional words in the item description to locate the desired item. Example: The first listing for the Primary Air Cleaner Filter Element in the **Word Index** is: Air Cleaner Primary Filter Element. The index shows the component will be found on page C.4.3 that is the **Parts List** page number for the Air Cleaner Assembly.

A
Air Cleaner Primary Filter Element _____ C.4.3
Air Cleaner Safety Filter Element _____ C.4.3
Air Cleaner _____ C.4.3
Air Valve _____ A.2.3
Alarm, Backup _____ B.5.3
Alternator Belt Guard _____ C.2.5
Alternator _____ C.2.3
Arch ROPS _____ A.5.3
Articulation Pin _____ B.1.3
Audible Alarm Wiring Harness _____ E.6.3
Axle Drive Motor _____ A.1.3

- The item is also listed as:

Element, Air Cleaner Primary Filter
Filter Element, Air Cleaner Primary
Primary Filter Element, Air Cleaner

Using the Parts Identification Pages:

- The **PARTS IDENTIFICATION PAGES** consist of the **PARTS ILLUSTRATION** (even numbered pages) and the **PARTS LIST** (odd numbered pages).

- The **Parts Illustration** shows the assembly with its component parts identified by I**tem Numbers.**

- On the **Parts List**, the components are listed in **Item Number** order as found in the **ITEM** column. Other information provided by the **Parts List** is the **Comm. Number** which will be required to order Genuine VolvoVolvo Replacement Parts, a **functional description**, the **quantity** required to assemble one complete assembly, and any additional **notes/ dimensions** required to help place your parts order.

- **For the example: The Air Cleaner** Primary Filter Element is listed under the Air Cleaner (Item 1), Comm. Number 13277983, Quantity of 1.

When the Comm. # is <u>not</u> known - Use the Table of Contents:

- Turn to the **TABLE OF CONTENTS** pages in the front of this manual. These pages show the major systems of the machine divided into **FUNCTIONAL GROUPS** (identified by capital letters).
- Find the **Functional Group** that best describes the area of the machine you are interested in. For example: Air Cleaner Assembly
- See the sample **Table of Contents** shown below:

ENGINE

C

Engine Installation C.1.2
Engine Assembly C.2.2
Pump Stack Assembly.....C.3.2
Air Cleaner Assembly C.4.2
Exhaust Assembly.....C.5.2
Remote Oil Drain Assembly C.6.2

Listed under the **Functional Group** of Engine are **SECTIONS** (identified by numbers that describe major repairable components of that group. Find the listing that refers to the Engine Assembly.

- Since the Air Cleaner **Primary Filter Element** is what needs to be replaced, refer to the parts listing for the Air Cleaner Assembly. The Air Cleaner used on your machine is found in **Functional Group C.; Section 4,** this makes up the first part of the page number. Turn to that section of the parts manual and find the parts listing on page **C.4.3** for the Air Cleaner **(13277983)**.

When the Comm. # <u>is</u> Known - Use the Numerical Index:

- If you already know the **Comm. Number** (part number) for the item required, a **NUMERICAL INDEX** is provided in the back of the manual to assist you. Look up the **Comm. Number** desired and the **Numerical Index** will show the **Functional Group, Section, and Page Number** where the item can be found.

For our Primary Air Cleaner Filter Element Example: The **Comm. Number** 13255443 is found in the **Numerical Index**, it shows that component will be found on pages C.4.3 that is the Parts List page for the Engine Assembly.

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STANDARD ABBREVIATIONS

AC	Alternating Current
A/R	As Required
ARC	Authorized Rebuilt Component
Assy	Assembly
BHCS	Button Head Cap Screw
Cu Yd	Cubic Yard
Cyl	Cylinder
DC	Direct Current
Dia	Diameter
Eff	Effective
FHCS	Flat Head Cap Screw
F-N-R	Forward-Neutral-Reverse
FOPS	Falling Object Protection System
F/P	Fork Positioning
Gr	Grade
HHCS	Hex Head Cap Screw
HHMS	Hex Head Machine Screw
HSBHCS	Hex Socket Button Head Cap Screw
HSCHCS	Hex Socket Countersunk Head Cap Screw
ID	Inside Diameter
LH	Left Hand
M	Metric
MIK	Maintenance Interval Kit
mm	Millimeter
Nat Asp	Naturally Aspirated
Neg	Negative
NI	Not Ilustrated
NSS	Not Sold Separately
NSVA	Non Serviceable Assembly
OD	Outside Diameter
Pos	Positive
PSI	Pounds per Square Inch
Q/A	Quick-Attach
Ref	Reference
RH	Right Hand
RHSS	Round Head SelfTapping Screw
ROPS	Roll-Over Protection System
RPM	Revolutions Per Minute
SAE	Society of Automotive Engineers
Sec	Section
SFH	Slotted Fillister Head
SHCS	Socket Head Cap Screw
SMV	Slow Moving Vehicle
S/N	Serial Number
SPST	Single Pole/Single Throw
S.T.	Self-Tapping
Std	Standard
Str	Straight
Sw	Swivel
Tach	Tachometer
Temp	Temperature
Thd	Thread
Thk	Thick
Typ	Typical
UNC	Unified Coarse
UNF	Unified Fine
Univ	Universal
Var	Variable
V	Volt
VPM	Vibrations Per Minute
Wgt	Weight
w/	With
w/o	Without
Wp	Weatherproof

Recommended Service Parts

Description	Yr 1 QTY	Yr 2 QTY	Yr 3 QTY	CPN
AXLE AND WHEEL INSTALLATION				
SHAFT SEAL ASSEMBLY	0	0	1	13263553
O-RING	2	2	0	59993881
AXLE DRIVE MOTOR	0	0	1	13157797
NUT	0	20	0	59163758
VALVE	0	2	0	59524447
BEARING	0	4	0	59146613
VALVE CAP	2	2	2	59929711
STEERING WHEEL AND HORN INSTALLATION				
HORN BUTTON	1	1	0	59159558
STEERING VALVE	0	0	1	54669544
SEAL KIT	0	0	1	54747340
STEERING COLUMN	0	0	1	58858580
HORN	1	1	1	13469010
STEERING WHEEL	0	0	1	58858564
SEAT INSTALLATION				
KNOB	0	0	1	58059601
KNOB	0	0	1	59648394
CONTROL	1	1	0	59815449
KNOB	0	1	0	59899641
CABLE	2	2	0	59815431
OPERATORS PLATFORM INSTALLATION				
CABLE	0	0	1	59607861
FERRULE	0	0	2	59607853
CLAMP INSERT	0	0	4	59618579
BATTERY INSTALLATION				
COVER PLATE	0	0	1	59583450
BATTERY	0	1	0	59436931
WIRING HARNESS INSTALLATION				
FUEL GAUGE	1	1	0	58822321
SWITCH, EMERGENCY STOP	0	1	0	59111450
GAUGE,TACHOMETER	0	0	1	59122648
LIGHT CLUSTER	0	1	0	59104000
IGNITION SWITCH NUT	0	0	1	58924333
DUST BOOT	0	1	0	59108605
BREAKER	1	1	1	59811018
SWITCH, BRAKE	1	1	0	59121756
KEY	1	1	1	58917261
DUST BOOT	0	1	0	59108100
HOURMETER	1	1	0	59165001

+Designates parts that are to be replaced within the specified time intervals as stated in the maintenance schedule.

Description	Yr 1 QTY	Yr 2 QTY	Yr 3 QTY	CPN
SWITCH, SPST	1	1	0	59121723
IGNITION SWITCH	0	1	0	59126946
DRUM AND SWIVEL INSTALLATION				
O-RING	5	5	5	50278019
PIPE PLUG	2	2	0	59600593
VIBRATION MOTOR	0	0	1	13197447
REPAIR KIT	0	0	1	59234518
SEAL KIT	0	0	1	13262746
SEAL	0	0	1	59941203
SHOCK MOUNT	0	10	0	13304787
BEARING	2	2	0	50268127
SIGHT GAUGE	0	1	0	59277772
SEAL,SWIVEL FRAME	0	2	0	59103804
ARTICULATION PIN	0	0	2	58977703
MAGNETIC PLUG	0	0	2	59144428
PIVOT PIN	4	4	0	59190975
V-RING SEAL	0	0	1	13167390
ROLL PIN	4	4	0	95098679
WEAR SLEEVE	0	0	1	59277756
SEAL KIT	0	0	2	13228234
HYDRAULIC CYLINDER	0	0	2	13188339
BEARING	2	2	0	50268242
SEAL	2	2	0	50268861
OSCILLATION PIN	0	0	1	58977711
BEARING	2	2	0	50268259
SEAL	2	2	0	50268879
COUPLING	1	1	0	59613612
OIL SEAL	0	0	1	59277764
GREASE FITTING CAP	0	0	5	50270248
DRUM DRIVE MOTOR	0	0	1	13320551
MAIN FRAME INSTALLATION				
THERMAL BYPASS VALVE	0	0	1	59186346
BEARING	2	2	0	50268127
SIGHT GAUGE	0	0	1	59991992
FUEL CAP	0	1	0	59058057
TANK FILTER	0	2	0	58855099
GASKET	0	0	1	13305099
REDUCER	0	1	0	59743013
PIPE PLUG	2	2	0	59600593
BRAKE VALVE	0	0	2	13289699
FUEL LEVEL SENDER	0	0	1	59008482

+Designates parts that are to be replaced within the specified time intervals as stated in the maintenance schedule.

Description	Yr 1 QTY	Yr 2 QTY	Yr 3 QTY	CPN
THROTTLE ASSEMBLY				
LEVER	0	0	1	59219279
SCREW	0	2	0	95860052
NUT	0	4	0	95943346
CONTROL CABLE	0	0	1	59161257
ENGINE COWLING AND HOOD INSTALLATION				
BREATHER, FILTERED VENT	1	1	0	59093351
BREATHER/CHECK VALVE VENT	0	0	1	59127845
AIR CLEANER INSTALLATION				
SAFETY FILTER ELEMENT	1	1	1	35328442
FILTER ELEMENT	2	2	0	59587196
FILTER	2	2	2	59984559
PRIMARY FILTER ELEMENT	1	1	1	35318252
INDICATOR SWITCH	0	0	1	59873984
NUT ASSEMBLY	2	2	0	50938935
AIR CLEANER	1	1	1	39144019
CLAMP ASSEMBLY	1	1	0	50938943
STEERING HOSING INSTALLATION				
CLAMP INSERT	0	0	4	59618579
ENGINE INSTALLATION				
O-RING	2	2	2	50278019
COUPLING	0	1	0	59286336
CLEVIS ASSEMBLY	0	1	0	59604835
CLEVIS	0	1	0	59662312
U-CLAMP	0	0	1	50266972
FUEL/WATER SEPARATOR FILTER	1	1	1	59728196
FUEL FILTER	1	1	1	58827932
SEAL KIT	0	0	1	58898677
STEERING PUMP	0	0	1	58858820
ENGINE FAN	0	1	0	59819292
MUFFLER	0	0	1	13241658
SHAFT SEAL KIT	0	0	1	13167937
CLAMP KIT	0	0	1	59588418
CENTER BONDED MOUNT	0	2	0	59097162
VARIABLE PISTON PUMP	0	0	1	54520622
FAN BELT	0	1	0	59309104
SWITCH, WATER TEMPERATURE	0	0	1	59164251
SWITCH, OIL PRESSURE	0	0	1	59971457
STARTER	0	0	1	13360516
BACK-UP ALARM INSTALLATION				

+Designates parts that are to be replaced within the specified time intervals as stated in the maintenance schedule.

Description	Yr 1 QTY	Yr 2 QTY	Yr 3 QTY	CPN
CONNECTOR	0	0	1	59434209
ALARM	1	1	0	59426924
BACKUP ALARM SWITCH	0	0	1	59164970
ROPS/FOPS INSTALLATION				
SEAT BELT	0	0	1	59433649
TRACTION HOSING INSTALLATION				
O-RING	2	2	0	59993881
RADIATOR/OIL COOLER INSTALLATON				
RADIATOR HOSE, BOTTOM	0	0	1	13274055
CAP	0	1	0	59154807
RADIATOR HOSR, TOP	0	0	1	13274048
RECOVERY BOTTLE	0	0	1	58802851
RADIATOR CAP	1	1	1	59498790

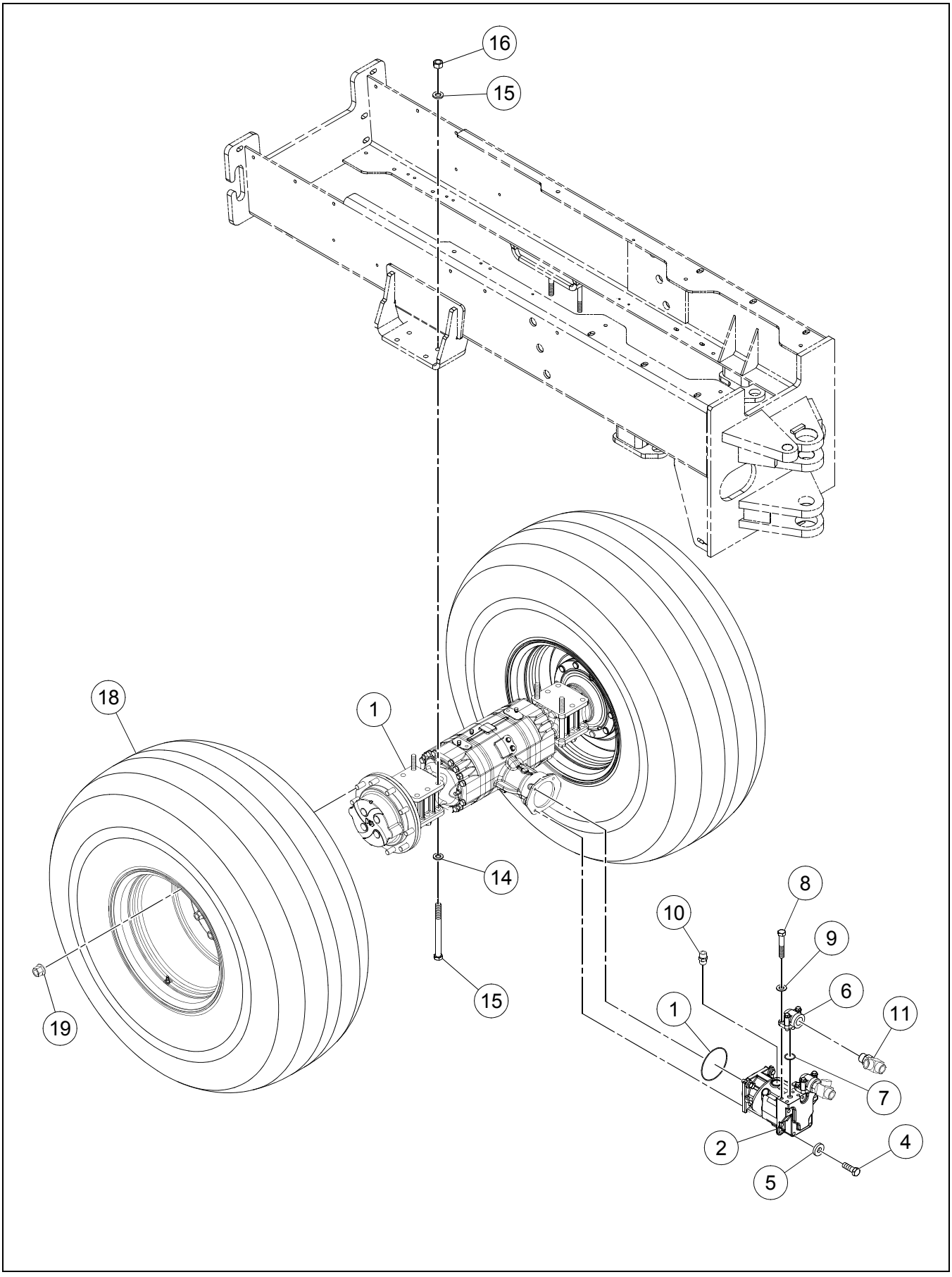
+Designates parts that are to be replaced within the specified time intervals as stated in the maintenance schedule.

+Designates parts that are to be replaced within the specified time intervals as stated in the maintenance schedule.

Section A - AXLE AND MAIN FRAME

AXLE AND WHEEL INSTALLATION

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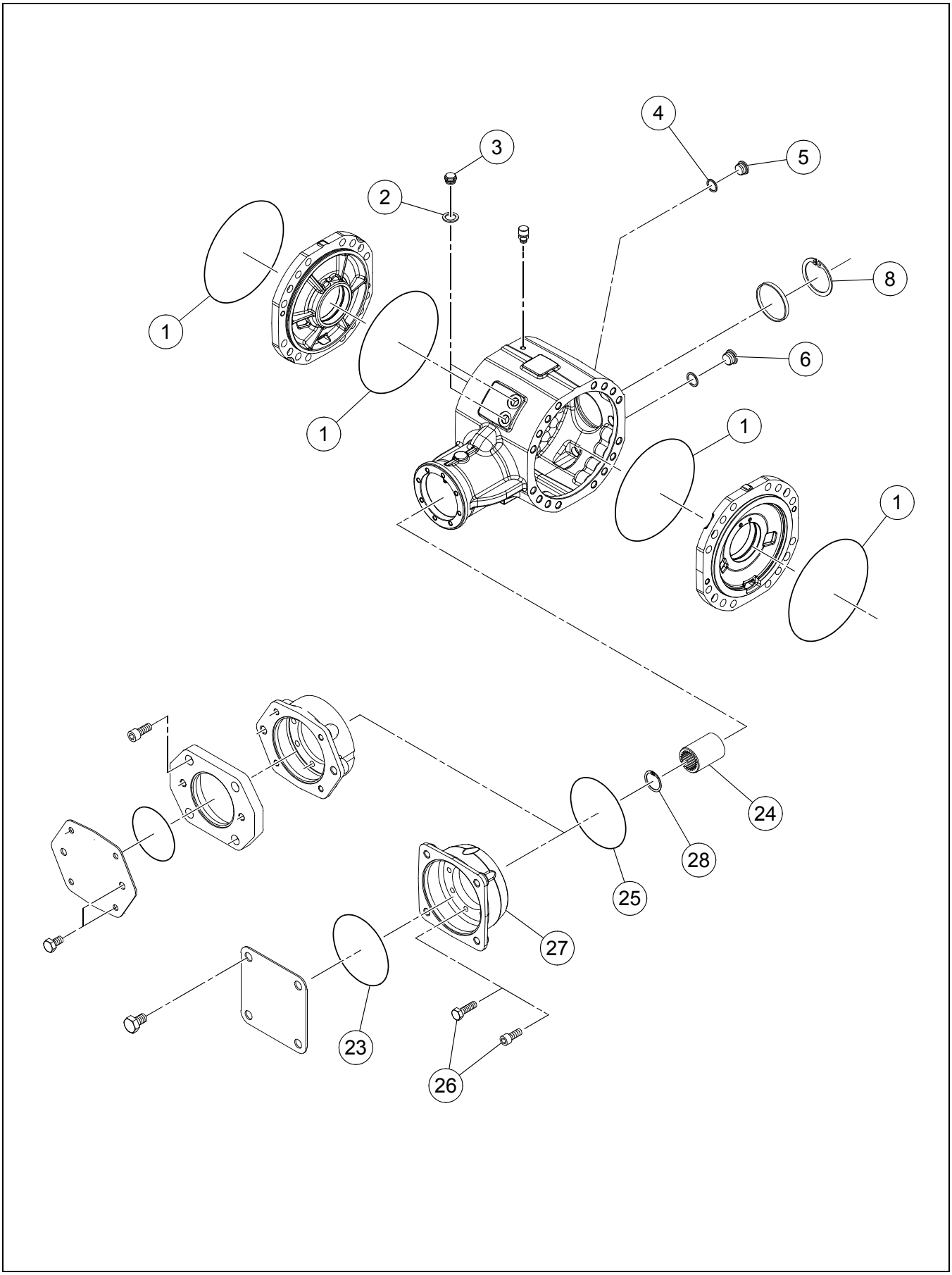
AXLE AND WHEEL INSTALLATION

****Only Offered Parts Listed****

BOM 13289624

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	**NSVA**	**AXLE ASSEMBLY**	**1**	**See Page A - 4.**
2	**NSVA**	**AXLE DRIVE MOTOR**	**1**	**See Page A - 10.**
4	96702329	HHCS CL 8.8,YEL ZN	4	M12-1.75X35
5	96712237	FLATWASHER	4	
6	58979964	ELBOW	2	
7	59993881	O-RING	2	
8	95931614	HHCS	8	7/16-14X2.5
9	95922381	FLATWASHER	8	
10	95356960	ADAPTER	1	
11	59923102	ADAPTER	2	
14	96741863	HHCS CL 10.9,YEL ZN HR	8	M20-2.5X220
15	96701560	WASHER	16	
16	96703665	HEX NUT	8	M20X2.5
18	13184619	TIRE AND WHEEL ASSEMBLY	2	
-	59290288	- WHEEL	2	
-	59929711	- VALVE CAP	2	
-	59524447	- VALVE	2	
-	50275536	- TIRE	2	23.1 X 26
19	59163758	NUT	20	M22X1.5

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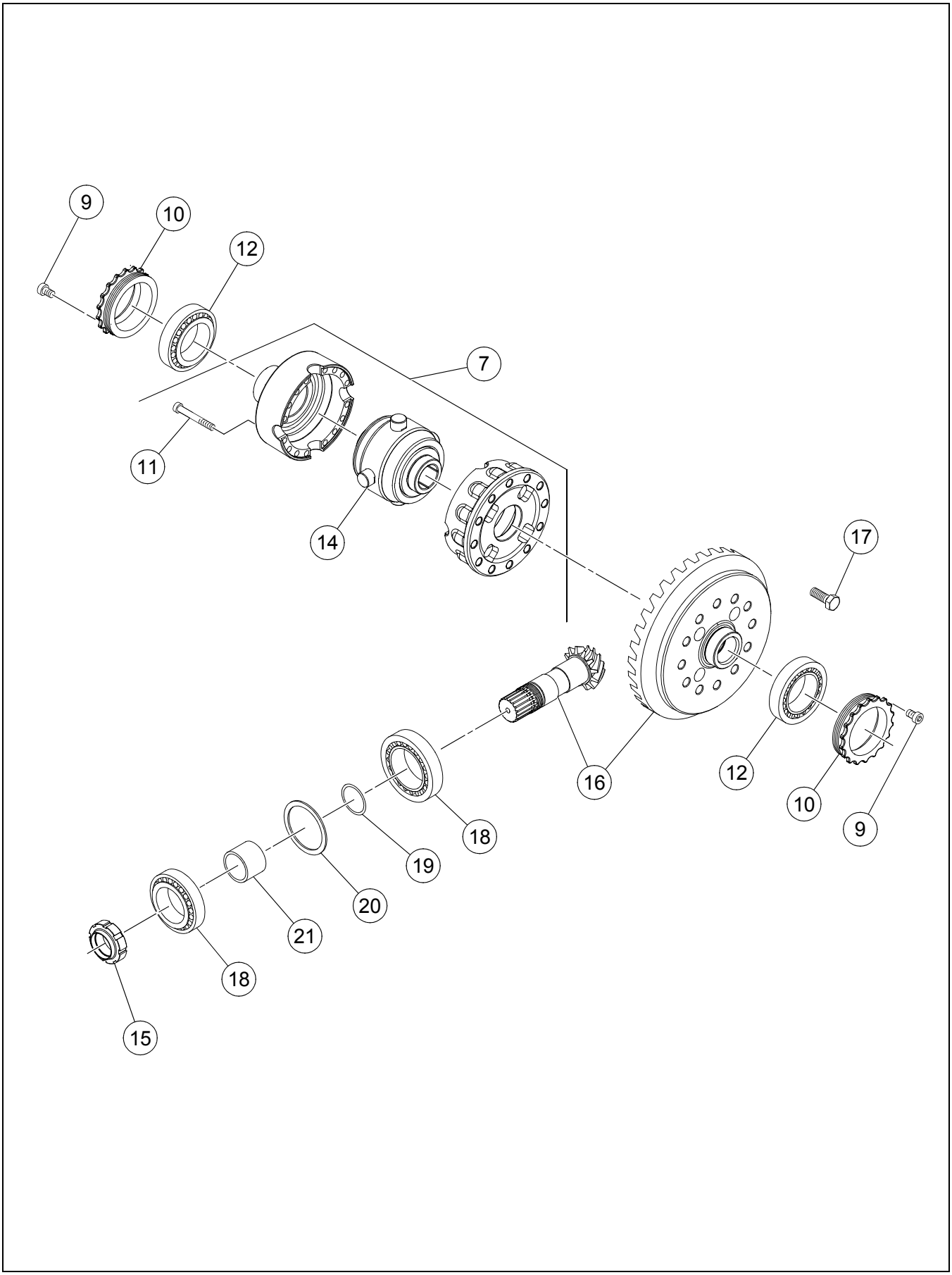
AXLE ASSEMBLY - SHEET 1 OF 3

****Only Offered Parts Listed****

BOM 13157565

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	13263470	O-RING	4	
2	13243753	SEAL WASHER	2	
3	59430694	BOLT	2	
4	59794123	SEAL WASHER	1	
5	59146241	MAGNET PLUG	1	
6	59794115	PLUG	1	
7	13263355	DIFFERENTIAL KIT	1	
8	59790824	CLIP	1	
9	59146290	BOLT	2	
10	59146274	NUT	2	
11	13263314	CYLINDER BOLT	16	
12	59793786	BEARING	2	
14	13263322	DIFFERENTIAL	1	
15	59218321	RING NUT	1	
16	13263330	BEVEL GEAR SET	1	
17	54632781	BOLT	12	
18	59769661	TAPPER ROLLER BEARING	2	
19	59154179	SHIM	1	
19	59154187	SHIM	1	
19	59154195	SHIM	1	
19	59794149	SHIM	1	
20	59154120	SHIM	1	
20	59154138	SHIM	1	
20	59154146	SHIM	1	
20	59154153	SHIM	1	
21	59146381	SPACER	1	
22	13263363	BOLT	1	
23	90502592	O-RING	1	
24	13263371	BUSHING	1	
25	58916628	O-RING	1	
26	90502949	CYLINDER BOLT	8	
27	13266846	ADAPTER	1	
28	13263389	CIRCLIP	1	
29	13229083	SPRING WASHER	32	
30	13263405	BOLT	24	
31	59794115	PLUG	4	
32	59146241	MAGNET PLUG	2	
33	59146605	SEAL	2	
34	13263413	HALF SHAFT	2	
35	54633185	WHEEL STUD	20	
36	58974155	O-RING	2	
37	59146613	BEARING	4	

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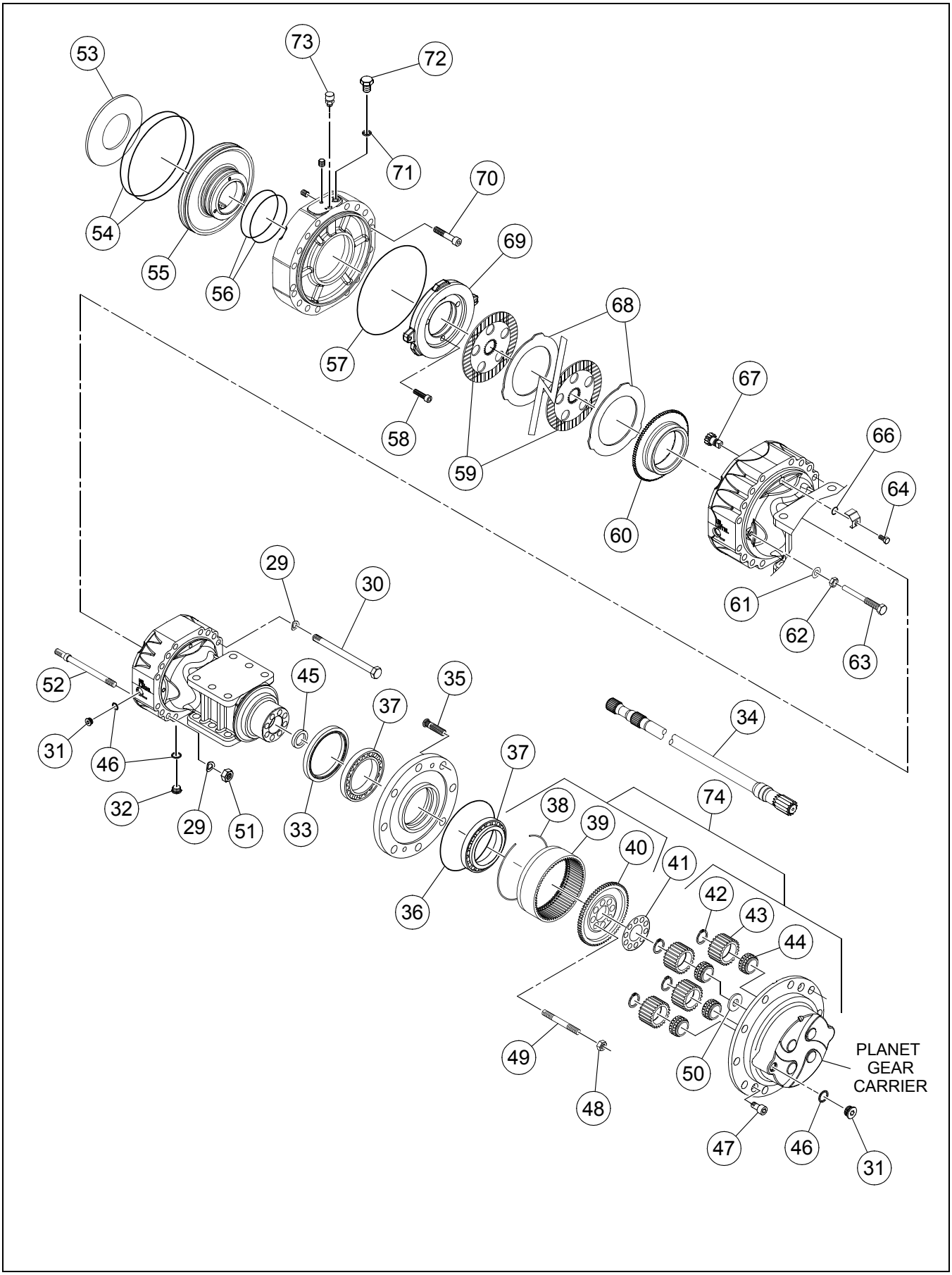


Only Offered Parts Listed

BOM 13157565

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
38	59153627	CIRCLIP	2	
39	59243162	RING GEAR	2	
40	59242834	RING GEAR SUPPORT	2	
41	59153650	LOCKING PLATE	2	
42	59146654	CIRCLIP	8	
43	59146662	GEAR	8	
44	59146670	BEARING	8	
45	59242842	SEAL	2	
46	59794123	SEAL WASHER	6	
47	59246835	TAPPERED BOLT	4	
48	59153619	NUT	16	
49	59153601	STUD	16	
50	59242867	FRICTION WASHER	2	
51	13229190	NUT	8	
52	13263439	STUD	2	
53	59218461	SPRING	2	
54	13263447	O-RING	4	
55	13263454	PISTON	2	
56	13263462	O-RING	4	
57	13263470	O-RING	2	
58	59146282	BOLT	6	
59	54705447	BRAKE DISC	8	
60	13263488	RING	2	
61	90502816	WASHER	4	
62	58917014	NUT	4	
63	13263496	ADJUSTING BOLT	4	
64	59793752	BOLT	2	
66	59309393	O-RING	2	
67	59309385	PINION	2	
68	59153759	INTERMEDIATE BRAKE DISC	8	
69	13263504	DISC	2	
70	13263512	BOLT	2	
71	59153858	SEAL WASHER	2	
72	59153866	BOLT	2	
73	59146233	VENT	2	
74	13247416	PLANET GEAR CARRIER KIT	2	

13244728 REV 01

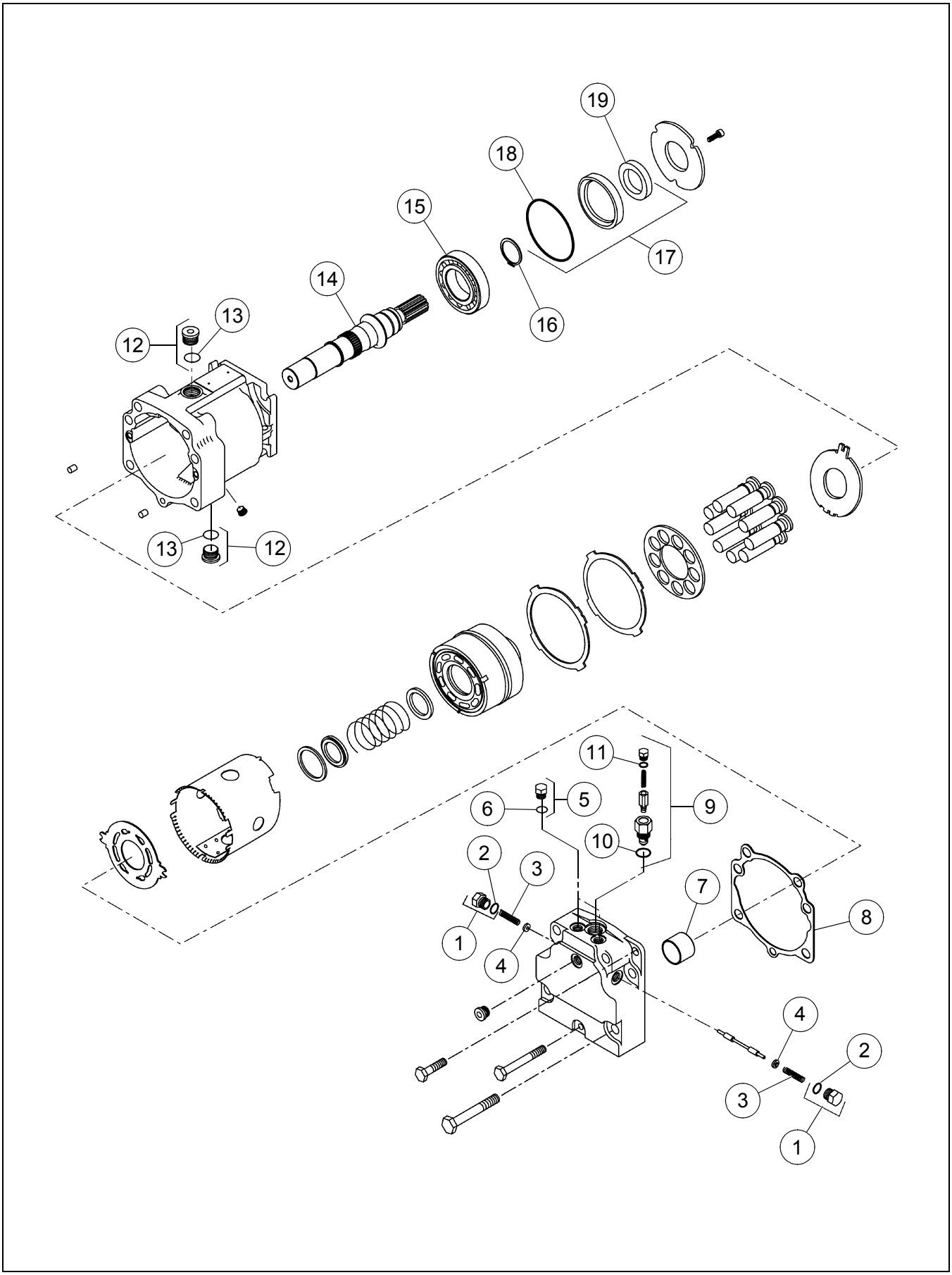


Only Offered Parts Listed

BOM 13157565

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
38	59153627	CIRCLIP	2	
39	59243162	RING GEAR	2	
40	59242834	RING GEAR SUPPORT	2	
41	59153650	LOCKING PLATE	2	
42	59146654	CIRCLIP	8	
43	59146662	GEAR	8	
44	59146670	BEARING	8	
45	59242842	SEAL	2	
46	59794123	SEAL WASHER	6	
47	59246835	TAPPERED BOLT	4	
48	59153619	NUT	16	
49	59153601	STUD	16	
50	59242867	FRICTION WASHER	2	
51	13229190	NUT	8	
52	13263439	STUD	2	
53	59218461	SPRING	2	
54	13263447	O-RING	4	
55	13263454	PISTON	2	
56	13263462	O-RING	4	
57	13263470	O-RING	2	
58	59146282	BOLT	6	
59	54705447	BRAKE DISC	8	
60	13263488	RING	2	
61	90502816	WASHER	4	
62	58917014	NUT	4	
63	13263496	ADJUSTING BOLT	4	
64	59793752	BOLT	2	
66	59309393	O-RING	2	
67	59309385	PINION	2	
68	59153759	INTERMEDIATE BRAKE DISC	8	
69	13263504	DISC	2	
70	13263512	BOLT	2	
71	59153858	SEAL WASHER	2	
72	59153866	BOLT	2	
73	59146233	VENT	2	
74	13247416	PLANET GEAR CARRIER KIT	2	

13244785 REV 02



AXLE DRIVE MOTOR

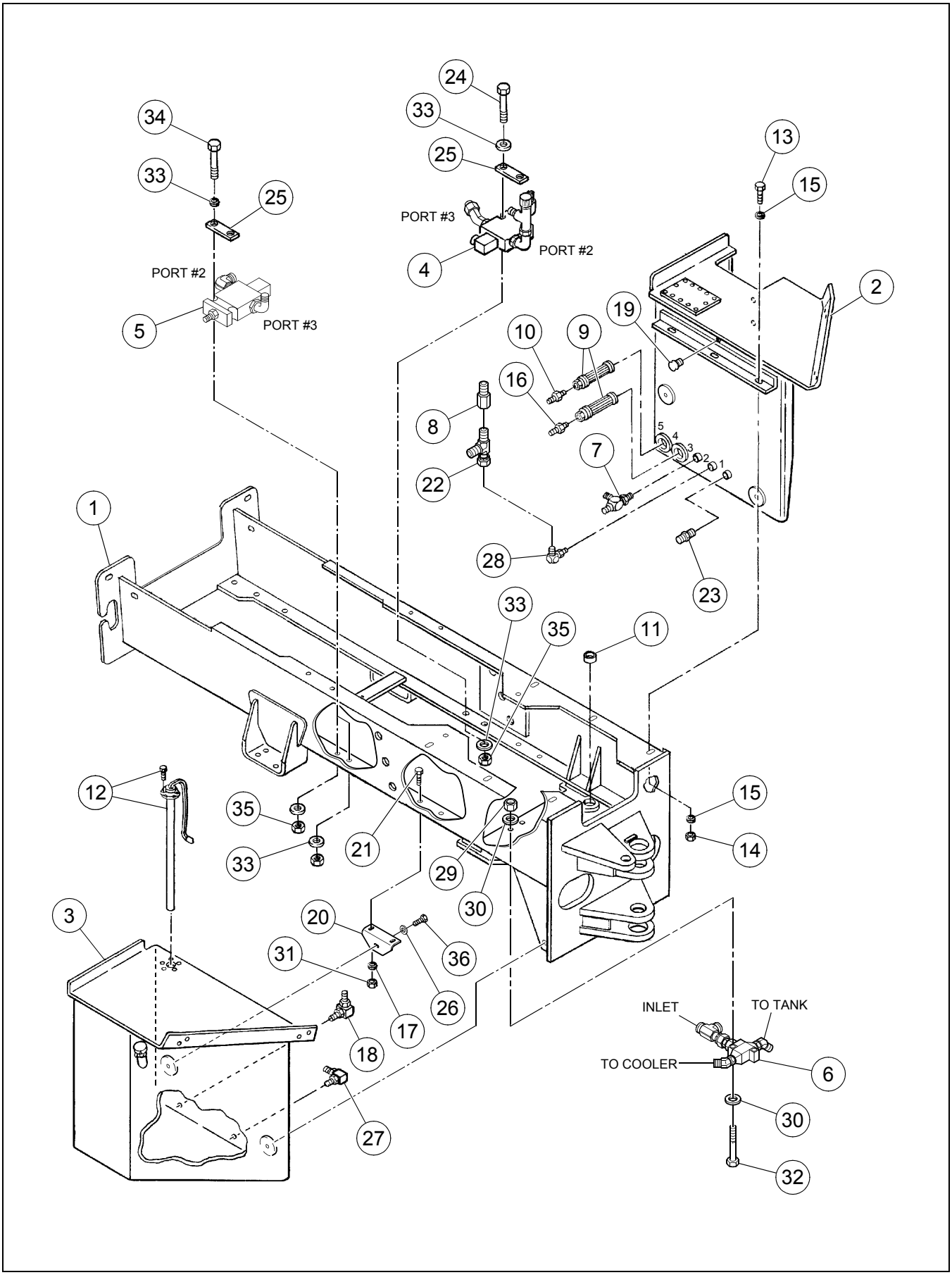
****Only Offered Parts Listed****

BOM 13157797

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	59249292	PLUG	2	
2	59698811	O-RING	2	
3	58799768	COMPRESSION SPRING	2	
4	58799750	SPRING GUIDE	2	
5	59933622	PLUG	1	
6	59698811	O-RING	1	
7	59369603	BEARING	1	
8	13263538	END CAP GASKET	1	
9	13247267	CHARGE RELIEF CARTRIDGE VALVE KIT	1	
10	59360610	O-RING	1	
11	58881863	O-RING	1	
12	59949461	PLUG	2	
13	58220567	O-RING	2	
14	59432013	SHAFT	1	
15	59369462	BEARING	1	
17	13263553	SHAFT SEAL ASSEMBLY	1	
18	59369504	O-RING	1	
19	59369496	SEAL	1	

MAIN FRAME INSTALLATION - SHEET 1 OF 2

13289608 REV 02



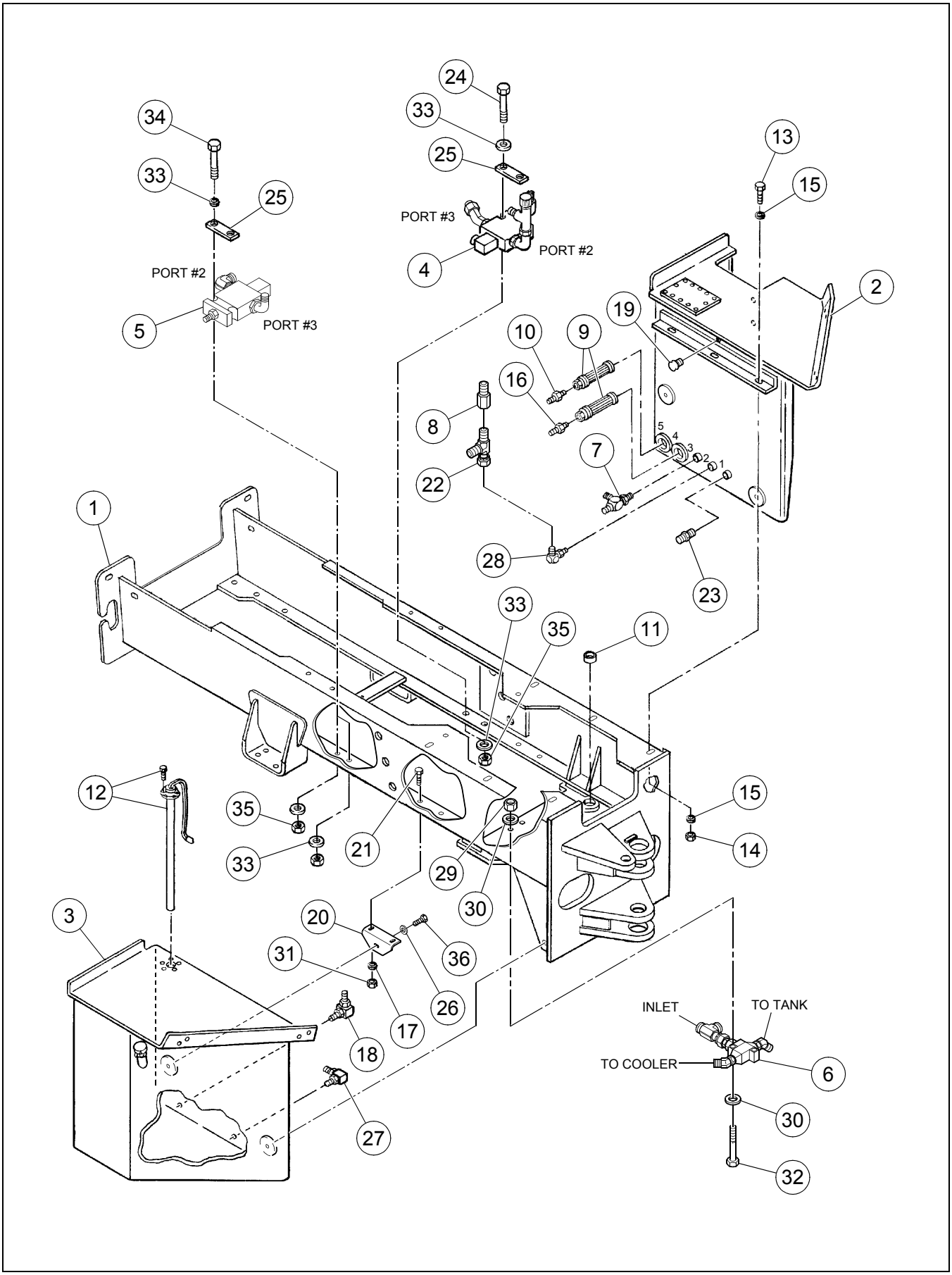
MAIN FRAME INSTALLATION - SHEET 1 OF 2

****Only Offered Parts Listed****

BOM 13289608

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	13206586	MAIN FRAME	1	
2	13206859	HYDRAULIC TANK	1	
-	95038634	- COUPLING	1	
-	13305099	- GASKET	1	
-	96721196	- FHCS CL 10.9	12	M8-1.25X16
-	95748562	- PLUG	1	
-	95038113	- REDUCER	1	
-	59600593	- PIPE PLUG	1	
-	59991992	- SIGHT GAUGE	1	
3	13206867	FUEL TANK	1	
-	59291450	- FILL NECK	1	
-	95038634	- COUPLING	1	
-	95038113	- REDUCER	1	
-	59600593	- PIPE PLUG	1	
-	59058057	- FUEL CAP	1	
4	**NSVA**	**BRAKE VALVE SUB ASSEMBLY**	**1**	**See Page A - 16.**
5	**NSVA**	**SOLENOID VALVE SUB-ASSEMBLY**	**1**	**See Page A - 18.**
6	**NSVA**	**THERMO BYPASS VALVE SUB-ASSEMBLY**	**1**	**See Page A - 20.**
7	95829263	TEE	1	
8	59743013	REDUCER	1	
9	58855099	TANK FILTER	2	
10	95219770	ADAPTER	1	
11	50268127	BEARING	2	
12	59008482	FUEL LEVEL SENDER	1	
13	96704440	HHCS CL 8.8,YEL ZN	6	M20-2.5X45
14	96703665	HEX NUT	6	M20X2.5
15	96701560	WASHER	12	
16	95316956	ADAPTER	1	
17	96701545	WASHER	8	
18	95329975	ADAPTER	1	
19	95381158	ADAPTER	2	
20	13294525	TANK MOUNT	2	
21	96702444	HHCS CL 8.8,YEL ZN	4	M12-1.75X40
22	95739306	ADAPTER	1	
23	95356960	ADAPTER	1	
24	96706817	HHCS CL 8.8,YEL ZN	2	M6-1.0X60
25	59306522	COVER PLATE	2	
26	59565044	FLATWASHER, HARDENED	8	
27	95365094	ADAPTER	1	
28	95280186	ADAPTER	1	
29	96704614	NUT	2	M10X1.5
30	96741046	FLATWASHER	4	

13289608 REV 02



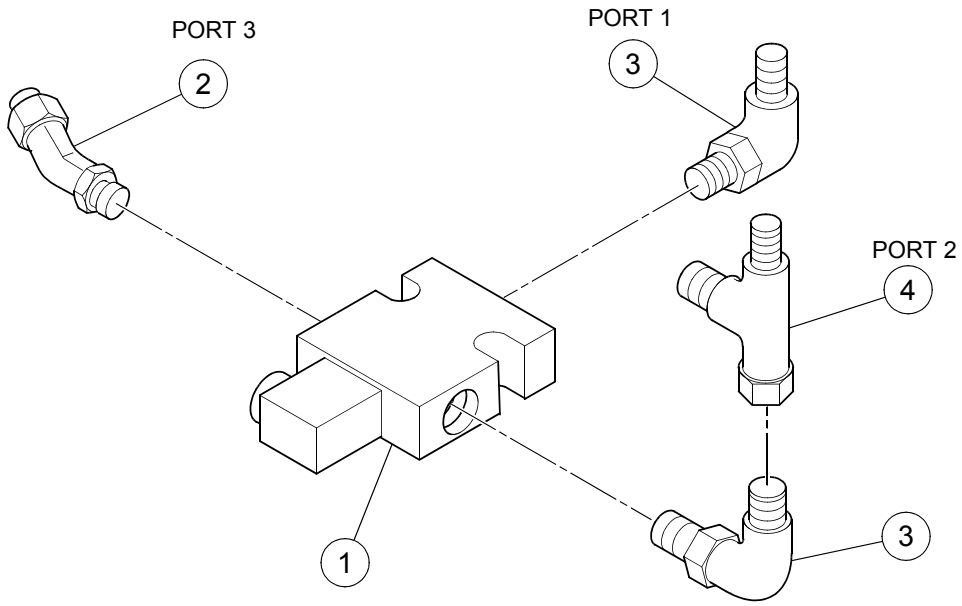
MAIN FRAME INSTALLATION - SHEET 2 OF 2

****Only Offered Parts Listed****

BOM 13289608

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
31	96702857	NUT	4	
32	96705033	HHCS CL 8.8,YEL ZN	2	M10-1.5X110
33	96741053	FLATWASHER	8	
34	96706825	HHCS CL 8.8,YEL ZN	2	M6-1.0X70
35	96704598	ESNA NUT	4	M6
36	96734546	HHCS CL 10.9,YEL ZN HR	4	M16-2X45

13289673 REV 00



BRAKE VALVE SUB ASSEMBLY

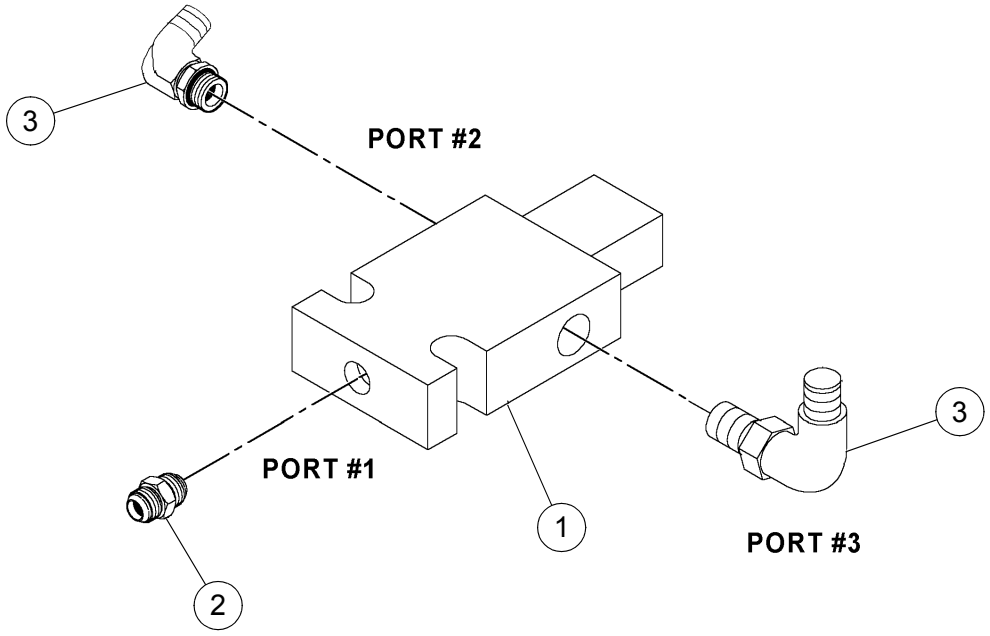
****Only Offered Parts Listed****

BOM 13289673

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	13289699	BRAKE VALVE	1	
-	58911819	- SPOOL VALVE	1	
-	13469606	- COIL	1	
-	58911827	- NUT	1	
-	13469622	- VALVE BODY	1	
2	95866687	ADAPTER	1	
3	95329975	ADAPTER	2	
4	95415667	TEE	1	

SOLENOID VALVE SUB-ASSEMBLY

13289582 REV 02



SOLENOID VALVE SUB-ASSEMBLY

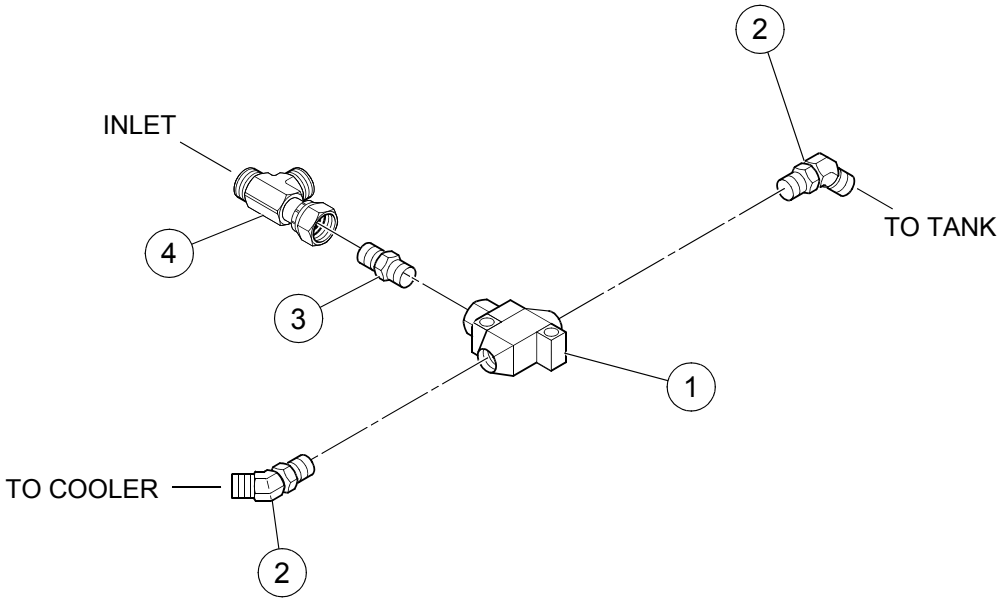
****Only Offered Parts Listed****

BOM 13289582

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	13289699	BRAKE VALVE	1	
-	58911819	- SPOOL VALVE	1	
-	13469606	- COIL	1	
-	58911827	- NUT	1	
-	13469622	- VALVE BODY	1	
2	95365078	ADAPTER	1	
3	95329975	ADAPTER	2	

THERMO BYPASS VALVE SUB-ASSEMBLY

13289590 REV 00



THERMO BYPASS VALVE SUB-ASSEMBLY

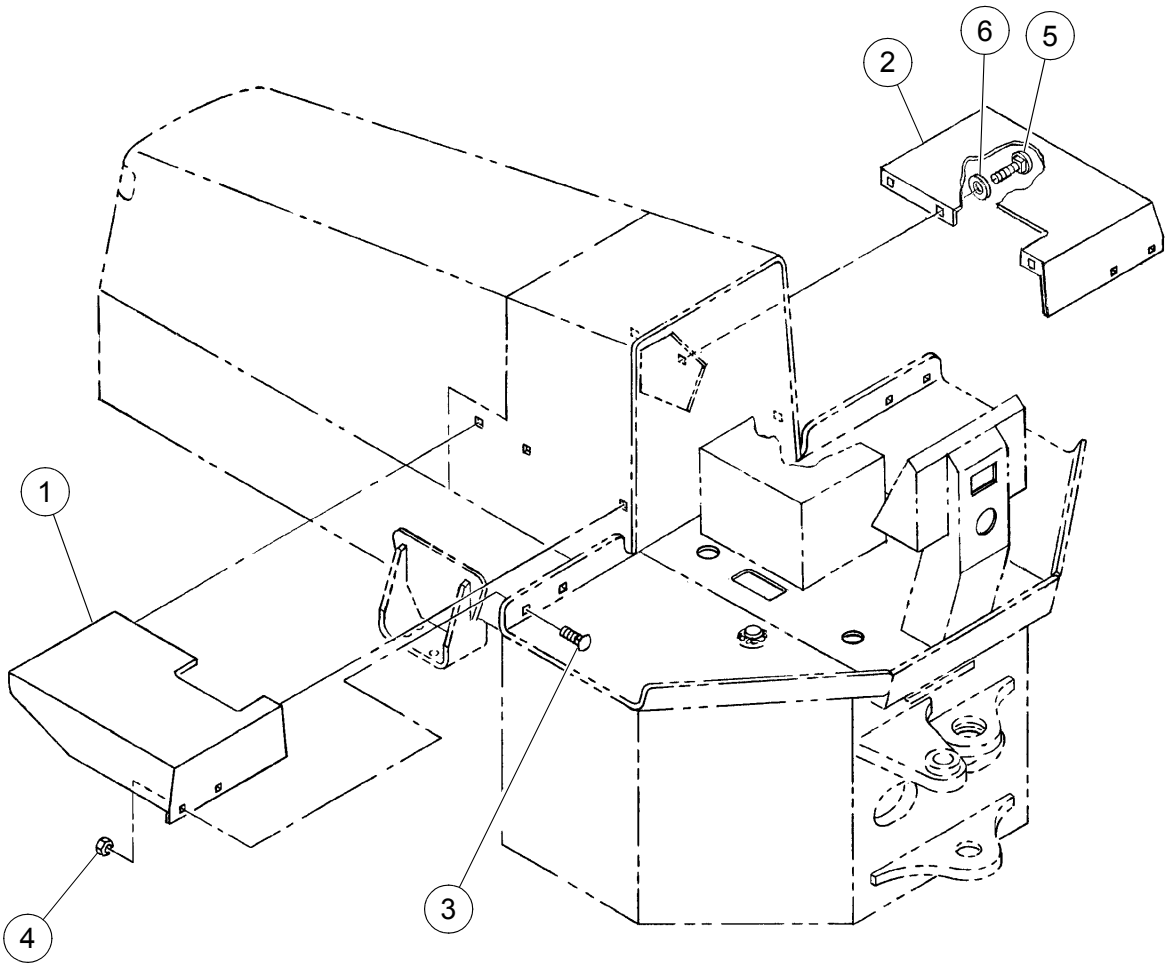
****Only Offered Parts Listed****

BOM 13289590

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	59186346	THERMAL BYPASS VALVE	1	
-	13493770	- SEAL	2	
2	95182705	ADAPTER	2	
3	95356978	ADAPTER	1	
4	95739306	ADAPTER	1	

FENDER INSTALLATION

59114454 REV 02



FENDER INSTALLATION

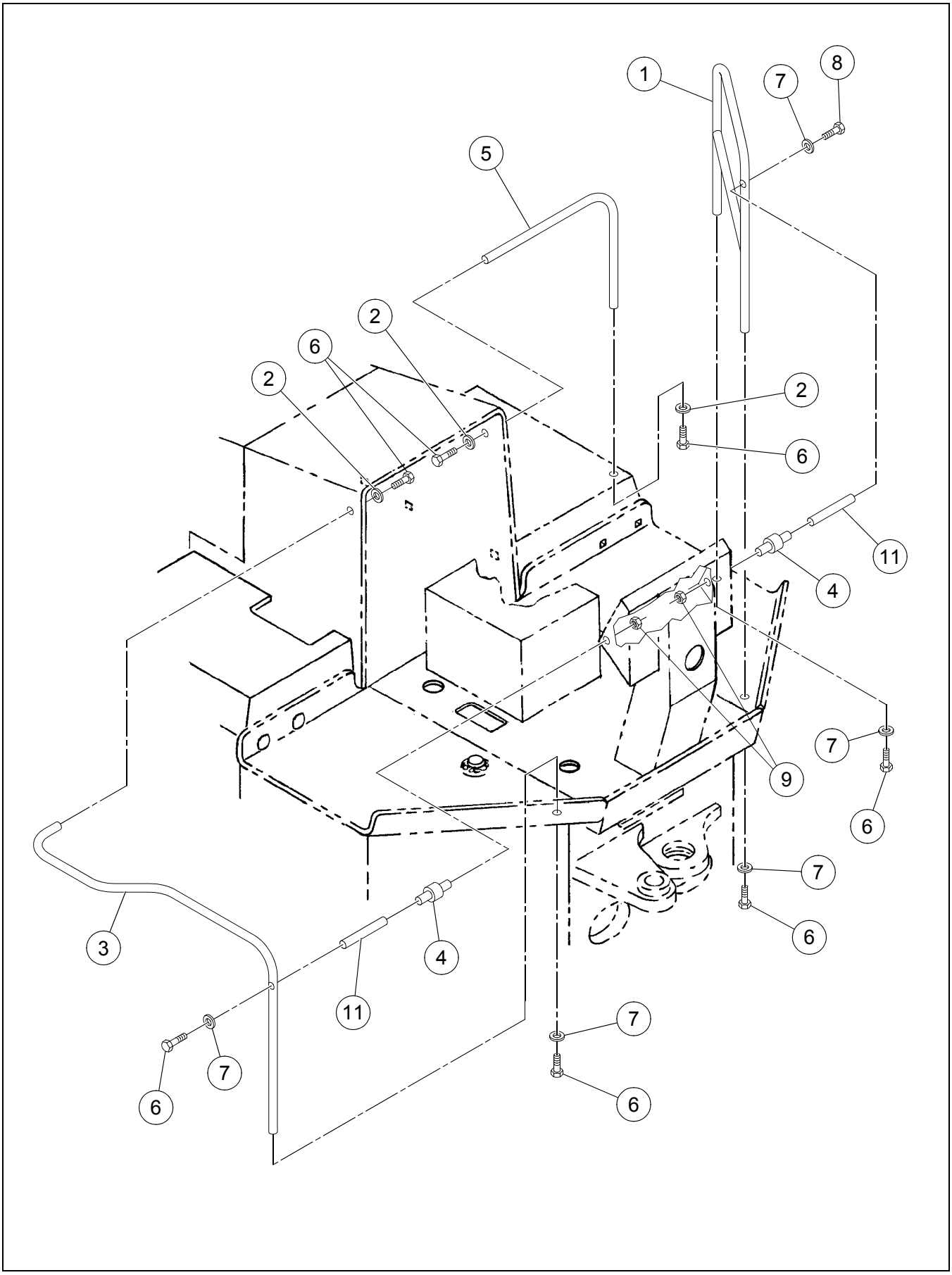
****Only Offered Parts Listed****

BOM 59114454

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	59214510	FENDER, RH	1	
2	59214577	FENDER, LH	1	
3	96711791	BOLT	4	
4	96704184	LOCKNUT	4	M12
5	96702311	HHCS CL 8.8,YEL ZN	6	M12-1.75X30
6	96738596	FLATWASHER	6	

RAILING INSTALLATION

13161559 REV 0A

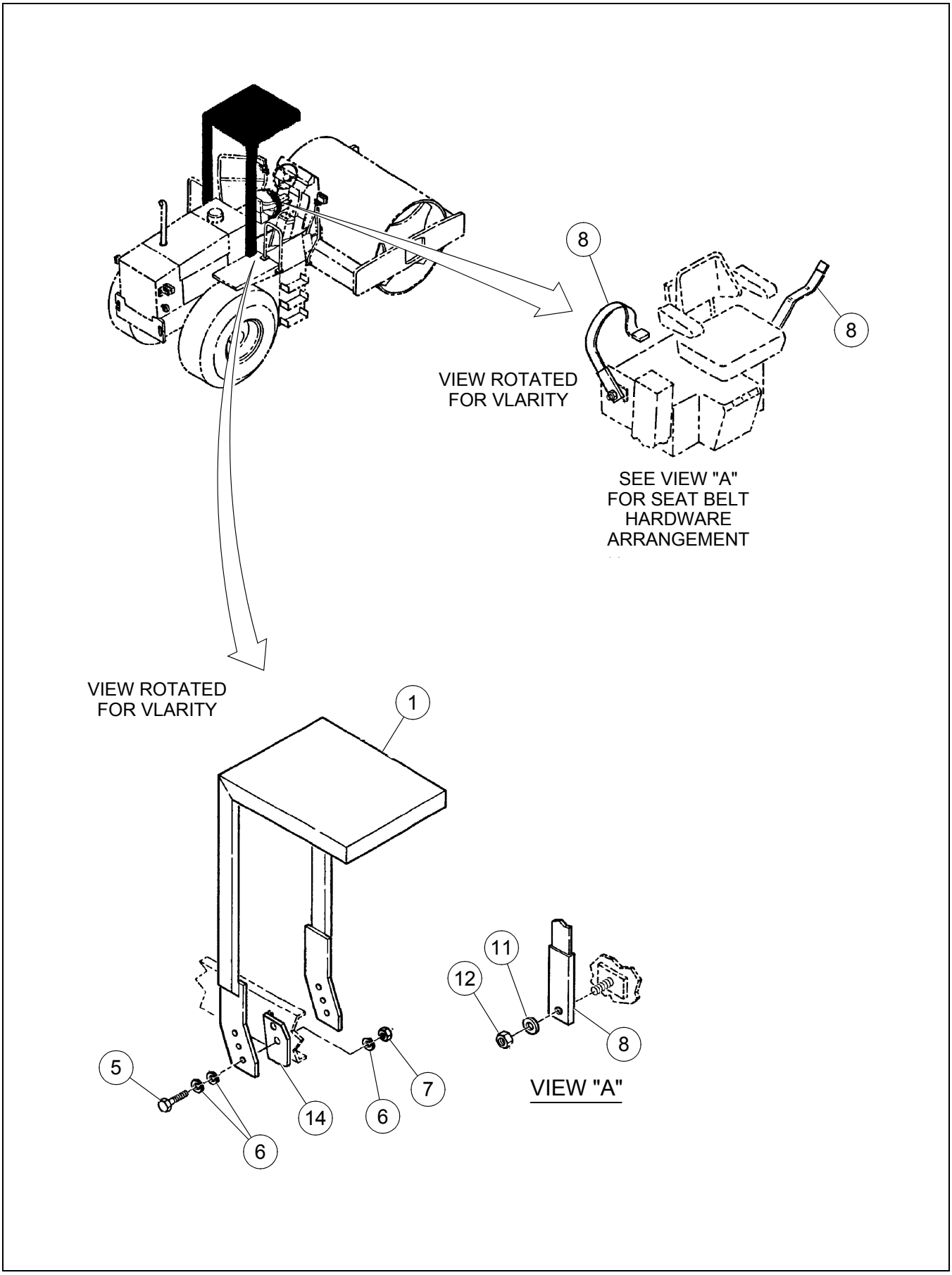


Only Offered Parts Listed

BOM 13161559

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	13160775	RAIL, LH	1	
2	96701545	WASHER	3	
3	13160759	RAIL, RH	1	
4	13160635	SHOCK	2	
5	59117507	HANDRAIL, LH	1	
6	96705637	HHCS CL 8.8,YEL ZN	8	M12-1.75X55
7	96738596	FLATWASHER	5	
9	95923223	LOCKNUT	2	3/8-16
11	13160791	RAIL SUPPORT	2	

59161463 REV 03



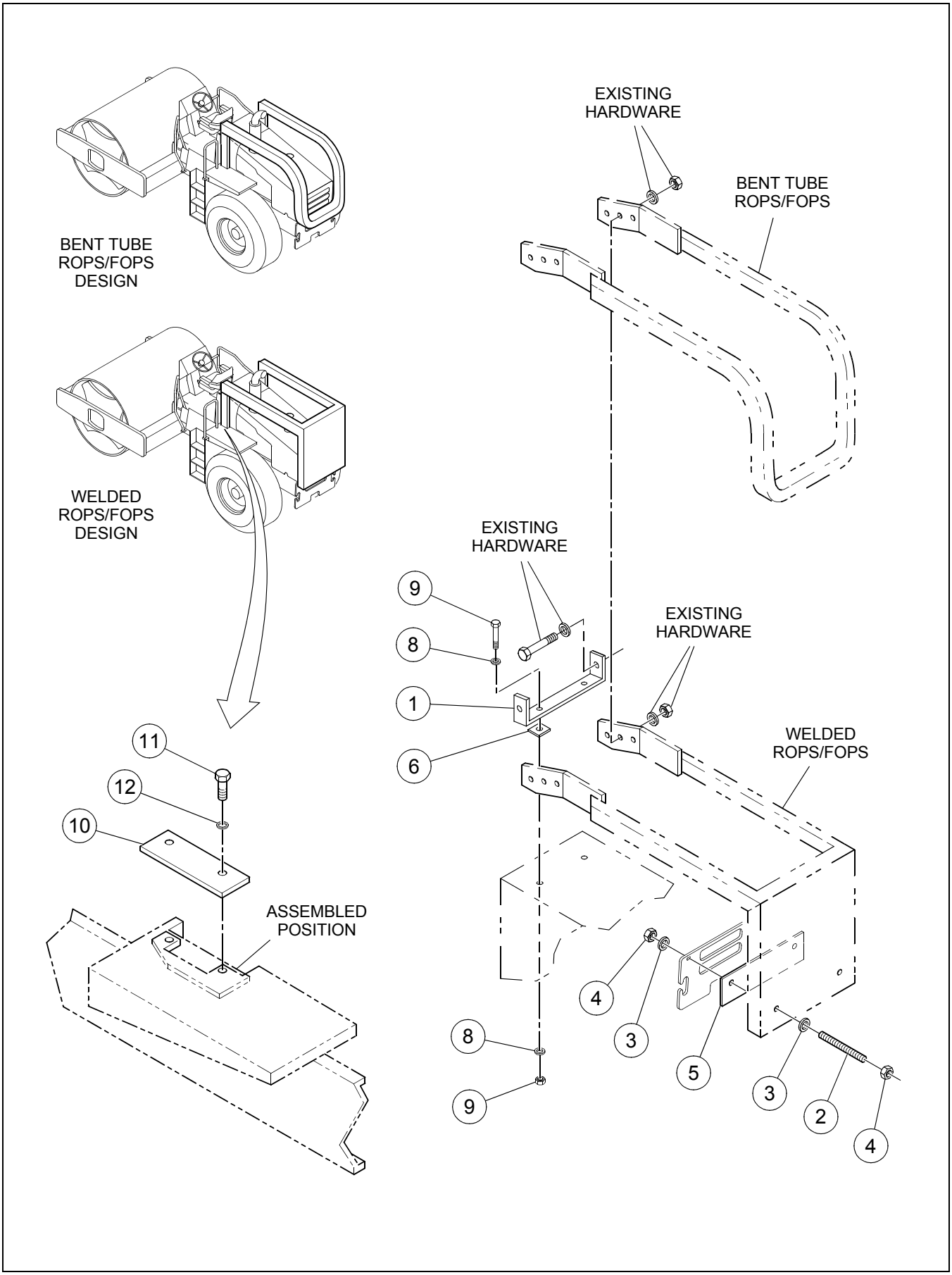
Only Offered Parts Listed

BOM 59161463

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	59228379	ROPS/FOPS	1	
5	95920534	HHCS	6	
6	95922167	FLATWASHER	18	
7	59327940	NUT	6	
8	59433649	SEAT BELT	1	
11	95922241	FLATWASHER	2	
12	95925921	LOCKNUT	2	
14	59212555	SHIM	2	

ROPS/FOPS STOWAGE INSTALLATION - OPTION

13301619 REV 02



ROPS/FOPS STOWAGE INSTALLATION - OPTION

****Only Offered Parts Listed****

BOM 13301619

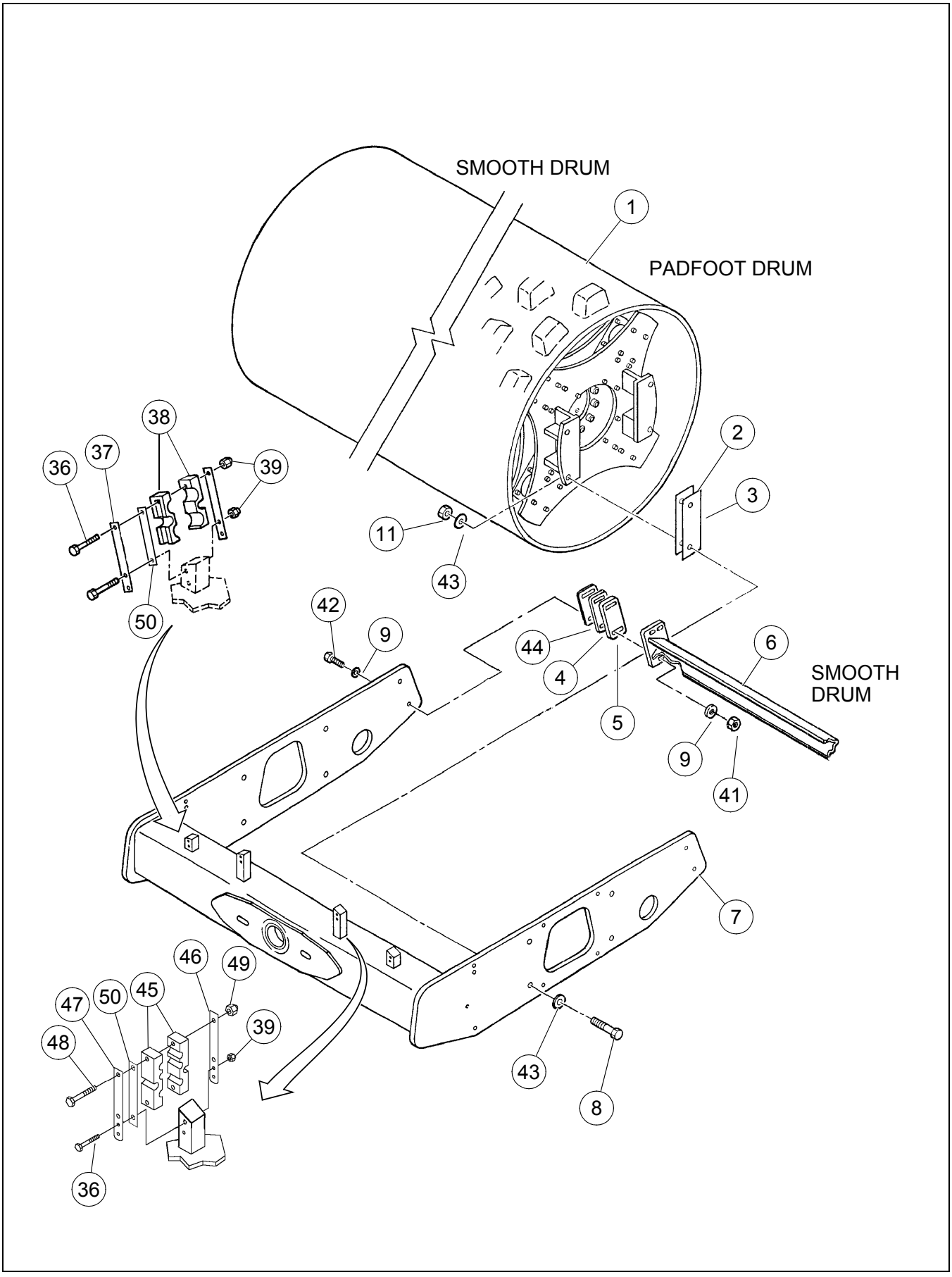
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	13353370	BRACKET, ROPS STOWAGE	1	
2	59226084	THREADED ROD	2	
3	59537266	FLATWASHER, HARDENED	4	
4	95923272	LOCKNUT	4	
5	59225912	RUBBER, PROTECTIVE	1	
6	59340000	RUBBER, PROTECTIVE	2	
7	96702428	HHCS CL 8.8,YEL ZN	2	M10-1.5X45
8	96741046	FLATWASHER	4	
9	96704812	HEX NUT	2	
10	59171678	COVER PLATE	2	
11	96702287	HHCS CL 8.8,YEL ZN	4	M10-1.5X25
12	96741046	FLATWASHER	4	

Always use Volvo Replacement parts!*

Section B - DRUM

DRUM AND SWIVEL INSTALLATION - SHEET 1 OF 2

13289764 REV 02



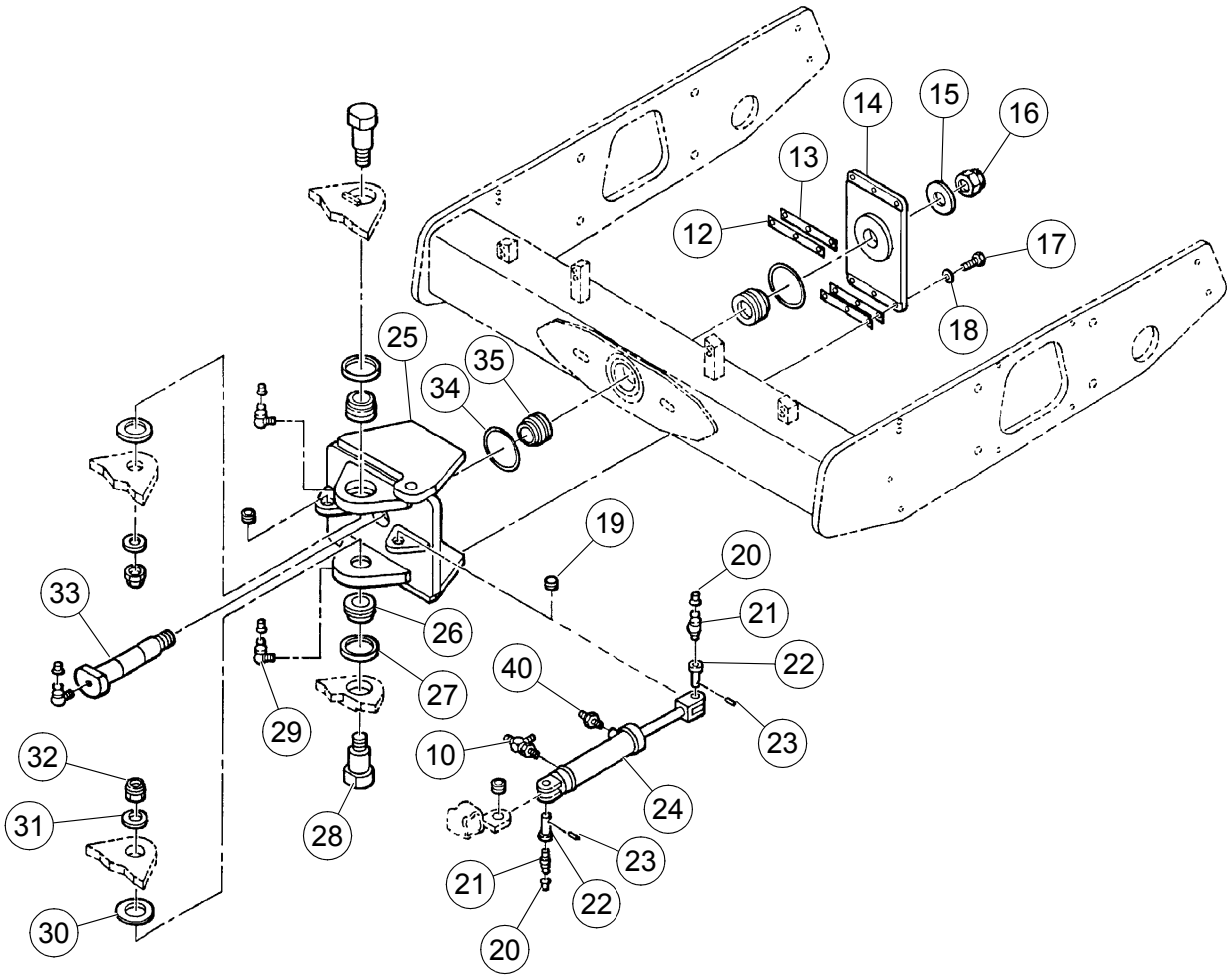
DRUM AND SWIVEL INSTALLATION - SHEET 1 OF 2

****Only Offered Parts Listed****

BOM 43884709

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	**NSVA**	**DRUM ASSEMBLY (POCLAIN)**	**1**	**See Page B - 6.**
2	59298935	SHIM	8	
3	59298927	SHIM	2	
4	59398206	SHIM	4	
5	59398222	SHIM	2	
7	13160601	DRUM FRAME	1	
8	96728803	HHCS CL 10.9,YEL ZN HR	8	M30-3.5X110
9	96738620	FLATWASHER	16	
10	95488250	TEE	2	
11	96703699	HEX NUT	8	M30
12	58977646	SHIM	2	
13	58977653	SHIM	3	
14	58977661	PLATE	1	
15	95922217	FLATWASHER	1	
16	59003434	LOCK NUT	1	
17	96726658	HHCS CL 8.8,YEL ZN	6	M20-X1.5X60
18	96701560	WASHER	6	
19	50268127	BEARING	2	
20	50270248	GREASE FITTING CAP	5	
21	95201547	GREASE FITTING	4	
22	59190975	PIVOT PIN	4	
23	95098679	ROLL PIN	4	
24	13188339	HYDRAULIC CYLINDER	2	
-	54577838	- LOCKNUT	2	
-	13228234	- SEAL KIT	2	
25	58977729	SWIVEL	1	
-	58977893	- PLATE:BACK,SWIVEL FRAME	1	
-	59008474	- PLATE:STEER LUG	2	
-	58977877	- PLATE,LUG SWIVEL	2	
-	58977869	- PLATE,BOTTOM SWIVEL	1	
-	58977851	- BAR,SWIVEL FRAME	1	
-	58977844	- GUSSET,SWIVEL FRAME	4	
-	58977836	- PLATE,BACK SUPPORT	2	
-	58977828	- PLATE,TOP SWIVEL	1	
26	50268242	BEARING	2	
27	50268861	SEAL	2	
28	58977703	ARTICULATION PIN	2	
29	95208971	FITTING	3	
30	50268879	SEAL	2	
31	95922175	FLATWASHER	2	
32	59003442	ELASTIC STOP NUT	2	
33	58977711	OSCILLATION PIN	1	

13289764 REV 02



DRUM AND SWIVEL INSTALLATION - SHEET 2 OF 2

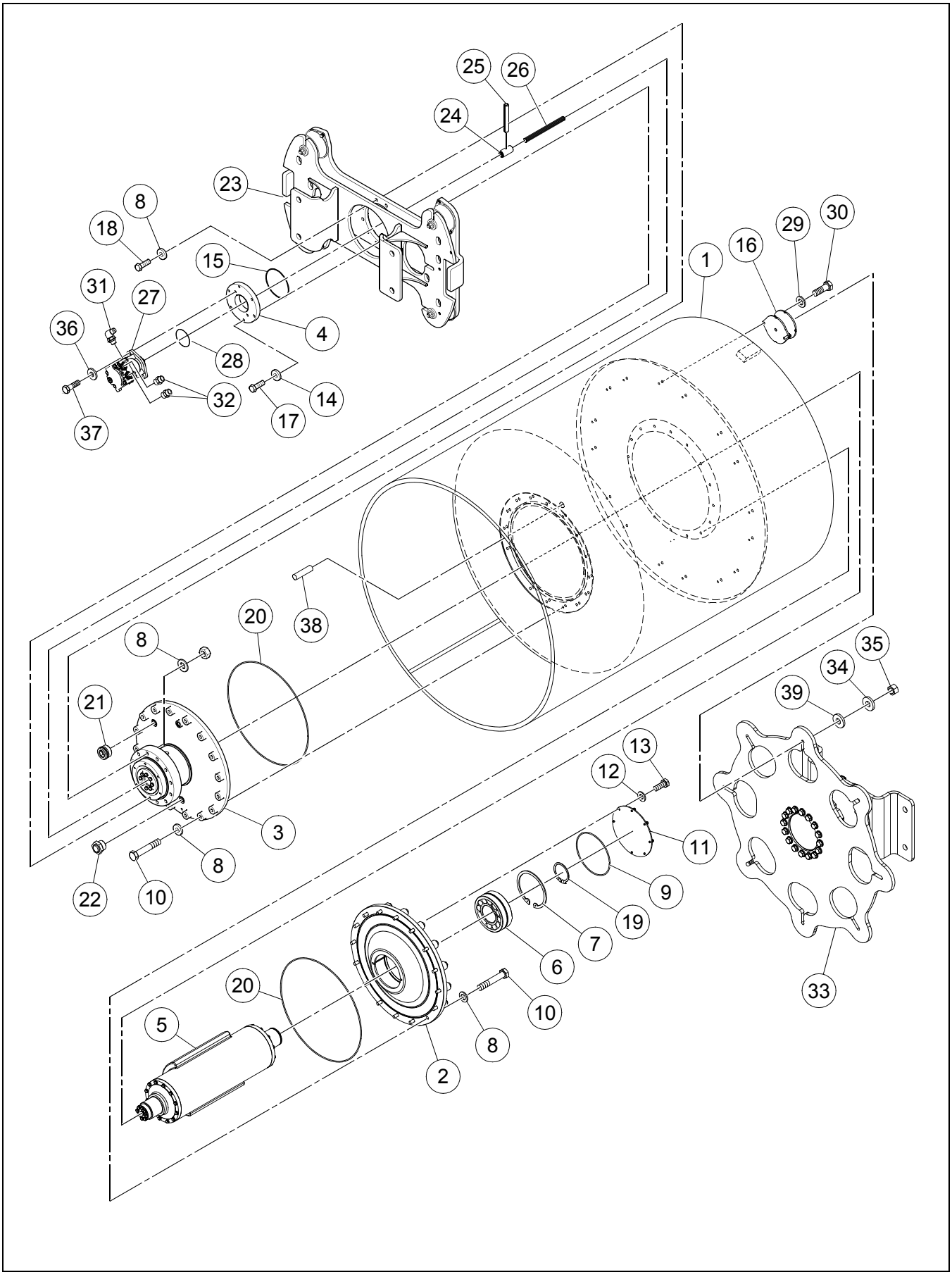
****Only Offered Parts Listed****

BOM 43884709

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
34	59103804	SEAL,SWIVEL FRAME	2	
35	50268259	BEARING	2	
40	95303368	ADAPTER	2	
41	96703665	HEX NUT	8	M20X2.5
42	96718671	HHCS CL 8.8,YEL ZN	8	M20-2.5X80
43	96701578	WASHER	16	
44	59398214	SHIM	2	
45	13239967	HOSE CLAMP	12	
46	13294319	BRACKET HOSE CLAMP	12	
48	96704283	HHCS CL 8.8,YEL ZN	24	M12-1.75X80
49	96704622	LOCKNUT	24	M12
50	43861087	BRACKET HOSE CLAMP	6	

DRUM ASSEMBLY (POCLAIN)

43866557 REV 00



DRUM ASSEMBLY (POCLAIN)

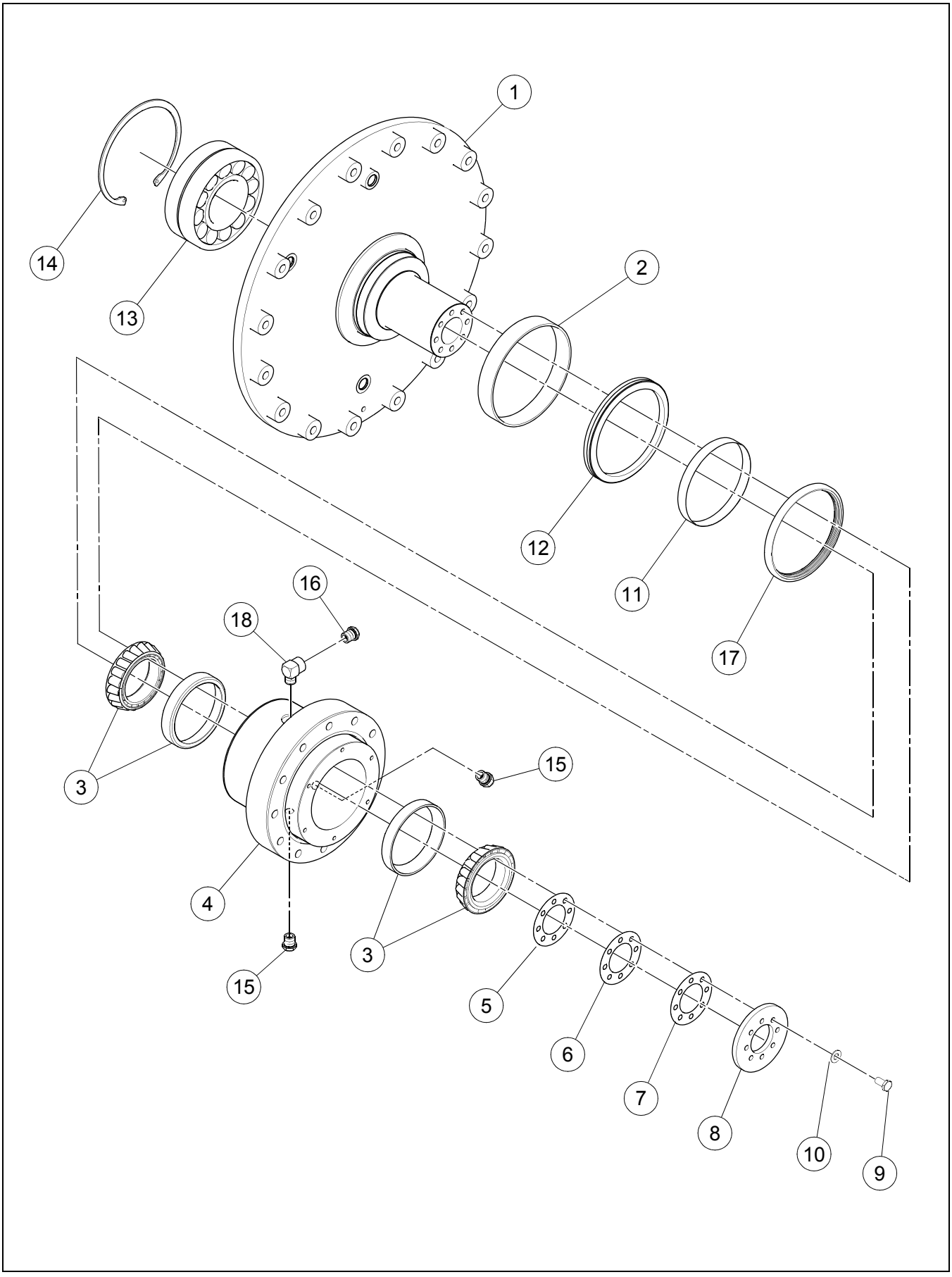
****Only Offered Parts Listed****

BOM 43886936

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	13280383	DRUM	1	
2	13329206	BEARING HOUSING DRIVE	1	
3	**NSVA**	**BEARING HOUSING ASSEMBLY**	**1**	**See Page B - 8.**
4	13502034	END PLATE	1	
5	**NSVA**	**ECCENTRIC SHAFT ASSEMBLY**	**1**	**See Page B - 10.**
6	58951690	BEARING	1	
7	96711031	CLIP RING	1	
8	96738612	FLAT WASHER CL 200,YEL ZN	56	ID-17.0,OD-30.0X3.0THK
9	95643383	O-RING	1	
10	96739990	HHCS CL 10.9,YEL ZN HR	32	M16-2.0X90
11	59258319	COVER	1	
12	96741038	FLATWASHER	8	
13	96702824	HHCS CL 8.8,YEL ZN	8	M8-1.25X20
14	96741046	FLATWASHER	6	
15	13502240	O RING SEAL	1	
16	13304787	SHOCK MOUNT	6	
17	96704549	HHCS CL 10.9,YEL ZN HR	6	M10-1.5X45
18	96705504	HHCS CL 8.8,YEL ZN	12	M16-2.0X110
20	95603163	O-RING	2	
21	59144428	MAGNETIC PLUG	2	
22	59277772	SIGHT GAUGE	1	
23	**NSVA**	**CARRIER ASSEMBLY**	**1**	**See Page B - 12.**
24	59613612	COUPLING	1	
25	96736822	ROLL PIN	1	
26	13183215	SPLINE SHAFT	1	
27	**NSVA**	**VIBRATION MOTOR**	**1**	**See Page B - 14.**
28	95988739	O-RING	1	
29	96738596	FLATWASHER	12	
30	96702808	HHCS CL 10.9,YEL ZN HR	12	M12-1.75X30
31	95303350	ELBOW	1	
32	59922591	ADAPTER	2	
33	**NSVA**	**DRIVE PLATE ASSEMBLY**	**1**	**See Page B - 16.**
34	59565044	FLATWASHER, HARDENED	6	
35	96703657	NUT	6	M16
36	96712237	FLATWASHER	2	
37	96702329	HHCS CL 8.8,YEL ZN	2	M12-1.75X35
38	96737069	ROLL PIN	1	
39	13351408	WASHER	6	
45	96711882	HEX NUT	12	M16X2.0

BEARING HOUSING ASSEMBLY

43866490 REV 00



BEARING HOUSING ASSEMBLY

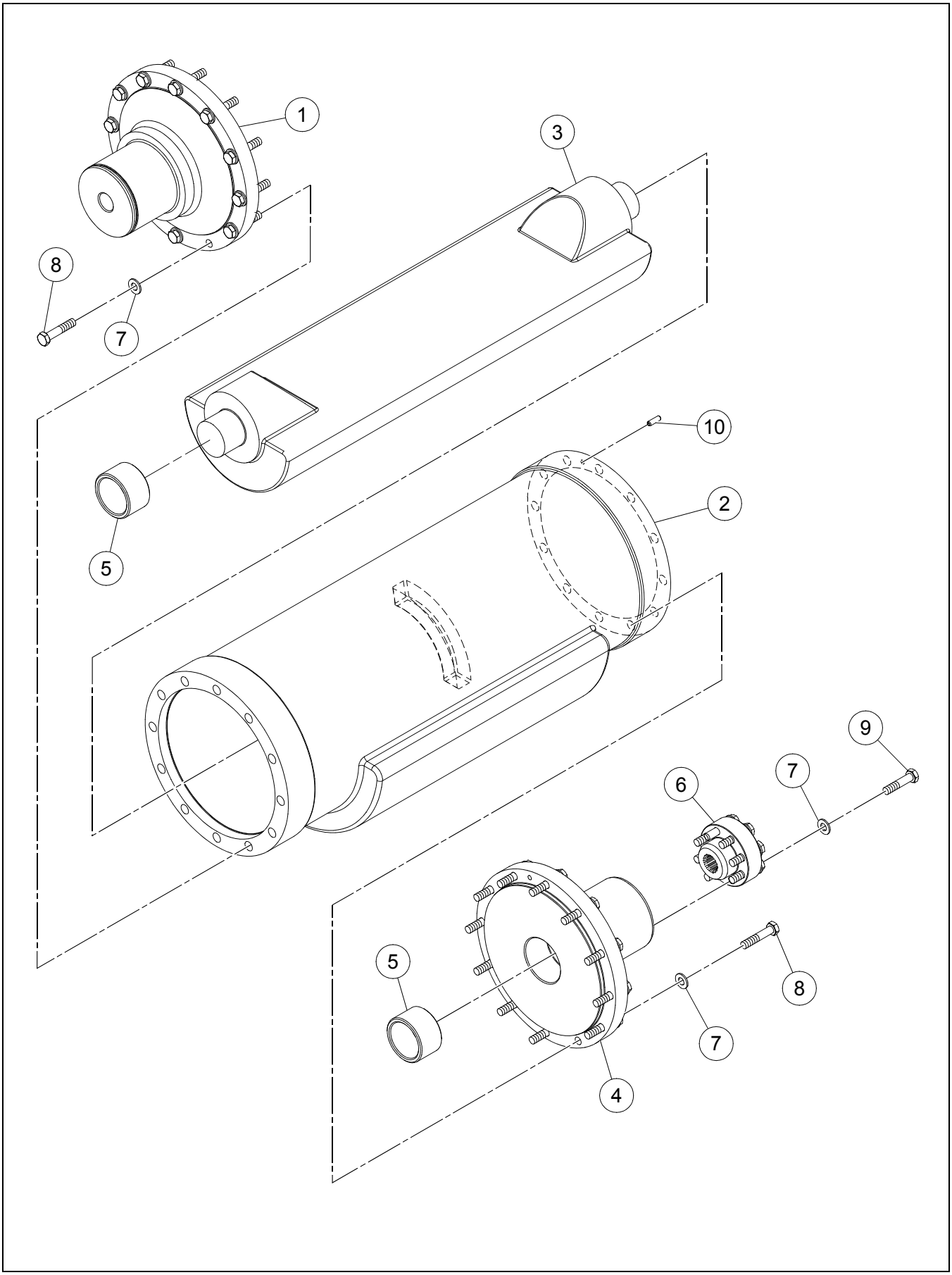
****Only Offered Parts Listed****

BOM 43866615

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	13501994	BEARING HSG SPINDLE	1	
2	13502257	DUST BAND	1	
3	13414743	BEARING TAPER ROLLER	2	
4	43814250	CARRIER HOUSING MACHINING	1	
-	43814284	- CARRIER HOUSING WELD	1	
-	43814243	- FLANGE	1	
-	13502026	- TUBE	1	
5	13502141	.005" SHIM	2	
6	13502133	.007" SHIM	2	
7	13502125	.020" SHIM	3	
8	13502166	PRELOAD PLATE	1	13838123
9	96704549	HHCS CL 10.9,YEL ZN HR	8	M10-1.5X45
10	96741046	FLATWASHER	8	
11	59277756	WEAR SLEEVE	1	
12	13167390	V-RING SEAL	1	
13	58951690	BEARING	1	
14	96711031	CLIP RING	1	
15	59600593	PIPE PLUG	2	
16	54584776	BREATHER, FILTERED VENT	1	
18	95264891	ADAPTER	1	

ECCENTRIC SHAFT ASSEMBLY

43866508 REV 00



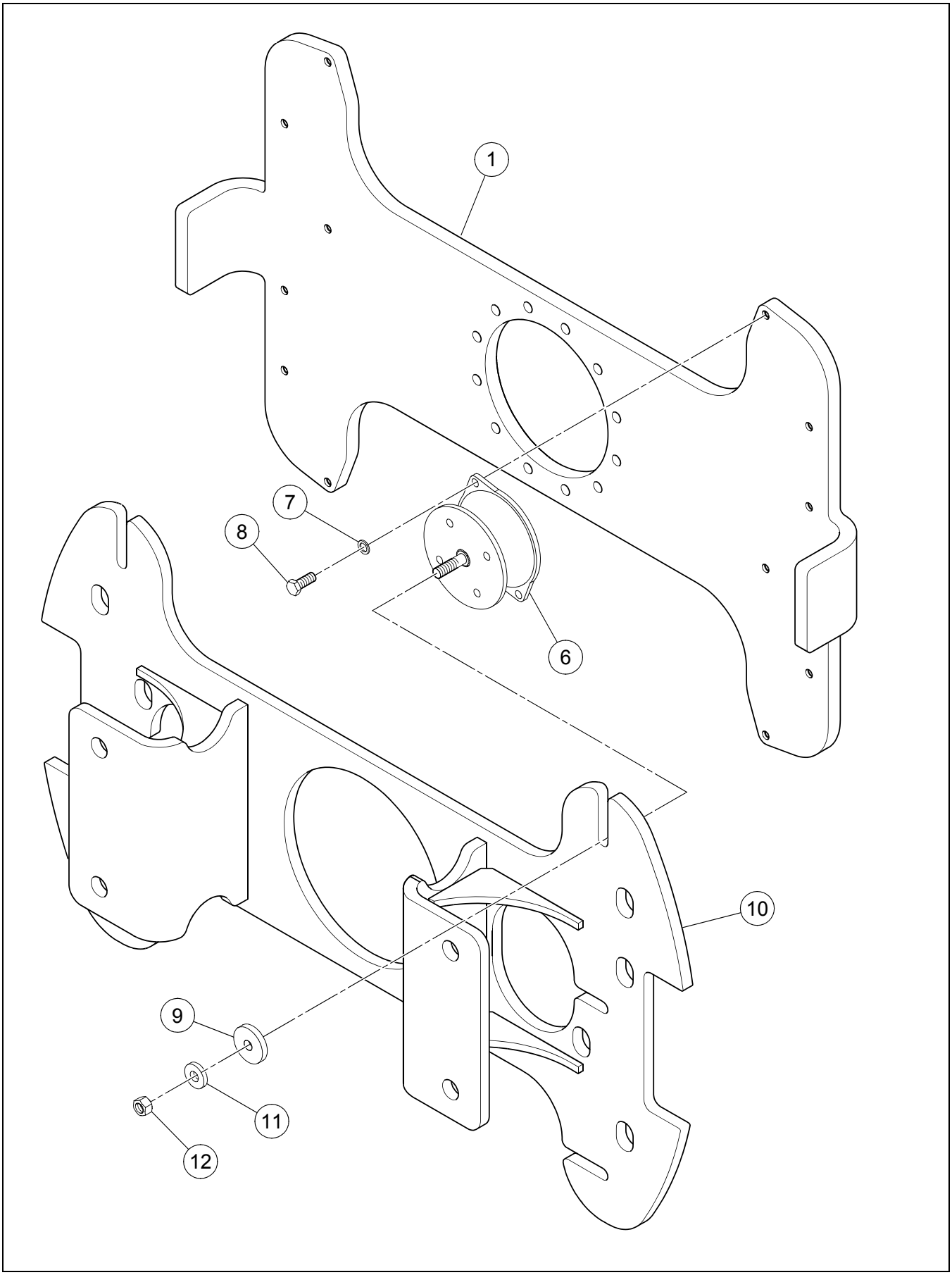
ECCENTRIC SHAFT ASSEMBLY

****Only Offered Parts Listed****

BOM 59257857

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	59298323	DRIVE SIDE JOURNAL	1	
2	13218052	ECCENTRIC SHAFT	1	
3	59298042	ECCENTRIC SHAFT	1	
4	13217922	NON DRIVE SIDE JOURNAL	1	
5	59296632	OILITE BEARING	2	
6	59277723	SPLINE COUPLING	1	
7	96741046	FLATWASHER	32	
8	96702436	HHCS CL 10.9,YEL ZN HR	24	M10-1.5X50
9	96702428	HHCS CL 8.8,YEL ZN	8	M10-1.5X45
10	96720990	ROLL PIN	1	M6X20

43866516 REV 00



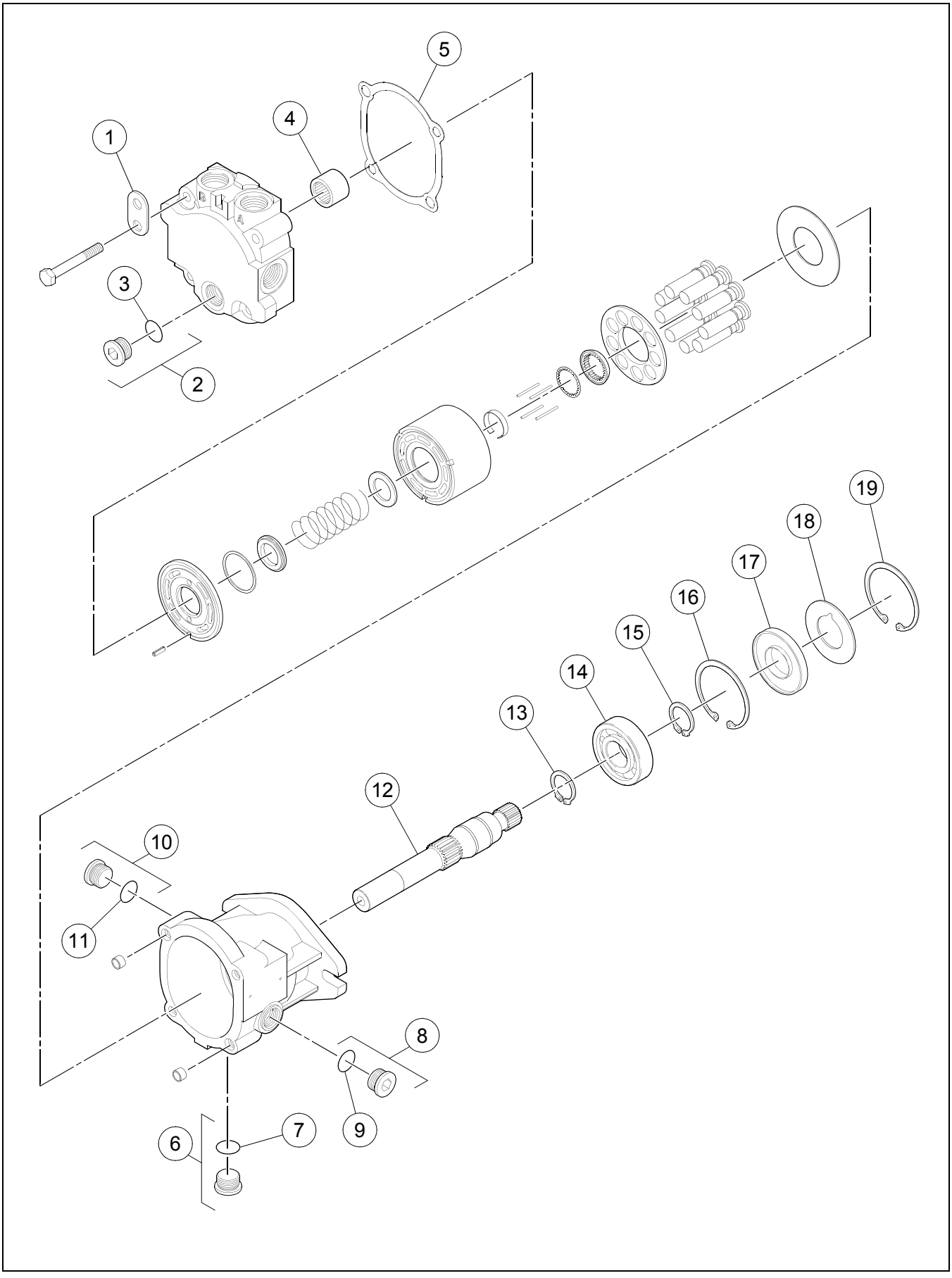
CARRIER ASSEMBLY

****Only Offered Parts Listed****

BOM 43866805

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	43814300	CARRIER PLATE MACHINING	1	
-	43814292	- CARRIER PLATE	1	
6	13304787	SHOCK MOUNT	4	
7	96738596	FLATWASHER	8	
8	96703111	HHCS CL 10.9,YEL ZN HR	12	M12-1.75X35
9	13351408	WASHER	4	
10	43818707	BID SHOCK MOUNT MACH.	1	
11	59565044	FLATWASHER, HARDENED	4	
12	96703657	NUT	4	M16

13197447 REV 00



VIBRATION MOTOR

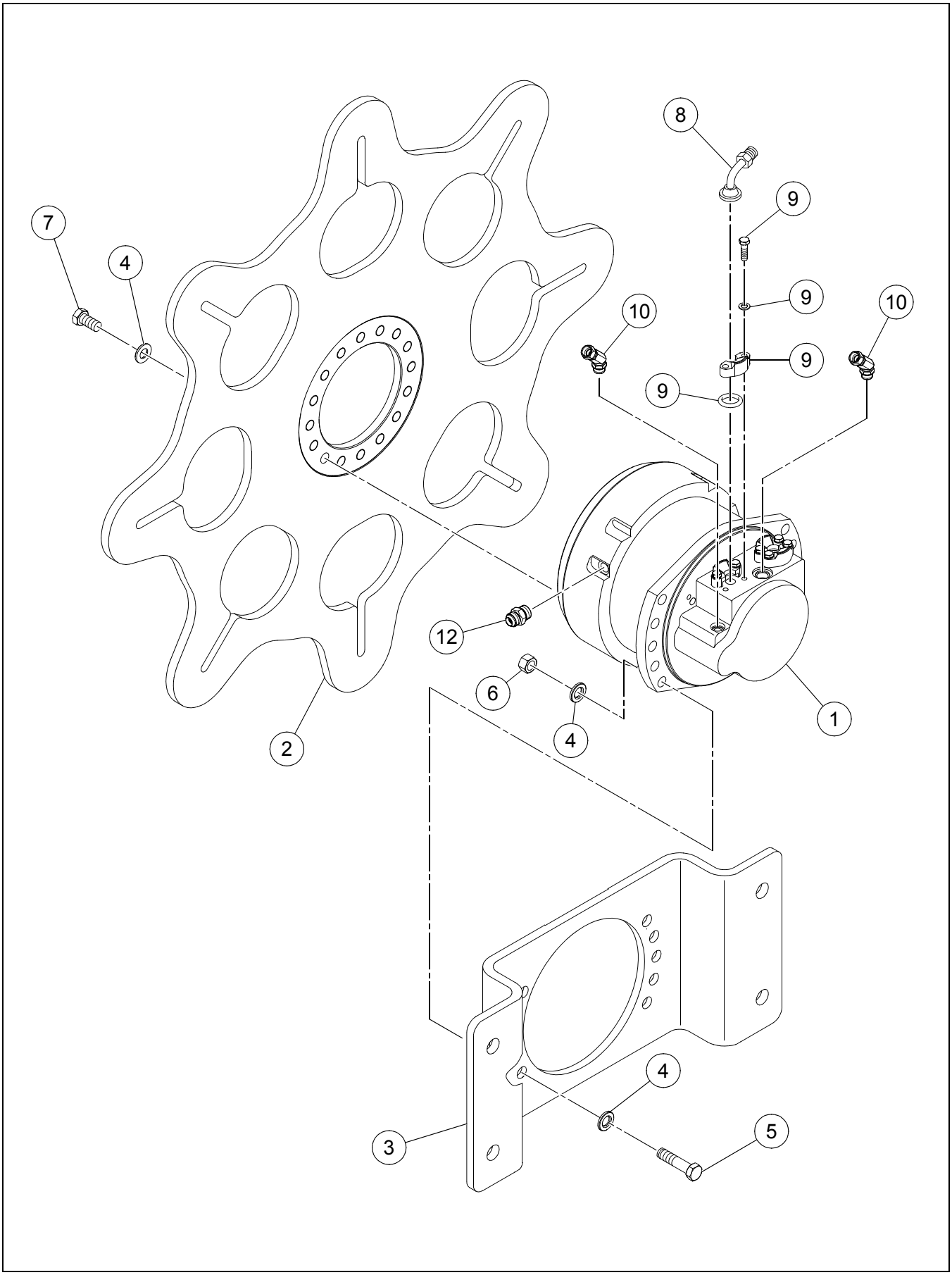
****Only Offered Parts Listed****

BOM 13197447

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
2	58891540	PLUG	1	
-	59360610	- O-RING	1	
3	50278019	O-RING	1	
4	59387605	BEARING	1	
5	59387498	GASKET	1	
6	56998610	PLUG	1	
-	50278019	- O-RING	1	
7	50278019	O-RING	1	
8	58891540	PLUG	1	
-	59360610	- O-RING	1	
9	50278019	O-RING	1	
10	58891540	PLUG	1	
-	59360610	- O-RING	1	
11	50278019	O-RING	1	
12	13228200	SHAFT	1	
13	59785519	RING	1	
14	95200648	BALL BEARING	1	
15	59785519	RING	1	
16	59861872	RING	1	
17	59941203	SEAL	1	
18	59245209	WASHER	1	
19	59861872	RING	1	
98	13284849	VIBRATION MOTOR - REMANUFACTURED	1	

DRIVE PLATE ASSEMBLY

13289756 REV 0A



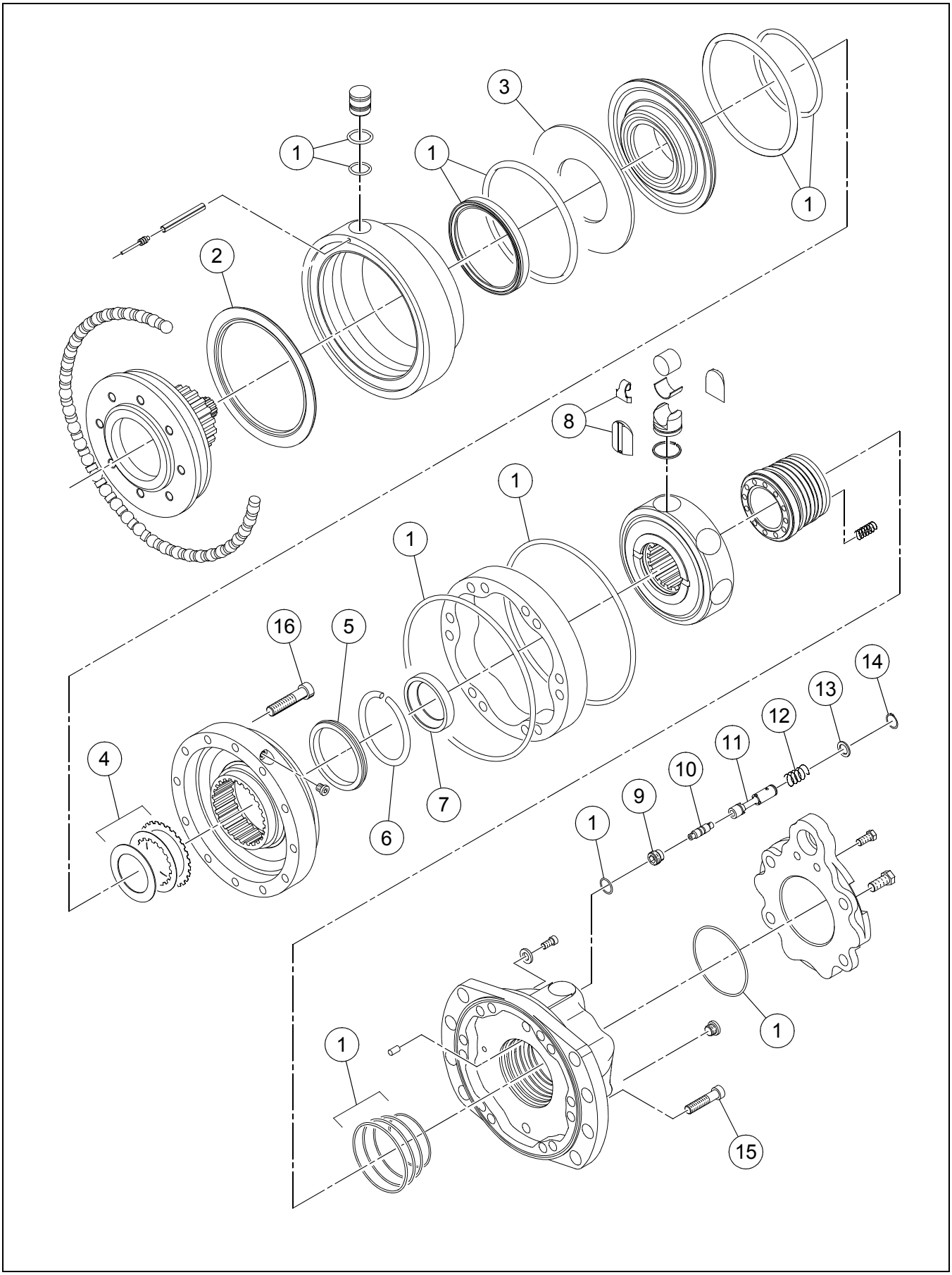
DRIVE PLATE ASSEMBLY

****Only Offered Parts Listed****

BOM 13320494

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	**NSVA**	**DRUM DRIVE MOTOR**	**1**	**See Page B - 18.**
2	13237383	DRIVE PLATE	1	
3	13320478	BRACKET, DRIVE MOTOR MOUNTING	1	
4	96701560	WASHER	36	
5	96718671	HHCS CL 8.8,YEL ZN	10	M20-2.5X80
7	96740998	HHCS CL 8.8,YEL ZN	16	M20-X1.5X40
8	59177915	SPLIT FLANGE	2	
9	13184445	SPLIT CLAMP	2	
-	58896952	- SPLIT FLANGE CLAMP	4	
-	96704556	- HHCS CL 8.8,YEL ZN	8	M10-1.5X40
-	59510065	- LOCKWASHER	8	
-	59990010	- O-RING	2	
10	95650339	ADAPTER	2	
12	95356903	ADAPTER	1	

13320551 REV 00



DRUM DRIVE MOTOR

****Only Offered Parts Listed****

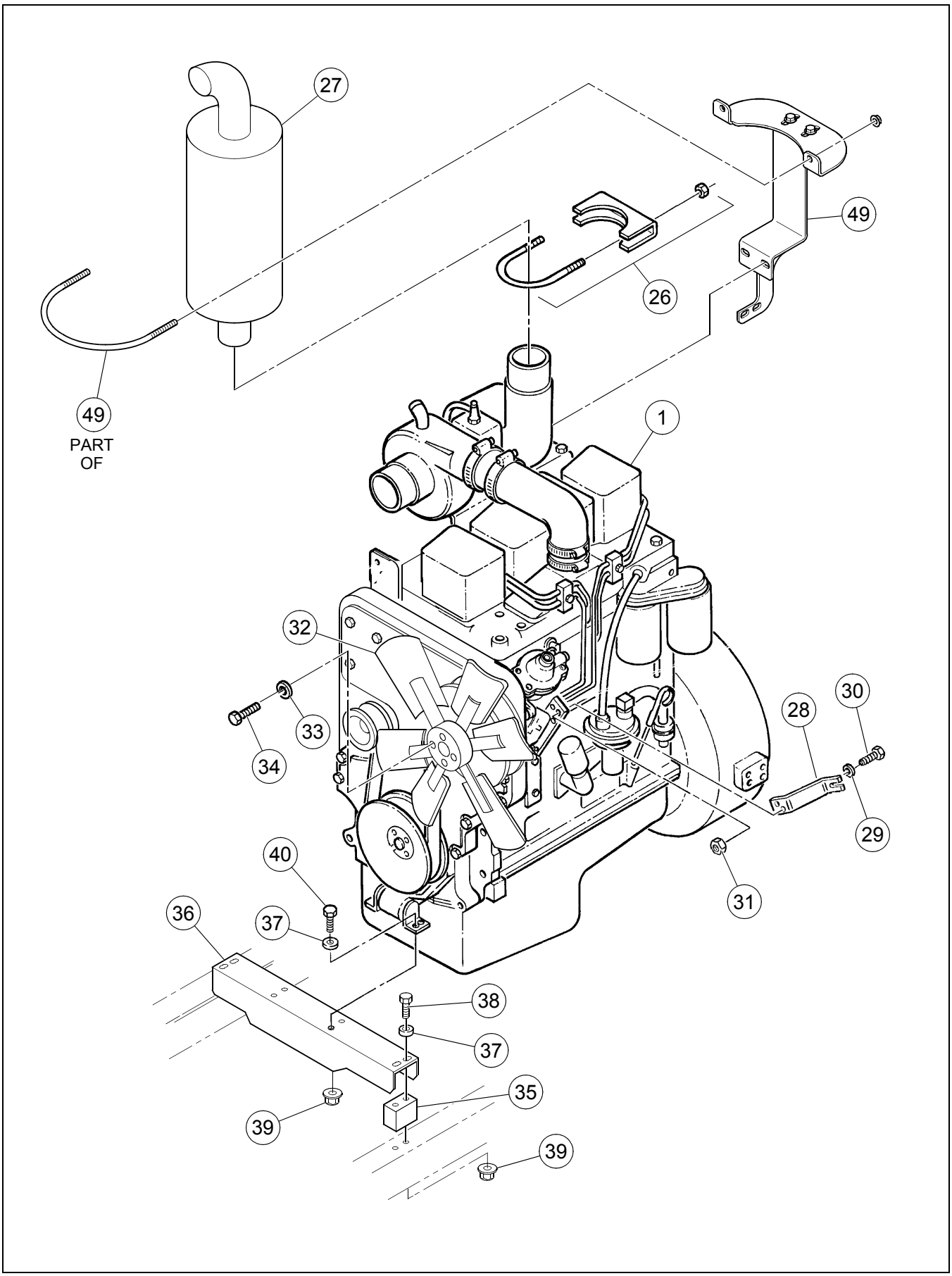
BOM 13320551

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	13262746	SEAL KIT	1	
-	59902684	- O-RING	1	
-	13853098	- O-RING	1	
2	13220736	RING	1	
3	13493994	SPRING WASHER	1	
4	59241570	SEAL KIT	1	
5	13263199	THRUST RING	1	
6	13263207	SPRING WASHER	1	
7	13494000	THRUST RING	1	
8	59234518	REPAIR KIT	1	
9	13263157	PLUG	1	
10	13494018	VALVE SPOOL	1	
11	13494026	VALVE SPOOL	1	
13	13262597	WASHER	1	
14	13263140	SNAP RING	1	
15	13262613	SPRING	1	
15	59241877	SCREW/BOLT	1	
16	13494034	HHCS	12	
98	13361001	DRIVE MOTOR - ARC	1	NEW: 13320551

Always use Volvo Replacement parts!*

Section C - ENGINE

13289657 REV 02



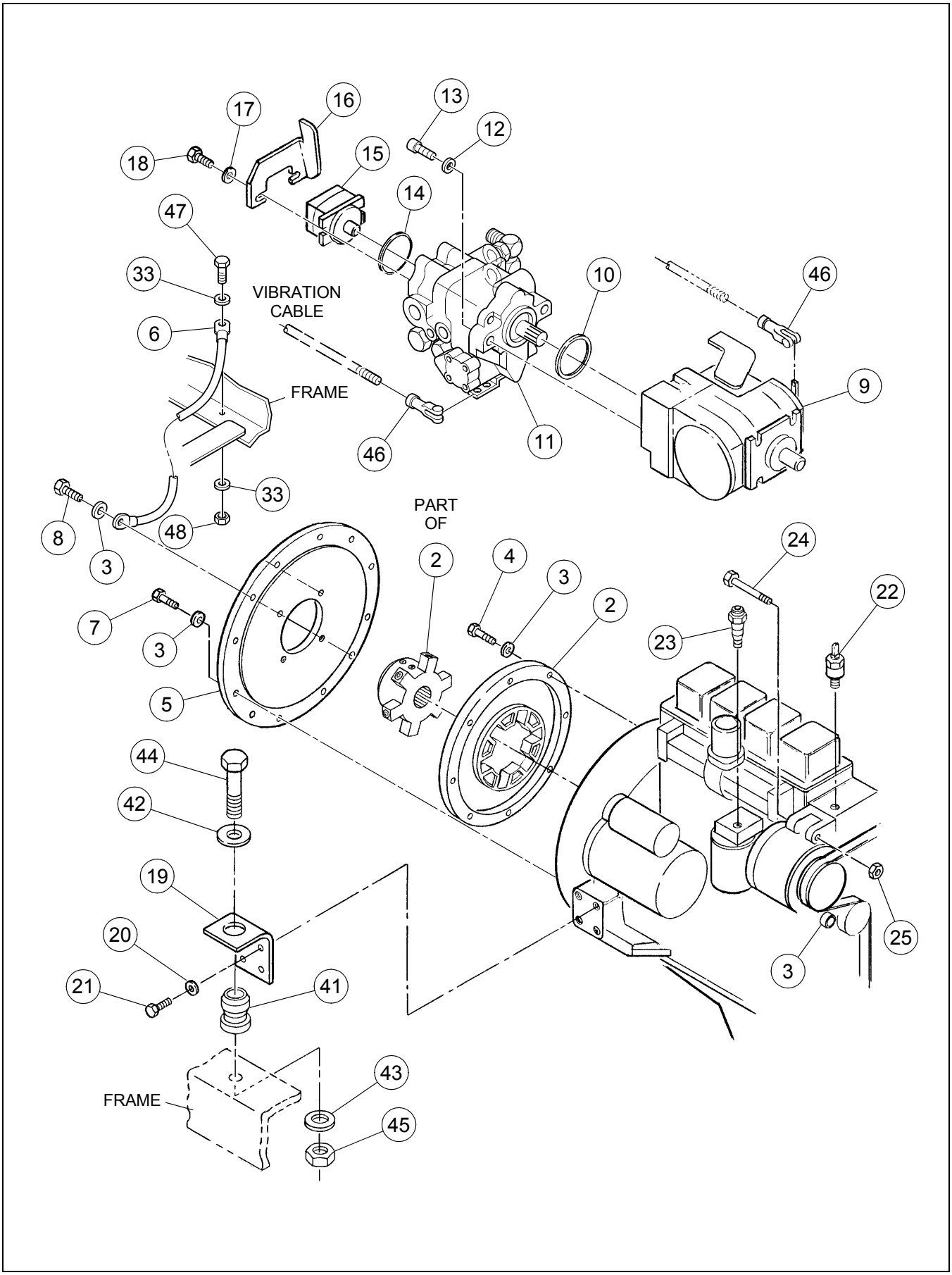
ENGINE INSTALLATION - SHEET 1 OF 2

****Only Offered Parts Listed****

BOM 13289657

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	13846787	ENGINE	1	
-	13887526	- OIL FILTER	1	
-	13887484	- FUEL FILTER	1	
-	59728196	- FUEL/WATER SEPARATOR FILTER	1	
-	58827932	- FUEL FILTER	1	
-	13852256	- ALTERNATOR	1	
-	13360516	- STARTER	1	
2	59286336	COUPLING	1	
3	96741046	FLATWASHER	21	
4	95919254	HHCS	8	3/8-16X1.50
5	58966086	PLATE, PUMP MOUNTING	1	
6	59104406	GROUND STRAP	1	
7	96701917	HHCS CL 8.8,YEL ZN	8	M10-1.5X30
8	96704309	HHCS CL 8.8,YEL ZN	4	M10-1.5X35
9	**NSVA**	**PROPULSION PUMP ASSEMBLY**	**1**	**See Page C - 6.**
10	95097879	O-RING	1	
11	**NSVA**	**VIBRATION PUMP SUB-ASSEMBLY**	**1**	**See Page C - 8.**
12	59539569	FLATWASHER, HARDENED	2	
13	95309829	HHCS	2	1/2-13X1.75
14	95988796	O-RING	1	
15	**NSVA**	**STEERING PUMP ASSEMBLY**	**1**	**See Page C - 16.**
16	59232579	BRACKET, VIBRATION CABLE	1	
17	59731380	WASHER	2	
18	95055265	HSHCS	2	3/8-16X1.25
19	59103838	ENGINE MOUNT	2	
20	96738596	FLATWASHER	8	
21	96702667	HHCS CL 8.8,YEL ZN	8	M12-1.75X45
22	59164251	SWITCH, WATER TEMPERATURE	1	
23	59971457	SWITCH, OIL PRESSURE	1	
24	96715602	HHCS CL 8.8,YEL ZN	1	M10-1.5X110
25	96704846	LOCK NUT	1	M10X1
26	50266972	U-CLAMP	1	
27	13241658	MUFFLER	1	
28	13222864	THROTTLE CABLE BRACKET	1	
29	96741053	FLATWASHER	2	
30	96704564	HHCS CL 8.8,YEL ZN	2	M6-1X20
31	96704234	NUT	2	M6X1
32	59819292	ENGINE FAN	1	
-	59309104	- FAN BELT	1	
33	96741038	FLATWASHER	6	
34	96715131	HHCS CL 8.8,YEL ZN	4	M8-1.25X70
35	59176917	SPACER	2	

13289657 REV 02



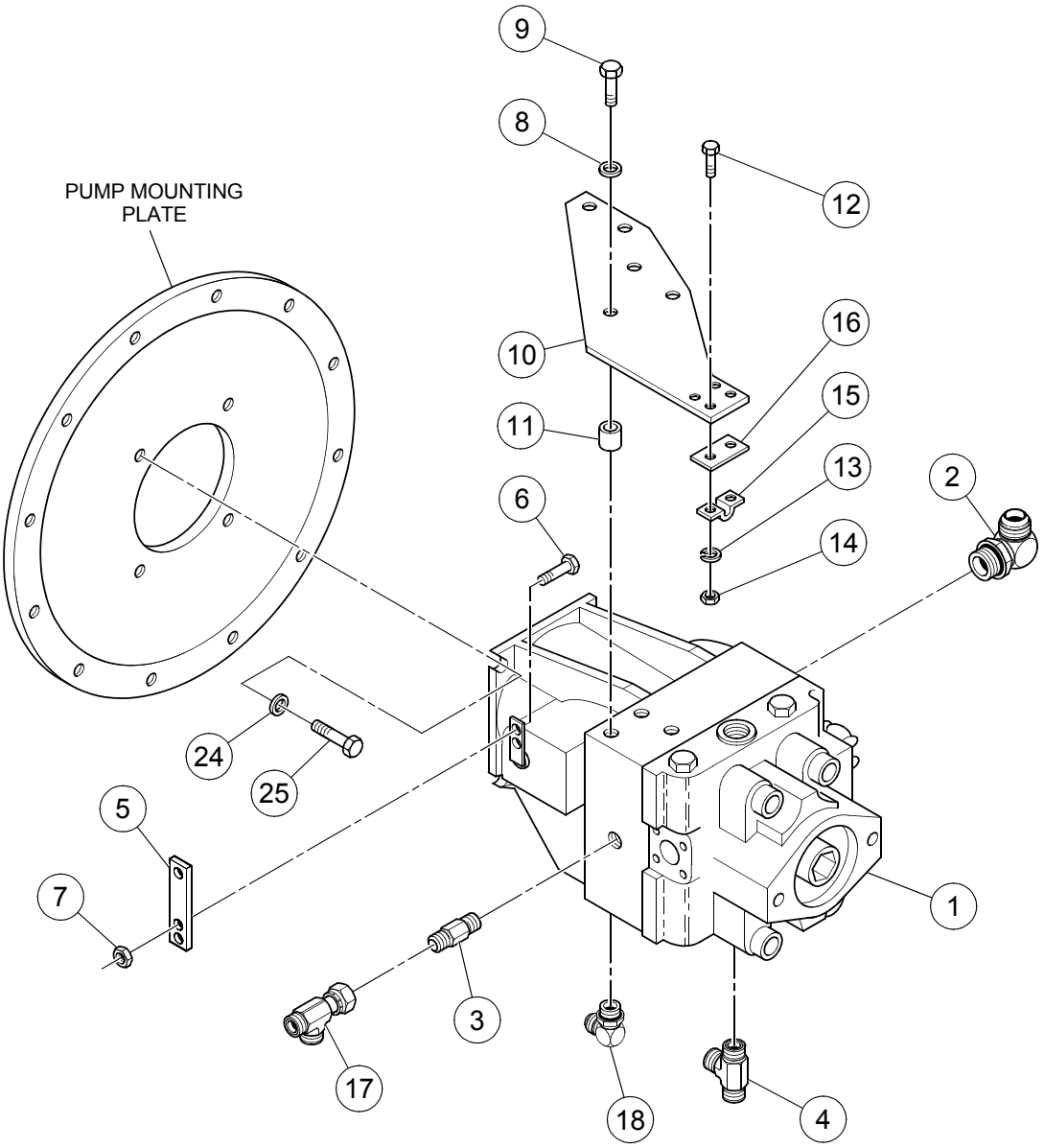
Only Offered Parts Listed

BOM 13289657

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
36	59176925	BRACKET, ENGINE MOUNTING	1	
37	96711833	WASHER	8	M10
38	96705314	HHCS CL 8.8,YEL ZN	4	M10-1.5X90
39	96704846	LOCK NUT	8	M10X1
40	96704358	HHCS CL 8.8,YEL ZN	4	M10-1.5X40
41	59097162	CENTER BONDED MOUNT	2	
42	58879768	SNUBBING WASHER	2	
43	96738612	FLAT WASHER CL 200,YEL ZN	2	ID-17.0,OD-30.0X3.0THK
44	96704952	HHCS CL 8.8,YEL ZN	2	M16-2X100
45	96704630	STOP NUT	2	
46	**NSVA**	**PUMP INSTALLATION**	**1**	**See Page C - 18.**
47	96705587	HHCS CL 8.8,YEL ZN	1	M8-1.25X30
48	96701370	NUT	1	M8-1.25
49	**NSVA**	**MUFFLER BRACKET INSTALLATION**	**1**	**See Page C - 20.**

PROPULSION PUMP ASSEMBLY

13289640 REV 01



PROPULSION PUMP ASSEMBLY

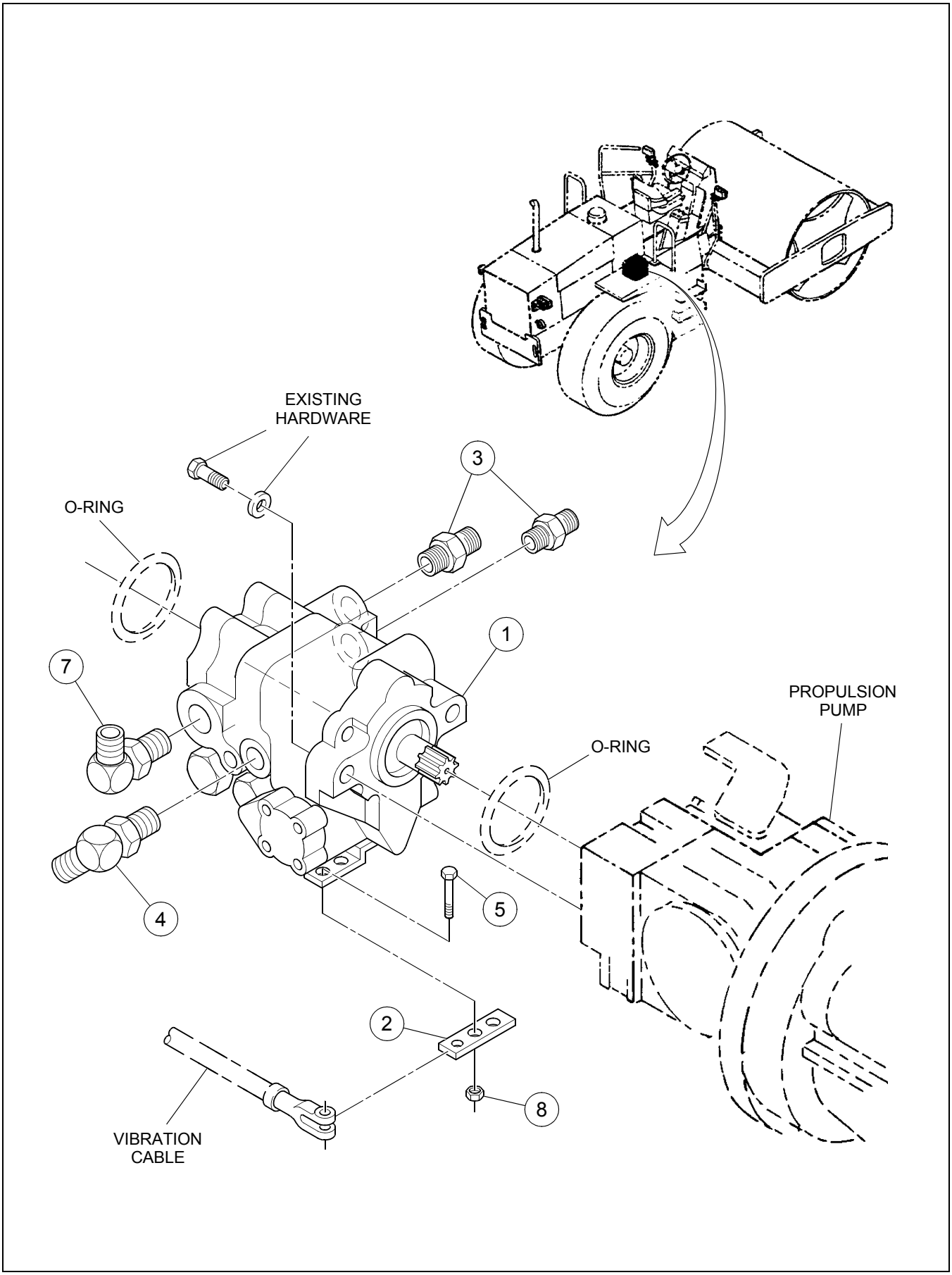
****Only Offered Parts Listed****

BOM 13289640

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	18001651	PUMP, PISTON, VARIABLE ***	1	
2	95376133	ELBOW	1	
3	95356960	ADAPTER	1	
4	95188710	TEE	1	
5	59305813	LEVER	1	
6	96701461	HHCS CL 8.8,YEL ZN	2	M6-1X25
7	96704598	ESNA NUT	2	M6
8	96741038	FLATWASHER	3	
9	96719786	HHCS CL 8.8,YEL ZN	3	M8-1.25X40
10	59329904	BRACKET, MOUNTING	1	
11	59315242	SPACER	3	
12	96705736	HHCS CL 8.8,YEL ZN	2	M5-0.8X20
13	96738554	FLATWASHER	2	
14	96704580	LOCKNUT	2	M5
15	59580571	CLAMP	1	
16	59617985	SHIM	1	
17	95739306	ADAPTER	1	
18	95329975	ADAPTER	1	
24	96738596	FLATWASHER	4	
25	96702329	HHCS CL 8.8,YEL ZN	4	M12-1.75X35

VIBRATION PUMP SUB-ASSEMBLY

59279687 REV 02



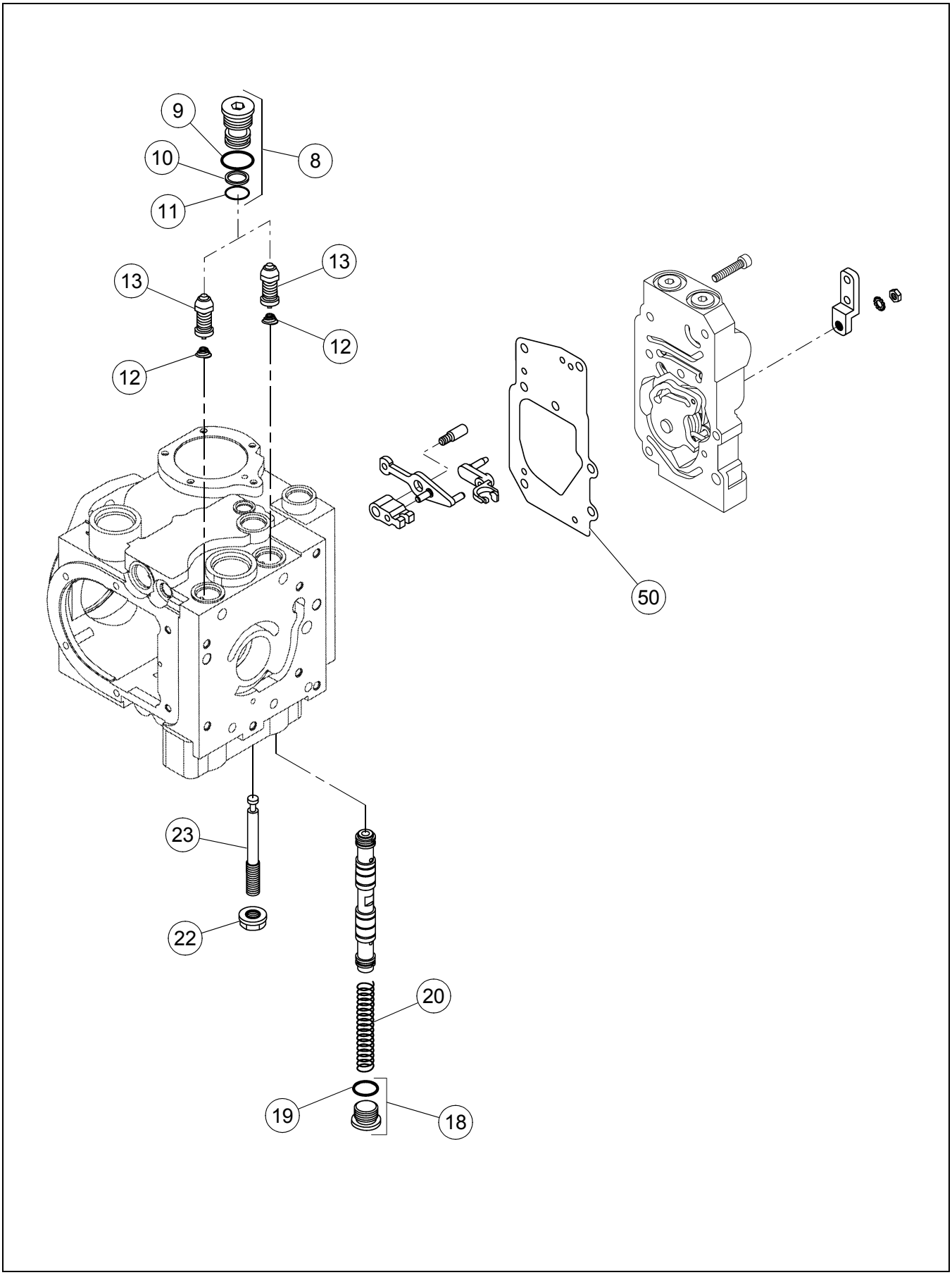
VIBRATION PUMP SUB-ASSEMBLY

****Only Offered Parts Listed****

BOM 59279687

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	**NSVA**	**VARIABLE PISTON PUMP**	**1**	**See Page C - 10.**
2	59232587	CONTROL LEVER	1	
3	59922591	ADAPTER	2	
4	95366001	ADAPTER	1	
5	96702659	HHCS CL 8.8,YEL ZN	2	M8-1.25X25
7	95280194	ADAPTER	1	
8	96705009	LOCKNUT	2	

13244843 REV 01



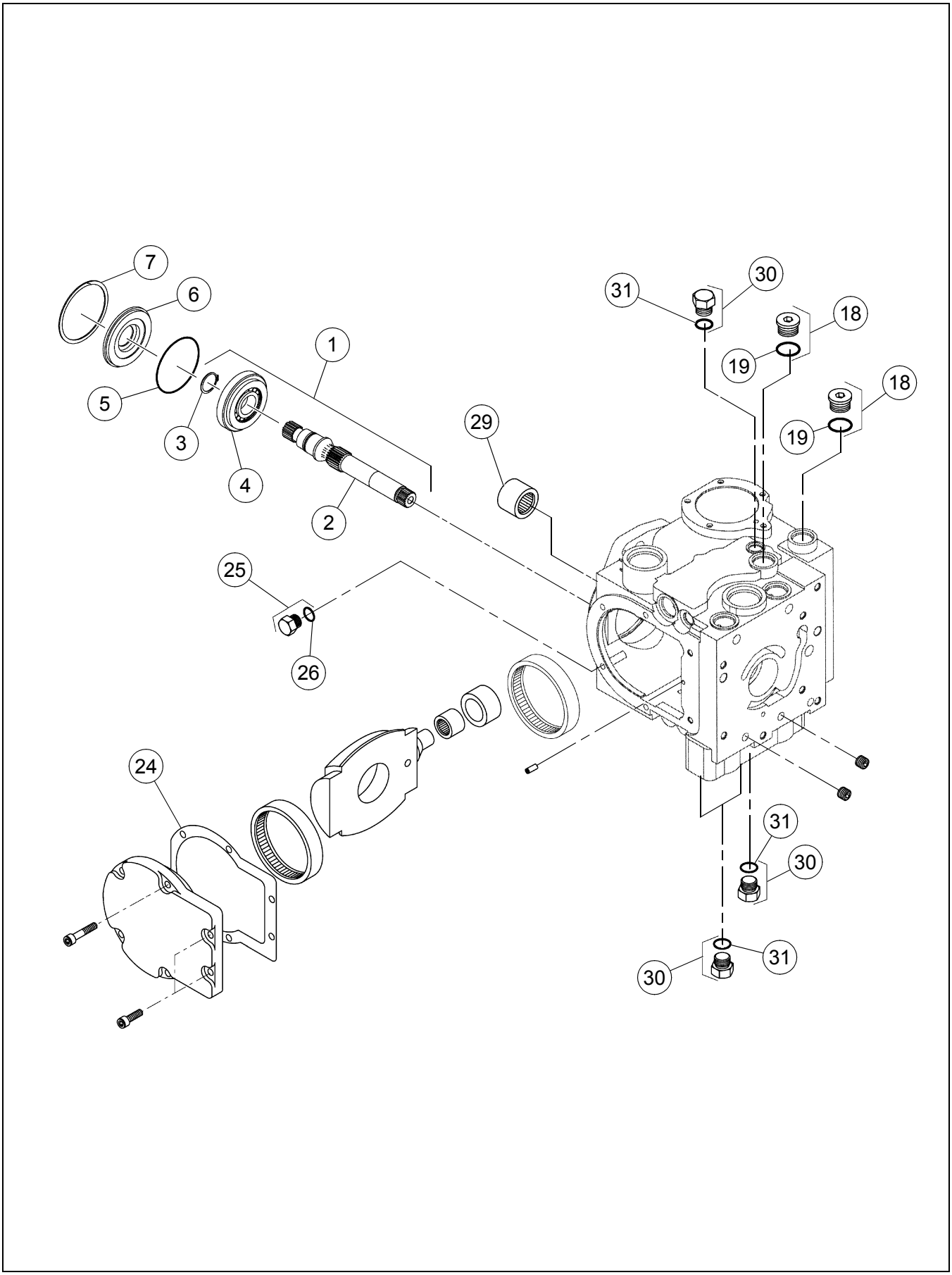
VARIABLE PISTON PUMP - SHEET 1 OF 3

****Only Offered Parts Listed****

BOM 54520622

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	13263678	SHAFT	1	
2	13263686	SHAFT	1	
3	59145896	RETAINING RING	1	
4	59145904	ROLLER BEARING	1	
5	59145888	O-RING	1	
6	13167937	SHAFT SEAL KIT	1	
7	59145862	RETAINING RING	1	
8	13263694	BYPASS VALVE ASSEMBLY	2	
9	50278019	O-RING	2	
10	59986448	BACK-UP RING	2	
11	59051680	O-RING	2	
12	13263702	SPRING	2	
13	13066329	SCR VALVE	2	
18	58828526	PLUG	3	
19	59558650	O-RING	3	
20	13263827	SPRING	1	
22	59051466	SEAL NUT	1	
23	13263710	SCREW	1	
24	13284443	SIDE COVER GASKET	1	
25	13263728	PLUG	1	
26	59051573	O-RING	1	
29	59387605	BEARING	1	
30	59933622	PLUG	3	
31	59698811	O-RING	3	
33	13263736	SERVO PISTON RING KIT	1	
35	59553230	O-RING	2	
37	54492608	O-RING	1	
38	59399303	NUT	1	
39	59249300	ADJUSTER, CHARGE RELIEF	1	
40	59155176	O-RING	1	
41	58891896	SPRING	1	
42	59399295	POPPET	1	
43	13263744	CHARGE PUMP GASKET	1	
48	13263777	SERVO COVER GASKET	1	
50	59051524	CONTROL GASKET	1	
98	19291764	REMANUFACTURED PUMP	1	

13244843 REV 01



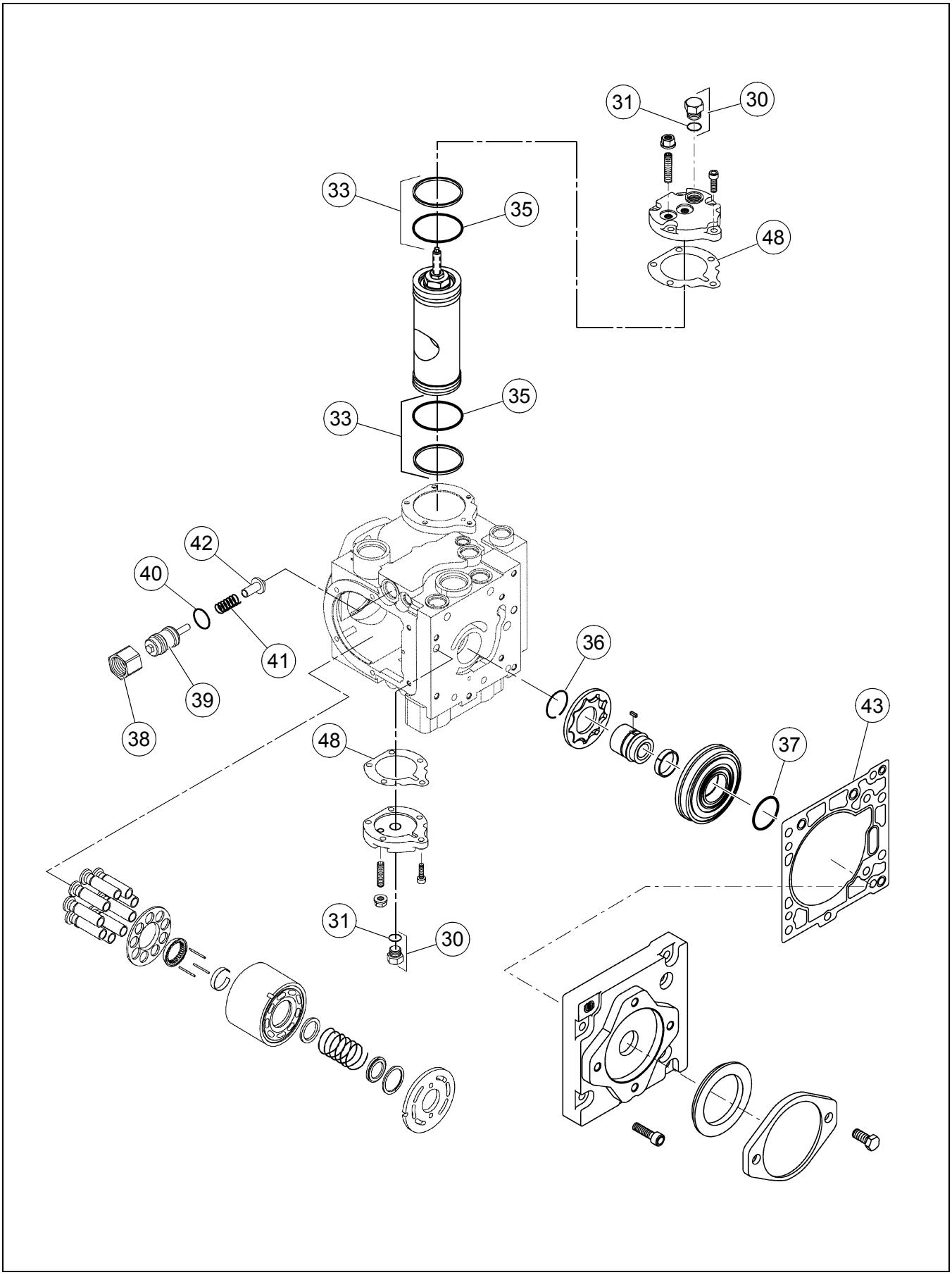
VARIABLE PISTON PUMP - SHEET 2 OF 3

****Only Offered Parts Listed****

BOM 54520622

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	13263678	SHAFT	1	
2	13263686	SHAFT	1	
3	59145896	RETAINING RING	1	
4	59145904	ROLLER BEARING	1	
5	59145888	O-RING	1	
6	13167937	SHAFT SEAL KIT	1	
7	59145862	RETAINING RING	1	
8	13263694	BYPASS VALVE ASSEMBLY	2	
9	50278019	O-RING	2	
10	59986448	BACK-UP RING	2	
11	59051680	O-RING	2	
12	13263702	SPRING	2	
13	13066329	SCR VALVE	2	
18	58828526	PLUG	3	
19	59558650	O-RING	3	
20	13263827	SPRING	1	
22	59051466	SEAL NUT	1	
23	13263710	SCREW	1	
24	13284443	SIDE COVER GASKET	1	
25	13263728	PLUG	1	
26	59051573	O-RING	1	
29	59387605	BEARING	1	
30	59933622	PLUG	3	
31	59698811	O-RING	3	
33	13263736	SERVO PISTON RING KIT	1	
35	59553230	O-RING	2	
37	54492608	O-RING	1	
38	59399303	NUT	1	
39	59249300	ADJUSTER, CHARGE RELIEF	1	
40	59155176	O-RING	1	
41	58891896	SPRING	1	
42	59399295	POPPET	1	
43	13263744	CHARGE PUMP GASKET	1	
48	13263777	SERVO COVER GASKET	1	
50	59051524	CONTROL GASKET	1	
98	19291764	REMANUFACTURED PUMP	1	

13244843 REV 01



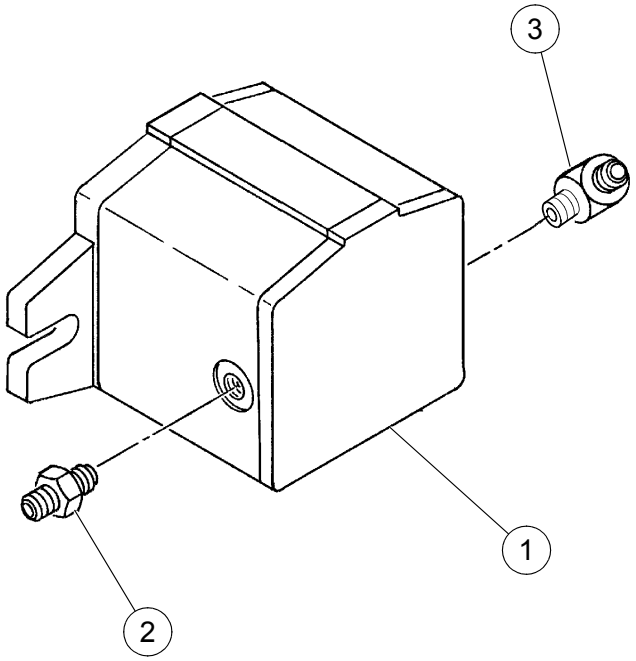
VARIABLE PISTON PUMP - SHEET 3 OF 3

****Only Offered Parts Listed****

BOM 54520622

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	13263678	SHAFT	1	
2	13263686	SHAFT	1	
3	59145896	RETAINING RING	1	
4	59145904	ROLLER BEARING	1	
5	59145888	O-RING	1	
6	13167937	SHAFT SEAL KIT	1	
7	59145862	RETAINING RING	1	
8	13263694	BYPASS VALVE ASSEMBLY	2	
9	50278019	O-RING	2	
10	59986448	BACK-UP RING	2	
11	59051680	O-RING	2	
12	13263702	SPRING	2	
13	13066329	SCR VALVE	2	
18	58828526	PLUG	3	
19	59558650	O-RING	3	
20	13263827	SPRING	1	
22	59051466	SEAL NUT	1	
23	13263710	SCREW	1	
24	13284443	SIDE COVER GASKET	1	
25	13263728	PLUG	1	
26	59051573	O-RING	1	
29	59387605	BEARING	1	
30	59933622	PLUG	3	
31	59698811	O-RING	3	
33	13263736	SERVO PISTON RING KIT	1	
35	59553230	O-RING	2	
37	54492608	O-RING	1	
38	59399303	NUT	1	
39	59249300	ADJUSTER, CHARGE RELIEF	1	
40	59155176	O-RING	1	
41	58891896	SPRING	1	
42	59399295	POPPET	1	
43	13263744	CHARGE PUMP GASKET	1	
48	13263777	SERVO COVER GASKET	1	
50	59051524	CONTROL GASKET	1	
98	19291764	REMANUFACTURED PUMP	1	

59122671 REV 01



STEERING PUMP ASSEMBLY

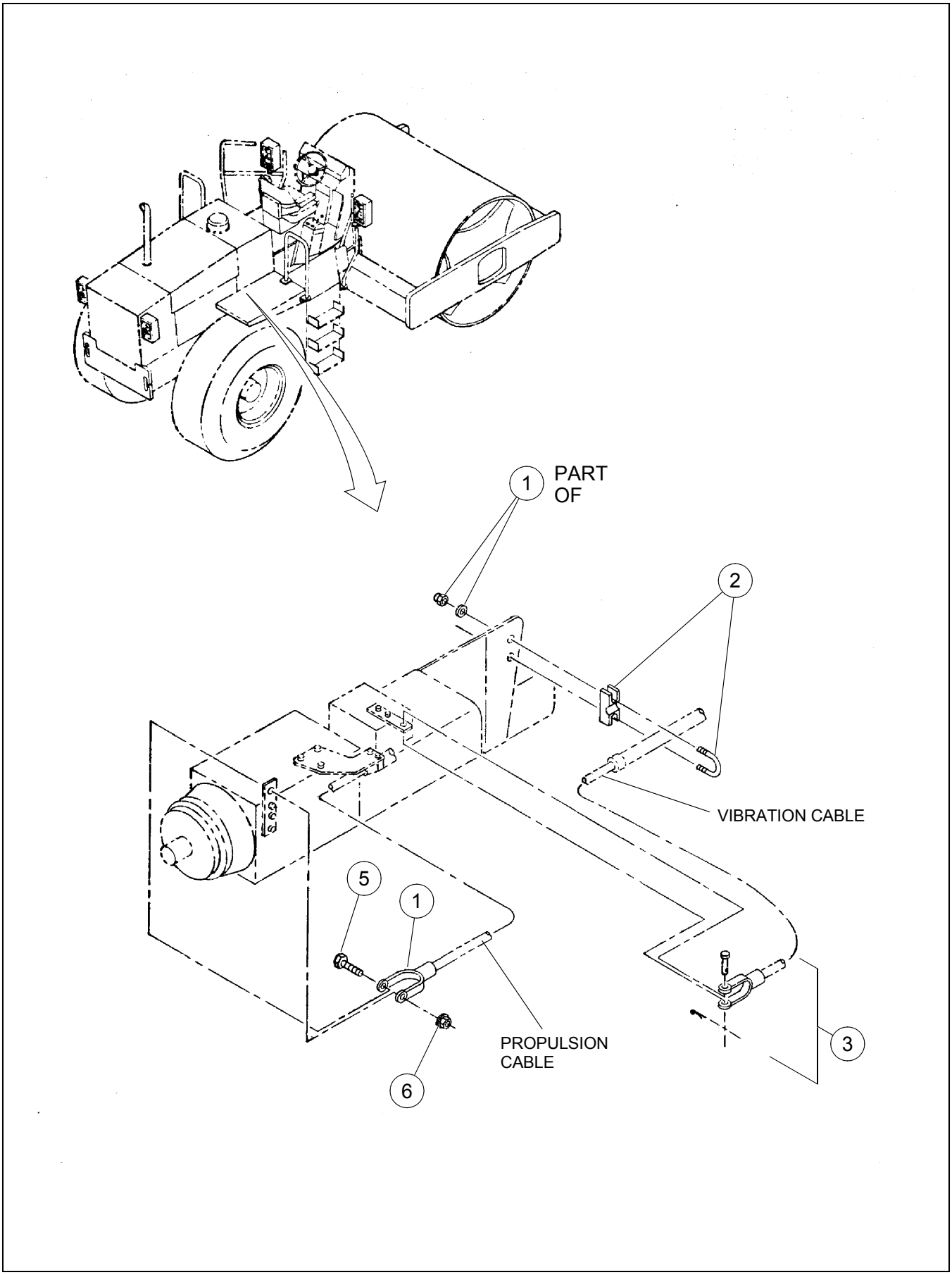
****Only Offered Parts Listed****

BOM 59122671

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	58858820	STEERING PUMP	1	
-	58898677	- SEAL KIT	1	
2	95285946	ADAPTER	1	
3	95368890	ADAPTER	1	

PUMP INSTALLATION

59320671 REV 03



PUMP INSTALLATION

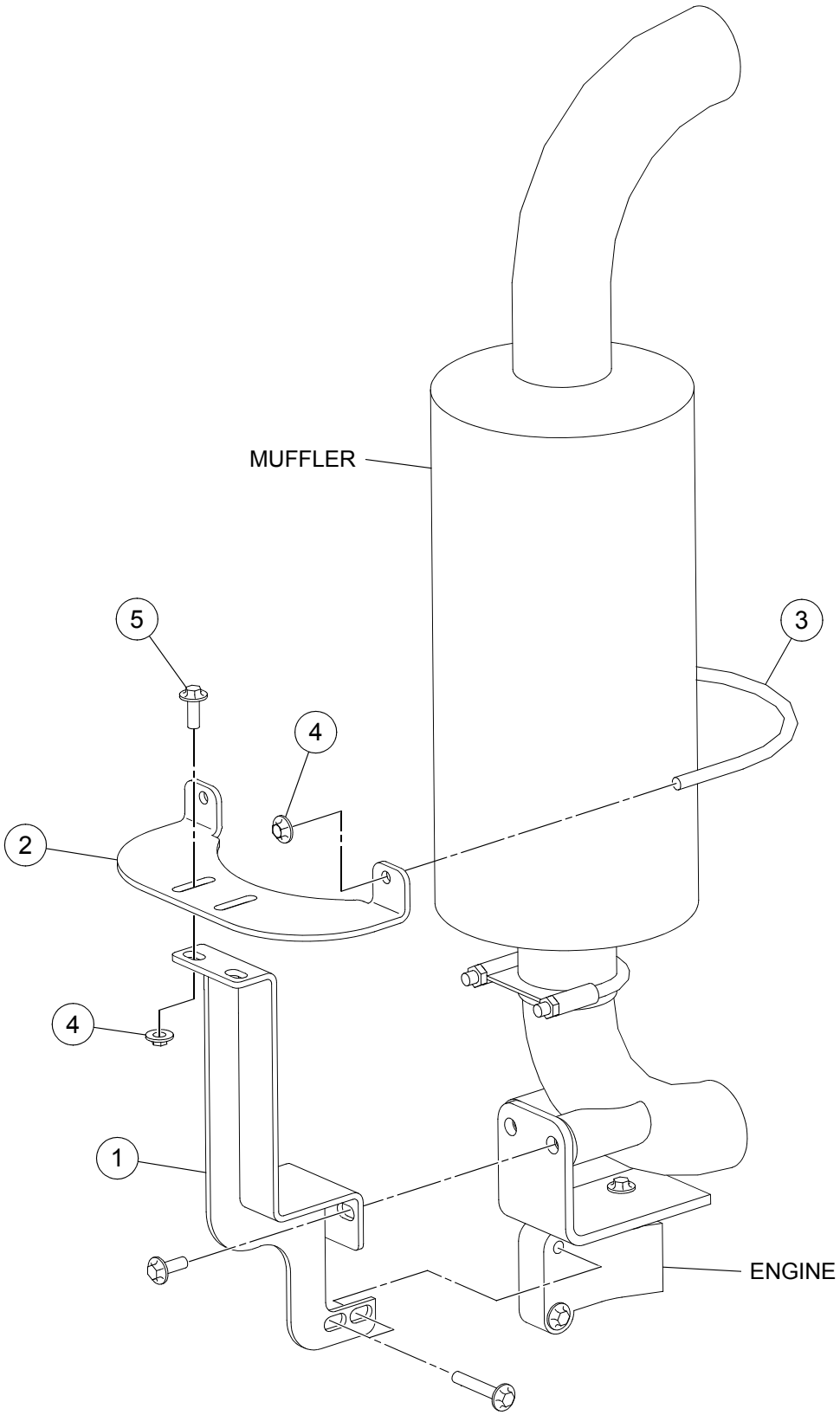
****Only Offered Parts Listed****

BOM 59320671

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	59604835	CLEVIS ASSEMBLY	1	
2	59588418	CLAMP KIT	1	
3	59662312	CLEVIS	1	
5	95699948	SHOULDER SCREW	1	5/16X.75
6	95923298	LOCKNUT	1	1/4-20

MUFFLER BRACKET INSTALLATION

13440516 REV 01



MUFFLER BRACKET INSTALLATION

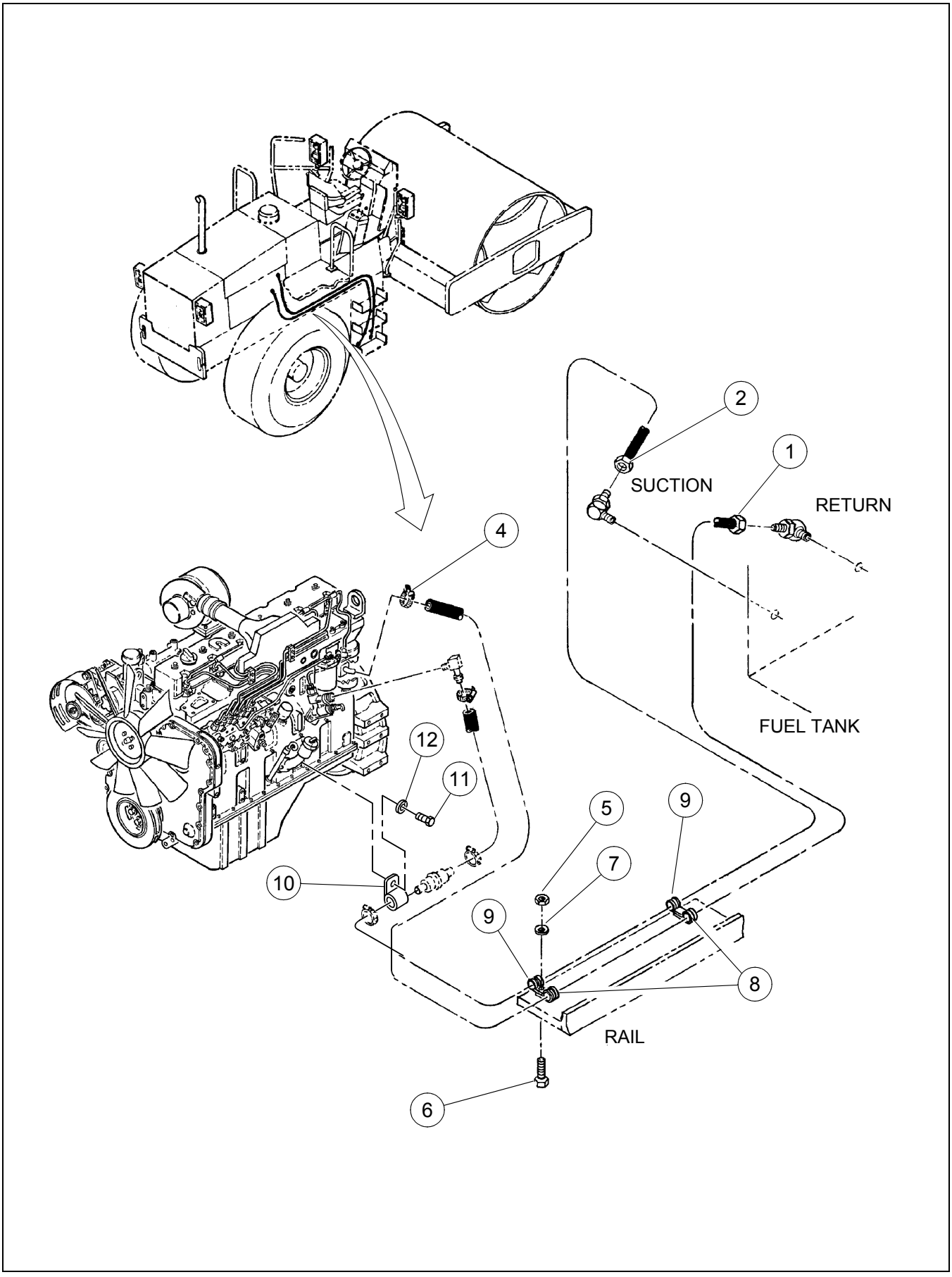
****Only Offered Parts Listed****

BOM 13440516

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	13434253	BRACKET, MUFFLER	1	
2	13440102	CLAMP	1	
3	13440094	U BOLT	1	
4	96704846	LOCK NUT	4	M10X1
5	96704432	WHIZ BOLT	2	M10X20

FUEL LINE ASSEMBLY

59161240 REV 02



FUEL LINE ASSEMBLY

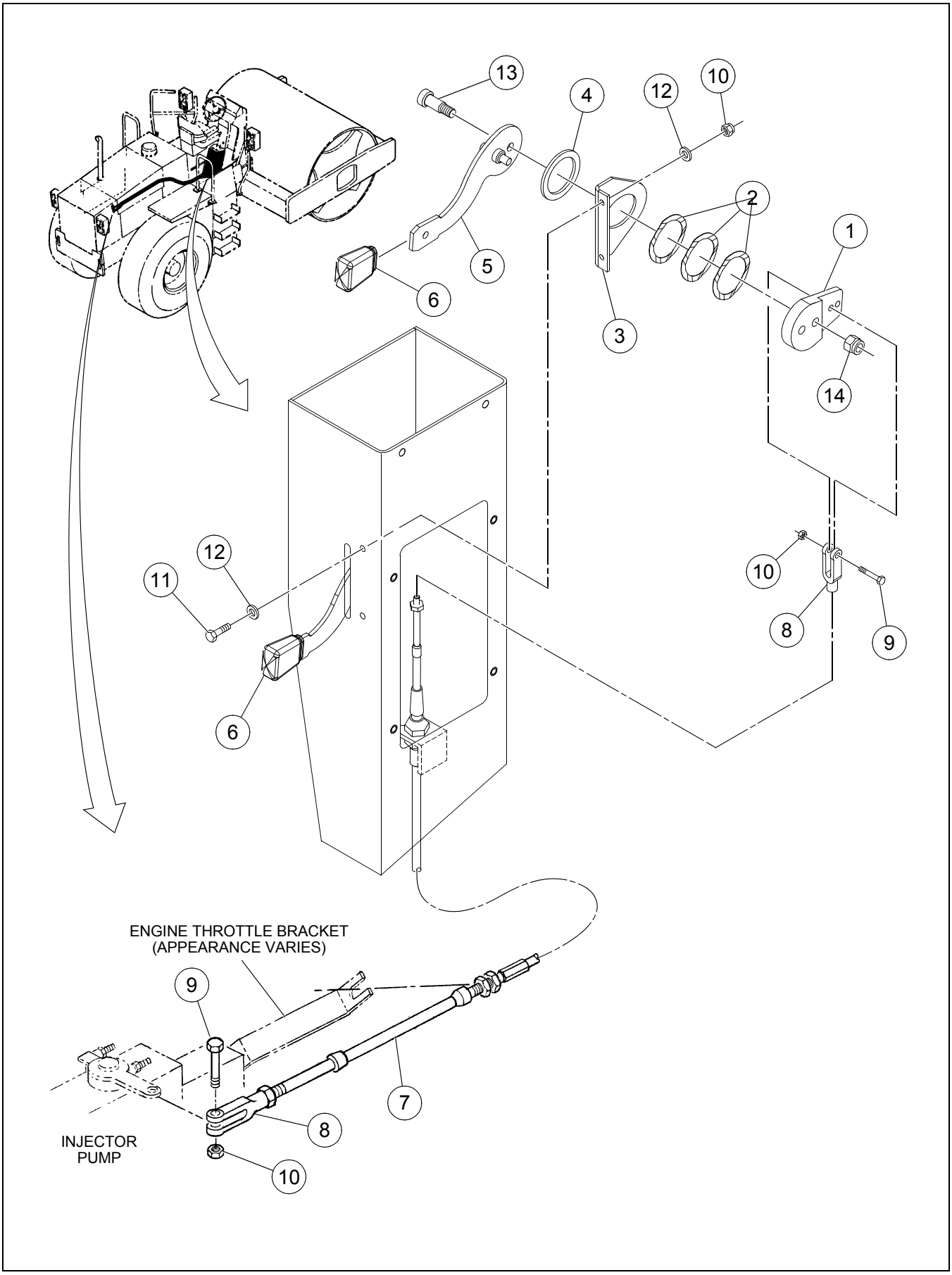
****Only Offered Parts Listed****

BOM 59161240

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
4	50274299	HOSE CLAMP	2	
5	96704234	NUT	2	M6X1
6	96701461	HHCS CL 8.8,YEL ZN	2	M6-1X25
7	96741053	FLATWASHER	2	
8	59397059	CLAMP	2	
9	59397489	CLAMP	2	
10	95378873	CLAMP	1	
11	96701495	HHCS CL 8.8,YEL ZN	1	M12-1.75X25
12	96738596	FLATWASHER	1	

THROTTLE ASSEMBLY

13222815 REV 00



THROTTLE ASSEMBLY

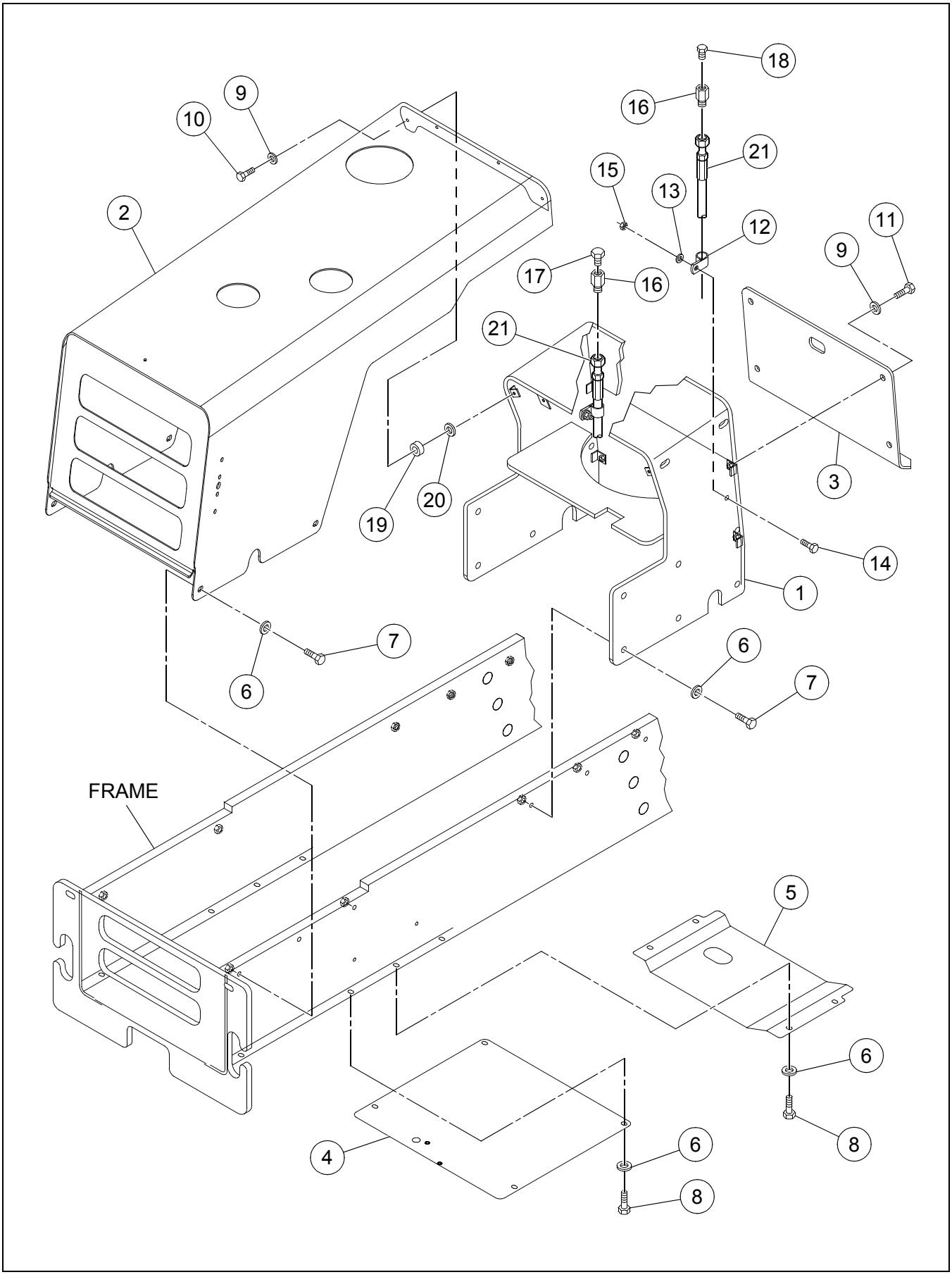
****Only Offered Parts Listed****

BOM 13222815

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	59219287	LEVER, THROTTLE	1	
2	59219261	WASHER	3	
3	59226548	THROTTLE BRACKET	1	
4	59219253	WASHER	1	
5	59219279	LEVER	1	
6	59219246	GRIP	1	
7	59161257	CONTROL CABLE	1	
8	59901306	CLEVIS	2	
9	95860052	SCREW	2	
10	95943346	NUT	4	
11	95921722	HHCS	2	10-24X1.5
12	95922332	FLATWASHER	4	
13	95326609	HHCS	2	
14	95923314	LOCKNUT	2	5/16-18

ENGINE COWLING AND HOOD INSTALLATION

13290077 REV 01



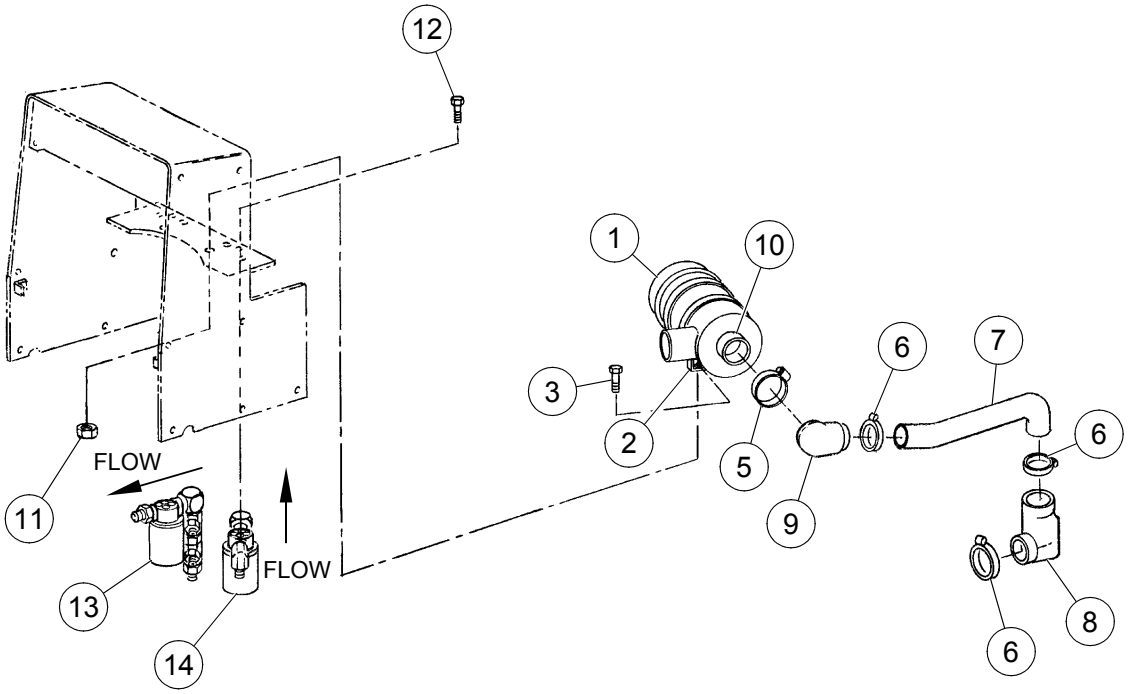
ENGINE COWLING AND HOOD INSTALLATION

****Only Offered Parts Listed****

BOM 13290077

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	13299672	RADIUS COWLING	1	
2	13323175	HOOD	1	
3	59108852	FRONT COVER PLATE	1	
4	13277421	COVER PLATE	1	
5	13293097	PAN, ENGINE BELLY	1	
6	96738596	FLATWASHER	18	
7	96702311	HHCS CL 8.8,YEL ZN	10	M12-1.75X30
8	96701495	HHCS CL 8.8,YEL ZN	8	M12-1.75X25
9	96741046	FLATWASHER	8	
10	96719265	HHCS CL 8.8,YEL ZN	4	M10-1.5X50
11	96702279	HHCS CL 8.8,YEL ZN	4	M10-1.5X20
12	59442046	LOOPED CLAMP	2	
13	96704663	FLATWASHER	2	M6
14	96704564	HHCS CL 8.8,YEL ZN	2	M6-1X20
15	96704598	ESNA NUT	2	M6
16	95286514	ADAPTER	2	
17	59093351	BREATHER, FILTERED VENT	1	
18	59127845	BREATHER/CHECK VALVE VENT	1	
19	58786617	SPACER	4	
20	96714407	FLATWASHER	4	M10

59104109 REV 03



AIR CLEANER INSTALLATION

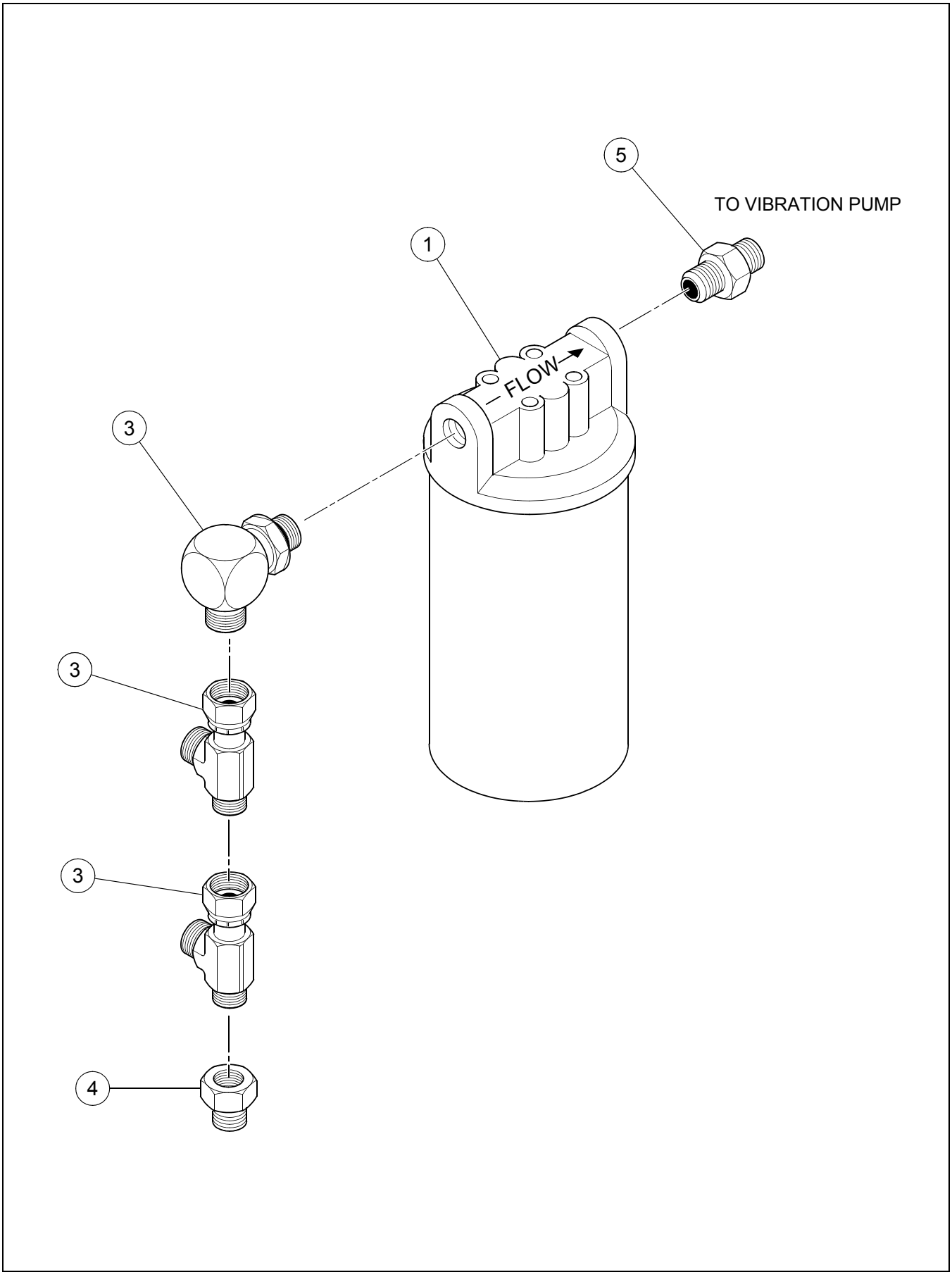
****Only Offered Parts Listed****

BOM 59104109

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	39144019	AIR CLEANER	1	
-	35318252	- PRIMARY FILTER ELEMENT	1	
-	35328442	- SAFETY FILTER ELEMENT	1	
-	50938935	- NUT ASSEMBLY	2	
-	50938968	- CUP ASSEMBLY	1	
2	50931971	MUFFLER CLAMP	2	
3	96704408	BOLT	4	M8X20
5	54680103	BAND CLAMP	1	
6	54680087	CLAMP	3	
7	59117747	AIR INLET TUBE	1	
8	59104810	RUBBER ELBOW	1	
9	59801886	ADAPTER	1	
10	59873984	INDICATOR SWITCH	1	
11	96704416	WHIZ LOCKNUT	4	M8X1.25
12	59869917	WHIZ LOCK BOLT	4	
13	**NSVA**	**VIBRATION FILTER ASSEMBLY**	**1**	**See Page C - 30.**
14	**NSVA**	**VIBRATION FILTER ASSEMBLY**	**1**	**See Page C - 32.**

VIBRATION FILTER ASSEMBLY

59122556 REV 00



VIBRATION FILTER ASSEMBLY

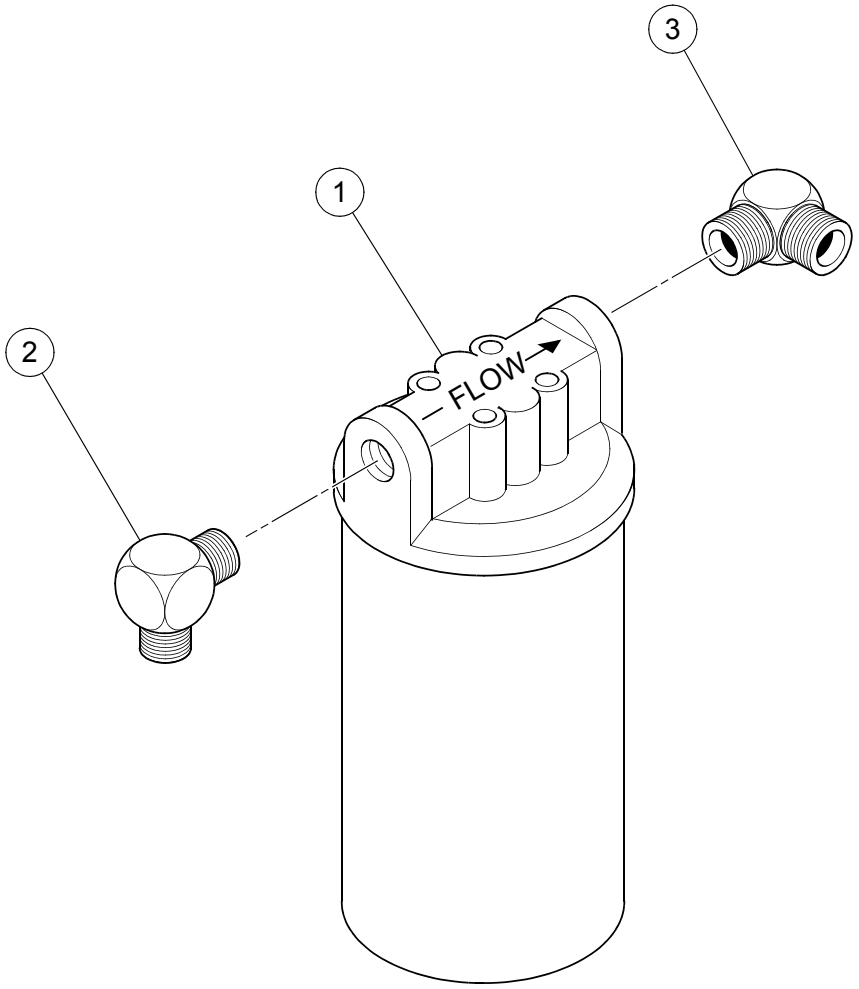
****Only Offered Parts Listed****

BOM 59122556

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	59984559	FILTER	1	
-	59587196	- FILTER ELEMENT	1	
2	95376133	ELBOW	1	
3	95403325	TEE	2	
4	56800717	ADAPTER	1	
5	95402830	ADAPTER	1	

VIBRATION FILTER ASSEMBLY

59122564 REV 00



VIBRATION FILTER ASSEMBLY

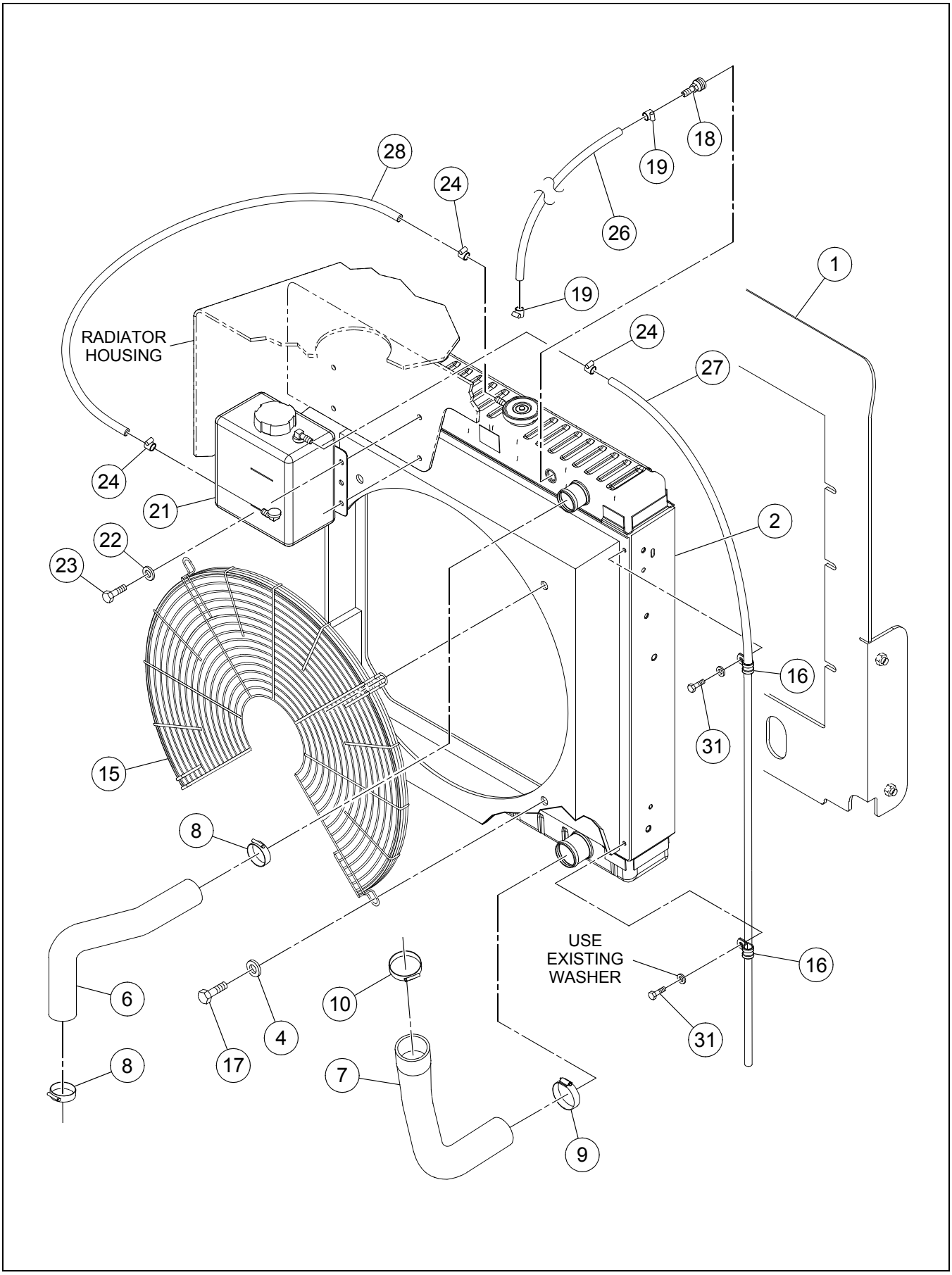
****Only Offered Parts Listed****

BOM 59122564

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	59984559	FILTER	1	
-	59587196	- FILTER ELEMENT	1	
2	95357604	ADAPTER	1	
3	95376133	ELBOW	1	

RADIATOR/OIL COOLER INSTALLATON - SHEET 1 OF 2

13274337 REV 01



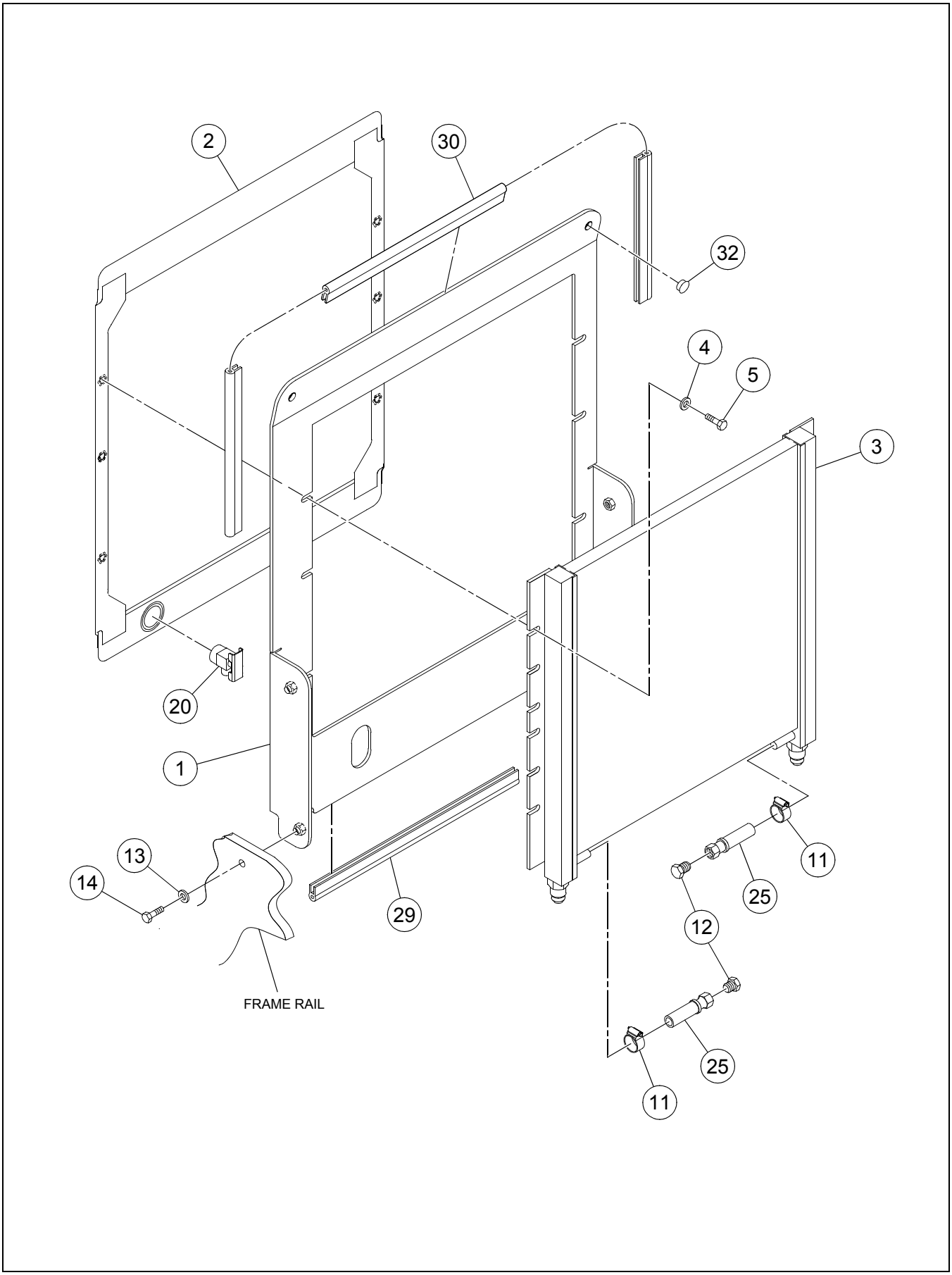
RADIATOR/OIL COOLER INSTALLATON - SHEET 1 OF 2

****Only Offered Parts Listed****

BOM 13274337

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	13273396	COOLER MOUNT	1	
2	13276266	RADIATOR	1	
-	59498790	- RADIATOR CAP	1	
3	13161690	OIL COOLER ***	1	
4	96711833	WASHER	10	M10
5	96702287	HHCS CL 8.8,YEL ZN	6	M10-1.5X25
6	13274048	RADIATOR HOSR, TOP	1	
7	13274055	RADIATOR HOSE, BOTTOM	1	
8	95220893	CLAMP	2	
9	95278008	CLAMP	1	
10	95286266	CLAMP	1	
11	95090106	WORM CLAMP	2	
12	95404414	PLUG	2	
13	96738596	FLATWASHER	4	
14	96702311	HHCS CL 8.8,YEL ZN	4	M12-1.75X30
15	59133918	FAN GUARD	1	
16	59397059	CLAMP	2	
17	96702279	HHCS CL 8.8,YEL ZN	4	M10-1.5X20
18	59331934	ADAPTER	1	
19	95302709	CLAMP	2	
20	58848920	DRAIN ASSEMBLY	1	
21	58802851	RECOVERY BOTTLE	1	
-	59154807	- CAP	1	
22	96741038	FLATWASHER	4	
23	96702824	HHCS CL 8.8,YEL ZN	4	M8-1.25X20
24	50274299	HOSE CLAMP	3	
29	13229620	SEAL TRIM	1	
30	13229612	SEAL TRIM	1	
31	96701958	HHCS CL 8.8,YEL ZN	2	M6-1X16
32	59813329	PLUG	2	

13274337 REV 01



RADIATOR/OIL COOLER INSTALLATON - SHEET 2 OF 2

****Only Offered Parts Listed****

BOM 13274337

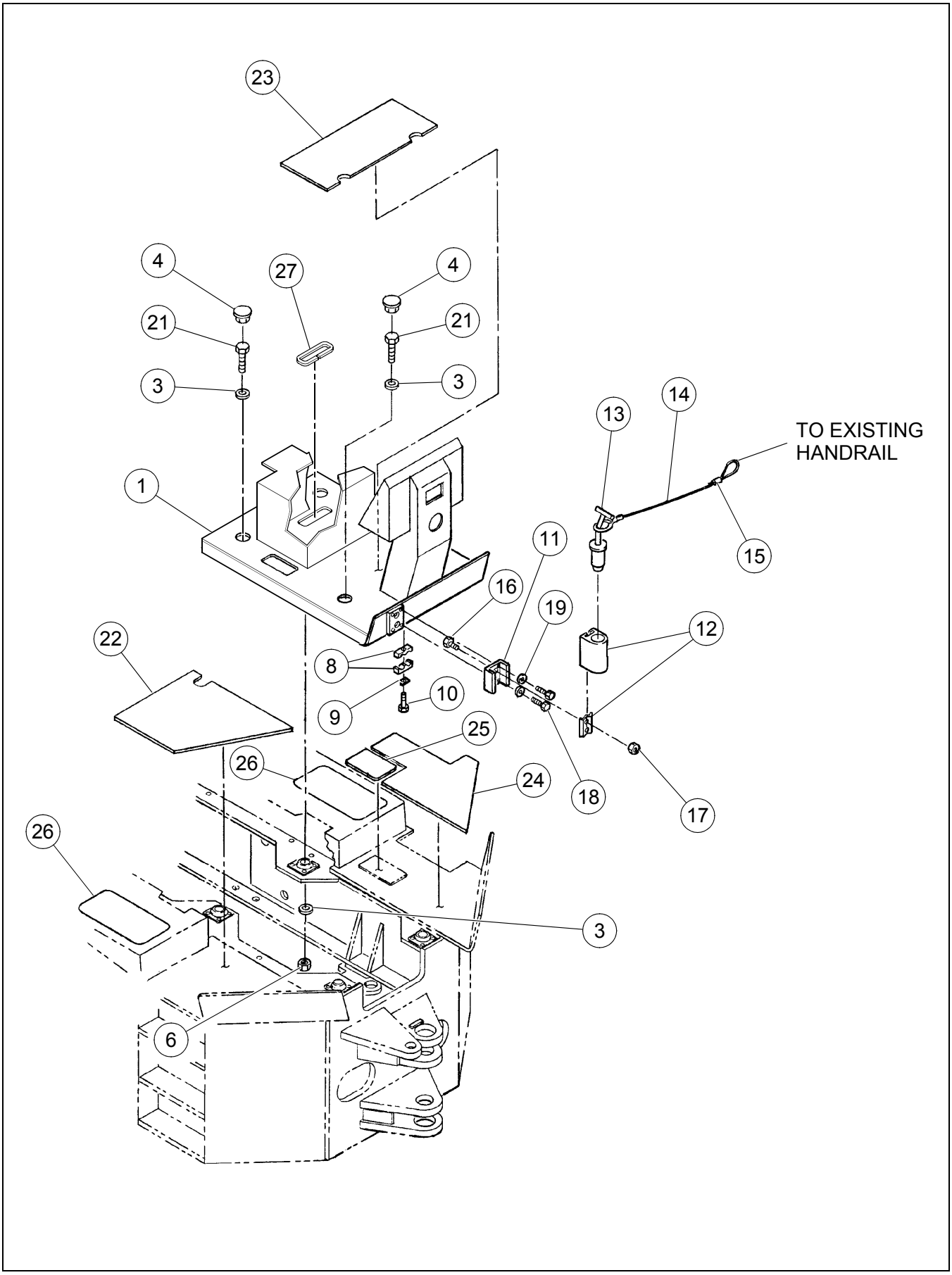
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	13273396	COOLER MOUNT	1	
2	13276266	RADIATOR	1	
-	59498790	- RADIATOR CAP	1	
3	13161690	OIL COOLER ***	1	
4	96711833	WASHER	10	M10
5	96702287	HHCS CL 8.8,YEL ZN	6	M10-1.5X25
6	13274048	RADIATOR HOSR, TOP	1	
7	13274055	RADIATOR HOSE, BOTTOM	1	
8	95220893	CLAMP	2	
9	95278008	CLAMP	1	
10	95286266	CLAMP	1	
11	95090106	WORM CLAMP	2	
12	95404414	PLUG	2	
13	96738596	FLATWASHER	4	
14	96702311	HHCS CL 8.8,YEL ZN	4	M12-1.75X30
15	59133918	FAN GUARD	1	
16	59397059	CLAMP	2	
17	96702279	HHCS CL 8.8,YEL ZN	4	M10-1.5X20
18	59331934	ADAPTER	1	
19	95302709	CLAMP	2	
20	58848920	DRAIN ASSEMBLY	1	
21	58802851	RECOVERY BOTTLE	1	
-	59154807	- CAP	1	
22	96741038	FLATWASHER	4	
23	96702824	HHCS CL 8.8,YEL ZN	4	M8-1.25X20
24	50274299	HOSE CLAMP	3	
29	13229620	SEAL TRIM	1	
30	13229612	SEAL TRIM	1	
31	96701958	HHCS CL 8.8,YEL ZN	2	M6-1X16
32	59813329	PLUG	2	

Always use Volvo Replacement parts!*

Section D - OPERATORS COMPARTMENT

OPERATORS PLATFORM INSTALLATION

59114876 REV 06



OPERATORS PLATFORM INSTALLATION

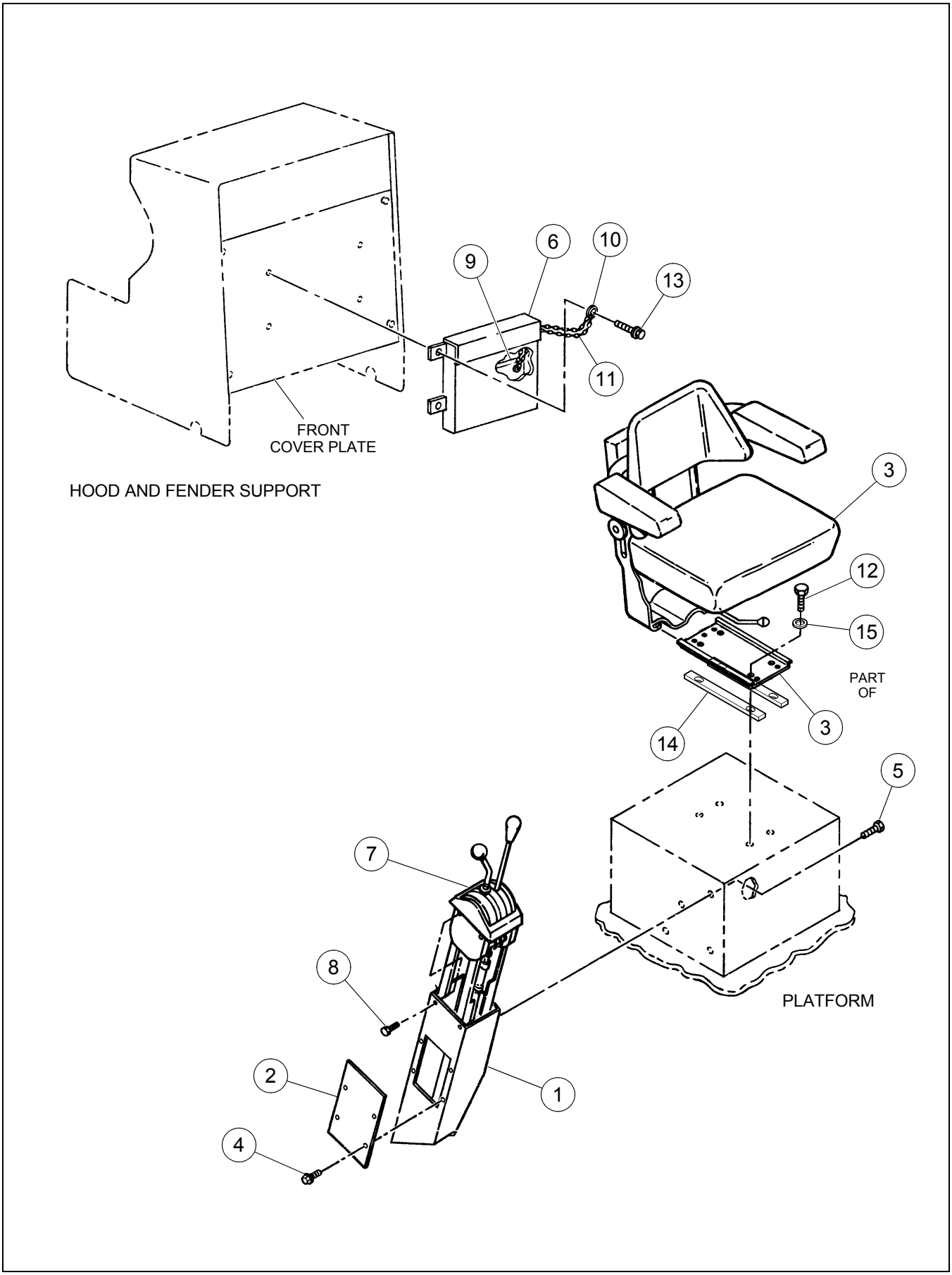
****Only Offered Parts Listed****

BOM 13207097

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	13241971	PLATFORM	1	
3	96701545	WASHER	8	
4	58877705	PLATFORM PLUG	4	
6	96704291	HEX NUT	4	M12
8	59618579	CLAMP INSERT	4	
9	59583500	COVER PLATE	2	
10	96705553	HHCS CL 8.8,YEL ZN	2	M8-1.25X45
11	59019919	BRACKET PIN HOLDER	1	
12	59689927	ARTICULATION LOCK SLEEVE	1	
13	58895202	PIN	1	
-	95922308	- FLATWASHER	1	
14	59607861	CABLE	1	
15	59607853	FERRULE	2	
16	96704564	HHCS CL 8.8,YEL ZN	2	M6-1X20
17	96704234	NUT	2	M6X1
18	96701958	HHCS CL 8.8,YEL ZN	4	M6-1X16
19	96741053	FLATWASHER	4	
21	96704283	HHCS CL 8.8,YEL ZN	4	M12-1.75X80
22	13207089	DECK TREAD FUEL TANK TOP	1	
23	59128173	DECK TREAD:PLATFORM	1	
24	13207071	DECK TREAD HYD TANK TOP	1	
25	59128181	DECK TREAD	1	
26	59006163	SAFETY TREAD	2	
27	13222096	TRIM	1	

SEAT INSTALLATION - SHEET 1 OF 2

13222773 REV 02



SEAT INSTALLATION - SHEET 1 OF 2

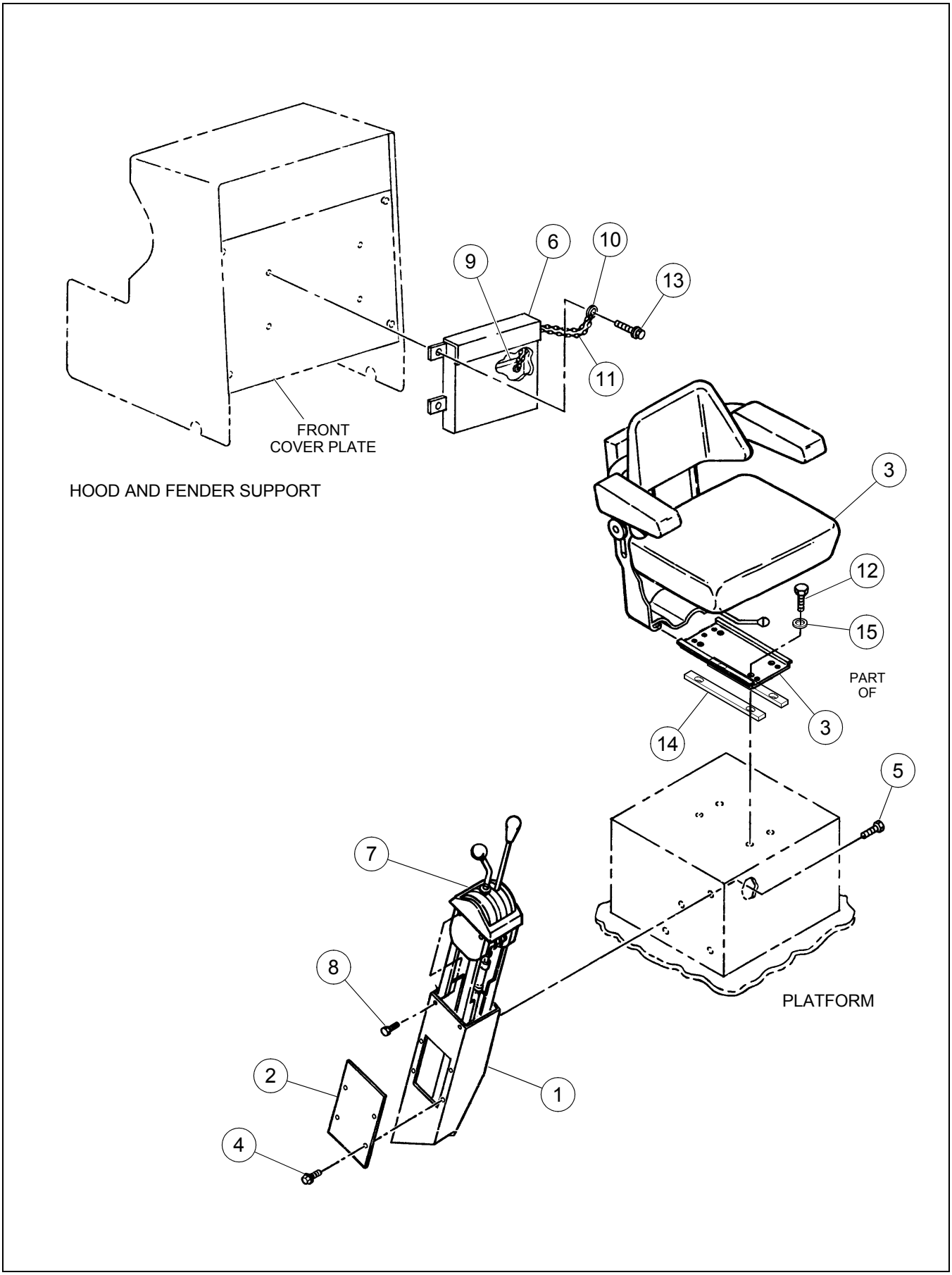
****Only Offered Parts Listed****

BOM 13222773

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	13222781	CONTROL BOX	1	
2	13222807	COVER PLATE	1	
3	13229554	SEAT	1	
-	NSS	- NOT SOLD SEPERATLY	1	
-	59920207	- BUSHING	6	
-	59920025	- PIN	1	
-	59370759	- SPINDLE	1	
-	59370742	- GROMMET	2	
-	59920298	- SCREW	2	
-	59370734	- YOKE	1	
-	59370544	- ARM	1	
-	59920009	- SHAFT	1	
-	59920280	- RETAINER	4	
-	59920272	- WASHER	2	
-	59919985	- SHAFT	1	
-	59920215	- GROMMET	3	
-	59919910	- PIN	1	
-	59370569	- SPRING	2	
-	59920223	- WASHER	8	
-	59920199	- ROLLER	2	
-	13441266	- BACKREST	1	
-	13441274	- SEAT CUSHION	1	
-	59919944	- SCREW	2	
-	59445528	- BRACKET	1	
-	59445536	- WASHER	2	
-	59445544	- KNOB	2	
-	59445551	- NUT	2	
-	59920231	- BOLT	9	
-	59920066	- SPRING CLIP	1	
-	59920033	- PIN	1	
-	59920058	- YOKE	1	
-	59920017	- BRACKET	4	
-	59919969	- KNOB	1	
-	59920132	- HANDLE	1	
-	59370700	- RAIL	1	
-	13441282	- LH ARMREST	1	
-	13441290	- RH ARMREST	1	
-	59445643	- FRAME	1	
-	59445650	- ABSORBER	1	
-	59920264	- BOLT	4	
4	96704531	BOLT	4	M6X16
5	96704432	WHIZ BOLT	4	M10X20

SEAT INSTALLATION - SHEET 2 OF 2

13222773 REV 02



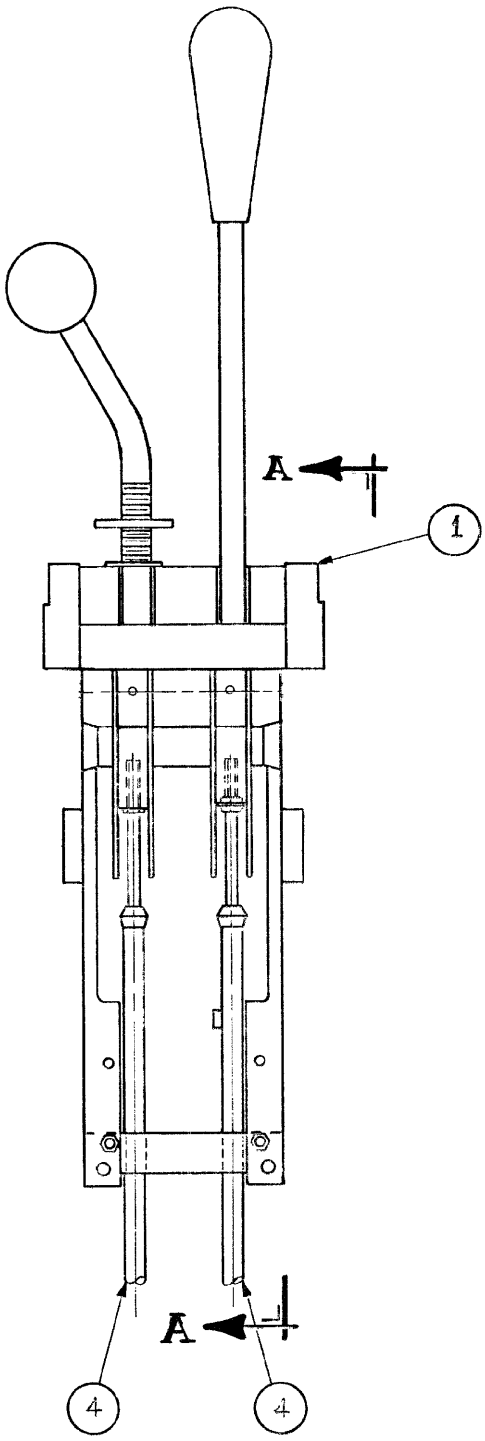
SEAT INSTALLATION - SHEET 2 OF 2

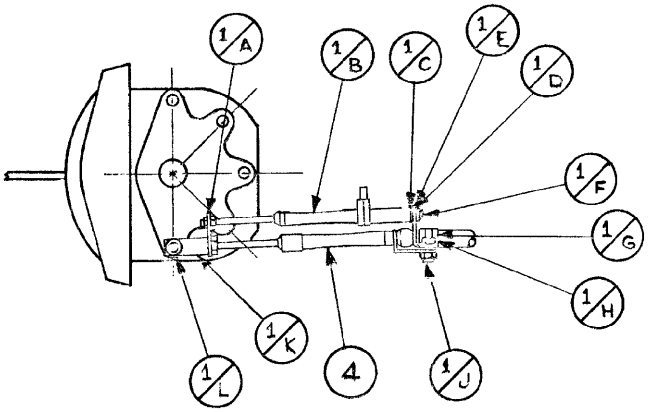
****Only Offered Parts Listed****

BOM 13222773

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
6	59862938	MANUAL POUCH	1	
7	**NSVA**	**CONTROL ASSEMBLY**	**1**	**See Page D - 8.**
8	59965962	WHIZ LOCK BOLT	4	
9	58950932	SAFETY MANUAL	1	
10	58880303	SPLIT RING	1	
11	58880311	CHAIN	1	
12	96708078	SHCS CL 8.8	4	M8-1.25X35
13	96719190	HHCS	4	M6X20
14	13256219	SPACER	2	
15	96741038	FLATWASHER	4	

59807594 REV 04





SECTION "A-A"
SCALE: NONE
ROTATED 90° CCW

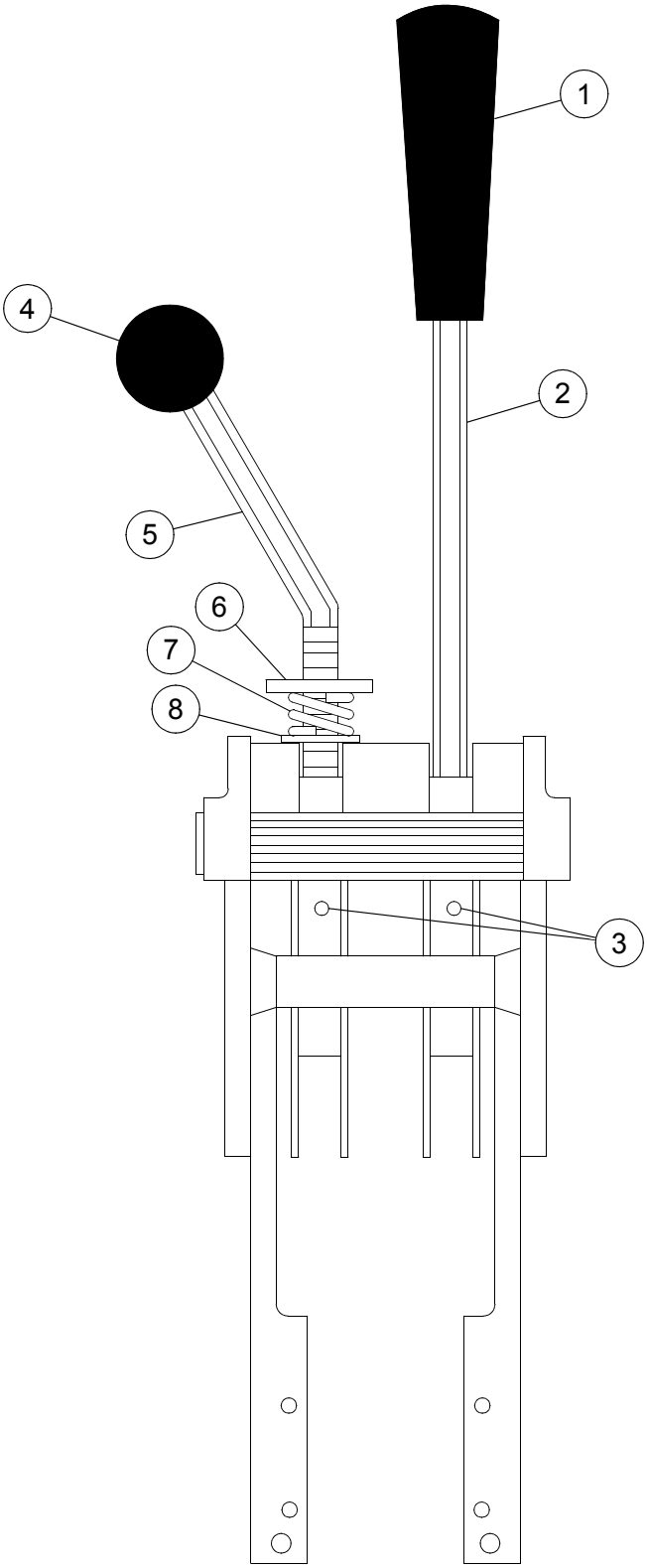
CONTROL ASSEMBLY

****Only Offered Parts Listed****

BOM 59807594

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	**NSVA**	**CONTROL**	**1**	**See Page D - 10.**
4	59815431	CABLE	2	

59815449 REV 03



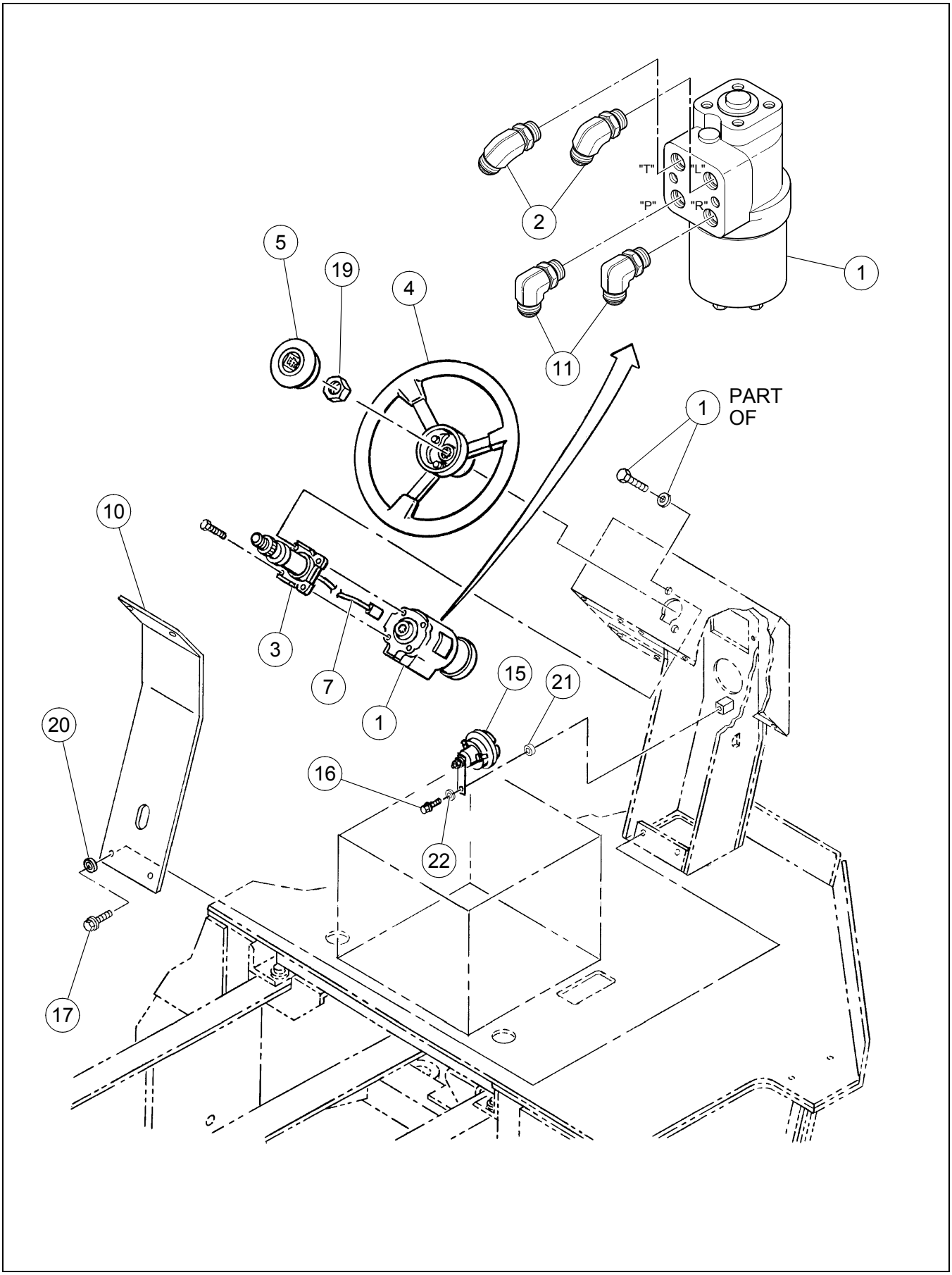
Only Offered Parts Listed

BOM 59815449

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	59899641	KNOB	1	
2	59652057	LEVER	1	
3	50849751	SPRING PIN	2	
4	59648394	KNOB	1	
5	59652065	LEVER	1	
6	58059601	KNOB	1	
7	58059619	SPRING	1	
8	58059627	BRAKE SHOE ASSEMBLY	1	

STEERING WHEEL AND HORN INSTALLATION

59114868 REV 03



STEERING WHEEL AND HORN INSTALLATION

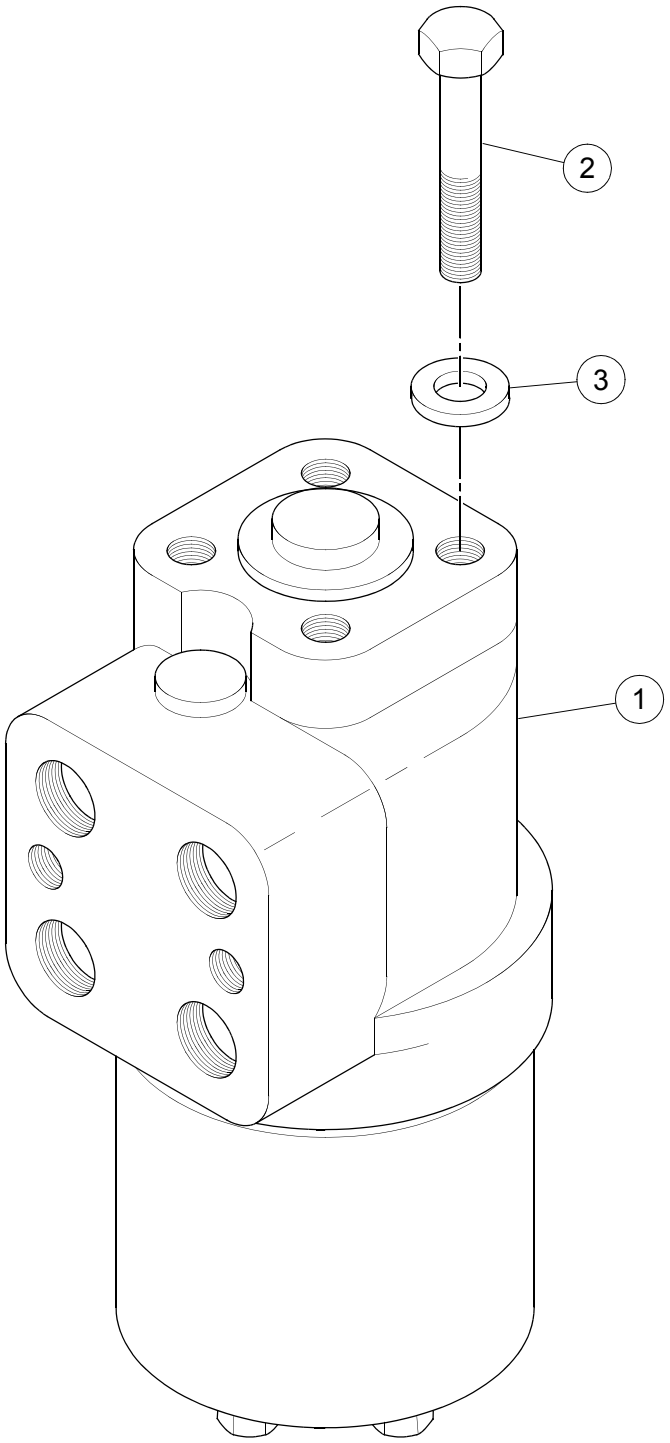
****Only Offered Parts Listed****

BOM 59114868

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	**NSVA**	**STEERING VALVE SUB-ASSEMBLY**	**1**	**See Page D - 14.**
2	59824862	ADAPTER	2	
3	58858580	STEERING COLUMN	1	
-	59461368	- NUT	1	
4	58858564	STEERING WHEEL	1	
5	59159558	HORN BUTTON	1	
7	59465377	HEAT SHRINK TUBE	A/R	
10	59108969	FRONT COVER PLATE	1	
11	95303335	ADAPTER	2	
15	**NSVA**	**HORN ASSEMBLY**	**1**	**See Page D - 16.**
16	96702261	HHCS CL 8.8,YEL ZN	1	M8-1.25X35
17	96702279	HHCS CL 8.8,YEL ZN	4	M10-1.5X20
19	59461368	NUT	1	
20	96714399	FLAT WASHER CL 140,YEL ZN	4	ID-10.5,OD-20.0X2.0THK
21	59177220	HORN SPACER	1	
22	96741020	FLAT WASHER CL 140,YEL ZN	1	ID-8.4,OD-16.0X1.6THK

STEERING VALVE SUB-ASSEMBLY

13159959 REV 00



STEERING VALVE SUB-ASSEMBLY

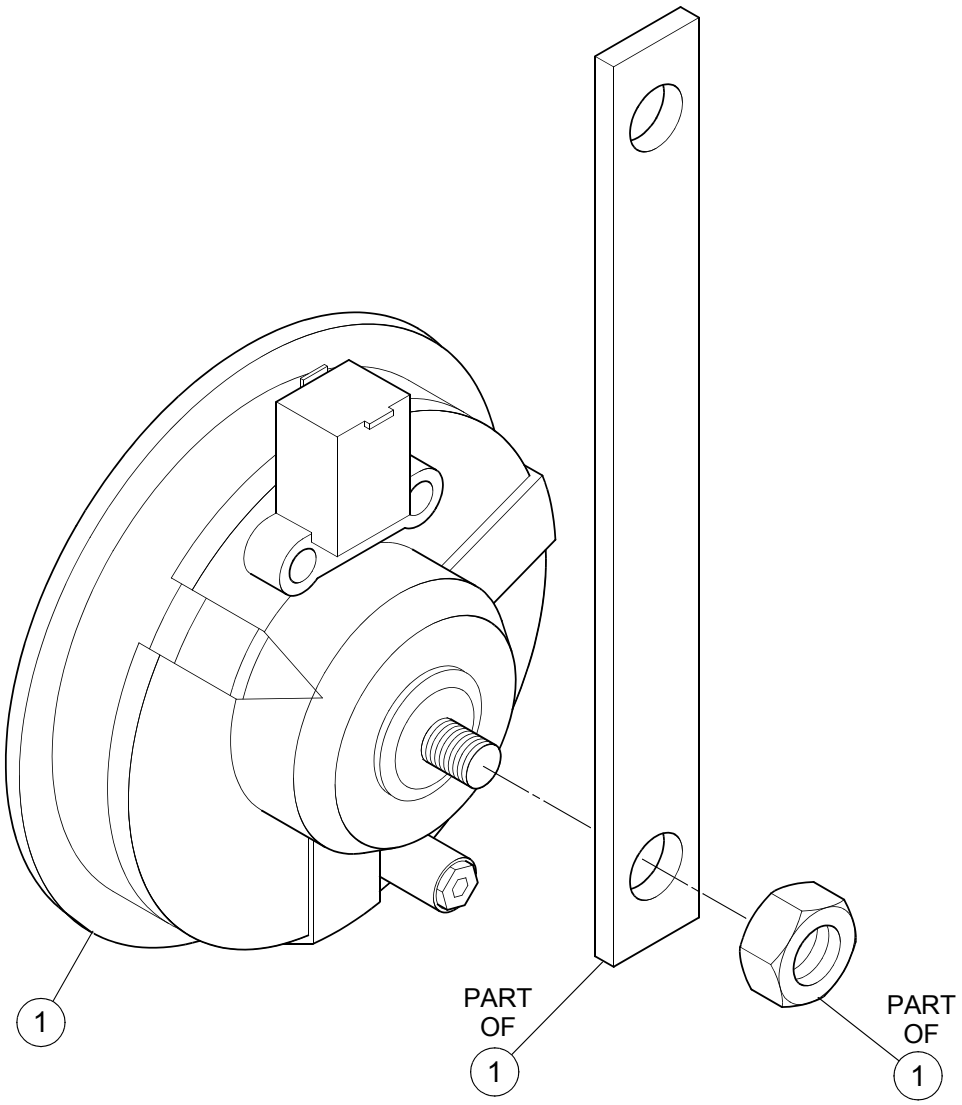
****Only Offered Parts Listed****

BOM 13159959

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	54669544	STEERING VALVE	1	
-	54747340	- SEAL KIT	1	
2	96701917	HHCS CL 8.8,YEL ZN	2	M10-1.5X30
3	96741046	FLATWASHER	2	

HORN ASSEMBLY

59162735 REV 02



HORN ASSEMBLY

****Only Offered Parts Listed****

BOM 59162735

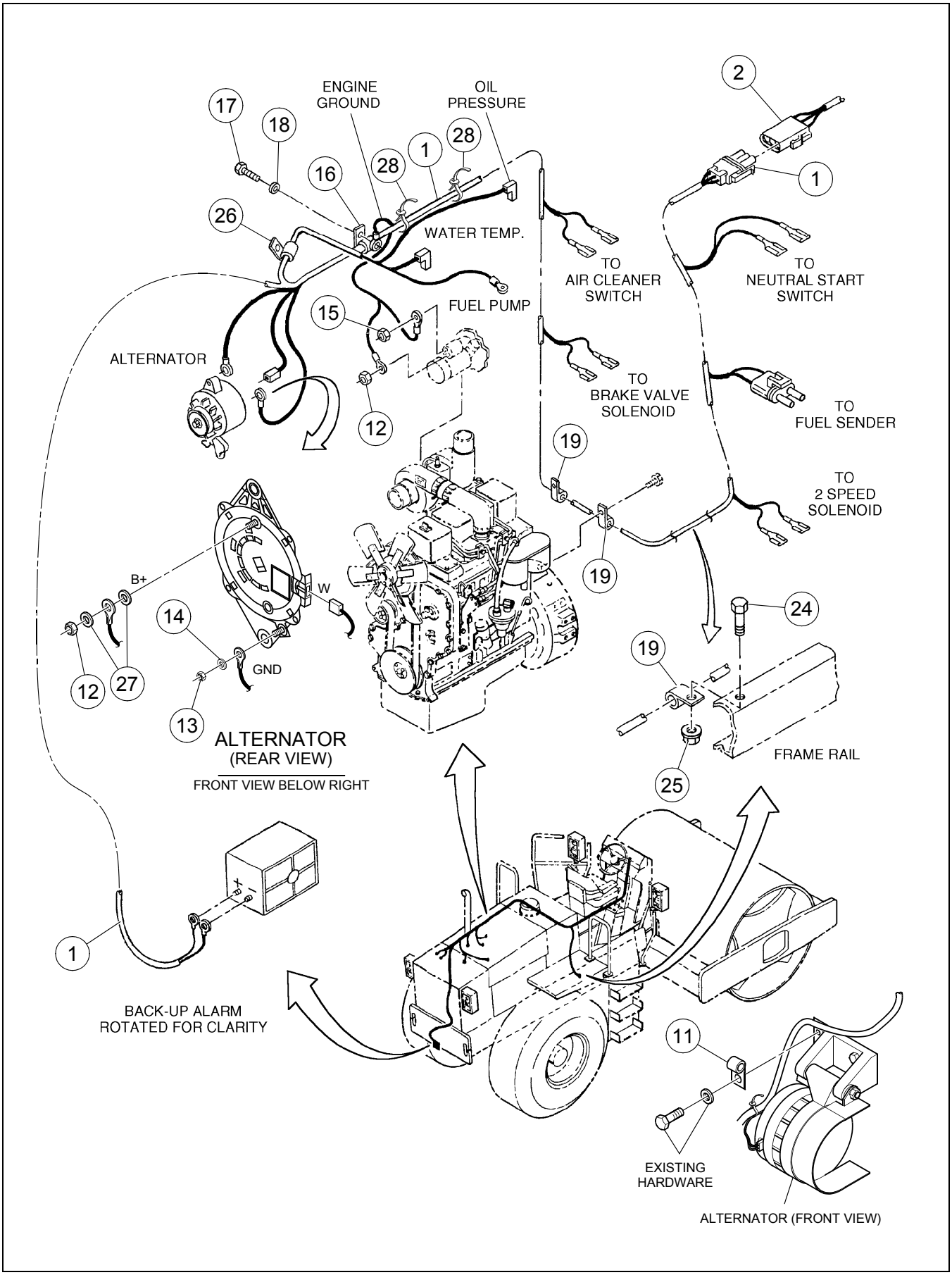
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	13469010	HORN	1	

Always use Volvo Replacement parts!*

Section E - ELECTRICAL

WIRING HARNESS INSTALLATION - SHEET 1 OF 2

13289723 REV 03



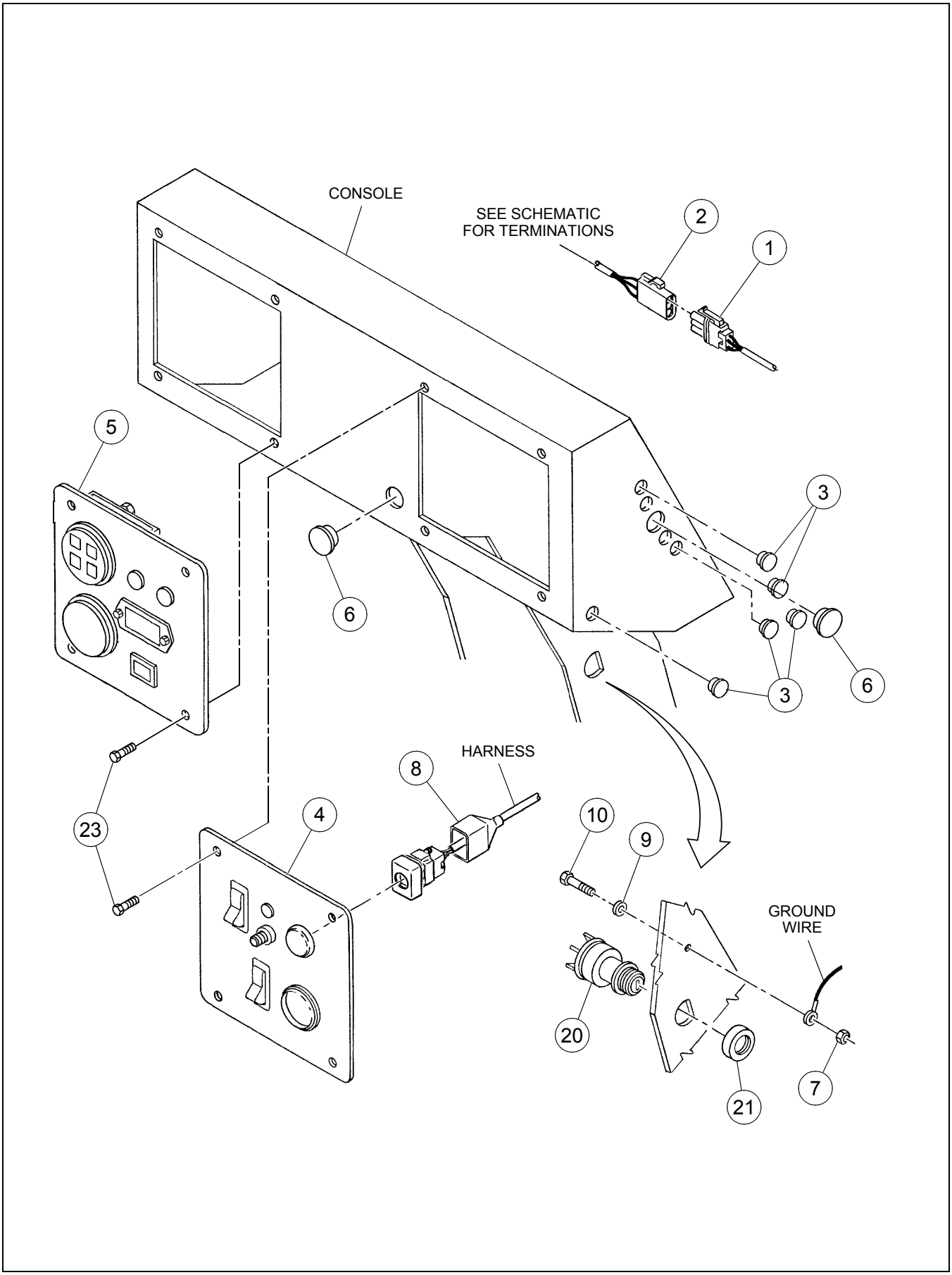
WIRING HARNESS INSTALLATION - SHEET 1 OF 2

****Only Offered Parts Listed****

BOM 13289723

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	13860812	HARNESS, CHASSIS WIRING	1	
2	13470091	HARNESS, CONSOLE WIRING	1	
3	59813329	PLUG	10	
4	**NSVA**	**RH PANEL ASSEMBLY**	**1**	**See Page E - 6.**
5	**NSVA**	**LH PANEL ASSEMBLY**	**1**	**See Page E - 8.**
6	59326827	PLUG	3	
7	96704176	NUT	1	
8	59108605	DUST BOOT	1	
9	96741053	FLATWASHER	1	
10	96704564	HHCS CL 8.8,YEL ZN	1	M6-1X20
11	59661413	CLAMP	1	
12	96705132	HEX NUT	1	M5X.08
13	96701370	NUT	1	M8-1.25
14	96741038	FLATWASHER	2	
15	96704812	HEX NUT	1	
16	59103598	CLAMP	1	
17	96701495	HHCS CL 8.8,YEL ZN	1	M12-1.75X25
18	96738596	FLATWASHER	1	
19	59117333	CLAMP	3	
20	59126946	IGNITION SWITCH	1	
-	58917261	- KEY	1	
21	58924333	IGNITION SWITCH NUT	1	
22	96704234	NUT	1	M6X1
23	59119933	HSBHCS	8	M6X1.0-12
24	96702659	HHCS CL 8.8,YEL ZN	1	M8-1.25X25
25	96704416	WHIZ LOCKNUT	1	M8X1.25
26	58754458	INSULATED CLAMP	1	
27	96738562	FLAT WASHER CL 200,YEL ZN	1	ID-6.4,OD-12.5X1.6THK
28	95424586	TYRAP	4	

13289723 REV 03



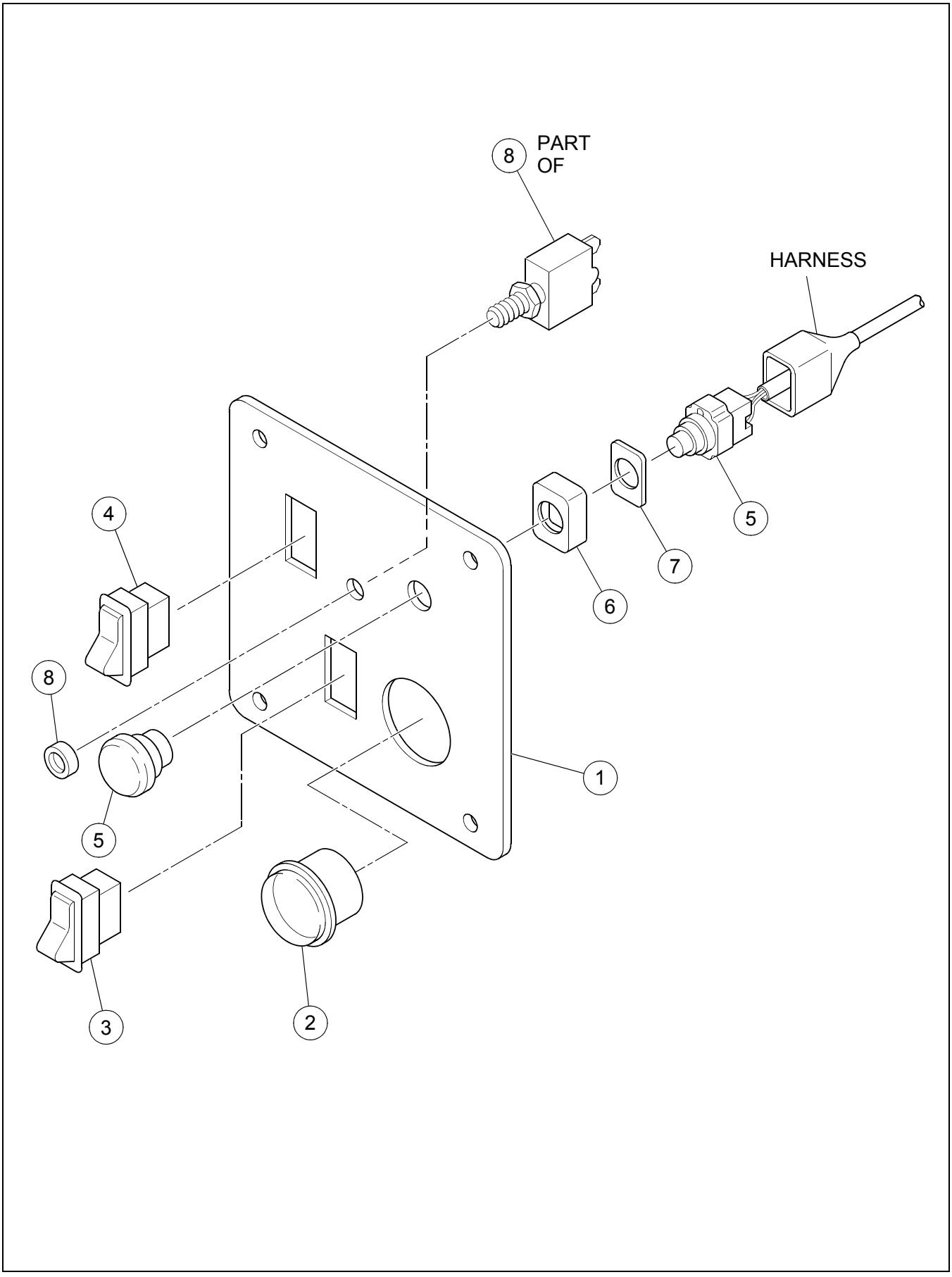
WIRING HARNESS INSTALLATION - SHEET 2 OF 2

****Only Offered Parts Listed****

BOM 13289723

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	13860812	HARNESS, CHASSIS WIRING	1	
2	13470091	HARNESS, CONSOLE WIRING	1	
3	59813329	PLUG	10	
4	**NSVA**	**RH PANEL ASSEMBLY**	**1**	**See Page E - 6.**
5	**NSVA**	**LH PANEL ASSEMBLY**	**1**	**See Page E - 8.**
6	59326827	PLUG	3	
7	96704176	NUT	1	
8	59108605	DUST BOOT	1	
9	96741053	FLATWASHER	1	
10	96704564	HHCS CL 8.8,YEL ZN	1	M6-1X20
11	59661413	CLAMP	1	
12	96705132	HEX NUT	1	M5X.08
13	96701370	NUT	1	M8-1.25
14	96741038	FLATWASHER	2	
15	96704812	HEX NUT	1	
16	59103598	CLAMP	1	
17	96701495	HHCS CL 8.8,YEL ZN	1	M12-1.75X25
18	96738596	FLATWASHER	1	
19	59117333	CLAMP	3	
20	59126946	IGNITION SWITCH	1	
-	58917261	- KEY	1	
21	58924333	IGNITION SWITCH NUT	1	
22	96704234	NUT	1	M6X1
23	59119933	HSBHCS	8	M6X1.0-12
24	96702659	HHCS CL 8.8,YEL ZN	1	M8-1.25X25
25	96704416	WHIZ LOCKNUT	1	M8X1.25
26	58754458	INSULATED CLAMP	1	
27	96738562	FLAT WASHER CL 200,YEL ZN	1	ID-6.4,OD-12.5X1.6THK
28	95424586	TYRAP	4	

13289798 REV 01



RH PANEL ASSEMBLY

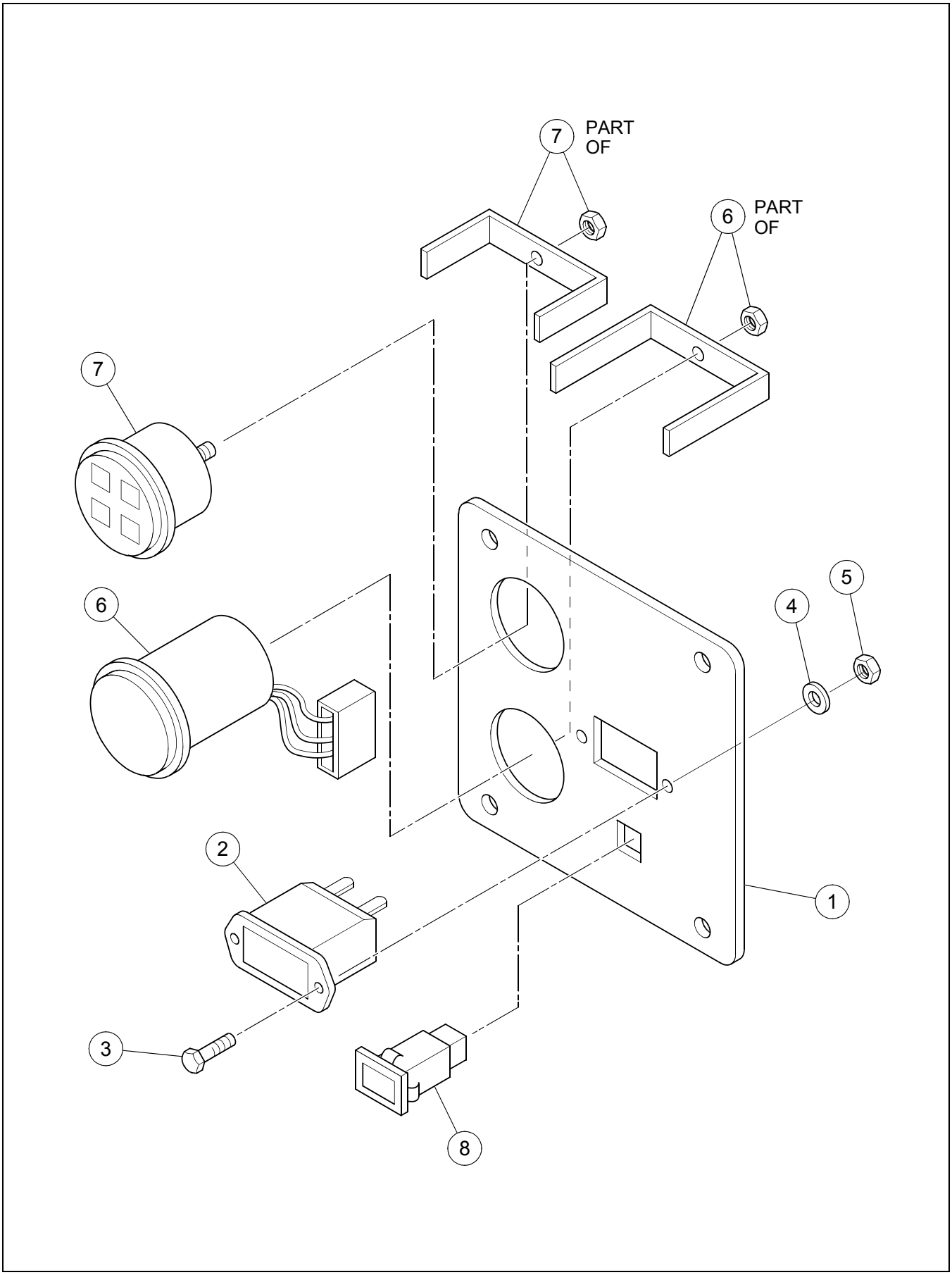
****Only Offered Parts Listed****

BOM 13289798

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	13305396	PANEL, RH	1	
2	58822321	FUEL GAUGE	1	
3	59121723	SWITCH, SPST	1	
4	59121756	SWITCH, BRAKE	1	
5	59111450	SWITCH, EMERGENCY STOP	1	
-	58917543	- BULB	1	
6	59108100	DUST BOOT	1	
7	59109116	FLATWASHER	1	
8	59811018	BREAKER	1	

LH PANEL ASSEMBLY

13301403 REV 01



LH PANEL ASSEMBLY

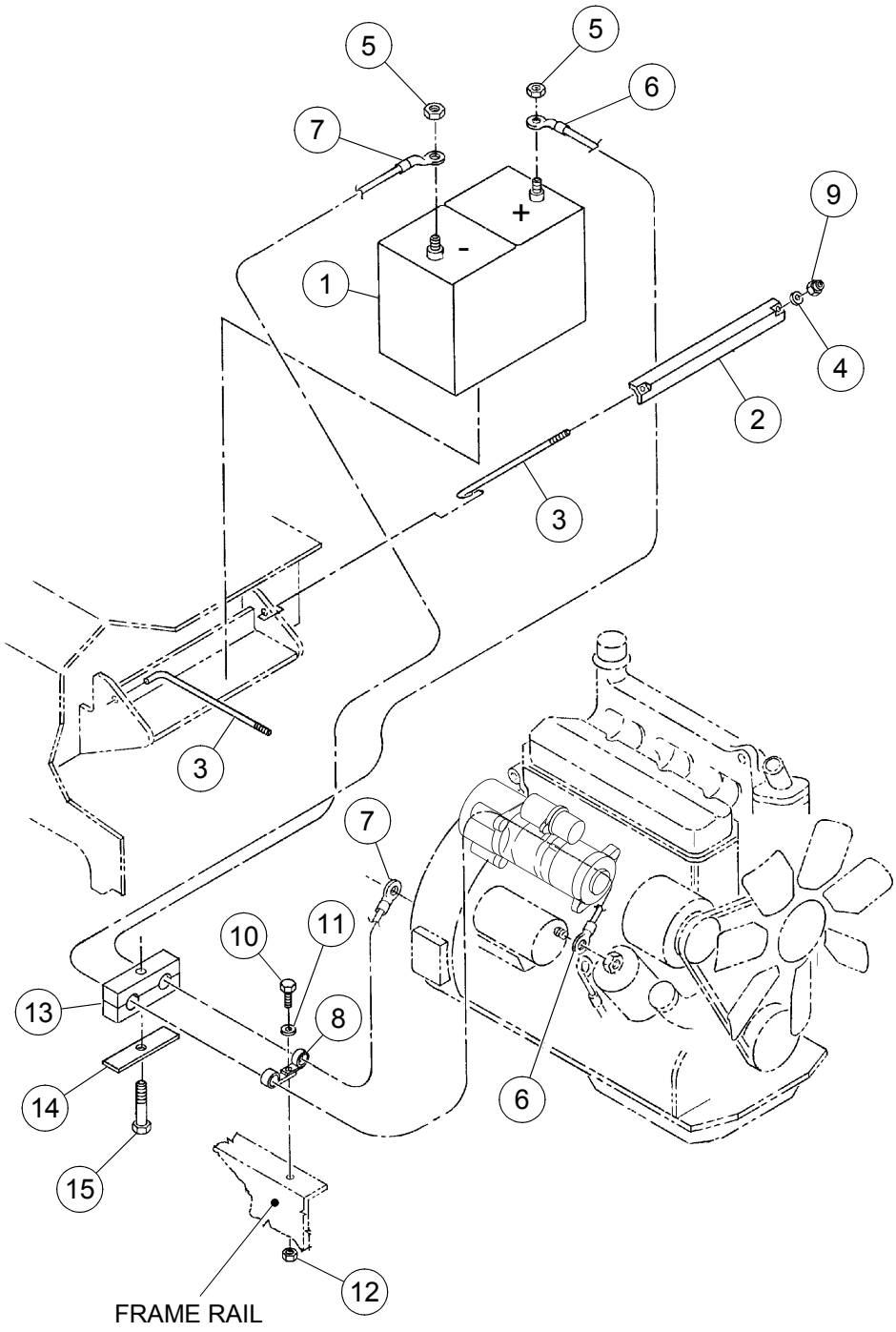
****Only Offered Parts Listed****

BOM 13301403

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	13305370	PANEL, LH	1	
2	59165001	HOURMETER	1	
3	95932117	CAPSCREW	2	
4	95931341	LOCK WASHER ,YEL ZN	2	.141 X .250 X .031
5	95923025	HEX NUT	2	
6	59122648	GAUGE,TACHOMETER	1	
7	59104000	LIGHT CLUSTER	1	
-	13469549	- BULB	4	
8	58791211	LAMP	1	
-	58917535	- BULB	1	
-	58898503	- LENS	1	

BATTERY INSTALLATION

59127654 REV 04



BATTERY INSTALLATION

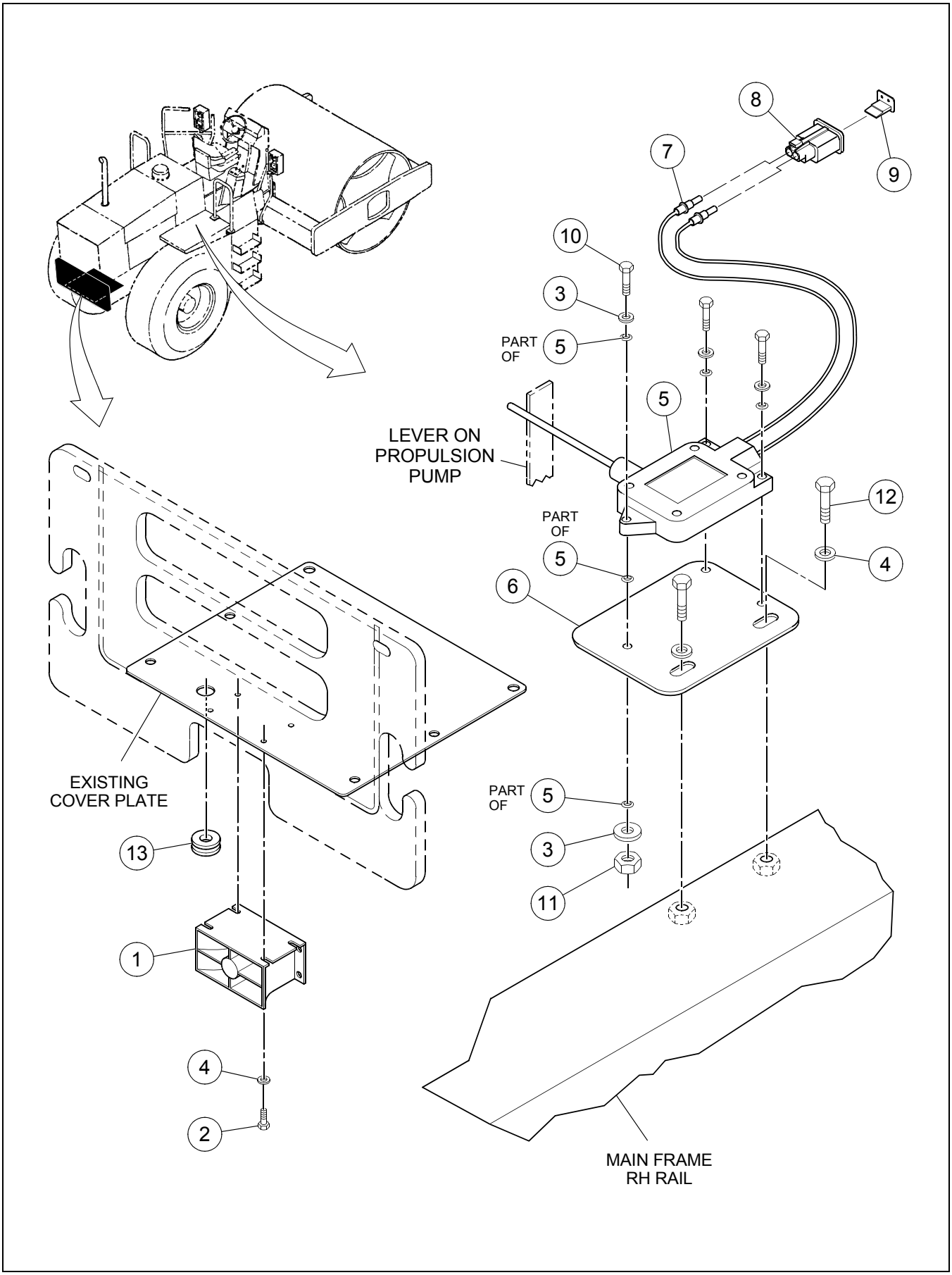
****Only Offered Parts Listed****

BOM 59127654

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	59436931	BATTERY	1	
2	59122978	BATTERY BRACKET	1	
3	59122960	J-BOLT	2	
4	96741038	FLATWASHER	2	
5	59365130	NUT	2	
6	13251012	BATTERY CABLE, POSITIVE	1	
7	59086983	BATTERY CABLE, NEGATIVE	1	
8	59103598	CLAMP	2	
9	96704606	ESNA NUT	2	M8
10	96702659	HHCS CL 8.8,YEL ZN	1	M8-1.25X25
11	96741038	FLATWASHER	2	
12	96704416	WHIZ LOCKNUT	1	M8X1.25
13	59583468	CLAMP INSERT	2	
14	59583450	COVER PLATE	1	
15	95920492	HHCS	1	5/16-18X1.375

BACK-UP ALARM INSTALLATION

13289632 REV 00



BACK-UP ALARM INSTALLATION

****Only Offered Parts Listed****

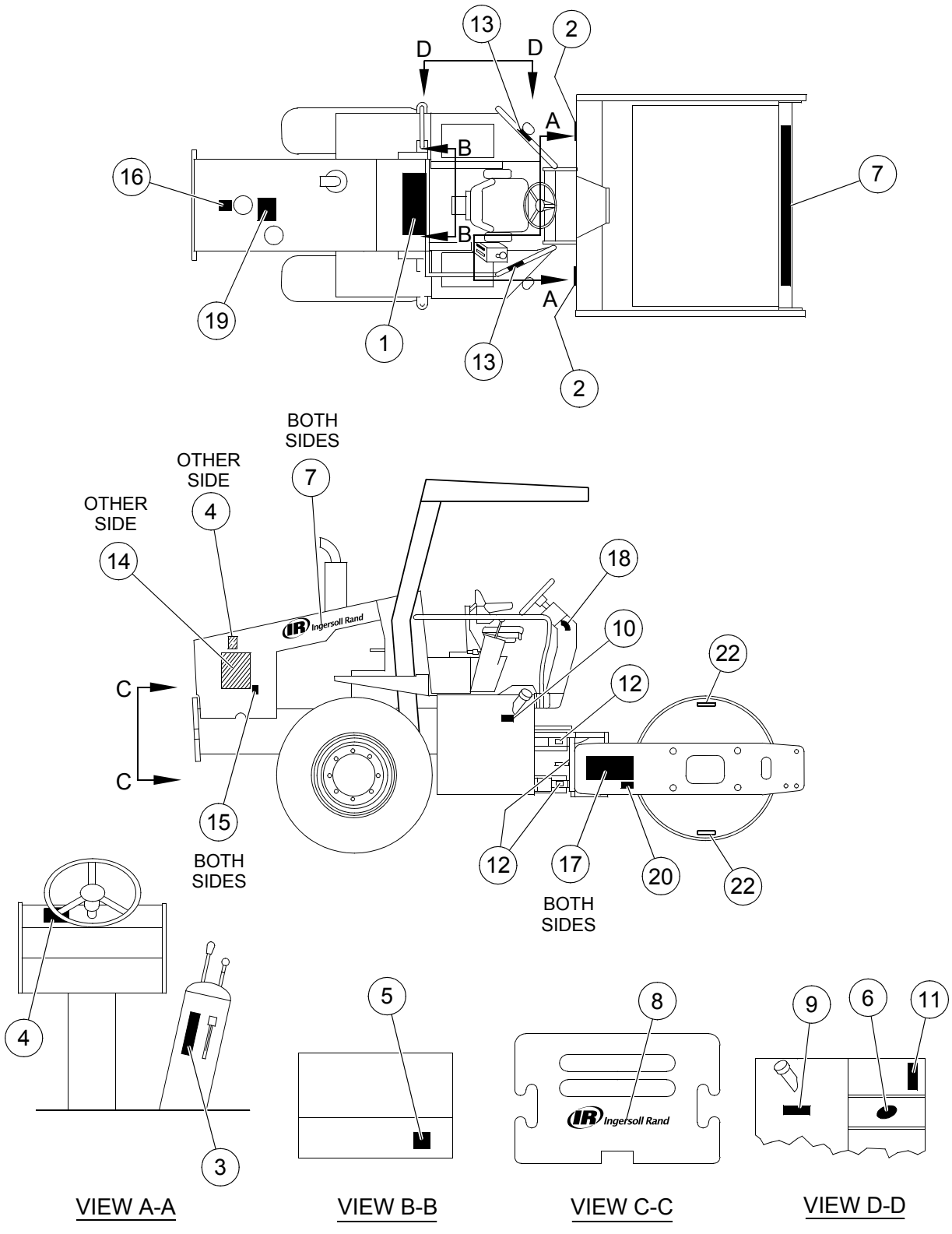
BOM 13289632

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	59426924	ALARM	1	
2	96702816	HHCS CL 8.8,YEL ZN	2	M8-1.25X16
3	96741053	FLATWASHER	6	
4	96741038	FLATWASHER	4	
5	59164970	BACKUP ALARM SWITCH	1	
6	59170381	BRACKET, BACK-UP ALARM	1	
8	59434209	CONNECTOR	1	
9	59434217	CONNECTOR WEDGE	1	
10	96705793	HHCS CL 8.8,YEL ZN	3	M6-1X30
11	96704598	ESNA NUT	3	M6
12	96702659	HHCS CL 8.8,YEL ZN	2	M8-1.25X25
13	58948035	GROMMET	1	

Always use Volvo Replacement parts!*

Section F - DECALS AND PAINT

13301528 REV 0E



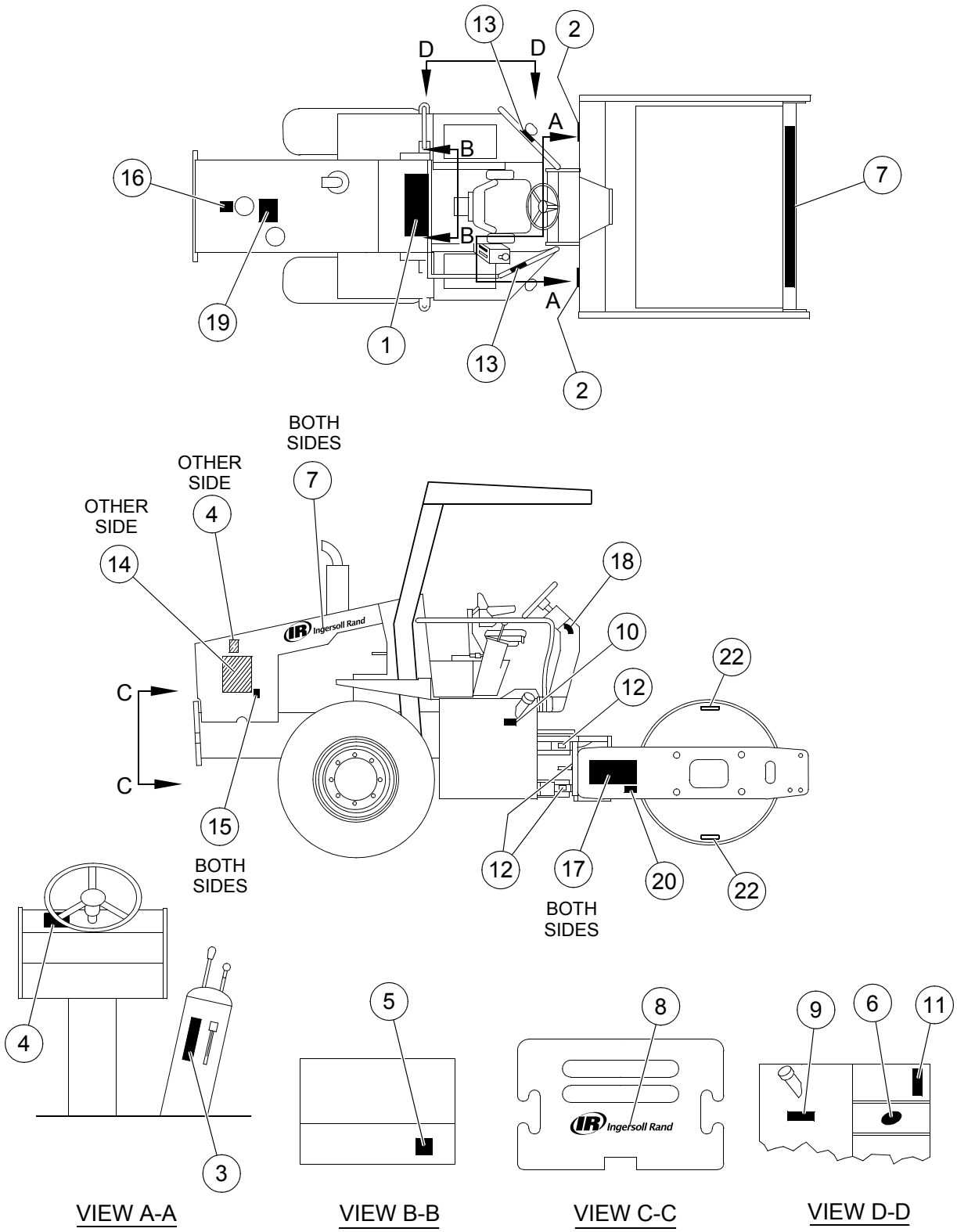
DECAL INSTALLATION

****Only Offered Parts Listed****

BOM 13301528

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	13198254	CHECKLIST	1	
2	58965542	DECAL: CRUSH AREA	2	
3	58999624	DECAL: THROTTLE	1	
4	59132118	DECAL: OPERATIONAL WARNING	2	
5	59153379	DECAL: OPERATORS MANUAL	1	
6	13198353	DECAL: IR GENUINE PARTS	1	
7	13855598	DECAL: SIGNATURE	3	
8	13855580	DECAL: SIGNATURE	1	
9	13199344	DECAL: HYDRAULIC OIL	1	
10	59087569	DECAL: DIESEL FUEL	1	
11	58965690	DECAL: ROLL OVER HARZARD W/O ROPS	1	
12	59605915	DECAL: GREASE	3	
13	59667287	DECAL: WARNING DO NOT SIT ON RAIL	4	
14	NOT-USED	THIS ITEM NOT USED W/THIS BOM	1	
15	59051151	DECAL: WARNING	2	
16	59020040	DECAL: WARNING - PRESSURE HAZARD	1	
17	NOT-USED	THIS ITEM NOT USED W/THIS BOM	1	
18	59006205	DECAL: IGNITION	1	
19	59087999	DECAL: RADIATOR FILL	1	
20	NOT-USED	THIS ITEM NOT USED W/THIS BOM	1	

13301528 REV 0E



Only Offered Parts Listed

BOM 43890656

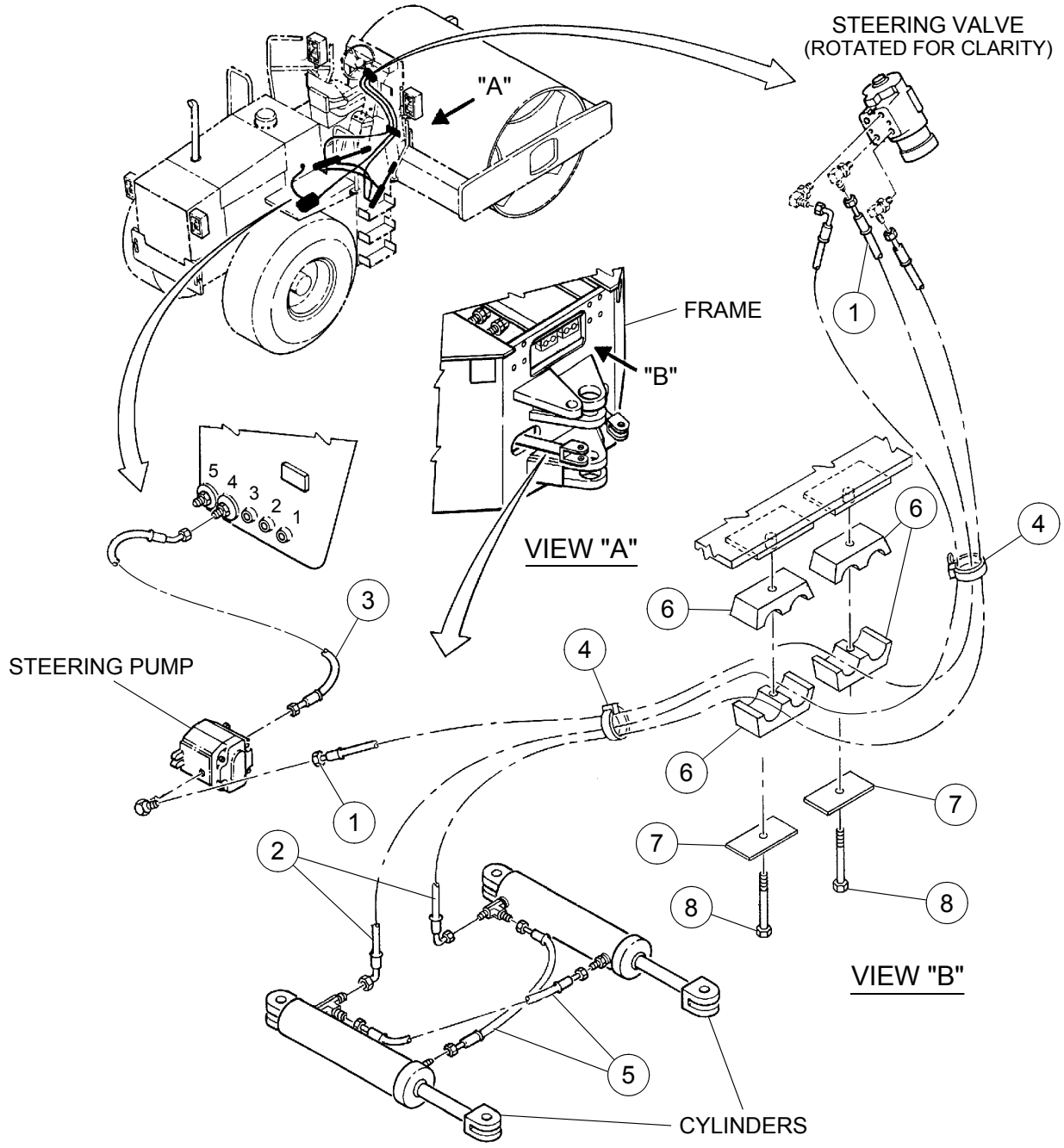
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
14	43844356	DECAL:LUBE CHART	1	
17	59086868	DECAL:SD100D	2	
20	13207311	DECAL C SERIES	2	

Always use Volvo Replacement parts!*

Section G - HYDRAULICS

STEERING HOSING INSTALLATION

59122754 REV 03



STEERING HOSING INSTALLATION

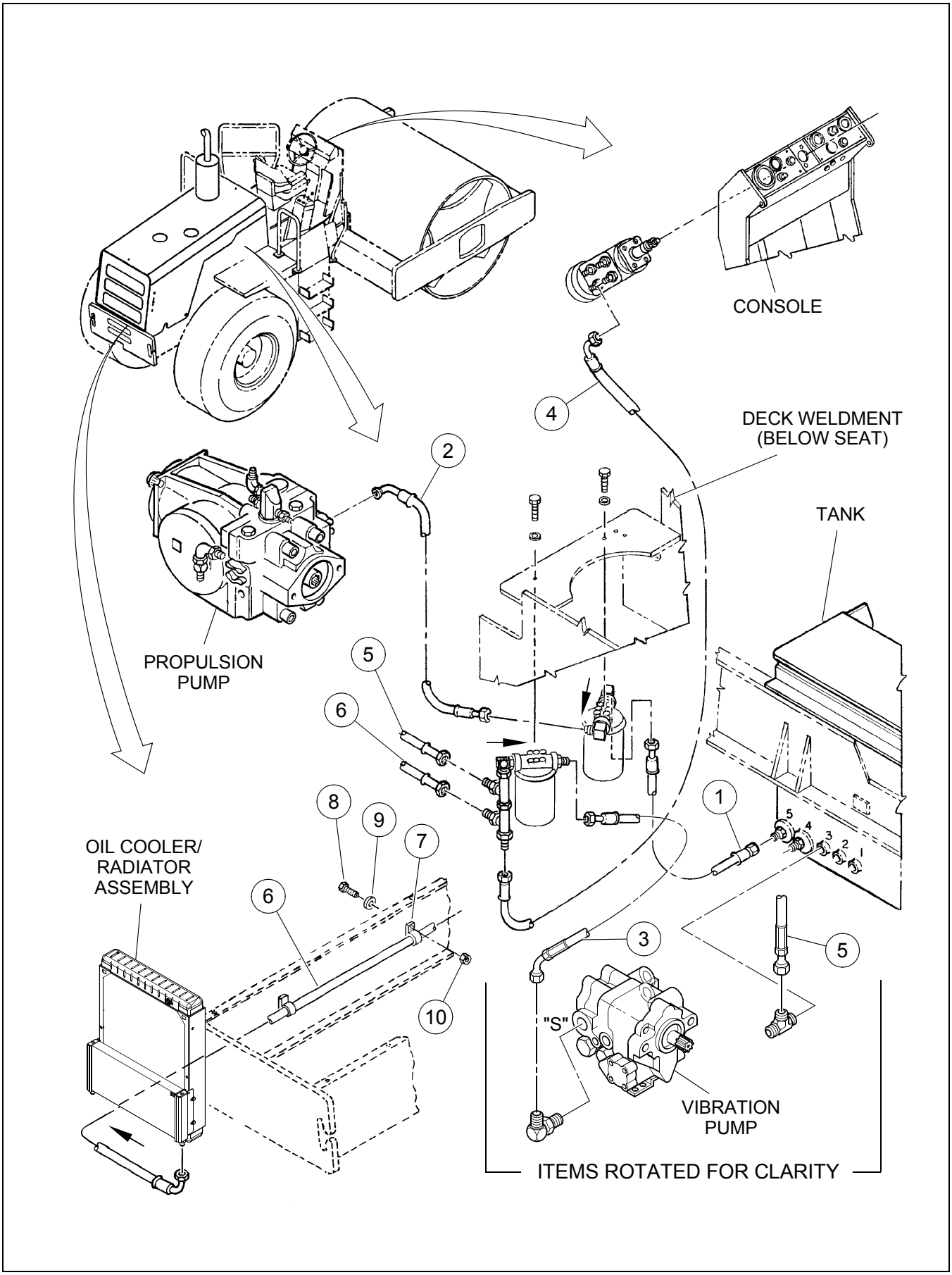
****Only Offered Parts Listed****

BOM 59279406

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
4	95424586	TYRAP	2	
6	59618579	CLAMP INSERT	4	
7	59583500	COVER PLATE	2	
8	96705553	HHCS CL 8.8,YEL ZN	2	M8-1.25X45

FILTER HOSE INSTALLATION

13301460 REV 00



FILTER HOSE INSTALLATION

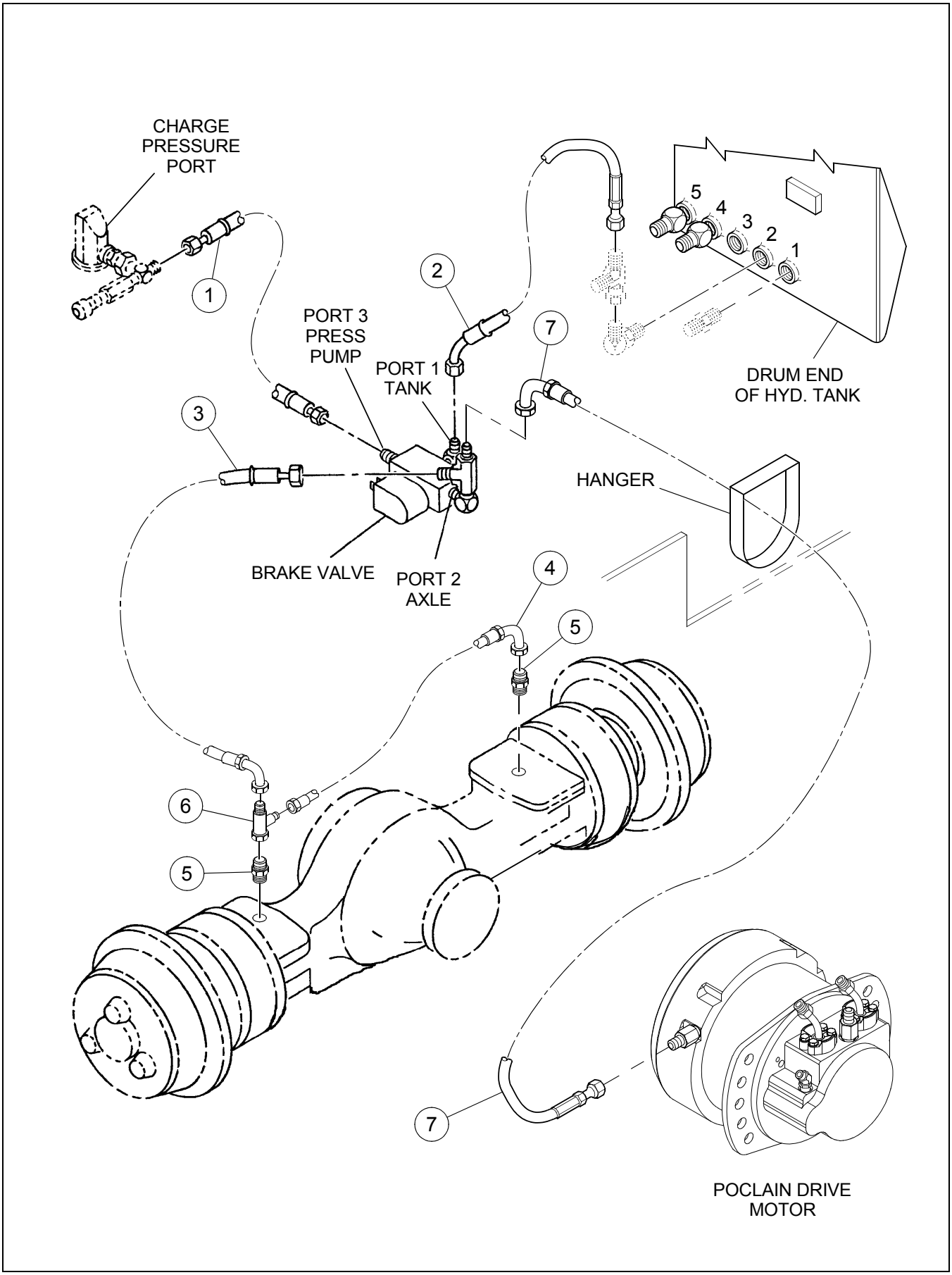
****Only Offered Parts Listed****

BOM 13301460

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
7	59465674	CLAMP	2	
8	96701917	HHCS CL 8.8,YEL ZN	2	M10-1.5X30
9	96741046	FLATWASHER	2	
10	96704812	HEX NUT	2	

BRAKE HOSING INSTALLATION

43889724 REV 00



BRAKE HOSING INSTALLATION

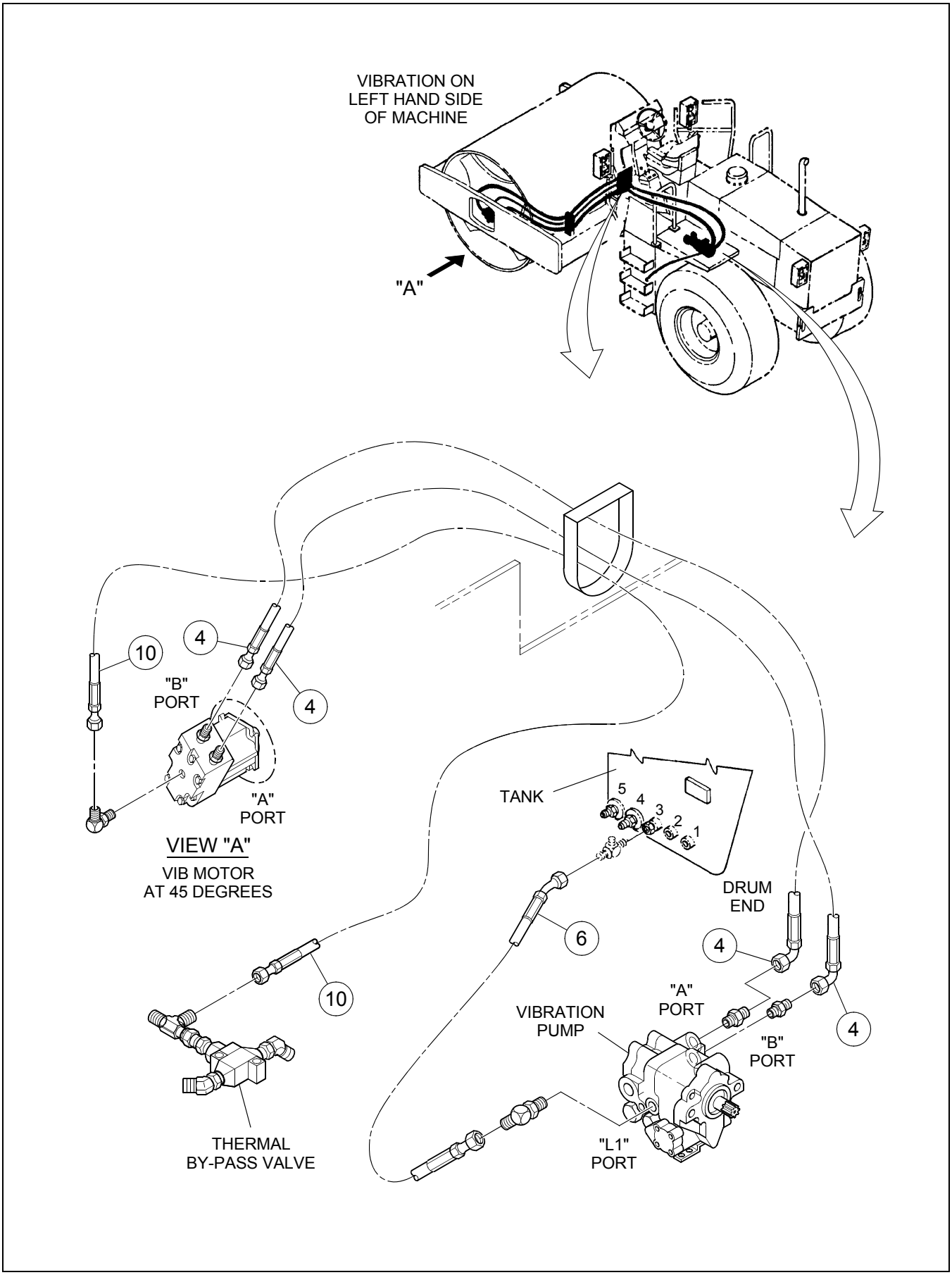
****Only Offered Parts Listed****

BOM 43889724

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
4	58896218	HOSE ASSEMBLY	1	
5	58954694	STRAIGHT ADAPTER	2	
6	95415667	TEE	1	

VIBRATION HOSING INSTALLATION

59279380 REV 05



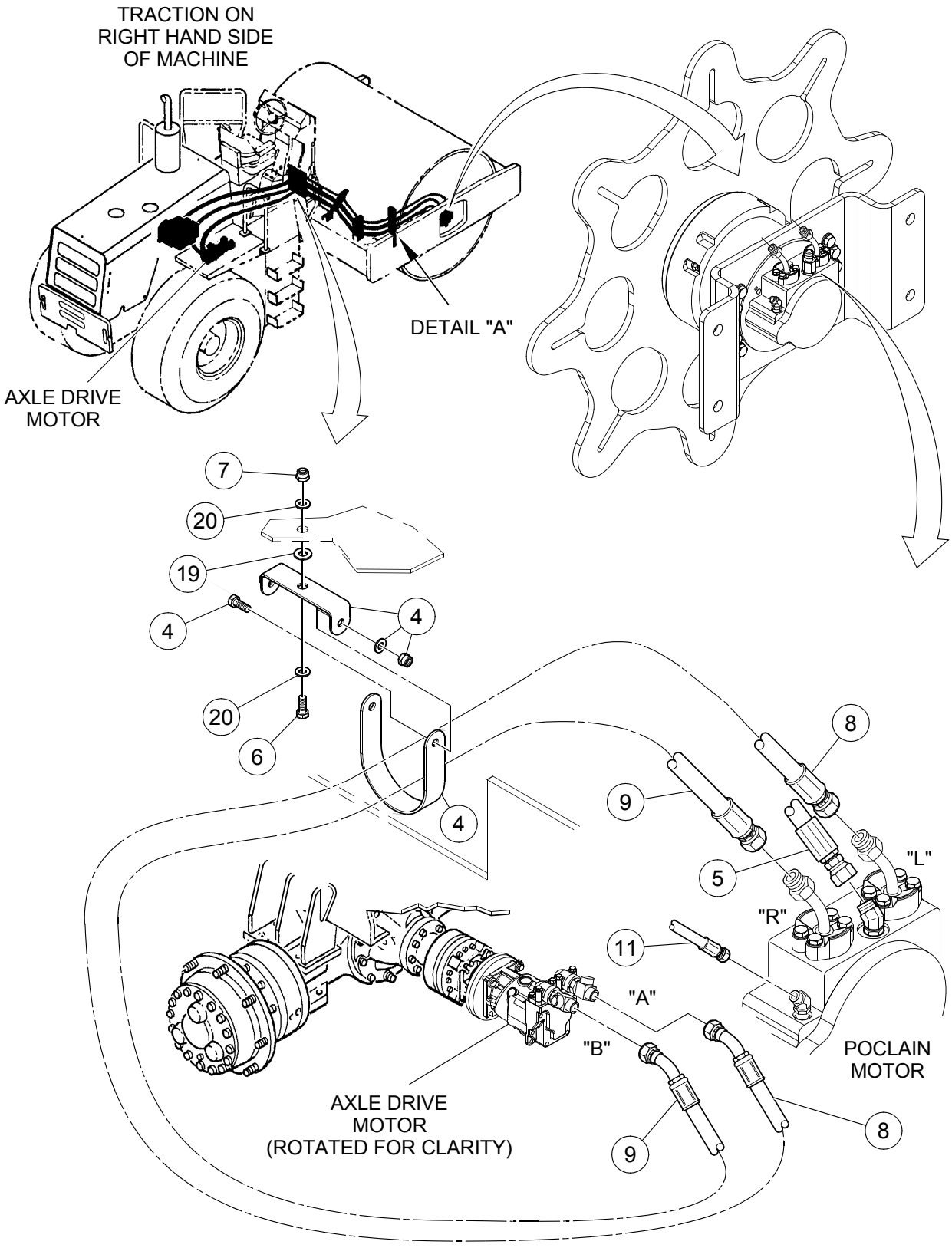
VIBRATION HOSING INSTALLATION

****Only Offered Parts Listed****

BOM 59279380

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
4	43861145	HOSE ASSEMBLY	2	144.5"
10	43861152	HOSE ASSEMBLY	1	135"

43889732 REV 0A



TRACTION HOSING INSTALLATION - SHEET 1 OF 2

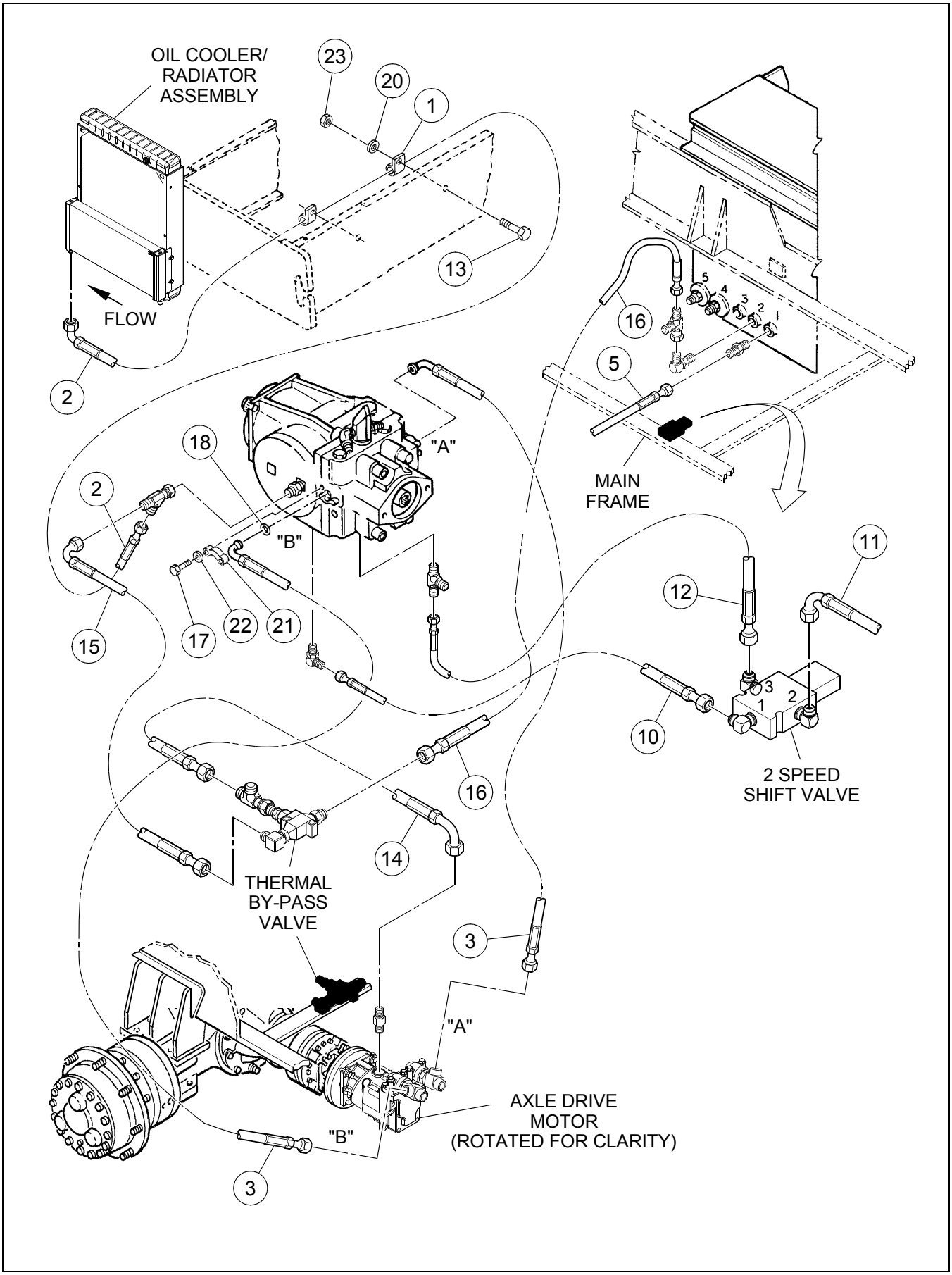
****Only Offered Parts Listed****

BOM 43889732

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	59465674	CLAMP	2	
4	**NSVA**	**HANGER ASSEMBLY**	**1**	**See Page G - 14.**
5	43903228	HOSE ASSEMBLY 142.00	1	
6	96704309	HHCS CL 8.8,YEL ZN	1	M10-1.5X35
7	96702881	LOCK NUT	1	M10X1.5
8	43890466	HOSE ASSEMBLY	1	151"
9	43861129	HOSE ASSEMBLY	1	144"
11	43890482	HOSE ASSEMBLY	1	154"
13	96701917	HHCS CL 8.8,YEL ZN	2	M10-1.5X30
17	59995126	HARDENED WASHER	8	
18	59993881	O-RING	2	
19	96711833	WASHER	1	M10
20	96741046	FLATWASHER	4	
21	58901653	SPLIT FLANGE CLAMP	4	
22	95919460	HHCS	8	7/16-14X1.75
23	96704812	HEX NUT	2	

TRACTION HOSING INSTALLATION - SHEET 2 OF 2

43889732 REV 0A



TRACTION HOSING INSTALLATION - SHEET 2 OF 2

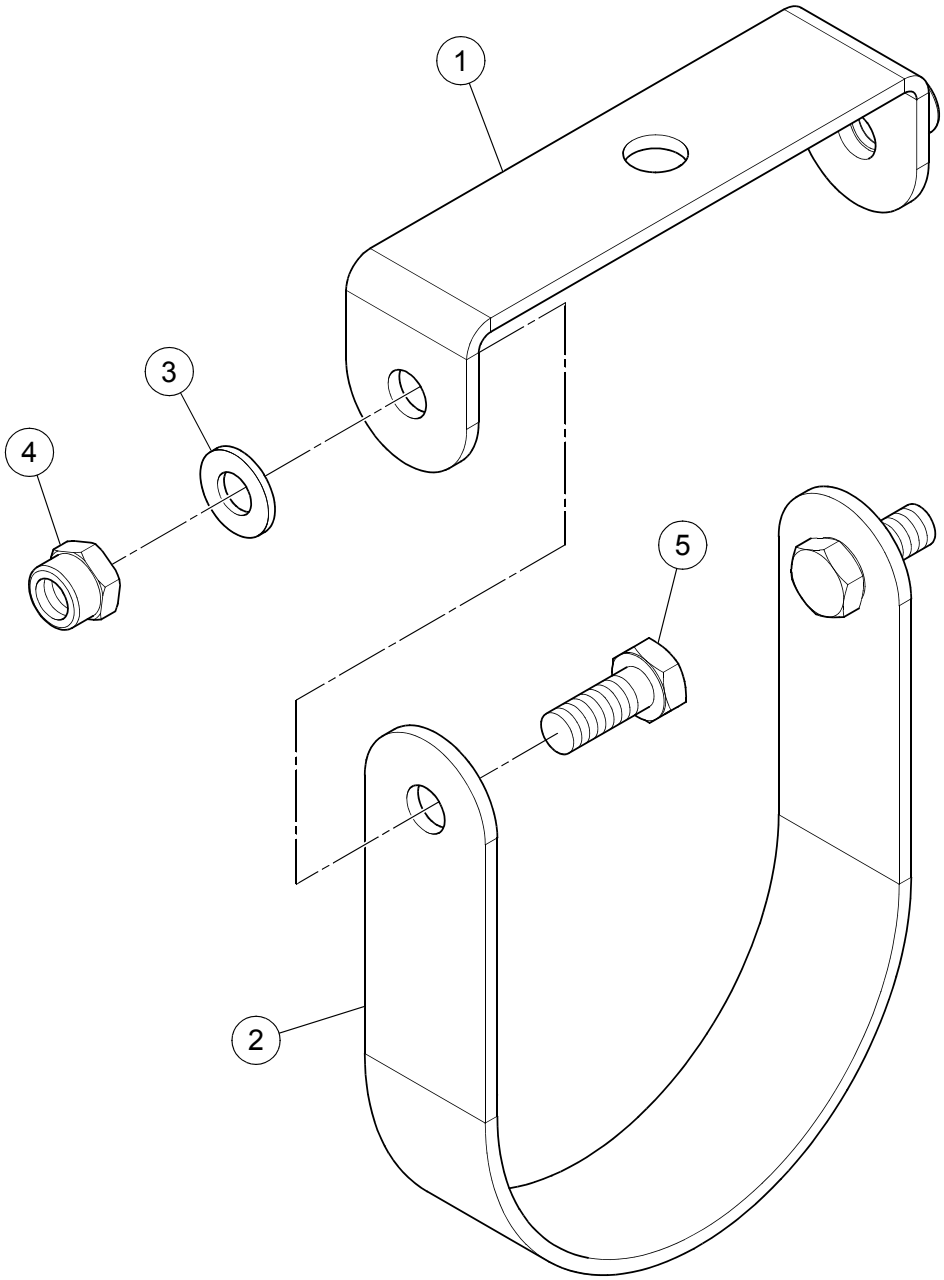
****Only Offered Parts Listed****

BOM 43889732

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	59465674	CLAMP	2	
4	**NSVA**	**HANGER ASSEMBLY**	**1**	**See Page G - 14.**
5	43903228	HOSE ASSEMBLY 142.00	1	
6	96704309	HHCS CL 8.8,YEL ZN	1	M10-1.5X35
7	96702881	LOCK NUT	1	M10X1.5
8	43890466	HOSE ASSEMBLY	1	151"
9	43861129	HOSE ASSEMBLY	1	144"
11	43890482	HOSE ASSEMBLY	1	154"
13	96701917	HHCS CL 8.8,YEL ZN	2	M10-1.5X30
17	59995126	HARDENED WASHER	8	
18	59993881	O-RING	2	
19	96711833	WASHER	1	M10
20	96741046	FLATWASHER	4	
21	58901653	SPLIT FLANGE CLAMP	4	
22	95919460	HHCS	8	7/16-14X1.75
23	96704812	HEX NUT	2	

HANGER ASSEMBLY

13278569 REV 00



HANGER ASSEMBLY

****Only Offered Parts Listed****

BOM 13275862

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	13275854	STRAP HANGER	1	
2	13275870	STRAP	1	
3	96741038	FLATWASHER	2	
4	96728431	LOCK NUT	2	M8X1.25
5	96743984	HSHBHCS	2	M8-1.25X20

Always use Volvo Replacement parts!*

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COMPACTOR WARRANTY

Ingersoll-Rand Company (“IR”) warrants to its and its affiliates’ authorized dealers, who in turn warrant to the initial user only, that each new Ingersoll-Rand compactor sold by the dealer will be free from proven defects in material and workmanship for a period of twelve (12) months from the in service date to the initial user or 1500 hours of service by the initial user, whichever occurs first.

During the warranty period, an authorized dealer shall repair or replace, at IR’s option, any part that is found upon inspection to be defective in material or workmanship. Such part will be repaired or replaced without charge for parts and labor to the initial user by the authorized dealer. The initial user shall provide an authorized dealer with prompt notification of the defect and allow reasonable time for repair or replacement. IR may require failed parts to be returned to the factory. Transportation of the product to an authorized dealer is the responsibility of the user. The remedies provided in this warranty are exclusive.

This warranty does not apply to failures occurring as a result of abuse, misuse, negligent repairs, corrosion, erosion and normal wear and tear, alterations or modifications made to the product without the express written consent of IR, or failure to follow the recommended operating practices and maintenance procedures as provided in the product’s operating and maintenance publications. This warranty does not cover replacement of scheduled service items such as oil, filters, and wear items. This warranty does not apply to engines (including engine electrical components) and tires or other accessories and equipment furnished by IR, but manufactured by others. The initial user shall rely solely on the warranty, if any, of the respective manufacturers thereof.

THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES AND CONDITIONS (EXCEPT FOR THE WARRANTY OF TITLE), EXPRESS OR IMPLIED. IR DISCLAIMS ALL OTHER WARRANTIES AND CONDITIONS, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OR CONDITIONS OF MERCHANTIBILITY OR FITNESS FOR A PARTICULAR PURPOSE.

IN NO EVENT SHALL IR OR ANY OF ITS AFFILIATES, SUBSIDIARIES OR AUTHORIZED DEALERS BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES WHATSOEVER, INCLUDING, BUT NOT LIMITED TO, LOSS OR INTERRUPTION OF BUSINESS, LOST PROFITS, OR LOSS OF MACHINE USE, WHETHER BASED ON CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY, STATUTE OR OTHERWISE, EVEN IF IR OR ANY OF ITS AFFILIATES, SUBSIDIARIES OR AUTHORIZED DEALERS HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. THE TOTAL LIABILITY OF IR, ITS AFFILIATES, SUBSIDIARIES AND AUTHORIZED DEALERS WITH RESPECT TO THE PRODUCT FURNISHED HEREUNDER SHALL NOT EXCEED THE PURCHASE PRICE OF THE PRODUCT UPON WHICH SUCH LIABILITY IS BASED, EXCEPT FOR CLAIMS FOR PERSONAL INJURY.

The undersigned acknowledges that he/she has received a copy of this warranty on the date set forth below.

Initial user:_____(Name of company)
By: _____
Title: _____
Date: _____ 062105

CPN: 13858238

Volvo Construction Equipment
312 Volvo Way
Shippensburg, Pa 17257

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