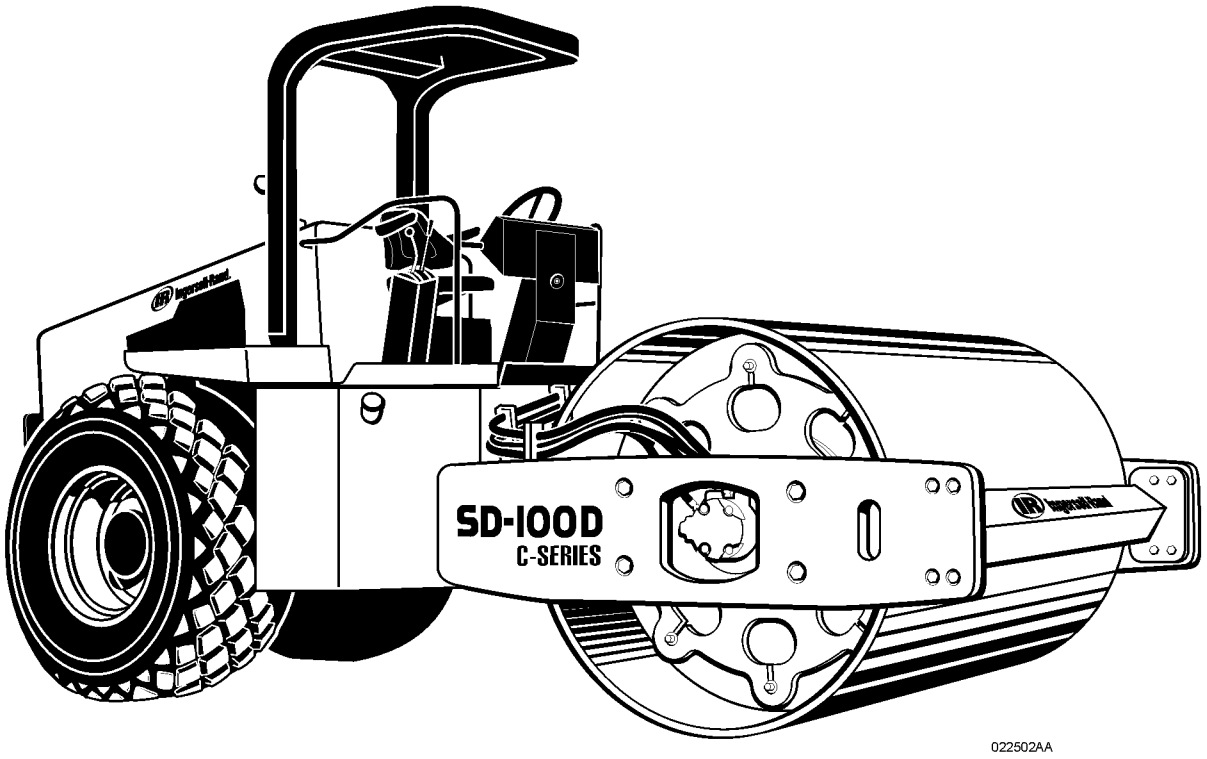
RUTHZIL TRATOR COMERCIAL DE PEÇAS LTDA 11 97083-6812 ROLANDO

INGERSOLL

PARTS BOOK
SD-100D C
VIBRATORY COMPACTOR

S/N 187201



CPN: 13525761

January 19, 2006

HOW TO USE THIS MANUAL

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

When the Comm. # is not Known - Use the Word Index:

- Ingersoll-Rand'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 Ingersoll-Rand 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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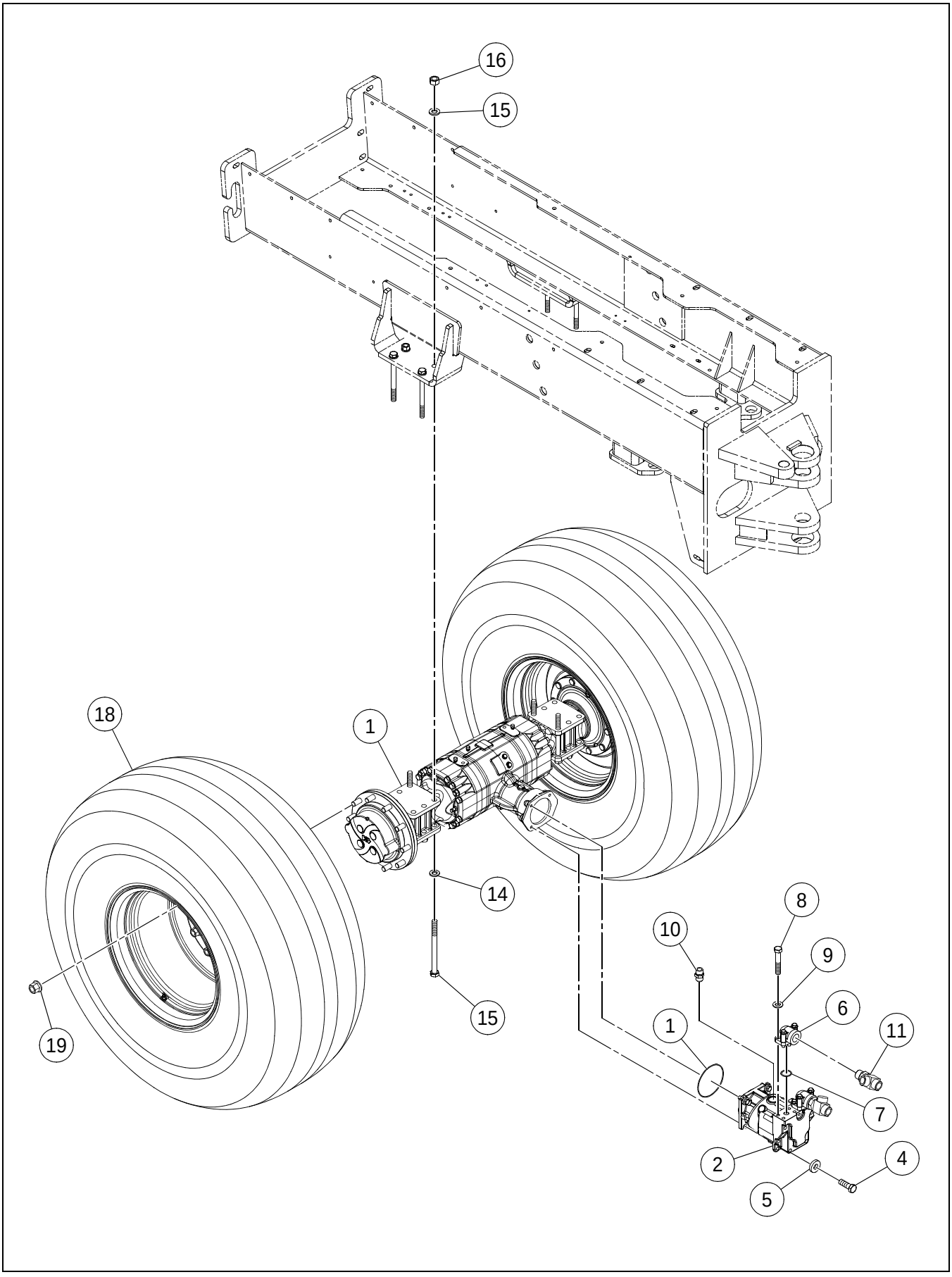
STANDARD ABBREVIATIONS

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

Section A - AXLE AND MAIN FRAME

AXLE AND WHEEL INSTALLATION

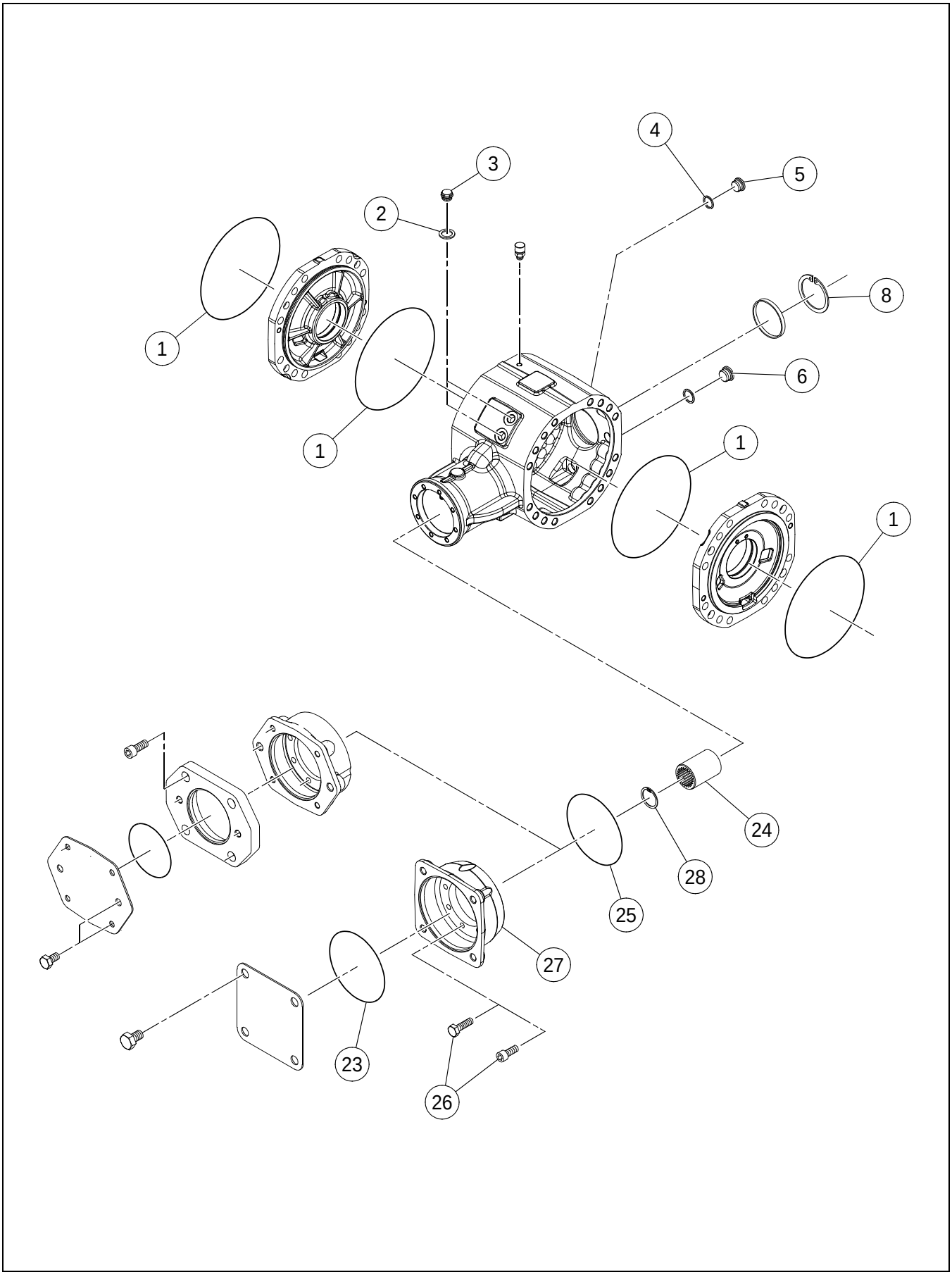
13294392 REV 03



BOM 13289624

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	**NSVA**	**AXLE**	**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	59565051	FLATWASHER	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

13244728 REV 01

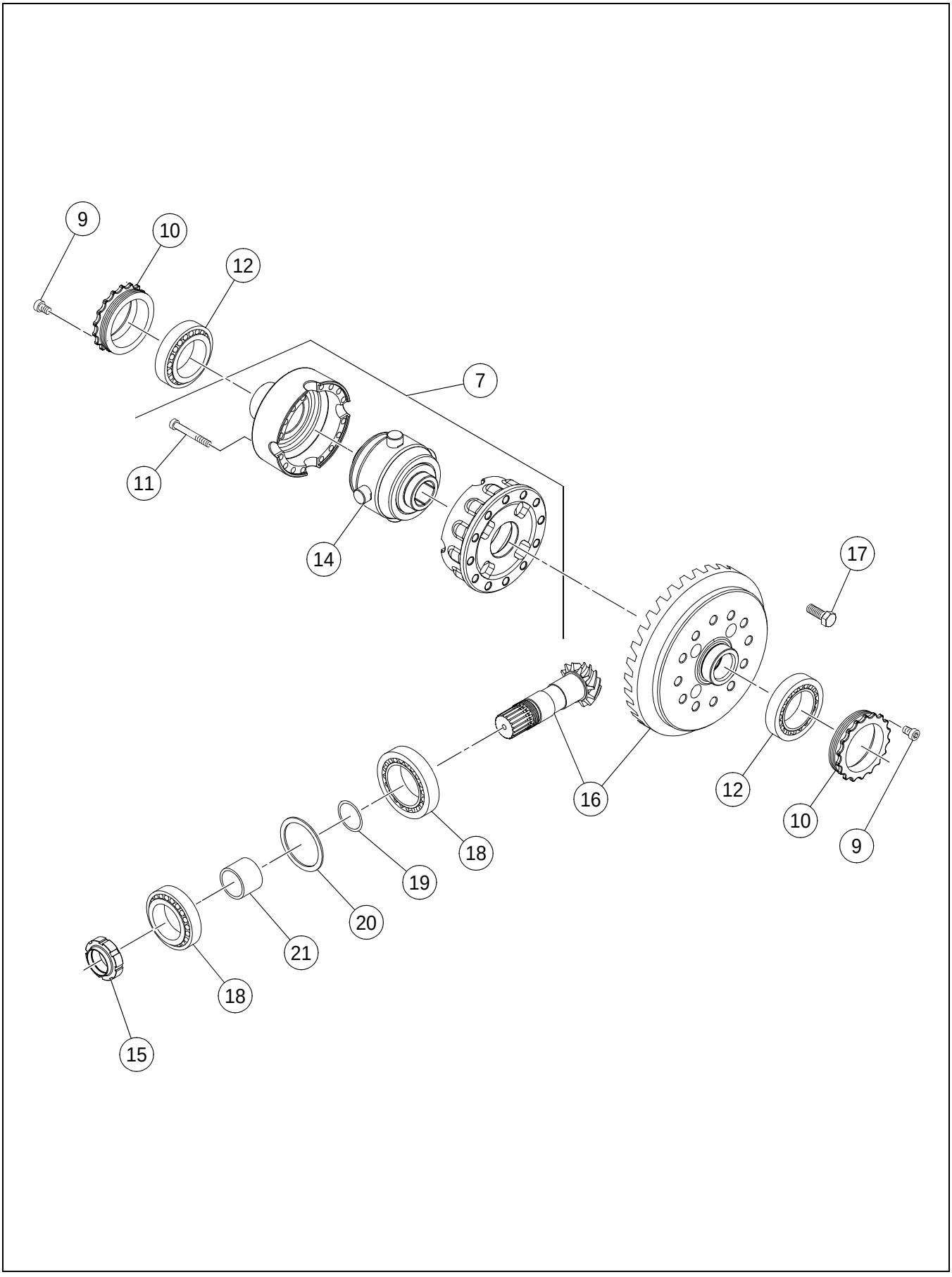


AXLE - SHEET 1 OF 3

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	CIRCLIP	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	

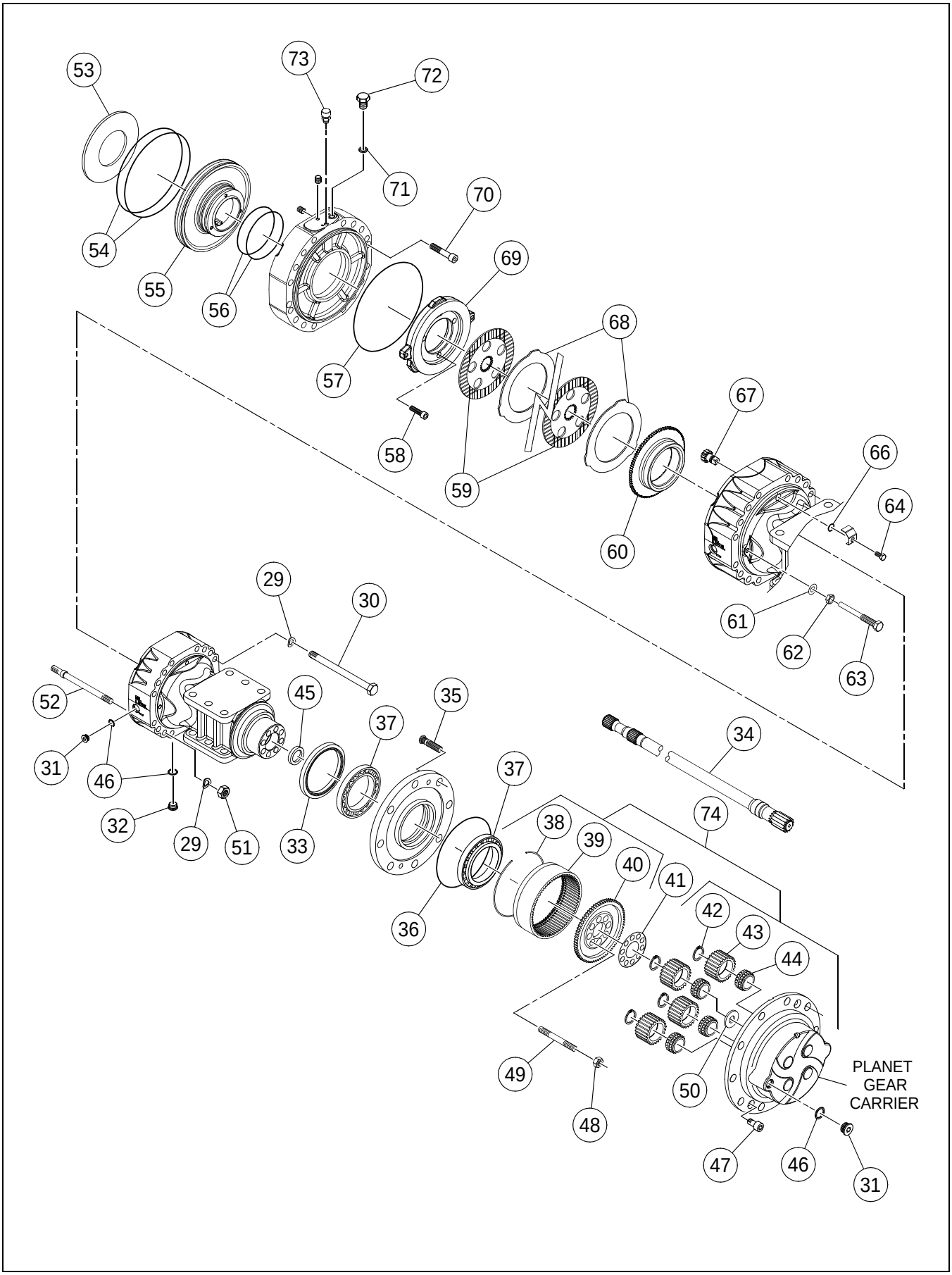
13244728 REV 01



BOM 13157565

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
34	13263413	HALF SHAFT	2	
35	54633185	WHEEL STUD	20	
36	58974155	O-RING	2	
37	59146613	BEARING	4	
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	

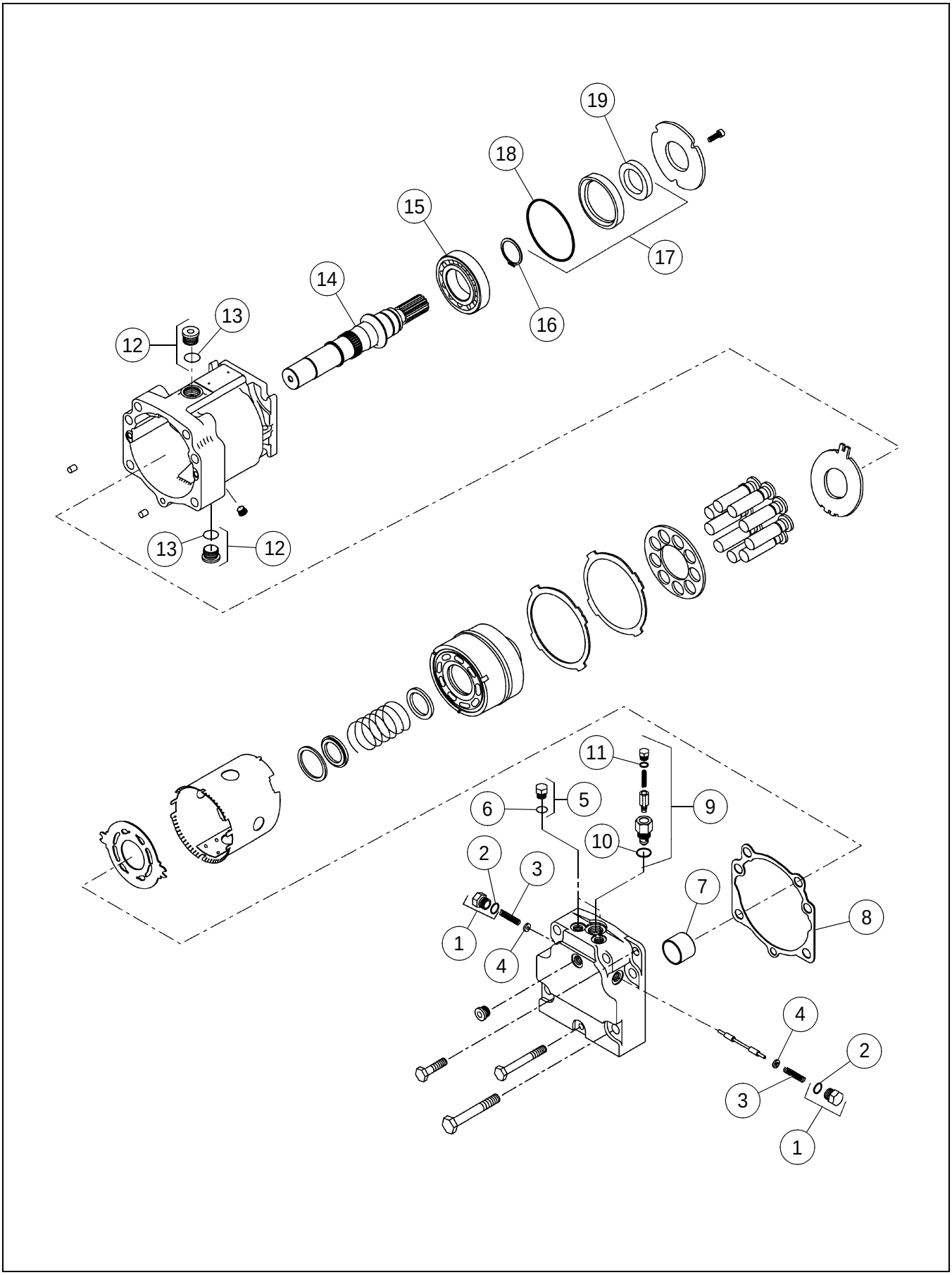
13244728 REV 01



BOM 13157565

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
73	59146233	VENT	2	
74	13247416	PLANET GEAR CARRIER KIT	2	

13244785 REV 02



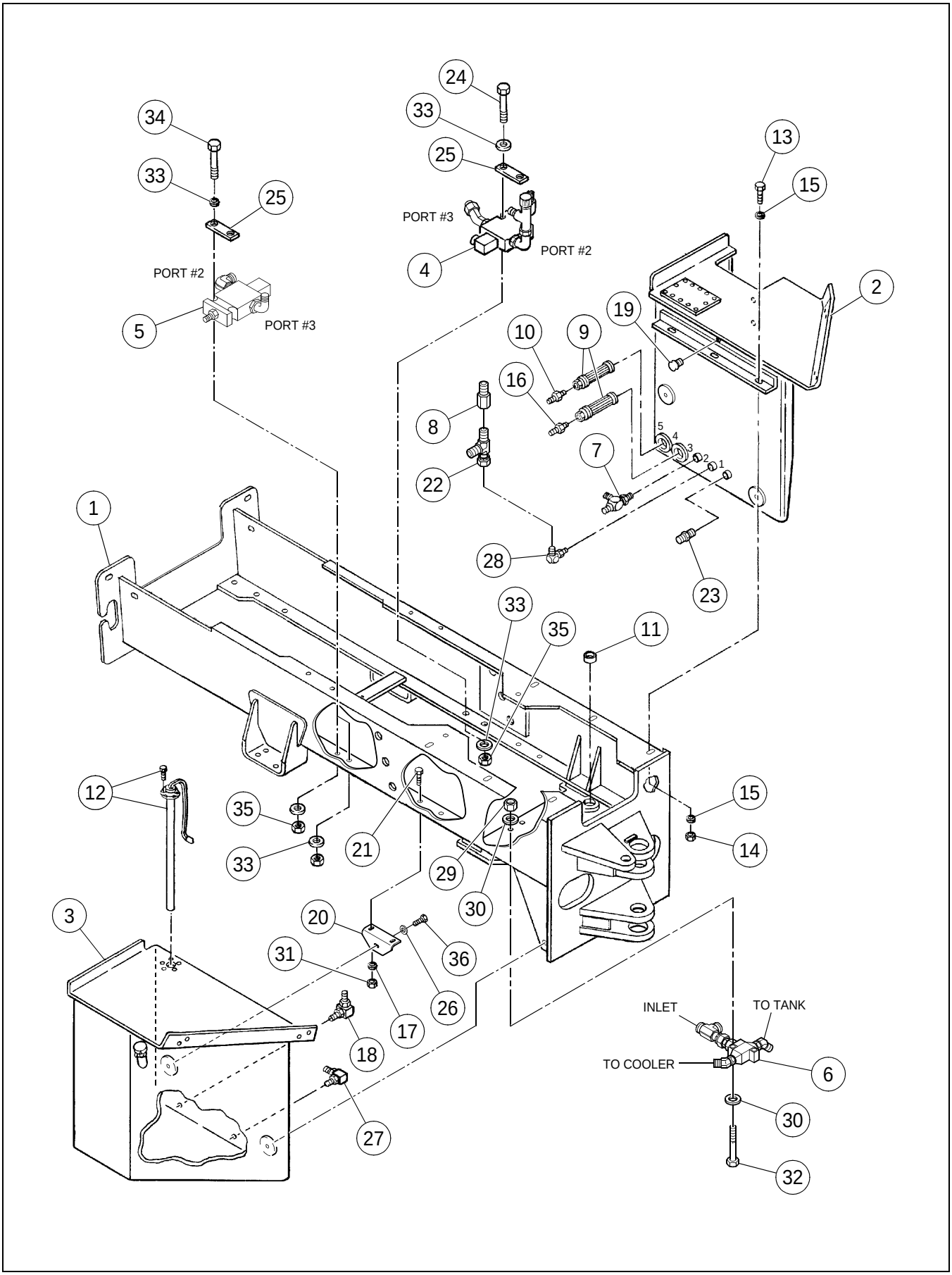
AXLE DRIVE MOTOR

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	
16	59369470	RING	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

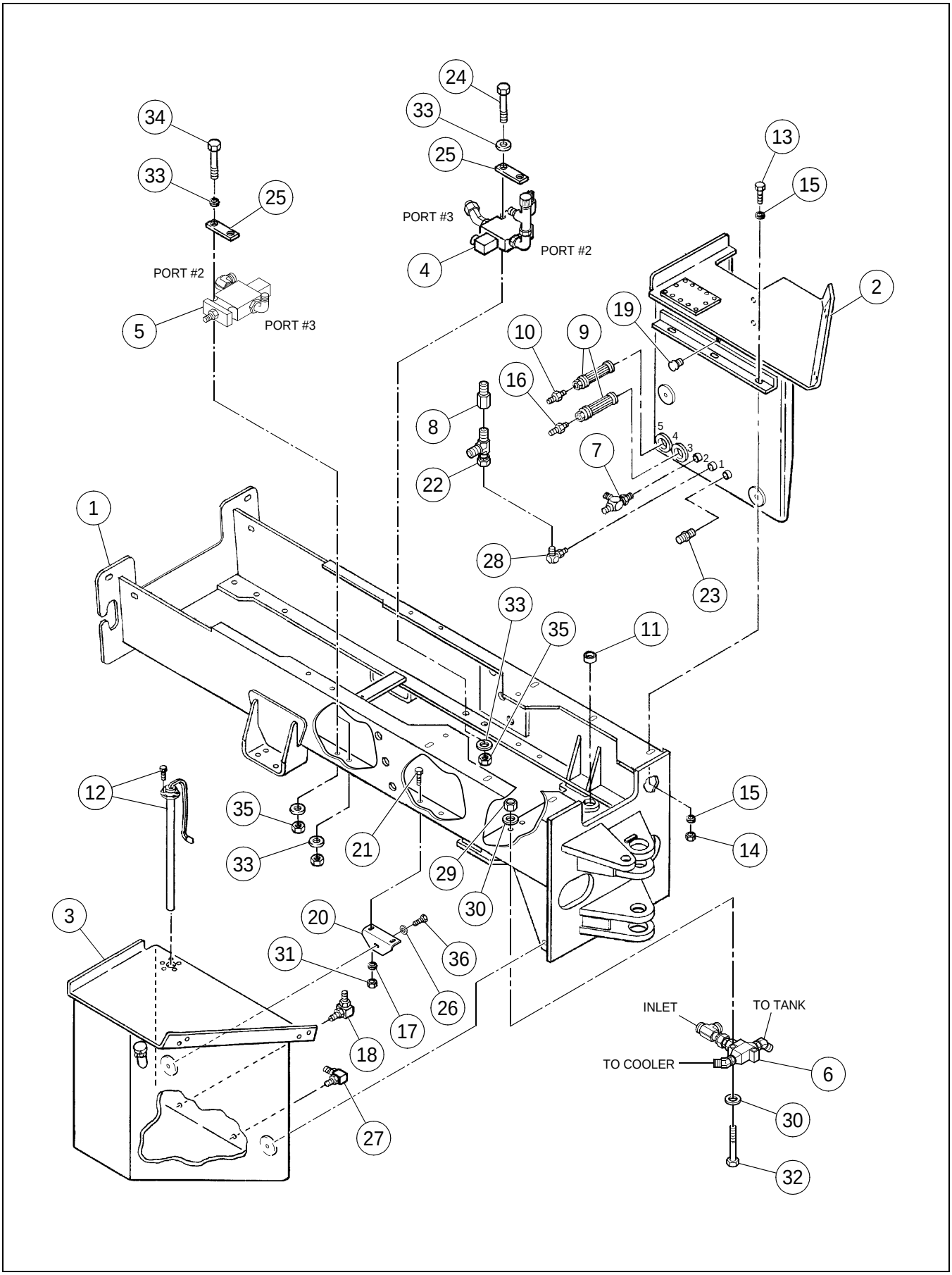


MAIN FRAME INSTALLATION - SHEET 1 OF 2

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	- FLATHEAD CAPSCREW M8 X 16MM	12	
-	95748562	- PLUG HEX HEAD	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	

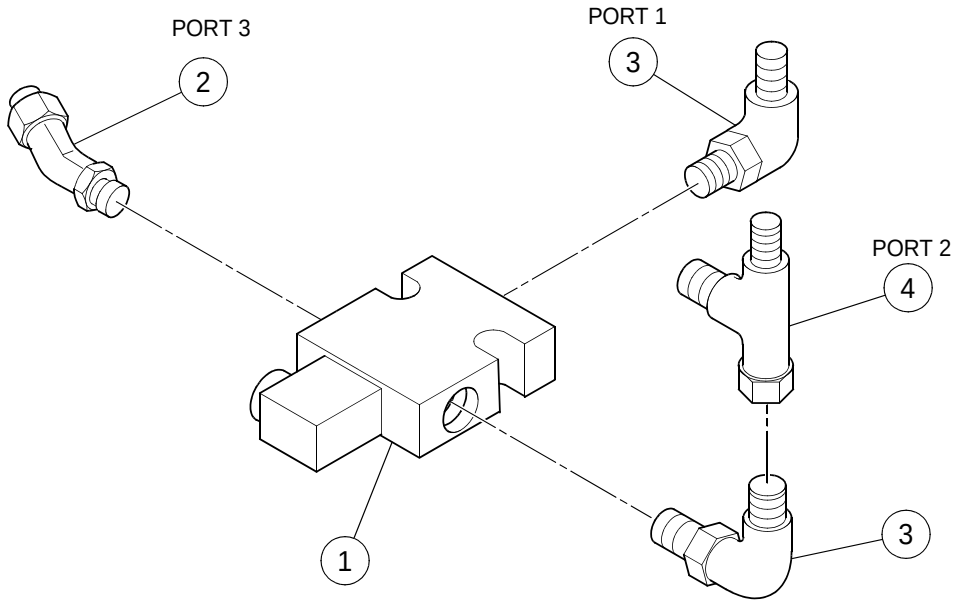
13289608 REV 02



BOM 13289608

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
27	95365094	ADAPTER	1	
28	95280186	ADAPTER	1	
29	96704614	NUT	2	M10X1.5
30	96741046	FLATWASHER	4	M10
31	96702857	NUT	4	
32	96705033	HHCS CL 8.8,YEL ZN	2	M10-1.5X110
33	96741053	FLATWASHER	8	M6
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



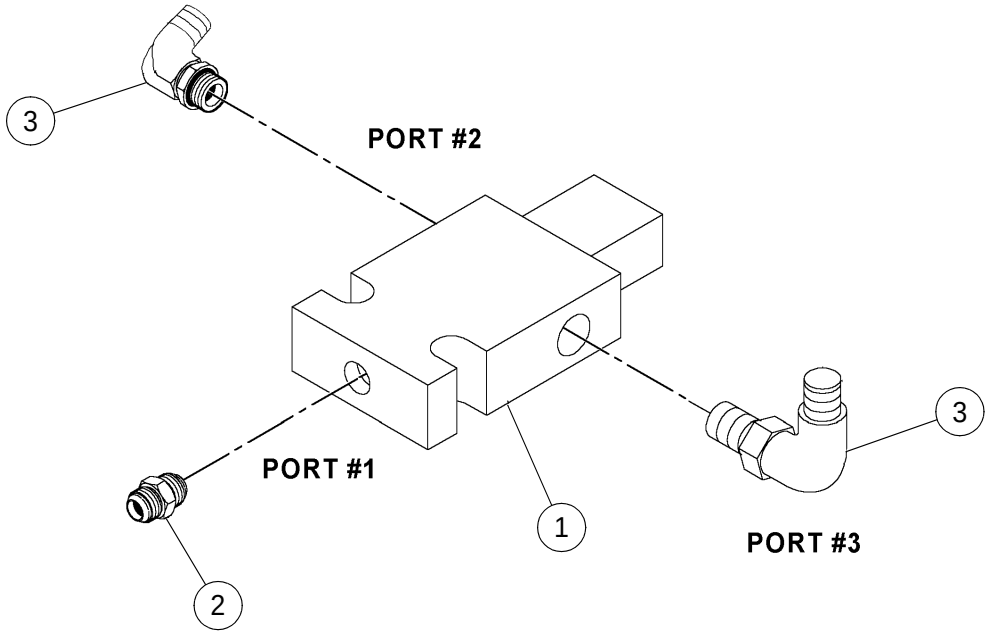
BRAKE VALVE SUB ASSEMBLY

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



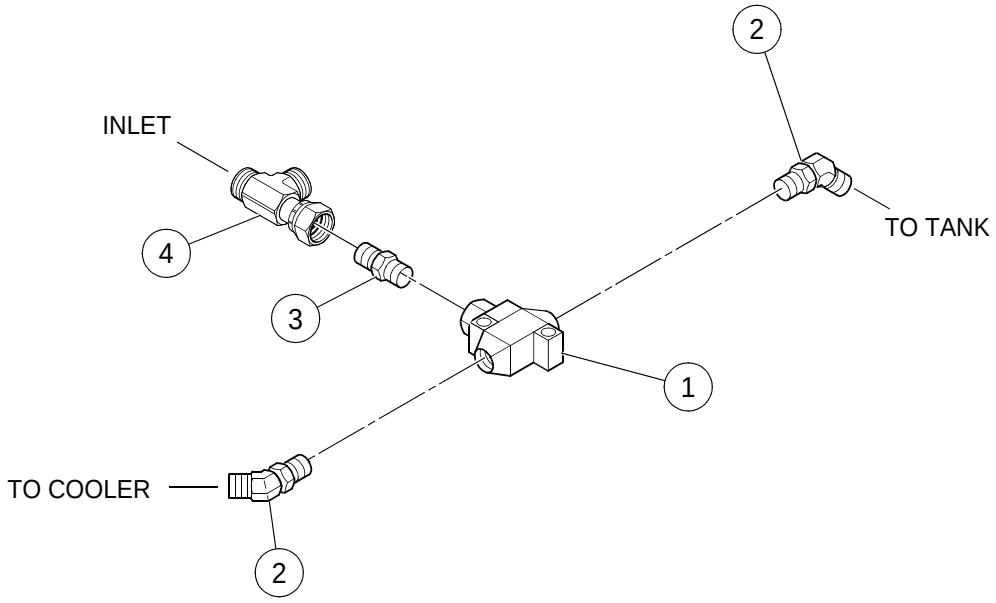
SOLENOID VALVE SUB-ASSEMBLY

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

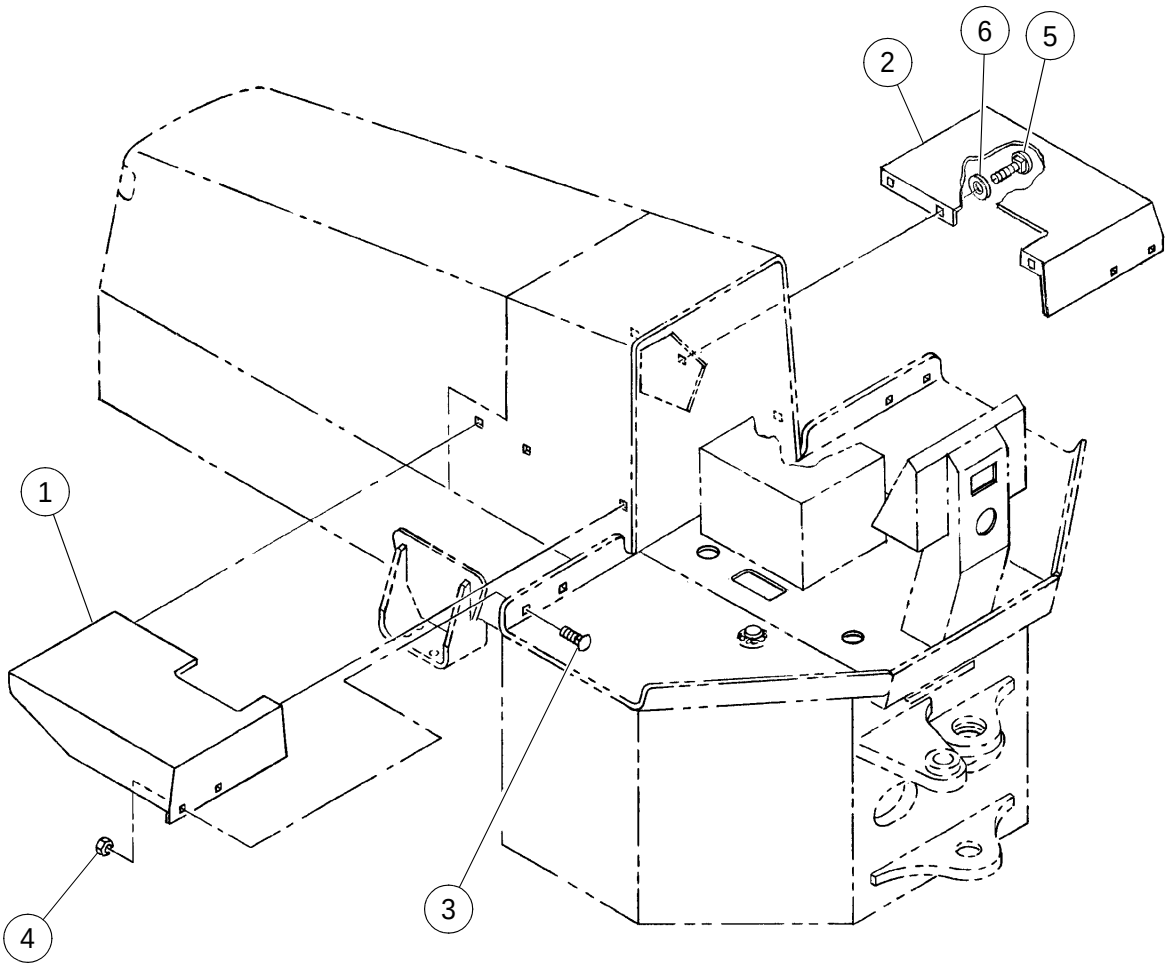


THERMO BYPASS VALVE SUB-ASSEMBLY

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	

59114454 REV 02

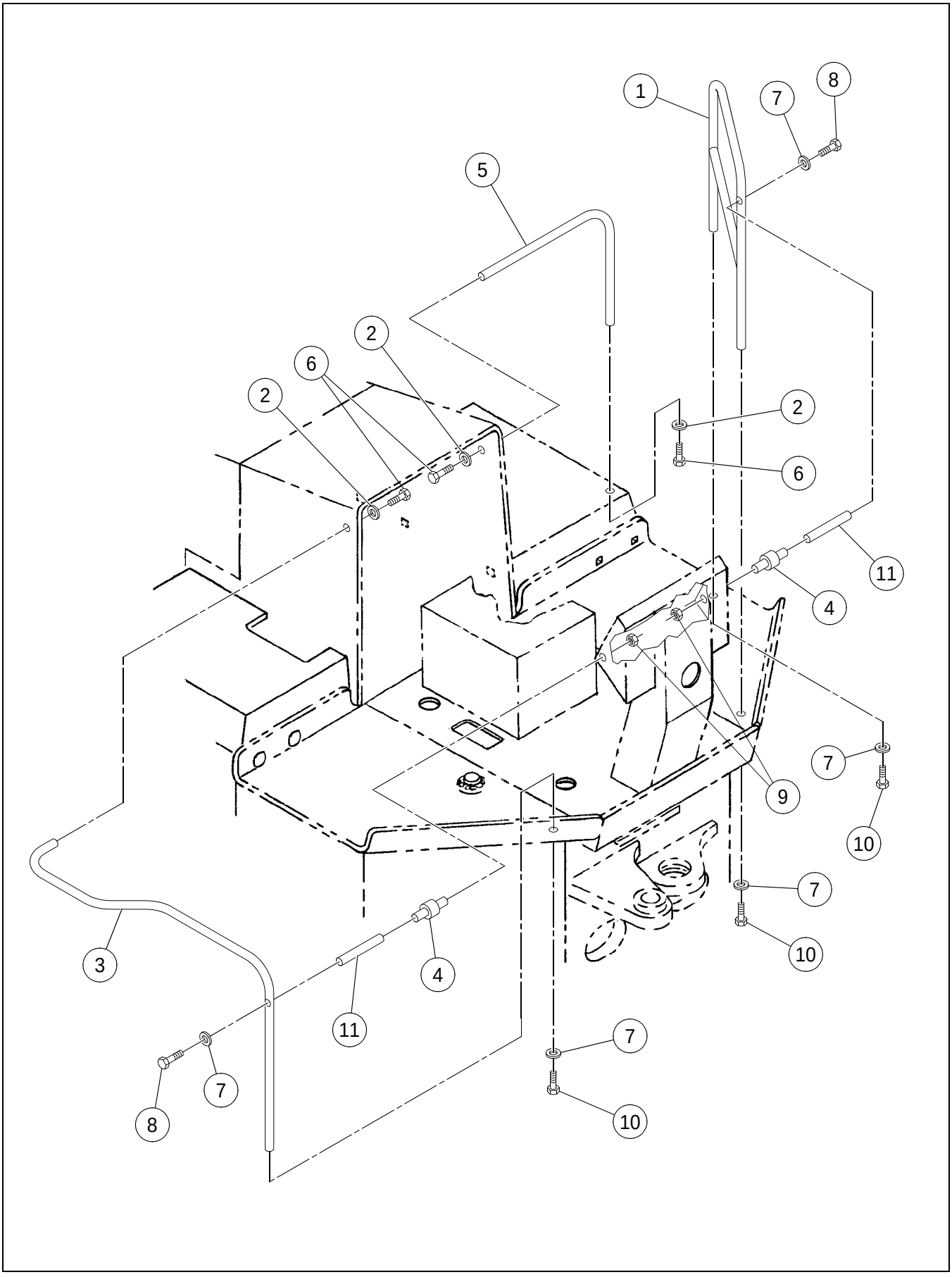


FENDER INSTALLATION

BOM 59114454

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	59214577	FENDER, LH	1	
2	59214510	FENDER, RH	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, HARDENED	6	

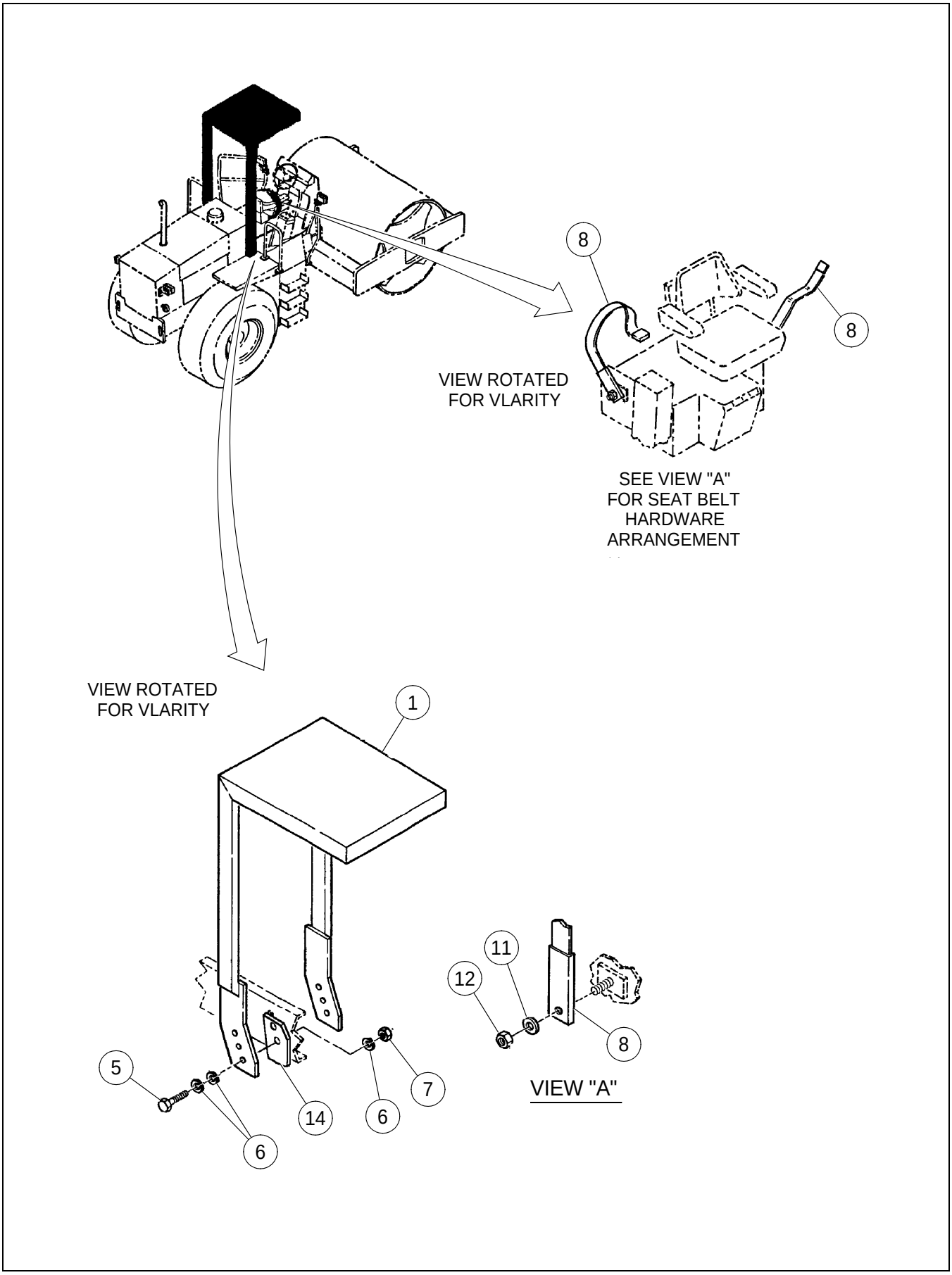
13161559 REV 00



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	3	M12-1.75X55
7	96738596	FLATWASHER, HARDENED	5	
8	96715081	HHCS CL 8.8,YEL ZN	2	M12-1.75X45
9	95923223	LOCKNUT	2	3/8-16
10	96705637	HHCS CL 8.8,YEL ZN	3	M12-1.75X55
11	13160791	RAIL SUPPORT	2	

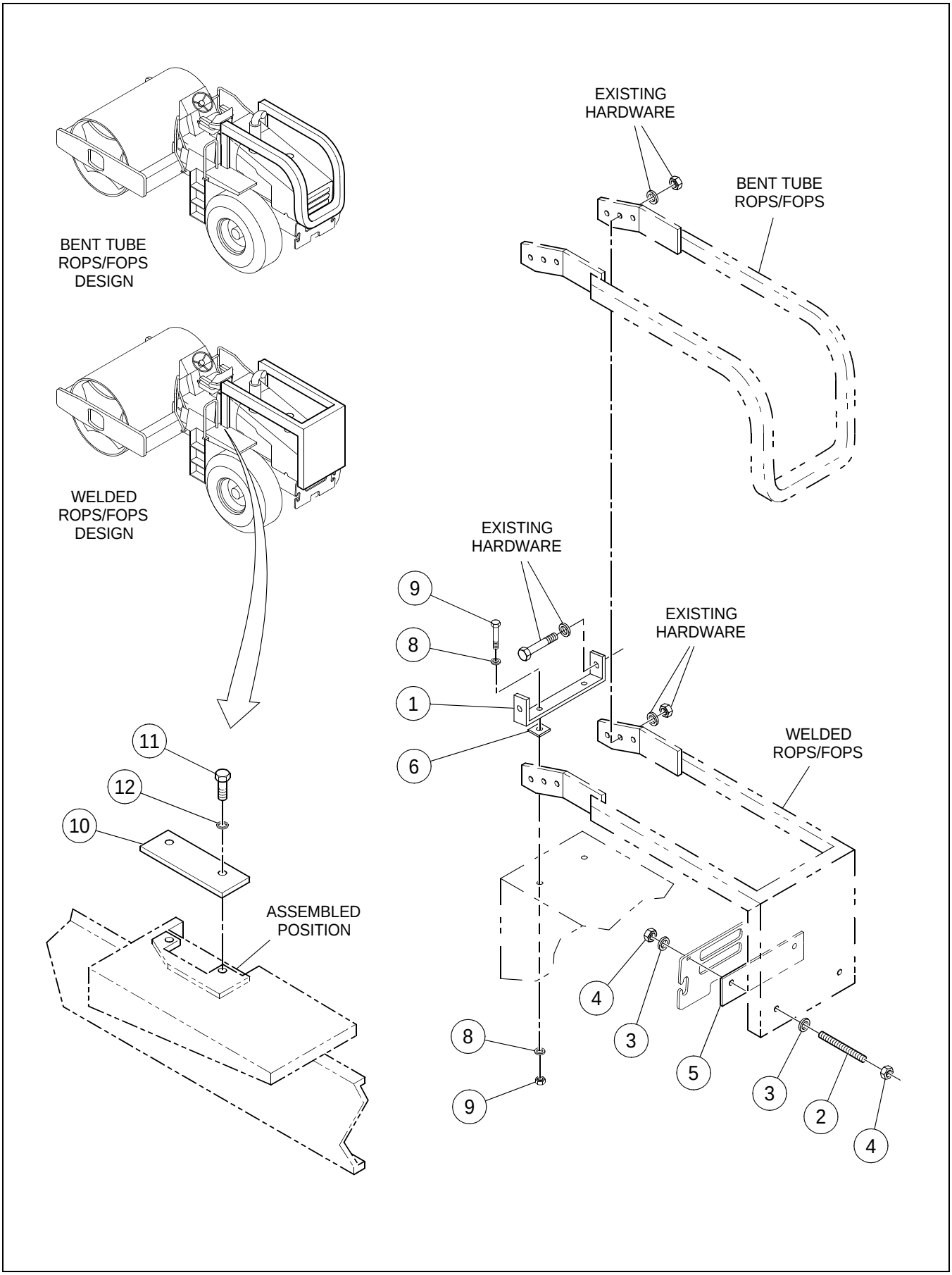
59161463 REV 03



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	

13301619 REV 02



ROPS/FOPS STOWAGE INSTALLATION - OPTION

BOM 13301619

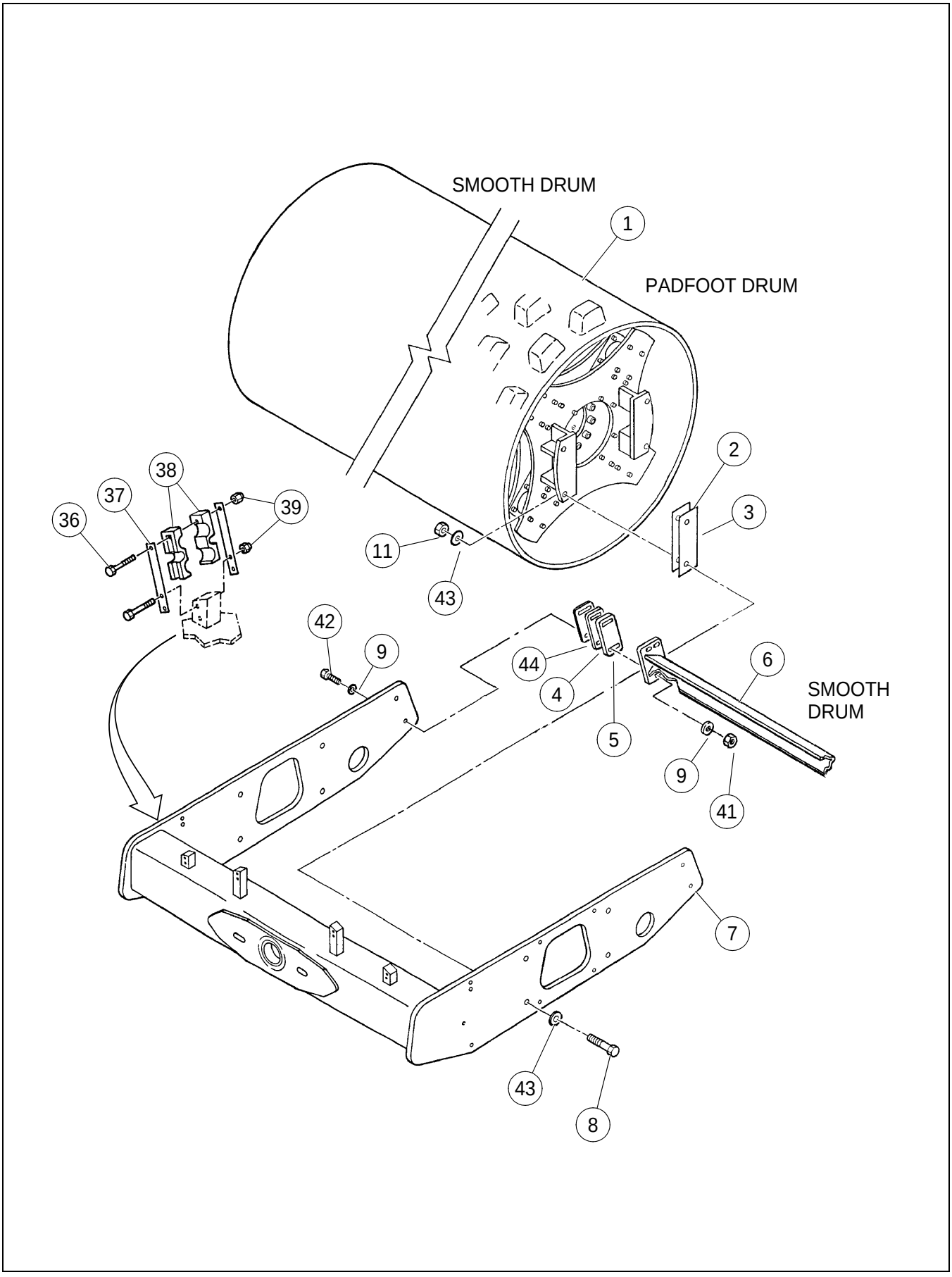
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	13353370	BRACKET, ROPS STOWAGE	1	
2	59226084	THREADED ROD	2	
3	59537266	FLATWASHER, HARDENED	4	
4	95923272	LOCKNUT	4	
5	59225912	RUBBER, PROTECTIVE	1	
6	59340000	RUBBER, PROTECTIVE	2	
7	96702428	HHCS CL 8.8,YEL ZN	2	M10-1.5X45
8	96741046	FLATWASHER	4	M10
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	M10

Always use Ingersoll-Rand Replacement parts!*

Section B - DRUM

DRUM AND SWIVEL INSTALLATION - SHEET 1 OF 2

13289764 REV 01

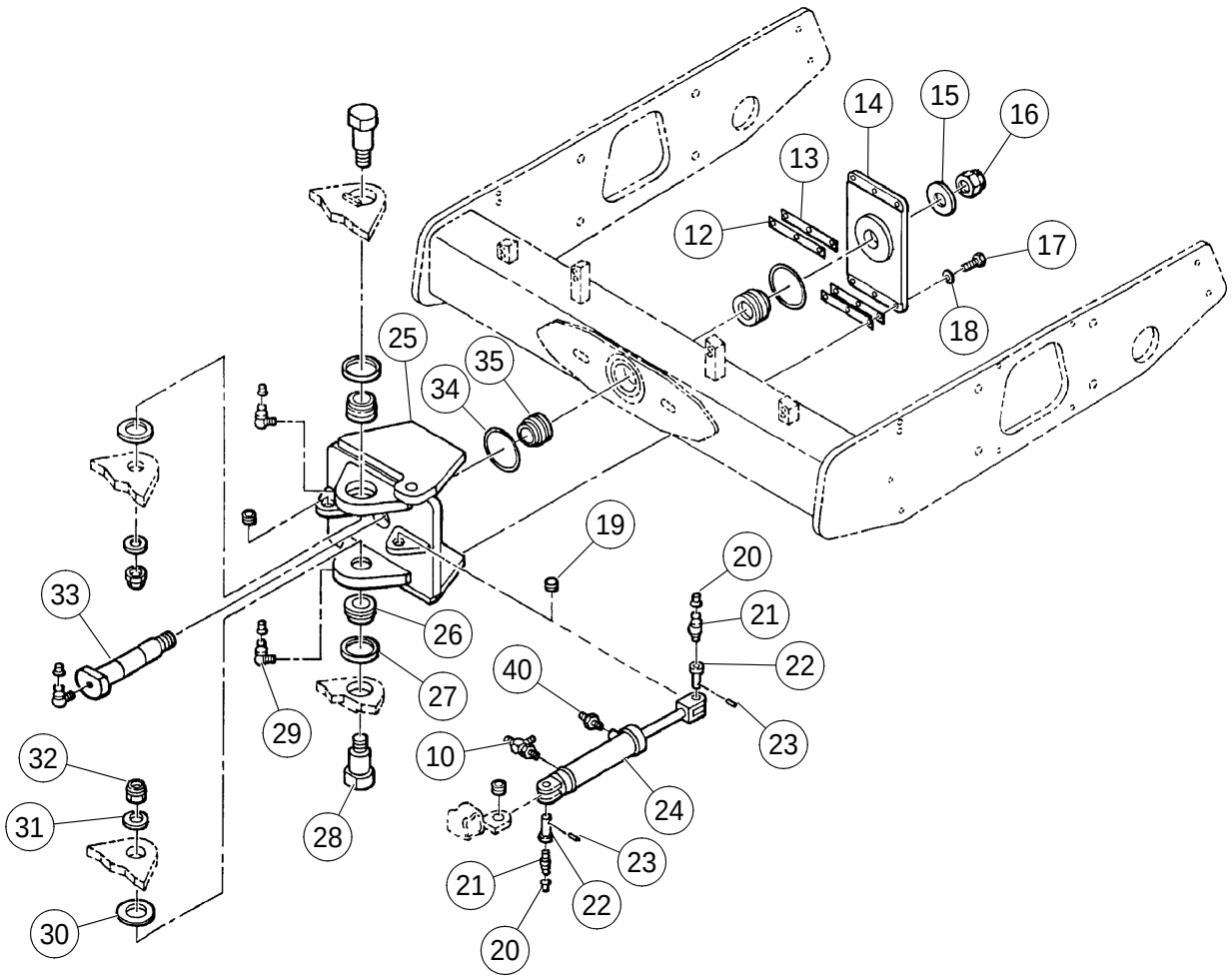


DRUM AND SWIVEL INSTALLATION - SHEET 1 OF 2

BOM 13289764

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	**NSVA**	**DRUM ASSEMBLY**	**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, HARDENED	16	M20
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	

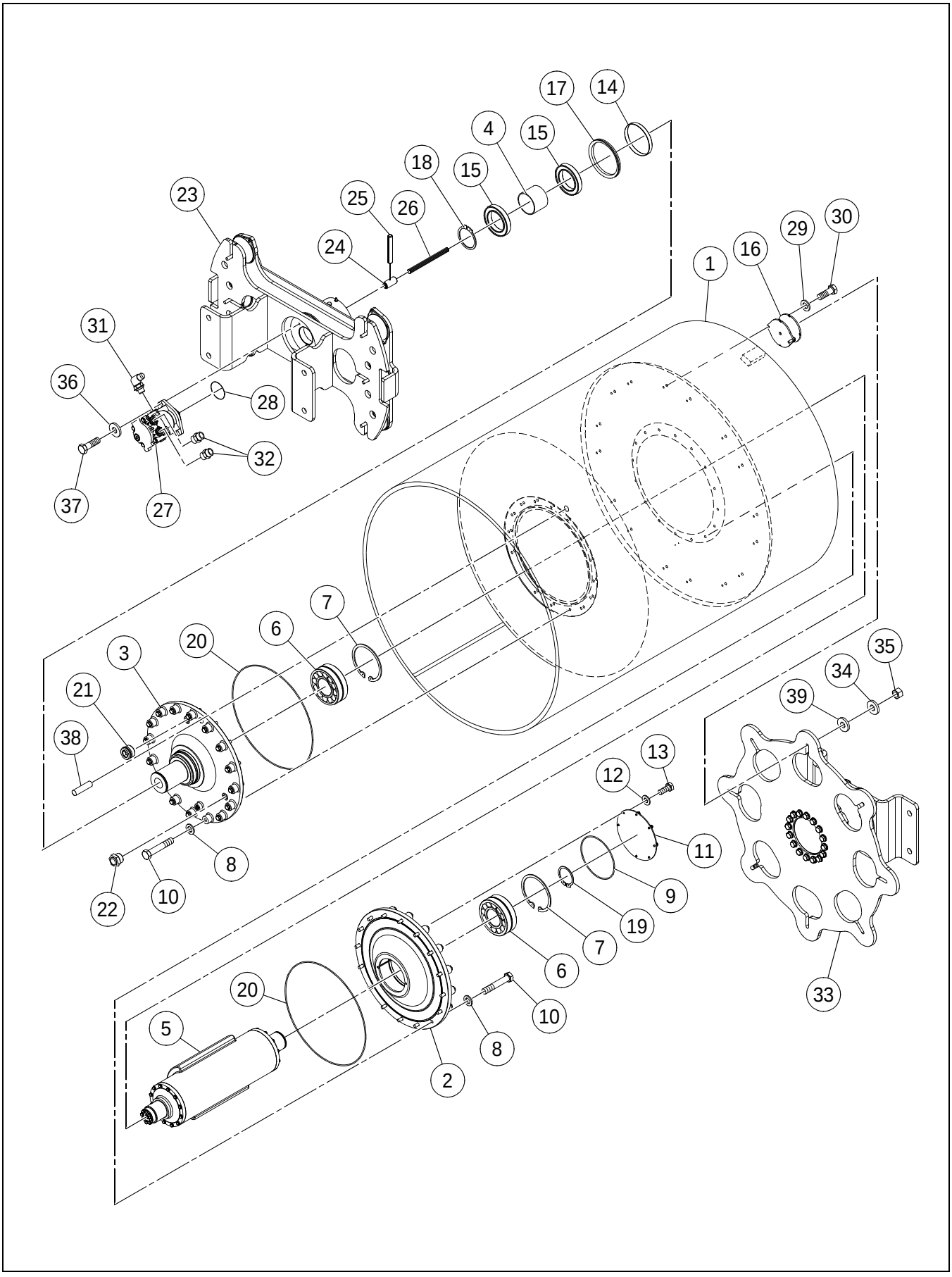
13289764 REV 01



BOM 13289764

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
30	50268879	SEAL	2	
31	95922175	FLATWASHER	2	
32	59003442	ELASTIC STOP NUT	2	
33	58977711	OSCILLATION PIN	1	
34	59103804	SEAL,SWIVEL FRAME	2	
35	50268259	BEARING	2	
36	96705272	HHCS CL 8.8,YEL ZN	15	M10-1.5X80
37	58977737	STRAP	6	
38	59232751	HYDRAULIC CLAMP	6	
39	96704614	NUT	15	M10X1.5
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	6	
46	13294319	BRACKET HOSE CLAMP	3	
47	13294301	BRACKET HOSE CLAMP	3	
48	96704283	HHCS CL 8.8,YEL ZN	6	M12-1.75X80
49	96704622	LOCKNUT	6	M12

13160684 REV 05

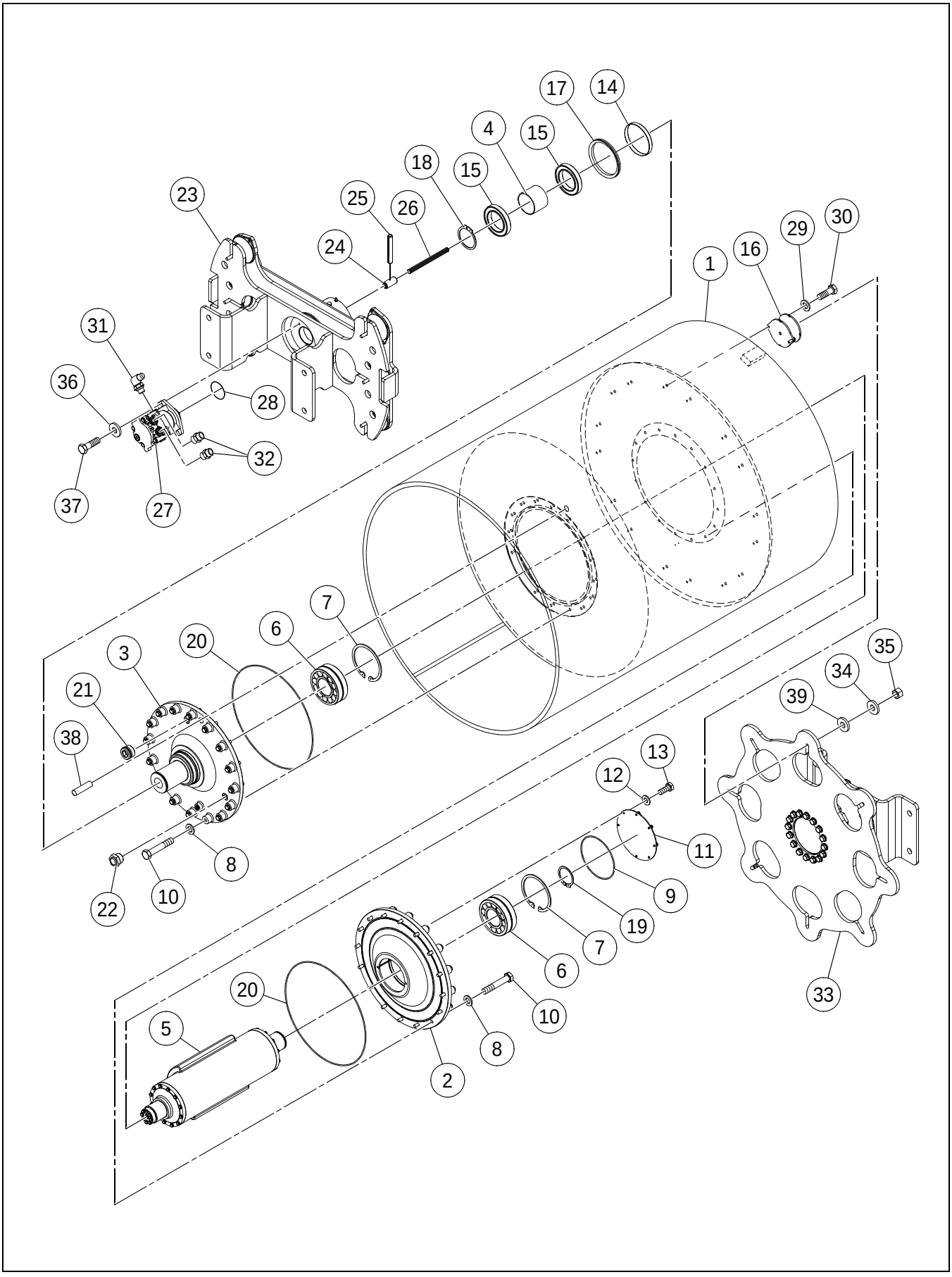


DRUM ASSEMBLY - SHEET 1 OF 2

BOM 13320502

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	13280383	DRUM	1	
2	13329180	BEARING HOUSING DRIVE	1	
3	13217955	BEARING HOUSING SPINDLE	1	
4	59277251	SPACER	1	
5	**NSVA**	**ECCENTRIC SHAFT ASSEMBLY**	**1**	**See Page B - 10.**
6	58951690	BEARING	2	
7	96711031	CLIP RING	2	
8	96738612	FLATWASHER, HARDENED	32	M16
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	M8
13	96702824	HHCS CL 8.8,YEL ZN	8	M8-1.25X20
14	59277756	WEAR SLEEVE	1	
15	50269984	BALL BEARING	2	
16	13304787	SHOCK MOUNT	6	
17	13167390	V-RING SEAL	1	
18	96711510	RETAINING RING	1	
19	96711478	RETAINER RING	1	ABG-02177
20	95603163	O-RING	2	
21	59144428	PLUG, MAGNETIC	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	96745104	FLATWASHER, HARDENED	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	

13160684 REV 05

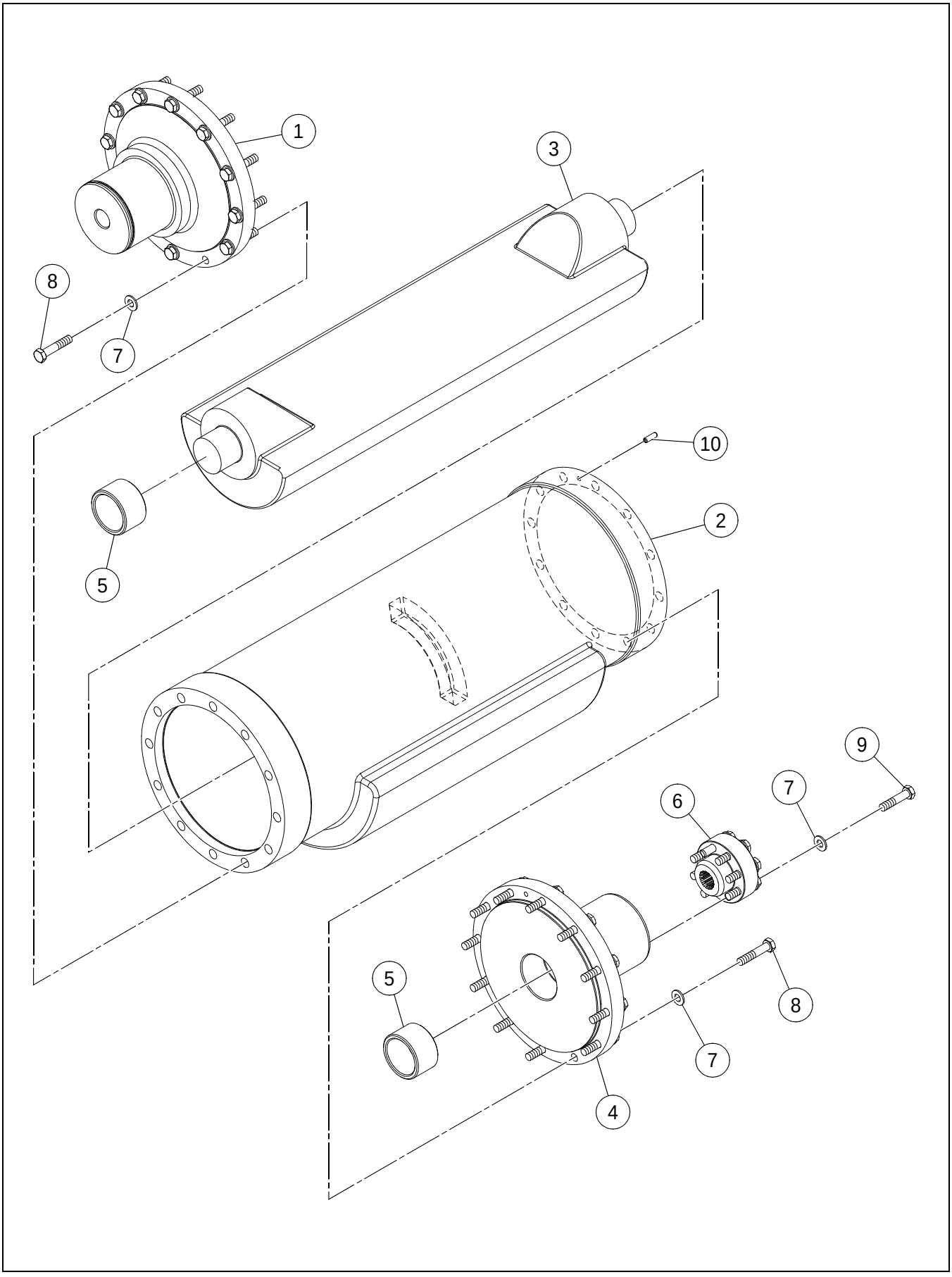


BOM 13320502

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
39	13351408	WASHER	6	

ECCENTRIC SHAFT ASSEMBLY

59296582 REV 03



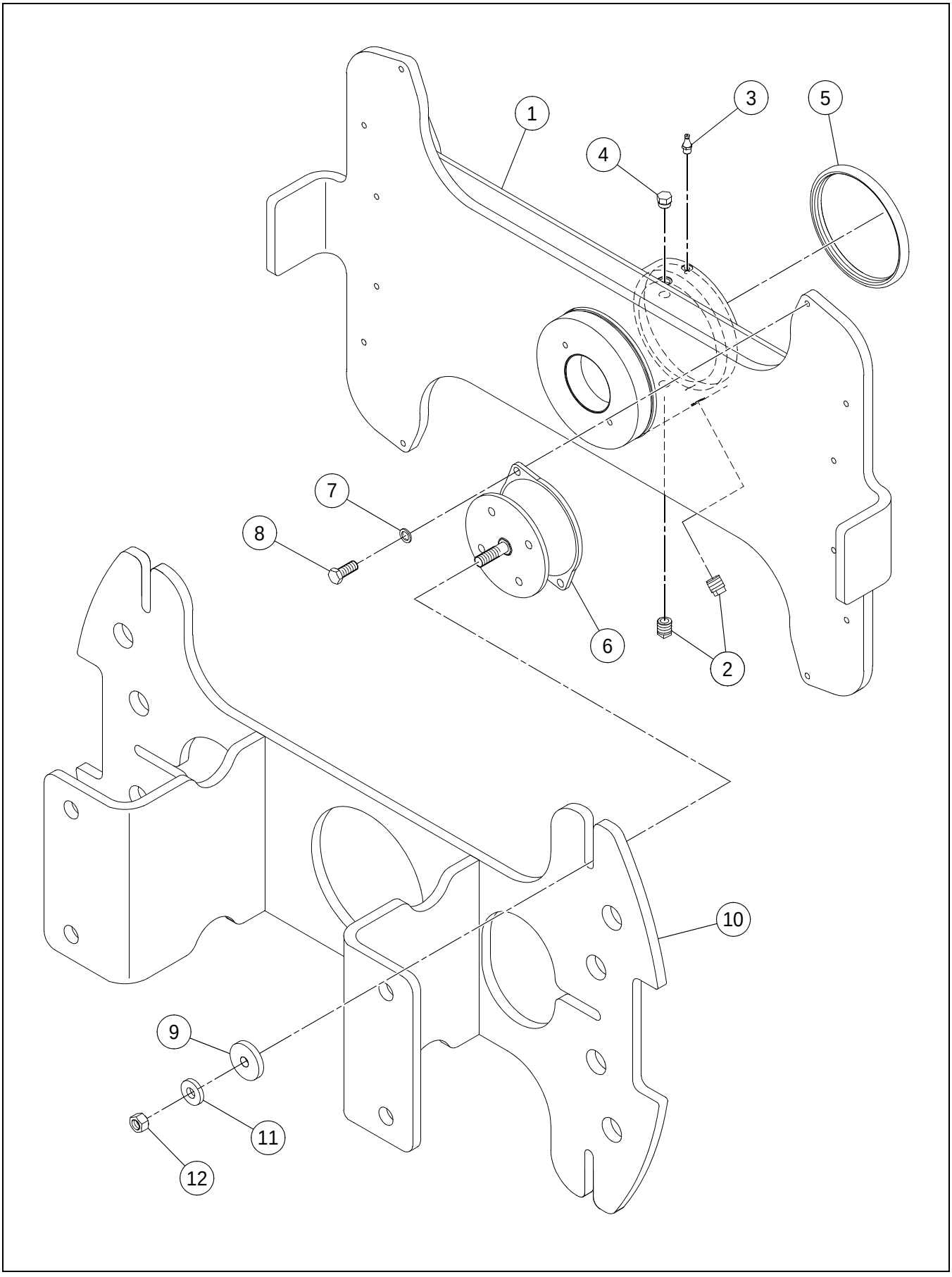
ECCENTRIC SHAFT ASSEMBLY

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	M10
8	96719265	HHCS CL 8.8,YEL ZN	24	M10-1.5X50
9	96702428	HHCS CL 8.8,YEL ZN	8	M10-1.5X45
10	96720990	ROLL PIN	1	M6X20

CARRIER ASSEMBLY

13213285 REV 02

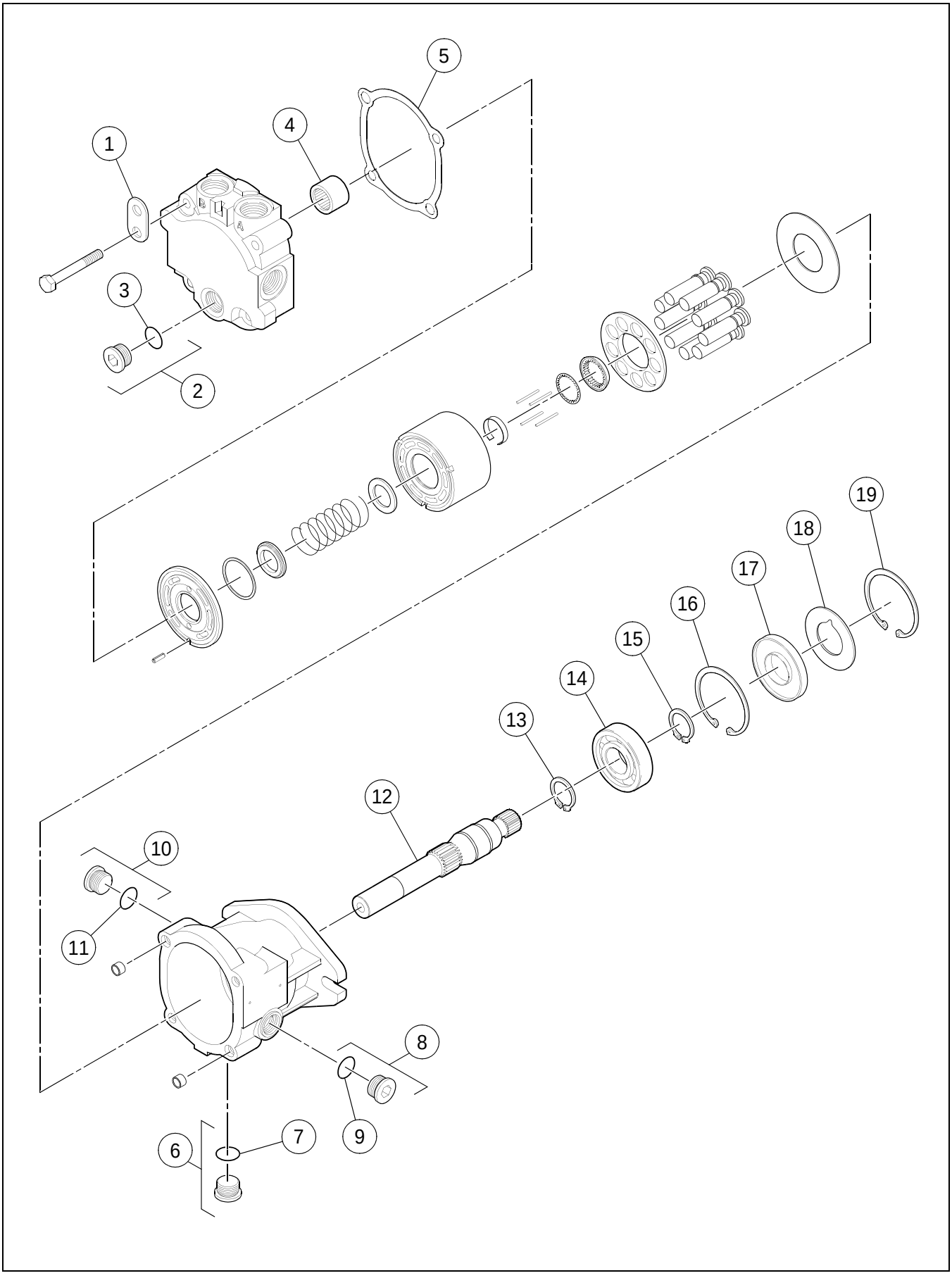


CARRIER ASSEMBLY

BOM 59295063

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	13237557	CARRIER PLATE	1	
2	59600593	PIPE PLUG	2	
3	96702709	GREASE FITTING	1	
4	54584776	BREATHER, FILTERED VENT	1	
5	59277764	OIL SEAL	1	
6	13304787	SHOCK MOUNT	4	
7	96738596	FLATWASHER, HARDENED	8	
8	96702808	HHCS CL 10.9,YEL ZN HR	8	M12-1.75X30
9	13351408	WASHER	4	
10	13283346	SHOCK MOUNT PLATE	1	
11	59565044	FLATWASHER, HARDENED	4	
12	96703657	NUT	4	M16

13197447 REV 00



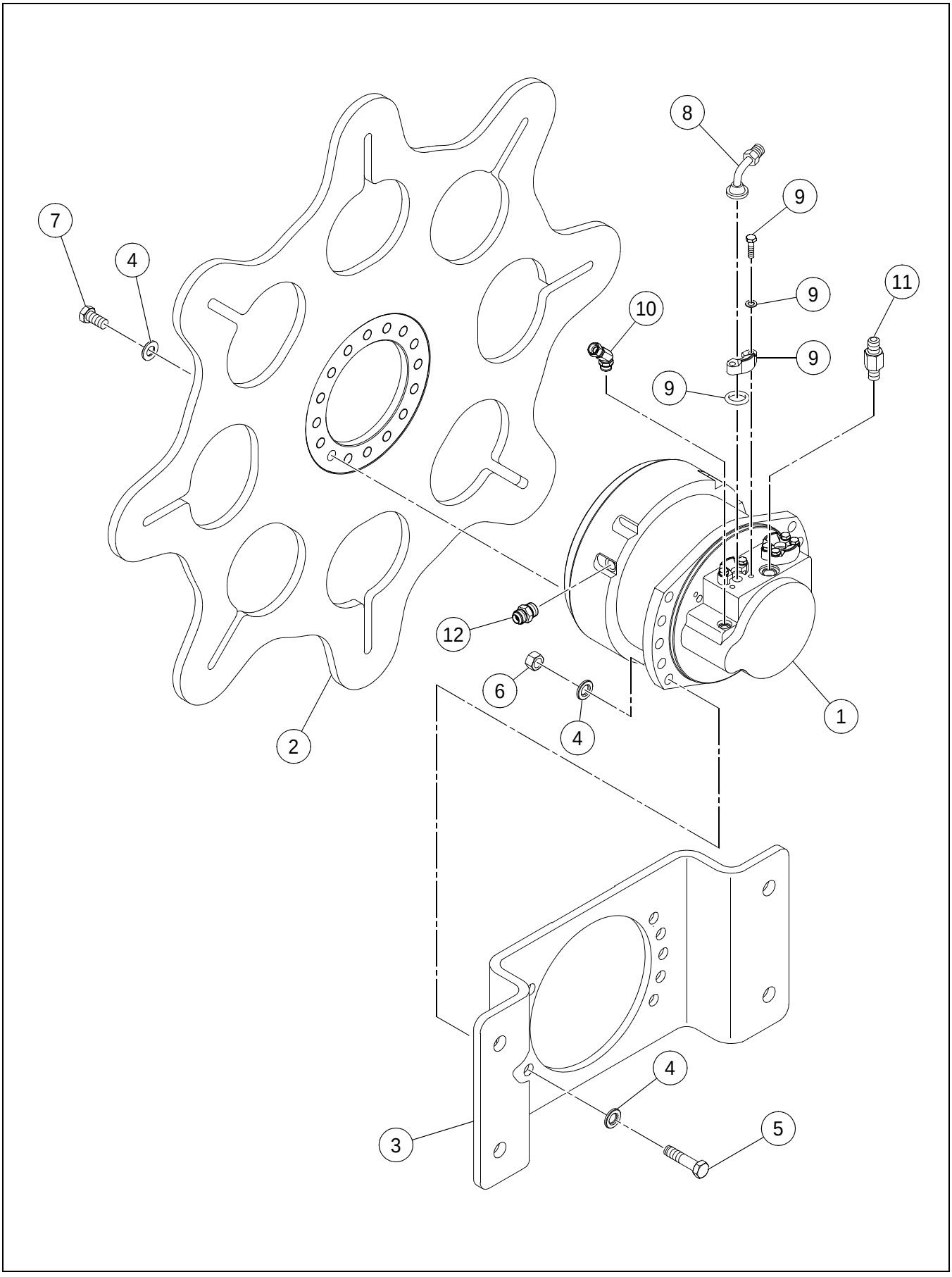
VIBRATION MOTOR

BOM 13197447

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
2	58891540	PLUG	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	
9	50278019	O-RING	1	
10	58891540	PLUG	1	
11	50278019	O-RING	1	
12	13228200	SHAFT	1	
13	59785519	RING	1	
14	95200648	BEARING,BALL	1	
15	59785519	RING	1	
16	59861872	RING	1	
17	59941203	SEAL	1	
18	59245209	WASHER	1	
19	59861872	RING	1	

DRIVE PLATE ASSEMBLY

13289756 REV 00

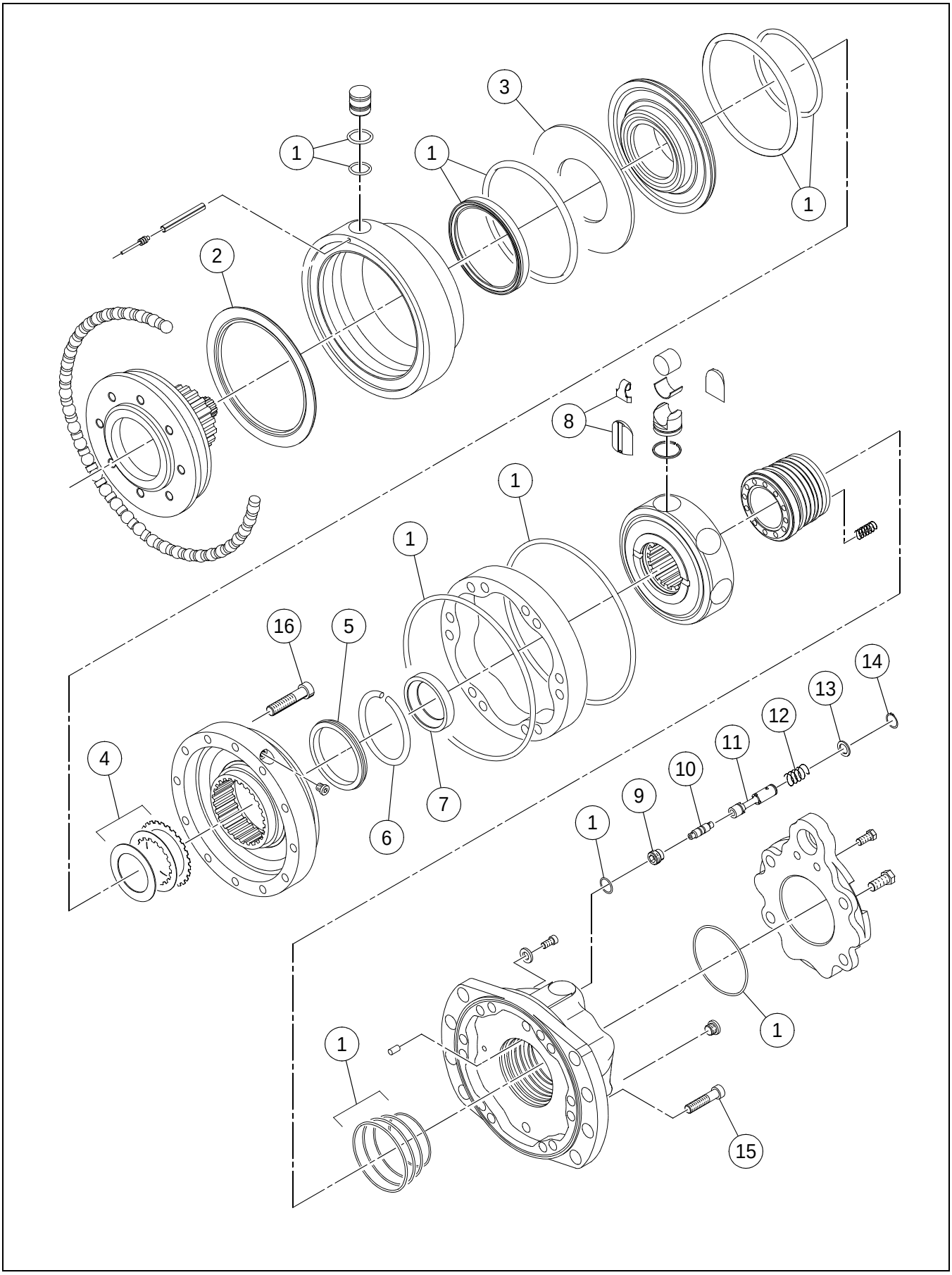


DRIVE PLATE ASSEMBLY

BOM 13320494

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	**NSVA**	**MOTOR, HYDRAULIC DRIVE**	**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
6	96720446	HEX NUT	10	M20X2.5
7	96740998	HHCS CL 8.8,YEL ZN	16	M20-X1.5X40
8	59177915	SPLIT FLANGE	2	
9	13184445	SPLIT CLAMP	2	
-	96708151	- HEX SOC. C.S. M10X 40	8	
-	59510065	- LOCKWASHER	8	
-	59990010	- O-RING	2	
10	95650339	ADAPTER	1	
11	95285946	ADAPTER	1	
12	95356903	ADAPTER	1	

13320551 REV 00



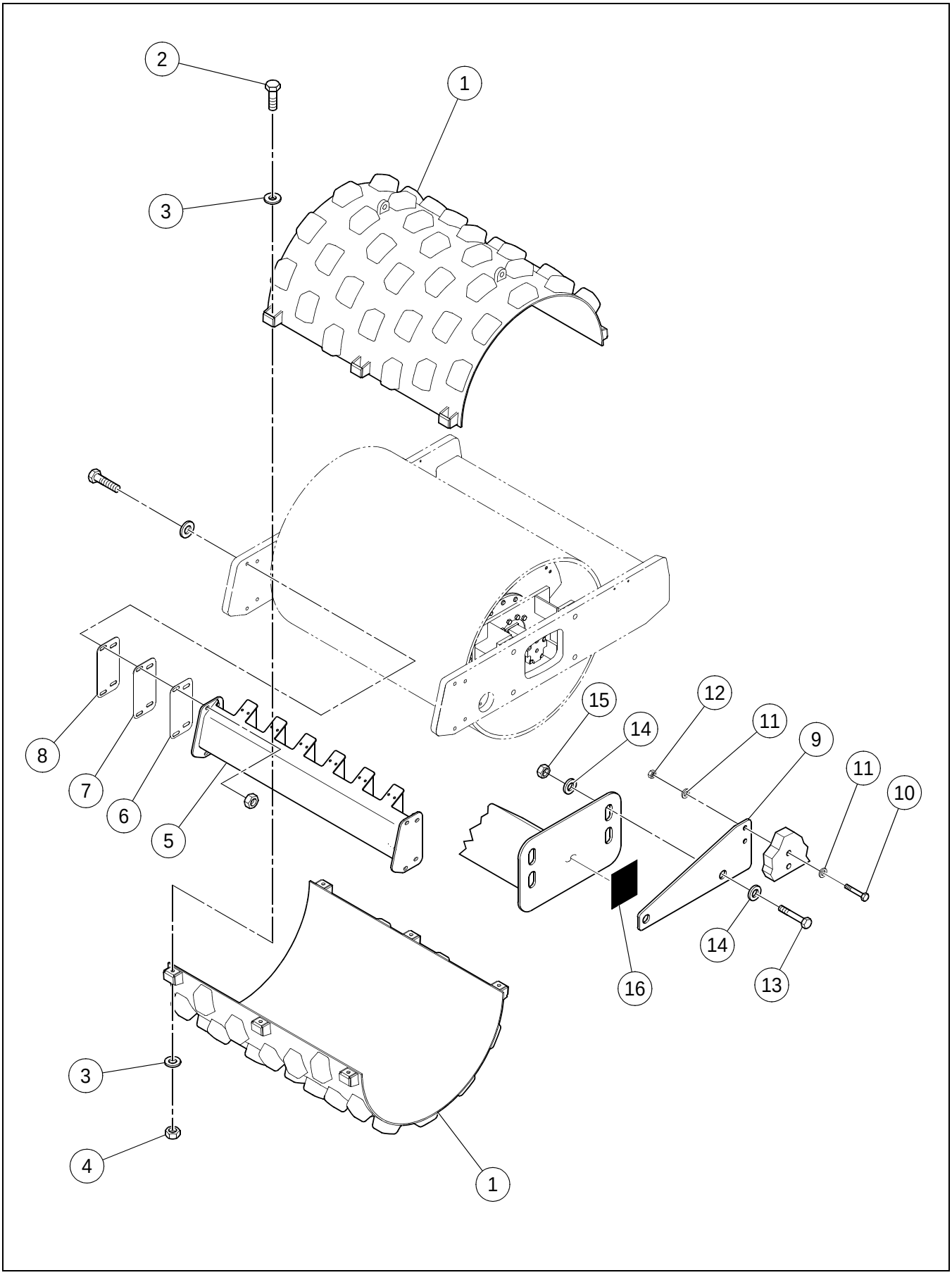
MOTOR, HYDRAULIC DRIVE

BOM 13320551

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	13262746	SEAL KIT	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	SCREW/BOLT	12	

BOLT-ON SHELL W/SCRAPER INSTALLATION - OPTION

13205950 REV 00



BOLT-ON SHELL W/SCRAPER INSTALLATION - OPTION

BOM 13205950

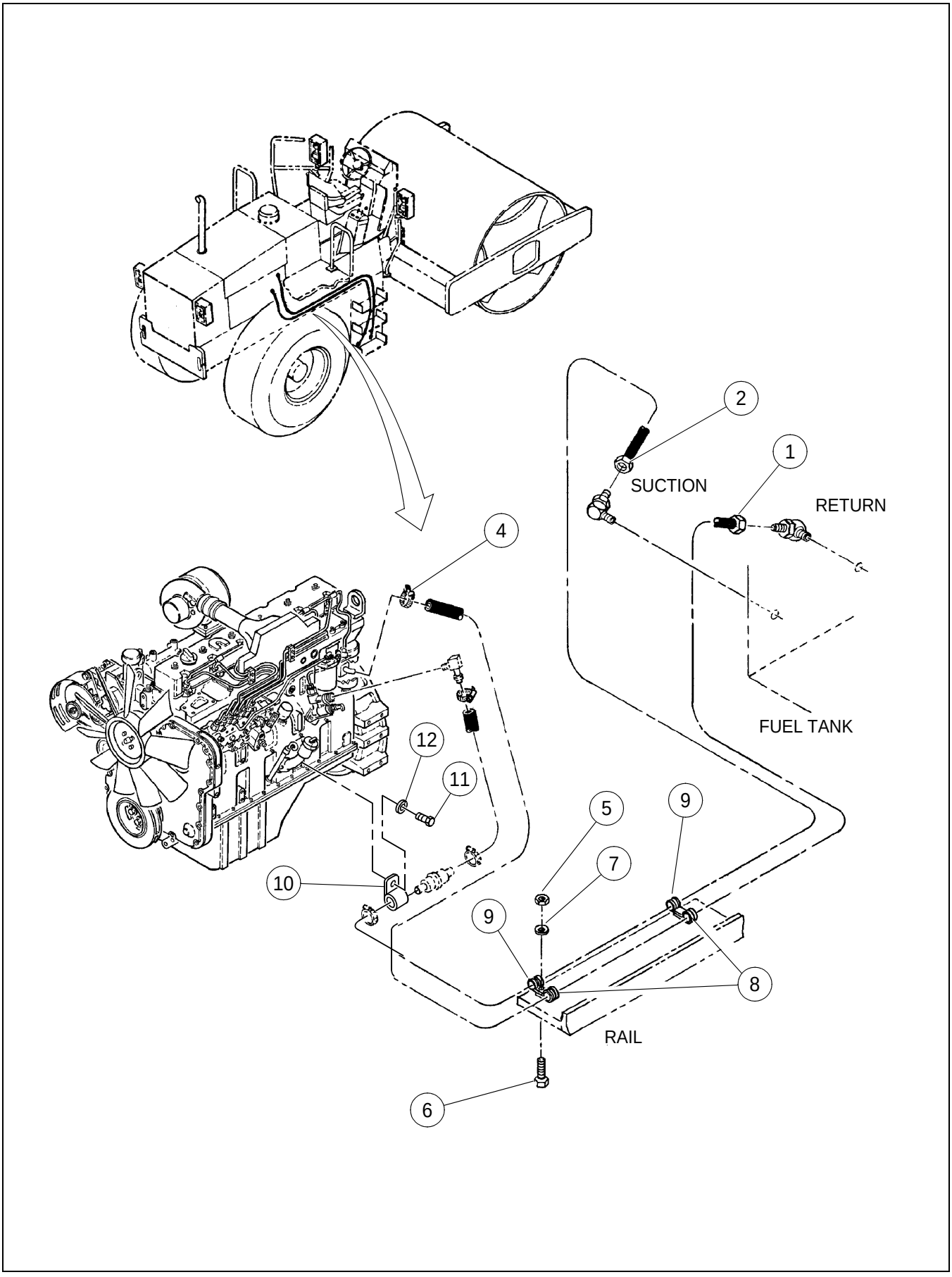
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	13438098	BOLT-ON SHELL	1	
2	96715164	HHCS CL 10.9,YEL ZN HR	8	M24-3.0X90
3	96738646	FLATWASHER, HARDENED	16	M24
4	96703681	HEX NUT	8	
5	59398230	SCRAPER	1	
-	59398248	- SCRAPER	1	
-	59796755	- GUSSET PLATE	7	
-	59796763	- WELD-ON TOOTH	14	
6	59398206	SHIM	4	
7	59398214	SHIM	4	
8	59398222	SHIM	2	
9	59222356	BRACKET	2	
10	96705272	HHCS CL 8.8,YEL ZN	4	M10-1.5X80
11	96741046	FLATWASHER	8	M10
12	96704812	HEX NUT	4	
13	96704481	HHCS CL 8.8,YEL ZN	4	M20-2.5X50
14	96738620	FLATWASHER, HARDENED	8	M20
15	96720446	HEX NUT	4	M20X2.5
16	54650643	DECAL: STORAGE ONLY	2	

Always use Ingersoll-Rand Replacement parts!*

Section C - ENGINE

FUEL LINE ASSEMBLY

59161240 REV 02



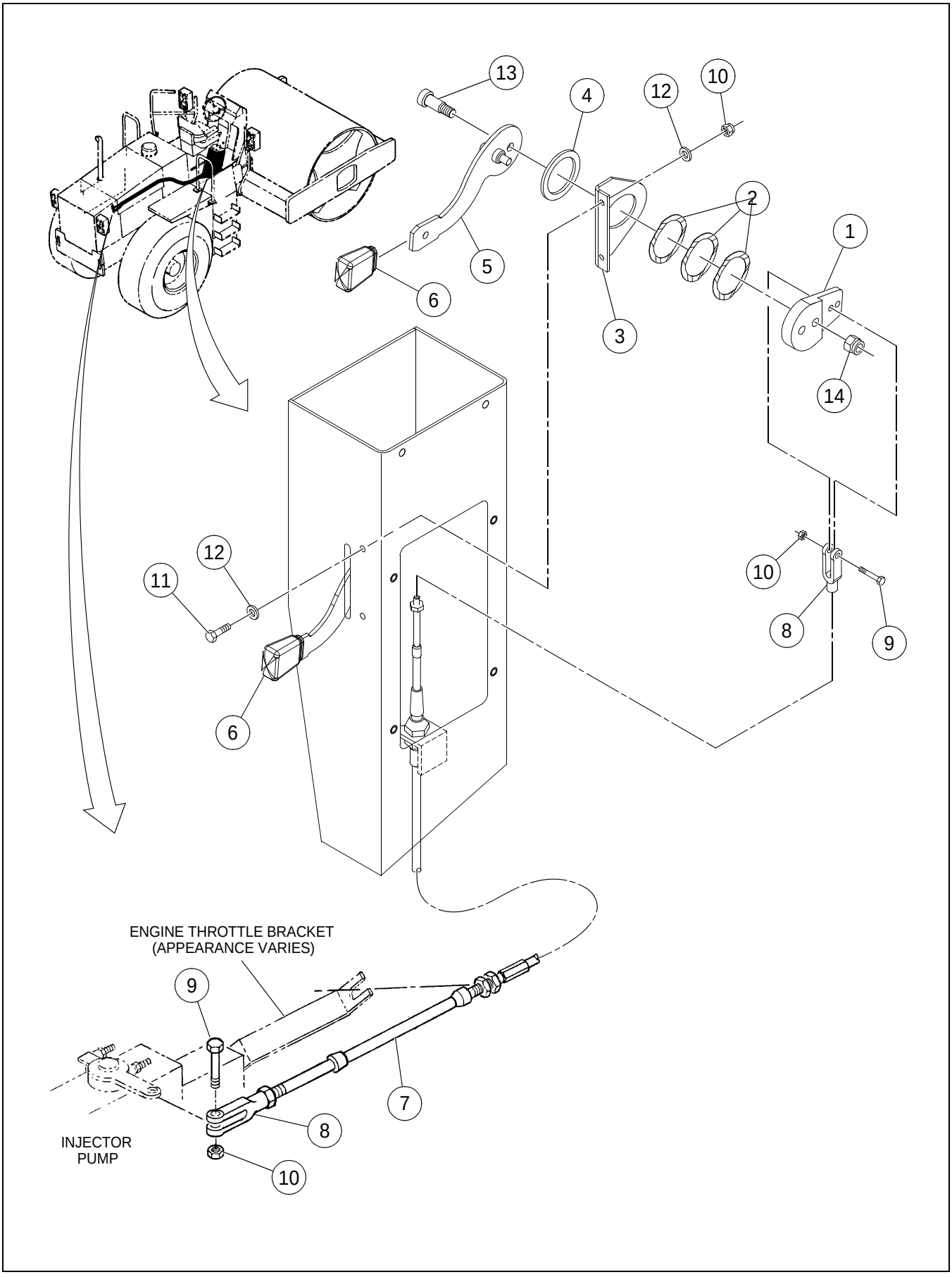
FUEL LINE ASSEMBLY

BOM 59161240

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	58873639	HOSE ASSEMBLY	1	
2	59058008	HOSE ASSEMBLY	1	
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	M6
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, HARDENED	1	

THROTTLE ASSEMBLY

13222815 REV 00



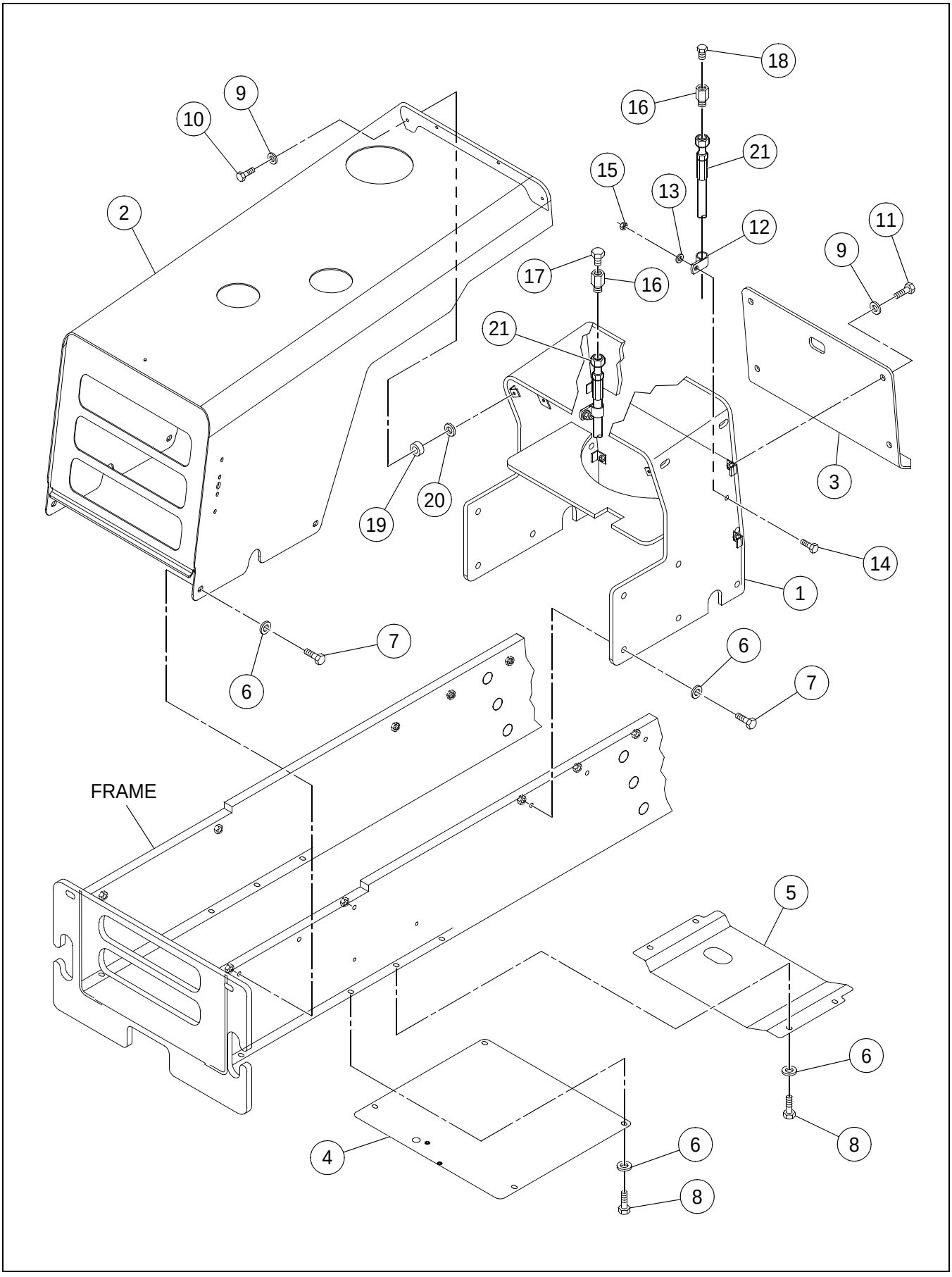
THROTTLE ASSEMBLY

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	CABLE,CONTROL	1	036559-03-080.0
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

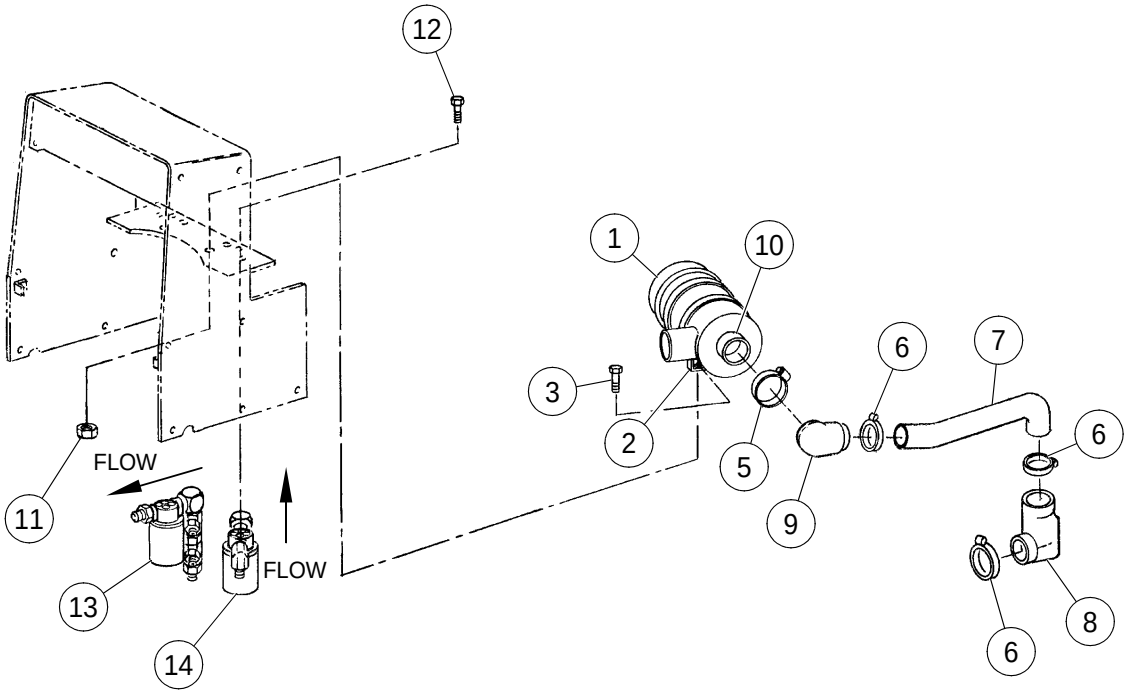


ENGINE COWLING AND HOOD INSTALLATION

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, HARDENED	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	M10
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	96741053	FLATWASHER	2	M6
14	96701958	HHCS CL 8.8,YEL ZN	2	M6-1X16
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
21	59117655	HOSE ASSEMBLY	2	

59104109 REV 03



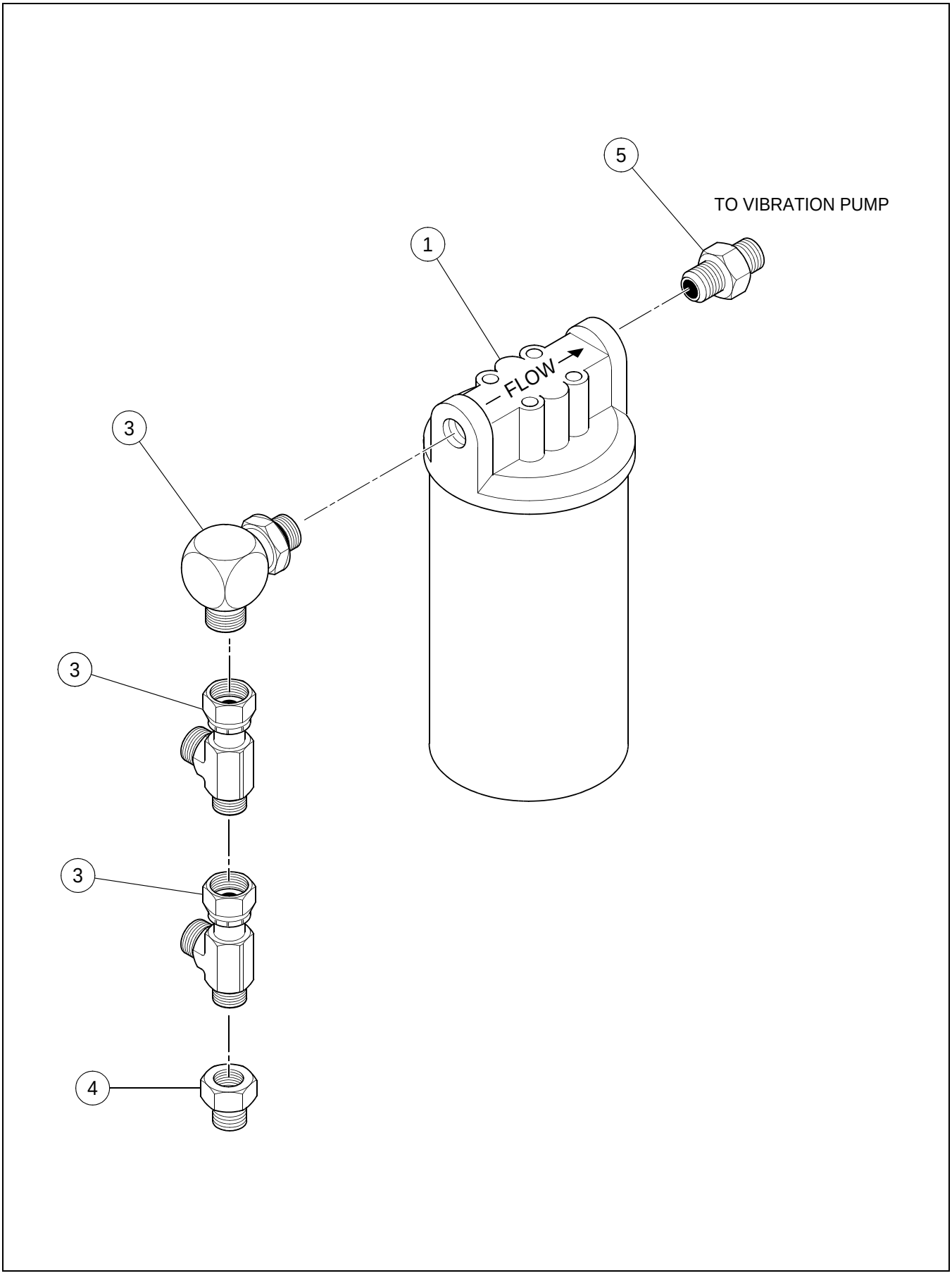
AIR CLEANER INSTALLATION

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	
-	50938950	- BAFFLE	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 - 10.**
14	**NSVA**	**VIBRATION FILTER ASSEMBLY**	**1**	**See Page C - 12.**

VIBRATION FILTER ASSEMBLY

59122556 REV 00



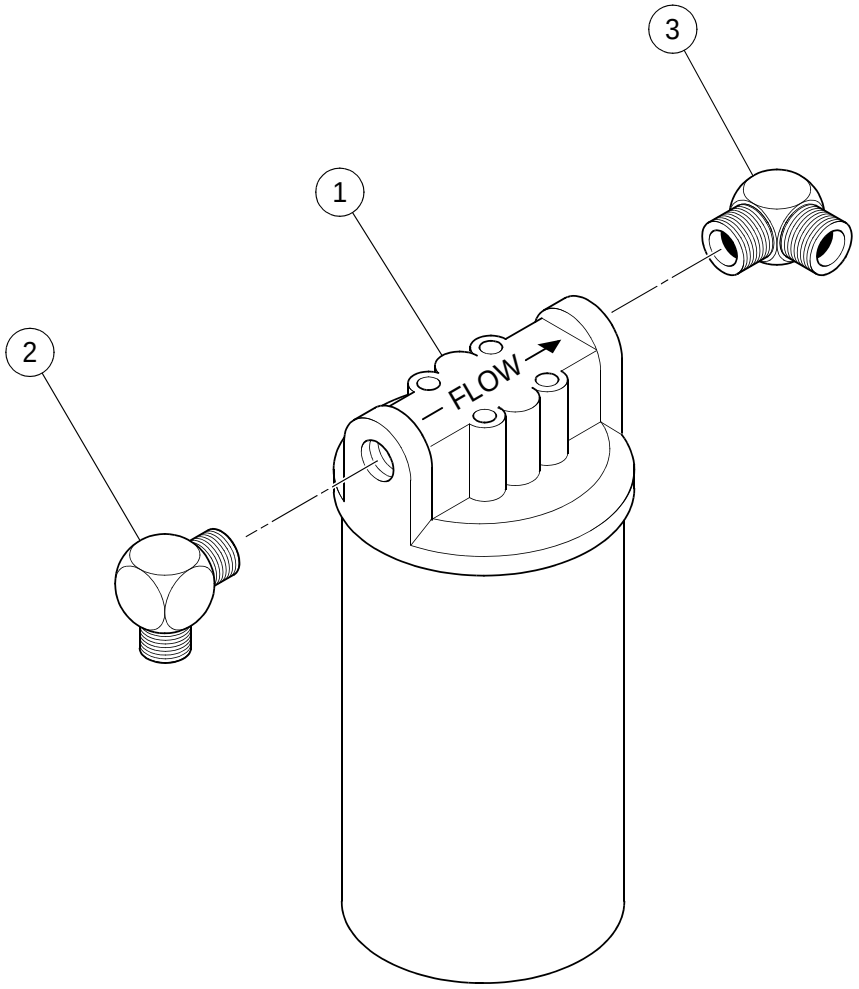
VIBRATION FILTER ASSEMBLY

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



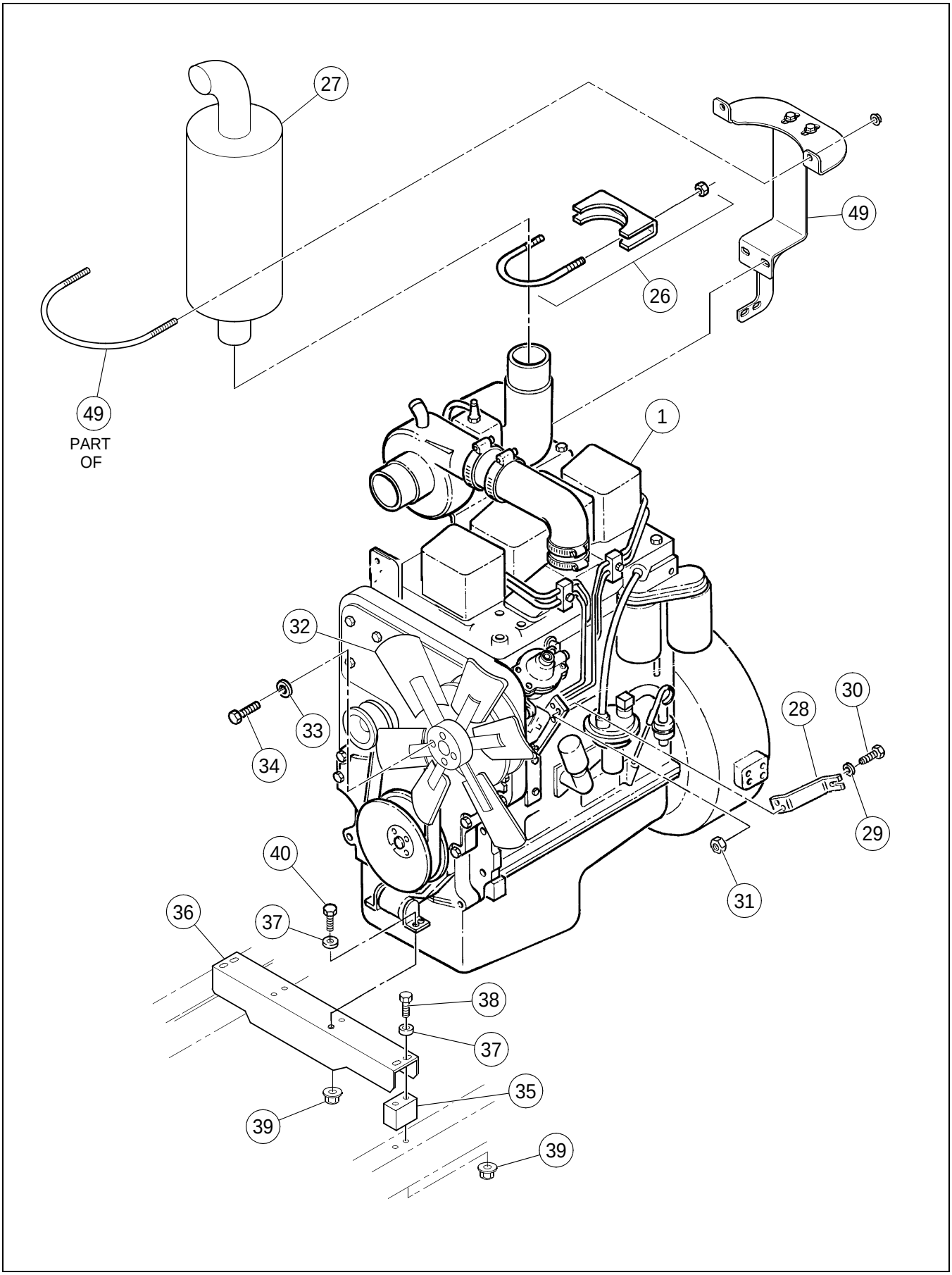
VIBRATION FILTER ASSEMBLY

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	

ENGINE INSTALLATION - SHEET 1 OF 2

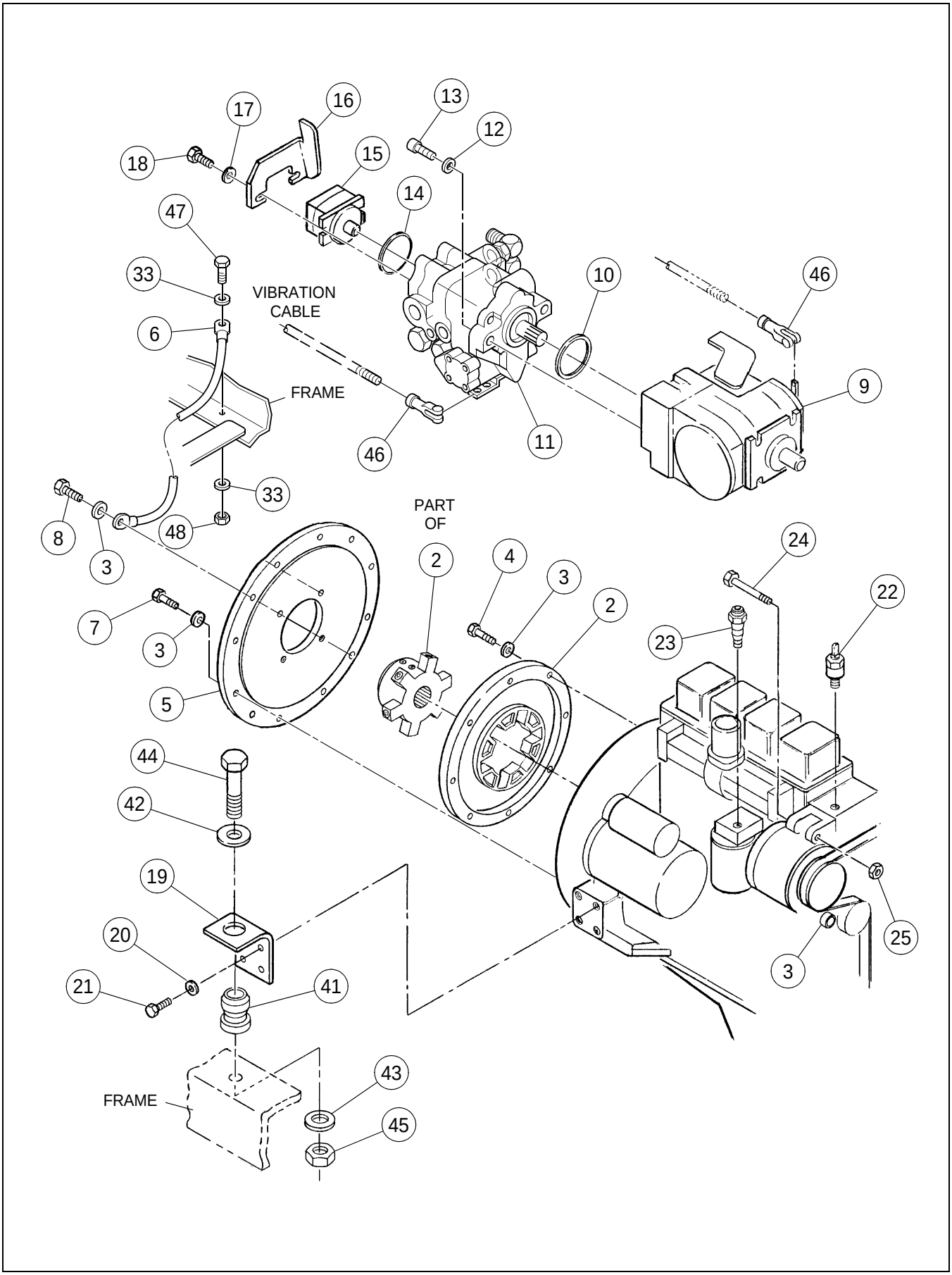
13289657 REV 02



BOM 13289657

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	13251137	ENGINE	1	
-	59728170	- OIL FILTER	1	
-	35374677	- FUEL FILTER	1	
-	59728196	- FUEL/WATER SEPARATOR FILTER	1	
-	58827932	- FUEL FILTER	1	
-	59106435	- ALTERNATOR	1	
-	13360516	- STARTER	1	
2	59286336	COUPLING	1	
3	96741046	FLATWASHER	21	M10
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 - 18.**
10	95097879	O-RING	1	
11	**NSVA**	**VIBRATION PUMP SUB-ASSEMBLY**	**1**	**See Page C - 28.**
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 - 36.**
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, HARDENED	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	M6
30	96704564	HHCS CL 8.8,YEL ZN	2	M6-1X20
31	96704234	NUT	2	M6X1

13289657 REV 02

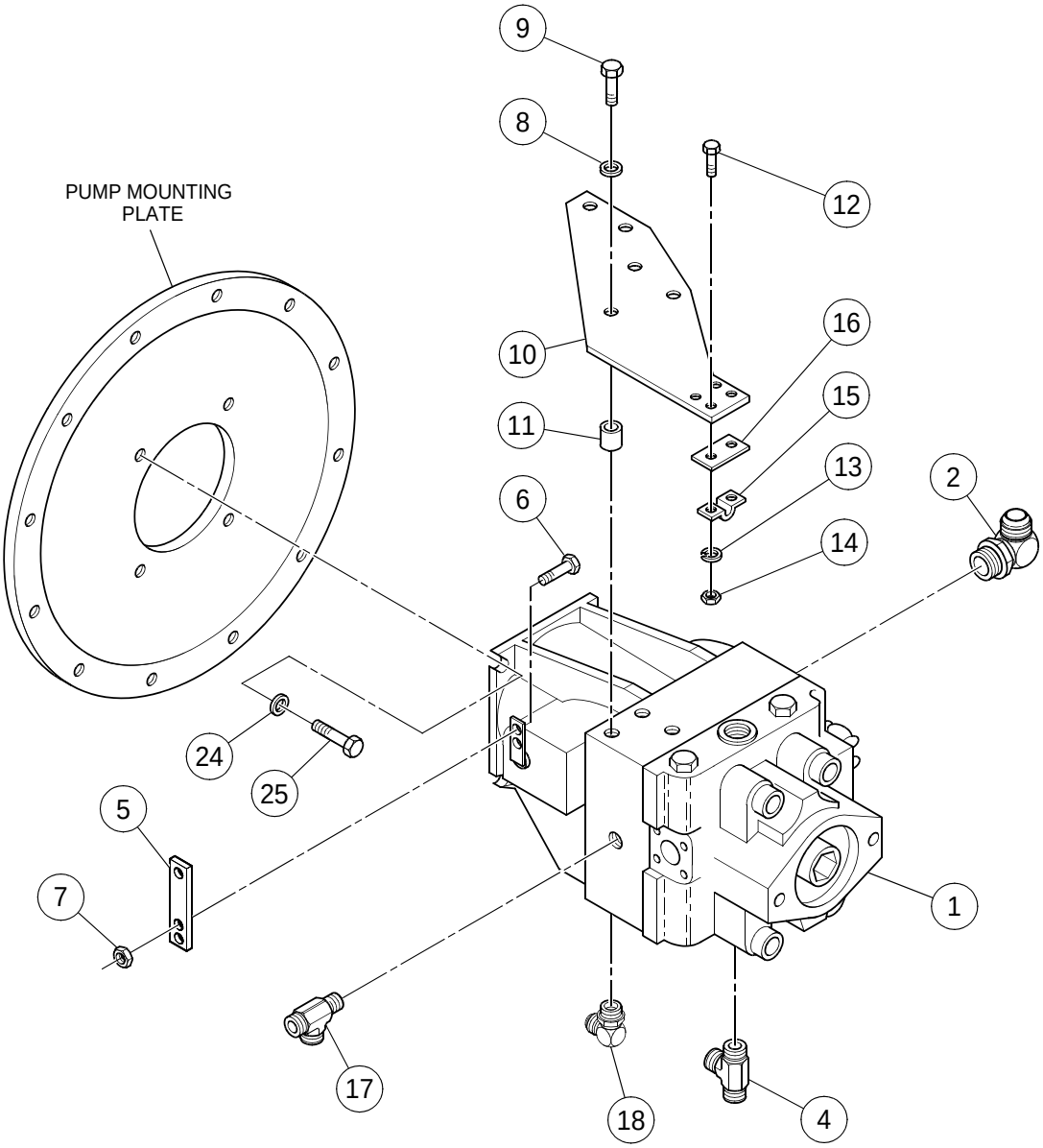


BOM 13289657

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
32	59819292	ENGINE FAN	1	
-	59309104	- FAN BELT	1	
33	96741038	FLATWASHER	6	M8
34	96715131	HHCS CL 8.8,YEL ZN	4	M8-1.25X70
35	59176917	SPACER	2	
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	FLATWASHER, HARDENED	2	M16
44	96704952	HHCS CL 8.8,YEL ZN	2	M16-2X100
45	96704630	STOP NUT	2	
46	**NSVA**	**PUMP**	**1**	**See Page C - 38.**
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 - 40.**

PROPULSION PUMP ASSEMBLY

13289640 REV 02



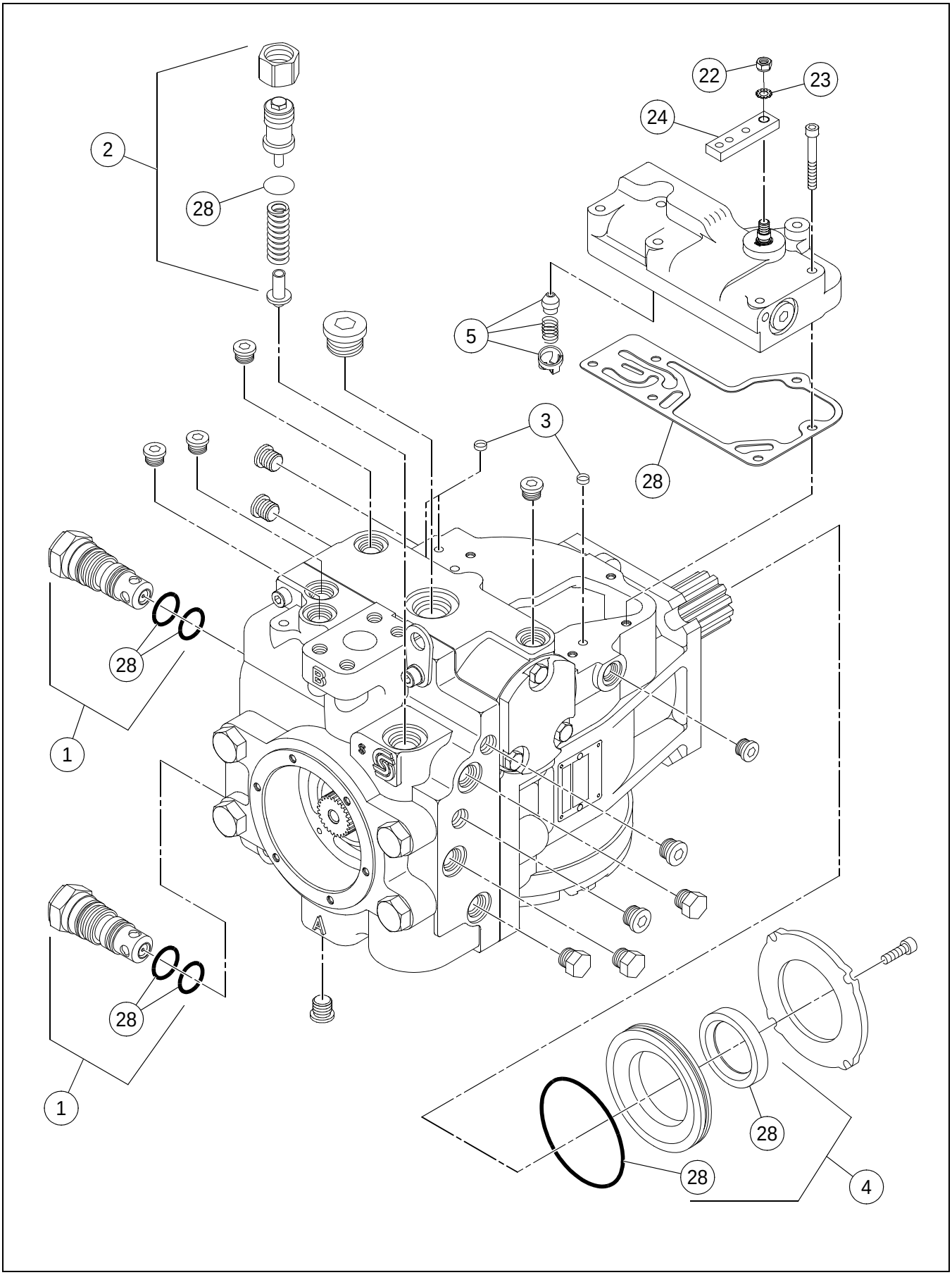
PROPULSION PUMP ASSEMBLY

BOM 13289640

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	**NSVA**	**PUMP, PISTON, VARIABLE**	**1**	**See Page C - 20.**
2	95376133	ELBOW	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	M8
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, HARDENED	2	
14	96704580	LOCKNUT	2	M5
15	59580571	CLAMP	1	
16	59617985	SHIM	1	
17	95829263	TEE	1	
18	95329975	ADAPTER	1	
24	96738596	FLATWASHER, HARDENED	4	
25	96702329	HHCS CL 8.8,YEL ZN	4	M12-1.75X35

PUMP, PISTON, VARIABLE - SHEET 1 OF 4

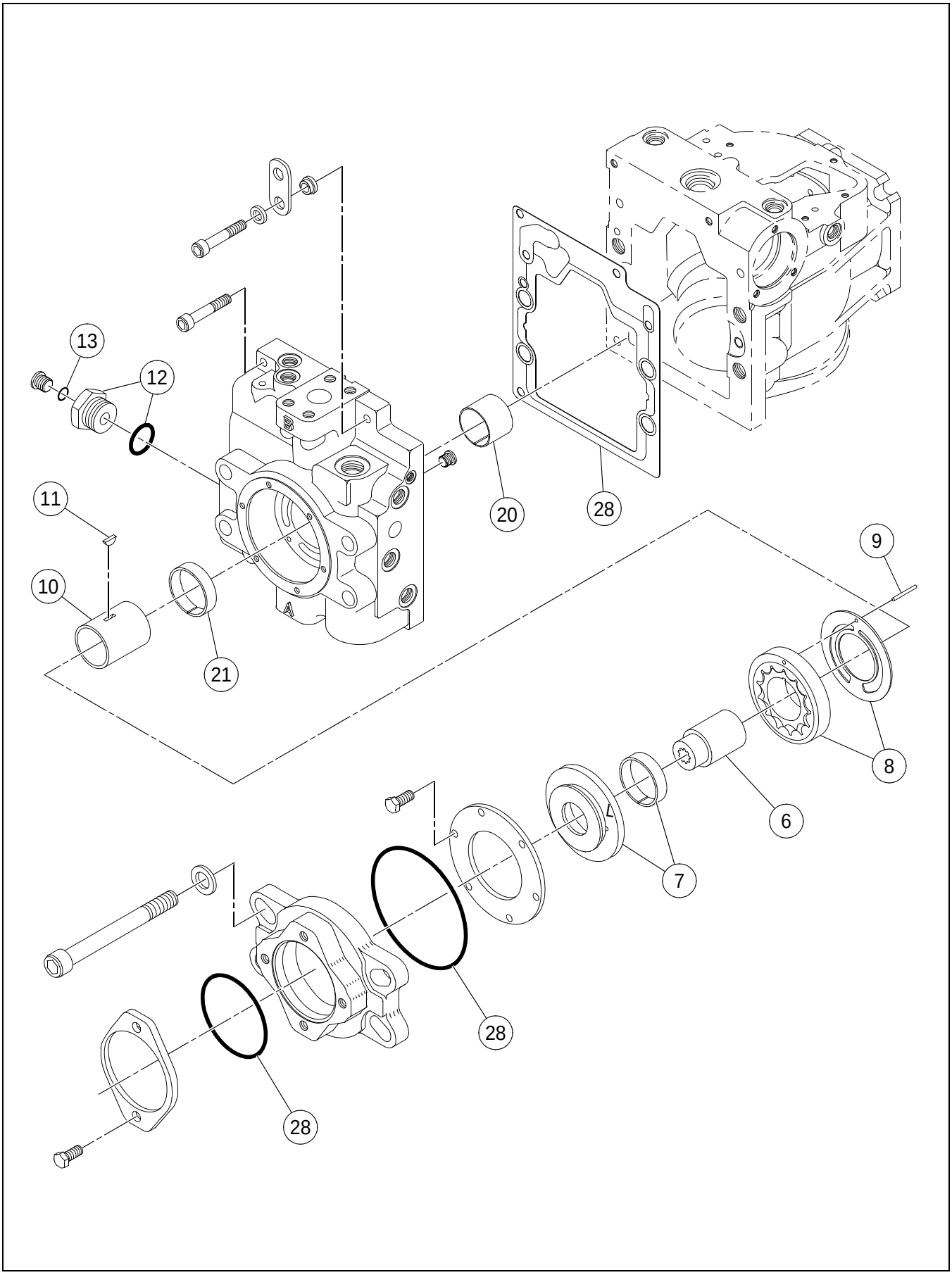
13321369 REV 00



BOM 13321369

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	58921495	VALVE ASSEMBLY	2	
-	95210258	- O-RING	2	
-	59360735	- O-RING	2	
2	59446138	CHARGE RELIEF KIT	1	
3	58795766	CONTROL FILTER SCREEN	3	
4	59231787	SHAFT SEAL ASSEMBLY	1	
5	58795766	CONTROL FILTER SCREEN	1	
6	59360511	COUPLING	1	
7	58918590	CHARGE PUMP COVER	1	
8	58918558	CHARGE PUMP SET	1	
9	59360461	PIN	1	
10	13248026	CHARGE PUMP SHAFT	1	
11	59360487	KEY	1	
12	59034470	PLUG, SPECIAL	1	
13	58881863	O-RING	1	
14	13466230	VALVE PLATE	1	
17	59384347	SHAFT	1	
18	59231811	ROLLER BEARING	1	
19	59343269	RETAINING RING	1	
20	59360347	BEARING	1	
21	59360354	BUSHING	1	
22	59360677	NUT	1	
23	59360669	WASHER	1	
24	59932418	HANDLE	1	
26	59026047	SERVO ARM ASSY	1	

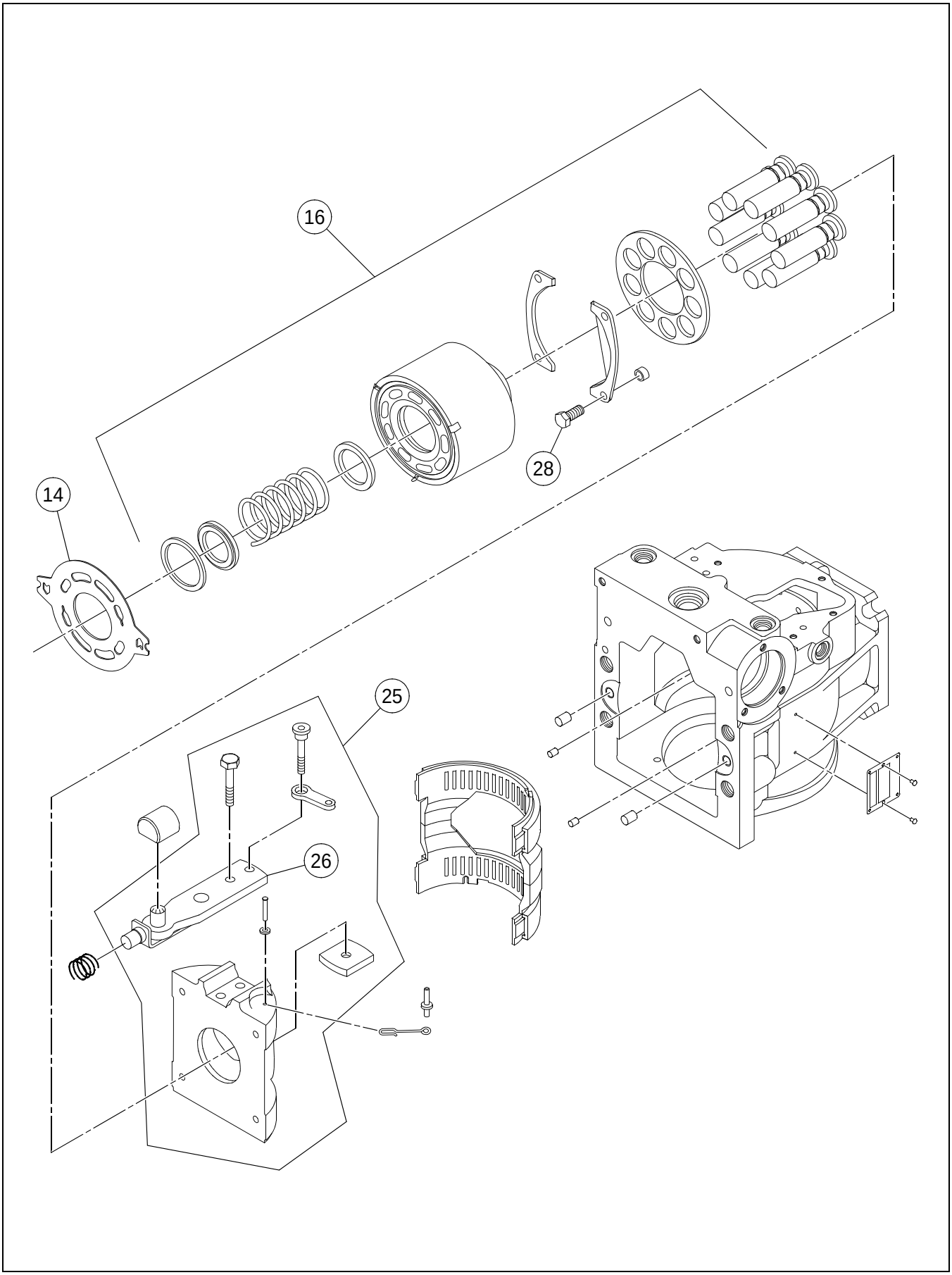
13321369 REV 00



BOM 13321369

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	58921495	VALVE ASSEMBLY	2	
-	95210258	- O-RING	2	
-	59360735	- O-RING	2	
2	59446138	CHARGE RELIEF KIT	1	
3	58795766	CONTROL FILTER SCREEN	3	
4	59231787	SHAFT SEAL ASSEMBLY	1	
5	58795766	CONTROL FILTER SCREEN	1	
6	59360511	COUPLING	1	
7	58918590	CHARGE PUMP COVER	1	
8	58918558	CHARGE PUMP SET	1	
9	59360461	PIN	1	
10	13248026	CHARGE PUMP SHAFT	1	
11	59360487	KEY	1	
12	59034470	PLUG, SPECIAL	1	
13	58881863	O-RING	1	
14	13466230	VALVE PLATE	1	
17	59384347	SHAFT	1	
18	59231811	ROLLER BEARING	1	
19	59343269	RETAINING RING	1	
20	59360347	BEARING	1	
21	59360354	BUSHING	1	
22	59360677	NUT	1	
23	59360669	WASHER	1	
24	59932418	HANDLE	1	
26	59026047	SERVO ARM ASSY	1	

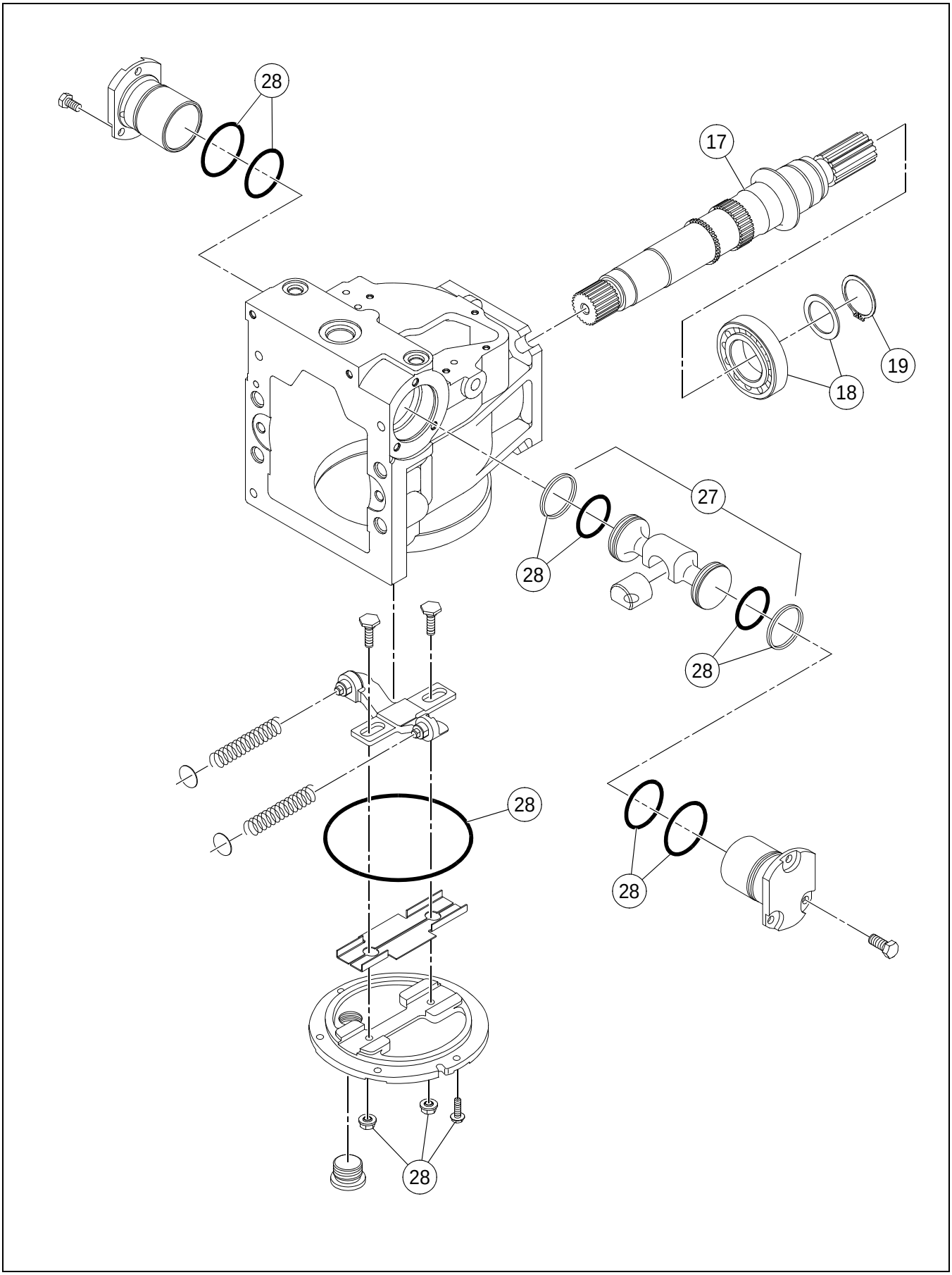
13321369 REV 00



BOM 13321369

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	58921495	VALVE ASSEMBLY	2	
-	95210258	- O-RING	2	
-	59360735	- O-RING	2	
2	59446138	CHARGE RELIEF KIT	1	
3	58795766	CONTROL FILTER SCREEN	3	
4	59231787	SHAFT SEAL ASSEMBLY	1	
5	58795766	CONTROL FILTER SCREEN	1	
6	59360511	COUPLING	1	
7	58918590	CHARGE PUMP COVER	1	
8	58918558	CHARGE PUMP SET	1	
9	59360461	PIN	1	
10	13248026	CHARGE PUMP SHAFT	1	
11	59360487	KEY	1	
12	59034470	PLUG, SPECIAL	1	
13	58881863	O-RING	1	
14	13466230	VALVE PLATE	1	
17	59384347	SHAFT	1	
18	59231811	ROLLER BEARING	1	
19	59343269	RETAINING RING	1	
20	59360347	BEARING	1	
21	59360354	BUSHING	1	
22	59360677	NUT	1	
23	59360669	WASHER	1	
24	59932418	HANDLE	1	
26	59026047	SERVO ARM ASSY	1	

13321369 REV 00

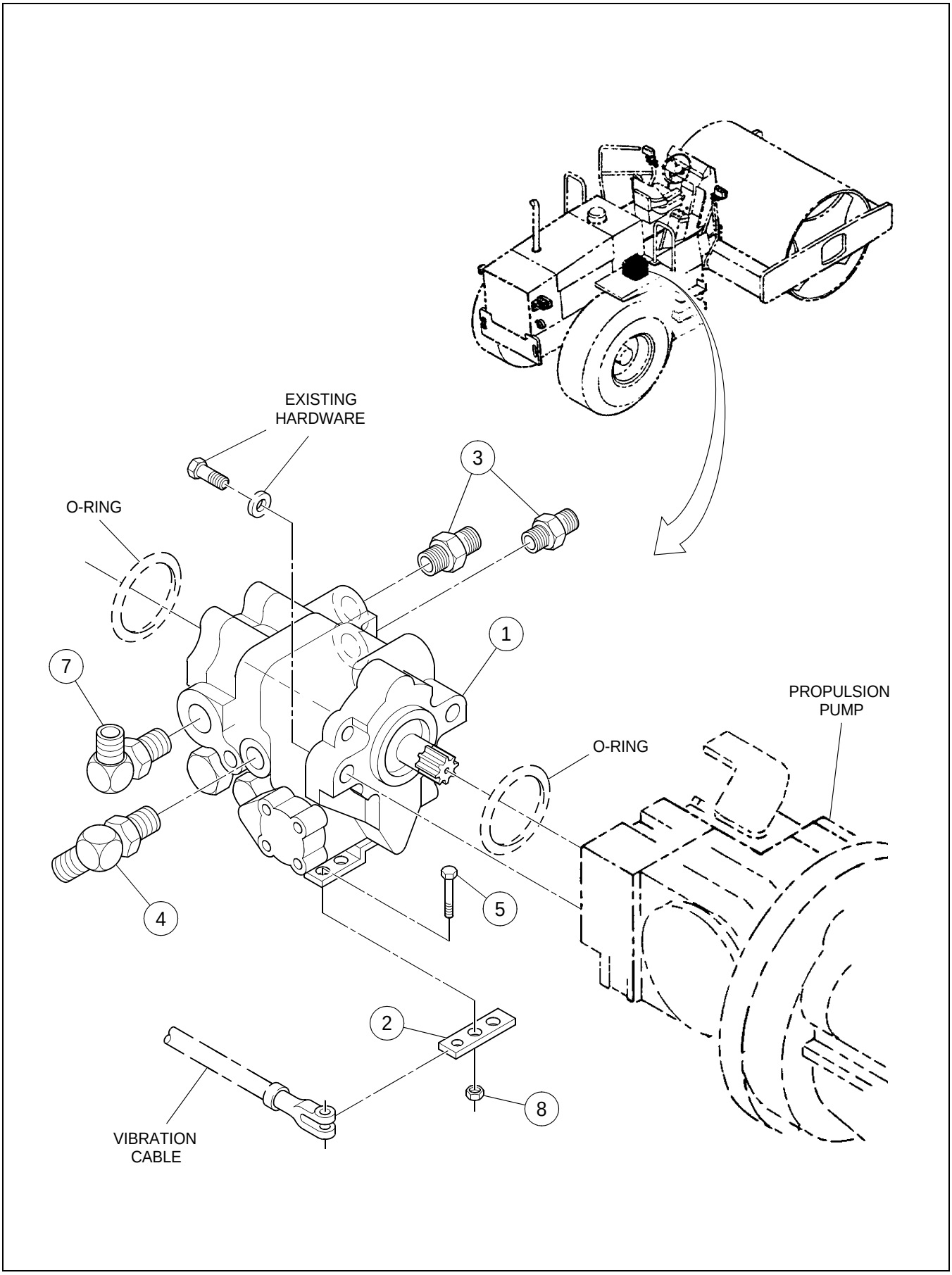


BOM 13321369

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	58921495	VALVE ASSEMBLY	2	
-	95210258	- O-RING	2	
-	59360735	- O-RING	2	
2	59446138	CHARGE RELIEF KIT	1	
3	58795766	CONTROL FILTER SCREEN	3	
4	59231787	SHAFT SEAL ASSEMBLY	1	
5	58795766	CONTROL FILTER SCREEN	1	
6	59360511	COUPLING	1	
7	58918590	CHARGE PUMP COVER	1	
8	58918558	CHARGE PUMP SET	1	
9	59360461	PIN	1	
10	13248026	CHARGE PUMP SHAFT	1	
11	59360487	KEY	1	
12	59034470	PLUG, SPECIAL	1	
13	58881863	O-RING	1	
14	13466230	VALVE PLATE	1	
17	59384347	SHAFT	1	
18	59231811	ROLLER BEARING	1	
19	59343269	RETAINING RING	1	
20	59360347	BEARING	1	
21	59360354	BUSHING	1	
22	59360677	NUT	1	
23	59360669	WASHER	1	
24	59932418	HANDLE	1	
26	59026047	SERVO ARM ASSY	1	

VIBRATION PUMP SUB-ASSEMBLY

59279687 REV 02

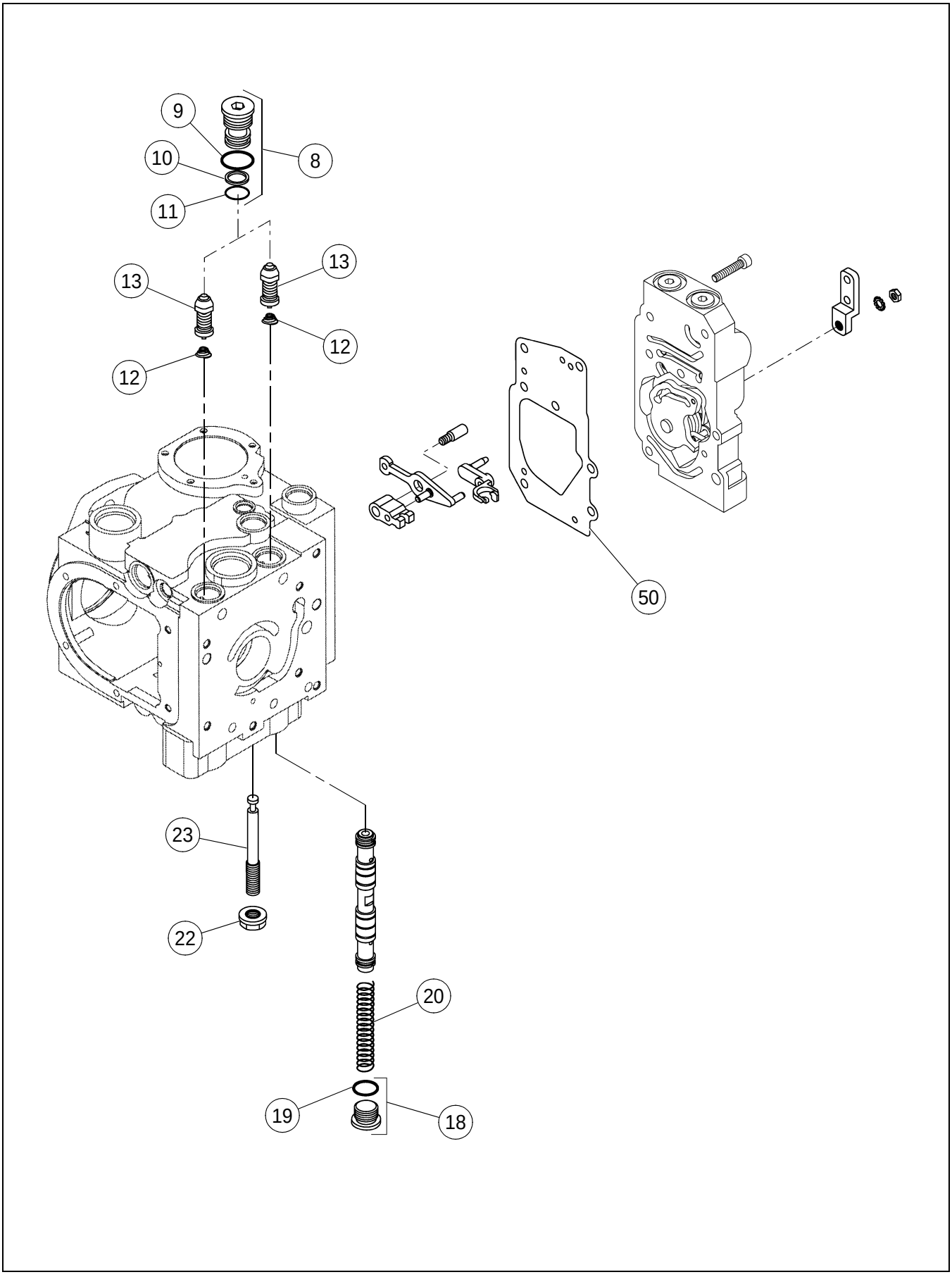


VIBRATION PUMP SUB-ASSEMBLY

BOM 59279687

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	**NSVA**	**VARIABLE PISTON PUMP**	**1**	**See Page C - 30.**
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

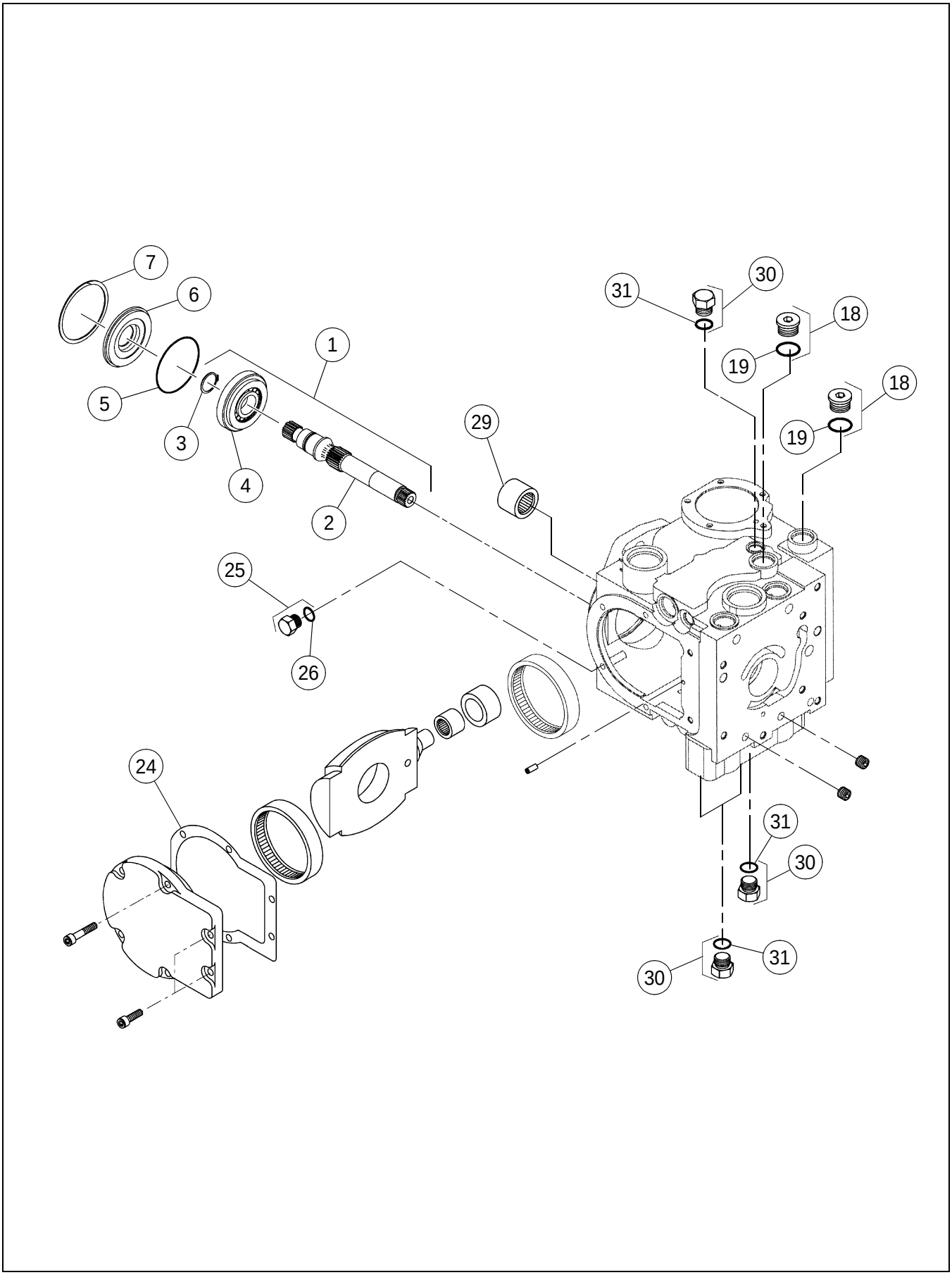


VARIABLE PISTON PUMP - SHEET 1 OF 3

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	
36	59194043	RETAINING RING	1	
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	

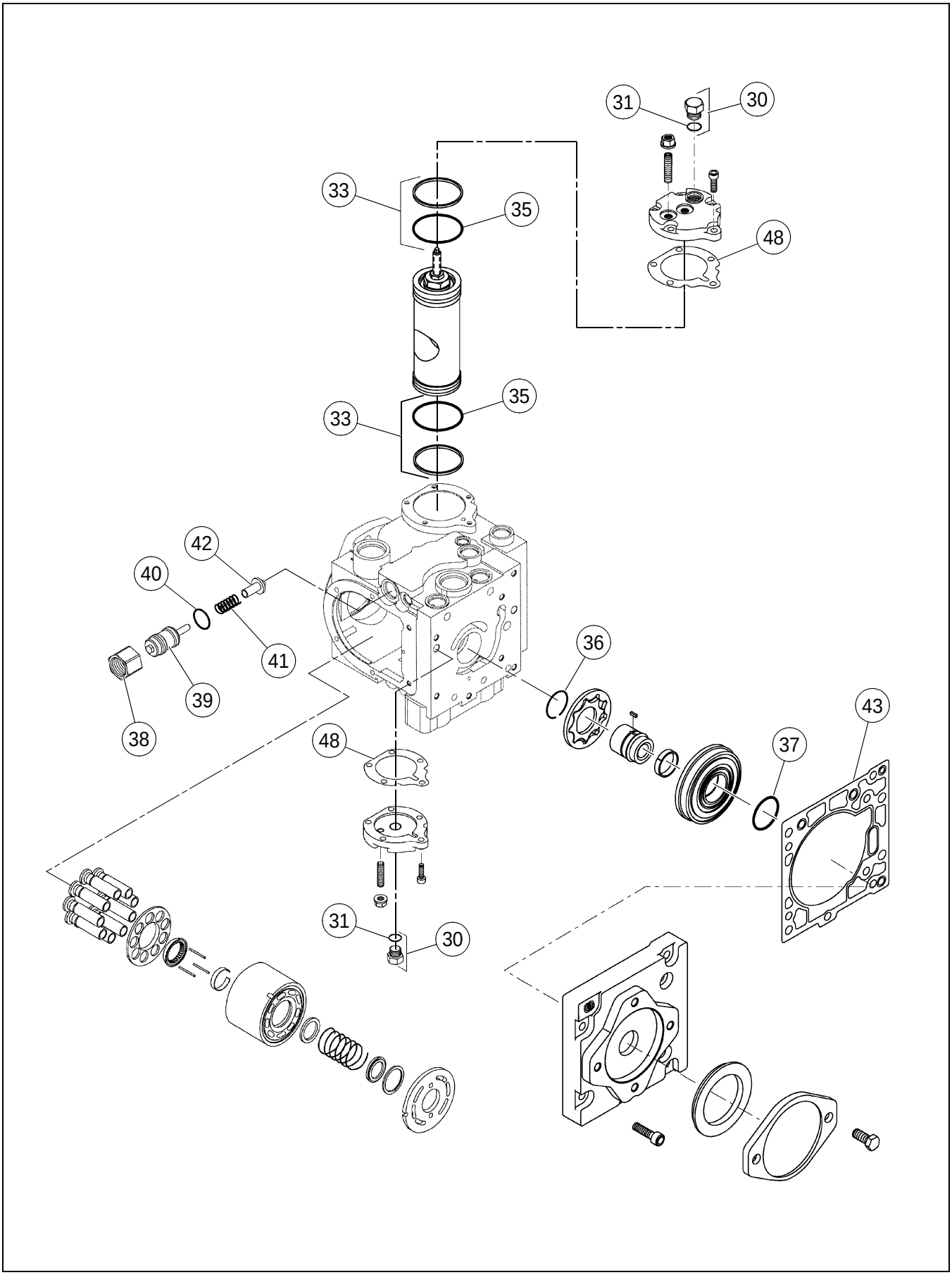
13244843 REV 01



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	
36	59194043	RETAINING RING	1	
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	

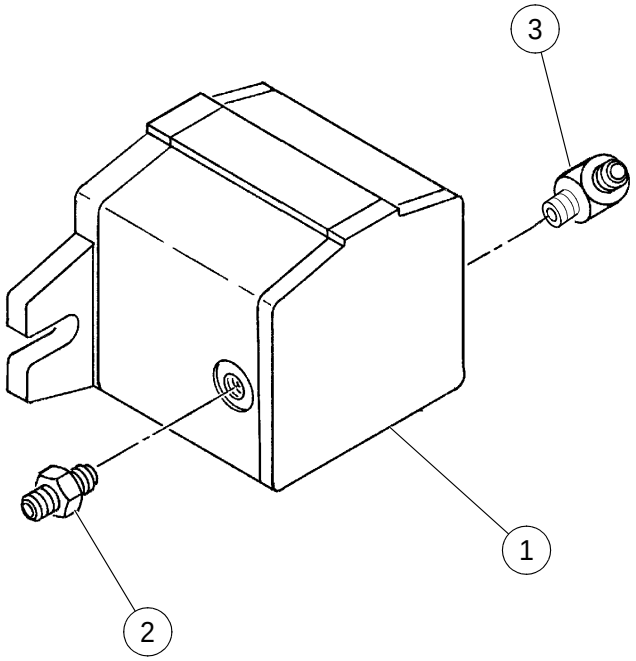
13244843 REV 01



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	
36	59194043	RETAINING RING	1	
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	

59122671 REV 01

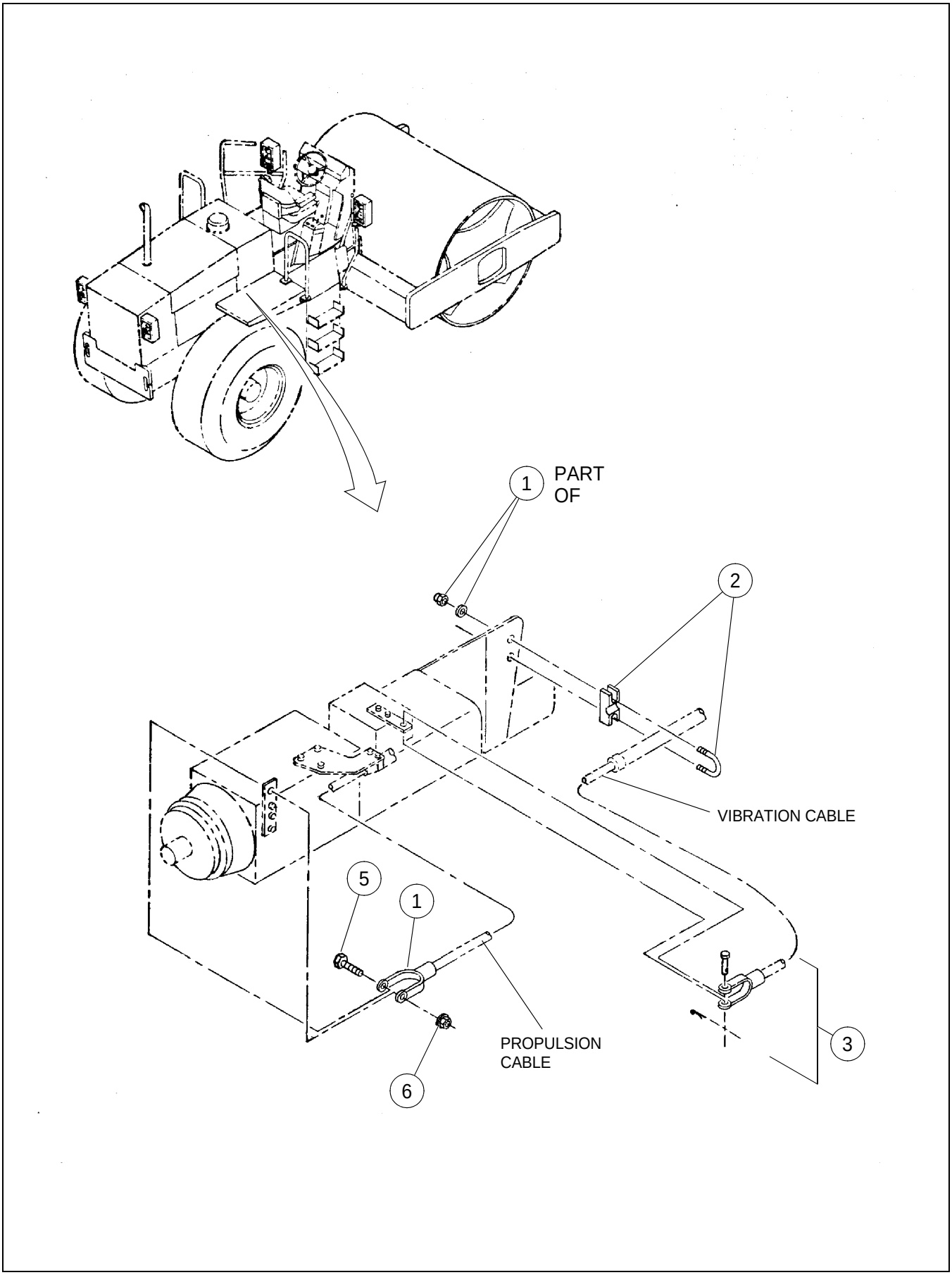


STEERING PUMP ASSEMBLY

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	

59320671 REV 03

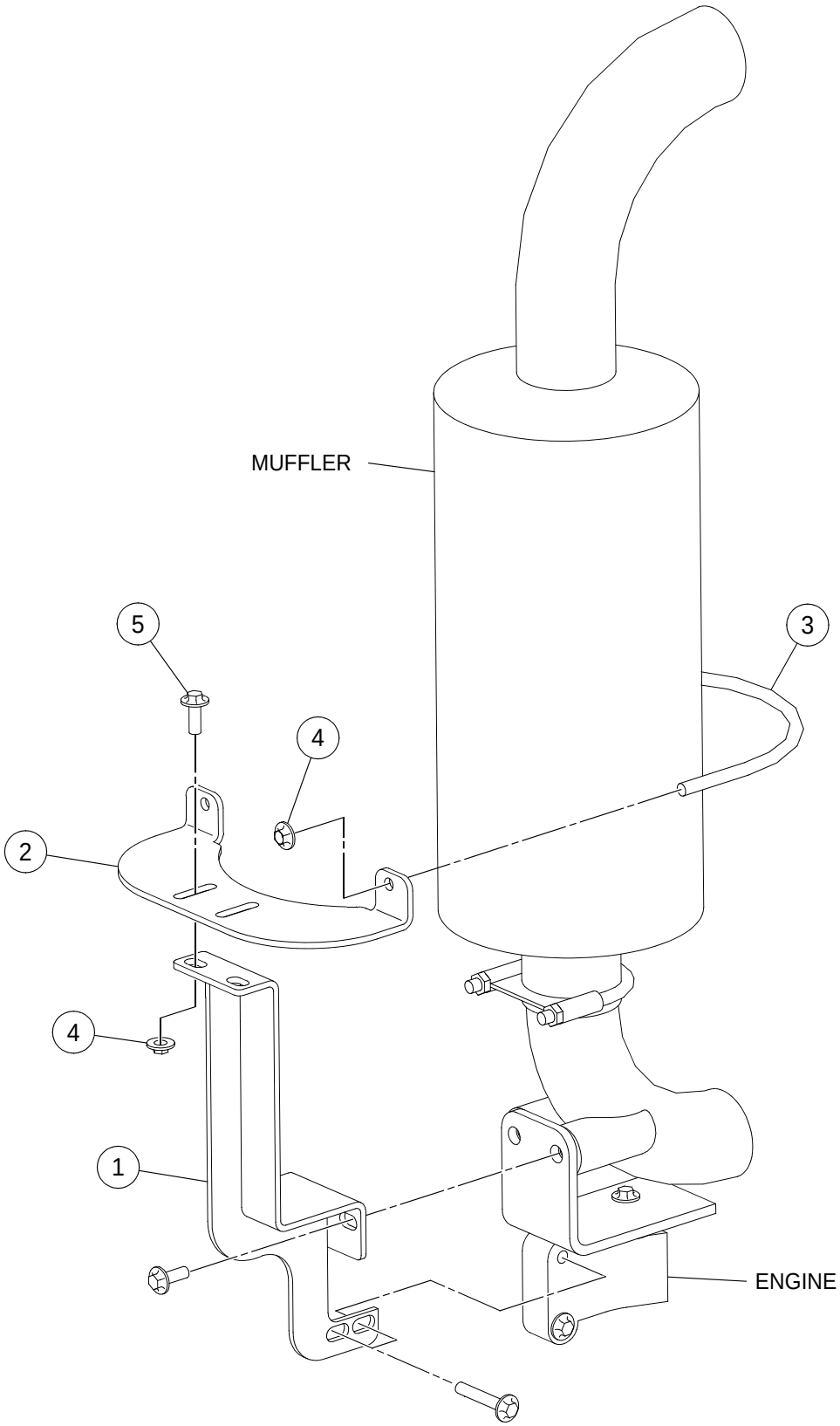


BOM 59320671

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



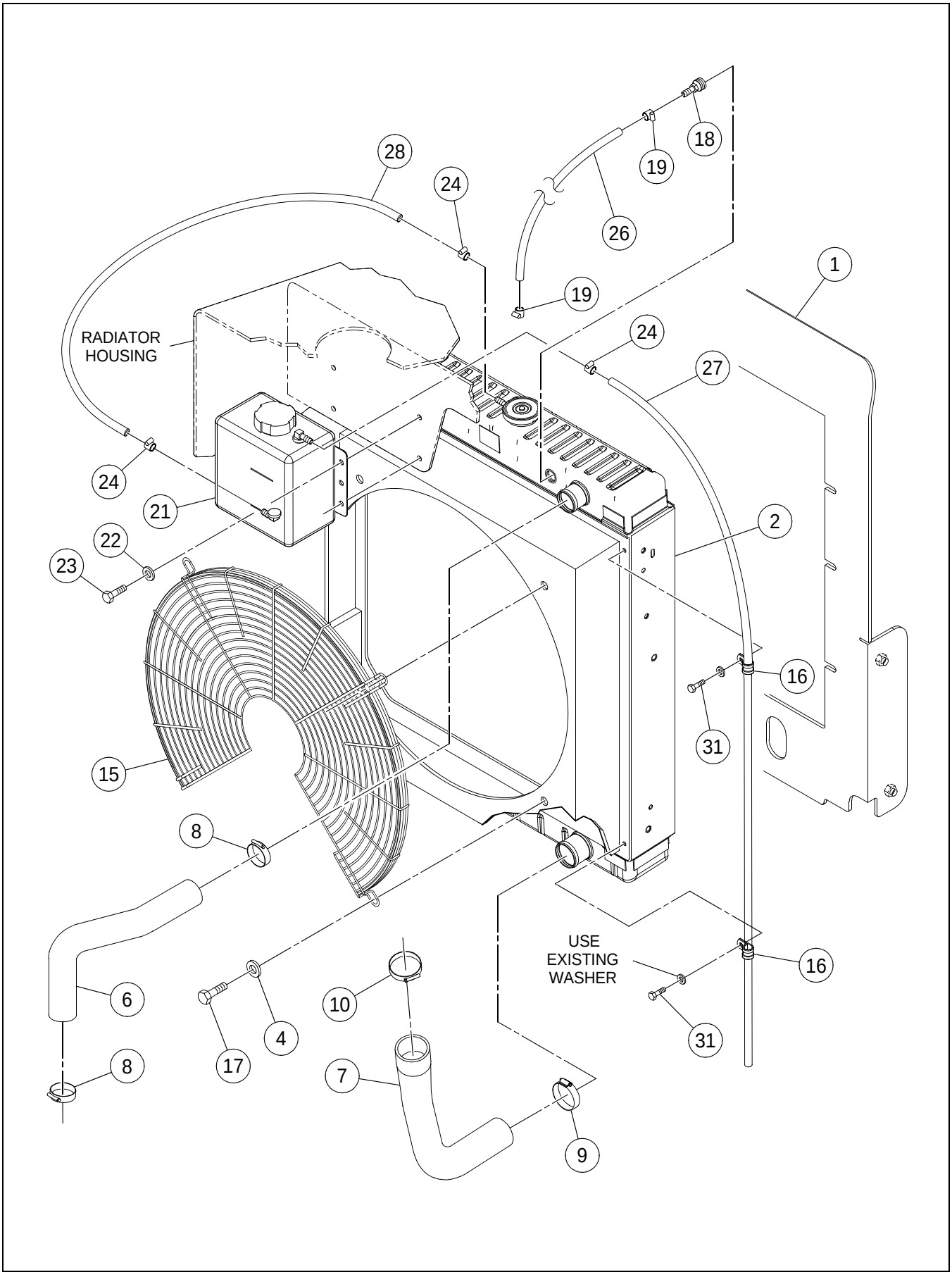
MUFFLER BRACKET INSTALLATION

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

RADIATOR/OIL COOLER INSTALLATON - SHEET 1 OF 2

13274337 REV 01

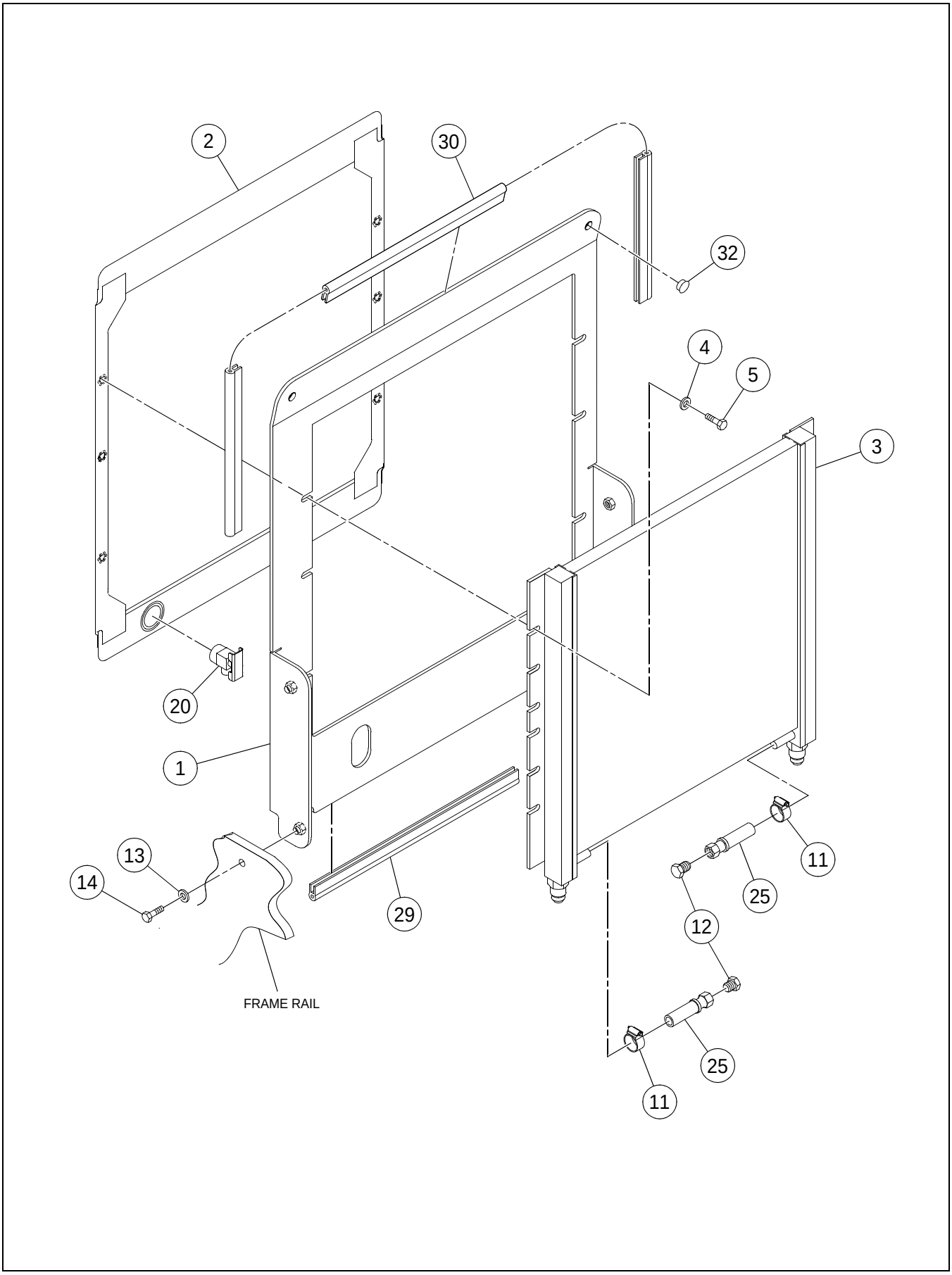


RADIATOR/OIL COOLER INSTALLATON - SHEET 1 OF 2

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, HARDENED	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	- COOLANT OVERFLOW BOTTLE CAP	1	
22	96741038	FLATWASHER	4	M8
23	96702824	HHCS CL 8.8,YEL ZN	4	M8-1.25X20
24	50274299	HOSE CLAMP	3	
25	59186338	HOSE ASSEMBLY	2	
26	59866491	HOSE	1	
27	58802877	HOSE ASSEMBLY	1	
28	59122531	HOSE ASSEMBLY	1	23.5"
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

BOM 13274337

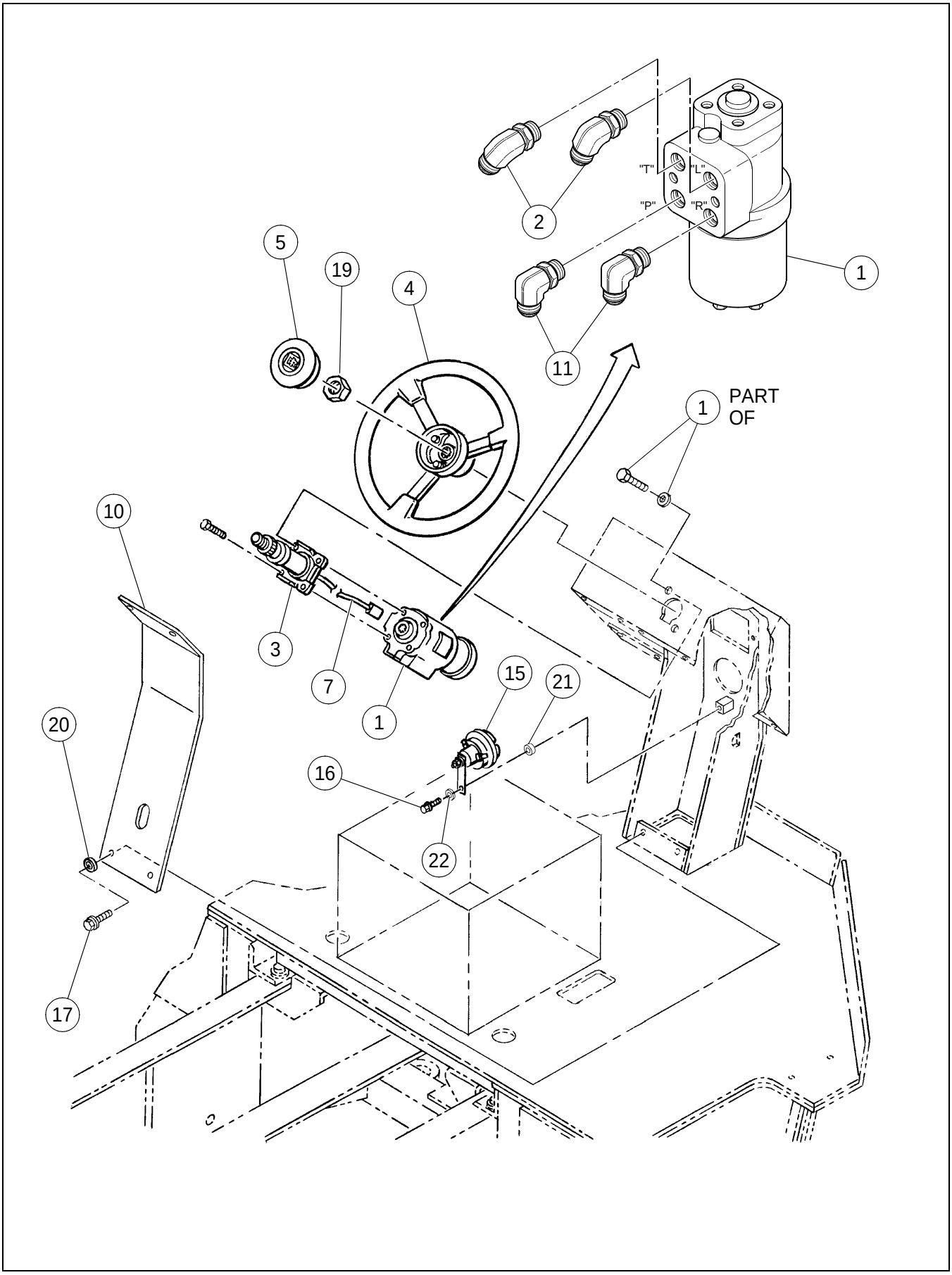
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	13273396	COOLER MOUNT	1	
2	13276266	RADIATOR	1	
-	59498790	- RADIATOR CAP	1	
3	13161690	OIL COOLER	1	
4	96711833	WASHER	10	M10
5	96702287	HHCS CL 8.8,YEL ZN	6	M10-1.5X25
6	13274048	RADIATOR HOSR, TOP	1	
7	13274055	RADIATOR HOSE, BOTTOM	1	
8	95220893	CLAMP	2	
9	95278008	CLAMP	1	
10	95286266	CLAMP	1	
11	95090106	WORM CLAMP	2	
12	95404414	PLUG	2	
13	96738596	FLATWASHER, HARDENED	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	- COOLANT OVERFLOW BOTTLE CAP	1	
22	96741038	FLATWASHER	4	M8
23	96702824	HHCS CL 8.8,YEL ZN	4	M8-1.25X20
24	50274299	HOSE CLAMP	3	
25	59186338	HOSE ASSEMBLY	2	
26	59866491	HOSE	1	
27	58802877	HOSE ASSEMBLY	1	
28	59122531	HOSE ASSEMBLY	1	23.5"
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 Ingersoll-Rand Replacement parts!*

Section D - OPERATORS COMPARTMENT

STEERING WHEEL AND HORN INSTALLATION

59114868 REV 03

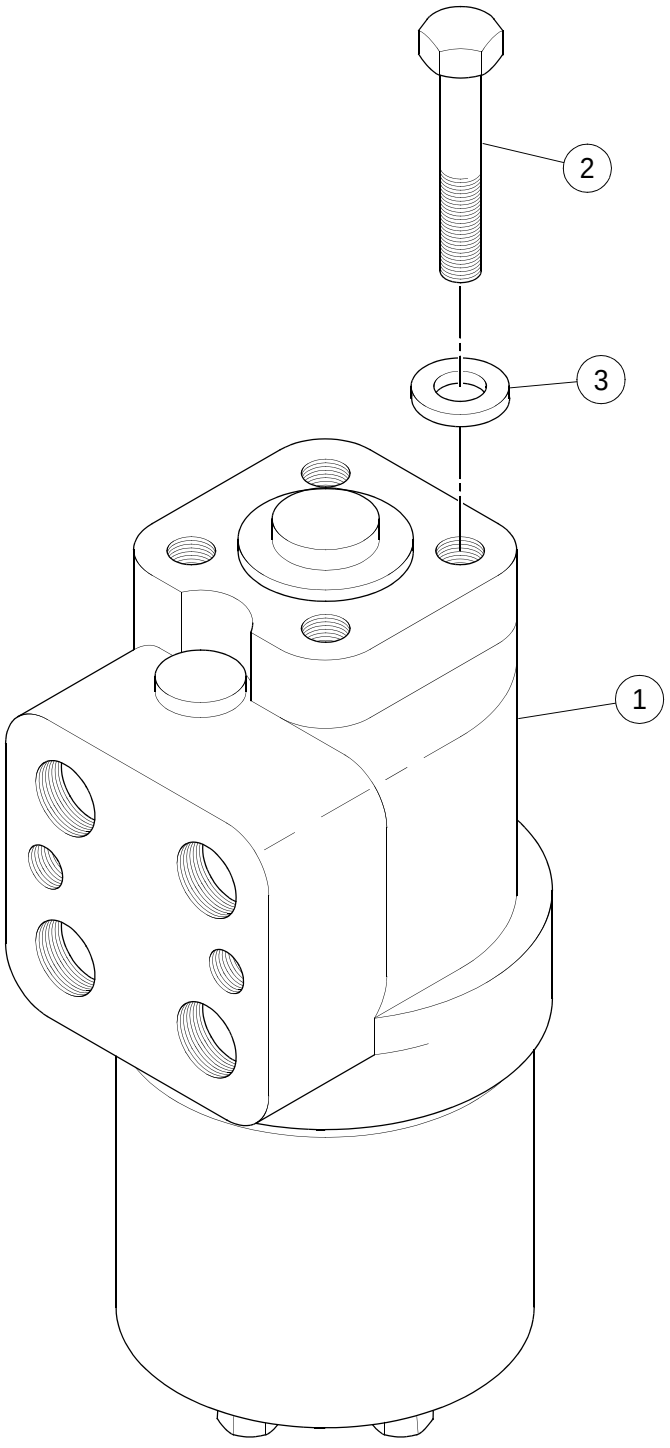


BOM 59114868

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	**NSVA**	**STEERING VALVE SUB-ASSEMBLY**	**1**	**See Page D - 4.**
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 - 6.**
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	FLATWASHER	4	M10
21	59177220	HORN SPACER	1	
22	96741020	FLATWASHER	1	M8

STEERING VALVE SUB-ASSEMBLY

13159959 REV 00



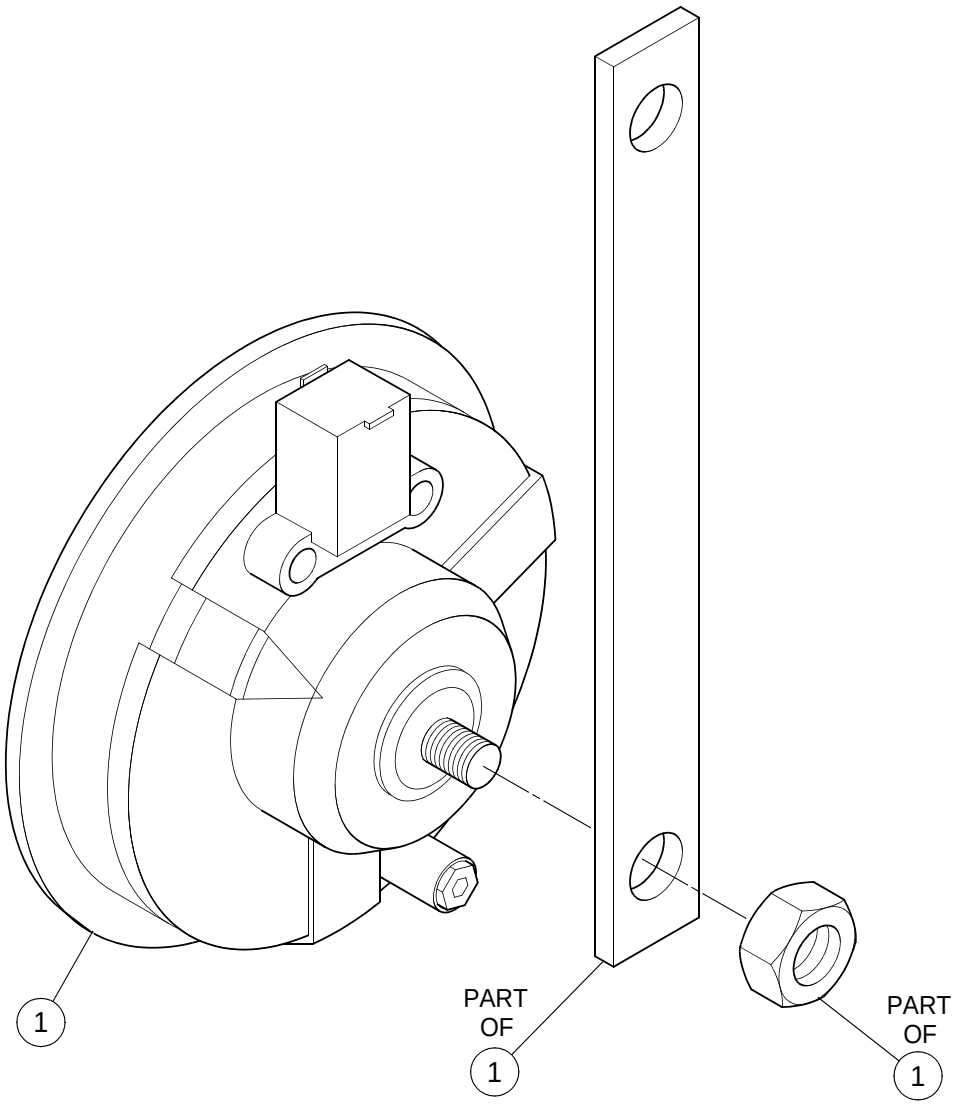
STEERING VALVE SUB-ASSEMBLY

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	M10

HORN ASSEMBLY

59162735 REV 02



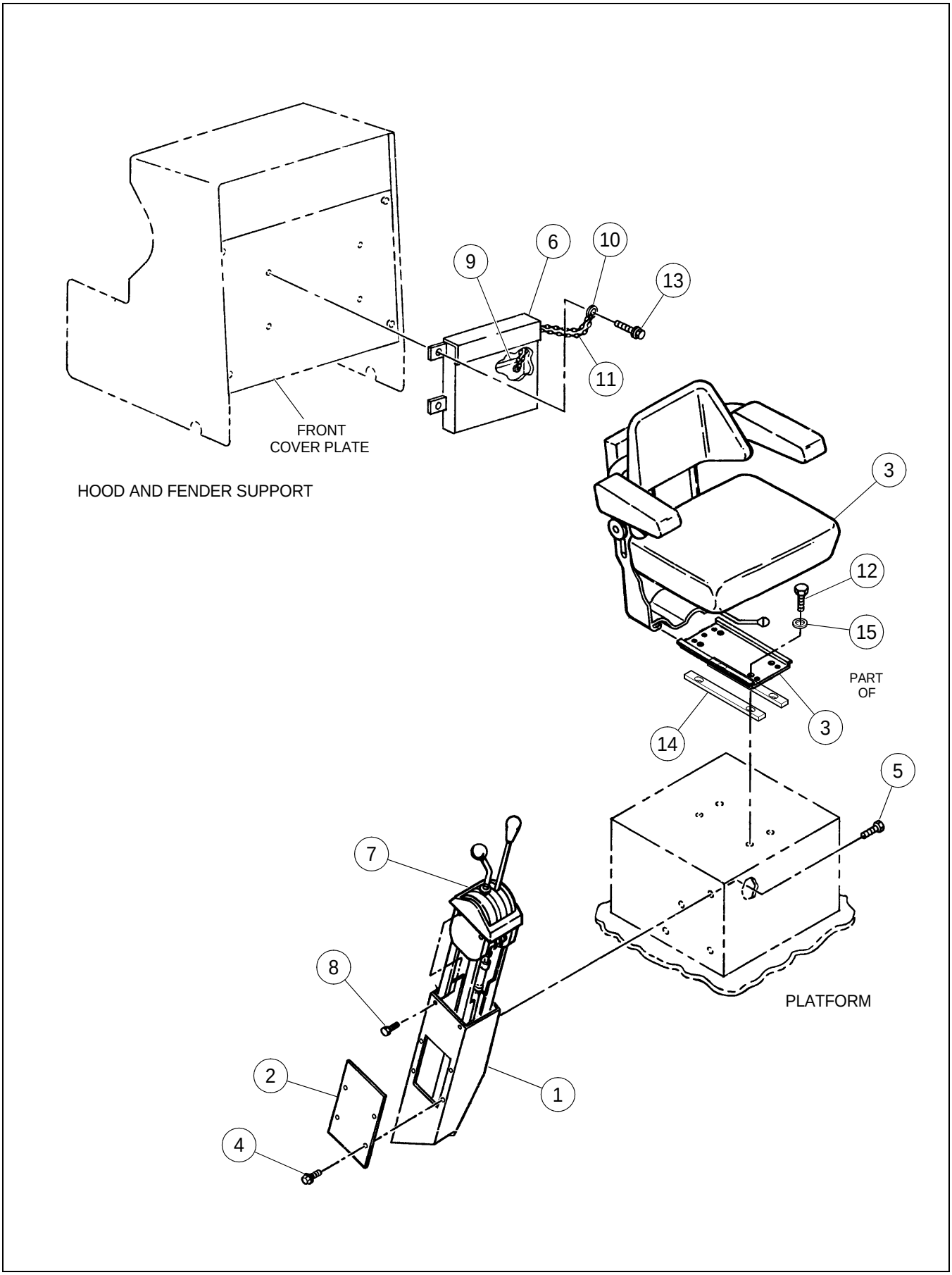
HORN ASSEMBLY

BOM 59162735

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

SEAT INSTALLATION - SHEET 1 OF 3

13222773 REV 02

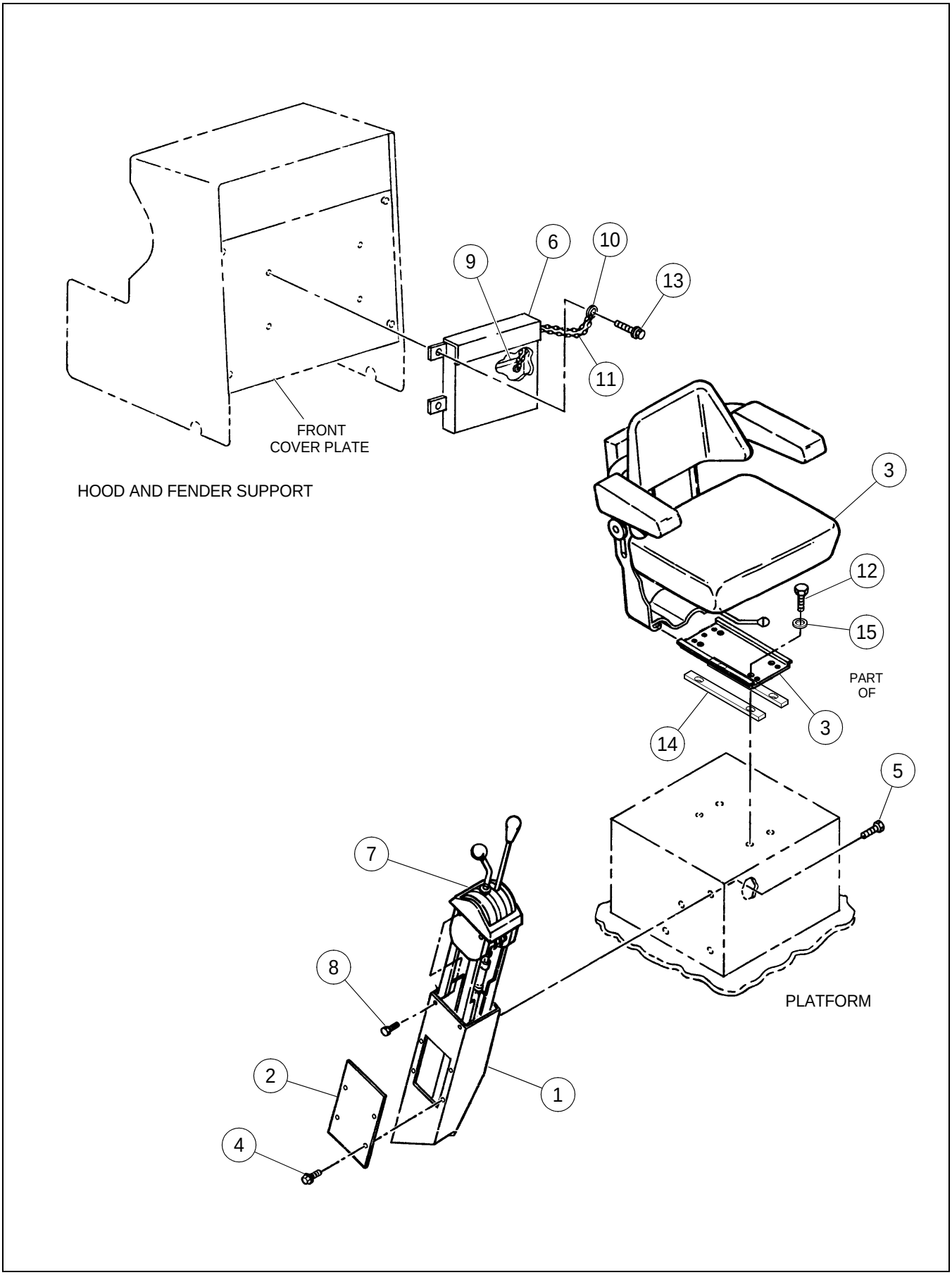


SEAT INSTALLATION - SHEET 1 OF 3

BOM 13222773

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	13222781	CONTROL BOX	1	
2	13222807	COVER PLATE	1	

13222773 REV 02



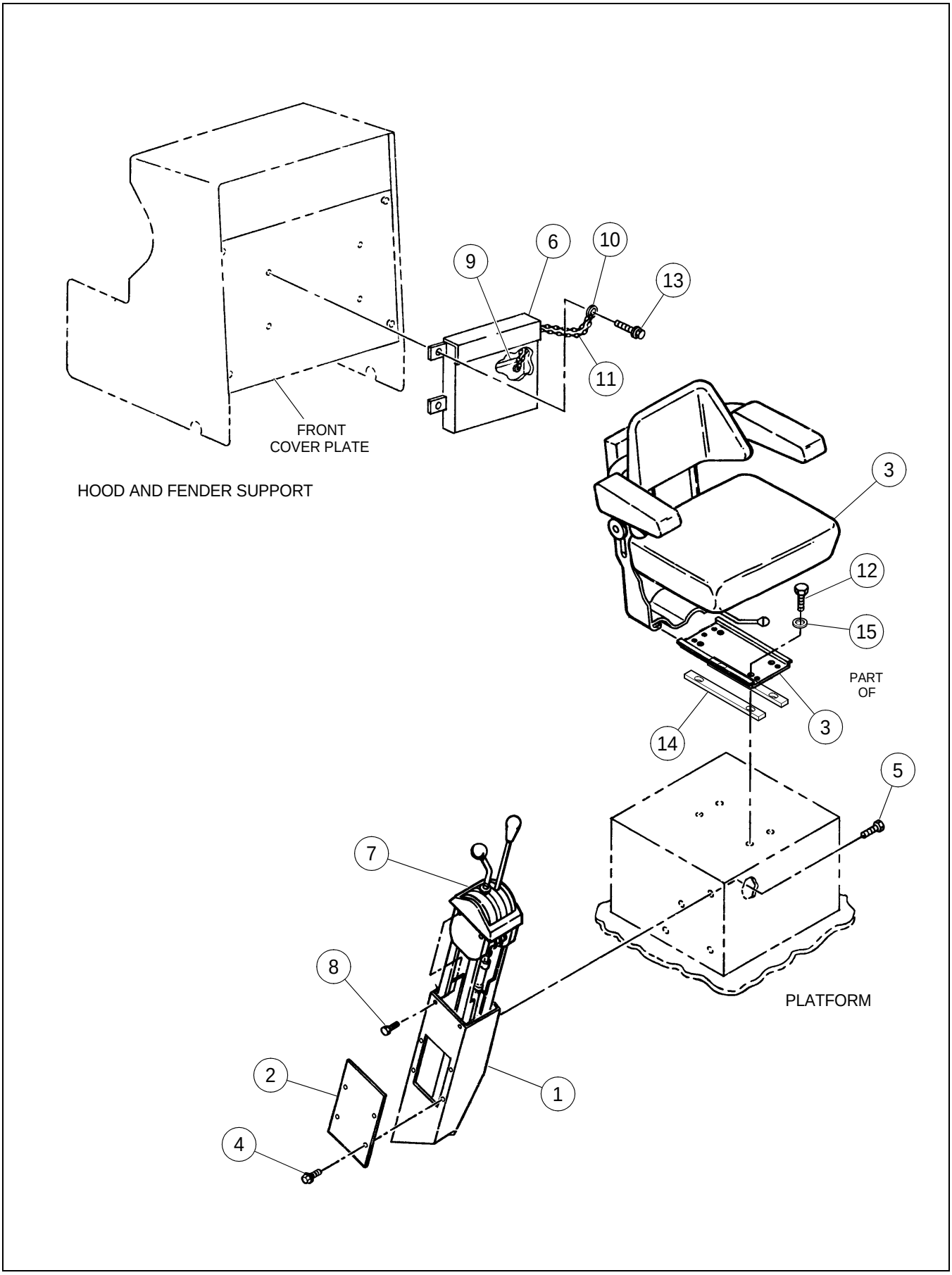
SEAT INSTALLATION - SHEET 2 OF 3

BOM 13222773

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
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	

SEAT INSTALLATION - SHEET 3 OF 3

13222773 REV 02

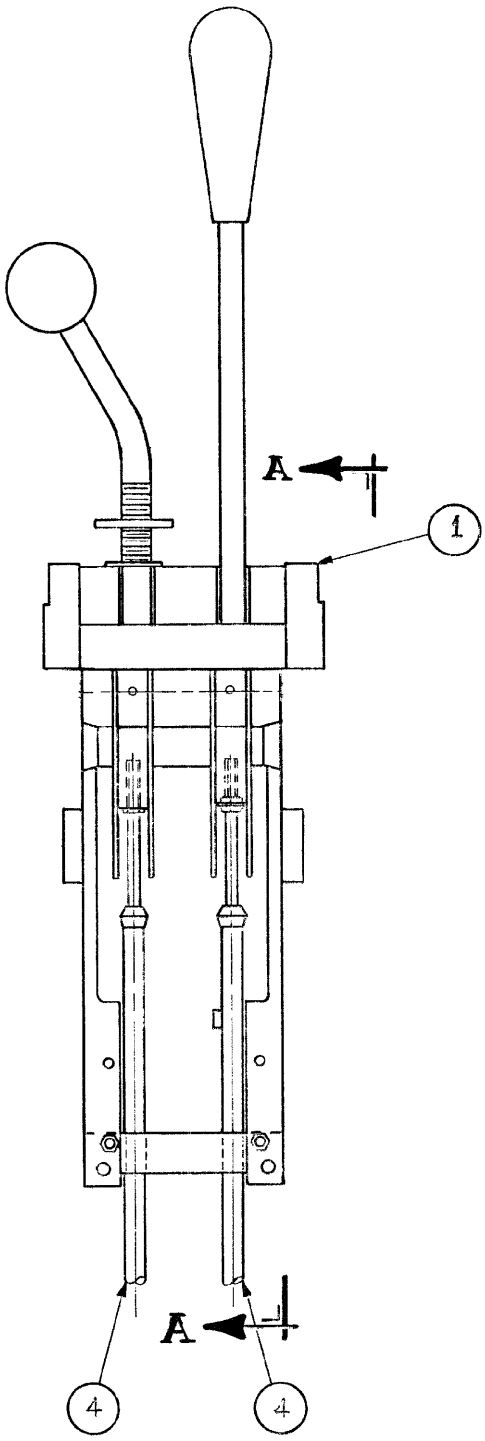


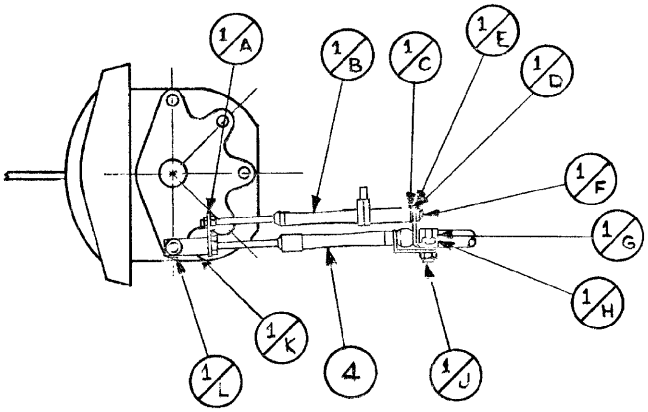
SEAT INSTALLATION - SHEET 3 OF 3

BOM 13222773

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
4	96704531	BOLT	4	M6X16
5	96704432	WHIZ BOLT	4	M10X20
6	59862938	MANUAL POUCH	1	
7	**NSVA**	**CONTROL ASSEMBLY**	**1**	**See Page D - 14.**
8	59965962	WHIZ LOCK BOLT	4	
9	58950932	SAFETY MANUAL	1	
10	58880303	SPLIT RING	1	
11	58880311	CHAIN	1	
12	96708078	HHCS	4	M8X1.25
13	96719190	HHCS	4	M6X20
14	13256219	SPACER	2	
15	96741038	FLATWASHER	4	M8

59807594 REV 04





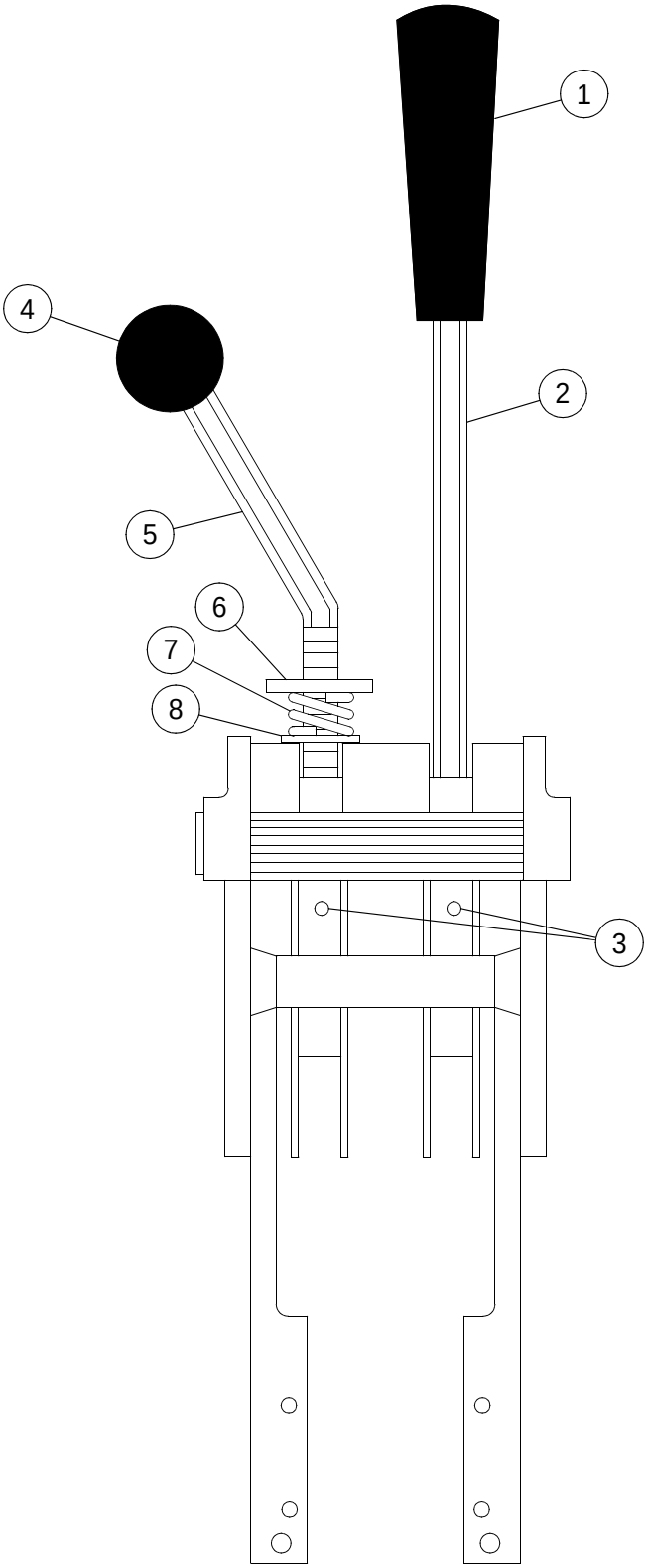
SECTION "A-A"
SCALE: NONE
ROTATED 90° CCW

CONTROL ASSEMBLY

BOM 59807594

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	**NSVA**	**CONTROL**	**1**	**See Page D - 16.**
4	59815431	CABLE	2	

59815449 REV 03

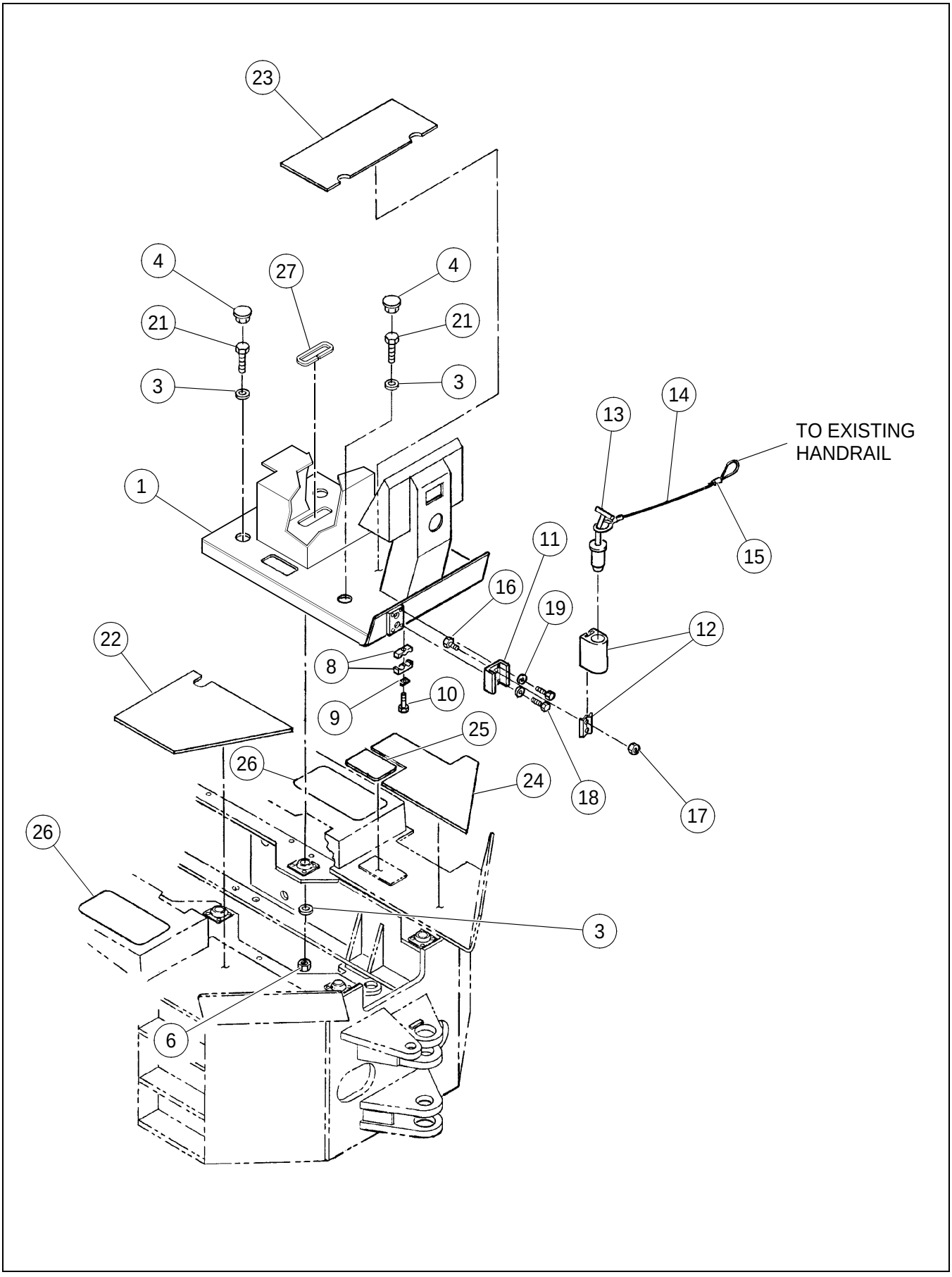


BOM 59815449

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	

OPERATORS PLATFORM INSTALLATION

59114876 REV 06



OPERATORS PLATFORM INSTALLATION

BOM 13207097

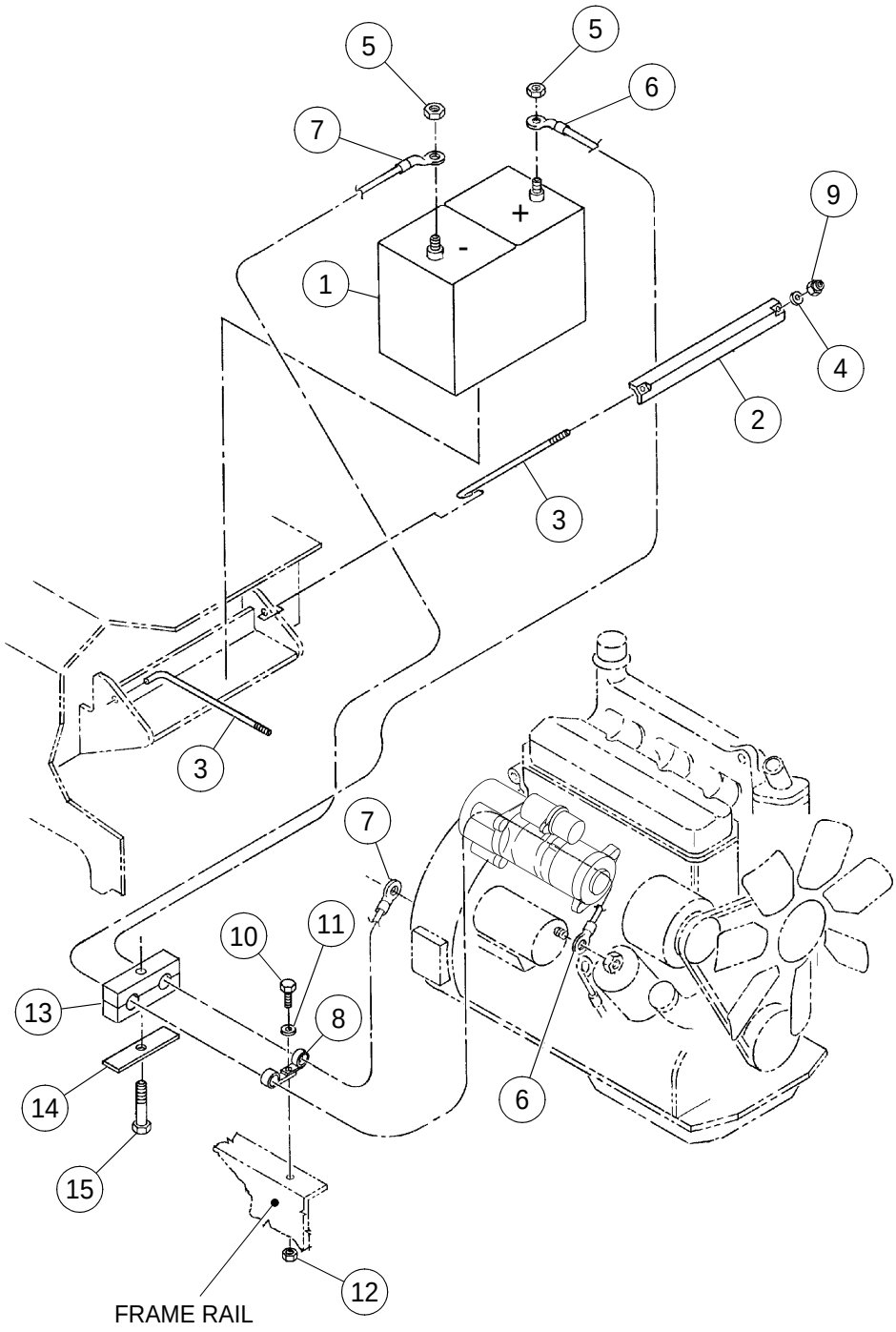
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	13241971	PLATFORM	1	
-	13161500	- CONSOLE WELD	1	
-	59117861	- BATTERY SUPPORT WELD	1	
-	59583427	- PLATE	1	
3	96701545	WASHER	8	
4	58877705	PLATFORM PLUG	4	
6	96704291	HEX NUT	4	M12
8	59618579	CLAMP INSERT	4	
9	59583500	COVER PLATE	2	
10	96705553	HHCS 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	M6
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	

Always use Ingersoll-Rand Replacement parts!*

Section E - ELECTRICAL

BATTERY INSTALLATION

59127654 REV 04



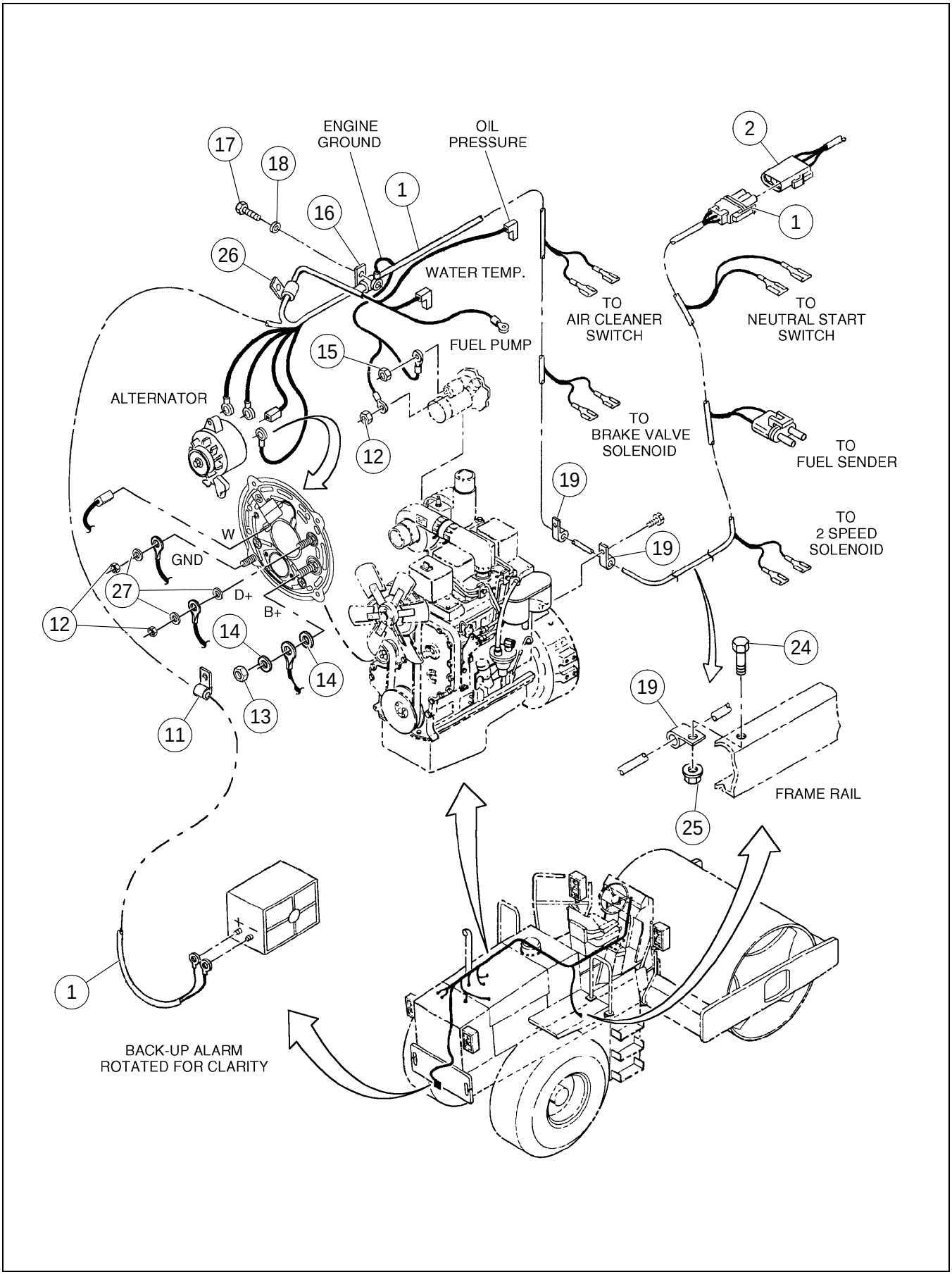
BATTERY INSTALLATION

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	M8
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	M8
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

WIRING HARNESS INSTALLATION - SHEET 1 OF 2

13289723 REV 01

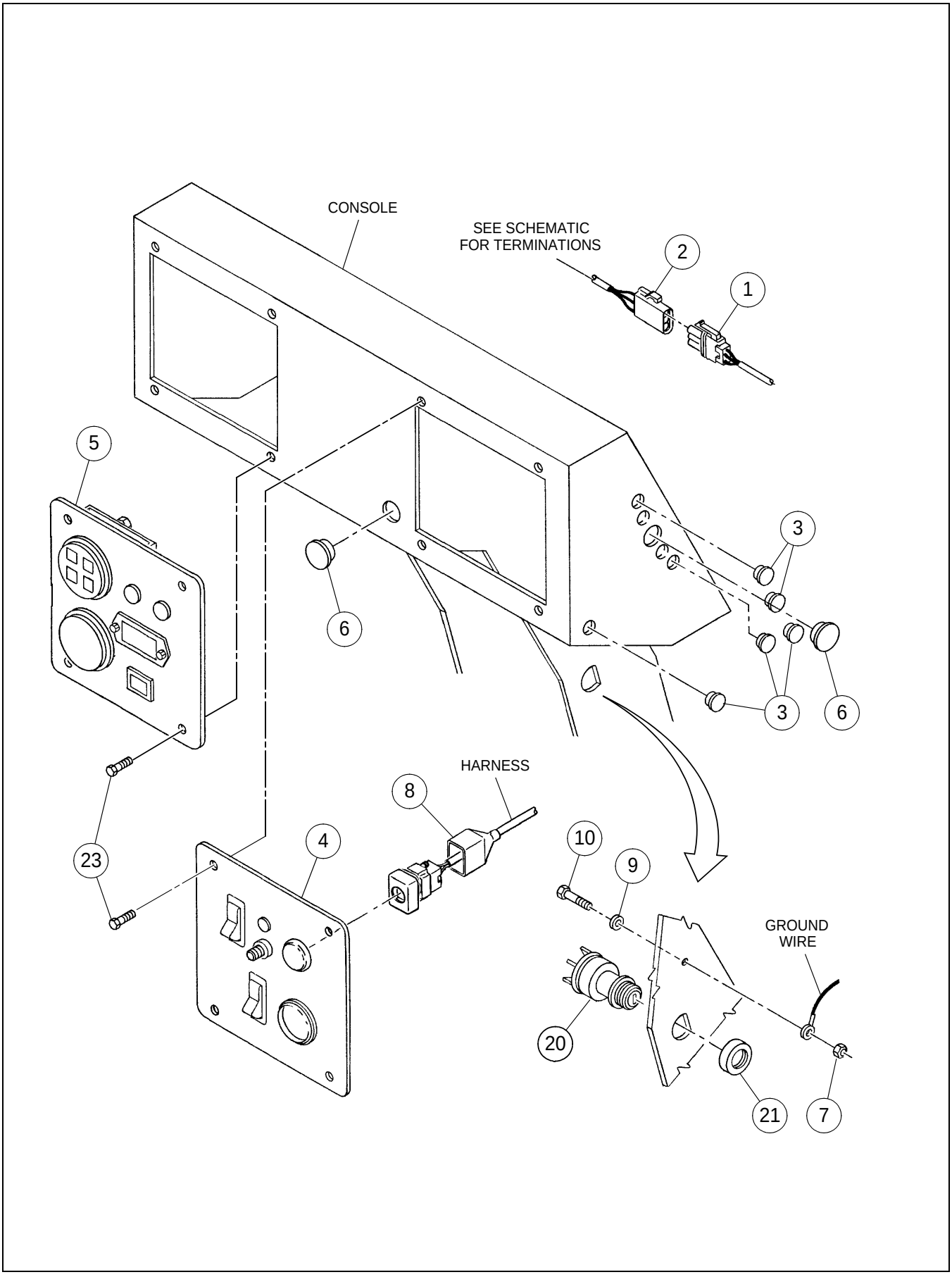


WIRING HARNESS INSTALLATION - SHEET 1 OF 2

BOM 13289723

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	13289707	HARNESS MAIN ***	1	
-	59020065	- ALTERNATOR DIODE	3	
-	58965377	- RELAY	1	
2	13470091	HARNESS, CONSOLE WIRING	1	
3	59813329	PLUG	10	
4	**NSVA**	**RH PANEL ASSEMBLY**	**1**	**See Page E - 8.**
5	**NSVA**	**LH PANEL ASSEMBLY**	**1**	**See Page E - 10.**
6	59326827	PLUG	3	
7	96704176	NUT	1	
8	59108605	DUST BOOT	1	
9	96741053	FLATWASHER	1	M6
10	96704564	HHCS CL 8.8,YEL ZN	1	M6-1X20
11	59661413	CLAMP	1	
12	96705132	HEX NUT	3	M5X.08
13	96701370	NUT	1	M8-1.25
14	96741038	FLATWASHER	2	M8
15	96704812	HEX NUT	1	
16	59103598	CLAMP	1	
17	96701495	HHCS CL 8.8,YEL ZN	1	M12-1.75X25
18	59995126	HARDENED WASHER	1	
19	59117333	CLAMP	3	
20	59126946	IGNITION SWITCH	1	
-	58917261	- KEY	1	
21	58924333	IGNITION SWITCH NUT	1	
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	96738554	FLATWASHER, HARDENED	3	

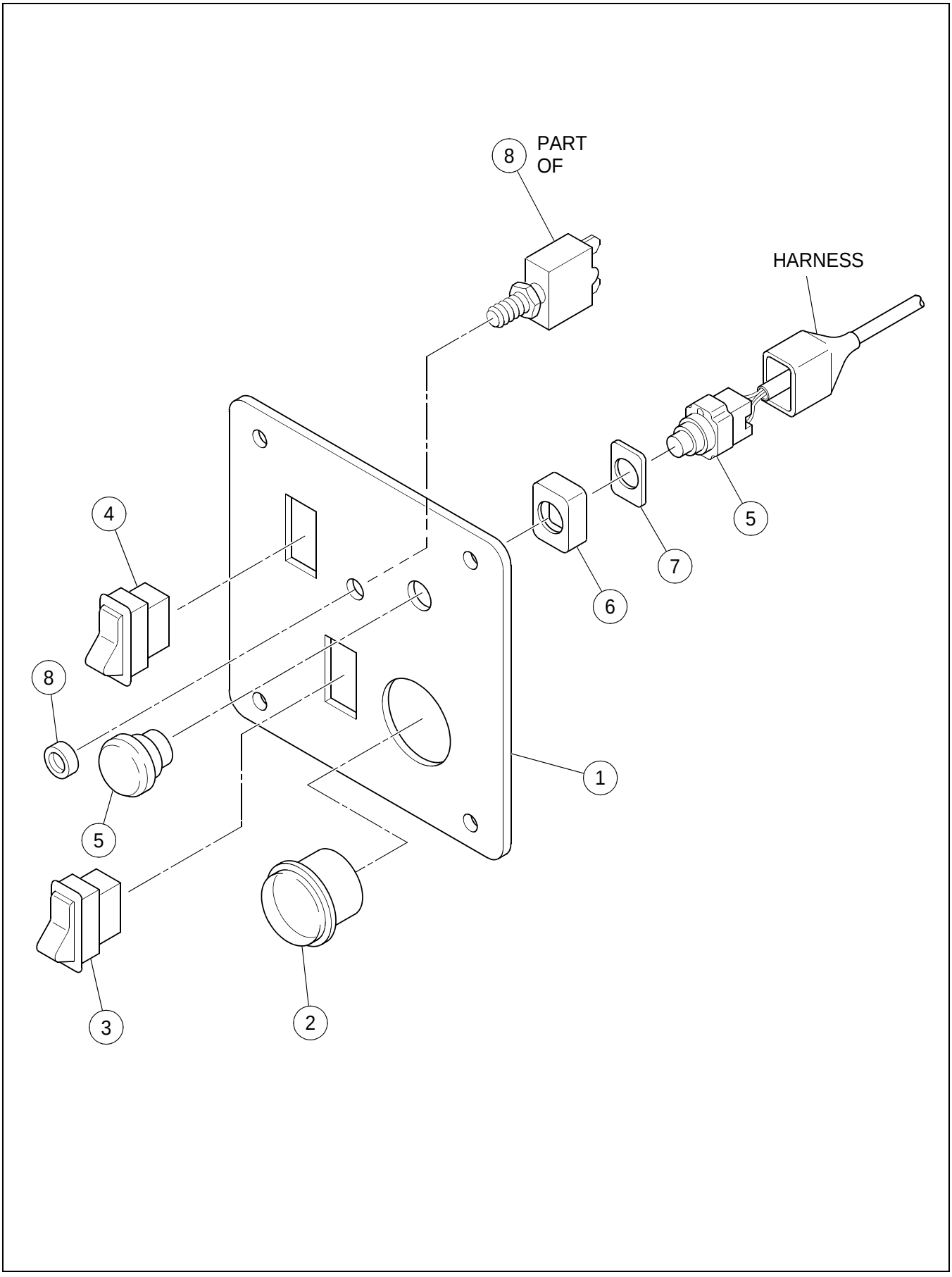
13289723 REV 01



BOM 13289723

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	13289707	HARNESS MAIN ***	1	
-	59020065	- ALTERNATOR DIODE	3	
-	58965377	- RELAY	1	
2	13470091	HARNESS, CONSOLE WIRING	1	
3	59813329	PLUG	10	
4	**NSVA**	**RH PANEL ASSEMBLY**	**1**	**See Page E - 8.**
5	**NSVA**	**LH PANEL ASSEMBLY**	**1**	**See Page E - 10.**
6	59326827	PLUG	3	
7	96704176	NUT	1	
8	59108605	DUST BOOT	1	
9	96741053	FLATWASHER	1	M6
10	96704564	HHCS CL 8.8,YEL ZN	1	M6-1X20
11	59661413	CLAMP	1	
12	96705132	HEX NUT	3	M5X.08
13	96701370	NUT	1	M8-1.25
14	96741038	FLATWASHER	2	M8
15	96704812	HEX NUT	1	
16	59103598	CLAMP	1	
17	96701495	HHCS CL 8.8,YEL ZN	1	M12-1.75X25
18	59995126	HARDENED WASHER	1	
19	59117333	CLAMP	3	
20	59126946	IGNITION SWITCH	1	
-	58917261	- KEY	1	
21	58924333	IGNITION SWITCH NUT	1	
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	96738554	FLATWASHER, HARDENED	3	

13289798 REV 01



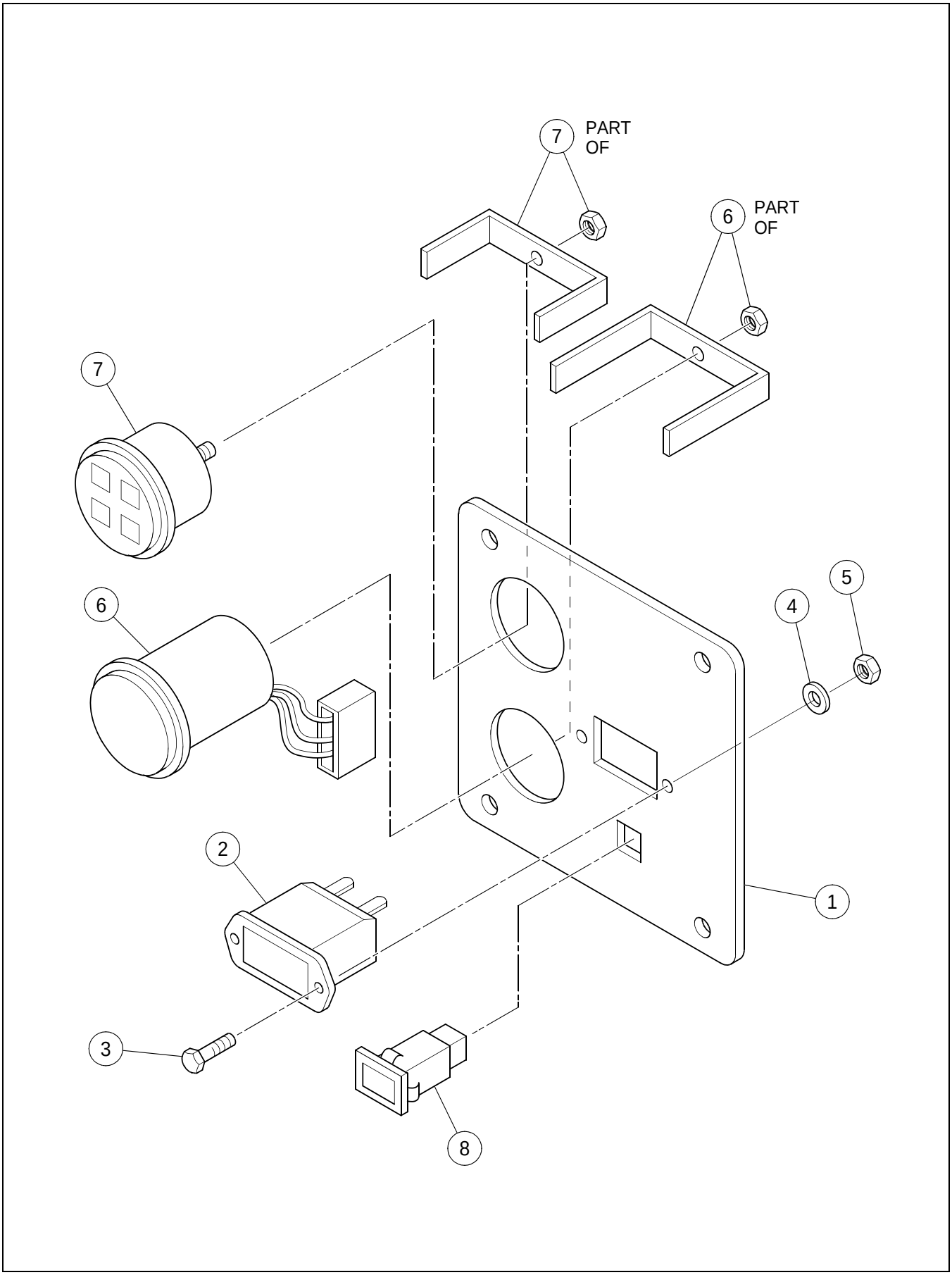
RH PANEL ASSEMBLY

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



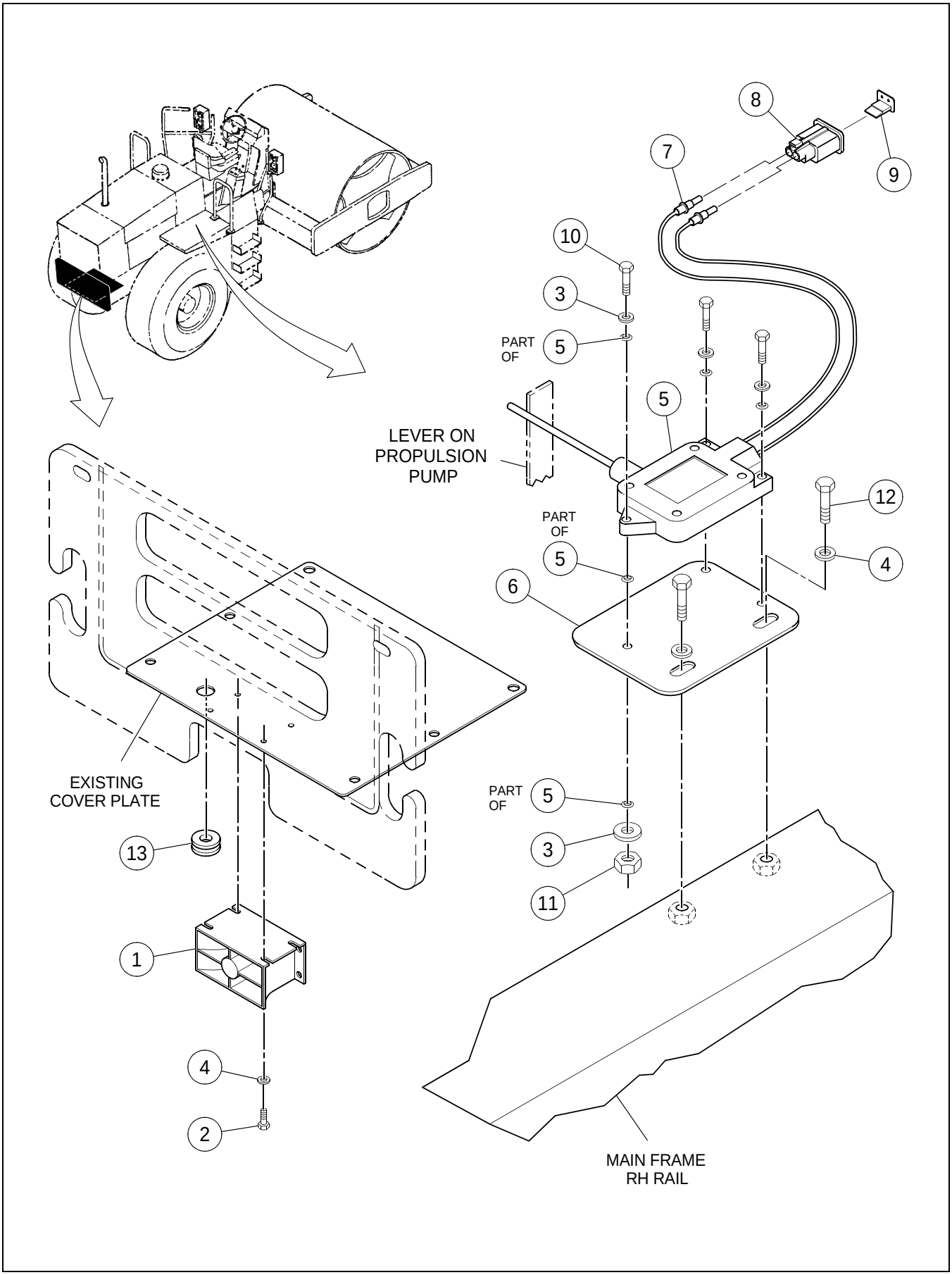
LH PANEL ASSEMBLY

BOM 13301403

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	13305370	PANEL, LH	1	
2	59165001	HOURMETER	1	
3	95932117	CAPSCREW	2	
4	95931341	LOCKWASHER	2	
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	

BACK-UP ALARM INSTALLATION

13289632 REV 00



BACK-UP ALARM INSTALLATION

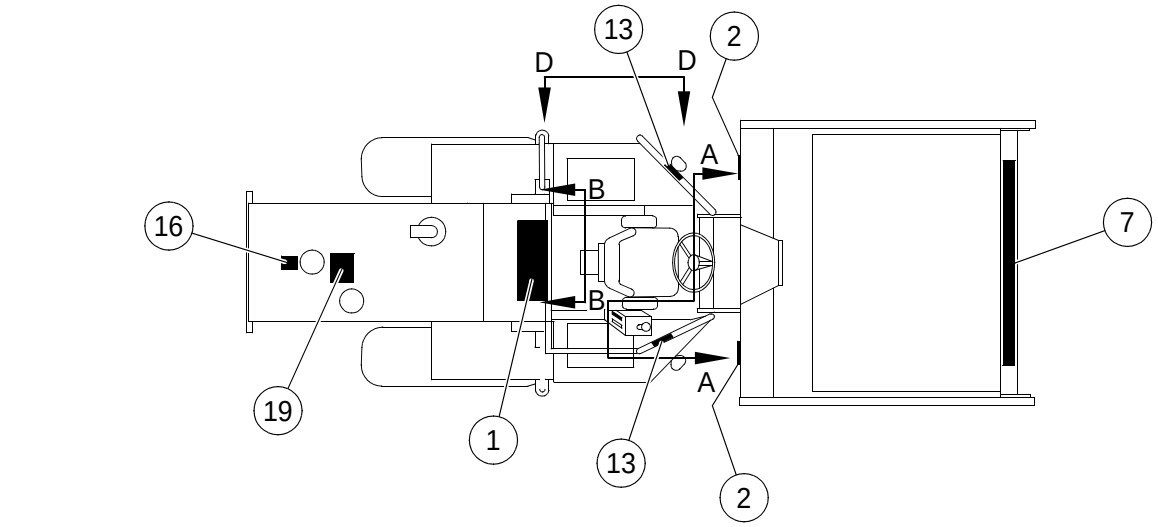
BOM 13289632

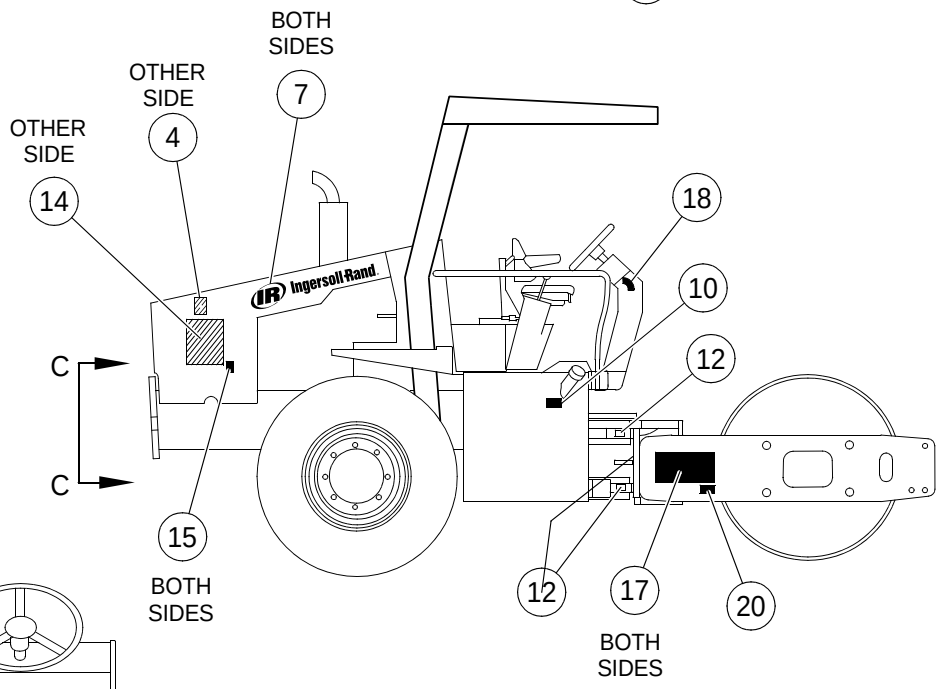
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	59426924	ALARM	1	
2	96702816	HHCS CL 8.8,YEL ZN	2	M8-1.25X16
3	96741053	FLATWASHER	6	M6
4	96741038	FLATWASHER	4	M8
5	59164970	BACKUP ALARM SWITCH	1	
6	59170381	BRACKET, BACK-UP ALARM	1	
7	59434001	SOCKET CONTACT	2	
8	59434209	CONNECTOR	1	
9	59434217	CONNECTOR 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	

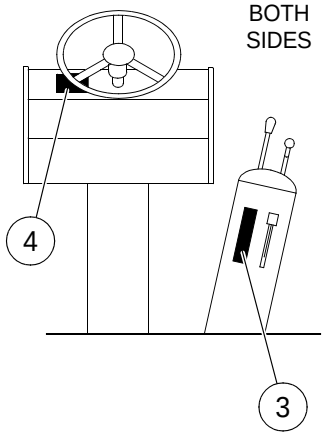
Always use Ingersoll-Rand Replacement parts!*

Section F - DECALS AND PAINT

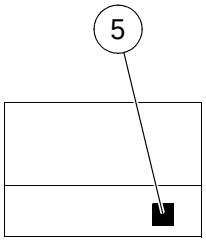
13301528 REV 04



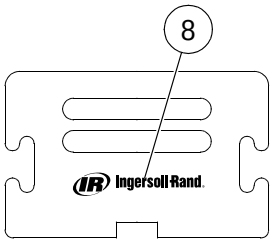




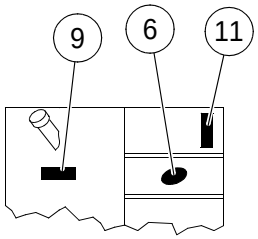
VIEW A-A



VIEW B-B



VIEW C-C



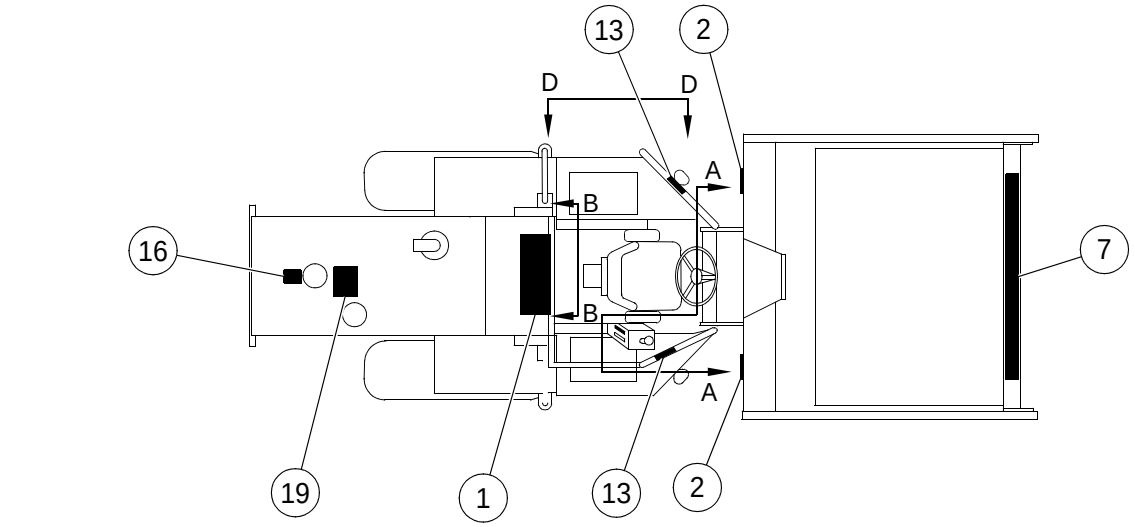
VIEW D-D

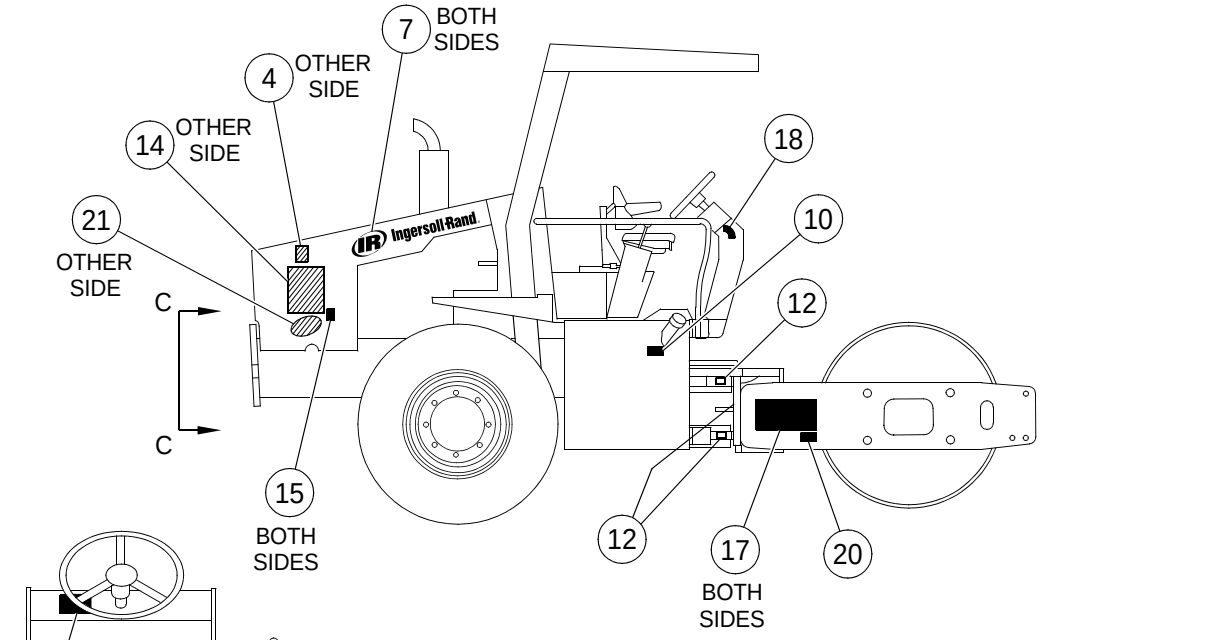
DECAL INSTALLATION

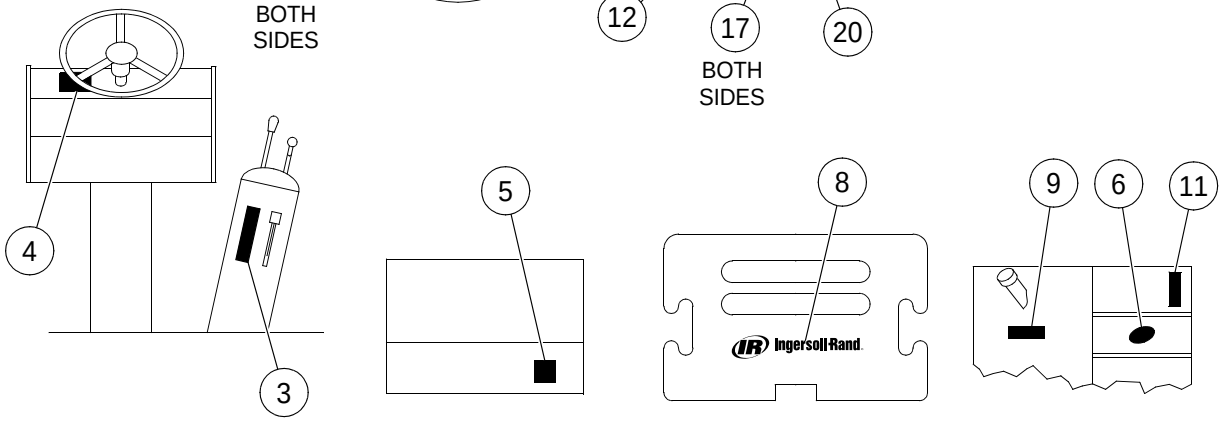
BOM 13301528

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	13163340	DECAL: SIGNATURE	3	
8	13252176	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	4	
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: PRESSURE HAZARD WARNING	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	
22	13208038	DECAL: MISSING SHOCK	2	
23	13395900	DECAL: GLOBAL ENGINEERING	1	

13301528 REV 01







VIEW A-A VIEW B-B VIEW C-C VIEW D-D

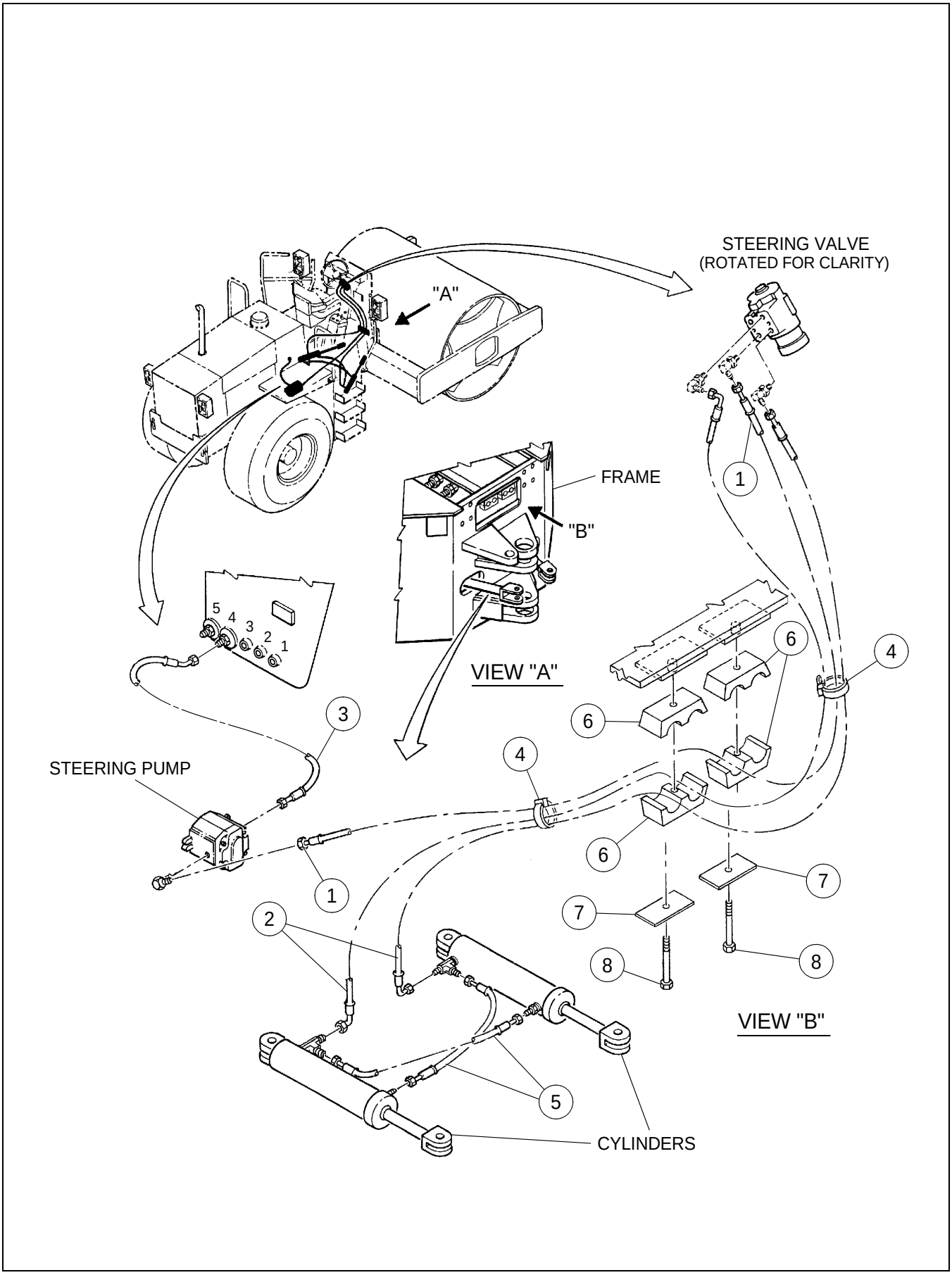
BOM 13301544

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
14	13301510	DECAL LUBE CHART ***	1	
17	59086868	DECAL:SD100D	2	
20	13207311	DECAL C SERIES	2	

Always use Ingersoll-Rand Replacement parts!*

Section G - HYDRAULICS

59122754 REV 03



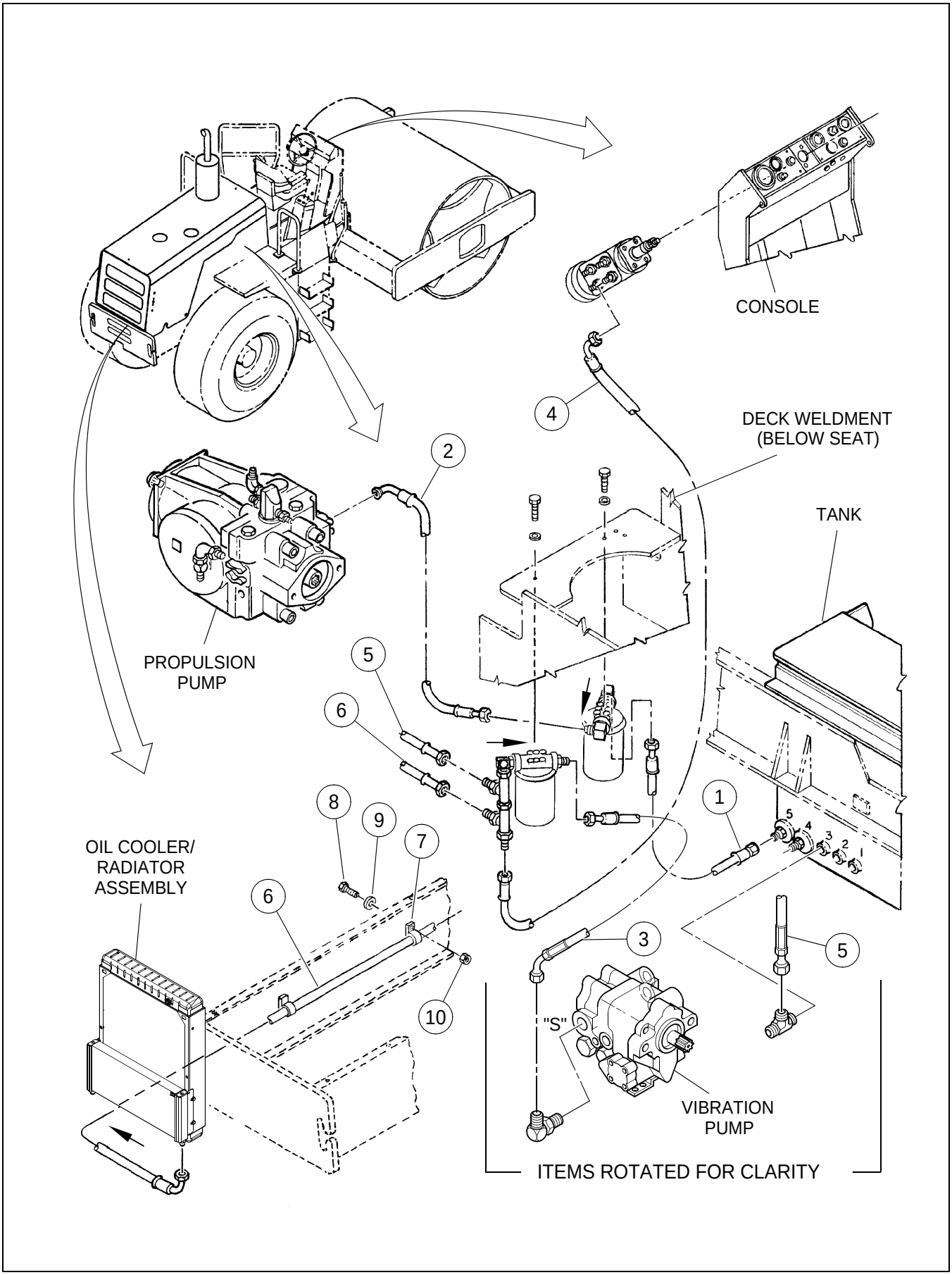
STEERING HOSING INSTALLATION

BOM 59279406

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	59122580	HOSE ASSEMBLY	1	70"
2	59810531	HOSE ASSEMBLY	2	
-	59557710	- FITTING	2	
-	59643742	- FITTING	2	
3	58887225	HOSE ASSEMBLY	1	38"
4	95424586	TYRAP	2	
5	59569004	HOSE ASSEMBLY	2	
-	59557710	- FITTING	4	
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



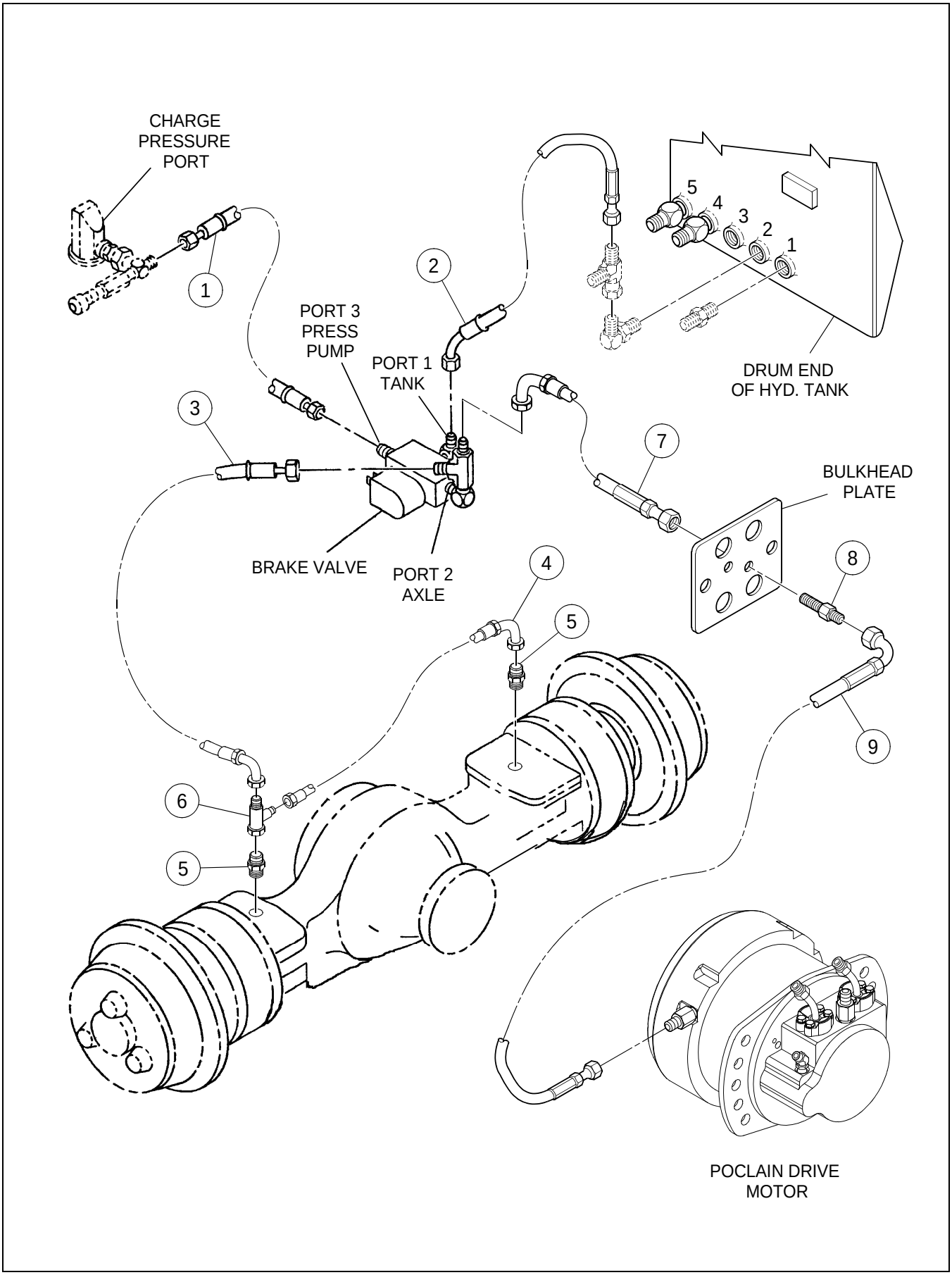
FILTER HOSE INSTALLATION

BOM 13301460

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	59118778	HOSE ASSEMBLY	1	
2	59956706	HOSE ASSEMBLY	1	
3	59279620	HOSE ASSEMBLY	1	
4	59173286	HOSE ASSEMBLY	1	
5	59279604	HOSE ASSEMBLY	1	
6	13301908	HOSE ASSEMBLY	1	106"
7	59465674	CLAMP	2	
8	96701917	HHCS CL 8.8,YEL ZN	2	M10-1.5X30
9	96741046	FLATWASHER	2	M10
10	96704812	HEX NUT	2	

BRAKE HOSING INSTALLATION

13301478 REV 00



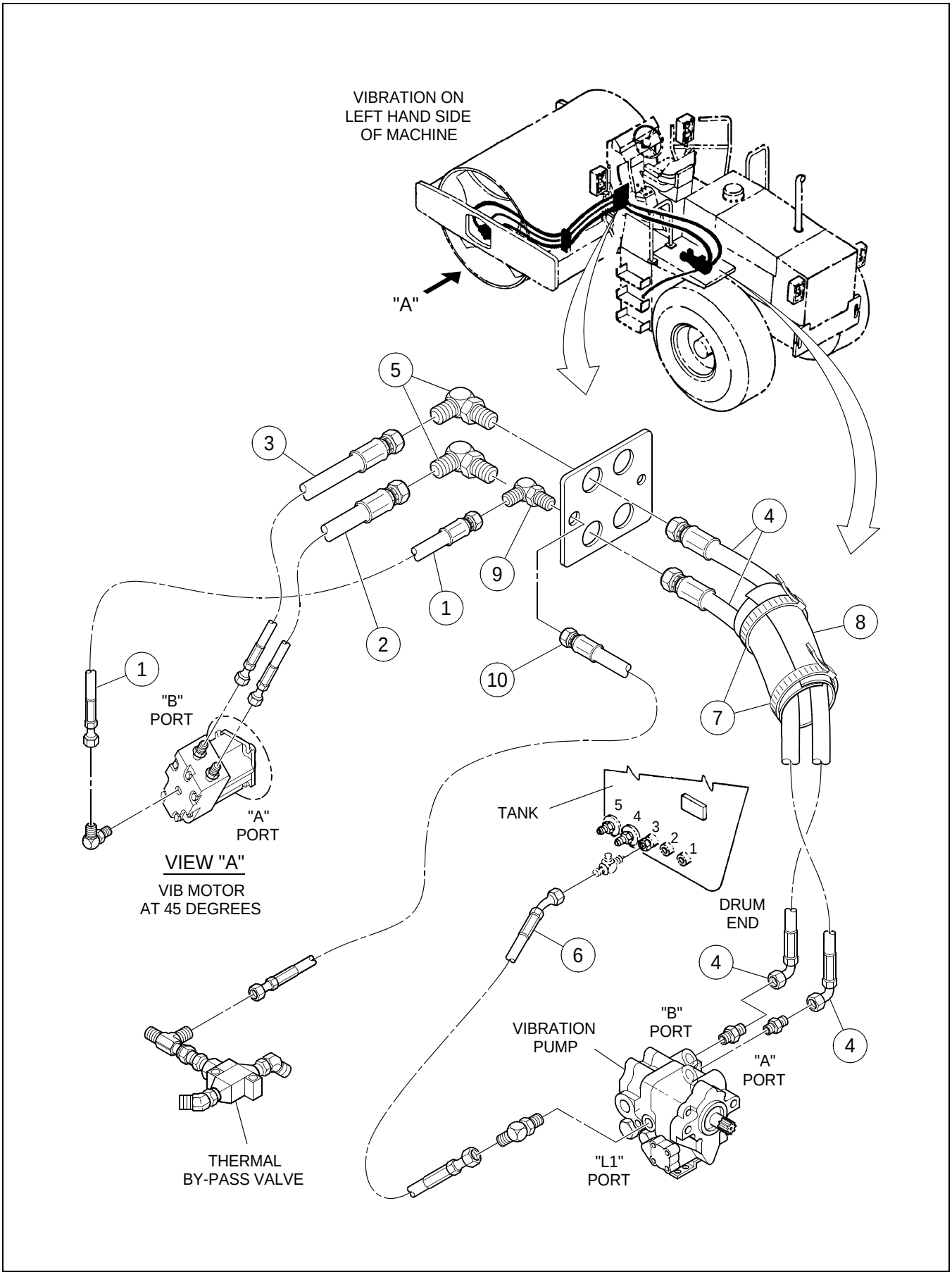
BRAKE HOSING INSTALLATION

BOM 13301478

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	59118752	HOSE ASSEMBLY	1	
2	54630272	HOSE ASSEMBLY	1	35"
3	59039685	HOSE ASSEMBLY	1	
4	58896218	HOSE ASSEMBLY	1	
5	58954694	STRAIGHT ADAPTER	2	
6	95415667	TEE	1	
7	59025783	HOSE ASSEMBLY	1	
8	95364972	ADAPTER	1	
9	13301452	HOSE ASSEMBLY	1	87"

VIBRATION HOSING INSTALLATION

59279380 REV 03



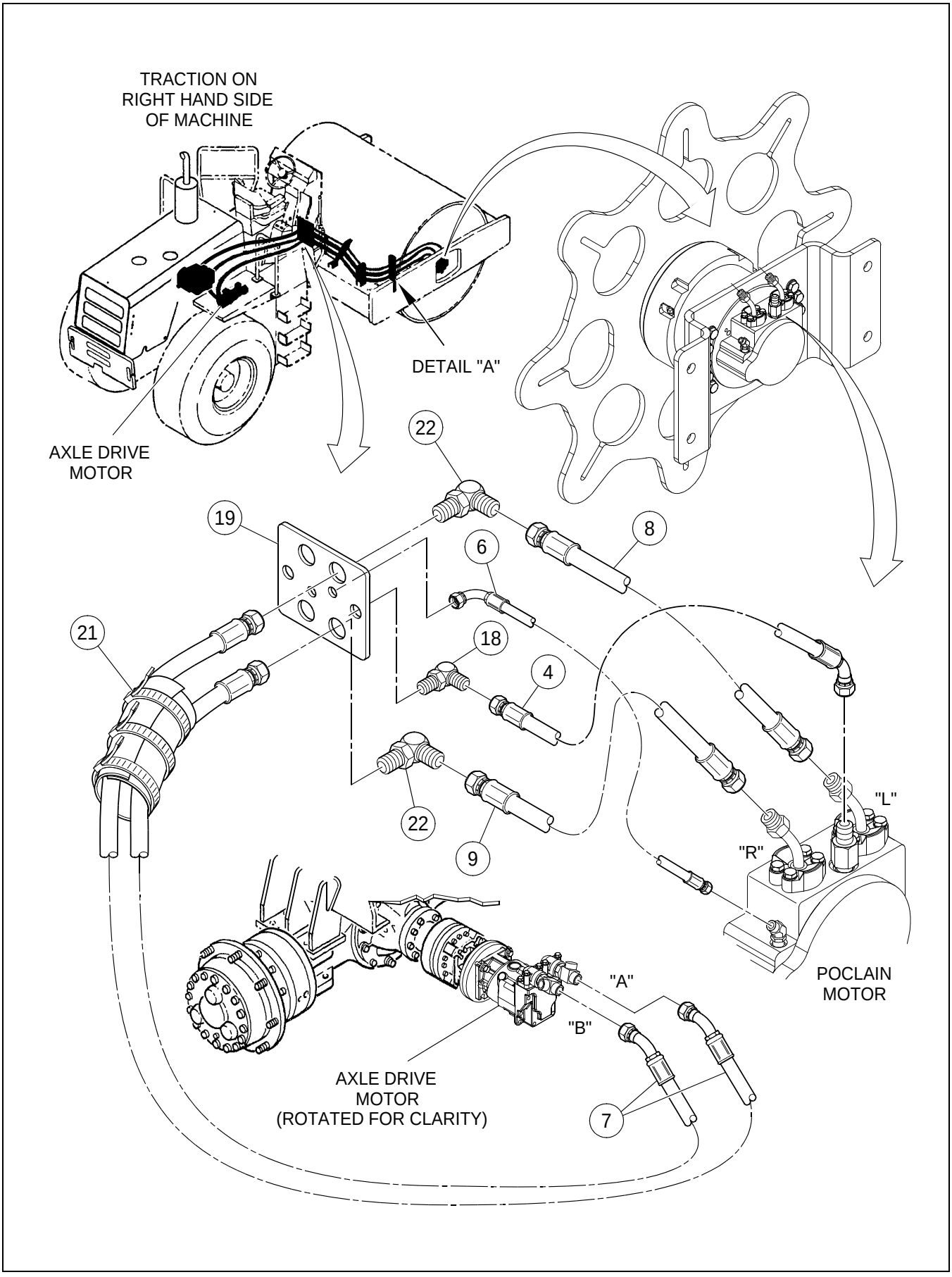
VIBRATION HOSING INSTALLATION

BOM 59279380

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	13207030	HOSE ASSEMBLY	1	
2	13206263	HOSE ASSEMBLY	1	
3	59279653	HOSE ASSEMBLY	1	
4	59279638	HOSE ASSEMBLY	2	
5	59962332	ADAPTER	2	
6	58946724	HOSE ASSEMBLY	1	39"
7	95424586	TYRAP	8	
8	59672733	HOSE GUARD	1	
9	95278966	ADAPTER, 90	1	
10	54630280	HOSE ASSEMBLY	1	56"

TRACTION HOSE INSTALLATION - SHEET 1 OF 2

13301494 REV 02



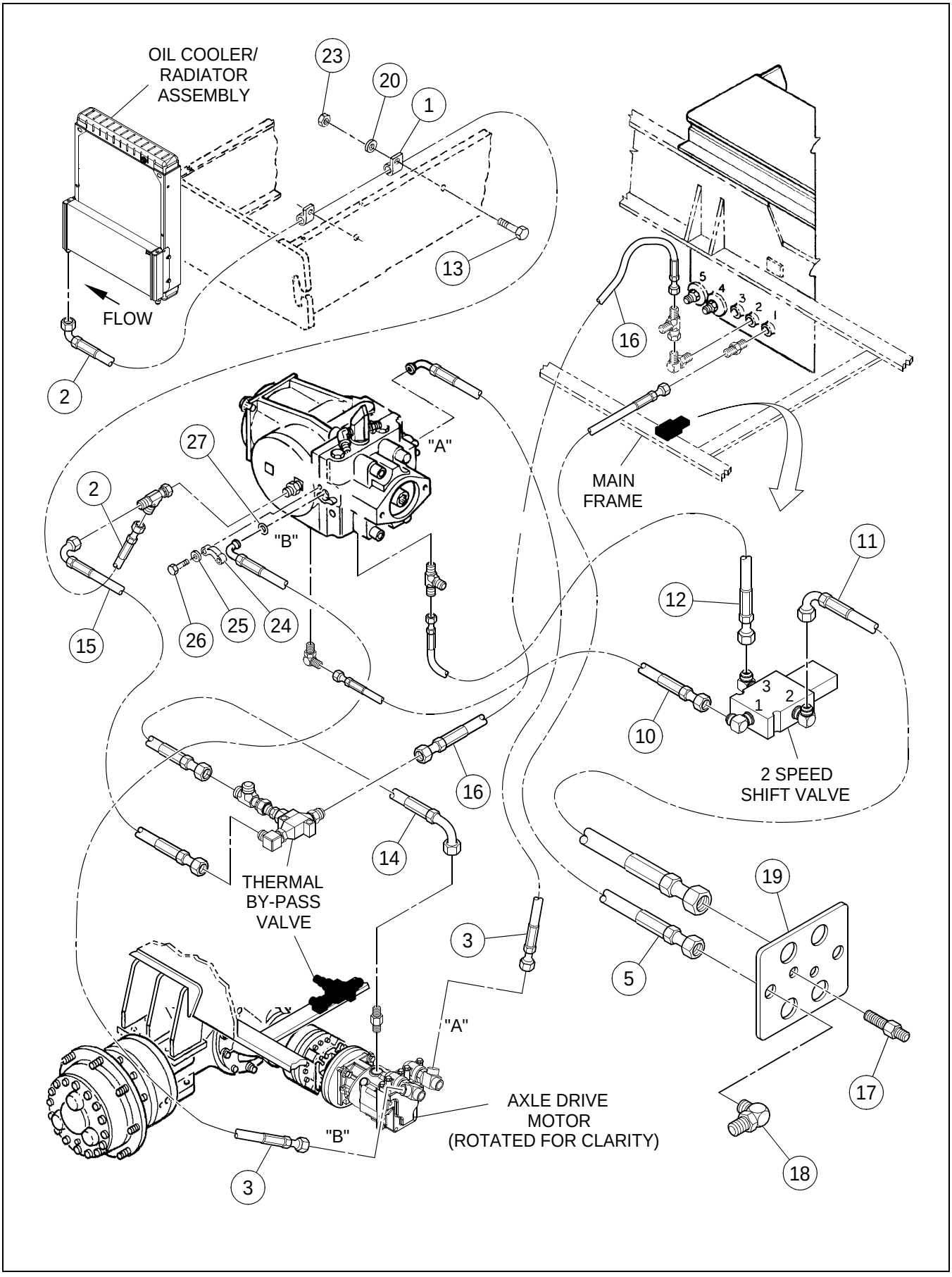
TRACTION HOSE INSTALLATION - SHEET 1 OF 2

BOM 13301494

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	59465674	CLAMP	2	
2	13301890	HOSE ASSEMBLY	1	86"
3	58896044	HOSE	2	22.5"
-	58844069	- BULK HOSE	2	
4	13207014	HOSE ASSEMBLY	1	
5	58893603	HOSE ASSEMBLY	1	74"
6	13301445	HOSE ASSEMBLY 82" ***	1	
7	13301437	HOSE ASSEMBLY 62"	2	
8	59279653	HOSE ASSEMBLY	1	
9	59039586	HOSE ASSEMBLY	1	
10	59122770	HOSE ASSEMBLY	1	
11	59025783	HOSE ASSEMBLY	1	
12	59452680	HOSE	1	
13	96701917	HHCS CL 8.8,YEL ZN	2	M10-1.5X30
14	59279596	HOSE ASSEMBLY	1	
15	59744243	HOSE ASSEMBLY	1	
16	59815068	HOSE ASSEMBLY	1	16.5
17	95364972	ADAPTER	1	
18	95278966	ADAPTER, 90	1	
19	13294285	PLATE	1	
20	96741046	FLATWASHER	2	M10
21	95424586	TYRAP	10	
22	59962332	ADAPTER	2	
23	96704812	HEX NUT	2	
24	58901653	SPLIT FLANGE CLAMP	4	
25	95919460	HHCS	8	7/16-14X1.75
26	59995126	HARDENED WASHER	8	
27	59993881	O-RING	2	

TRACTION HOSE INSTALLATION - SHEET 2 OF 2

13301494 REV 02

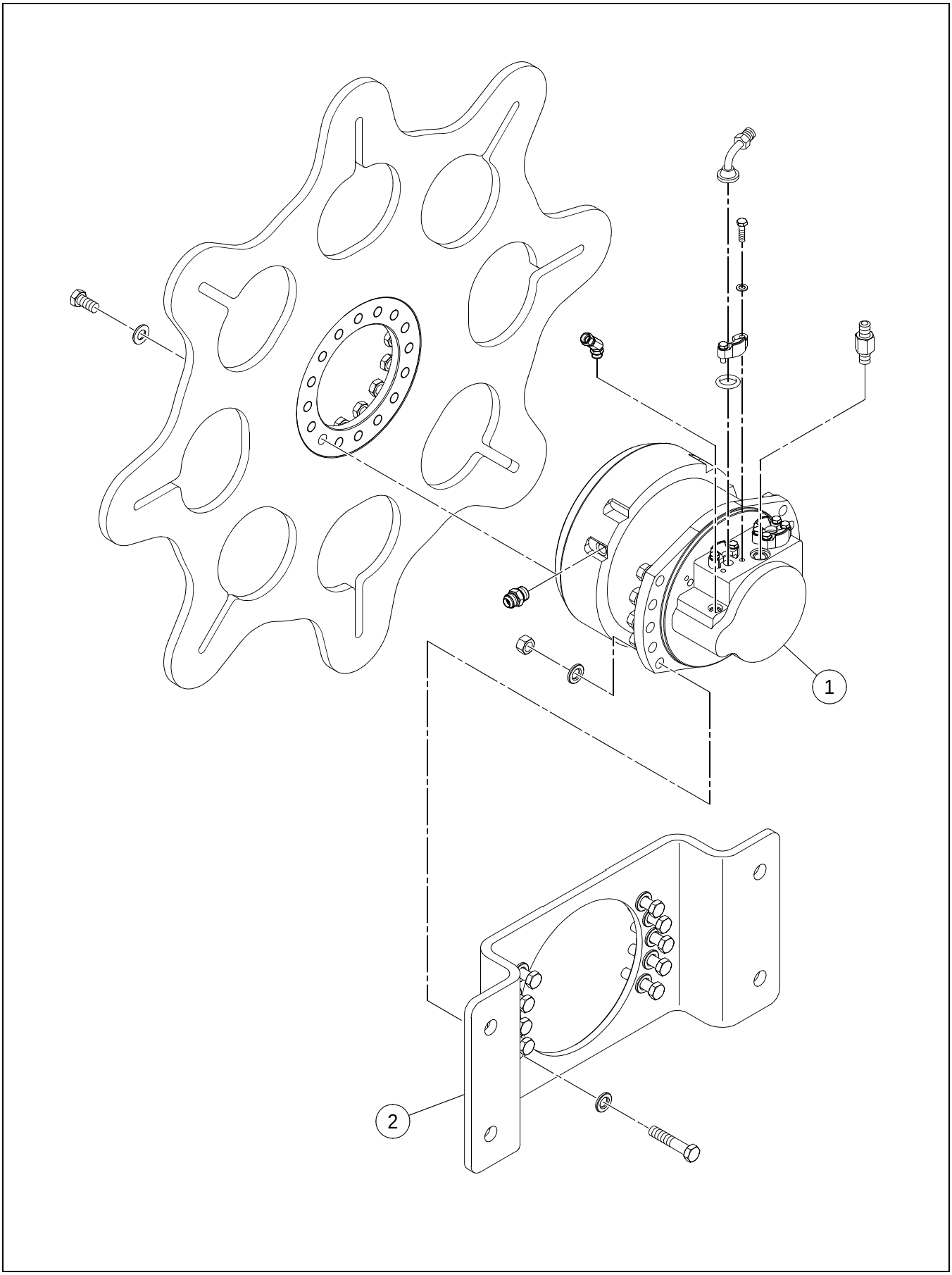


TRACTION HOSE INSTALLATION - SHEET 2 OF 2

BOM 13301494

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	59465674	CLAMP	2	
2	13301890	HOSE ASSEMBLY	1	86"
3	58896044	HOSE	2	22.5"
-	58844069	- BULK HOSE	2	
4	13207014	HOSE ASSEMBLY	1	
5	58893603	HOSE ASSEMBLY	1	74"
6	13301445	HOSE ASSEMBLY 82" ***	1	
7	13301437	HOSE ASSEMBLY 62"	2	
8	59279653	HOSE ASSEMBLY	1	
9	59039586	HOSE ASSEMBLY	1	
10	59122770	HOSE ASSEMBLY	1	
11	59025783	HOSE ASSEMBLY	1	
12	59452680	HOSE	1	
13	96701917	HHCS CL 8.8,YEL ZN	2	M10-1.5X30
14	59279596	HOSE ASSEMBLY	1	
15	59744243	HOSE ASSEMBLY	1	
16	59815068	HOSE ASSEMBLY	1	16.5
17	95364972	ADAPTER	1	
18	95278966	ADAPTER, 90	1	
19	13294285	PLATE	1	
20	96741046	FLATWASHER	2	M10
21	95424586	TYRAP	10	
22	59962332	ADAPTER	2	
23	96704812	HEX NUT	2	
24	58901653	SPLIT FLANGE CLAMP	4	
25	95919460	HHCS	8	7/16-14X1.75
26	59995126	HARDENED WASHER	8	
27	59993881	O-RING	2	

13301916 REV 00

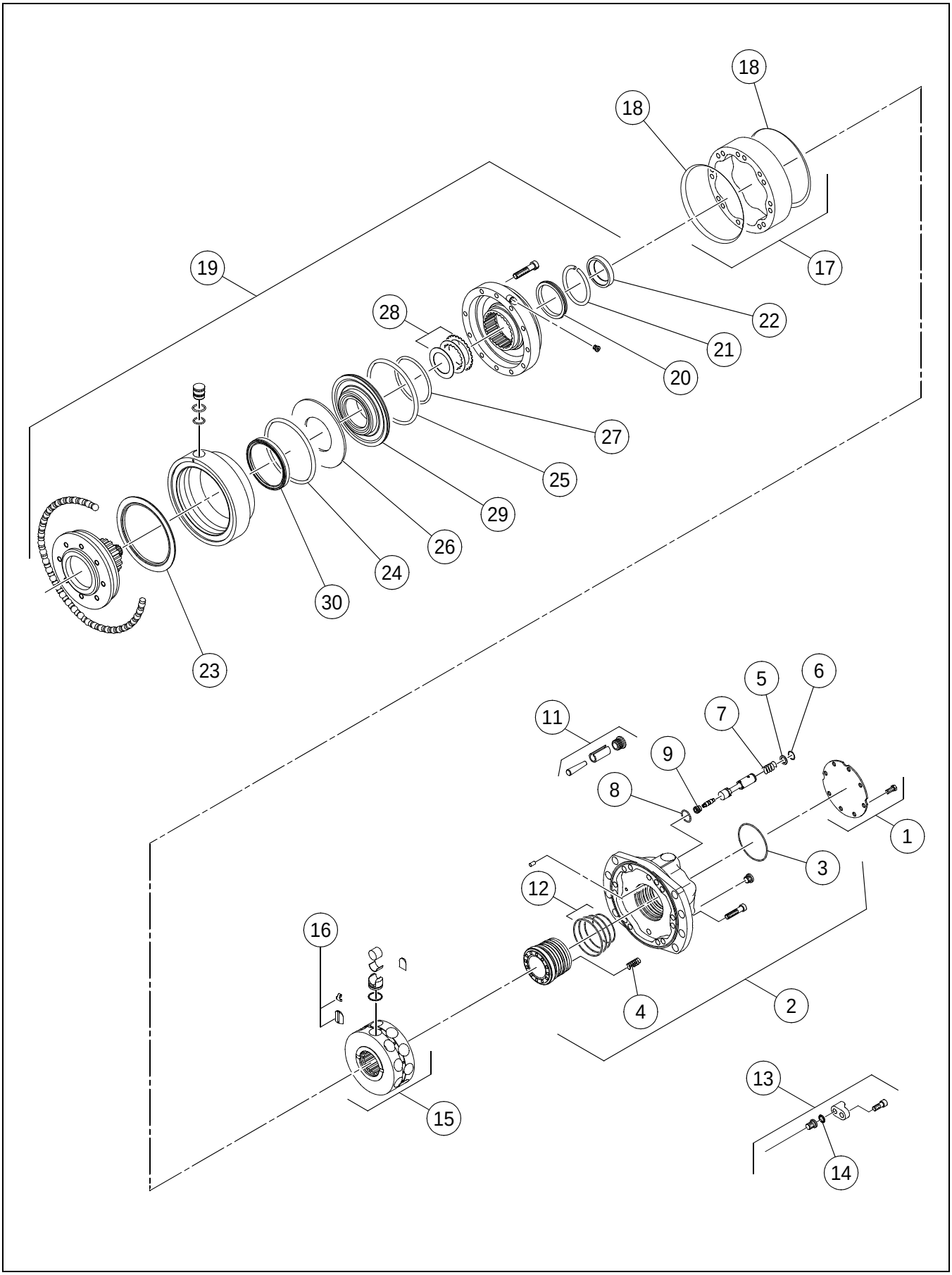


BOM 13301916

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	**NSVA**	**DRUM DRIVE MOTOR W/BRAKE**	**1**	**See Page G - 16.**
2	13327119	DRIVE MOTOR MOUNTING BRACKET	1	

DRUM DRIVE MOTOR W/BRAKE

13244702 REV 02



DRUM DRIVE MOTOR W/BRAKE

BOM 13166814

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	13263132	BACK PLATE	1	
2	13263124	COMPLETE VALVING COVER	1	
3	59902684	O-RING	1	
4	59080309	SPRING	12	
5	13262597	WASHER	1	
6	13263140	SNAP RING	1	
7	13262613	SPRING	1	
8	13262621	O-RING	1	
9	13263157	PLUG	1	
11	13262639	SPLIT PIN	1	
12	13262589	SEAL KIT	1	
13	13263132	BACK PLATE	1	
14	13263165	WASHER	1	
15	13263280	BLOCK CYLINDER KIT	1	
16	59193847	REPAIR KIT	1	
17	59193813	CAM	1	
18	59241505	O-RING	2	
19	13262761	COMPLETE BEARING	1	
20	13263199	THRUST RING	1	
21	13263207	SPRING WASHER	1	
22	13263215	THRUST RING	1	
23	13263223	RING	1	
24	58804592	O-RING	1	
25	59241554	O-RING	1	
26	13263231	BRAKE PISTON	1	
27	59241562	O-RING	1	
28	59241570	SEAL KIT	1	
29	13489232	BRAKE PISTON	1	
30	54563408	SEAL	1	
31	13262670	SEAL KIT	1	

Always use Ingersoll-Rand Replacement parts!*

HOW TO USE THIS INDEX

When the Description is Known - Use the Word Index:

- Ingersoll-Rand's Word Index makes **any** item easy to locate.
- Use any of the **functional** words in the item description to locate the desired item. The items listed are in alphabetical order in the first column of the index and may be **repeated** several times depending on their **functional descriptions**.

> If searching for the *Primary Air Cleaner Filter Element*, the first listing in the **Word Index** is:
>
> *Air Cleaner Primary Filter Element*
>
> The item is also listed as:
>
> *Element, Air Cleaner Primary Filter*
> *Filter Element, Air Cleaner Primary*
> *Primary Filter Element, Air Cleaner*

- The alpha-numeric listing in the second column of the index is the location of the item in the manual. The location is identified as; the **Functional Group, Section Number**, and **Parts List Page Number**. Example: C.4.3 would be Functional Group C, Section 4, Page 3.

> The index shows the filter will be found on page C.4.3 which is the **Parts List** page number for the
>
> *Air Cleaner Assembly*

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