



Parts Manual

Serial Number Range

S-120

from SN 101

S-125

Part No. 62400

Rev G15

January 2015

Technical Publications

Genie has endeavored to deliver the highest degree of accuracy possible. However, continuous improvement of our products is a Genie policy. Therefore, product specifications are subject to change without notice.

Readers are encouraged to notify Genie of errors and send in suggestions for improvement. All communications will be carefully considered for future printings of this and all other manuals.

Contact Us:

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First Edition, Seventh Printing

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A TEREX BRAND

Model: S120**Serial number:** S12008-12345**Model year:** 2008 **Manufacture date:** 01/05/08**Electrical schematic number:** ES0427**Machine unladen weight:****Rated work load (including occupants):** 500 lb / 227 kg**Maximum number of platform occupants:** 2**Maximum allowable side force :** 150 lb / 670 N**Maximum allowable inclination of the chassis:**
0 deg**Maximum wind speed :** 28 mph/ 12.5 m/s**Maximum platform height :** 126 ft/ 38.6 m**Maximum platform reach :** 75ft/ 22.9 m**Gradeability:** N/A**Country of manufacture:** USA**This machine complies with:**

ANSI A92.5-

CAN B.354.4-

Terex South Dakota, Inc.**18340 NE 76th Street****Redmond, WA 98052****USA**

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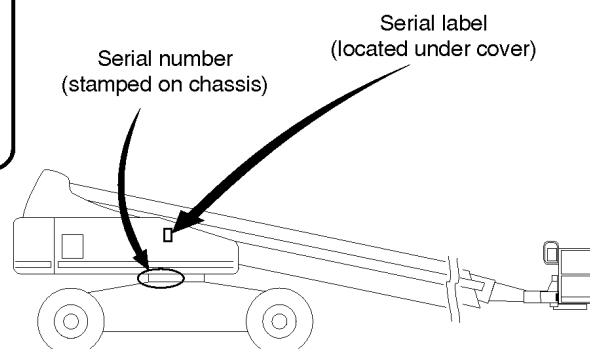
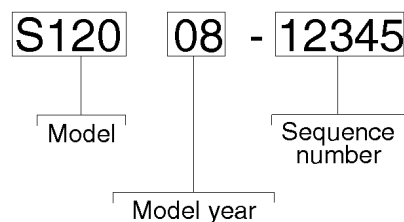


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Electronic Version

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Notes

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Required Parts

The following parts are required to perform maintenance procedures as outlined in the *Genie S-100, S-105, S-120 and S-125, Service Manuals*.

Perkins 1004-42 Models (to SN 932):

Description	Part No.
Air Filter	62425
Fuel/Water Separator Filter	62433
Fuel Filter.....	62426
Engine Oil Filter.....	62427
V-belt	62428

Perkins 1104C-42 Models (from SN 933 to 2552):

Description	Part No.
Air Filter	62425
Fuel/Water Separator Element.....	62433
Fuel Filter.....	102639
Engine Oil Filter.....	102632
V-belt	102598

Perkins 804D-33T Models (from SN 2553):

Description	Part No.
Air Filter	62425
Fuel Filter.....	101614
Engine Oil Filter.....	101613
V-belt	102534

Deutz F3L-913 Models (to SN 920):

Description	Part No.
Air Filter	62425
Fuel/Water Separator Filter	75484
Engine Oil Filter.....	62430
V-belt	62431

Deutz BF4L-2011 and Deutz TD2011-L04i Models (from SN 921):

Description	Part No.
Air Filter	62425
Fuel/Water Separator Filter	29560
Engine Oil Filter.....	49924
V-belt (from SN 921 to 2238).....	102589
V-belt (from SN 2239).....	58630

Cummins 4B3.9L Models (to SN 936):

Description	Part No.
Air Filter	62425
Fuel/Water Separator Filter	62433
Engine Oil Filter.....	62436
V-belt	62437

Cummins B4.5 C80 Models (from SN 937 to 2547):

Description	Part No.
Air Filter	62425
Fuel/Water Separator Filter	102287
Engine Oil Filter	102288
Serpentine Belt.....	102203

Cummins B3.3 C80 Models (from SN 2548):

Description	Part No.
Air Filter (Primary)	146044
Air Filter (Secondary).....	146045
Fuel Filter.....	122709
Engine Oil Filter	122708
Serpentine Belt.....	146047

Recommended Parts

Description	Part No.
Genie Blue Paint, 1 Gallon	32150
Genie Blue Paint, 12 Ounce Aerosol	1484
Genie Gray Paint, 1 Gallon.....	32151
Genie Gray Paint, 12 Ounce Aerosol	1268

Manuals

Genie Industries offers the following support documents for these models:

Title	Part No.
Genie S-120 and S-125 Operators Manual (to SN 800)	62756
Genie S-100, S-105, S-120 and S-125 Operator's Manual (from SN 800 to 1262)	82599
Genie S-100, S-105, S-120 and S-125 Operator's Manual (from SN 1263 to 2709)	1000255
Genie S-100, S-105, S-120 and S-125 Operator's Manual (from SN 2710 to 3191)	133535
Genie S-100, S-105, S-120 and S-125 (ANSI) Operator's Manual (from SN 3192)	T111108
Genie S-100, S-105, S-120 and S-125 (CE) Operator's Manual (from SN 3192).....	T113597
Genie S-100, S-105, S-120 and S-125 Service Manual (to SN 403)	62401
Genie S-100, S-105, S-120 and S-125 Service Manual (from SN 404)	102916
EMI Safety Manual	27581
Manual of Responsibilities ANSI A92.5	31779

How To Order Parts

How To Order Parts

Please be prepared with the following information when ordering replacement parts for your Terex or Genie product:

- ☒ Machine model number
- ☒ Machine serial number
- ☒ Part number
- ☒ Part description and quantity
- ☒ Purchase order number
- ☒ "Ship to" address
- ☒ Desired method of shipment
- ☒ Name and telephone number of the authorized distributor in your area

Use the Service Parts Fax Order Form on the next page and fax your order to our Parts Department.

If you don't know the name of your authorized distributor, or if your area is not currently serviced by an authorized distributor, please call Terex or Genie Industries.

North America

Telephone (425) 556-6551
Toll Free (877) 367-5606 in U.S.A. and Canada
Fax (425) 556-8659
Toll Free Fax (888) 274-6192

Europe

Parts Telephone (31) (165) 519 313
Parts Fax (31) (165) 511 148

Australia

Parts Telephone (61) (7) 3456 4444
Parts Fax (61) (7) 3456 4466

South America

Parts Telephone (55) (11) 4082 5600
Parts Fax (55) (11) 4082 5630

Machine Information

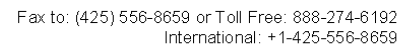
Model

Serial Number

Date of Purchase

Authorized Genie Distributor

Phone Number



Date _____	Account Number _____
Your Name _____	Your Fax Number _____
_____	Your Phone Number _____
Bill To _____	Ship To _____
_____	_____
_____	_____
_____	_____
Purchase Order Number _____	Ship Via _____

Optional Equipment _____

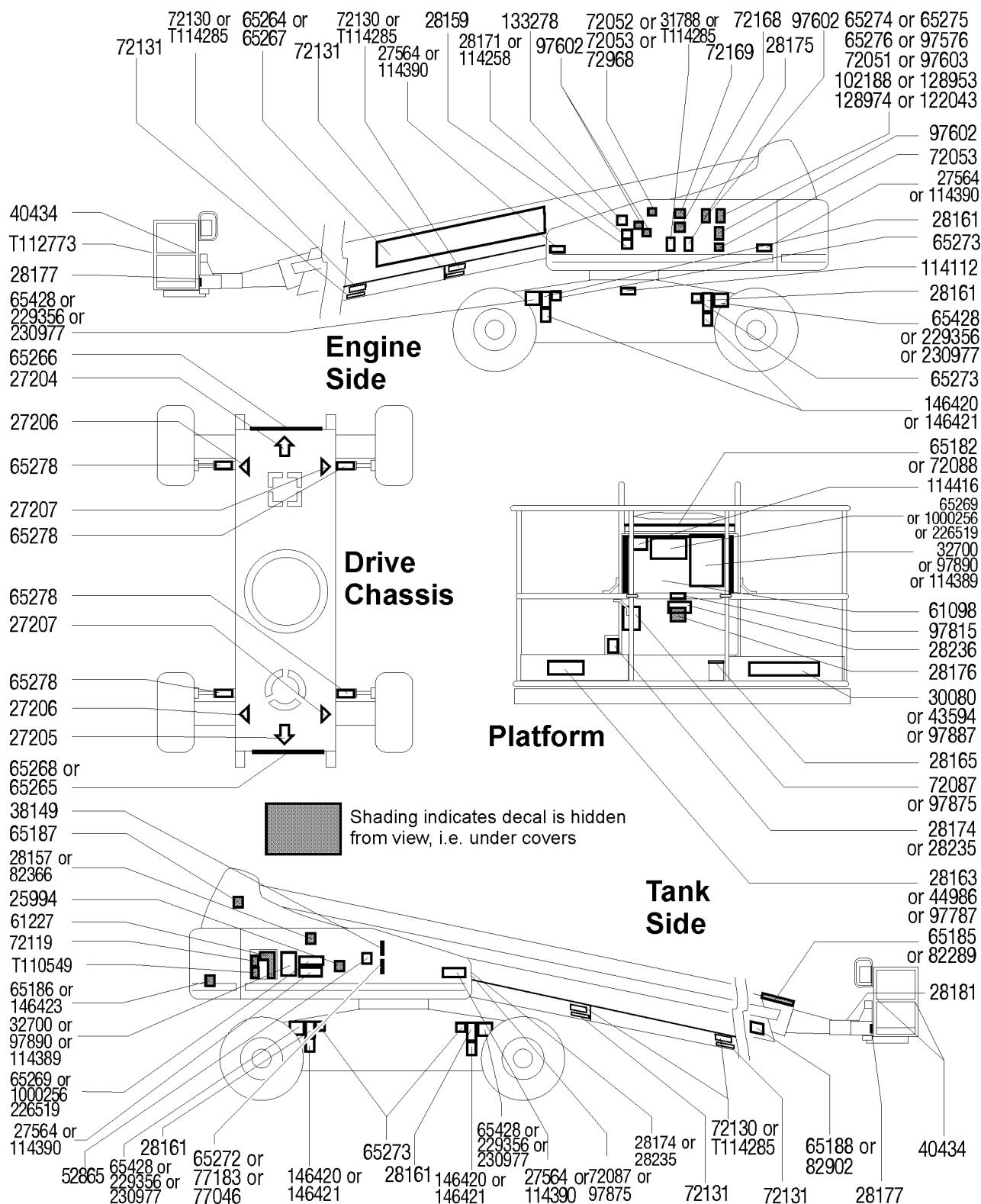
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☐ Ship complete order only - No back orders

☐ Ship all available parts and contact customer on disposition of back-ordered parts

☐ Other (please specify)

101.1 Decals with Words



101.1 Decals with Words

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	62439	DECAL KIT,SAFETY/INST,SUPER <i>includes items 1-36; to SN 1292</i>		14	28176	DECAL,LABEL,MANUAL NOT HERE.....	1
--	111325	DECAL KIT,SAFETY/INST,SUPER <i>includes items 1-36; from SN 1293 to 2709</i>		15	28177	DECAL,WARN,CRUSH HAZARD PLAT.....	2
--	146432	DECAL KIT, SAFETY/INST, SUPER <i>includes items 1-36; from SN 2710 to 3191</i>		16	28181	DECAL,WARN,FALL HAZARD.....	1
--	226129	DECAL KIT, SAFETY/INST, SUPER <i>includes items 1-38; from SN 3192</i>		17	28236	DECAL,WARN,IMPROPER OPERATION.....	1
1	25994	DECAL,NOTICE,SHUTOFF VALVES..... <i>from SN 837</i>	1	18	97890	DECAL,DANGER,GEN SAFETY RULES <i>to SN 3191</i>	
2	27204	DECAL,ARROW BLUE.....	1	--	114389	DECAL,DANGER,GENERAL SAFETY*** <i>from SN 3192</i>	
3	27205	DECAL,ARROW YELLOW LRG 9".....	1	19	33952	DECAL,DANGER,TILT ALARM***.....	1
4	27206	DECAL,TRIANGLE,BLUE.....	2	--	114416	DECAL,DANGER,TIPOVER,TILT <i>from SN 3192</i>	
5	27207	DECAL,TRIANGLE,YELLOW.....	2	20	40434	DECAL,LANYARD ANCHORAGE POINT.....	3
6	27564	DECAL,DANGER,ELEC.HAZ.STAY CLR..... <i>to SN 3191</i>	4	21	61227	DECAL,GROUND CONTROL PANEL.....	1
--	114390	DECAL,DANGER,ELECT HAZARD*** <i>from SN 3192</i>		22	65182	DECAL,PLATFORM CONTROL PANEL **.....	1
7	28157	DECAL,USE DEXRON***.....	1	--	72088	DECAL,CONTROL PANEL PROTECTOR	
--	82366	DECAL,CHEVRON RANDO HD <i>from SN 688</i>		23	65185	DECAL,DANGER DO NOT ALTER SWTC..... <i>to SN 627</i>	1
8	28159	DECAL,DIESEL.....	1	--	82289	DECAL,DANGER DO NOT ALTER SWTC <i>from SN 628</i>	
9	28161	DECAL,WARN,CRUSH HAZARD HAND.....	4	24	65186	DECAL,DANGER DO NOT ALTER SWTC..... <i>to SN 2079</i>	1
10	28164	DECAL,NOTICE,HAZARDOUS MAT'LS*..... <i>to SN 3191</i>	1	--	146423	DECAL,DANGER DO NOT ALTER SWTC <i>from SN 2710</i>	
--	31788	DECAL,DANGER,BATTERY SAFETY*** <i>from SN 3192</i>		25	65187	DECAL,DANGER DO NOT ALTER SWTC.....	1
11	28165	DECAL,INSTRUCT,FOOTSWITCH OPER.....	1	26	65269	DECAL,NOTICE,OPERATING INST..... <i>to SN 1292</i>	2
12	28171	DECAL,DANGER,NO SMOKING***..... <i>to SN 3191</i>	1	--	1000256	DECAL,NOTICE,OPERATING INST. <i>from SN 1293</i>	
--	114258	DECAL,DANGER,NO SMOKING <i>from SN 3192</i>		27	65278	DECAL,CAUTION,NO STEP.....	4
13	28175	DECAL,COMPARTMENT ACCESS.....	1	28	65428	DECAL,DANGER,TIP-OVER,TIRES.4 <i>to SN 3274</i>	

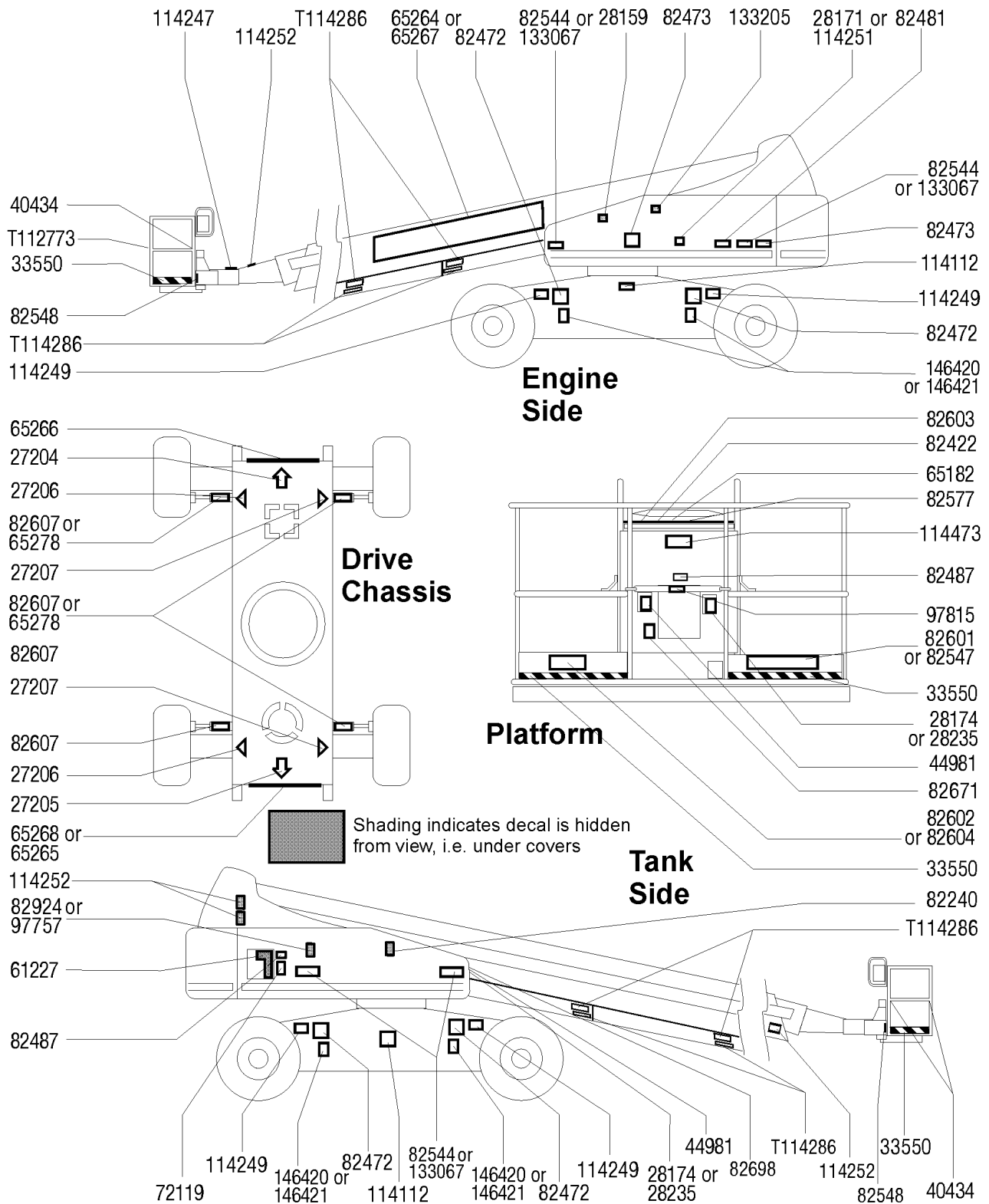
101.1 Decals with Words (continued)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	229356	DECAL,DANGER/NOTICE,TIRE SPECS <i>from SN 3275</i>		45	65266	DECAL,COSMETIC,4X4.....1	
29	72051	DECAL,LABEL,20A CB.....1 <i>to SN 329</i>		46	72119	DECAL,LABEL,ROM CHART 120/125.....1	
30	72052	DECAL,LABEL,40A CB.....1 <i>to SN 368</i>		47	97602	DECAL,EXPLOSION HAZARD.....1	
--	72968	DECAL,LABEL,25A CB <i>from SN 369</i>		48	65272	SERIAL NUMBER PLATE.....1 <i>to SN 345</i>	
31	72053	DECAL,LABEL,30A CB.....2		--	77046	SERIAL # LABEL,MYLAR 4X8*** <i>from SN 346</i>	
32	72088	DECAL,CONTROL PANEL PROTECTOR.....1		--	77183	FILM,POLY,CLEAR,4.5 X 8.75	
33	72130	DECAL,WARNING,BODILY INJURY.....2 <i>to SN 3191</i>		49	65273	DECAL,NOTICE,TIRE SPECS.....4 <i>to SN 3274</i>	
--	T114285	DECAL,WARN,INSTALL COVER,WORD <i>from SN 3192</i>		50	65274	DECAL,NOTICE,DEUTZ ENG SPEC.....1 <i>to SN 920</i>	
34	72131	DECAL,LABEL,CYLINDER COVER.....2		--	97576	DECAL,NOTICE,DEUTZ ENG SPECST2 <i>from SN 921 to 2238</i>	
35	72168	DECAL,LABEL,STARTER BATTERY.....1 <i>from SN 548</i>		--	128953	DECAL,ENGINE SPEC,DEUTZ,TD2011 <i>from SN 2239</i>	
36	72169	DECAL,LABEL,CONTROLS BATTERY.....1 <i>from SN 548</i>		--	65275	DECAL,NOTICE,CUMMINS ENG SPEC <i>to SN 935</i>	
37	T110549	DECAL,FAULT CODES,SB / SY <i>from SN 3192</i>		--	102188	DECAL,CUMMINS ENG SPECS <i>from SN 936 to 2547</i>	
38	52865	DECAL,ANNUAL INSP*** <i>USA; from SN 3192</i>		--	122043	DECAL,INSTR,ENG.SPECS,CUMMINS <i>from SN 2548</i>	
39	97887	DECAL,INSTR,MAX SIDE FRC,ANSI <i>USA/Canada models</i>		--	65276	DECAL,NOTICE,PERKINS ENG SPEC <i>to SN 932</i>	
--	44986	DECAL,INSTR,SIDE FRC/WIND,AUS <i>Australia models</i>		--	97603	DECAL,NOTICE,PERKINS ENGINE,T2 <i>from SN 933 to 2552</i>	
40	28174	DECAL,POWER TO PLATFORM 230V.....1		--	128974	DECAL,ENGINE SPEC,PERKINS,804T <i>from SN 2553</i>	
--	28235	DECAL,POWER TO PLATFORM 115V		--	133278	DECAL,LOW/ULTRA LOW SULFR FUEL <i>from SN 2239</i>	
41	38149	DECAL,LABEL,PATENTS.....1		51	72087	DECAL,WARNING,WELDLINE TO PLAT.....2 <i>to SN 1017</i>	
42	97815	DECAL,LABEL,LOWER MIDRAIL....1		--	97875	DECAL,WARN.WELD LINE INST.WORD <i>from SN 1018</i>	
43	114112	DECAL,LABEL,TRANSPORT DIAGRAM.....1		52	82422	DECAL,PATCH,DRIVING LIGHT	
44	65188	DECAL,DANGER DO NOT ALTER SWTC.....1 <i>to SN 627</i>		53	T112773	TAPE, PROTECTIVE MASK.....2 <i>from SN 3026</i>	
--	82902	DECAL,DANGER DO NOT ALTER SWTC <i>from SN 628</i>					

101.1 Decals with Words
(continued)

Item	Part No.	Description	Qty.
54	65264	DECAL,COSMETIC,GENIE S-125 (S-125)	
55	65265	DECAL,COSMETIC,S-125 (S-125)	
56	146421	DECAL,LABEL,WHEEL LOAD,S-125** (S-125)	
57	30080	DECAL,NOTICE,MAX LOAD 500 LBS (S-125)	
58	230977	DECAL,SOLID TIRE,445/65D22.5	
58	43594	DECAL,NOTICE,MAX LOAD 750 LBS (S-120)	
59	226519	DECAL,INST,OPER INSTSB,AUS...2 <i>Australia models</i>	
59	65267	DECAL,COSMETIC,GENIE S-120 (S-120)	
60	65268	DECAL,COSMETIC,S-120 (S-120)	
61	146420	DECAL,LABEL, WHEEL LOAD, S-120 (S-120)	
62	230977	DECAL,SOLID TIRE,445/65D22.5	
63	226519	DECAL,INST,OPER INSTSB,AUS...2 <i>Australia models</i>	

102.1 Decals with Symbols



102.1 Decals with Symbols

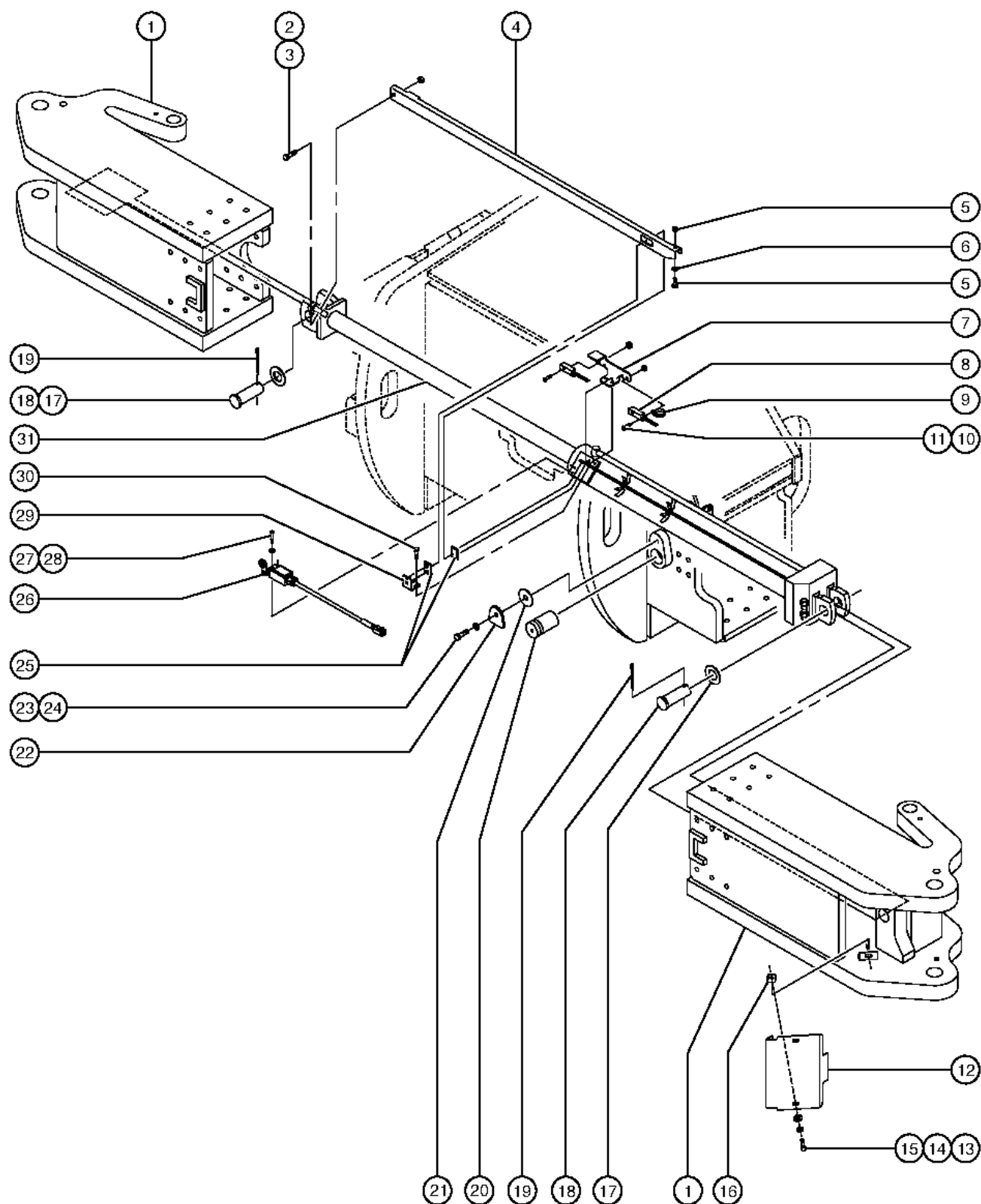
Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	226108	DECAL KIT,SYMBOLS,SUPERBOOM <i>includes items 1-19; to SN 3191</i>		16	114247	DECAL,LABEL,FALL HAZARD*** <i>from SN 3192</i>	
--	226109	DECAL KIT,SYMBOLS,SUPERBOOM <i>includes items 1-19; from SN 3192</i>		17	114249	DECAL,LABEL,TIPOVER,TIRES,SYMB <i>from SN 3192</i>	
1	28159	DECAL,DIESEL.....	1	18	114252	DECAL,LABEL,TIP OVER LMT SWTCH <i>from SN 3192</i>	
2	28171	DECAL,DANGER,NO SMOKING***.....	1	19	T114286	DECAL.WARN,INSTAL COVER,SYM.....	8
--	114251	DECAL,LABEL,NO SMOKING,SYMB <i>from SN 3192</i>				<i>from SN 3192</i>	
3	40434	DECAL,LANYARD ANCHORAGE POINT.....	3	20	27204	DECAL,ARROW BLUE.....	1
4	61227	DECAL,GROUND CONTROL PANEL.....	1	21	27205	DECAL,ARROW YELLOW LRG 9".....	1
5	65182	DECAL,PLATFORM CONTROL PANEL**.....	1	22	27206	DECAL,TRIANGLE,BLUE.....	2
--	72088	DECAL,CONTROL PANEL PROTECTOR		23	27207	DECAL,TRIANGLE,YELLOW.....	2
6	82472	DECAL,WARNING,CRUSHING HAZARD.....	4	24	28174	DECAL,POWER TO PLATFORM 230V.....	2
7	82473	DECAL,SYMBOL-COMP ACCESS.....	1	25	28235	DECAL,POWER TO PLATFORM 115V.....	2
8	82487	DECAL,SYMBOL-READ THE MANUAL.....	2	26	33550	TAPE,WARNING,BLK/YEL, 50'***.....	197 inches
9	82544	DECAL,DANGER,ELEC.HAZ.STAY CLR.....	4			<i>(CE) models</i>	
--	133067	DECAL,DANGER,ELEC.HAZ.STAY CLR <i>from SN 3192</i>		27	44981	DECAL,LABEL,AIRLINE 110 PSI.....	2
10	82548	DECAL,WARN,CRUSH HAZARD PLAT.....	2			<i>airline to platform option</i>	
11	82603	DECAL,DRIVE ENABLE PATCH***.....	1	28	65266	DECAL,COSMETIC,4X4.....	1
12	82607	DECAL,CAUTION,NO STEP.....	4	29	82240	DECAL,LABEL,105 DB <i>(CE) models</i>	
--	65278	DECAL,CAUTION,NO STEP <i>from SN 3192</i>		30	82422	DECAL,PATCH,DRIVING LIGHT	
13	82924	DECAL,CAUTION,SHUTOFF VALVES.....	1	31	82577	DECAL,PLATFORM OVERLOAD PATCH.....	1
--	97757	DECAL,LABEL,OIL LEVEL IND <i>from SN 3192</i>				<i>(CE) models</i>	
14	82481	DECAL,SYMBOL-BATTERY SAFETY <i>from SN 3192</i>		32	82602	DECAL,DANGER,MAX SIDE FRC,667N.....	1
15	133205	DECAL,LABEL, ELECTRO HAZARD <i>from SN 3192</i>		33	82604	DECAL,DANGER,SIDE FRC 400N.....	1
						<i>(CE) models</i>	
				34	82671	DECAL,LABEL,WELD LINE INST,SYM <i>weld line option</i>	
				35	82698	DECAL,LABEL,WELDER VOLTAGE,40V.....	1
				36	97815	DECAL,LABEL,LOWER MIDRAIL.....	1
				37	114112	DECAL,LABEL,TRANSPORT DIAGRAM.....	2
				38	114473	DECAL,DANGER,TIPOVER,TILT,SYM.	1
				39	T112773	TAPE, PROTECTIVE MASK.....	2
						<i>from SN 3026</i>	

102.1 Decals with Symbols (continued)

Item	Part No.	Description	Qty.
40	146421	DECAL,LABEL,WHEEL LOAD,S-125**.....4 (S-125)	
41	65264	DECAL,COSMETIC,GENIE S-125...1 (S-125)	
42	65265	DECAL,COSMETIC,S-125.....1 (S-125)	
43	72119	DECAL,LABEL,ROM CHART 120/125.....1 (S-125)	
44	82601	DECAL,LABEL,MAX CAPACITY***.....1 (S-125)	
45	146420	DECAL,LABEL, WHEEL LOAD, S-120.....4 (S-120)	
46	65267	DECAL,COSMETIC,GENIE S-120...1 (S-120)	
47	65268	DECAL,COSMETIC,S-120.....1 (S-120)	
48	72119	DECAL,LABEL,ROM CHART 120/125.....1 (S-120)	
49	82547	DECAL,DANGER,MAX LOAD 340 KG.....1 (S-120)	

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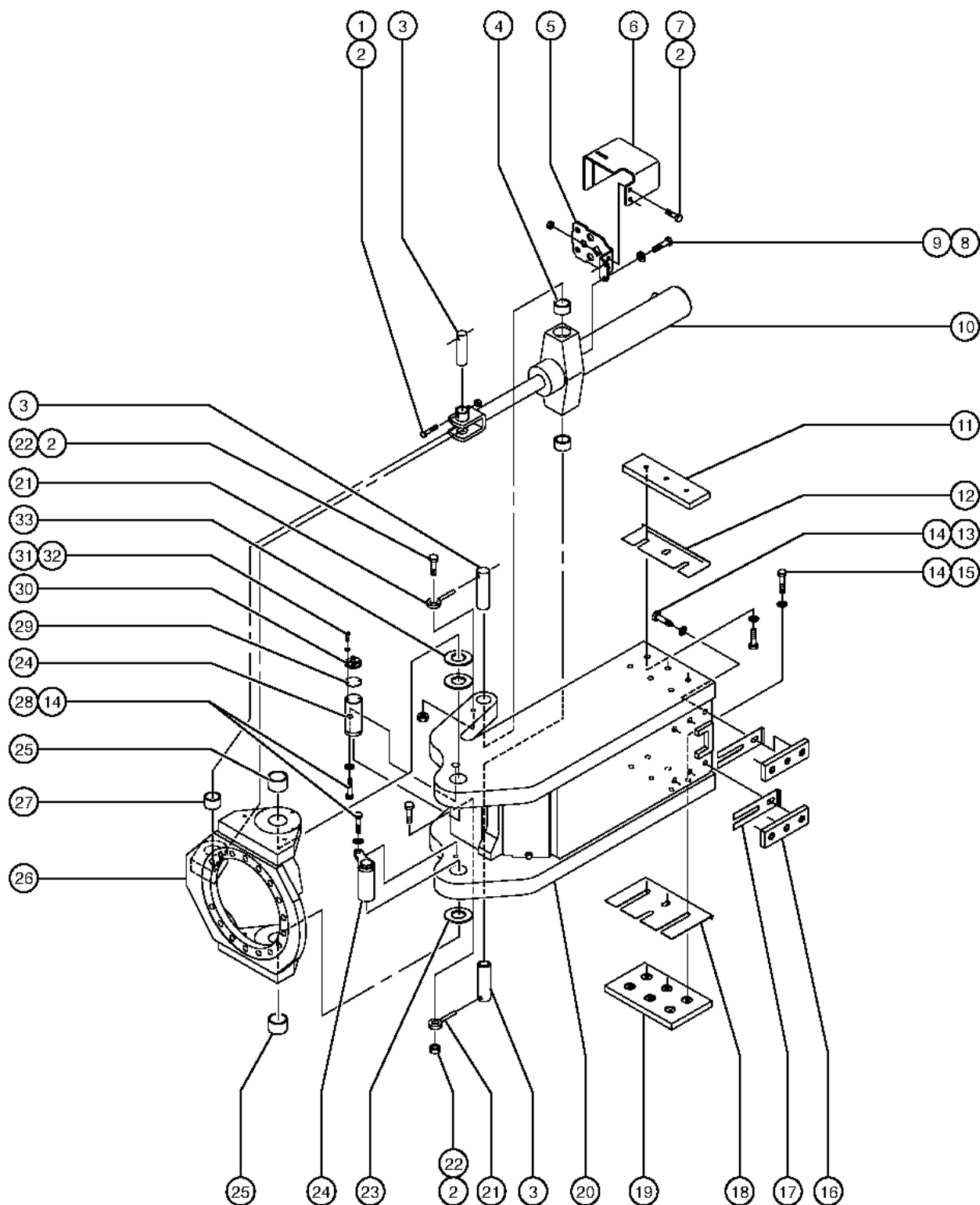
201.1 Extendable Steer Axle Installation - View 1 (to SN 403)



201.1 Extendable Steer Axle Installation - View 1 (to SN 403)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	61368-S	INNER AXLE,MACHINED.....	2	--	62416	SEAL KIT,AXLE EXTEND CYL,61381	
2	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5		--	62419	VALVE,CB.CBBC-LHN@2200*	
3	4828	NUT,NYLOCK,3/8-16					
4	75004	FORMING,EXTEND SWITCH ACTIVATR.....	2				
5	75050	BOLT SET,NYLON,1/4-20 W/NUT.... <i>includes flange nut</i>	2				
6	14295	WASHER,SHIM,.265 X .5 X .030					
7	75003	FORMING,SWITCH MOUNT.....	2				
8	60987	SWITCH,LIMIT,PROX(OPERATIONAL).	4				
9	61255	CLAMP,NYLON LOOP.....	2				
10	49819	SCREW,PHILLIPS,PHM,10-32 X .5					
11	6178	NUT,NYLOCK,10-32					
12	75006-S	FORMING,INNER AXLE COVER.....	4				
13	6090	SCREW,HHC,1/4-20 X .75					
14	6356	WASHER,LOCK,.25					
15	6638	WASHER,FLAT,USS,1/4"Y					
16	56912	SPRING CLIP,1/4-20,.025-.15X.5					
17	18596	WASHER,FLAT,1.56 X 2.5 X .061					
18	61604	PIN,CLEVIS, 1.50 X 4.465LONG.....	4				
19	75063	PIN,COTTER,.188 X 2.00 LONG.....	4				
20	75038	PIN,AXLE STOP.....	4				
21	75040	SHIM,AXLE PIN					
22	75039-S	PLATE,AXLE PIN RETAINER.....	4				
23	10597	SCREW,HHC,1/2-13 X 1.25 GR5					
24	6033	WASHER,LOCK,0.5"					
25	75002	WEARPAD,AXLE EXTEND SWITCH.....	4				
26	75036	LIMIT SWITCH,SAFETY.....	2				
--	53983	STRAIN RELIEF, PG13,5					
--	75910	WIRE ASSEMBLY,16/4SJO,9.5"PLUG					
--	75913	LIMIT SWITCH, SAFETY,NO WIRE					
27	49817	SCREW,PHILLIPS,PHM,10-32 X1.25					
28	6607	WASHER,LOCK,#10 PLTD					
29	75001	FORMING,AXLE LIMIT SWITCH RETN.....	2				
30	75060	SCREW,HEX HD FLANGE 1/4-20X1/2					
31	61381	CYLINDER,AXLE EXTENSION*.....	2				
--	33428	VALVE,COUNTERBALANCE					
--	43618	DECAL,LABEL-DIRECTION ARROWS					

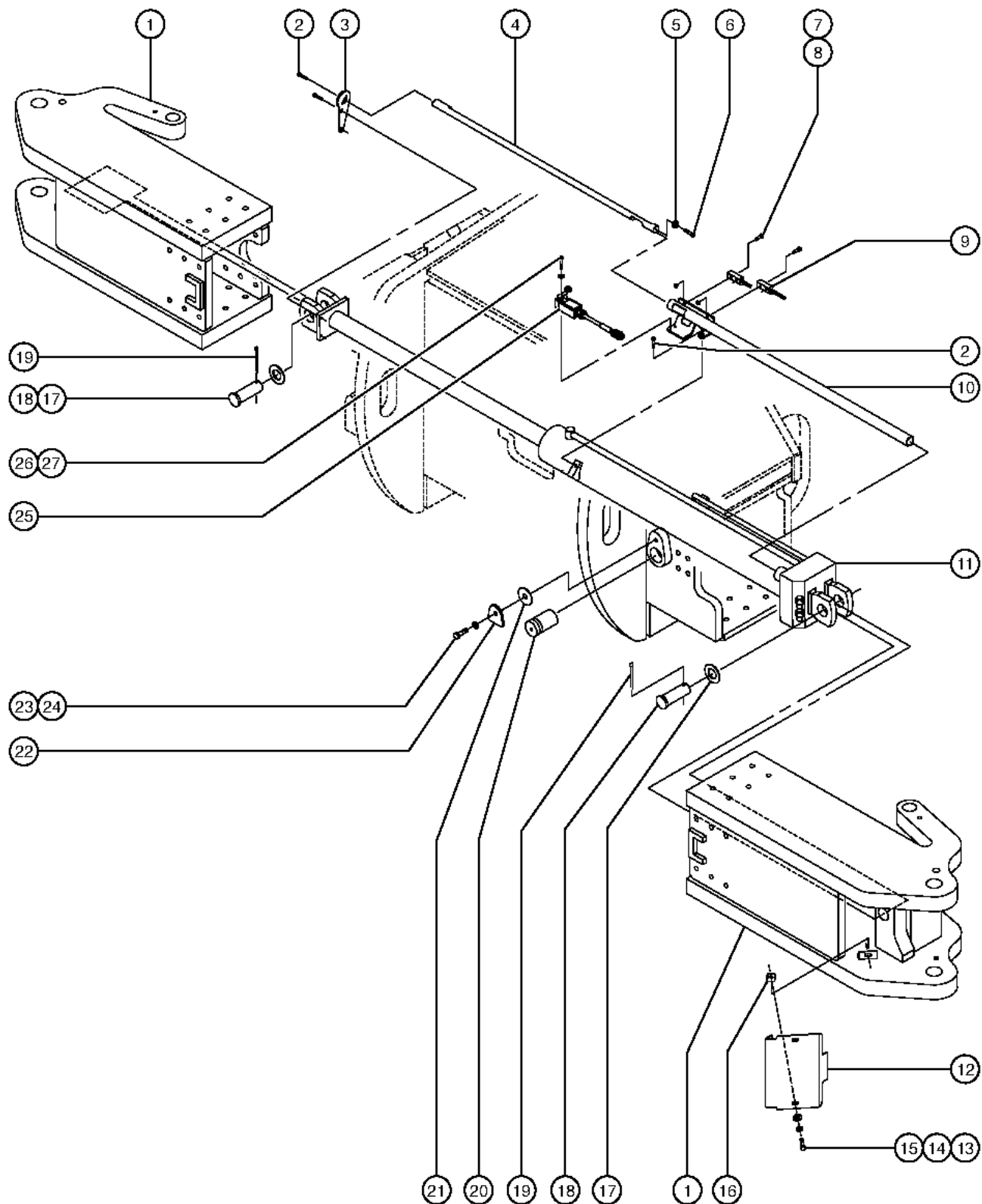
202.1 Extendable Steer Axle Installation - View 2 (to SN 403)



202.1 Extendable Steer Axle Installation - View 2 (to SN 403)

Item	Part No.	Description	Qty.
1	14033	SCREW,HHC,3/8-16 X 2.75	
2	4828	NUT,NYLOCK,3/8-16	
3	60980	PIN,1.50DIA X 4.13LG,THREADED.12	
4	18396	BEARING,1.5ID X 1.75OD X 1.0L.....8	
5	60753-S	FORMING,BULKHEAD MOUNT.....4	
6	61281-S	FORMING,BULKHEAD COVER.....2	
--	60941-S	COVER,BULKHEAD	
7	6175	SCREW,HHC,3/8-16 X 1	
8	8255	SCREW,HHC,3/8-16 X .75	
9	6021	WASHER,LOCK,.375	
10	50060-S	CYLINDER,STEERING W/DECAL...4 <i>includes item 4</i>	
--	65793	SEAL KIT CYL ***	
11	61310-S	PLATE,AXLE WEAR STEEL.....4	
12	61307	SHIM,INNER AXLE WEAR PAD	
13	22788	SCREW,HHC,1/2-13 X 1.75	
14	6033	WASHER,LOCK,0.5"	
15	39479	SCREW,HHC,1/2-13 X 2.75	
16	61308	WEAR PAD,INNER AXLE SIDE.....16	
17	122249	SHIM,PAD 2.0 X 6.60	
18	122248	SHIM,PAD,10 X 6.10	
19	61309	WEAR PAD,INNER AXLE.....4	
20	61368-S	INNER AXLE,MACHINED.....1	
21	45226	ROD END,.375 X 3.69.....2	
22	6326	SCREW,HHC,3/8-16 X 3	
23	60555	WASHER,THRUST 5 X 1.81 BRONZE	
24	60617	WELDMENT,AXLE KING PIN.....8	
25	119620	BEARING,1.75ID X 2.00OD X 1.50L....8	
26	62440-S	YOKE ASSEMBLY,SUPERBOOM....4 <i>includes items 25 and 27</i>	
27	119619	BEARING,1.5ID X 1.75OD X 1.5L,PTFE.4	
28	10597	SCREW,HHC,1/2-13 X 1.25 GR5	
29	60747	SHIM,STEER SENSOR ACTIVATOR.....4	
30	60618	ACTIVATOR,STEER SENSOR.....4	
31	49819	SCREW,PHILLIPS,PHM,10-32 X .5	
32	6607	WASHER,LOCK,#10 PLTD	
33	60745	SHIM,GALVANIZED STEER YOKE	

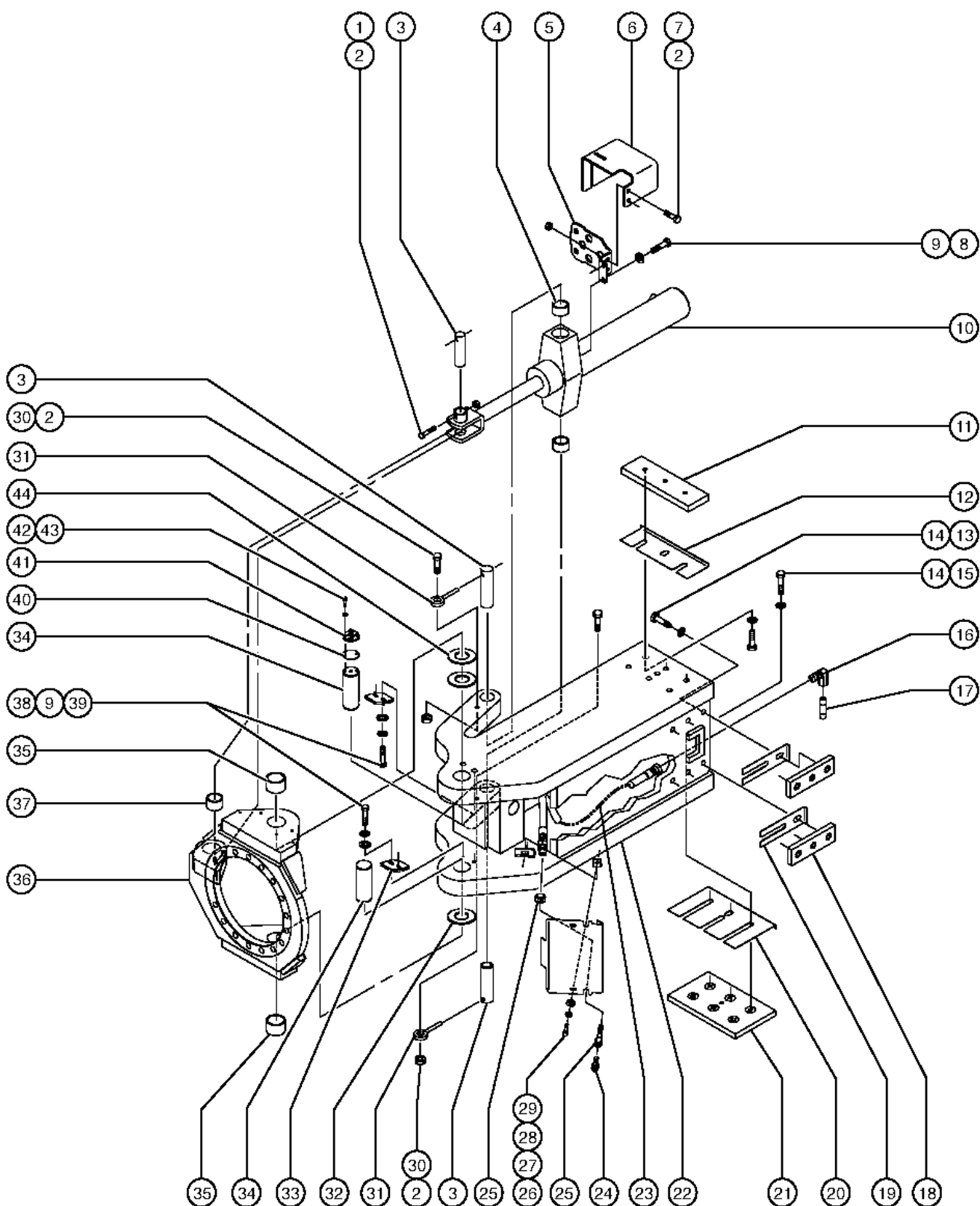
203.1 Extendable Steer Axle Installation - View 1 (from SN 404)



203.1 Extendable Steer Axle Installation - View 1 (from SN 404)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	75404	HARNESS,DCON 4WS to SN 1195		--	75913	LIMIT SWITCH, SAFETY,NO WIRE	
--	102704	HARNESS,DCON,4WS from SN 1196		26	49817	SCREW,PHILLIPS,PHM,10-32 X1.25	
--	75637	CLAMP,NYL DBL GRIP 1.50 - 1.63		27	6607	WASHER,LOCK,#10 PLTD	
1	61634-S	MACHINING,INNER AXLE.....4					
2	75060	SCREW,HEX HD FLANGE 1/4-20X1/2					
3	61682P	BRACKET,SWITCH ROD MOUNT,PNTED.....2					
4	61683	ROD,SWITCH ACTIVATING.....2					
5	61684	WEARPAD,ACTIVATING ROD.....2					
6	8514	SCREW,FHS,1/4-20 X .75					
7	49819	SCREW,PHILLIPS,PHM,10-32 X .5					
8	6178	NUT,NYLOCK,10-32					
9	60987	SWITCH,LIMIT,PROX(OPERATIONAL).4					
10	61688	WELDMENT,AXLE SWITCH.....1					
11	89536	CYLINDER,AXLE EXTEND***.....2					
--	226803	SEAL KIT (89536) for 89536					
--	33428	VALVE,COUNTERBALANCE					
--	43018	SEAL KIT (39345)					
--	62416	SEAL KIT,AXLE EXTEND CYL,61381 for 61381					
--	62419	VALVE,CB.CBBC-LHN@2200*					
12	61654P	FORMING,INNER AXLE COVER,PNTED.....4					
13	6090	SCREW,HHC,1/4-20 X .75					
14	6356	WASHER,LOCK,.25					
15	6638	WASHER,FLAT,USS,1/4"Y					
16	56912	SPRING CLIP,1/4-20,.025-.15X.5					
17	18596	WASHER,FLAT,1.56 X 2.5 X .061					
18	61604	PIN,CLEVIS, 1.50 X 4.465LONG.....4					
19	75063	PIN,COTTER,.188 X 2.00 LONG					
20	75038	PIN,AXLE STOP.....4					
21	75040	SHIM,AXLE PIN					
22	75039-S	PLATE,AXLE PIN RETAINER.....4					
23	10597	SCREW,HHC,1/2-13 X 1.25 GR5					
24	6033	WASHER,LOCK,0.5"					
25	75036	LIMIT SWITCH,SAFETY.....2					
--	53983	STRAIN RELIEF, PG13,5					
--	75910	WIRE ASSEMBLY,16/4SJO,9.5"PLUG					

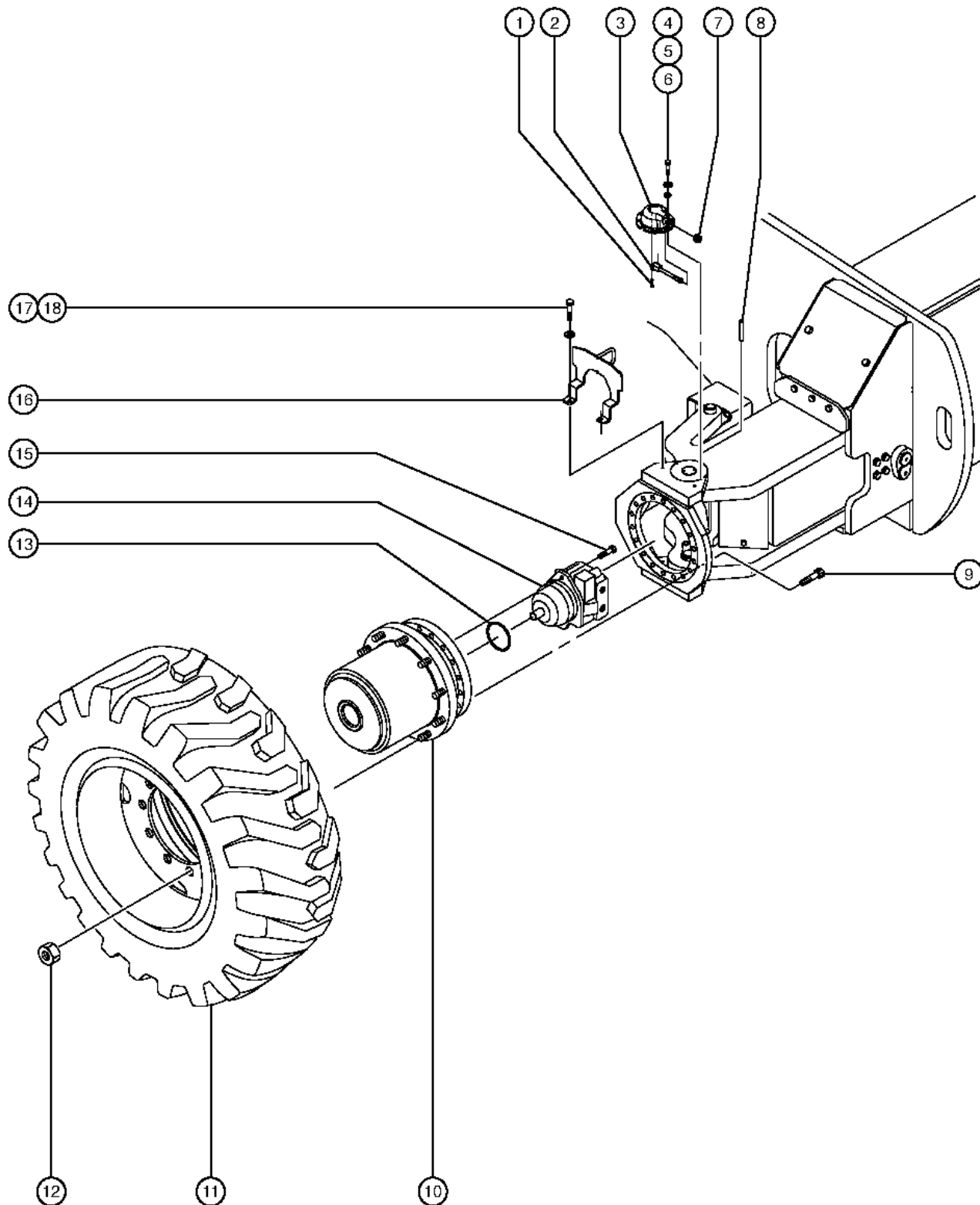
204.1 Extendable Steer Axle Installation - View 2 (from SN 404)



204.1 Extendable Steer Axle Installation - View 2 (from SN 404)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	14033	SCREW,HHC,3/8-16 X 2.75		31	45226	ROD END,.375 X 3.69.....	8
2	4828	NUT,NYLOCK,3/8-16		32	60555	WASHER,THRUST 5 X 1.81 BRONZE	
3	60980	PIN,1.50DIA X 4.13LG,THREADED.12		33	75088	PLATE,KING PIN RETAINER.....	8
4	18396	BEARING,1.5IDX1.75ODX1.0L.....	8	34	75087	PIN,AXLE KING.....	8
5	75247P	FORMING,BULKHEAD MOUNT,PAINTED.....	4	35	119620	BEARING,1.75IDX2.00ODX1.50L.....	8
6	61281-S	FORMING,BULKHEAD COVER.....	2	36	75452-S	YOKE ASSEMBLY,SUPERBOOM,NRRW... <i>includes items 35 and 37</i>	
--	60941-S	COVER,BULKHEAD		37	119619	BEARING,1.5IDX1.75ODX1.5L,PTFE.4	
7	6175	SCREW,HHC,3/8-16 X 1		38	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5	
8	8255	SCREW,HHC,3/8-16 X .75		39	6097	WASHER,FLAT,USS,3/8",Y	
9	6021	WASHER,LOCK,.375		40	60747	SHIM,STEER SENSOR ACTIVATOR.....	4
10	50060-S	CYLINDER,STEERING W/DECAL... <i>includes item 4</i>	4	41	60618	ACTIVATOR,STEER SENSOR.....	4
--	65793	SEAL KIT CYL ***		42	49819	SCREW,PHILLIPS,PHM,10-32 X .5	
11	61310-S	PLATE,AXLE WEAR STEEL.....	4	43	6607	WASHER,LOCK,#10 PLTD	
12	61307	SHIM,INNER AXLE WEAR PAD		44	60745	SHIM,GALVANIZED STEER YOKE	
13	22788	SCREW,HHC,1/2-13 X 1.75					
14	6033	WASHER,LOCK,0.5"					
15	39479	SCREW,HHC,1/2-13 X 2.75					
16	102729	ELBOW,90D,1/8 NPT X #4 JIC..... <i>from SN 1051</i>	4				
17	102728	NIPPLE,1/8 NPT X 3.0 FFS-S..... <i>from SN 1051</i>	4				
18	61308	WEAR PAD,INNER AXLE SIDE.....	16				
19	122249	SHIM,PAD 2.0 X 6.60					
20	122248	SHIM,PAD,10 X 6.10					
21	61309	WEAR PAD,INNER AXLE.....	4				
22	61634-S	MACHINING,INNER AXLE.....	4				
23	49189-2338	HOSE ASSY,1/4,STR FEM,STR..... <i>from SN 1051</i>	4				
24	28646	ZERK,GREASE,1/8 NPT..... <i>from SN 1051</i>	4				
25	48885	CONNECTOR,BULKHEAD,FEMALE-4.4 <i>from SN 1051</i>					
26	6090	SCREW,HHC,1/4-20 X .75 <i>from SN 1051</i>					
27	6356	WASHER,LOCK,.25 <i>from SN 1051</i>					
28	6638	WASHER,FLAT,USS,1/4"Y <i>from SN 1051</i>					
29	56912	SPRING CLIP,1/4-20,.025-.15X.5..... <i>from SN 1051</i>	8				
30	6326	SCREW,HHC,3/8-16 X 3					

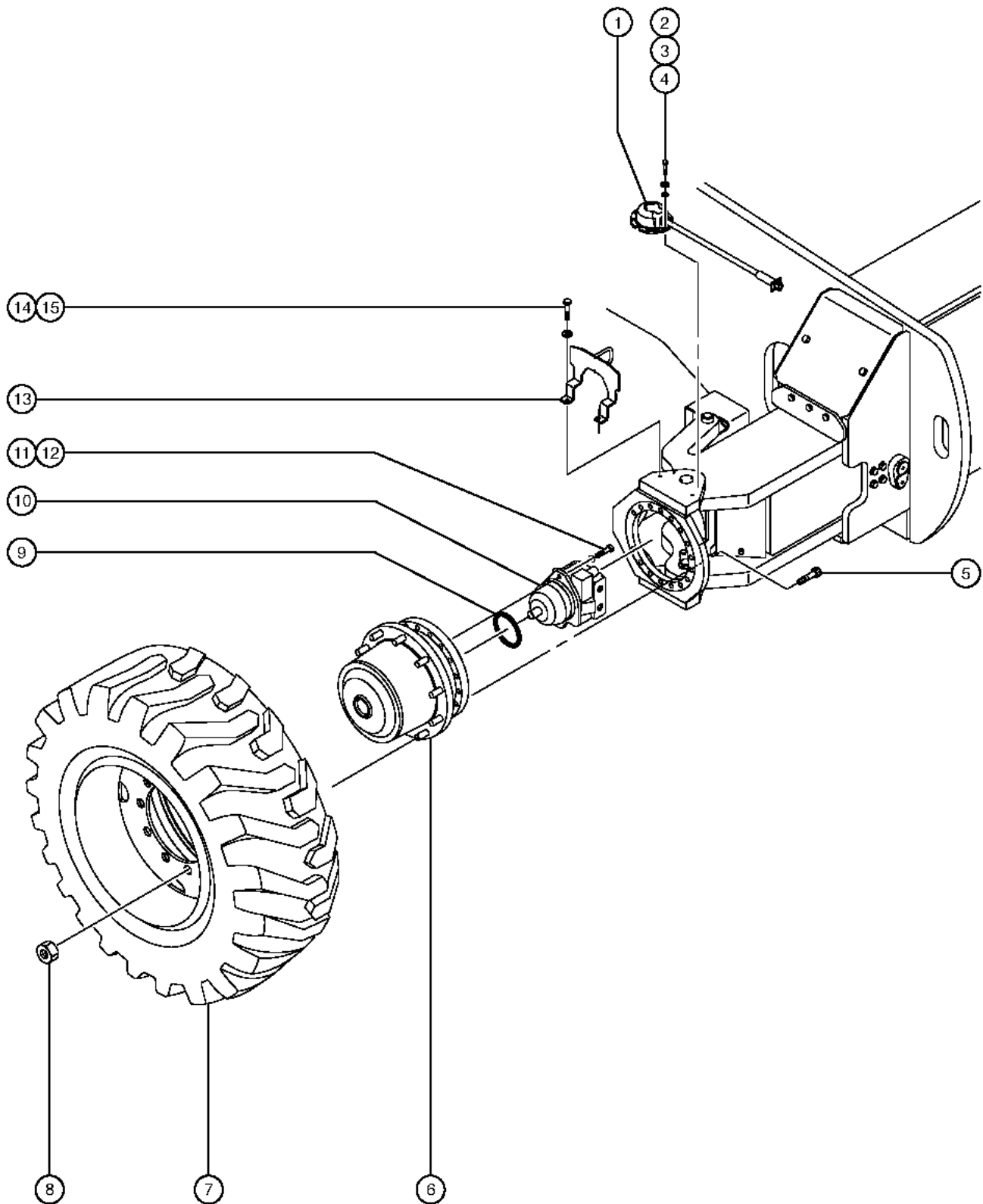
205.1 Steer Axle Wheels and Drive Hubs (to SN 403)



205.1 Steer Axle Wheels and Drive Hubs (to SN 403)

Item	Part No.	Description	Qty.
1	49817	SCREW,PHILLIPS,PHM,10-32 X1.25	
2	107867	KIT,SERVICE,STEER SENSOR.....4 <i>includes item 3</i>	
3	60609	COVER,STEERING SENSOR.....4	
4	8914	SCREW,HHC,1/4-20 X .625	
5	6356	WASHER,LOCK,.25	
6	6638	WASHER,FLAT,USS,1/4"Y	
7	60746	BUSHING, STRAIN RELIEF, 1".....4	
8	42770	PIN,DOWEL,.25X.75 STNLS STEEL	
9	60865	SCREW,SHC,M16 X 60MM,BLACK.....64 <i>use with drive hub 75090</i>	
10		Ref. Drive Hub with Brake (refer to 206.1)	
11	50032	TIRE & WHEEL ASSY LF-LR <i>Foam-filled</i>	
--	50188	TIRE & WHEEL ASSY RF-RR <i>Foam-filled</i>	
12	34127	NUT,LUG,3/4-16 X 7/8 RADIUS.....40	
13	61354	O-RING, 2-158*.....4 <i>to SN 157</i>	
14	50169	MOTOR,PISTON,2 SPEED,REXROTH.....4	
--	62403	SHAFT SEAL,50169,REXROTH MTR	
--	62404	CONTROLLER,SPEED,50169 REXROTH	
--	75400	SHAFT,OUTPUT,DRIVE MTR 50169	
--	77806	SEAL KIT,DRIVE MOTOR***	
15	56843	SCREW,SHC,1/2-13 X 1.50,A574....8	
16	60776-S	WELDMENT,GUIDE BRACKET.....4	
17	8255	SCREW,HHC,3/8-16 X .75	
18	6021	WASHER,LOCK,.375	

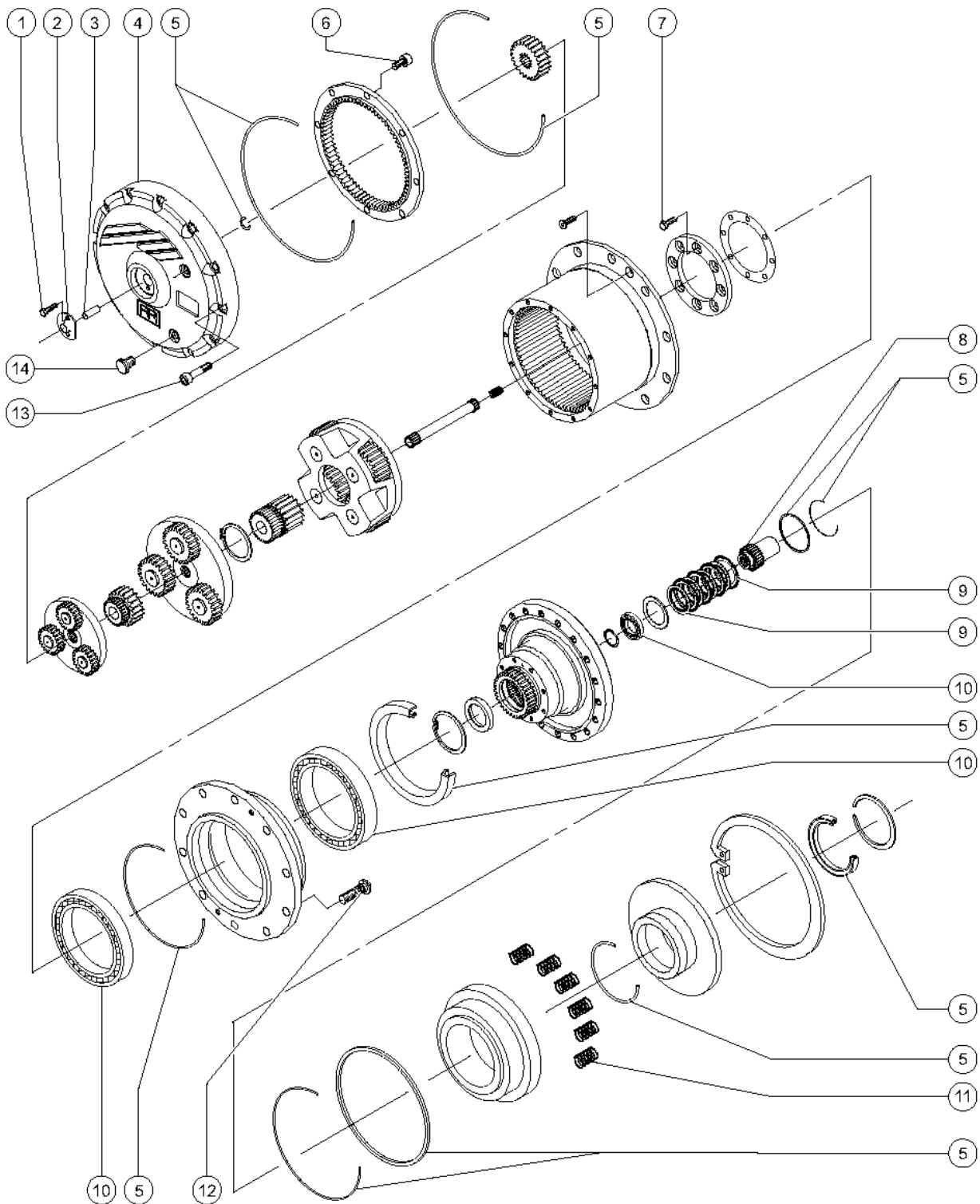
205.2 Steer Axle Wheels and Drive Hubs (from SN 404)



205.2 Steer Axle Wheels and Drive Hubs (from SN 404)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	107830	SUBASSY,STEER SENSOR***.....4 (calibration required after replacement)		--	75400	SHAFT,OUTPUT,DRIVE MTR 50169 part of piston motor 50169	
--	49817	SCREW,PHILLIPS,PHM,10-32 X1.25		--	139345	KIT,REX TO SAUER DRIVE MOTOR.....1 Must order this kit for first time replacement, includes 4 each piston motor part 101070	
2	8914	SCREW,HHC,1/4-20 X .625		--	101070	MOTOR,PISTON,2 SPEED,45CC....4 includes item 9; includes serial numbers 1022, 1024, 1026, 1032, 1033, 1036, 1037, 1039-1055; from SN 1085	
3	6356	WASHER,LOCK,.25		--	106098	SEAL KIT,MOTOR,LC/KC*** part of piston motor 101070	
4	6638	WASHER,FLAT,USS,1/4"Y		11	56843	SCREW,SHC,1/2-13 X 1.50,A574....8 to SN 3038	
5	102064	SCREW,SHC,M16 X 50MM,BLACK.....64 use with drive hub 89212 or 106756		--	10597	SCREW,HHC,1/2-13 X 1.25 GR5 from SN 3039	
6		Ref. Drive Hub with Brake (refer to 206.2)		12	13066	WASHER,FLAT,.5 HARDENED	
7	50032	TIRE & WHEEL ASSY LF-LR Foam-filled; to SN 3274		13	61662-S	WELDMENT,GUIDE BRACKET.....4	
--	T111702	ASSY,TIRE,445D50/710,LH (Foam-filled, left); from SN 3275		14	8255	SCREW,HHC,3/8-16 X .75	
--	50188	TIRE & WHEEL ASSY RF-RR Foam-filled; to SN 3274		15	6021	WASHER,LOCK,.375	
--	T111703	ASSY,TIRE,445D50/710,RH (Foam-filled, right); from SN 3275					
--	227796	TIRE & WHEEL ASSY LF-LR RT, Foam-filled RNU, left; to SN 3274					
--	227797	TIRE & WHEEL ASSY RF-RR RT, Foam-filled RNU, right; to SN 3274					
--	233565	TIRE & WHEEL ASSY, LH Foam-filled RNU, left; from SN 3275					
--	233566	TIRE & WHEEL ASSY, RH Foam-filled RNU, right; from SN 3275					
--	149284	TIRE,SLD RUBBER,RT,445/65D22.5 RT, Solid, right					
--	149283	TIRE,SLD RUBBER,LF,445/65D22.5 RT, Solid, left					
8	34127	NUT,LUG,3/4-16 X 7/8 RADIUS....40					
9	106118	O-RING,2-157,VITON***.....4					
10	50169	MOTOR,PISTON,2 SPEED,REXROTH.....4 includes serial numbers 1023, 1025, 1027-1031, 1034, 1035, 1038 and 1056-1084; to SN 1021					
--	77806	SEAL KIT,DRIVE MOTOR*** part of piston motor 50169					
--	62403	SHAFT SEAL,50169,REXROTH MTR part of piston motor 50169					
--	62404	CONTROLLER,SPEED,50169 REXROTH part of piston motor 50169					

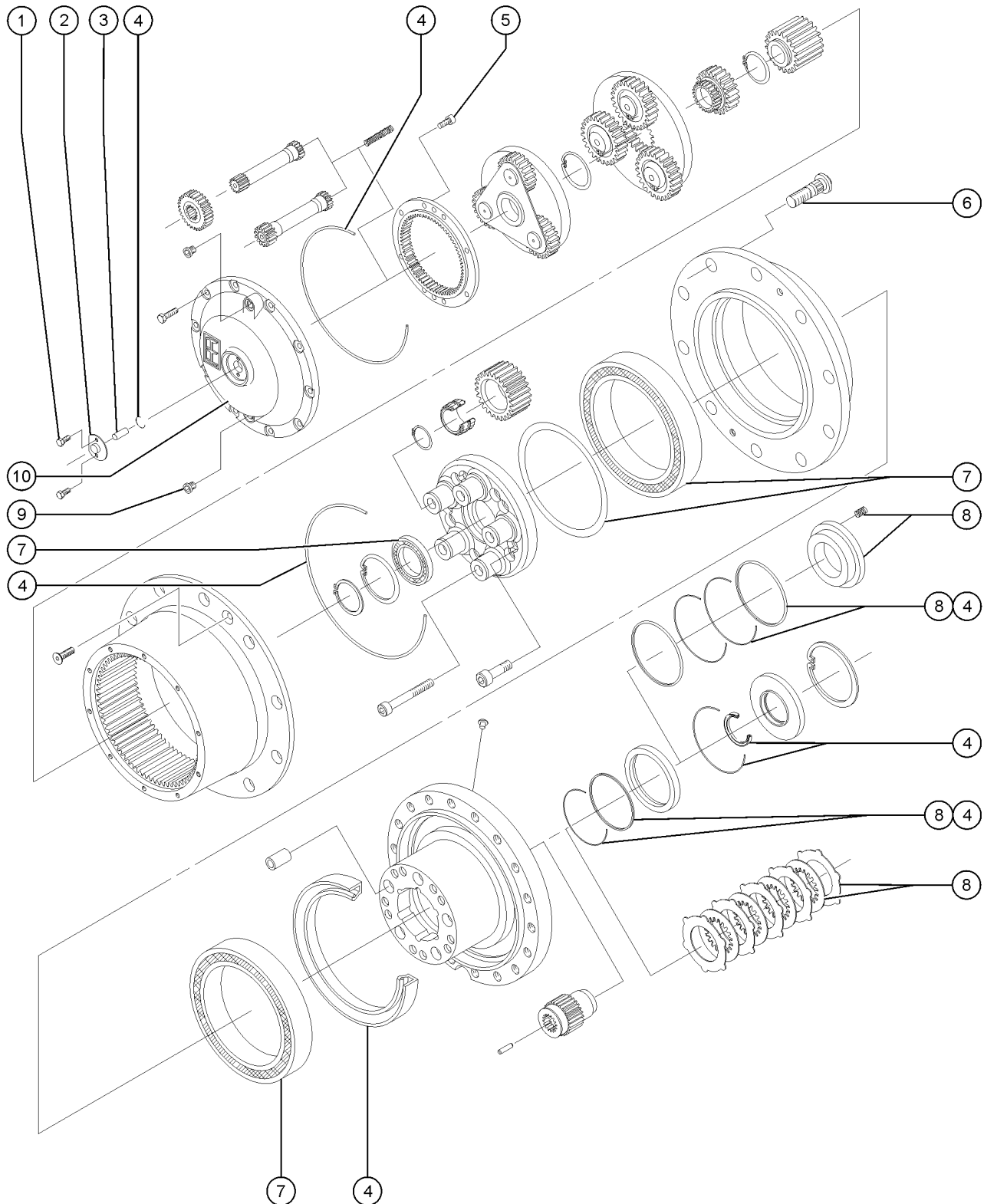
206.1 Drive Hub Assembly with Brake (to SN 842)



206.1 Drive Hub Assembly with Brake (to SN 842)

Item	Part No.	Description	Qty.
--	75090	GEARBOX,WHEEL DRIV W/BRAKE,SLD	
1	7339	SCREW,HHC,1/4-20 X .5	
2	62472	CAP,MANUAL DISENGAGE,75090.....1	1
3	62473	PIN,DISENGAGE CAP, 75090.....1	1
4	62474	COVER-END, 75090 DRIVE HUB....1	1
5	58317	SEAL KIT,BRAKE,DRIVE HUB,S125.....1	1
6	62476	SCREW,SHC,M10X1.5X20MM (75090)	
7	62477	SCREW,SHC,M10X1.5X80MM (75090)	
8	62479	SHAFT,INPUT,DRIVE HUB 75090.....1	1
9	62468	BRAKE DISC KIT,75090.....1	1
10	62464	BEARING KIT,DRIVE HUB SUPRBOOM.....1	1
11	230979	SPRING,BRAKE,DRIVE 75090.....6 <i>single spring</i>	6
12	62478	STUD, WHEEL, 3/4-16 X 3 ¹ / ₂ ***	
13	62475	SCREW,SHC,M10X1.5X40MM (75090)	
14	75107	PLUG,DRAIN,RR TRANS.DRIVE HUBS.....2	2

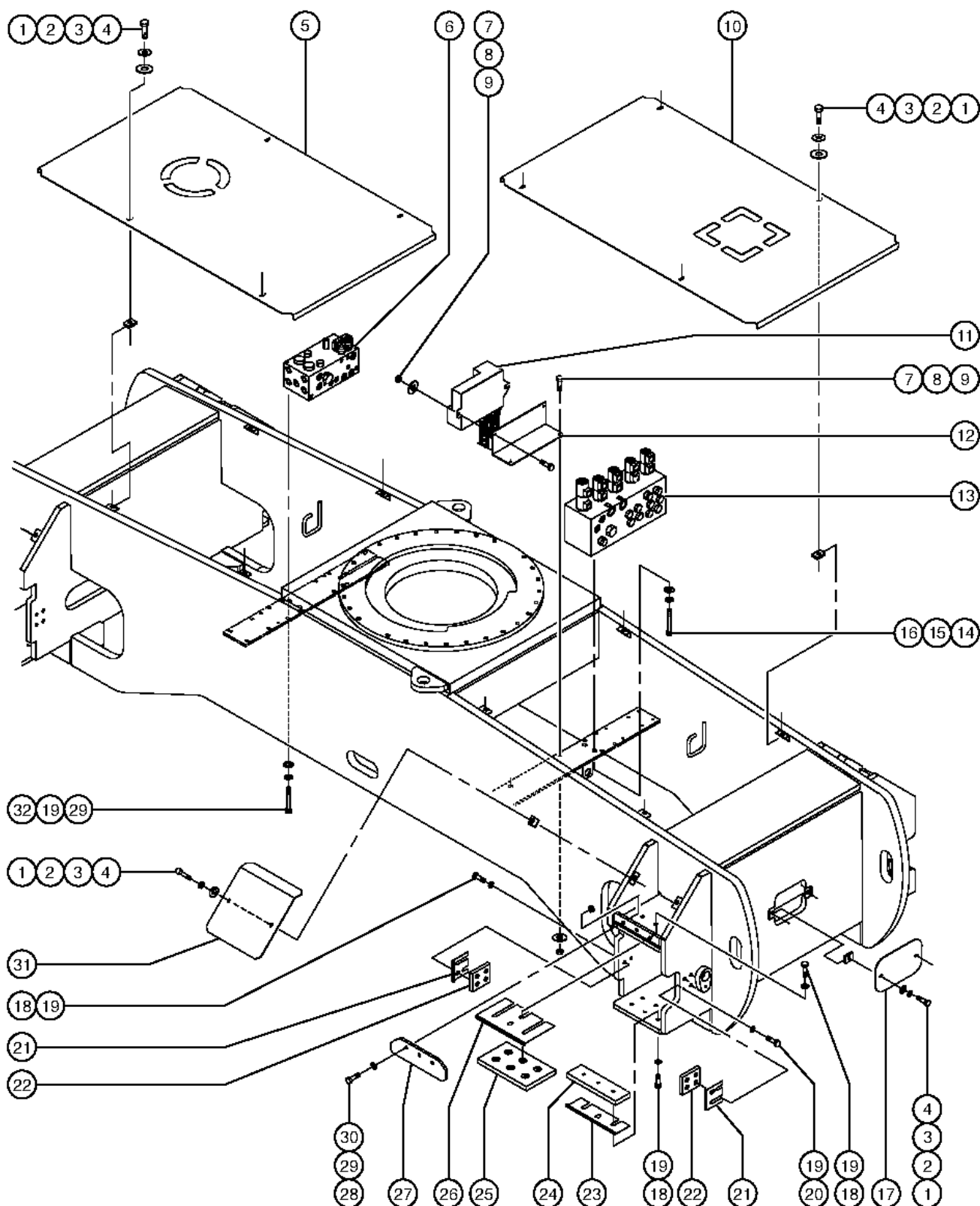
206.2 Drive Hub Assembly with Brake (from SN 843)



206.2 Drive Hub Assembly with Brake (from SN 843)

Item	Part No.	Description	Qty.
--	89212	WHEEL DRIVE W/BRAKE,85:1 to SN 1195	
--	106756	WHEEL DRIVE W/BRAKE,76:1 from SN 1196	
1	7339	SCREW,HHC,1/4-20 X .5	
2	102449	CAP,MANUAL DISENGAGE (89212).....	1
3	102450	PIN,DISENGAGE CAP, 89212.....	1
4	106873	SEAL KIT,RWD 1700TB***.....	1
5	102452	SCREW,M8X1.5X20MM GR8.8(89212)	
6	62478	STUD, WHEEL, 3/4-16 X 3"***.....	10
7	106874	BEARING KIT,RWD 1700TB***.....	1
8	106875	BRAKE KIT,RWD 1700TB.....	1
9	102684	PLUG,DRAIN,RR TRANS.DRIVE HUBS.....	2
10	237233	WHEEL COVER,Z135 from SN 1196	
--	237232	WHEEL COVER,O-RING (FOR 237233) from SN 1196	

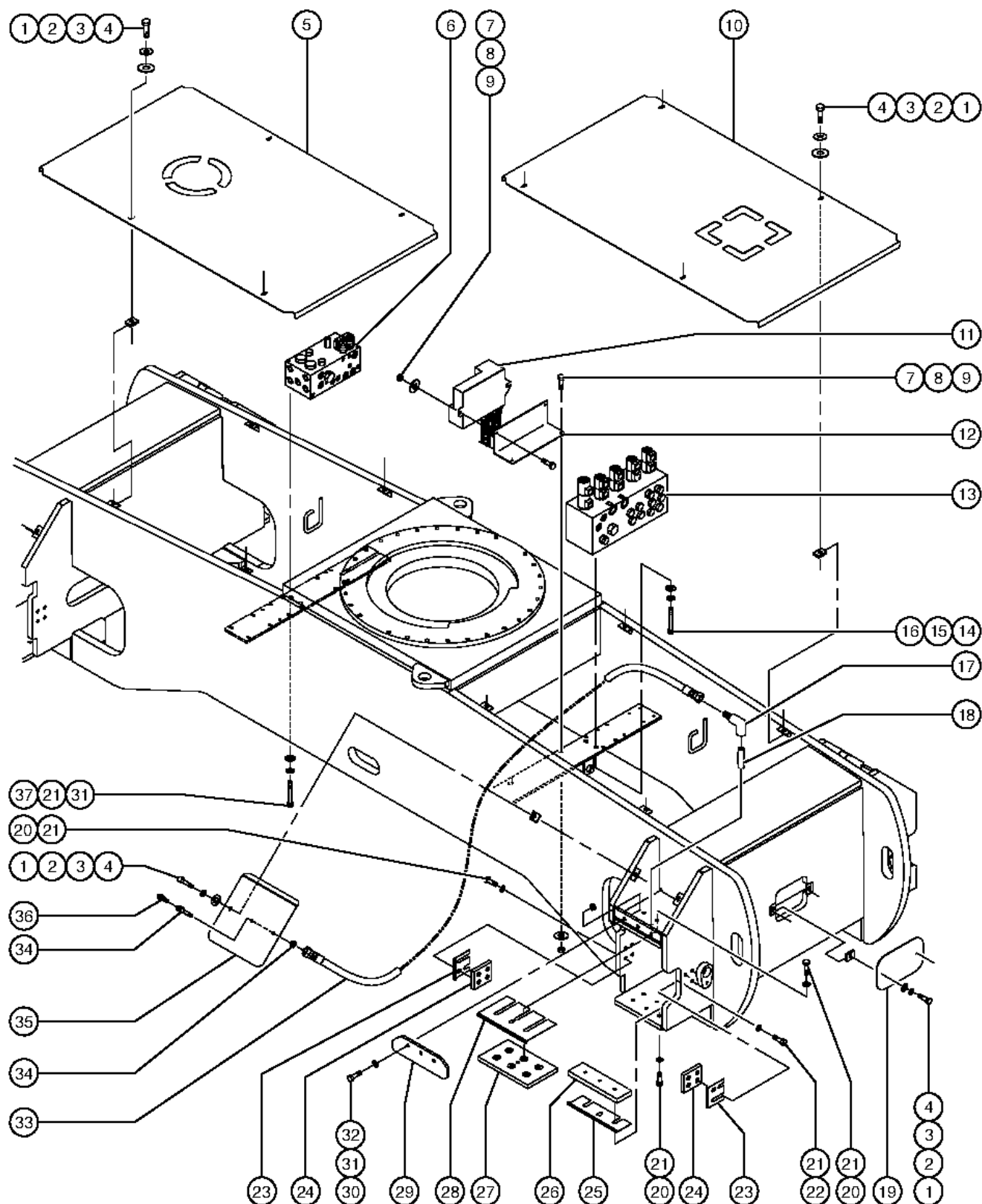
207.1 Chassis Components (to SN 403)



207.1 Chassis Components (to SN 403)

Item	Part No.	Description	Qty.
1	6888	SCREW,HHC,1/4-20 X 1	
2	6356	WASHER,LOCK, .25	
3	6638	WASHER,FLAT,USS,1/4"Y	
4	56912	SPRING CLIP,1/4-20,.025-.15X.5	
5	62470-S	COVER ASSY,DRIVE CHASSIS S120.....	1
6		Ref. Traction Manifold (refer to 701.1)	
7	6782	NUT,NYLOCK,5/16-18	
8	5397	WASHER,FLAT,USS,5/16",Y	
9	10107	SCREW,HHC,5/16-18 X .75	
10	62471-S	COVER ASSY,DRIVE CHASSIS S120*.....	1
11	50154	CONTROL BOX ASSY,DRIVECHASSIS.....	1
--	60387	HARNESS,DCON 4WS	
12	61378-S	FORMING,DCON MOUNT,PAINTED.....	1
13		Ref. Steer and Axle Extend/Retract Manifold (refer to 702.1 or 703.1)	
14	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5	
15	6021	WASHER,LOCK, .375	
16	6097	WASHER,FLAT,USS,3/8",Y	
17	61239-S	COVER,DRIVE CHASSIS END PAINT.....	2
18	8177	SCREW,HHC,1/2-13 X 1.5	
19	6033	WASHER,LOCK,0.5"	
20	22788	SCREW,HHC,1/2-13 X 1.75	
21	122247	SHIM,PAD,4 X 3.60	
22	61302	WEAR PAD,INNER AXLE SIDE.....	8
23	61307	SHIM,INNER AXLE WEAR PAD	
24	61310-S	PLATE,AXLE WEAR STEEL.....	4
25	61309	WEAR PAD,INNER AXLE.....	4
26	122248	SHIM,PAD,10 X 6.10	
27	60418-S	PLATE,WEAR PAD RETENTION.....	4
28	6096	SCREW,HHC,1/2-13 X 2 GR5	
29	6095	WASHER,FLAT,USS,1/2",Y	
30	6198	NUT,NYLOCK,1/2-13	
31	60416-S	COVER,DRIVE CHASSIS AXLE.....	4
32	10597	SCREW,HHC,1/2-13 X 1.25 GR5	

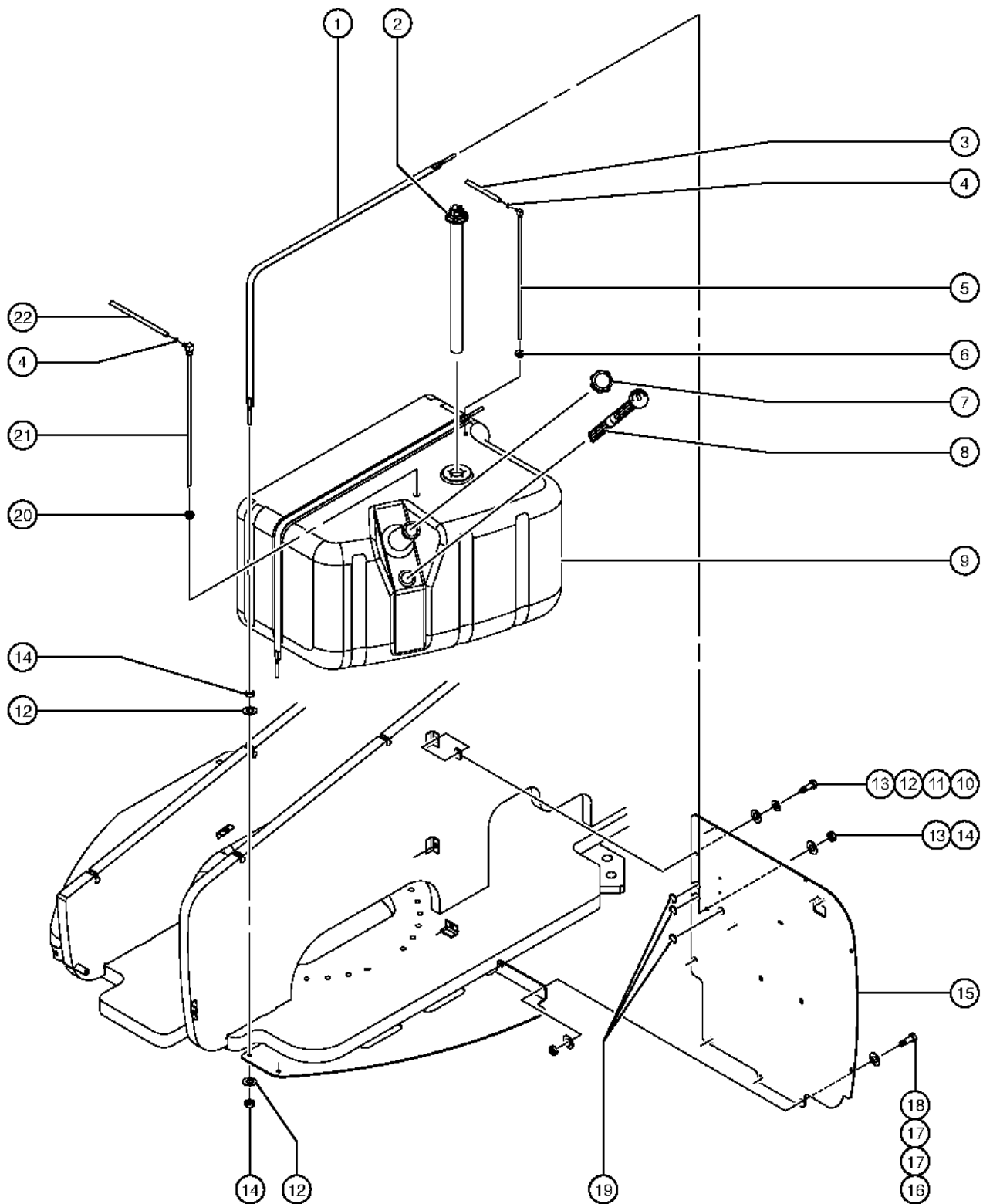
207.2 Chassis Components (from SN 404)



207.2 Chassis Components (from SN 404)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	6888	SCREW,HHC,1/4-20 X 1		30	6096	SCREW,HHC,1/2-13 X 2 GR5	
2	6356	WASHER,LOCK,,25		31	6095	WASHER,FLAT,USS,1/2",Y	
3	6638	WASHER,FLAT,USS,1/4"Y		32	6198	NUT,NYLOCK,1/2-13	
4	56912	SPRING CLIP,1/4-20,.025-.15X.5		33	49189-2338	HOSE ASSY,1/4,STR FEM,STR.....4 from SN 1051	
5	62470-S	COVER ASSY,DRIVE CHASSIS S120.....1	1	34	48885	CONNECTOR,BULKHEAD,FEMALE-4.4	
6		Ref. Traction Manifold (refer to 701.2)		35	61649-S	COVER,DRIVE CHASSIS AXLE.....4	
7	6782	NUT,NYLOCK,5/16-18		36	28646	ZERK,GREASE,1/8 NPT.....4 from SN 1051	
8	5397	WASHER,FLAT,USS,5/16",Y		37	10597	SCREW,HHC,1/2-13 X 1.25 GR5	
9	10107	SCREW,HHC,5/16-18 X .75					
10	62471-S	COVER ASSY,DRIVE CHASSIS S120*.....1	1				
11	50154	CONTROL BOX ASSY,DRIVECHASSIS.....1	1				
--	102704	HARNESS,DCON,4WS from SN 1196					
--	73742	BOOT,PLUG 3 WAY from SN 1196					
--	75404	HARNESS,DCON 4WS to SN 1195					
12	61378-S	FORMING,DCON MOUNT,PAINTED.....1	1				
13		Ref. Steer and Axle Extend/Retract Manifold (refer to 704.1 or 705.1)					
14	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5					
15	6021	WASHER,LOCK,,375					
16	6097	WASHER,FLAT,USS,3/8",Y					
17	102729	ELBOW,90D,1/8 NPT X #4 JIC.....4 from SN 1051	4				
18	61742	NIPPLE,PIPE,LONG 1/8 X 1.5.....4 from SN 1051	4				
19	61663P	COVER,DRIVE CHASSIS END**.....2	2				
20	8177	SCREW,HHC,1/2-13 X 1.5					
21	6033	WASHER,LOCK,0.5"					
22	22788	SCREW,HHC,1/2-13 X 1.75					
23	122247	SHIM,PAD,4 X 3.60					
24	61302	WEAR PAD,INNER AXLE SIDE.....8	8				
25	61307	SHIM,INNER AXLE WEAR PAD					
26	61310-S	PLATE,AXLE WEAR STEEL.....4	4				
27	61309	WEAR PAD,INNER AXLE.....4	4				
28	122248	SHIM,PAD,10 X 6.10					
29	60418-S	PLATE,WEAR PAD RETENTION.....4	4				

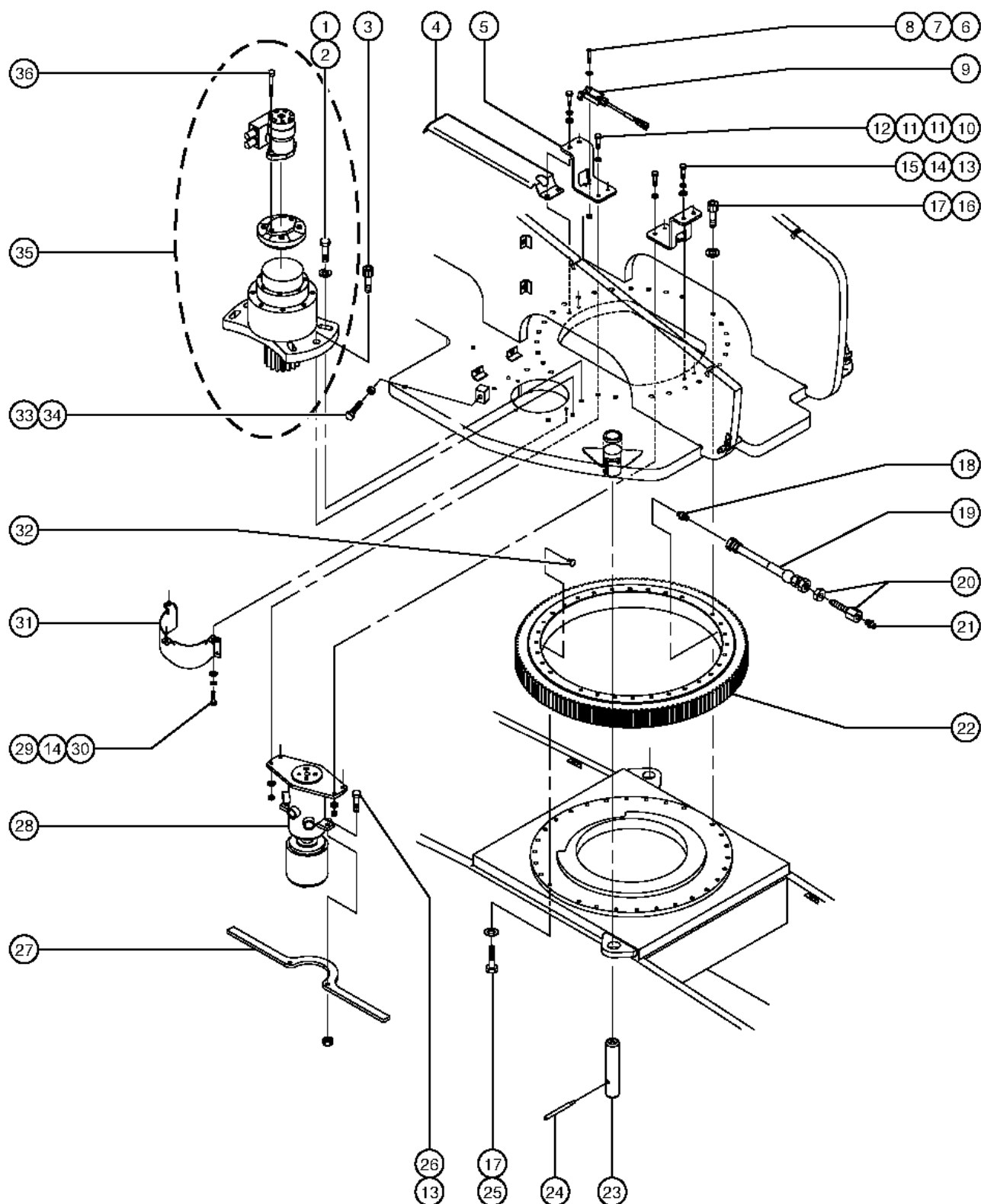
301.1 Fuel Tank Installation



301.1 Fuel Tank Installation

Item	Part No.	Description	Qty.
1	60938	STRAP ASSY,FUEL TANK 52".....	2
--	31658	EXTRUSION,RUBBER BUMPER STRIP	
2	60890	SENDER,LOW FUEL INDICATOR.....	1
3	35418	HOSE,FUEL,3/16,SAE 30R7	
--	35418	HOSE,FUEL,3/16,SAE 30R7	
4	21465	CLAMP,HOSE,SIZE .25 TO .63.....	2
5	102106	FUEL RETURN,DAPCO 5/16".....	1
--	70387	FUEL RETURN,DAPCO 3/8"	
--	88091	FUEL RETURN,DAPCO 1/4"	
6	61240	BUSHING,FUEL TANK FITTING (SM).....	1
7	101726	CAP,FUEL,DIESEL,1/8"VENT(GRN),	1
8	60492	GAUGE,FUEL LEVEL 17" REMOTE.....	1
		<i>to SN 776</i>	
9	61236	ASSEMBLY,FUEL TANK,40 GAL.....	1
		<i>includes items 2, 6, 20 and 21</i>	
10	6888	SCREW,HHC,1/4-20 X 1	
11	6356	WASHER,LOCK,.25	
12	6638	WASHER,FLAT,USS,1/4"Y	
13	56912	SPRING CLIP,1/4-20,.025-.15X.5	
14	6054	NUT,HEX,3/8-24	
15	60482-S	PLATE,FUEL TANK BULKHEAD.....	1
		<i>to SN 329</i>	
--	75554P	PLATE, FUEL TRAY BULKHEAD, PTD	
		<i>from SN 330</i>	
16	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5	
17	6097	WASHER,FLAT,USS,3/8",Y	
18	4828	NUT,NYLOCK,3/8-16	
19	60584	GROMMET,RUBBER .75 X .19 X 1**	3
20	61235	BUSHING,FUEL TANK FITTING (LG).....	1
21	60805	TUBE ASSY,FUEL TANK,20.75"LG.....	1
22	42941	HOSE,3/8",FUEL,30R7	

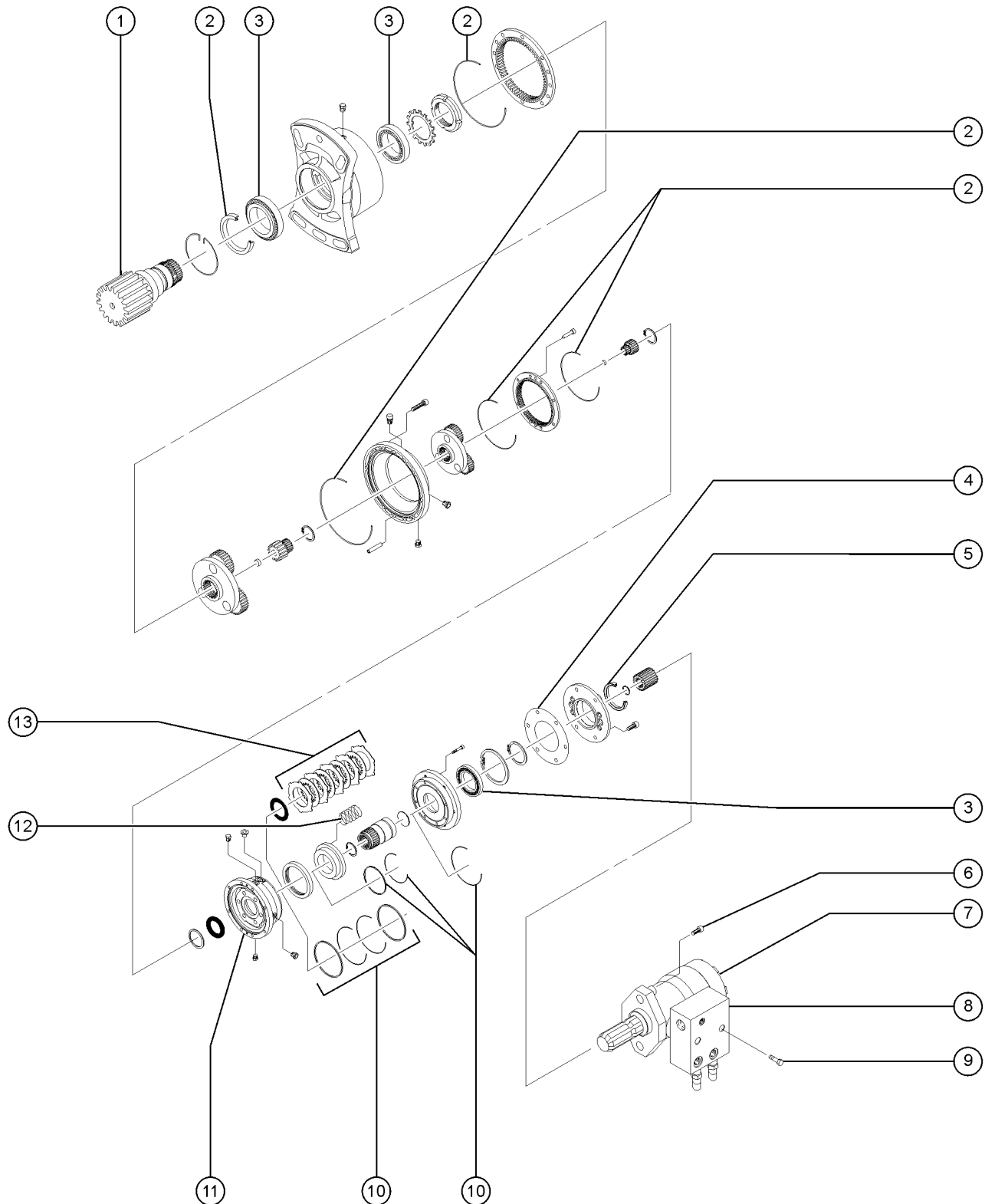
302.1 Turntable Rotator and Hydraulic Rotary Coupler Installation



302.1 Turntable Rotator and Hydraulic Rotary Coupler Installation

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	34348	SCREW,HHC,3/4-10 X 3 GRD.8.....5		--	122918	SWIVEL,HYD/ELEC 5 PORT/10 CONT <i>(complete) replaces swivel assemblies 61342, 89437 and 107533; from SN 404</i>	
2	89833	WASHER,FLAT,.81 X 2.00 X .38.....5		--	122919	SWIVEL,ELECTRIC 10 CONTACT*** <i>part of swivel assembly 122918</i>	
3	60815	SCREW,SHS,3/4-10 X 1.5		--	75126	SWIVEL,HYDRAULIC,5 PORT <i>part of swivel assemblies 61342, 89437 and 107533</i>	
4	60937-S	FORMING,HOSE SUPPORT,SWING.....1		--	T106954	SEAL, O-RING LIP <i>part of swivel assemblies 61342, 89437 and 107533</i>	
5	60575-S	BRACKET,HYD.ROTATOR MOUNT MNT.....2		--	T106955	SEAL, POLY, CHAMFER <i>part of swivel assemblies 61342, 89437 and 107533</i>	
6	49775	SCREW,PHILLIPS,PHM,10-32X 1.75		--	T106956	SEAL, O-RING, SQUARE <i>part of swivel assemblies 61342, 89437 and 107533</i>	
7	6146	WASHER,FLAT,MS,#10,Y		--	T106960	SEAL, CAP <i>part of swivel assemblies 61342, 89437 and 107533</i>	
8	6178	NUT,NYLOCK,10-32		--	75128	SPACER,SWIVEL MOUNT <i>part of swivel assemblies 61342 and 89437</i>	
9	75037	LIMIT SWITCH,OPERATIONAL.....1		--	102279	ROTATOR,ELECT,10 CONT*** <i>part of swivel assemblies 89437 and 107533</i>	
10	13918	SCREW,HHC,3/8-16 X 1.75,GRD.8.....4		--	106914	CHANNEL, MOUNTING <i>part of swivel assemblies 107533 and 122918</i>	
11	5397	WASHER,FLAT,USS,5/16",Y		--	62321	SEAL KIT,HYD SWIVEL	
12	4828	NUT,NYLOCK,3/8-16		--	75129	ARM,ANTI-ROTATION,SWIVEL	
13	6096	SCREW,HHC,1/2-13 X 2 GR5		--	10107	SCREW,HHC,5/16-18 X .75	
14	6033	WASHER,LOCK,0.5"		--	75130	SCREW,SHC,7/16-14 X .75,61342	
15	11209	WASHER,FLAT,USS,7/16",Y		29	10587	SCREW,HHC,1/2-13 X.75	
16	45495	SCREW,SHC,5/8-11 X 3.00,A574.....30		30	49410	WASHER,FLAT,M12	
17	13064	WASHER,FLAT,.625 HARDENED.....58		31	60606-S	COVER,ROTATION GEAR.....1	
18	75007	CONN.MALE PIPE/ORFS-4.....1		32	75008	PLUG,PIPE HEXHEAD 130109E-1/8.....1	
19	61324-12947	HOSE ASSY,1/4".....1		33	61128	SCREW,HHC,3/4-10 X 4 FULL THRD	
20	48885	CONNECTOR,BULKHEAD,FEMALE-4.1		34	6126	NUT,HEX,JAM,3/4-10	
21	28646	ZERK,GREASE,1/8 NPT.....1		35		Ref. Turntable Rotation Drive Hub, Motor and Brake Assembly (refer to 303.1)	
22	50035	BEARING,TURNTABLE.....1		36	56843	SCREW,SHC,1/2-13 X 1.50,A574....2	
--	227785	BEARING TURNTABLE SEAL ***					
23	61222	PIN,TRANSPORT STORAGE LOCK.....1					
24	61223	PIN,TRANSPORT STORAGE HANDLE.....1					
25	61250	SCREW,SHC,5/8-11 X 3.75,A574.....28					
26	6198	NUT,NYLOCK,1/2-13					
27	60393-S	SUPPORT,HYDRAULIC SWIVEL.....1					
28	61342	SWIVEL,HYD/ELEC 5 PORT/11 CONT.....1 <i>(complete); to SN 403</i>					
28A	75127	COUPLER, ELECT. ROT, 11 CONT <i>part of swivel assembly 61342; to SN 403</i>					

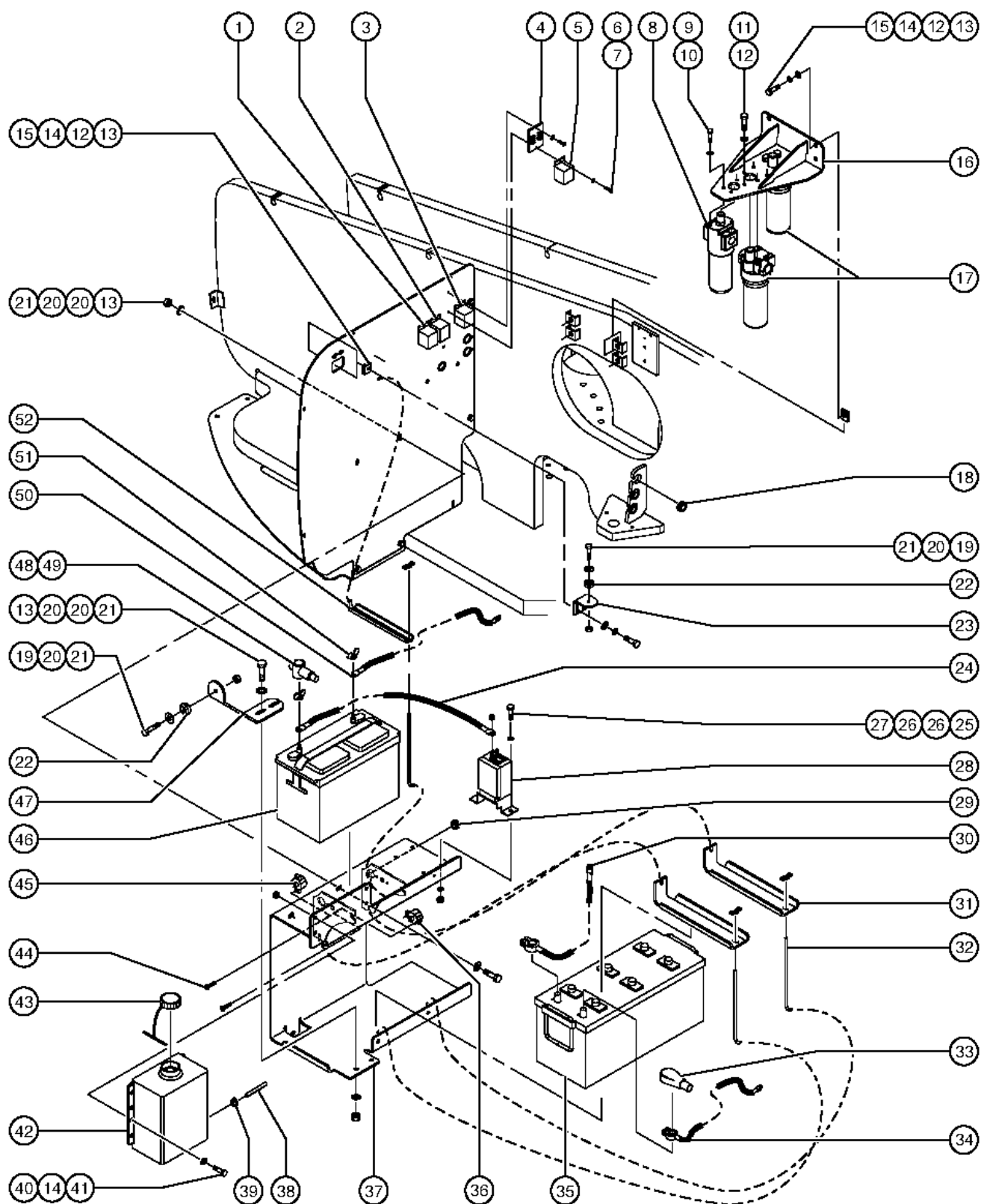
303.1 Turntable Rotation Drive Hub, Motor and Brake Assembly



303.1 Turntable Rotation Drive Hub, Motor and Brake Assembly

Item	Part No.	Description	Qty.
--	111145	SWING DRIVE ASSEMBLY	
1	75432	SHAFT-OUTPUT (60810).....	1
2	62465	SEAL KIT,DRIVE HUB,TURNTBL.ROT.....	1
3	62467	BEARING KIT,TURNTBL.ROT.DRVHUB.....	1
4	122336	GASKET,(111145).....	1
5	122337	OIL SEAL,(111145).....	1
6	56843	SCREW,SHC,1/2-13 X 1.50,A574	
7	60812	MOTOR,TURNTABL ROT.ASSY.60751..... <i>to SN 1609</i>	1
--	111144	MOTOR,SWING DRIVE (111145) <i>from SN 1610</i>	
--	75116	SEAL KIT,TURNTABL.ROT.MOTOR	
8	128447	MANIFOLD,TURNTABLE ROTATION.....	1
9	41489	SCREW,SHC,5/16-18 X 2,PLATED	
10	62466	SEAL KIT,BRAKE,TURNTABLE ROT.....	1
11	60811	BRAKE,TURNTABL ROT ASSY,60751* <i>includes items 3, 9, 11 and 12; to SN 1609</i>	
--	111143	BRAKE,SWING DRIVE (111145) <i>from SN 1610</i>	
12	75682	DISC KIT DRIVE TURNTABLE Z-60*.....	1
13	62468	BRAKE DISC KIT,75090.....	1

304.1 Batteries and Hydraulic Filters Installation (to SN 364)



304.1 Batteries and Hydraulic Filters Installation (to SN 364)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	60521	RELAY,SEALED 30/40 AMP.....1 <i>Deutz models</i>		26	6638	WASHER,FLAT,USS,1/4"Y	
2	61225	RELAY,12VDC,70AMP,SEALED.....1 <i>Deutz models</i>		27	6091	NUT,NYLOCK,1/4-20	
3	60521	RELAY,SEALED 30/40 AMP.....1 <i>Deutz models</i>		28	237068	SEPARATOR,DUAL BATTERY,100A.....1	
--	61225	RELAY,12VDC,70AMP,SEALED <i>Cummins and Perkins models</i>		--	214393	KIT, BATT SEPARATOR, ANSI/CSA <i>includes part 237068</i>	
4	89997	RELAY MODULE(89996,89998).....1		--	215209	KIT, BATT SEPARATOR, CE <i>includes part 237068</i>	
5	61225	RELAY,12VDC,70AMP,SEALED.....1		--	215210	KIT, BATT SEPARATOR, AS <i>includes part 237068</i>	
6	49818	SCREW,PHILLIPS,PHM,10-32 X .38		29	60584	GROMMET,RUBBER .75 X .19 X 1**.....1	
7	6607	WASHER,LOCK,#10 PLTD		30	60928	CABLE,BATTERY NEGATIVE.....1	
8	122773	SERVICE KIT,MEC. PRESS.FILTER.....1		31	60711	HOLD DOWN,BATTERY.....2	
--	60857	FILTER,ELEMENT,BETA(5)=1000 <i>use with 77139</i>		32	45708	HOOK,BATT HOLD DOWN,10"	
--	60858	FILTER KIT,3 MICRON,MED <i>use with 75573</i>		--	8170	NUT,WING,1/4-20	
9	8914	SCREW,HHC,1/4-20 X .625		33	18189	BOOT,BATTERY TERMINAL,RED.....1	
10	6356	WASHER,LOCK,.25		34	61318	BATTERY CABLE,POSITIVE DEUTZ.....1 <i>Deutz models</i>	
11	8255	SCREW,HHC,3/8-16 X .75		--	60930	CABLE,BATTERY POSITIVE <i>Cummins and Perkins models</i>	
12	6021	WASHER,LOCK,.375		35	57160	BATTERY,12V GRP 4D,190 AH,DRY*.....1	
13	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5		36	61187	CIRCUIT BREAKER, 20 AMP.....1 <i>includes mounting nuts</i>	
14	5397	WASHER,FLAT,USS,5/16",Y		37	60708-S	WELDMENT,BATTERY TRAY.....1	
15	29868	SPRING CLIP,3/8-16		38	42941-11500	HOSE,3/8",FUEL,30R7	
16	60701-S	WELDMENT,BRKT,PRESSURE FILTER.....1		39	21465	CLAMP,HOSE,SIZE .25 TO .63.....1	
17	60334	FILTER ASSY,HIGH PRESS SAE-12*.....2		40	13002	SCREW,HHC,5/16-18 X 1 GR5	
--	58222	O-RING,FILTER ASSY (60334)***		41	6782	NUT,NYLOCK,5/16-18	
--	58223	SEAL,FILTER ASSY (60334)***		42	60721	COOLANT,RECOVERY BOTTLE, 4 QT.....1	
--	60857	FILTER,ELEMENT,BETA(5)=1000		43	75121	CAP, COOLANT RET SYS(60721).....1	
18	61189	GROMMET,RUBBER .75 X .38 X1.13.....3		44	54380	SCREW,PHILLIPS,PHM,8-32 X .875	
19	6175	SCREW,HHC,3/8-16 X 1		45	75610	CIRCUIT BREAKER, 25 AMP.....1 <i>includes mounting nuts</i>	
20	6097	WASHER,FLAT,USS,3/8",Y		46	30143	BATTERY,12V,1000 CCA GRP 31.....1	
21	4828	NUT,NYLOCK,3/8-16		47	60727-S	FORMING,COVER STOP.....1	
22	50974	BUMPER,RUBBER,COVERS.....2		48	51147	BOOT,CABLE TERMINAL,LG,RED,2/0.....1	
23	60729-S	FORMING,COVER STOP.....1					
24	61359	CHARGING WIRE.....1					
--	75409	BATTERY CABLE <i>from SN 330</i>					
25	6090	SCREW,HHC,1/4-20 X .75					

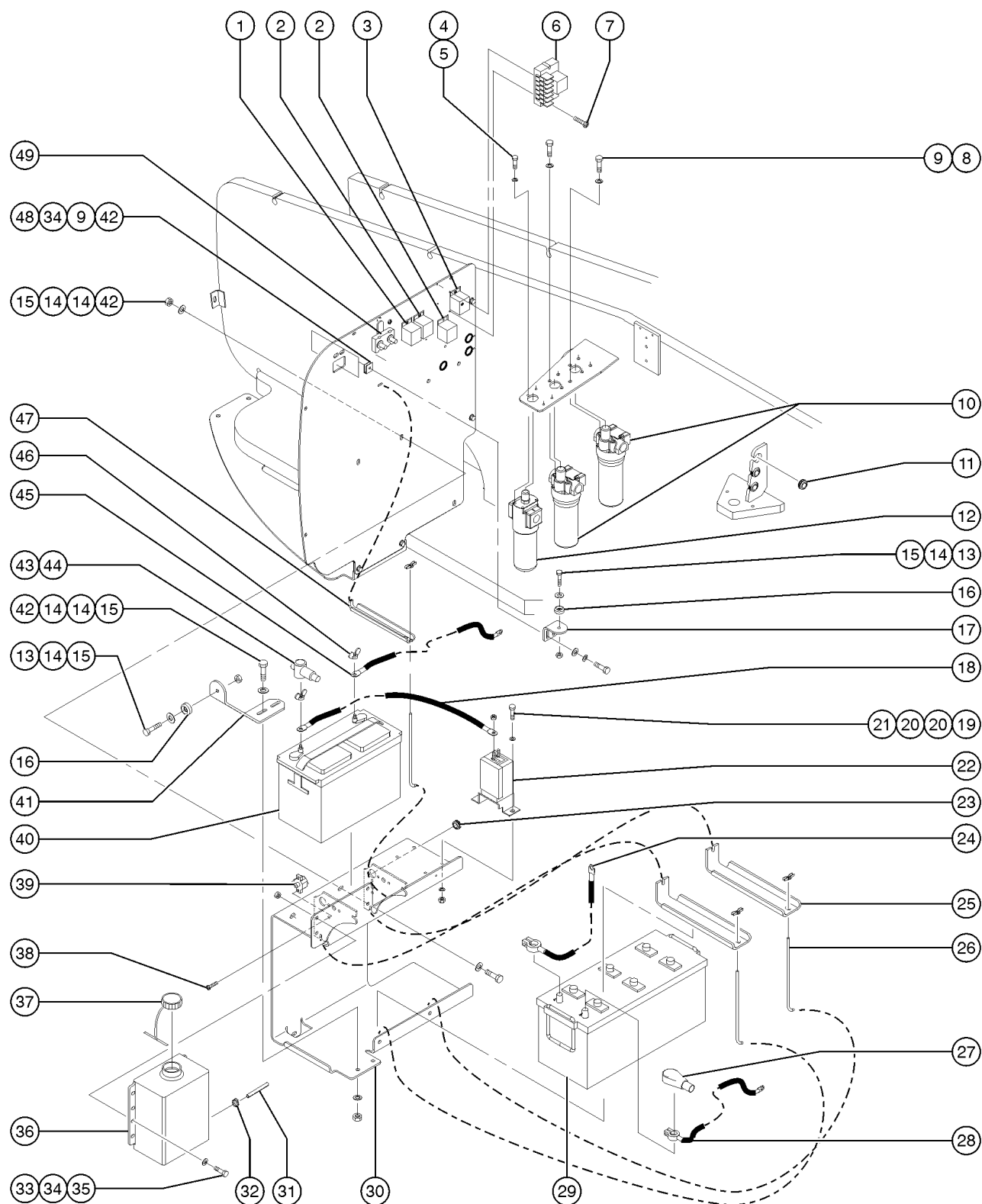
304.1 Batteries and Hydraulic Filters Installation (to SN 364)
(continued)

Item	Part No.	Description	Qty.
49	69230	NUT,WING,3/8-16	
50	75719	CABLE,GROUND,79" W/PIGTAIL.....1	
51	69229	NUT,WING 5/16-18.....2	
52	60940	HOLD DOWN,BATTERY,SMALL.....1	

304.1 Batteries and Hydraulic Filters Installation (to SN 364)
(continued)

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304.2 Batteries and Hydraulic Filters Installation (from SN 365)



304.2 Batteries and Hydraulic Filters Installation (from SN 365)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	66717	FUSE BLOCK, ANN & ANL FUSE		19	6090	SCREW,HHC,1/4-20 X .75	
--	102190P	FORMING,FUSE COVER, PAINTED		20	6638	WASHER,FLAT,USS,1/4"Y	
1	60521	RELAY,SEALED 30/40 AMP.....1 <i>Deutz models</i>	1	21	6091	NUT,NYLOCK,1/4-20	
2	61225	RELAY,12VDC,70AMP,SEALED.....2 <i>Deutz models</i>	2	22	237068	SEPARATOR,DUAL BATTERY,100A.....1	1
3	60521	RELAY,SEALED 30/40 AMP.....1 <i>Deutz and Perkins models</i>	1	--	214393	KIT, BATT SEPARATOR, ANSI/CSA <i>includes part 237068</i>	
--	61225	RELAY,12VDC,70AMP,SEALED <i>Cummins</i>		--	215209	KIT, BATT SEPARATOR, CE <i>includes part 237068</i>	
4	8914	SCREW,HHC,1/4-20 X .625		--	215210	KIT, BATT SEPARATOR, AS <i>includes part 237068</i>	
5	6356	WASHER,LOCK,,25		23	60584	GROMMET,RUBBER .75 X .19 X 1**.....1	1
6	89997	RELAY MODULE(89996,89998).....1	1	24	60928	CABLE,BATTERY NEGATIVE.....1	1
7	49816	SCREW,PHILLIPS,PHM,10-32 X .75		25	60711	HOLD DOWN,BATTERY.....2	2
8	8255	SCREW,HHC,3/8-16 X .75		26	45708	HOOK,BATT HOLD DOWN,10".....4	4
9	6021	WASHER,LOCK,,375		--	8170	NUT,WING,1/4-20	
10	60334	FILTER ASSY,HIGH PRESS SAE-12*.....2	2	27	18189	BOOT,BATTERY TERMINAL,RED.....1	1
--	58222	O-RING,FILTER ASSY (60334)***		28	61318	BATTERY CABLE,POSITIVE DEUTZ.....1 <i>Deutz models</i>	1
--	58223	SEAL,FILTER ASSY (60334)***		--	60930	CABLE,BATTERY POSITIVE <i>Cummins and Perkins models</i>	
--	60857	FILTER,ELEMENT,BETA(5)=1000		29	57160	BATTERY,12V GRP 4D,190 AH,DRY*.....1	1
11	61189	GROMMET,RUBBER .75 X .38 X1.13.....3	3	30	60708-S	WELDMENT,BATTERY TRAY.....1	1
12	122773	SERVICE KIT,MEC. PRESS.FILTER <i>to SN 954</i>		31	42941-11500	HOSE,3/8",FUEL,30R7.....115-inches	
--	58222	O-RING,FILTER ASSY (60334)***		32	21465	CLAMP,HOSE,SIZE .25 TO .63.....1	1
--	58223	SEAL,FILTER ASSY (60334)***		33	13002	SCREW,HHC,5/16-18 X 1 GR5	
--	60857	FILTER,ELEMENT,BETA(5)=1000 <i>use with 77139</i>		34	5397	WASHER,FLAT,USS,5/16",Y	
--	60858	FILTER KIT,3 MICRON,MED <i>use with 75573</i>		35	6782	NUT,NYLOCK,5/16-18	
--	77139	FILTER ASY,M PRESS,SAE8,WOIND* <i>from SN 955</i>		36	60721	COOLANT,RECOVERY BOTTLE, 4 QT.....1	1
13	6175	SCREW,HHC,3/8-16 X 1		37	75121	CAP, COOLANT RET SYS(60721).....1	1
14	6097	WASHER,FLAT,USS,3/8",Y		38	54380	SCREW,PHILLIPS,PHM,8-32 X .875	
15	4828	NUT,NYLOCK,3/8-16		39	75610	CIRCUIT BREAKER, 25 AMP.....1	1
16	50974	BUMPER,RUBBER,COVERS.....2	2	40	30143	BATTERY,12V,1000 CCA GRP 31.....1	1
17	60729-S	FORMING,COVER STOP.....1	1	41	60727-S	FORMING,COVER STOP.....1	1
18	75409	BATTERY CABLE.....1	1	42	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5	
--	111637	CABLE,BATTERY POSITIVE 73" <i>Cummins models; from SN 2548</i>					
--	60930	CABLE,BATTERY POSITIVE <i>Perkins models; from SN 2553</i>					

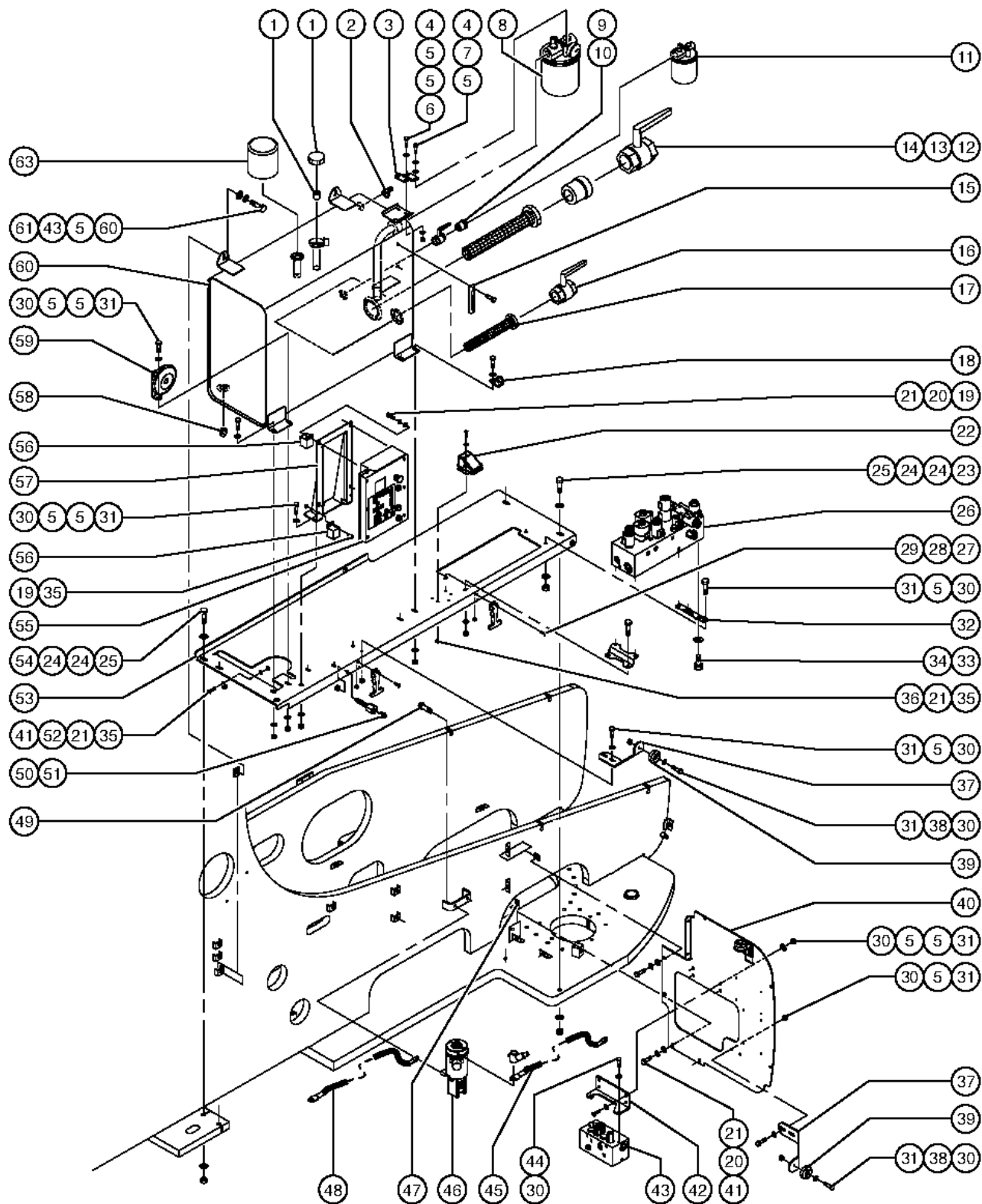
304.2 Batteries and Hydraulic Filters Installation (from SN 365)
(continued)

Item	Part No.	Description	Qty.
43	51147	BOOT,CABLE TERMINAL,LG,RED,2/0.....1	1
44	69230	NUT,WING,3/8-16	
45	75719	CABLE,GROUND,79" W/PIGTAIL....1	1
46	69229	NUT,WING 5/16-18	
47	60940	HOLD DOWN,BATTERY,SMALL.....1	1
48	29868	SPRING CLIP,3/8-16	
49	128829	CIRCUIT BRKR 15A TYPE 2 METAL <i>Deutz models</i>	

304.2 Batteries and Hydraulic Filters Installation (from SN 365)
(continued)

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305.1 Hydraulic Tank Installation (to SN 430)



305.1 Hydraulic Tank Installation (to SN 430)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	75113	FILLER NECK/CAP ASSY. HYD TANK.....	1	18	60838	CLAMP,1.00,#16 X 7/16,RUB CUSH	
2	48918	TEE,RUN,520428-6.....	1	19	8914	SCREW,HHC,1/4-20 X .625	
3	60936-S	BRACKET,RETURN FILTER.....	1	20	6356	WASHER,LOCK,,.25	
4	10107	SCREW,HHC,5/16-18 X .75		21	6638	WASHER,FLAT,USS,1/4"Y	
5	5397	WASHER,FLAT,USS,5/16",Y		22	50161	SENSOR,TILT TURNTABLE(PLSTC).....	1
6	6782	NUT,NYLOCK,5/16-18		23	6732	SCREW,HHC,1/2-13 X 3.25	
7	6886	WASHER,LOCK,,.313		24	6095	WASHER,FLAT,USS,1/2",Y	
8	60508	FILTER,RETURN,ASSY 10 MICRON.....	1	25	6198	NUT,NYLOCK,1/2-13	
--	52768	GAUGE,MED.PRESSUR FILTER,50530		26		Ref. Function Manifold (refer to 706.1)	
--	61326	FILTER ELEMENT,10 MICRON,60508		27	75041	SCREW,PHILLIPS,PHM,10-32 X 1	
9	75043	NIPPLE,PIPE M/M 140137-3/4.....	1	28	45363	LATCH,FLEXIBLE.....	2
--	75255	UNION,STR.THREAD 12* from SN 297		--	75076	KEEPER,LATCH (45363)	
10	48993	VALVE,BALL,12 MPT-12 FPT.....	1	29	6178	NUT,NYLOCK,10-32	
--	48995	VALVE,BALL,12 MSAE-12 FSAE from SN 297		30	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5	
11	56653	FILTER,RETURN,ASSY,BETA 10.....	1	31	4828	NUT,NYLOCK,3/8-16	
--	44207	FILTER ELEMENT,BETA(10)=200		32	60590-S	BRACKET,FUNCTION MANIFOLD MNT.....	2
12	60653	VALVE,BALL,1.50" SAE.....	1	33	10587	SCREW,HHC,1/2-13 X.75	
--	75256	VALVE BALL,24 FSAE-24 FSAE*** from SN 297		34	6033	WASHER,LOCK,0.5"	
13	61186	BUSHING,2 X 1.5,PLATED IRON....	1	35	6091	NUT,NYLOCK,1/4-20	
--	75254	UNION,STR.THREAD 24*** from SN 297		36	6090	SCREW,HHC,1/4-20 X .75	
14	60551	STRAINER ASSEMBLY,3" NPT.....	1	37	60727-S	FORMING,COVER STOP.....	2
--	75257	STRAINER ASSY,#24 O-RING from SN 297		38	6097	WASHER,FLAT,USS,3/8",Y	
15	215229	GAUGE,HYDRAULIC TANK T/L VL.....	1	39	50974	BUMPER,RUBBER,COVERS.....	2
16	61251	VALVE,BALL,1.00" SAE.....	1	40	60486-S	PLATE,SWING CHASSIS BULKHEAD.....	1
--	48996	VALVE,BALL,16 MSAE-16 FSAE*** from SN 297		41	6888	SCREW,HHC,1/4-20 X 1	
17	45161	STRAINER ASSEMBLY,1.5" NPT.....	1	42	60704-S	FORMING,DIST.MANIFOLD MTG.....	1
--	75253	STRAINER ASSY,#16 O-RING from SN 297		43		Ref. Distribution Manifold (refer to 707.1)	
				44	6021	WASHER,LOCK,,.375	
				45	60931	CABLE,BATTERY.....	1
				--	75409	BATTERY CABLE from SN 330	
				46	102710	PUMP,AUXILIARY,DUAL,12V.....	1
						When replacing power units with 4 hoses, the 1/4 hose with the 90 deg fitting closest to the electric motor is no longer needed (the other end should T into the tank line). Remove and cap off this hose.	

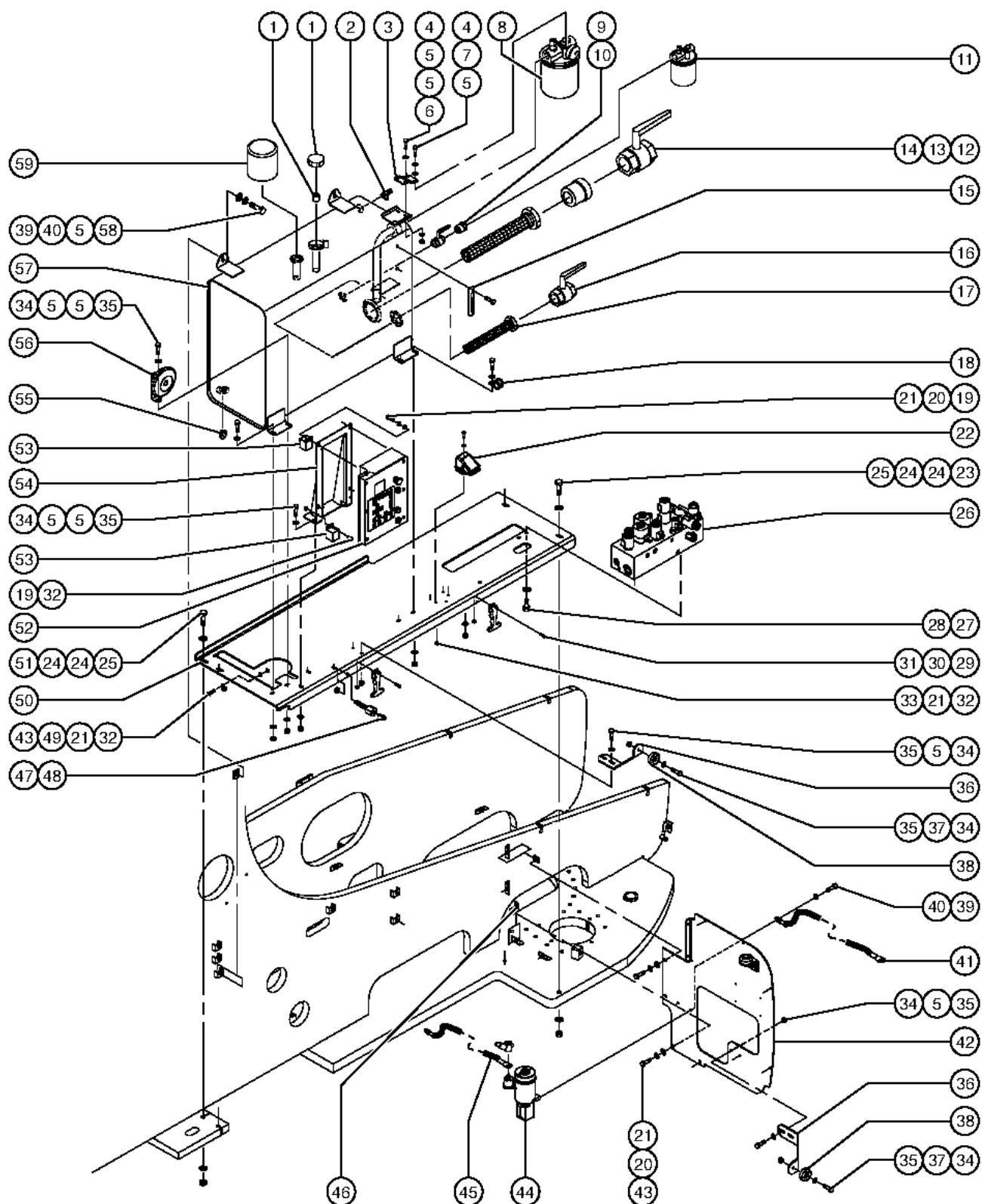
305.1 Hydraulic Tank Installation (to SN 430) (continued)

Item	Part No.	Description	Qty.
--	102659	PUMP,(102710 APU)	
--	37187	SEAL KIT, 37185 PUMP	
--	37191	GASKET, PUMP / MOTOR (36179)	
--	62411	PUMP ASSY. 60511 APU	
--	62412	SOLENOID,MOTOR START,60511,APU	
--	62413	MOTOR, 60511, APU, 12VDC	
--	62414	SEAL, SHAFT, 60511 APU	
47	56912	SPRING CLIP,1/4-20,.025-.15X.5	
48	75719	CABLE,GROUND,79" W/PIGTAIL....1	
49	75051	SCREW,SER FLNG3/8UNCX3/4ZNYEL	
50	28646	ZERK,GREASE,1/8 NPT.....1	
51	48885	CONNECTOR,BULKHEAD,FEMALE-4.1	
52	6833	CLAMP,0.50,#8 X 1/4,RUB CUSH....1	
53	60588-S	TRAY,HYDRAULIC TANK MOUNTING.....1	
54	39479	SCREW,HHC,1/2-13 X 2.75	
55		Ref. Ground Controls (refer to 306.1)	
56	60521	RELAY,SEALED 30/40 AMP.....2	
57	60571-S	BRACKET,CNTL BOX MOUNTING.....1	
58	75014	PLUG,HEX,130109E,1/2 NPT***.....1 <i>Cummins and Perkins models</i>	
--	35600	THERMOSTAT,110 DEG.F N/O <i>Deutz models</i>	
59	81578	HORN,12VDC,SPADE TERMINALS***.....1	
60	60510	TANK,HYDRAULIC,55 GALLON.....1 <i>includes item 1; to SN 296</i>	
--	75258	TANK,HYDRAULIC,55 GALLON <i>includes item 1; from SN 297</i>	
61	6175	SCREW,HHC,3/8-16 X 1	
62	29868	SPRING CLIP,3/8-16	
63	60559	BREATHING,RESERVOIR 3 MICRON***.....1	

305.1 Hydraulic Tank Installation (to SN 430)
(continued)

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305.2 Hydraulic Tank Installation (from SN 431 to 500)



305.2 Hydraulic Tank Installation (from SN 431 to 500)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	75113	FILLER NECK/CAP ASSY. HYD TANK.....	1	32	6091	NUT,NYLOCK,1/4-20	
2	48918	TEE,RUN,520428-6.....	1	33	6090	SCREW,HHC,1/4-20 X .75	
3	60936-S	BRACKET,RETURN FILTER.....	1	34	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5	
4	10107	SCREW,HHC,5/16-18 X .75		35	4828	NUT,NYLOCK,3/8-16	
5	5397	WASHER,FLAT,USS,5/16",Y		36	60727-S	FORMING,COVER STOP.....	2
6	6782	NUT,NYLOCK,5/16-18		37	6097	WASHER,FLAT,USS,3/8",Y	
7	6886	WASHER,LOCK,.313		38	50974	BUMPER,RUBBER,COVERS.....	2
8	60508	FILTER,RETURN,ASSY 10 MICRON.....	1	39	6175	SCREW,HHC,3/8-16 X 1	
--	52768	GAUGE,MED.PRESSUR FILTER,50530		40	6021	WASHER,LOCK,.375	
--	61326	FILTER ELEMENT,10 MICRON,60508		41	75719	CABLE,GROUND,79" W/PIGTAIL....	1
9	75255	UNION,STR.THREAD 12*.....	1	42	75591	PLATE,SWING CHASSIS BULKHEAD.....	1
10	48995	VALVE,BALL,12 MSAE-12 FSAE.....	1	43	6888	SCREW,HHC,1/4-20 X 1	
11	56653	FILTER,RETURN, BETA(10)=200....	1	44	102710	PUMP,AUXILIARY,DUAL,12V.....	1
--	44207	FILTER ELEMENT,BETA(10)=200		--	75454	PUMP,(75592 APU)	
12	75256	VALVE BALL,24 FSAE-24 FSAE***.....	1	--	102659	PUMP,(102710 APU)	
13	75254	UNION,STR.THREAD 24***.....	1	--	37187	SEAL KIT, 37185 PUMP	
14	75257	STRAINER ASSY,#24 O-RING.....	1	--	37191	GASKET, PUMP / MOTOR (36179)	
15	215229	GAUGE,HYDRAULIC TANK T/L VL.....	1	--	62412	SOLENOID,MOTOR START,60511,APU	
16	48996	VALVE,BALL,16 MSAE-16 FSAE***.....	1	--	62413	MOTOR, 60511, APU, 12VDC	
17	75253	STRAINER ASSY,#16 O-RING.....	1	--	62414	SEAL, SHAFT, 60511 APU	
18	60838	CLAMP,1.00,#16 X 7/16,RUB CUSH		45	75409	BATTERY CABLE.....	1
19	8914	SCREW,HHC,1/4-20 X .625		46	56912	SPRING CLIP,1/4-20,.025-.15X.5	
20	6356	WASHER,LOCK,.25		47	28646	ZERK,GREASE,1/8 NPT.....	1
21	6638	WASHER,FLAT,USS,1/4"Y		48	48885	CONNECTOR,BULKHEAD,FEMALE-4.1	
22	50161	SENSOR,TILT TURNTABLE(PLSTC).....	1	49	6833	CLAMP,0.50,#8 X 1/4,RUB CUSH....	1
23	6732	SCREW,HHC,1/2-13 X 3.25		50	75589	TRAY,HYDRAULIC TANK MOUNTING.....	1
24	6095	WASHER,FLAT,USS,1/2",Y		51	39479	SCREW,HHC,1/2-13 X 2.75	
25	6198	NUT,NYLOCK,1/2-13		52		Ref. Ground Controls (refer to 306.1)	
26		Ref. Function Manifold (refer to 706.2)		53	60521	RELAY,SEALED 30/40 AMP.....	2
27	33987	SCREW,HHC,1/2-13 X 1, GR 5		54	60571-S	BRACKET,CNTL BOX MOUNTING.....	1
28	6033	WASHER,LOCK,0.5"		55	75014	PLUG,HEX,130109E,1/2 NPT***.....	1
29	75041	SCREW,PHILLIPS,PHM,10-32 X 1		--	35600	THERMOSTAT,110 DEG.F N/O Deutz models	
30	45363	LATCH,FLEXIBLE.....	2	56	81578	HORN,12VDC,SPADE TERMINALS***.....	1
--	75076	KEEPER,LATCH (45363)		57	75258	TANK,HYDRAULIC,55 GALLON.....	1
31	6178	NUT,NYLOCK,10-32				includes item 1	

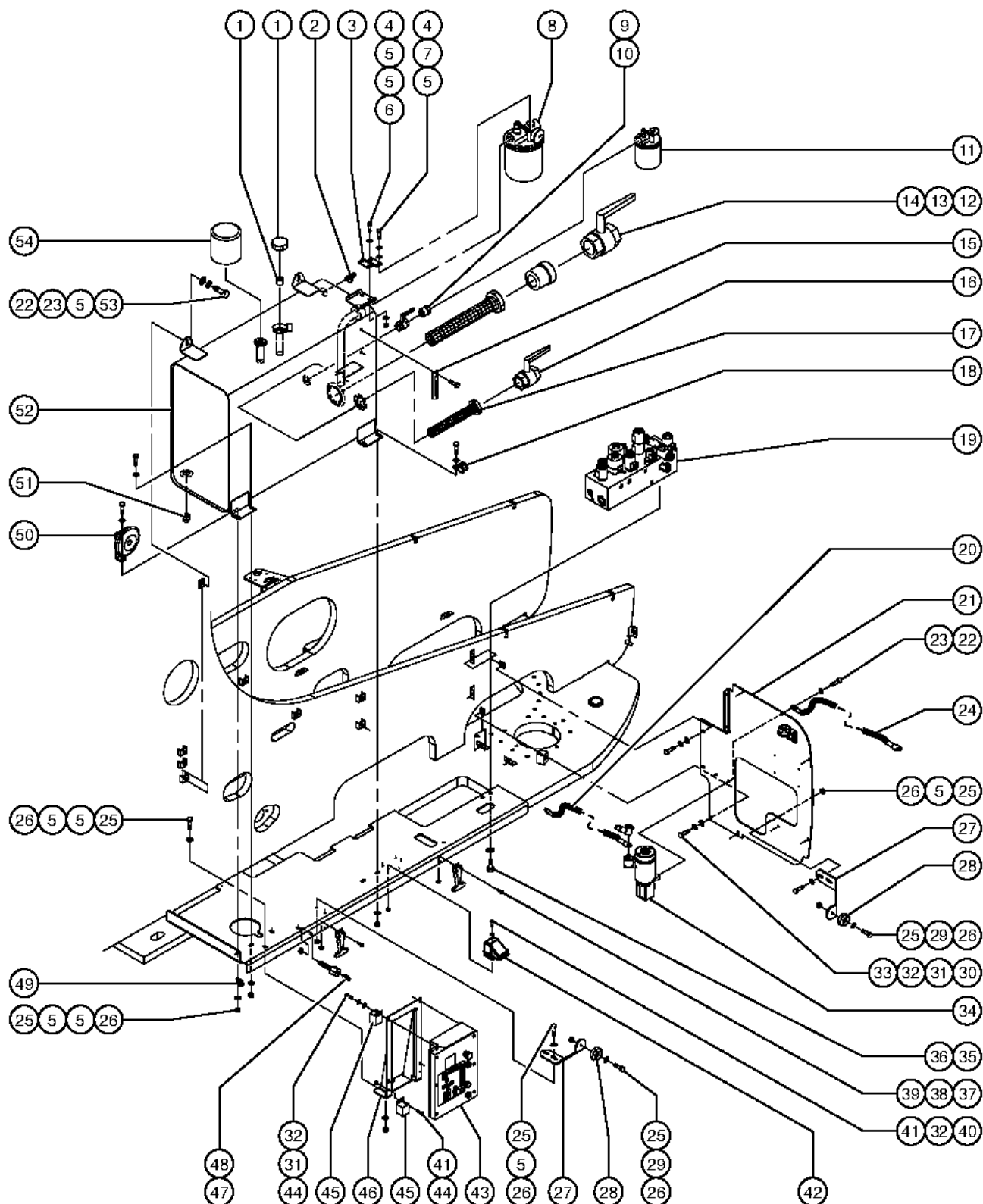
305.2 Hydraulic Tank Installation (from SN 431 to 500)
(continued)

Item	Part No.	Description	Qty.
58	29868	SPRING CLIP,3/8-16	
59	60559	BREATHER,RESERVOIR 3 MICRON***.....	1

305.2 Hydraulic Tank Installation (from SN 431 to 500)
(continued)

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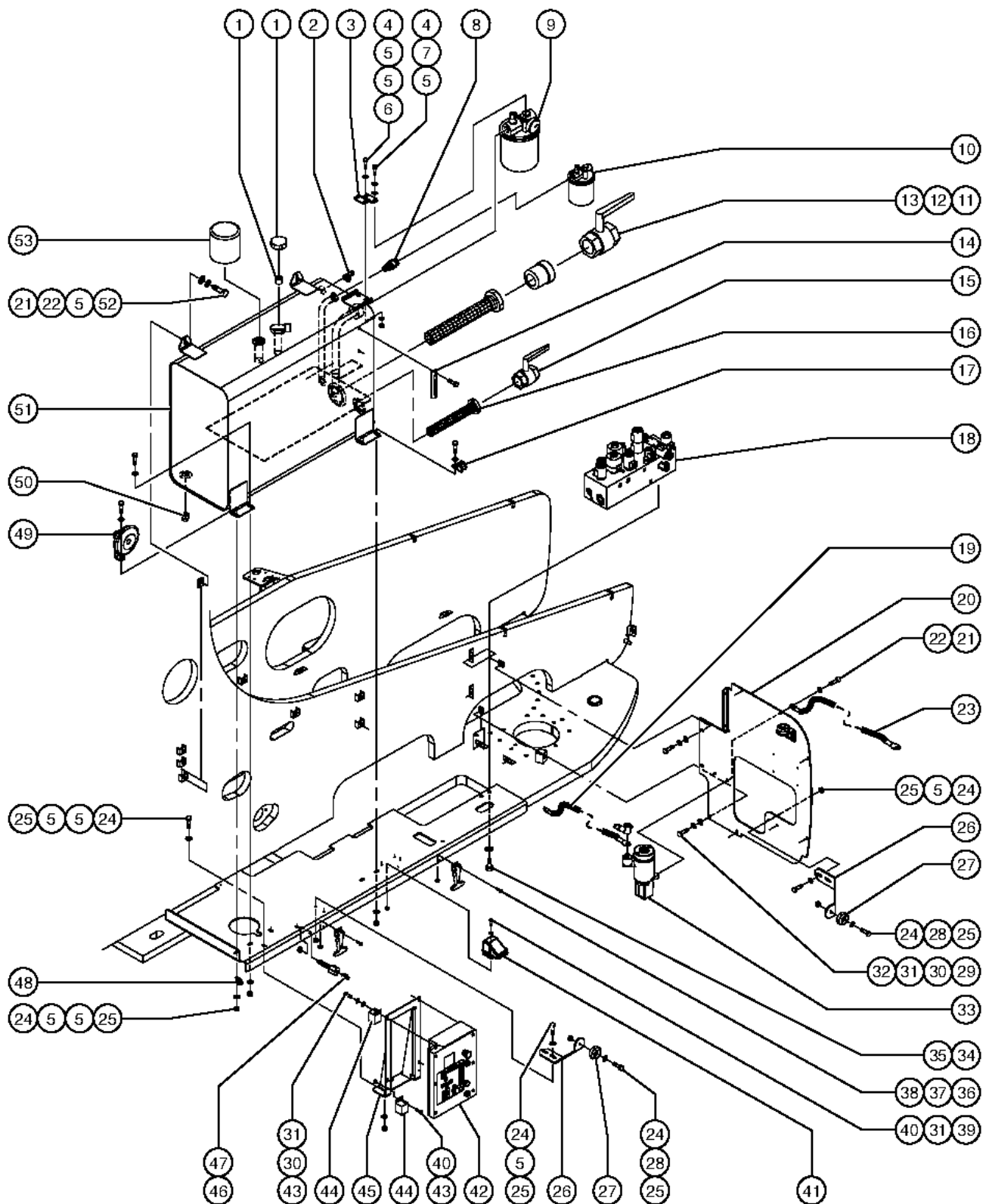
305.3 Hydraulic Tank Installation (from SN 501 to 541)



305.3 Hydraulic Tank Installation (from SN 501 to 541)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	75113	FILLER NECK/CAP ASSY. HYD TANK.....	1	33	56912	SPRING CLIP,1/4-20,.025-.15X.5	
2	48918	TEE,RUN,520428-6.....	1	34	102710	PUMP,AUXILIARY,DUAL,12V.....	1
3	60936-S	BRACKET,RETURN FILTER.....	1	--	75454	PUMP,(75592 APU)	
4	10107	SCREW,HHC,5/16-18 X .75		--	102659	PUMP,(102710 APU)	
5	5397	WASHER,FLAT,USS,5/16",Y		--	37187	SEAL KIT, 37185 PUMP	
6	6782	NUT,NYLOCK,5/16-18		--	37191	GASKET, PUMP / MOTOR (36179)	
7	6886	WASHER,LOCK,.313		--	62412	SOLENOID,MOTOR START,60511,APU	
8	60508	FILTER,RETURN,ASSY 10 MICRON.....	1	--	62413	MOTOR, 60511, APU, 12VDC	
--	52768	GAUGE,MED.PRESSUR FILTER,50530		--	62414	SEAL, SHAFT, 60511 APU	
--	61326	FILTER ELEMENT,10 MICRON,60508		35	33987	SCREW,HHC,1/2-13 X 1, GR 5	
9	75255	UNION,STR.THREAD 12*.....	1	36	6033	WASHER,LOCK,0.5"	
10	48995	VALVE,BALL,12 MSAE-12 FSAE.....	1	37	75041	SCREW,PHILLIPS,PHM,10-32 X 1	
11	56653	FILTER,RETURN, BETA(10)=200.....	1	38	45363	LATCH,FLEXIBLE.....	2
--	44207	FILTER ELEMENT,BETA(10)=200		--	75076	KEEPER,LATCH (45363)	
12	75256	VALVE BALL,24 FSAE-24 FSAE***.....	1	39	6178	NUT,NYLOCK,10-32	
13	75254	UNION,STR.THREAD 24***.....	1	40	6090	SCREW,HHC,1/4-20 X .75	
14	75257	STRAINER ASSY,#24 O-RING.....	1	41	6091	NUT,NYLOCK,1/4-20	
15	215229	GAUGE,HYDRAULIC TANK T/L VL.....	1	42	50161	SENSOR,TILT TURNTABLE(PLSTC).....	1
16	48996	VALVE,BALL,16 MSAE-16 FSAE***.....	1	43		Ref. Ground Controls (refer to 306.1)	
17	75253	STRAINER ASSY,#16 O-RING.....	1	44	8914	SCREW,HHC,1/4-20 X .625	
18	60838	CLAMP,1.00,#16 X 7/16,RUB CUSH		45	60521	RELAY,SEALED 30/40 AMP.....	2
19		Ref. Function Manifold (refer to 706.2)		46	60571-S	BRACKET,CNTL BOX MOUNTING.....	1
20	75409	BATTERY CABLE.....	1	47	28646	ZERK,GREASE,1/8 NPT.....	1
21	75591	PLATE,SWING CHASSIS BULKHEAD.....	1	48	48885	CONNECTOR,BULKHEAD,FEMALE-4.1	
22	6175	SCREW,HHC,3/8-16 X 1		49	6833	CLAMP,0.50,#8 X 1/4,RUB CUSH	
23	6021	WASHER,LOCK,.375		50	81578	HORN,12VDC,SPADE TERMINALS***.....	1
24	75719	CABLE,GROUND,79" W/PIGTAIL....	1	51	75014	PLUG,HEX,130109E,1/2 NPT***.....	1
25	4828	NUT,NYLOCK,3/8-16		--	35600	THERMOSTAT,110 DEG.F N/O Deutz models	
26	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5		52	75258	TANK,HYDRAULIC,55 GALLON.....	1
27	60727-S	FORMING,COVER STOP.....	2			includes item 1	
28	50974	BUMPER,RUBBER,COVERS.....	2	53	29868	SPRING CLIP,3/8-16	
29	6097	WASHER,FLAT,USS,3/8",Y		54	60559	BREATHING,RESERVOIR 3 MICRON***.....	1
30	6888	SCREW,HHC,1/4-20 X 1					
31	6356	WASHER,LOCK,.25					
32	6638	WASHER,FLAT,USS,1/4"Y					

305.4 Hydraulic Tank Installation (from SN 542)



305.4 Hydraulic Tank Installation (from SN 542)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	75113	FILLER NECK/CAP ASSY. HYD TANK.....	1	19	75409	BATTERY CABLE.....	1
2	48918	TEE,RUN,520428-6.....	1	20	75591	PLATE,SWING CHASSIS BULKHEAD.....	1
3	60936-S	BRACKET,RETURN FILTER.....	1	21	6175	SCREW,HHC,3/8-16 X 1	
4	10107	SCREW,HHC,5/16-18 X .75		22	6021	WASHER,LOCK,.375	
5	5397	WASHER,FLAT,USS,5/16",Y		23	75719	CABLE,GROUND,79" W/PIGTAIL....	1
6	6782	NUT,NYLOCK,5/16-18		24	4828	NUT,NYLOCK,3/8-16	
7	6886	WASHER,LOCK,.313		25	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5	
8	75971	UNION,STR.THREAD -8.....	1	26	60727-S	FORMING,COVER STOP.....	2
		to SN 649		27	50974	BUMPER,RUBBER,COVERS.....	2
9	60508	FILTER,RETURN,ASSY 10 MICRON.....	1	28	6097	WASHER,FLAT,USS,3/8",Y	
--	228823	FILTER,ELEMENT,BETA(10)=1000 use with hydraulic fluid fire resistant option		29	6888	SCREW,HHC,1/4-20 X 1	
--	52768	GAUGE,MED.PRESSUR FILTER,50530		30	6356	WASHER,LOCK,.25	
--	61326	FILTER ELEMENT,10 MICRON,60508		31	6638	WASHER,FLAT,USS,1/4"Y	
10	78622	FILTER ASSY,SAE8,10 MIC,PAPR**.....	1	32	56912	SPRING CLIP,1/4-20,.025-.15X.5	
		to SN 649		33	102710	PUMP,AUXILIARY,DUAL,12V.....	1
--	44788	FILTER ELEMENT,10MICRON,PAPER* to SN 649		--	102659	PUMP,(102710 APU) from SN 1086	
11	75256	VALVE BALL,24 FSAE-24 FSAE***.....	1	--	37187	SEAL KIT, 37185 PUMP	
		from SN 542 to SN 676		--	37191	GASKET, PUMP / MOTOR (36179)	
--	75256	VALVE BALL,24 FSAE-24 FSAE*** from SN 837		--	62412	SOLENOID,MOTOR START,60511,APU	
12	75254	UNION,STR.THREAD 24***.....	1	--	62413	MOTOR, 60511, APU, 12VDC	
		from SN 542 to SN 676		--	62414	SEAL, SHAFT, 60511 APU	
--	75254	UNION,STR.THREAD 24*** from SN 837		--	75454	PUMP,(75592 APU) to SN 1085	
13	75257	STRAINER ASSY,#24 O-RING.....	1	34	33987	SCREW,HHC,1/2-13 X 1, GR 5	
14	215229	GAUGE,HYDRAULIC TANK T/L VL.....	1	35	6033	WASHER,LOCK,0.5"	
15	48996	VALVE,BALL,16 MSAE-16 FSAE***.....	1	36	75041	SCREW,PHILLIPS,PHM,10-32 X 1	
		from SN 542 to SN 676		37	45363	LATCH,FLEXIBLE.....	2
--	48996	VALVE,BALL,16 MSAE-16 FSAE*** from SN 837		37	75076	KEEPER,LATCH (45363)	
16	75253	STRAINER ASSY,#16 O-RING.....	1	38	6178	NUT,NYLOCK,10-32	
17	60838	CLAMP,1.00,#16 X 7/16,RUB CUSH		39	6090	SCREW,HHC,1/4-20 X .75	
18		Ref. Function Manifold (refer to 706.2 or 706.3)		40	6091	NUT,NYLOCK,1/4-20	
				41	50161	SENSOR,TILT TURNTABLE(PLSTC).....	1
				42		Ref. Ground Controls (refer to 306.1)	
				43	8914	SCREW,HHC,1/4-20 X .625	
				44	60521	RELAY,SEALED 30/40 AMP.....	2
				45	60571-S	BRACKET,CNTL BOX MOUNTING.....	1

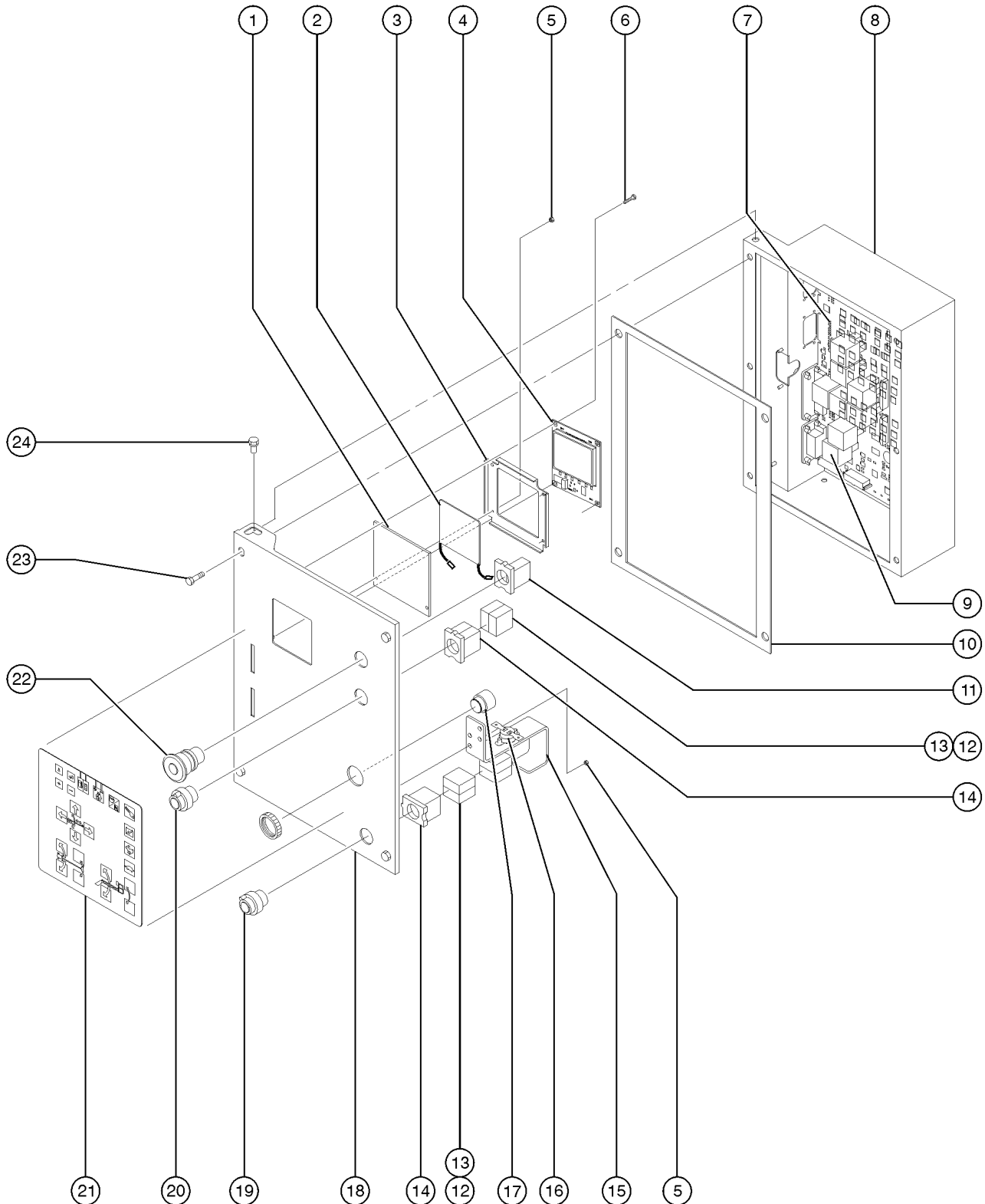
305.4 Hydraulic Tank Installation (from SN 542) (continued)

Item	Part No.	Description	Qty.
46	28646	ZERK, GREASE, 1/8 NPT.....	1
47	48885	CONNECTOR, BULKHEAD, FEMALE-4.1	
48	6833	CLAMP, 0.50, #8 X 1/4, RUB CUSH	
49	81578	HORN, 12VDC, SPADE TERMINALS***	
50	75014	PLUG, HEX, 130109E, 1/2 NPT***.....	1
		<i>Cummins and Perkins models</i>	
--	35600	THERMOSTAT, 110 DEG. F N/O <i>Deutz models; to SN 618</i>	
--	75014	PLUG, HEX, 130109E, 1/2 NPT*** <i>Deutz models; from SN 619</i>	
51	75645	TANK, HYDRAULIC, 55 GALLON.....	1
		<i>includes item 1</i>	
52	29868	SPRING CLIP, 3/8-16	
53	60559	BREATHING, RESERVOIR 3 MICRON***.....	1

305.4 Hydraulic Tank Installation (from SN 542)
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306.1 Ground Controls



306.1 Ground Controls

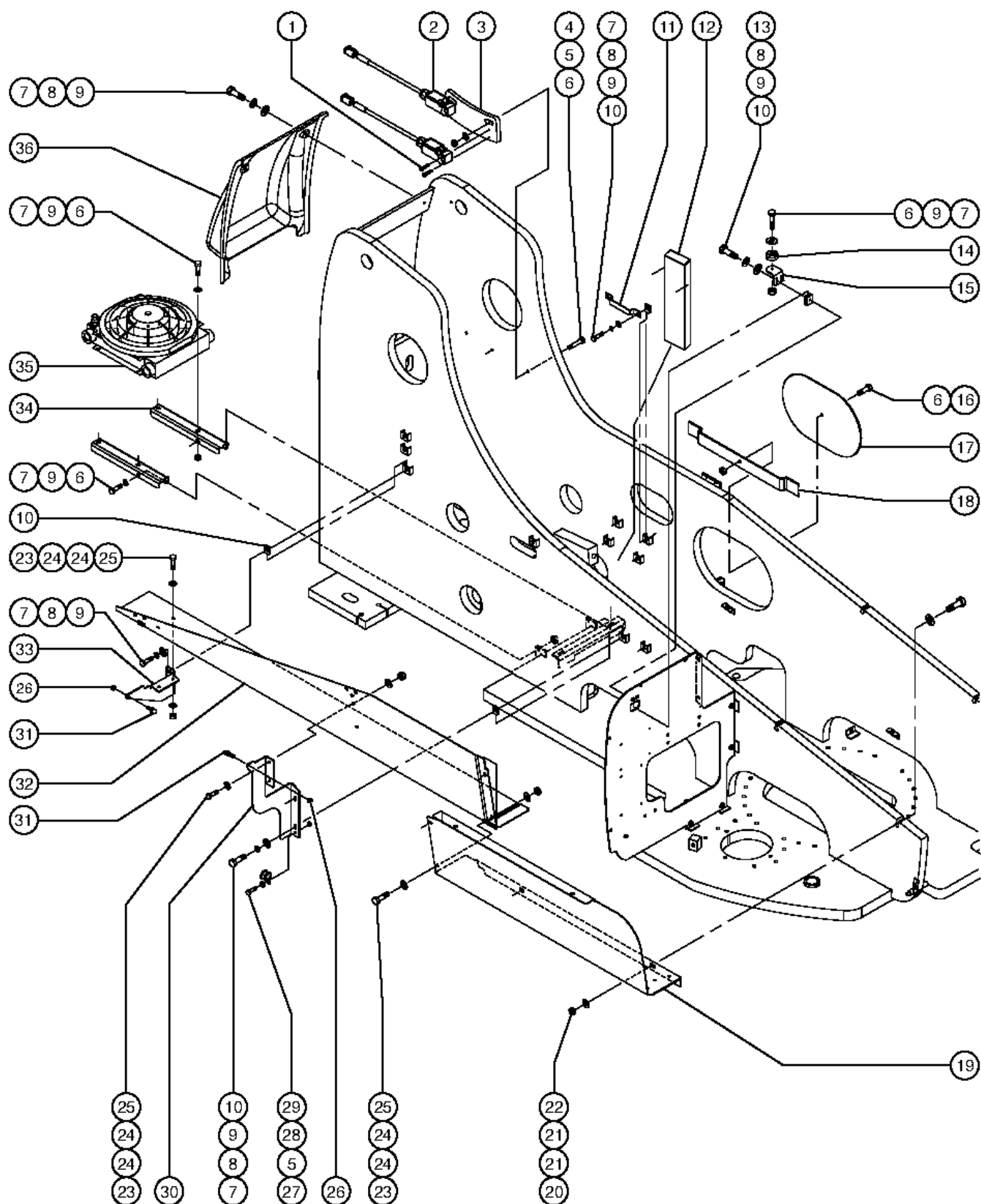
Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	102696	CONTROL BOX ASSY,TURNTABLE*** to SN 1028		--	T109430	KIT,PCB,ASSY,ECM,SB TCON V3.12 from SN 2912	
--	T108870	COVER, CONTROL BOX, SB SERV from SN 1029 to 2666		8	58593	BOX,EMPTY (122915) does not include items 10 or 18	
--	146134	CONTROL BOX ASSY, TCON 212 use with PCON V2.10; from SN 2667 to 2709		9	34052	RELAY,SPDT,12V(AUTO) PLUG IN**8	
--	146386	CONTROL BOX ASSY, TCON V3.00 from SN 2710 to 2911		10	62378	GASKET,GROUND CNTRL.SUPERBOOM.....1	
--	T109424	CONTROL BOX ASSY,TCON V3.12 from SN 2912		11	66812	BUTTON,PUSH,RED MUSHROOM HEAD.....1	
--	60754	HARNESS,TCON J2 LIMIT SWITCH to SN 2709		--	146478	BOOT(BELLOWS),E-STOP,BLACK	
--	146191	HARNESS, TCON J2 LS 2009 from SN 2710		--	66818	CONTACT,NC	
--	121657	FUSE HOLDER,ATC 1-20 AMPS from SN 2710		--	66821	BASE,WITHOUT CONTACTS	
--	67505	FUSE,10 AMP,ATC from SN 2710		12	66816	CONTACT,N.O.....6	
--	61358	HARNESS,POWER,TCON J5 HARNESS to SN 329		13	66818	CONTACT,NC.....6	
--	75551	HARNESS,TCON J5 POWER from SN 330 to 920		14	66821	BASE,WITHOUT CONTACTS.....2	
--	101888	HARNESS,TCON J5 POWER from SN 921		15	229420	BRACKET, KS CONTACT CLAMP.....1	
1	62374	LENS,LCD,GRND.CONTROL.....1		--	229421	ASSY,BRACKET,KS CONTACT BLOCK LCD heater option (includes thermostat switch item 122793)	
2	122406	ASSEMBLY,LCD HEATER ALC1000 LCD heater option (transparent heater)		16	122793	SWITCH,THERMOSTAT 60F OPEN LCD heater option	
--	229423	FIELD KIT,LCD HEATER LCD heater option		--	6272	RIVET,STL,ST.MAN,P,.125 X .25 LCD heater option	
3	62375	CLIP,LCD,GRND.CONTROL.....1		17	62379	ALARM,AUDIO,SUPERBOOM*.....1	
4	62376	PCB,ASSY,LCD,GROUND,SUPERBOOM.1		--	72326	NUT - PLASTIC,RING FOR ALARMS	
5	12344	NUT,NYLOCK,6-32		18	T108870	COVER, CONTROL BOX, SB SERV	
6	81551	SCREW,PHIL,PHM,6-32 X 1/4 SS		19	122516	KIT,RECOVERY SVC LARGE BOOMS.....1	
7	Ref.	For a PCB not listed please contact the Genie parts department to order a PCB programmed to your current version of software.		--	122366	KEYSWITCH,CONTACTS LOCK	
--	122787	PCB ASSY,ECM,SB TCON,V200 from SN 1029 to 2666		--	88150	KEYSWITCH,3 POS.MOM.DR,W/KEY**	
--	146154	PCB, ASSY, ECM, SB TCON V212 from SN 2667 to 2709		20	122517	KIT,KEYSWITCH SVC S100/120.....1	
--	146461	PCB, ASSY, ECM, SB TCON V300 from SN 2710 to 2911		--	122366	KEYSWITCH,CONTACTS LOCK	
				--	66811	KEYSWITCH,3POS.MNTND.DR WKEY** includes: keyswitch and one set of keys, not included: base and contacts.	
				21	50811	SWITCH,MEMBRANE,GROUND CONTROL.....1	
				22	122519	KIT,ESTOP SVC LARGE BOOM.....1	
				23	7339	SCREW,HHC,1/4-20 X .5	

306.1 Ground Controls
(continued)

Item	Part No.	Description	Qty.
24	88315	SCREW,SHS,1/4-20 X .25 ZINC	

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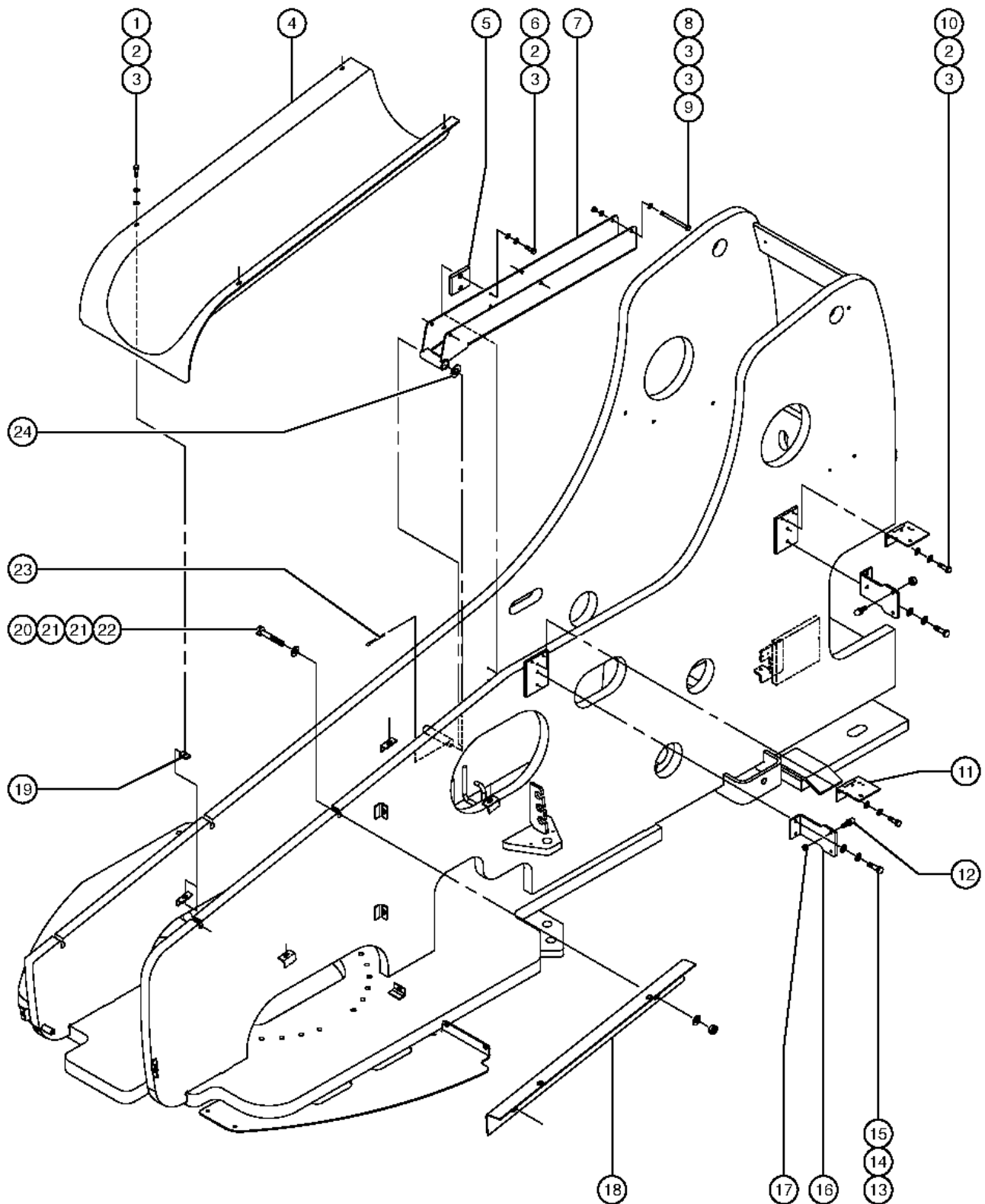
307.1 Turntable Attached Components - Tank Side



307.1 Turntable Attached Components - Tank Side

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	51063	SCREW,PHILLIPS,RHM,10-32 X 1.5		19	60496-S	FORMING,INNER COVER.....	1
2A	75030	LIMIT SWITCH,SAFETY.....	2	20	6198	NUT,NYLOCK,1/2-13	
--	53983	to SN 2709		21	6095	WASHER,FLAT,USS,1/2",Y	
--	53983	STRAIN RELIEF, PG13,5		22	39479	SCREW,HHC,1/2-13 X 2.75	
--	75910	to SN 2709		23	6888	SCREW,HHC,1/4-20 X 1	
--	75913	WIRE ASSEMBLY,16/4SJO,9.5"PLUG		24	6638	WASHER,FLAT,USS,1/4"Y	
--	75913	to SN 2709		25	6091	NUT,NYLOCK,1/4-20	
2B	146198	LIMIT SWITCH,SAFETY		26	6002	NUT,LP NYLOCK,5/16-18	
--	110771-74BJ9	from SN 2710		27	10107	SCREW,HHC,5/16-18 X .75	
--	110771-74BJ9	SWITCH,LIMIT,ROLLER NO/NC		28	60838	CLAMP,1.00,#16 X 7/16,RUB	
--	128636	GOLD				CUSH.....	1
--	128636	from SN 2710		29	6782	NUT,NYLOCK,5/16-18	
--	128636	ROLLER,ARM,LIMIT		30	60655-S	STRUT SUPPORT,TANK SIDE.....	1
--	146325	SWITCH,ZCY500		31	40265	BALL STUD,GAS STRUT	
--	146325	from SN 2710				(38593)***.....	2
3	60341-S	CONN.SQZ,PG 11,.34-.47,W/ORING		32	75122-S	TURNTABLE COVER MOUNT	
4	14033	from SN 2710				ASSY.....	1
5	5397	PLATE,ANGLE LIMIT		--	102993	to SN 687	
6	7713	SWITCH,MACH.....	1	--	102994	TURNTABLE COVER MOUNT ASSY	
7	6175	SCREW,HHC,3/8-16 X 2.75				from SN 688	
8	6021	WASHER,FLAT,USS,5/16",Y		--	102994	TURNTABLE COVER MOUNT ASSY	
9	6097	NUT,LP NYLOCK,3/8-16				SYM	
10	29868	SCREW,HHC,3/8-16 X 1		33	60670-S	STRUT SUPPORT.....	1
11	61350-S	WASHER,LOCK,.375		34	102205P	FORMING, COOLER SUPPORT	
12	61347	WASHER,FLAT,USS,3/8",Y				PAINTE.....	2
--	60875	from SN 985		35	71259	from SN 985	
13	6019	OIL COOLER W/FAN, 12VDC.....	1	--	75854	FAN - VENTED	
14	50974	from SN 985		--	75855	THERMOSTAT -OIL COOLER	
15	60729-S	(71259)				(71259)	
16	8516	COVER,REAR MAST.....	1	36	60671	COVER,REAR MAST.....	1
17	75057-S						
18	75058-S						

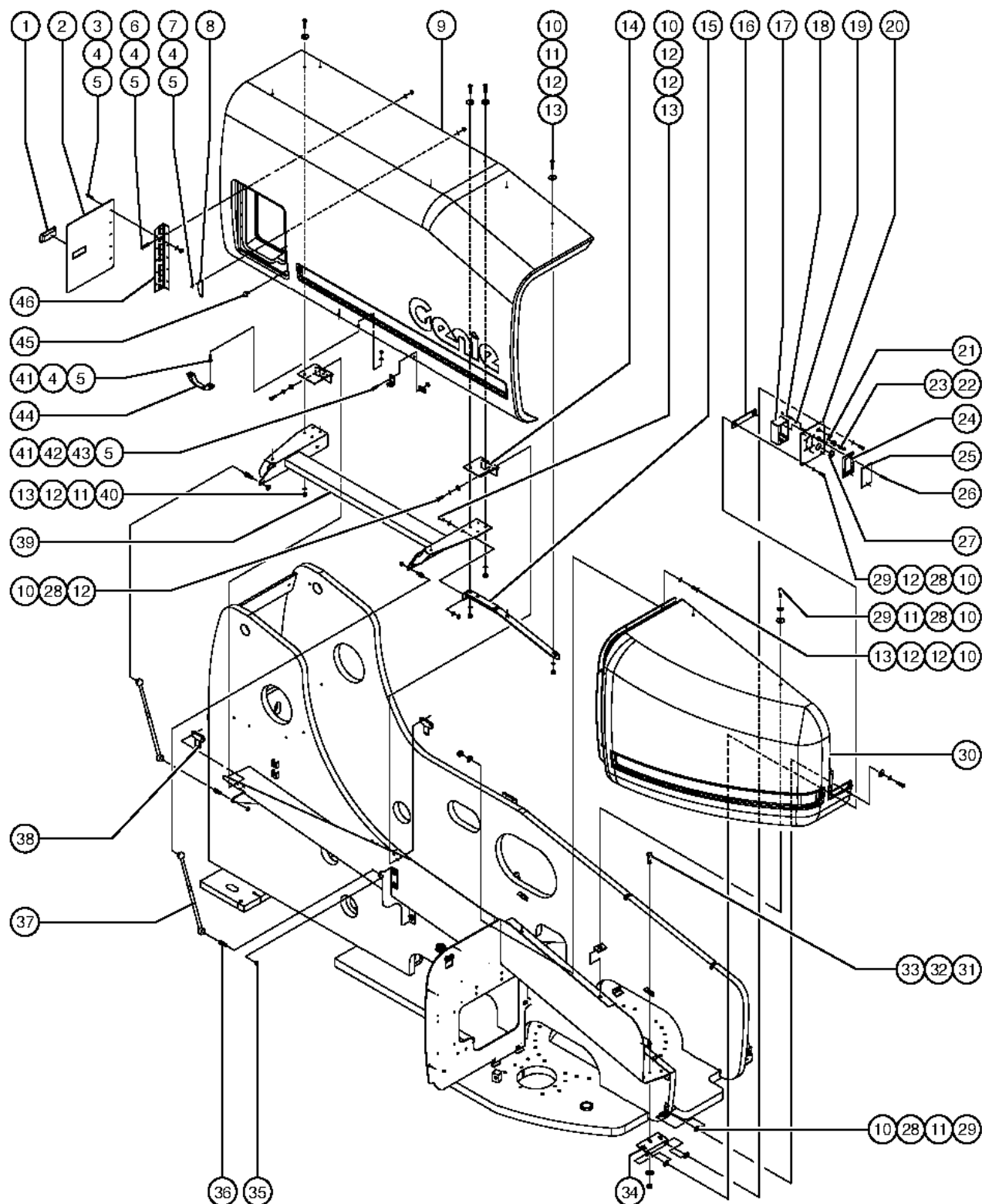
308.1 Turntable Attached Components - Engine Side



308.1 Turntable Attached Components - Engine Side

Item	Part No.	Description	Qty.
1	6888	SCREW,HHC,1/4-20 X 1	
2	6356	WASHER,LOCK, .25	
3	6638	WASHER,FLAT,USS,1/4"Y	
4	61179	COVER,CENTER,SUPERBOOM.....1	
5	45209	WEAR PAD,4X2X.5 W/INSERT***.....1	
6	6090	SCREW,HHC,1/4-20 X .75	
7	60759-S	WELDMENT,CABLE TRAY.....1	
8	11413	SCREW,HHC,1/4-20 X 4	
9	6889	NUT,LP NYLOCK,1/4-20	
10	7339	SCREW,HHC,1/4-20 X .5	
11	75073	HINGE, .375X.120THK.,SLOTTED...2	
12	40265	BALL STUD,GAS STRUT (38593)***.....2	
13	8255	SCREW,HHC,3/8-16 X .75	
14	6021	WASHER,LOCK, .375	
15	5397	WASHER,FLAT,USS,5/16",Y	
16	60583-S	FORMING,GAS STRUT MOUNT.....2	
17	6002	NUT,LP NYLOCK,5/16-18	
18	60483-S	SUPPORT,FUEL TANK COVER.....1	
19	56912	SPRING CLIP,1/4-20,.025-.15X.5	
20	39479	SCREW,HHC,1/2-13 X 2.75	
21	6095	WASHER,FLAT,USS,1/2",Y	
22	6198	NUT,NYLOCK,1/2-13	
23	5361	PIN,COTTER,.125 X 1.5.....1	
24	30748	WASHER,SHIM,1.01 X 1.63 X.062	

309.1 Turntable Covers - Tank Side



309.1 Turntable Covers - Tank Side

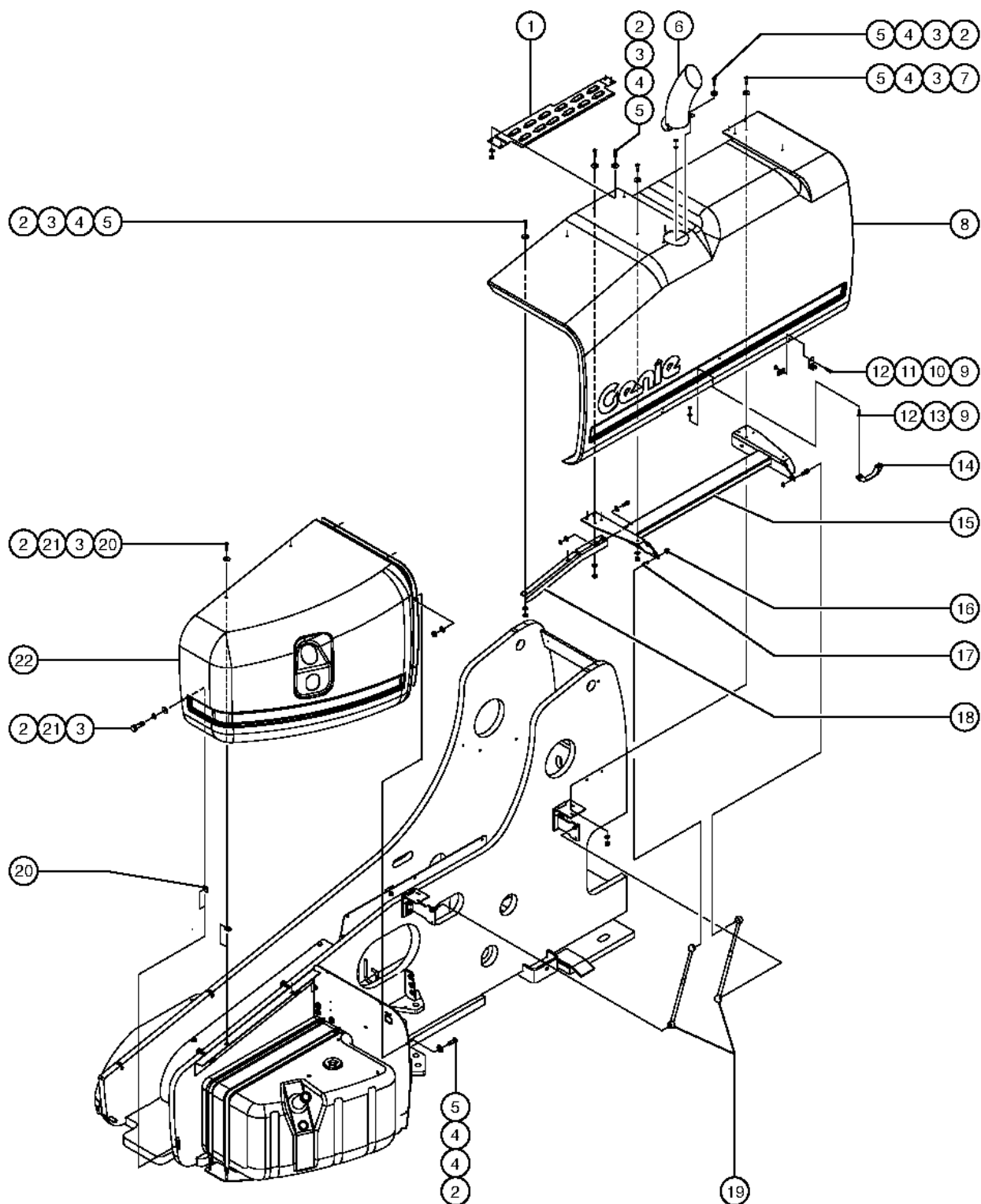
Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	60964	LATCH,PANEL.....	1	18	60728	WIRE CABLE, 10GA/3 SJO JKT.....1960-inches to SN 769	
2	75108-S	GRND.CNTRL ACCESS COVER.....	1	--	43955	WIRE CABLE,12GA/3 CON.TPE JKT*.....1960-inches from SN 770	
--	60966	COVER,TURNTABLE COVER ACCESS <i>Europe/Asia/South America</i>		19	6935	LOCKNUT,ELEC,1/2".....	1
3	5094	SCREW,RHM,10-32 X .5		20	89539P	MOUNT,PANEL,PAINTED.....	1
4	6146	WASHER,FLAT,MS,#10,Y		21	15243	PLUG,NYLON .875 BLACK DOMED.....	1
5	6178	NUT,NYLOCK,10-32		22	6595	PLUG,ELECTRICAL,DOMESTIC.....	1
6	6147	SCREW,RHM,10-32 X 1		23	61278	CONN. SQZ,1/2NPT .56-.63.....	1
7	6873	SCREW,FHM,10-32 X 1		24	74052	GASKET,COVER,GFCI,WEATHERPROOF.	1
8	60892	LATCH,PLATE,CONTROL BOX COVER.....	1	25	10777	COVER,BLANK.....	1
9	102950	COVER W/WRD DECALS TNK SIDE SB.....	1	26	75067	SCREW,6-32 X 7/8 PPMS ZINC	
		<i>includes items 1-8, 10-15, and 39-46; USA/Canada/Australia; to SN 1292</i>		27	21187	PLUG,NYLON 1.38 BLACK DOMED.....	1
--	111330	COVER ASSY W/WORD DECALS SB <i>includes items 1-8, 10-15, and 39-46; USA/Canada/Australia; from SN 1293 to SN 3191</i>		28	6356	WASHER,LOCK,,.25	
--	122894	COVER W/SYM DEC TNK SD 120/125 <i>includes items 1-8, 10-15, and 39-46; Europe/Asia/South America; to SN 3191</i>		29	56912	SPRING CLIP,1/4-20,.025-.15X.5	
--	226110	COVER ASSY W/WORD DECALS SB <i>includes items 1-8, 10-15, and 39-46; USA/Canada/Australia; from SN 3192</i>		30	75110-S	COVER ASSY.W/DECAL TURNTBL.ROT.....	1
--	226111	COVER W/SYM DEC TNK SD 120/125 <i>includes items 1-8, 10-15, and 39-46; Europe/Asia/South America; from SN 3192</i>		--	111328	TURNTABLE COVER W/SYM DECAL LT <i>Europe/Asia/South America</i>	
--	60874	TRIMLOCK,1/4		31	6175	SCREW,HHC,3/8-16 X 1	
10	6888	SCREW,HHC,1/4-20 X 1		32	6097	WASHER,FLAT,USS,3/8",Y	
11	12906	WASHER,FENDER,.25 X 1.25 X.062		33	4828	NUT,NYLOCK,3/8-16	
12	6638	WASHER,FLAT,USS,1/4"Y		34	60895-S	BRACKET,PANEL MOUNT.....	1
13	6091	NUT,NYLOCK,1/4-20		35	6002	NUT,LP NYLOCK,5/16-18	
14	75073	HINGE,.375X.120THK.,SLOTTED...2		36	33555	BALL STUD**.....	4
15	60872	SUPPORT,COVER (61112,61117).....	1	37	122272	GAS STRUT,202 LBS FORCE.....	2
16	61279-S	MOUNT,PANEL BACKING.....	1			<i>includes item 36</i>	
17	75069	T-BOX 2.75 X 4.5 X 2.5.....	1	38	75642-S	PLATE,TAP BLOCK HINGE MNT PTD.....	2
						<i>from SN 424</i>	
				39	60578	COVER SUPPORT,WELDMENT.....	1
				40	8915	SCREW,HHC,1/4-20 X 1.25	
				41	6606	SCREW,RHM,10-32 X .75	
				42	75076	KEEPER,LATCH (45363).....	2
				43	50790	PLATE,COVER LATCH BACKING.....	2
				44	60884	HANDLE,GRAB.....	1

309.1 Turntable Covers - Tank Side
(continued)

Item	Part No.	Description	Qty.
45	34619	BUMPER,RUBBER***.....	2
46	60893	HINGE,SWING CONTROL BOX.....	1

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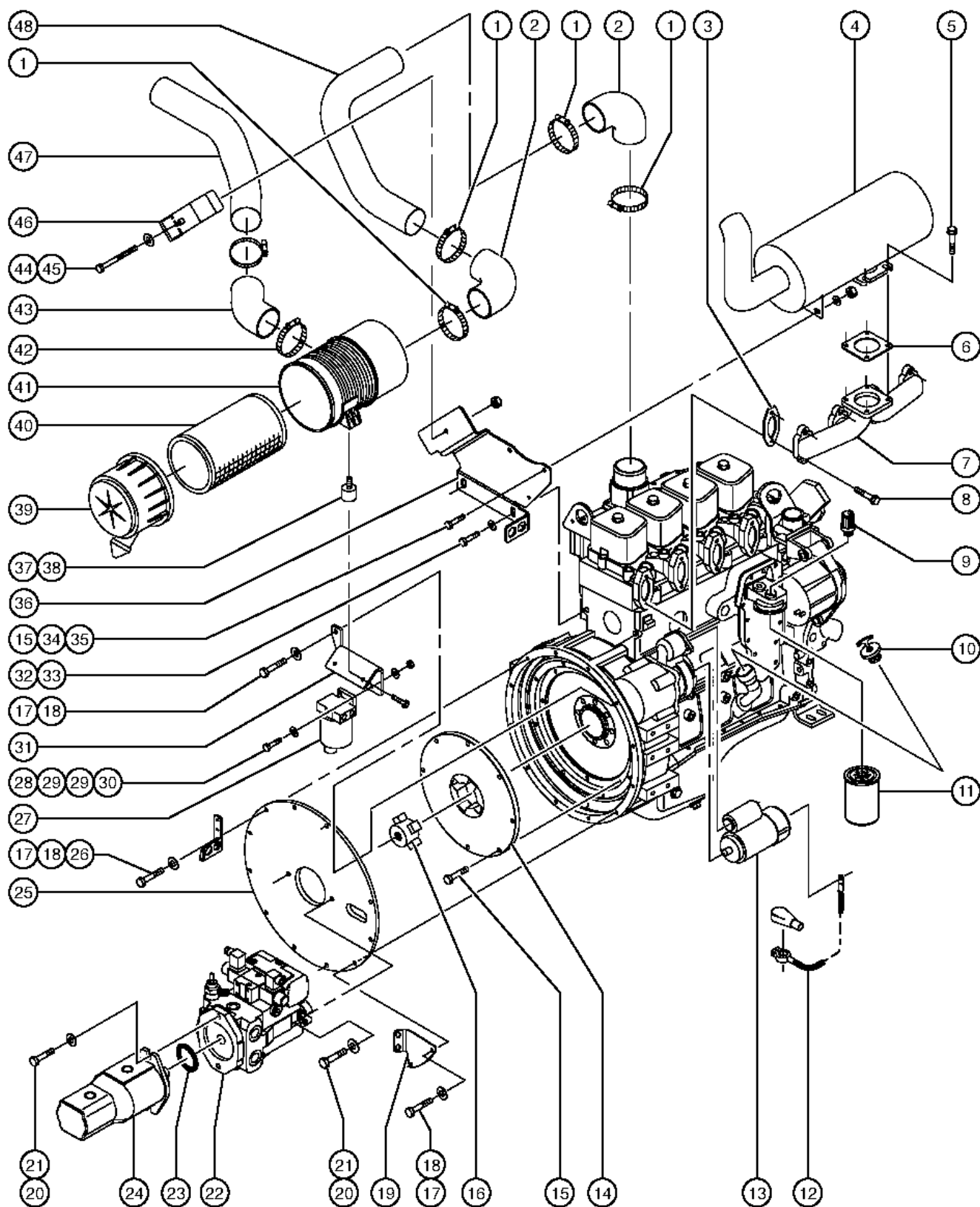
310.1 Turntable Covers - Engine Side



310.1 Turntable Covers - Engine Side

Item	Part No.	Description	Qty.
1	60595-S	SUPPORT,ENGINE COVER GREY.....	1
2	6888	SCREW,HHC,1/4-20 X 1	
3	12906	WASHER,FENDER,,25 X 1.25 X.062	
4	6638	WASHER,FLAT,USS,1/4"Y	
5	6091	NUT,NYLOCK,1/4-20	
6	101964	WELDMENT,EXHAUST TUBE.....	1
7	8915	SCREW,HHC,1/4-20 X 1.25	
8	102948	COVER W/WRD DECALS ENG SIDE SB.....	1
		<i>includes items 1-6, 9, 12-15, and 18; to SN 3191</i>	
--	102947	COVER W/SYM DECALS ENG SIDE SB	
		<i>includes items 1-6, 9, 12-15, and 18; to SN 3191</i>	
--	226123	COVER W/WRD DECALS ENG SIDE SB	
		<i>includes items 1-6, 9, 12-15, and 18; from SN 3192</i>	
--	226124	COVER W/SYM DECALS ENG SIDE SB	
		<i>includes items 1-6, 9, 12-15, and 18; from SN 3192</i>	
--	60874	TRIMLOCK,1/4	
9	6606	SCREW,RHM,10-32 X .75	
10	75076	KEEPER,LATCH (45363).....	2
11	50790	PLATE,COVER LATCH BACKING.....	2
12	6178	NUT,NYLOCK,10-32	
13	6146	WASHER,FLAT,MS,#10,Y	
14	60884	HANDLE,GRAB.....	1
15	60578	COVER SUPPORT,WELDMENT.....	1
16	6002	NUT,LP NYLOCK,5/16-18	
17	33555	BALL STUD**.....	4
18	60872	SUPPORT,COVER (61112,61117).....	1
19	122272	GAS STRUT,202 LBS FORCE.....	2
20	56912	SPRING CLIP,1/4-20,.025-.15X.5	
21	6356	WASHER,LOCK,.25	
22	75112-S	COVER ASSY.W/DECALS,FUEL TANK.....	1
		<i>USA/Canada/Australia</i>	
--	111329	FUEL CVR W/SYM DECAL S100/120 <i>Europe/Asia/South America</i>	

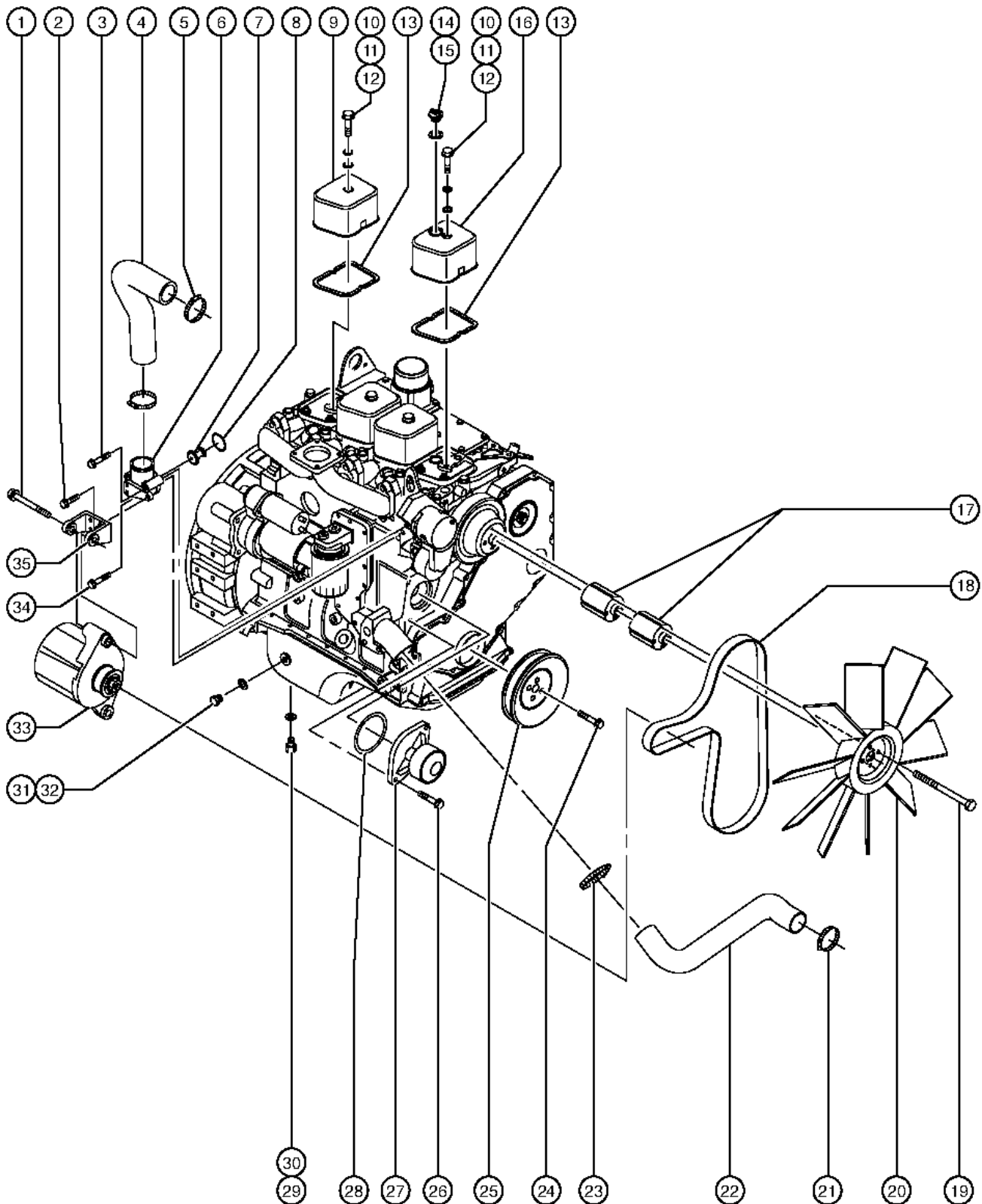
401.1 Cummins 4B3.9L Engine - View 1 (to SN 935)



401.1 Cummins 4B3.9L Engine - View 1 (to SN 935)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	62438	MANUAL,CUMMINS B3.9L, WORKSHOP		20	10597	SCREW,HHC,1/2-13 X 1.25 GR5	
--	61357	HARNESS,CUMMINS ENGINE* to SN 148		21	13066	WASHER,FLAT,.5 HARDENED	
--	75085	HARNESS, SOLENOID from SN 149		22		Ref. Drive Pump (refer to 711.1)	
--	75587	HARNESS,CUMMINS ENGINE,SUPR from SN 530		23	62407	O-RING,PISTON PUMP TO GEARPUMP.....1	
--	88151	FUSE,70 AMP		24		Ref. Function Pump (refer to 711.1)	
--	75618	FUSE,10 A INLINE TIME DELAY to SN 529		25	60322-S	PLATE,PUMP MOUNT.....1	
--	23082	FUSE,15 AMP,TIME DELAY from SN 530		26	75100	BRACKET, CABLE MOUNT.....1	
--	45782	DIODE,6 AMP,200 PIV,BULK		--	60584	GROMMET,RUBBER .75 X .19 X 1**	
--	75187	PAINT,AEROSOL,TITANIUM BLACK		27	75020	SEPRTTR/FLTR,FUEL DSL,15GPH,.30.....1	
1	30489	CLAMP,HOSE,3.50		--	62433	FILTER,ELEMENT,30 MIC,75020	
2	60561	ELBOW,INLET,CUMMINS.....2		28	8915	SCREW,HHC,1/4-20 X 1.25	
3	75150	GASKET,EXH.MNFLD.CUMMINS,B3.9L.4		29	6638	WASHER,FLAT,USS,1/4"Y	
4	60550	MUFFLER,NELSON 3.9L.....1		30	6091	NUT,NYLOCK,1/4-20	
--	61337	MUFFLER,CATALYTIC,CUMMINS		31	61243-S	WELDMNT,AIR CLEANER CUMMINS.....1	
5	75052	SCREW,SER/FLNG 10M-1.5X20MM BK		32	75029	SCREW,HHC,M12 X 1.75X 25MM,8.8	
6	75151	GASKET,MUFFLER,CUMMINS, B3.9L.....1		33	49410	WASHER,FLAT,M12	
7	75152	EXHAUST MANIFOLD,CUMMINS,B3.9L.....1		34	5397	WASHER,FLAT,USS,5/16",Y	
8	75157	SCREW,HHC,M10 X 1.5 X 65,GR8.8		35	4828	NUT,NYLOCK,3/8-16	
9	75153	SENSOR,OIL PRESS,VDO360-004***.....1		36	75044-S	BRACKET,MUFFLER,SUPPORT,CUM.1	
10	75155	CAP,OIL FILLER,CUMMINS, B3.9...1		--	60584	GROMMET,RUBBER .75 X .19 X 1**	
11	62436	FILTER,OIL, CUMMINS B3.9L.....1		37	60585	ISOLATOR,VIBRATION,M8 MALE/FEM.....2	
12	60930	CABLE,BATTERY POSITIVE.....1		38	49378	SCREW,HHC,M8 X 16	
13	75156	STARTER,12V,CUMMINS, B3.9.....1 to SN 772		39	75451	AIR CLEANER COVER, SUPERBOOM.....1	
--	89837	STARTER,12V,CUMMINS, B3.9/B4.5 from SN 773		--	52866	EVACUATOR VALVE-AIR CLEANER	
14	61078	FLYWHEEL DRIVE PLATE,SAE 10.....1		--	75450	AIR CLEANER CLIPS, SUPERBOOM	
15	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5		40	62425	FILTER,AIR CLEANER, SUPERBOOM.....1	
16	61077	COUPLER,HUB,14 TOOTH.....1		41	60328	AIR CLEANER,PLASTIC.....1 includes items 40 and 41	
17	44064	SCREW,HHC,M10 X 30MM,		42	30971	CLAMP,HOSE,3.00"	
18	22699	WASHER,FLAT,M10,ZINC PLTD.		43	61270	ELBOW,45 DEG,INLET.....1	
19	60883	FORMING,TEST PORT MOUNT.....1		44	5387	SCREW,HHC,3/8-16 X 4	
				45	6097	WASHER,FLAT,USS,3/8",Y	
				46	75046-S	CLAMP,AIR INTAKE TUBE.....1	
				47	61271	TUBE,INLET,CUMMINS.....1	
				48	75045	TUBE,INLET,CUMMINS.....1	

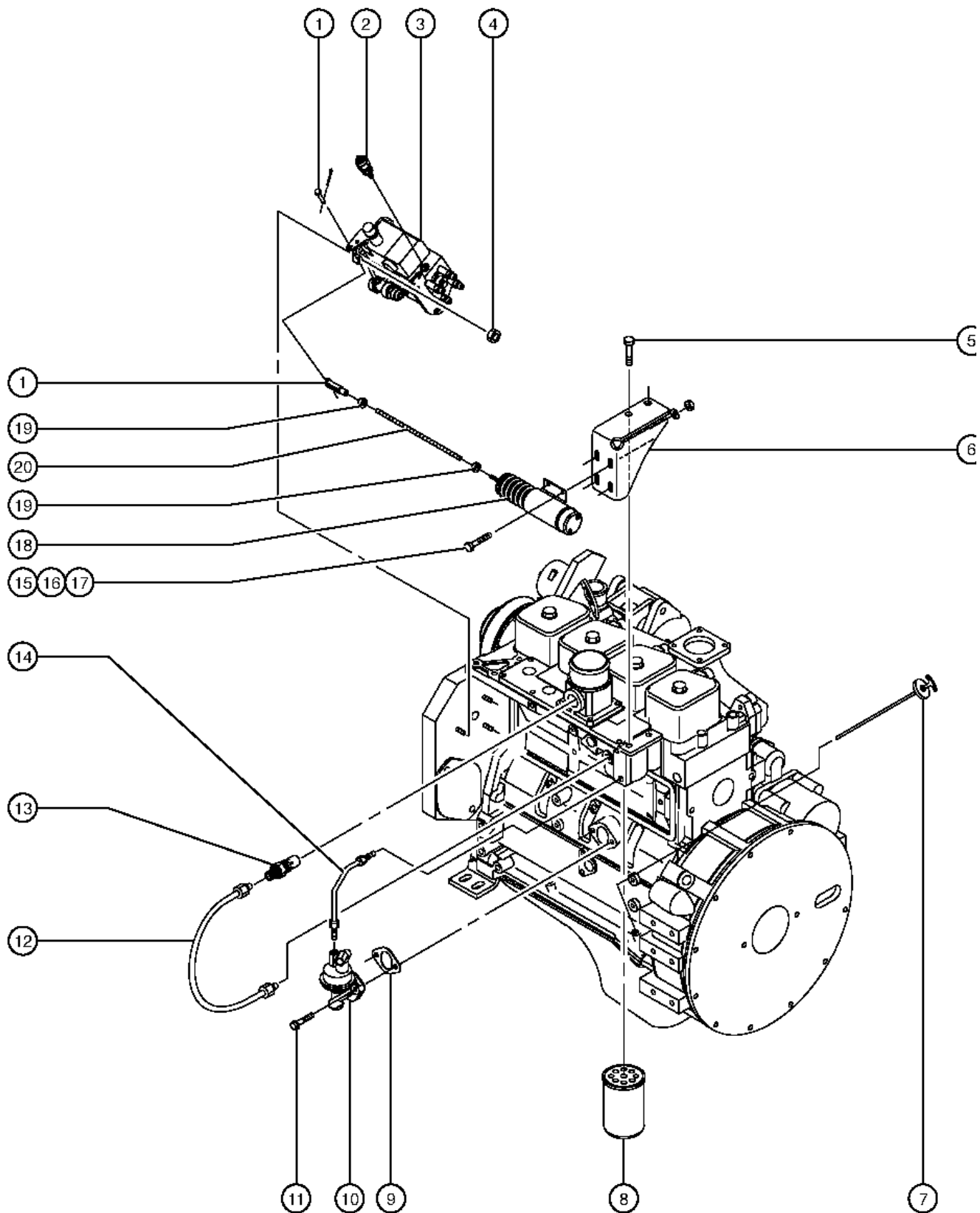
402.1 Cummins 4B3.9L Engine - View 2 (to SN 935)



402.1 Cummins 4B3.9L Engine - View 2 (to SN 935)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	75188	BELT,TIMING,CUMMINS, B3.9		26	75177	SCREW,HHC,M8X1.25X 22MM,GR8.8	
1	75158	SCREW,HHC,M10 X 1.5 X 95,GR8.8		27	75178	PUMP, WATER,CUMMINS B3.9.....1	1
2	75159	SCREW,HHC,M8X1.25X 25MM,GR8.8		28	75179	O-RING,WATER PUMP,CUMMINS B3.9.....1	1
3	75185	SCREW,HHC,M8X1.25X 70MM,GR8.8		29	75180	PLUG,ENGINE OIL, CUMMINS B3.9.....1	1
4	60586	RADIATOR HOSE,UPPER-CUMMINS.....1	1	30	75181	WASHER,OIL DRAIN, CUMMINS B3.9.....1	1
5	22672	CLAMP,HOSE,1.75.....1	1	31	75182	PLUG,ENGINE OIL, CUMMINS B3.9.....1	1
6	75161	THERMOSTAT HOUSING,CUMINS,B3.9.....1	1	32	75183	WASHER,OIL DRAIN, CUMMINS B3.9.....1	1
7	75162	THERMOSTAT,CUMMINS, B3.9.....1	1	33	75102	ALTERNATOR,CUMMINS 4B3.9, 63A.....1	1
8	75163	GASKET,THERMOSTAT,CUMMINS,B3.9.1		--	75184	HARNESS,ALTERNATR,CUMMINS B3.9	
9	75164	VALVE COVER,CUMMINS, B3.9.....3	3	34	75186	SCREW,HHC,M8X1.25X 35MM,GR8.8	
10	75165	SCREW,HHC,M8X1.25X 21MM,GR8.8		35	75160	ALTERNATOR,STAY,CUMMINS B3.9.....1	1
11	75166	WASHER,VALVE COVR.CUMMINS,B3.9.....4	4				
12	75167	ISOLATOR,VALVE COVR.CUMMINS3.9.....4	4				
13	75168	GASKET,VALVE CVR.CUMMINS, B3.9.....4	4				
14	75169	CAP,OIL FILLER,VALV.CVR.CUMMIN.....1	1				
15	75170	O-RING,FILLER CAP,CUMMINS,B3.9.....1	1				
16	75172	VALVE COVER,CUMMINS, B3.9.....1	1				
17	75173	SPACER,FAN,CUMMINS, B3.9.....2	2				
18	62437	BELT,SERPENTINE, CUMMINS B3.9L.....1	1				
19	75174	SCREW,HHC,M8X1.25X 95MM,GR8.8					
20	75171	FAN,PULLER,CUMMINS,4B3.9,60213.1					
21	45435	CLAMP,HOSE,2.50"***.....2	2				
22	60587	RADIATOR HOSE,LOWER-CUMMINS.....1 to SN 476	1				
22	75606	RADIATOR HOSE,LOWER-CUMMINS from SN 477					
23	30971	CLAMP,HOSE,3.00".....1	1				
24	75175	SCREW,HHC,M12X 1.25X36MM,GR8.8					
25	75176	PULLEY,CRANKSHAFT,CUMMINS B3.9.....1	1				

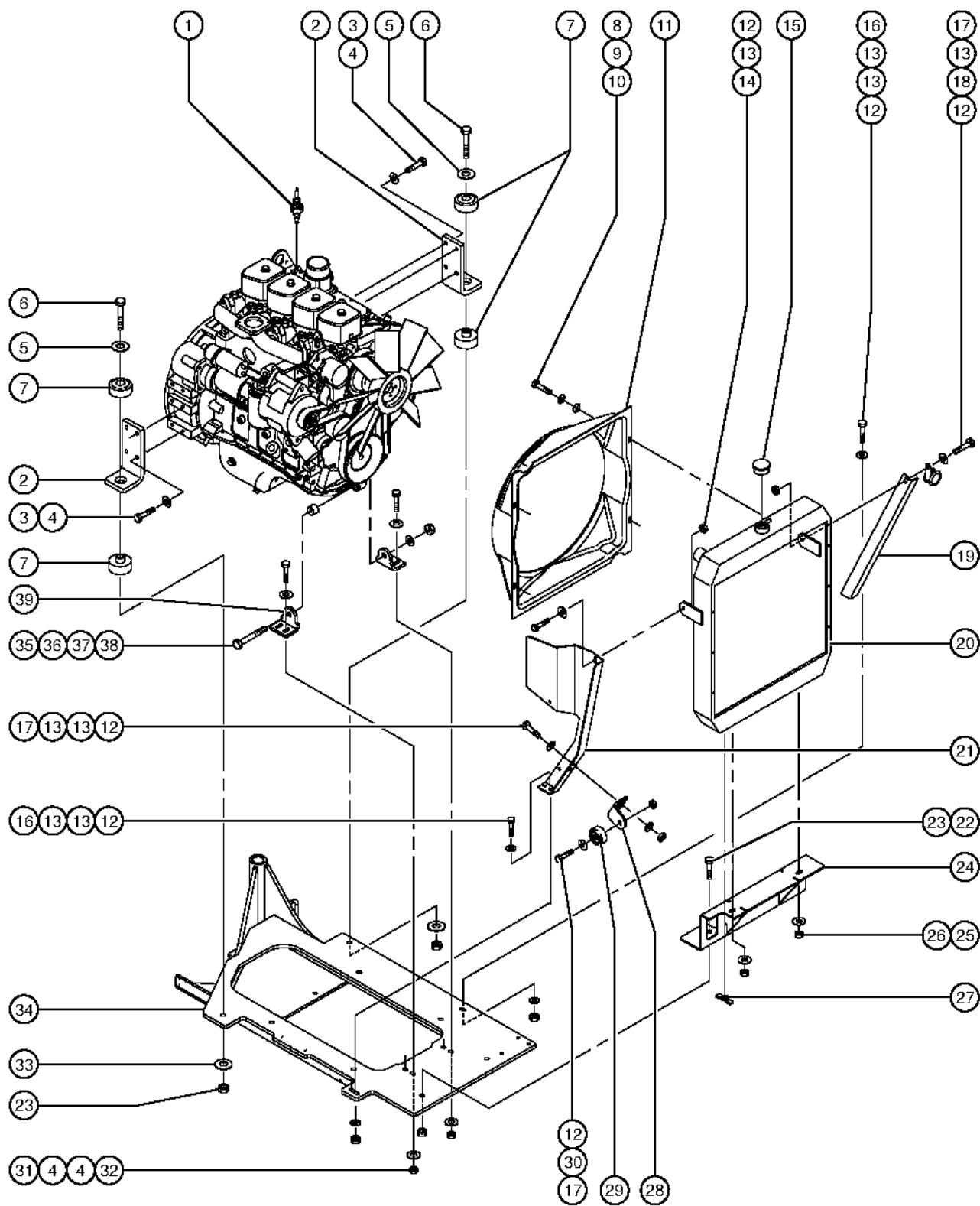
403.1 Cummins 4B3.9L Engine - View 3 (to SN 935)



403.1 Cummins 4B3.9L Engine - View 3 (to SN 935)

Item	Part No.	Description	Qty.
1	21130	CLEVIS YOKE-1/4-28,PLTD W/PIN.....1 <i>includes clevis pin and cotter pin</i>	1
2	75189	VALVE,FUEL SHUTOFF,CUMMINSB3.9.....1	1
3	75190	PUMP,FUEL INJECTION,CUMMINB3.9.....1 <i>includes item 2</i>	1
4	75202	NUT,HEX,FLANGE,M8X1.25,CUMMINS	
5	75192	SCREW,HHC,M12X 1.75X35MM,GR8.8	
6	60569-S	BRACKET,THROTTLE MOUNT CUMM.....1	1
7	75193	DIPSTICK,CUMMINS, B3.9.....1	1
--	75194	DIPSTICK,TUBE,CUMMINS, B3.9	
8	62435	FILTER,FUEL,CUMMINS B3.9L,SPIN.....1	1
9	102300	GASKET, FUEL PUMP CUMMINS B4.5.....1	1
10	75196	PUMP,FUEL LIFT, CUMMINS, B3.9.....1	1
--	61152	ELBOW,45DEG,TO MALE PIPE	
11	75159	SCREW,HHC,M8X1.25X 25MM,GR8.8	
12	75199	TUBE,STARTING AID,CUMMINS,B3.9.....1	1
13	75200	HEATER,START AID,CUMMINS B3.9.....1	1
14	75197	TUBE,FUEL SUPPLY,CUMMINS, B3.9.....1	1
--	75198	WASHER,FUEL SUPPLY,CUMMINSB3.9	
15	6090	SCREW,HHC,1/4-20 X .75	
16	6638	WASHER,FLAT,USS,1/4"Y	
17	6091	NUT,NYLOCK,1/4-20	
18	89998	KIT,SERVICE,SOLENOID MODULE.....1	1
--	52537	BOOT,SOLENOID,29073	
--	58165	SOLENOID UPDATE KIT	
--	75085	HARNESS, SOLENOID	
19	21496	NUT,HEX,1/4-28	
20	30785-1000	THREADED ROD,1/4-28 X 10 IN***.....1	1

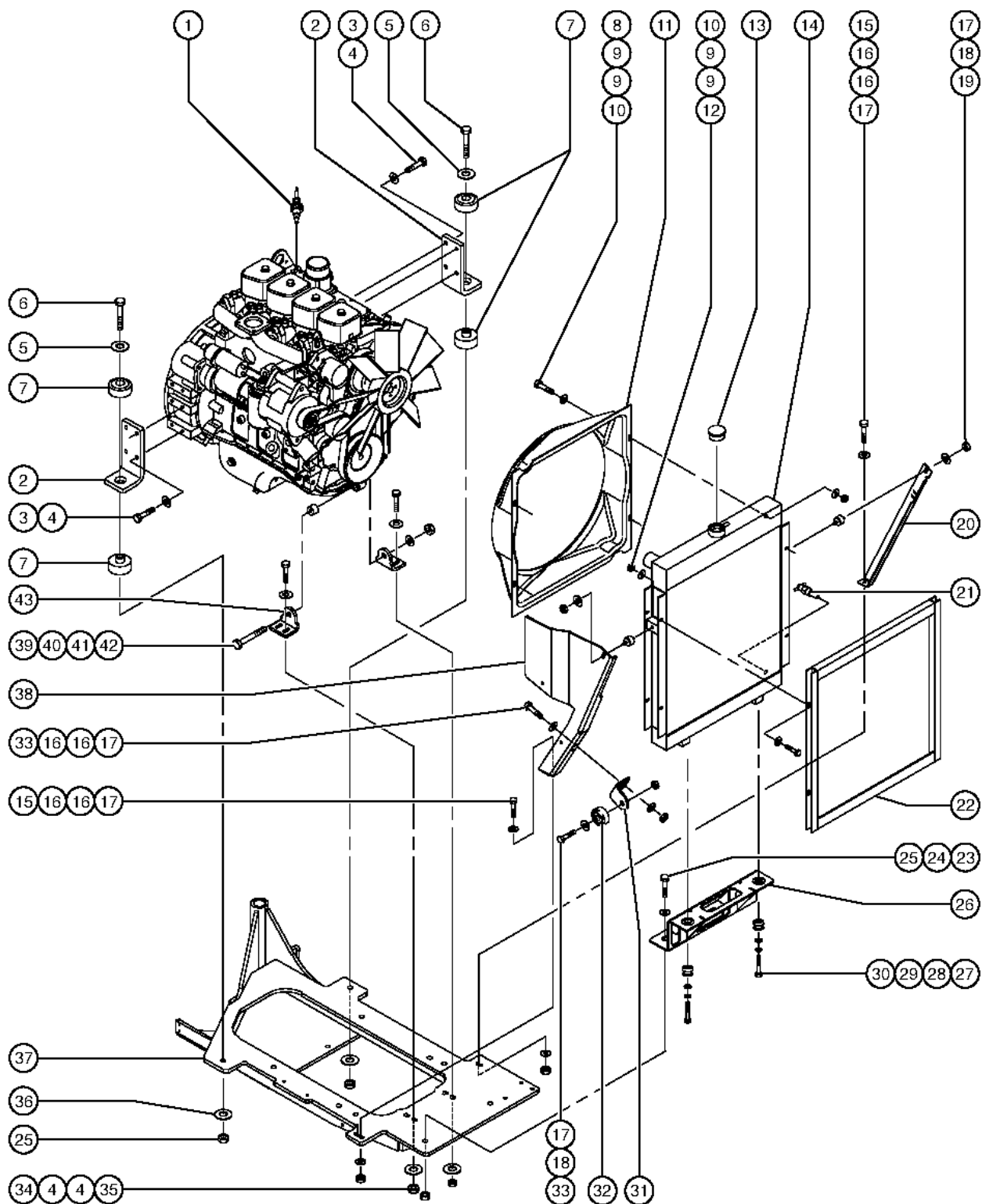
404.1 Cummins 4B3.9L Engine - View 4 (to SN 935)



404.1 Cummins 4B3.9L Engine - View 4 (to SN 935)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	75154	SENSOR,COOLANT TEMP.VDO323-419.....	1	32	60868	SCREW,HHC,M12 X 45	
2	60552-S	BRACKET,ENGINE MOUNT,CUMMINS.....	2	33	6035	WASHER,FLAT,USS,5/8",Y	
3	27584	SCREW,HHC,M12 X 35MM		34		Ref. Engine Tray (refer to 408.1)	
4	49410	WASHER,FLAT,M12		35	75135	SCREW,HHC,3/4-10 X 6 (CUMMINS)	
5	33418	WASHER,FLAT,.625 X 2.25 X.15		36	75120	ISOLATOR,CUMMINS 4B3.9L ENGINE.....	1
6	59746	SCREW,HHC,5/8-11 X 4.0		37	34550	WASHER,LOCK,.75 PLTD	
7	102045	ISOLATOR,ENGINE VIBRATION....	2	38	75136	NUT,HEX,HEAVY DUTY JAM,3/4-10	
8	7339	SCREW,HHC,1/4-20 X .5		39	75137	BRACKET,ENGINE SUPPORT,CUMMINS.....	2
9	6356	WASHER,LOCK,.25					
10	6638	WASHER,FLAT,USS,1/4"Y					
11	60649	SHROUD,FAN (FIBERGLASS).....	1				
12	4828	NUT,NYLOCK,3/8-16					
13	5397	WASHER,FLAT,USS,5/16",Y					
14	6175	SCREW,HHC,3/8-16 X 1					
15	75434	CAP,RADIATOR,7 PSI, AKG.....	1				
16	8516	SCREW,HHC,3/8-16 X 1.50,GR5					
17	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5					
18	60838	CLAMP,1.00,#16 X 7/16,RUB CUSH					
19	60592-S	RADIATOR STRUT,LEFT (INBOARD).....	1				
20	75291	RADIATOR,CUMMINS/PERKINS.....	1				
		<i>includes items 15 and 27</i>					
--	75438-S	RADIATOR UPGRADE KIT,SUPERB					
21	111400	RADIATOR STRUT ASSEMBLY, RIGHT.....	1				
		<i>USA/Canada/Australia</i>					
--	60593-S	RADIATOR STRUT,RIGHT(OUTBORD) <i>Europe/Asia/South America</i>					
22	29883	SCREW,HHC,5/8-11 X 1.75 GRD.8.....	2				
23	6024	NUT,NYLOCK,5/8-11					
24	60640-S	WELDMENT,RADIATOR MOUNT....	1				
25	6198	NUT,NYLOCK,1/2-13					
26	11209	WASHER,FLAT,USS,7/16",Y					
27	75435	VALVE,RADIATOR DRAIN, AKG.....	1				
28	60729-S	FORMING,COVER STOP.....	1				
29	50974	BUMPER,RUBBER,COVERS.....	1				
30	6097	WASHER,FLAT,USS,3/8",Y					
31	49366	NUT,NYLOCK,M12X1.75					

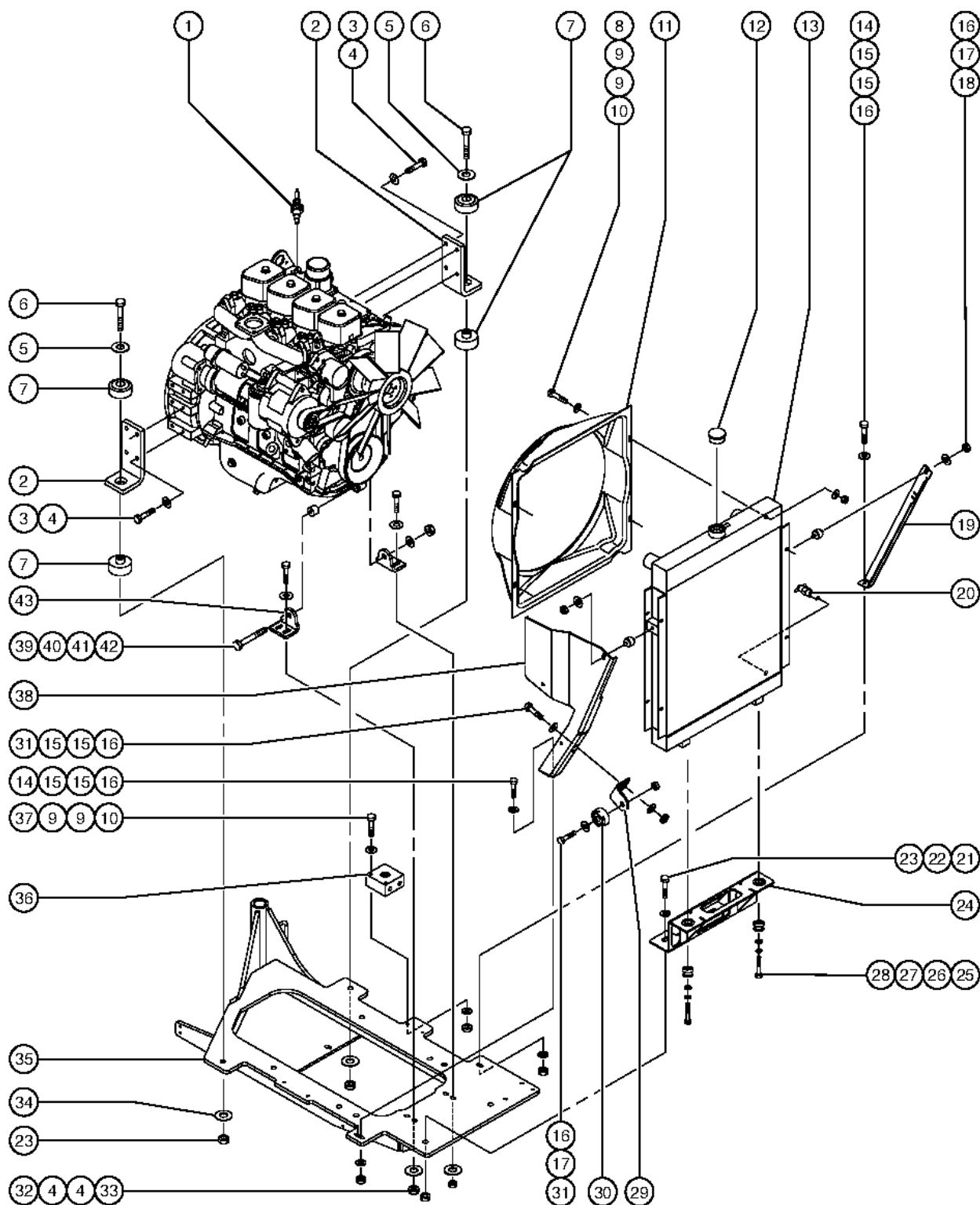
404.2 Cummins 4B3.9L Engine - View 4 (from SN 285 to 476)



404.2 Cummins 4B3.9L Engine - View 4 (from SN 285 to 476)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	75154	SENSOR,COOLANT TEMP.VDO323-419.....	1	34	49366	NUT,NYLOCK,M12X1.75	
2	60552-S	BRACKET,ENGINE MOUNT,CUMMINS.....	2	35	60868	SCREW,HHC,M12 X 45	
3	27584	SCREW,HHC,M12 X 35MM		36	6035	WASHER,FLAT,USS,5/8",Y	
4	49410	WASHER,FLAT,M12		37	75124-S	ENGINE TRAY PIVOT ASSEMBLY	
5	33418	WASHER,FLAT,.625 X 2.25 X.15		38	111396	RADIATOR STRUT ASSEMBLY,RIGHT.....	1
6	59746	SCREW,HHC,5/8-11 X 4.0				<i>USA/Canada/Australia</i>	
7	102045	ISOLATOR,ENGINE VIBRATION....	2	--	122026P	RADIATOR STRUT,RIGHT <i>Europe/Asia/South America</i>	
8	6888	SCREW,HHC,1/4-20 X 1		39	75135	SCREW,HHC,3/4-10 X 6 (CUMMINS)	
9	6638	WASHER,FLAT,USS,1/4"Y		40	75120	ISOLATOR,CUMMINS 4B3.9L ENGINE.....	1
10	6091	NUT,NYLOCK,1/4-20		41	34550	WASHER,LOCK,,.75 PLTD	
11	60649	SHROUD,FAN (FIBERGLASS).....	1	42	75136	NUT,HEX,HEAVY DUTY JAM,3/4-10	
12	6090	SCREW,HHC,1/4-20 X .75		43	75137	BRACKET,ENGINE SUPPORT,CUMMINS.....	2
13	75434	CAP,RADIATOR,7 PSI, AKG.....	1				
14	75291	RADIATOR,CUMMINS/PERKINS.....	1				
		<i>includes items 13 and 21</i>					
15	8516	SCREW,HHC,3/8-16 X 1.50,GR5					
16	5397	WASHER,FLAT,USS,5/16",Y					
17	4828	NUT,NYLOCK,3/8-16					
18	6097	WASHER,FLAT,USS,3/8",Y					
19	75260	ISOLATOR,FLEX-BOLT SANDWICH***.....	2				
20	75262-S	RADIATOR STRUT,LEFT, PAINTED.....	1				
21	75435	VALVE,RADIATOR DRAIN, AKG.....	1				
22	75300	WELDMENT,RADIATOR SHROUD.....	1				
23	29883	SCREW,HHC,5/8-11 X 1.75 GRD.8.....	2				
24	13064	WASHER,FLAT,.625 HARDENED....	2				
25	6024	NUT,NYLOCK,5/8-11					
26	75297-S	WELDMENT,RADIATOR MOUNT,PAINTD.....	1				
27	13918	SCREW,HHC,3/8-16 X 1.75,GRD.8.....	2				
28	6021	WASHER,LOCK,,.375.....	2				
29	44714	WASHER,,.375X1.25X.100					
30	122026P	RADIATOR STRUT,RIGHT.....	2				
31	60729-S	FORMING,COVER STOP.....	1				
32	50974	BUMPER,RUBBER,COVERS.....	1				
33	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5					

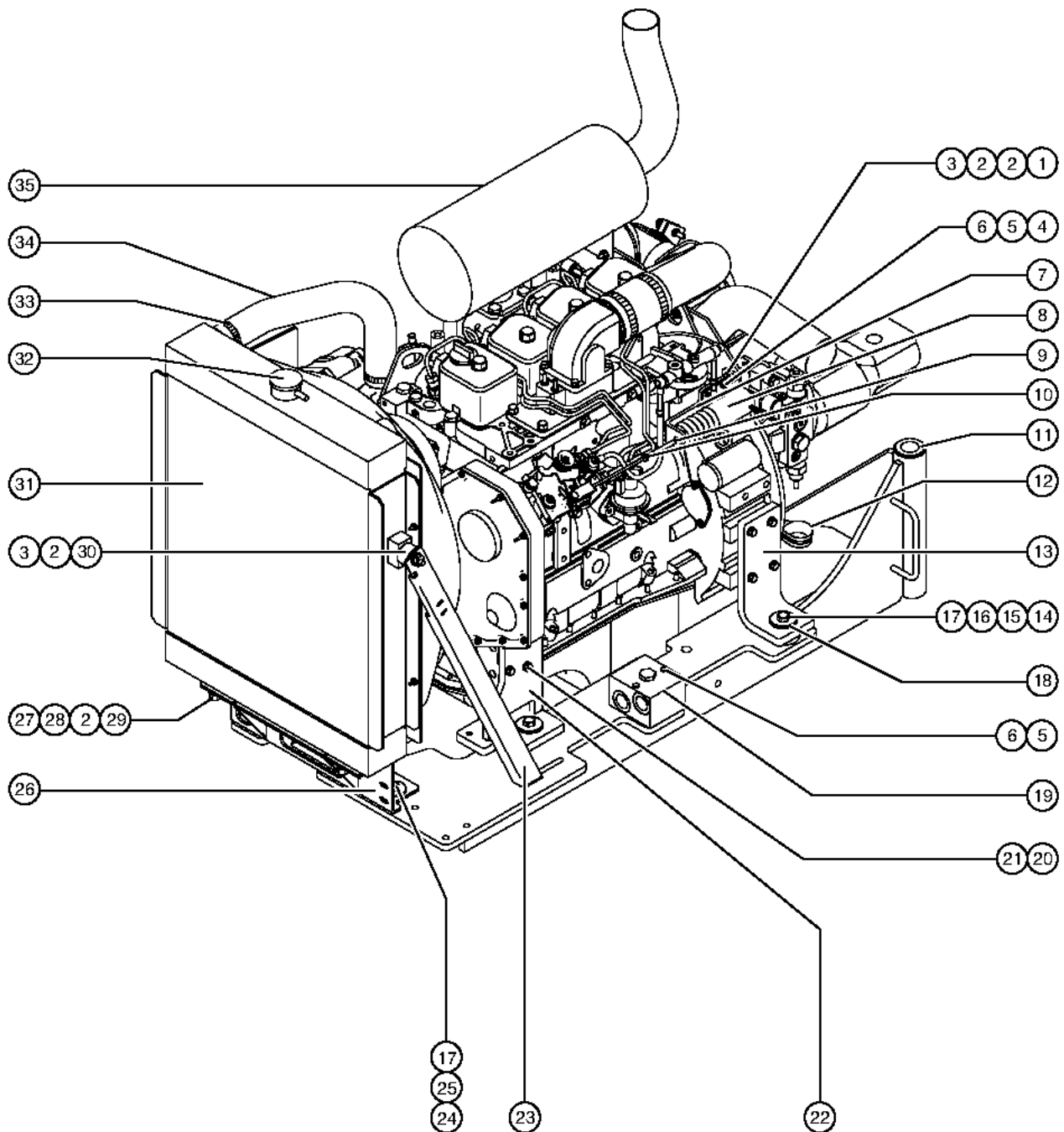
404.3 Cummins 4B3.9L Engine - View 4 (from SN 477 to 935)



404.3 Cummins 4B3.9L Engine - View 4 (from SN 477 to 935)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	75154	SENSOR,COOLANT TEMP.VDO323-419.....	1	35		Ref. Engine Tray (refer to 408.2)	
2	60552-S	BRACKET,ENGINE MOUNT,CUMMINS.....	2	36	75651	MANIFOLD,COOLER BYPASS	
3	27584	SCREW,HHC,M12 X 35MM		--	102166	VALVE,CHECK,30 PSI	
4	49410	WASHER,FLAT,M12		--	44224	SEAL KIT, VALVE	
5	33418	WASHER,FLAT,.625 X 2.25 X.15		37	6115	SCREW,HHC,1/4-20 X 3.5	
6	59746	SCREW,HHC,5/8-11 X 4.0		38	111396	RADIATOR STRUT ASSEMBLY,RIGHT.....	1
7	102045	ISOLATOR,ENGINE VIBRATION....	2			<i>USA/Canada/Australia</i>	
8	6888	SCREW,HHC,1/4-20 X 1		--	122026P	RADIATOR STRUT,RIGHT <i>Europe/Asia/South America</i>	
9	6638	WASHER,FLAT,USS,1/4"Y		39	75135	SCREW,HHC,3/4-10 X 6 (CUMMINS)	
10	6091	NUT,NYLOCK,1/4-20		40	75120	ISOLATOR,CUMMINS 4B3.9L ENGINE.....	1
11	60649	SHROUD,FAN (FIBERGLASS).....	1	41	34550	WASHER,LOCK,.75 PLTD	
12	75434	CAP,RADIATOR,7 PSI, AKG.....	1	42	75136	NUT,HEX,HEAVY DUTY JAM,3/4-10	
13	75547	RADIATOR.....	1	43	75137	BRACKET,ENGINE SUPPORT,CUMMINS.....	2
		<i>includes items 12 and 20</i>					
14	8516	SCREW,HHC,3/8-16 X 1.50,GR5					
15	5397	WASHER,FLAT,USS,5/16",Y					
16	4828	NUT,NYLOCK,3/8-16					
17	6097	WASHER,FLAT,USS,3/8",Y					
18	75260	ISOLATOR,FLEX-BOLT SANDWICH***.....	2				
19	75262-S	RADIATOR STRUT,LEFT, PAINTED.....	1				
20	75435	VALVE,RADIATOR DRAIN, AKG.....	1				
21	29883	SCREW,HHC,5/8-11 X 1.75 GRD.8.....	2				
22	13064	WASHER,FLAT,.625 HARDENED....	2				
23	6024	NUT,NYLOCK,5/8-11					
24	75297-S	WELDMENT,RADIATOR MOUNT,PAINTD.....	1				
25	13918	SCREW,HHC,3/8-16 X 1.75,GRD.8.....	2				
26	6021	WASHER,LOCK,.375					
27	44714	WASHER,.375X1.25X.100					
28	75259	ISOLATOR,CENTER BONDED.....	2				
29	60729-S	FORMING,COVER STOP.....	1				
30	50974	BUMPER,RUBBER,COVERS.....	1				
31	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5					
32	49366	NUT,NYLOCK,M12X1.75					
33	60868	SCREW,HHC,M12 X 45					
34	6035	WASHER,FLAT,USS,5/8",Y					

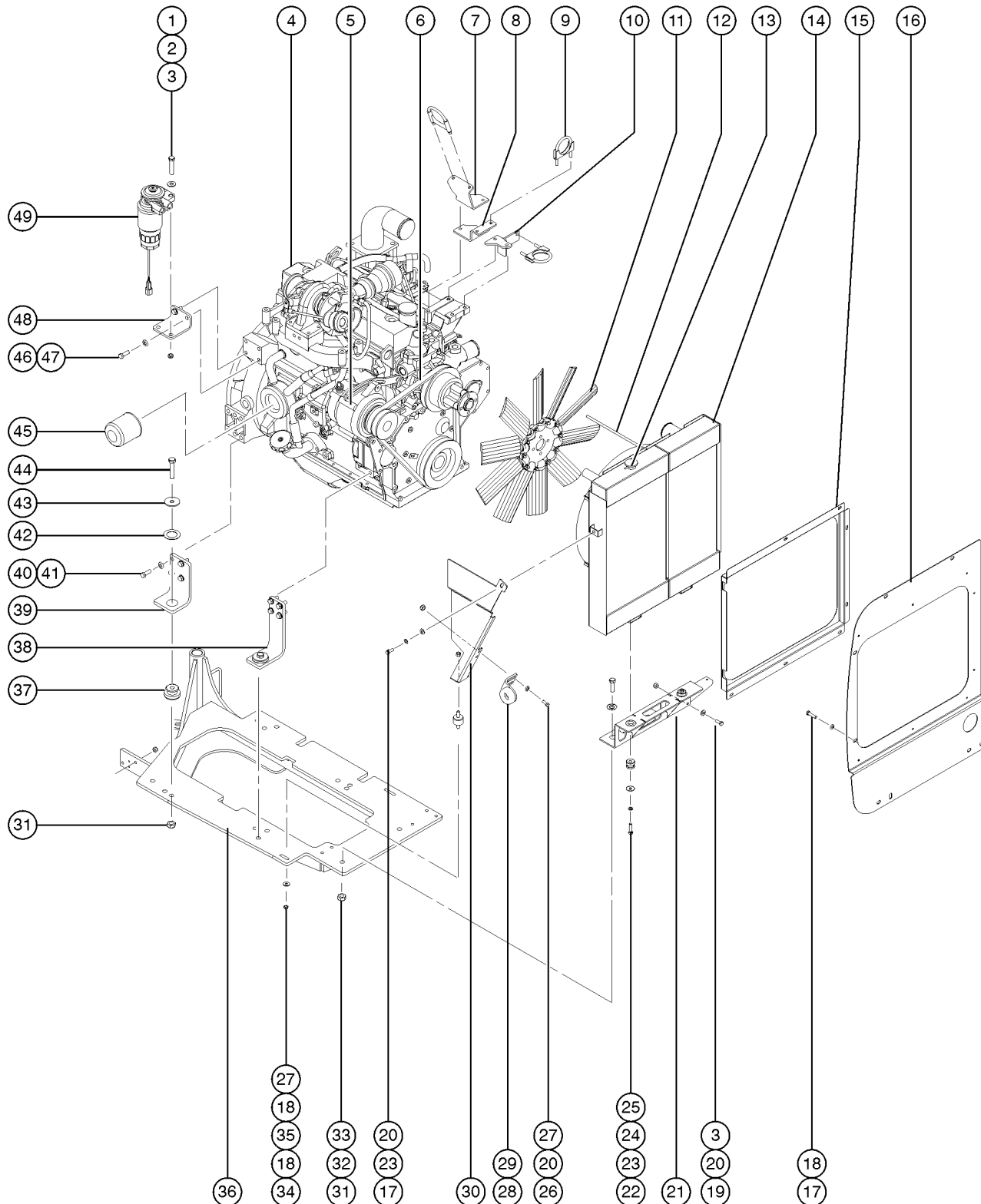
405.1 Cummins B4.5 C80 Engine - View 1 (from SN 936 to 2547)



405.1 Cummins B4.5 C80 Engine - View 1 (from SN 936 to 2547)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	61078	FLYWHEEL DRIVE PLATE,SAE 10 to SN 1028		23	75262P	RADIATOR STRUT,LEFT,PAINTED.....	1
--	33023	FLYWHEEL FLANGE,SAE 8/12.375 from SN 1029		24	29883	SCREW,HHC,5/8-11 X 1.75 GRD.8.....	2
--	61077	COUPLER,HUB,14 TOOTH to SN 1028		25	13064	WASHER,FLAT,.625 HARDENED	
--	29749	COUPLER,SMALL METAL,15T,*** from SN 1029		26	75297P	WELDMENT,RADIATOR MOUNT....	1
--	102182	HARNESS,ENGINE,CUMMINS 2004 to SN 1028		27	13918	SCREW,HHC,3/8-16 X 1.75,GRD.8.....	2
--	102707	HARNESS,ENGINE,CUMMINS 4.5 from SN 1029 to SN 1260		28	6021	WASHER,LOCK,.375	
--	111117	HARNESS,CUMMINS ENGINE from SN 1261		29	75259	ISOLATOR,CENTER BONDED.....	2
1	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5		30	75260	ISOLATOR,FLEX-BOLT SANDWICH***.....	2
2	5397	WASHER,FLAT,USS,5/16",Y		31	75547	RADIATOR.....	1
3	4828	NUT,NYLOCK,3/8-16		--	70518	RADIATOR from SN 985	
4	6090	SCREW,HHC,1/4-20 X .75		32	75434	CAP,RADIATOR,7 PSI, AKG.....	1
5	6638	WASHER,FLAT,USS,1/4"Y		--	65473	CAP,RADIATOR,PERKINS/FORD from SN 985	
6	6091	NUT,NYLOCK,1/4-20		33	45435	CLAMP,HOSE,2.50"***.....	4
7	102035P	FORMING,THROTTLE SOL MNT CUM.....	1	34	60586	RADIATOR HOSE,UPPER-CUMMINS.....	1
8	89998	KIT,SERVICE,SOLENOID MODULE.....	1	35	60550	MUFFLER,NELSON 3.9L.....	1
9	102048	CABLE ASSY,THROTTLE.....	1	--	61337	MUFFLER,CATALYTIC,CUMMINS	
10	21496	NUT,HEX,1/4-28		--	75151	GASKET,MUFFLER,CUMMINS, B3.9L	
11	35675	BEARING,FL,1.25IDX1.5ODX1.25L.2					
12	77181	CLAMP,1.63,#26 X 3/8,RUB CUSH.....	1				
13	102044P	BRACKET,ENGINE MOUNT,CUMMINS.....	2				
14	13004	SCREW,HHC,5/8-11 X 3 GRD.8.....	4				
15	33418	WASHER,FLAT,.625 X 2.25 X.15					
16	6035	WASHER,FLAT,USS,5/8",Y					
17	6024	NUT,NYLOCK,5/8-11					
18	102045	ISOLATOR,ENGINE VIBRATION.....	4				
19		Ref. Hydraulic Oil Cooler Manifold (refer to 404.3)					
20	27584	SCREW,HHC,M12 X 35MM					
21	49410	WASHER,FLAT,M12					
22	102043	WELDMENT,ENGINE MOUNT,RT,FRONT.....	1				

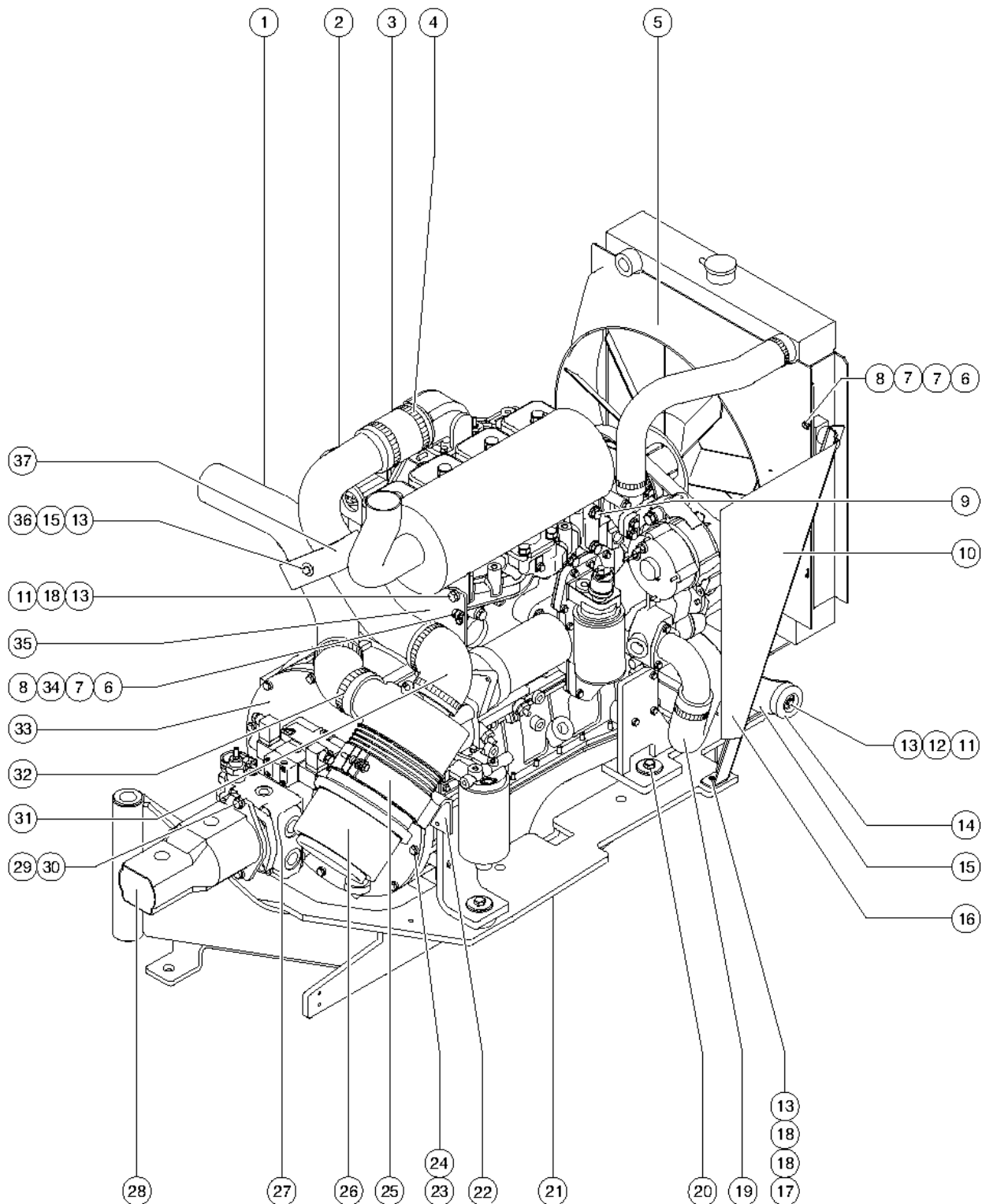
405.2 Cummins B3.3T Engine - View 1 (from SN 2548)



405.2 Cummins B3.3T Engine - View 1 (from SN 2548)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	122877	HARNESS,CUMMINS ENGINE T3		32	13064	WASHER,FLAT,.625 HARDENED	
--	139612	KIT CB 15A T2 RPM SOLENOID 3W <i>includes item 128829; to SN 2588</i>		33	29883	SCREW,HHC,5/8-11 X 1.75 GRD.8	
--	128829	CIRCUIT BRKR 15A TYPE 2 METAL <i>from SN 2589</i>		34	7713	NUT,LP NYLOCK,3/8-16	
1	13000	SCREW,HHC,5/16-18 X 1.25		35	122428	MOUNT,1"FLEX-BOLT SANDWICH.....1	1
2	6638	WASHER,FLAT,USS,1/4"Y		36		Ref. ENGINE TRAY (refer to 408.2).....1	1
3	6782	NUT,NYLOCK,5/16-18		37	102045	ISOLATOR,ENGINE VIBRATION	
4	122402	ENGINE KIT, CUMMINS B3.3T.....1	1	38	122409	FORMING,MOUNT,ENGINE,FRONT.2	2
5	146046	ALTERNATOR.....1	1	39	122410	FORMING,MOUNT,ENGINE,REAR.2	2
6	146047	BELT.....1	1	40	27584	SCREW,HHC,M12 X 35MM	
7	122625	BRACKET, SUPPORT, EXH. CUM T3.....1	1	41	49410	WASHER,FLAT,M12	
8	122424	BRACKET,CAC 2 TUBING MOUNT.....1	1	42	18596	WASHER,FLAT,1.56 X 2.5 X .061	
9	71911	CLAMP,MUFFLER, 2.50 INCH.....4	4	43	33418	WASHER,FLAT,.625 X 2.25 X.15	
10	122335	BRACKET, CAC INTAKE TUBE MOUNT.....1	1	44	13004	SCREW,HHC,5/8-11 X 3 GRD.8	
11	122438	FAN, 19.0", BREEZA.....1	1	45	122708	OIL FILTER.....1	1
12	30490	HOSE,1/4 FUEL LINE,SAE 30R7.....16-inches	16	46	27034	SCREW,HHC,M10 X 25MM,GR 8.8	
13	65473	CAP,RADIATOR,PERKINS/FORD....1	1	47	22699	WASHER,FLAT,M10,ZINC PLTD.	
14	122404	ASSY, RAD/CAC, CUMMINS B3.3T.....1	1	48	111639	FORMING,FUEL FILTER MOUNT...1	1
15	122594	FORMING,BAFFLE BOX.....1	1	49	122709	FUEL FILTER.....1	1
16	128505	FORMING,ENGINE BAFFLE.....1	1				
17	8255	SCREW,HHC,3/8-16 X .75					
18	6097	WASHER,FLAT,USS,3/8",Y					
19	13002	SCREW,HHC,5/16-18 X 1 GR5					
20	5397	WASHER,FLAT,USS,5/16",Y					
21	122415	WELDMENT,RADIATOR MOUNT,CUM.....1	1				
22	8516	SCREW,HHC,3/8-16 X 1.50,GR5					
23	6021	WASHER,LOCK,.375					
24	44714	WASHER,.375X1.25X.100					
25	75259	ISOLATOR,CENTER BONDED					
26	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5					
27	4828	NUT,NYLOCK,3/8-16					
28	50974	BUMPER,RUBBER,COVERS					
29	60729	FORMING,COVER STOP***					
30	122412	RADIATOR STRUT,RIGHT.....1	1				
31	6024	NUT,NYLOCK,5/8-11					

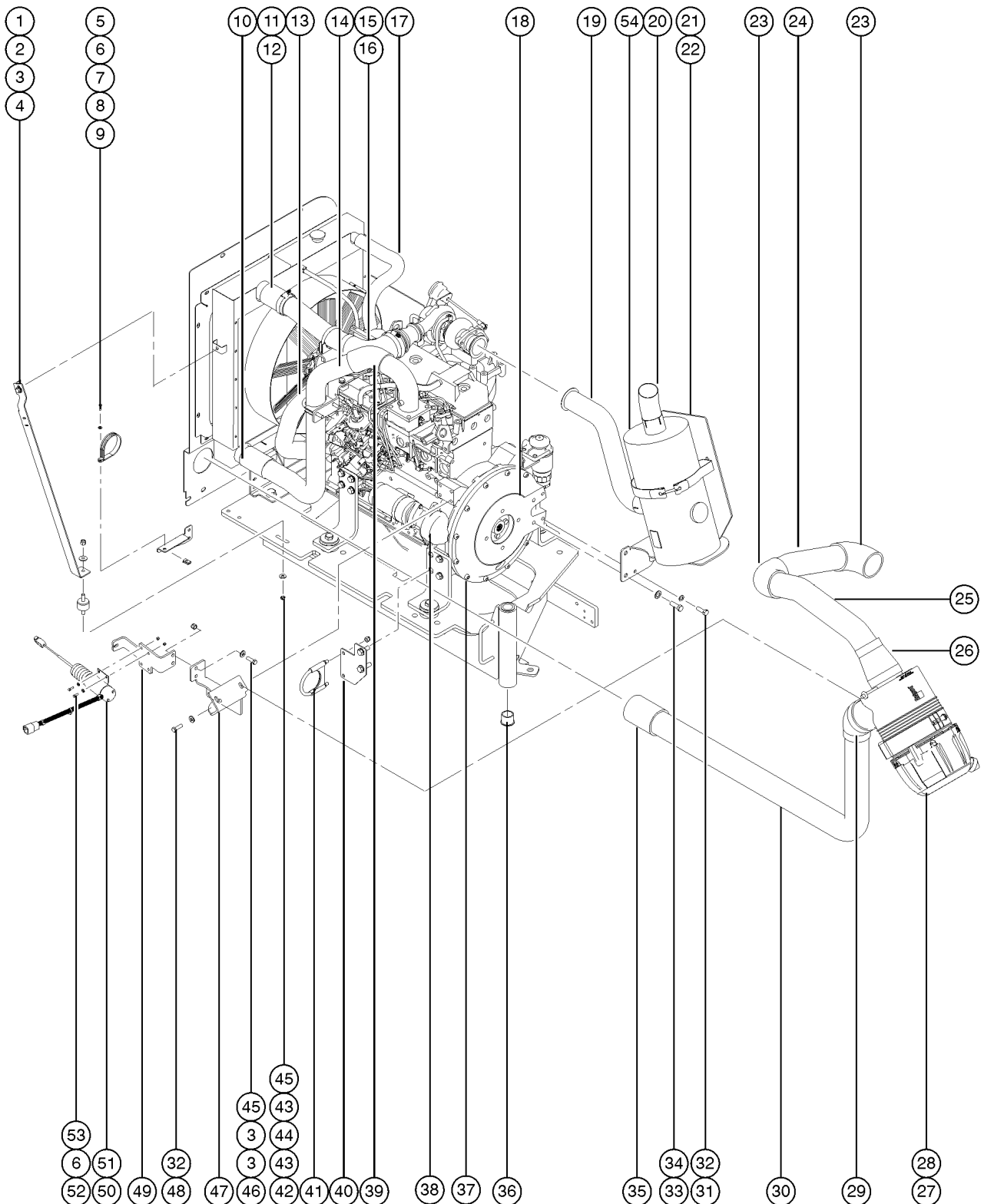
406.1 Cummins B4.5 C80 Engine - View 2 (from SN 936 to 2547)



406.1 Cummins B4.5 C80 Engine - View 2 (from SN 936 to 2547)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	61271	TUBE,INLET,CUMMINS.....	1	31	60561	ELBOW,INLET,CUMMINS.....	1
2	75045	TUBE,INLET,CUMMINS.....	1	32	61270	ELBOW,45 DEG,INLET.....	1
3	60596	HOSE INLET.....	1	33	60322P	PLATE,PUMP MOUNT.....	1
4	30489	CLAMP,HOSE,3.50.....	6	34	6833	CLAMP,0.50,#8 X 1/4,RUB CUSH....	1
5	60649	SHROUD,FAN (FIBERGLASS).....	1	35	102034P	BRACKET,MUFFLER,SUPT,CUMMINS.	1
6	6091	NUT,NYLOCK,1/4-20		36	12981	SCREW,HHC,3/8-16 X 4.5	
7	6638	WASHER,FLAT,USS,1/4"Y		37	75046-S	CLAMP,AIR INTAKE TUBE.....	1
8	6090	SCREW,HHC,1/4-20 X .75					
9	75052	SCREW,SER/FLNG 10M-1.5X20MM BK					
10	111397	RADIATOR STRUT ASSEMBLY,RIGHT.....	1				
		<i>USA/Canada/Australia</i>					
--	122026P	RADIATOR STRUT,RIGHT <i>Europe/Asia/South America</i>					
11	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5					
12	6097	WASHER,FLAT,USS,3/8",Y					
13	4828	NUT,NYLOCK,3/8-16					
14	50974	BUMPER,RUBBER,COVERS.....	1				
15	60729P	FORMING,COVER STOP.....	1				
16	102032P	FORMING,COVER,BELT GUARD,PAINT.....	1				
17	8516	SCREW,HHC,3/8-16 X 1.50,GR5					
18	5397	WASHER,FLAT,USS,5/16",Y					
19	102031	RADIATOR HOSE,LOWER-CUMMINS.....	1				
20	102042	WELDMENT,ENGINE MOUNT,LF,FRONT.....	2				
21		Ref. Engine Tray (refer to 408.2)					
22	61242P	BRACKET,AIR CLEANER CUMMINS.....	1				
23	44064	SCREW,HHC,M10 X 30MM,					
24	22699	WASHER,FLAT,M10,ZINC PLTD.					
25	81468	MOUNTING BAND,AIR CLEANER.....	1				
26	81467	AIR CLEANER,NELSON.....	1				
--	62425	FILTER,AIR CLEANER, SUPERBOOM					
27		Ref. Drive Pump (refer to 711.1)					
28		Ref. Function Pump (refer to 711.1)					
29	10597	SCREW,HHC,1/2-13 X 1.25 GR5					
30	13066	WASHER,FLAT,.5 HARDENED					

406.2 Cummins B3.3T Engine - View 2 (from SN 2548)



406.2 Cummins B3.3T Engine - View 2 (from SN 2548)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	8255	SCREW,HHC,3/8-16 X .75		30	122602	TUBE,AIR INTAKE 1,CUM.B3.3T.....1	
2	6021	WASHER,LOCK, .375		31	22697	SCREW,HHC,M10 X 65MM,GR8.8	
3	5397	WASHER,FLAT,USS,5/16",Y		32	22699	WASHER,FLAT,M10,ZINC PLTD.	
4	122411	RADIATOR STRUT,LEFT.....1		33	54177	SCREW,HHC,1/2-13 X 1.5 GRD 8	
5	6888	SCREW,HHC,1/4-20 X 1		34	13066	WASHER,FLAT,.5 HARDENED	
6	6638	WASHER,FLAT,USS,1/4"Y		35	60596	HOSE INLET.....1	
7	70257	CLAMP,3.0,#48 X 1/4,RUB CUSH		36	35675	BEARING,FL,1.25IDX1.5ODX1.25L	
8	122413	BRACKET,INTAKE TUBE SUPPORT.....1		37	61110	SCREW,SHC,M10X1.5X30 GR 12.9	
9	56912	SPRING CLIP,1/4-20,.025-.15X.5		38	139798	STARTER, 12V, CUMMINS B3.3T	
10	122434	HOSE,CAC,2.5"ID X 4.0".....1		39	122433	ELBOW,45 DEG, CAC,2.5".....1	
11	122427	TUBE,CAC 1 CUM.B3.3T.....1		40	122423	BRACKET,INTAKE MOUNT,CUM.....1	
12	122591	CLAMP,CONST TRQ 2.25"-3.13"OD		41	122414	U-BOLT,GUILLOTINE,3"	
13	122408	HOSE,LOWER RADIATOR,CUMMINS.....1		42	7713	NUT,LP NYLOCK,3/8-16	
14	122425	TUBE,AIR INTAKE,UPPER.....1		43	6097	WASHER,FLAT,USS,3/8",Y	
15	122435	REDUCER,90 DEG,CAC, 3.0"-2.5".....1		44	122428	MOUNT,1"FLEX-BOLT SANDWICH.....1	
16	122592	CLAMP,CONST TRQ 2.75"-3.63"OD		45	4828	NUT,NYLOCK,3/8-16	
17	122407	HOSE,UPPER RADIATOR,CUMMINS.....1		46	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5	
18	70381	COVER,FLYWHEEL CASTING.....1		47		FORMING,AIR CLEANER.....1 <i>shown component no longer available, must install kit 146307 for first time replacement</i>	
18A	122472	COUPLER,15 TOOTH,FBA,CUM B3.3T.....1		--	146307	SERVICE KIT, THROTTLE, B3.3T <i>Includes parts 146352 and 146306</i>	
19	122604	TUBE, EXHAUST CUMMINS B3.3T.....1		48	27034	SCREW,HHC,M10 X 25MM,GR 8.8	
20	122615	TUBE,EXHAUST CUMMINS T3.....1		49		FORMING,SOLENOID MOUNT.....1 <i>shown component no longer available, must install kit 146307 for first time replacement</i>	
21	122605	WLDT, MUFFLER BRKT, CUMMINS T3.....1		--	146352	WLDT, AIR CLEANER/SOLENOID MNT <i>Can be ordered sparely if kit 146307 was previously installed</i>	
22	122470	CLAMP,MUFFLER,CUM B3.3T		50	101957	SOLENOID,THROTTLE,ASSY.TROMB..1	
23	60561	ELBOW,INLET,CUMMINS.....1		51		CABLE ASSY,THROTTLE,CUM B3.3T.....1 <i>shown component no longer available, must install kit 146307 for first time replacement</i>	
24	122614	TUBE,INTAKE,CUMMINS T3.....1		--	146306	THROTTLE LINK, STEEL <i>Can be ordered sparely if kit 146307 was previously installed</i>	
25	122613	TUBE,INTAKE,CUMMINS T3.....1		52	6090	SCREW,HHC,1/4-20 X .75	
26	122432	REDUCER,RUBBER,4.0 X 3.0.....1		53	6091	NUT,NYLOCK,1/4-20	
27	122466	AIR CLEANER,CUMMINS B3.3T.....1					
--	146044	AIR FILTER, PRIMARY ELEMENT.....1					
--	146045	AIR FILTER, SECONDARY ELEMENT.....1					
28	122467	AIR CLEANER,CLAMP,CUM B3.3T.....1					
29	122603	REDUCER,45 DEG, 3.75"-3.00".....1					

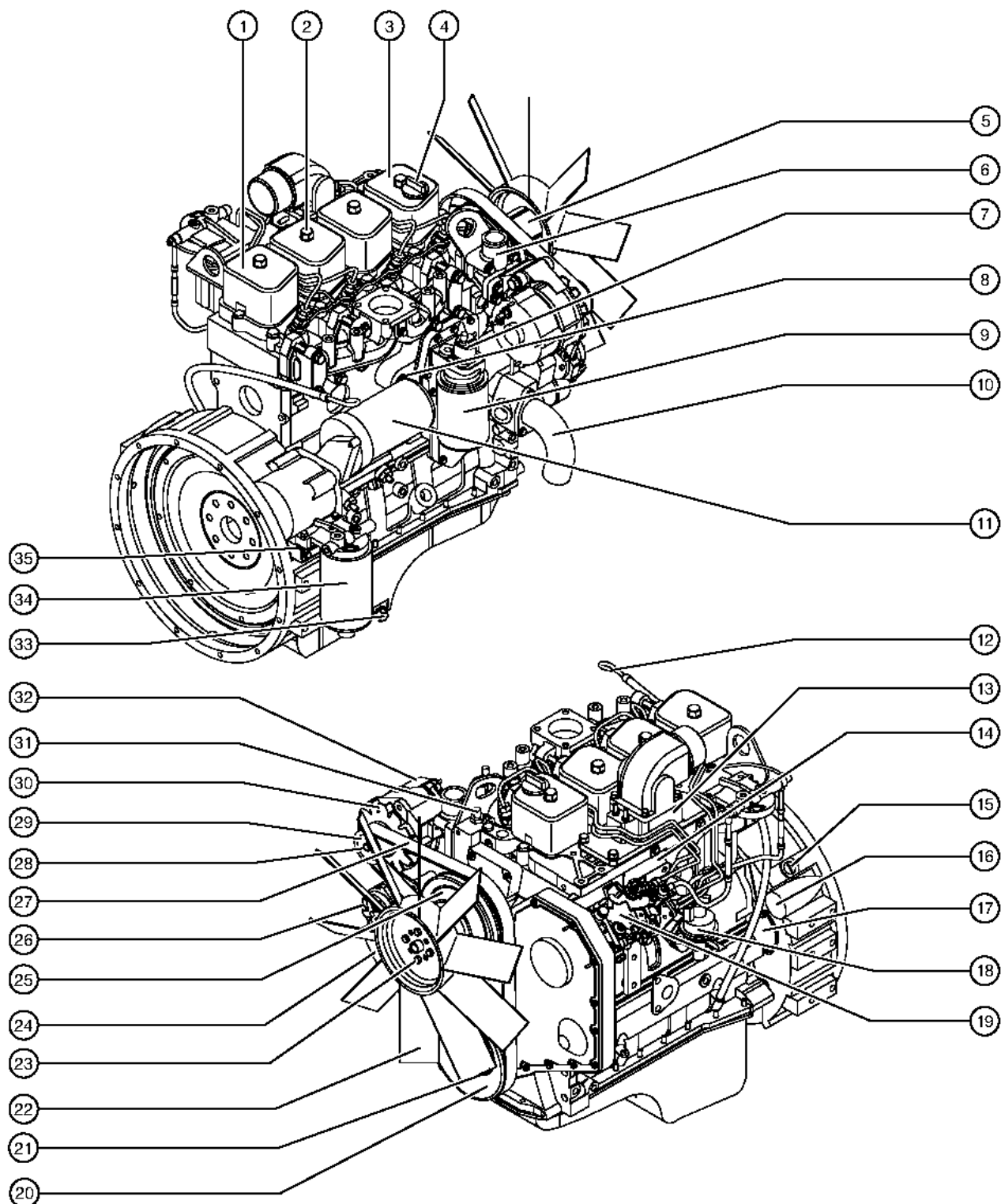
406.2 Cummins B3.3T Engine - View 2 (from SN 2548)
(continued)

Item	Part No.	Description	Qty.
54	70444	MUFFLER,2.5"INLET/OUTLET.....1	

406.2 Cummins B3.3T Engine - View 2 (from SN 2548)
(continued)

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407.1 Cummins B4.5 C80 Engine - View 3 (from SN 936 to 2547)



407.1 Cummins B4.5 C80 Engine - View 3 (from SN 936 to 2547)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	102289	STRAINER,FUEL CUMMINS B4.5		15	102296	PLUG,THREADED CUMMINS B4.5.....	1
--	102577	THERMOSTAT,W/GSKT CUMINS B4.5 <i>includes gasket</i>		16	102297	PLUG,O-RING CUMMINS B4.5.....	1
--	102578	VALVE, PRESS REGU CUMINS B4.5		--	102298	SEAL, O-RING CUMMINS B4.5	
--	75150	GASKET,EXH.MNFLD.CUMMINS,B3.9L		17	102294	PLATE, COVER CUMMINS B4.5.....	1
--	102652	VALVE,FUEL SHUTOFF,CUMMIN B4.5		18	102299	PUMP, FUEL TRNSFR CUMMINS B4.5.....	1
1	75164	VALVE COVER,CUMMINS, B3.9.....	3	--	102300	GASKET, FUEL PUMP CUMMINS B4.5	
--	75168	GASKET,VALVE CVR.CUMMINS, B3.9		19	215624	PUMP,FUEL INJ.CUMM B4.5,REMAN.....	1
2	75165	SCREW,HHC,M8X1.25X 21MM,GR8.8		--	102653	INJECTOR,FUEL,CUMMINS, B4.5	
--	102286	ISOLATOR-NOISE,CUMMINS B4.5		--	102654	SEAL,FUEL INJEC CUMMINS B4.5	
3	75172	VALVE COVER,CUMMINS, B3.9.....	1	20	75176	PULLEY,CRANKSHAFT,CUMMINS B3.9.....	1
--	75168	GASKET,VALVE CVR.CUMMINS, B3.9		21	75175	SCREW,HHC,M12X 1.25X36MM,GR8.8	
4	75169	CAP,OIL FILLER,VALV.CVR.CUMMIN.....	1	22	75171	FAN,PULLER,CUMMINS,4B3.9,60213.1	
--	102280	O-RING,FILLER CAP CUMINS, B4.5		23	102579	SCREW,HHC,M10X1.5X100MM,GR8.8	
5	102281	SPACER,FAN,CUMMINS, B4.5.....	2	24	102302	PUMP, WATER,CUMMINS B4.5.....	1
6	102282	THERMOSTAT HOUSING,CUMINS,B4.5.....	1	--	75179	O-RING,WATER PUMP,CUMMINS B3.9	
--	75163	GASKET,THERMOSTAT,CUMMINS,B3.9		25	102574	PULLEY,CRANKSHAFT,CUMMINS B4.5.....	1
7	75153	SENSOR,OIL PRESS,VDO360-004***.....	1	26	102303	BELT TENSIONER CUMMINS B4.5.....	1
8	102285	PLUG,PIPE 3/4 NPT CUMMINS B4.5.....	1	27	102203	BELT,SERPENTINE, CUMMINS B4.5.....	1
9	102288	FILTER,OIL,CUMMINS B4.5***.....	1	28	102295	RETAINER, ALTERNATOR PULLEY.....	1
10	102283	WATER INLET CONNEC CUMINS B4.5.....	1	29	102576	PULLEY,ALTERNATOR.....	1
--	102284	SEAL,WATER INLET CUMMINS B4.5		30	102573	FAN,ALTERNATOR,CUMMINS B4.5.....	1
11	89837	STARTER,12V,CUMMINS, B3.9/B4.5.....	1	31	102058	SENSOR,COOLANT TEMP.....	1
12	102301	DIPSTICK,CUMMINS, B4.5.....	1	32	102572	ALTERNATOR,CUMMINS B4.5.....	1
13	102290	HEATER,INTAKE AIR CUMINS B4.5.....	1	--	111119	ALTERNATOR,CUMMINS B4.5 <i>from SN 1261</i>	
--	102291	GASKET,HTR INTAKE CUMMINS B4.5		33	75180	PLUG,ENGINE OIL, CUMMINS B3.9.....	1
14	102292	COVER, PUSH ROD CUMMINS B4.5.....	1	--	75181	WASHER,OIL DRAIN, CUMMINS B3.9	
--	102293	GASKET,PUSH RD CVR CUMINS B4.5		--	75182	PLUG,ENGINE OIL, CUMMINS B3.9	

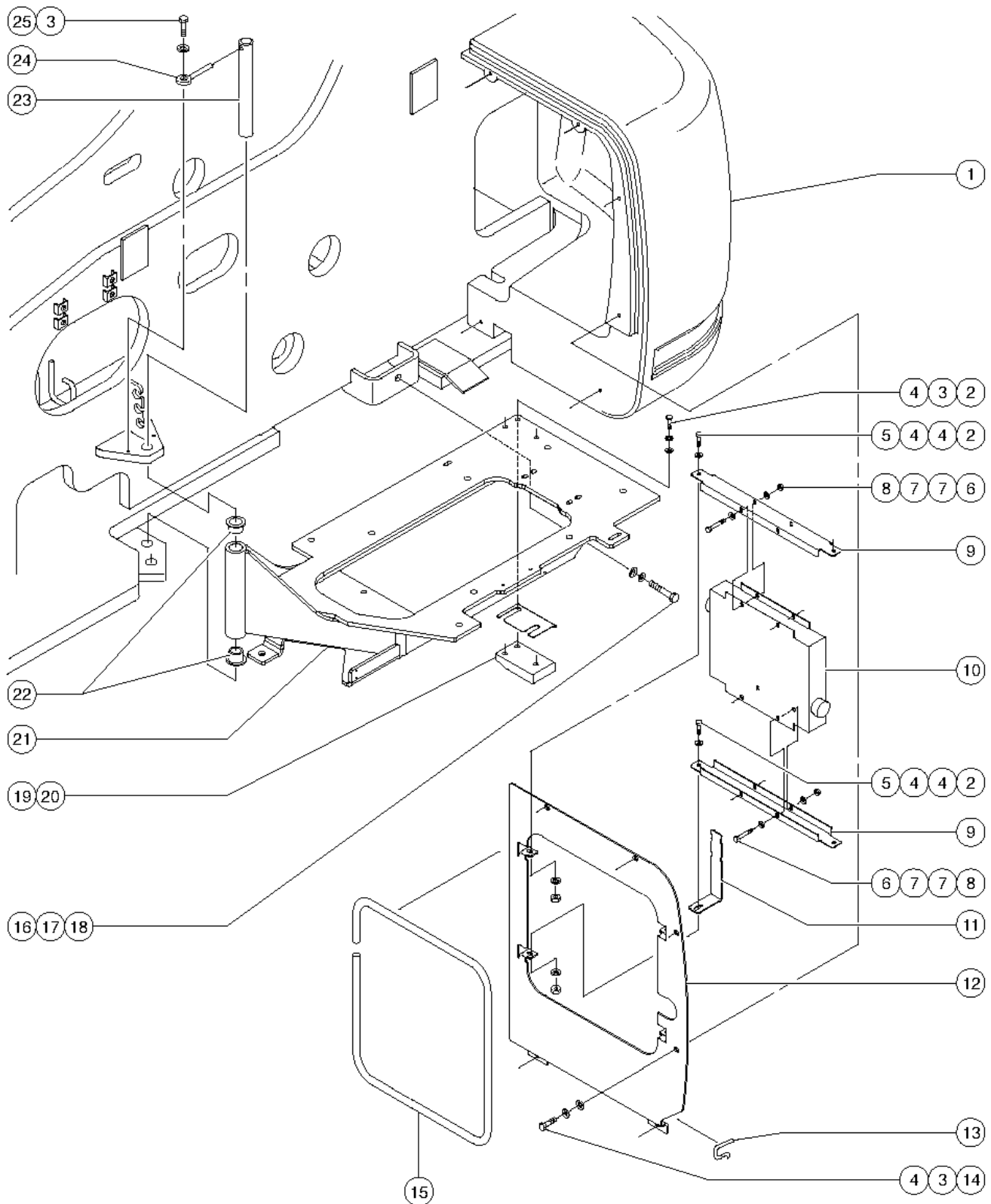
407.1 Cummins B4.5 C80 Engine - View 3 (from SN 936 to 2547)
(continued)

Item	Part No.	Description	Qty.
--	75183	WASHER,OIL DRAIN, CUMMINS B3.9	
34	102287	SEPARATOR-FUEL/WTR CUMIN B4.5.....1	1
35	102101P	FORMING,FUEL FILTER MOUNT,PNTD.....1	1
--	102291	GASKET,HTR INTAKE CUMMINS B4.5	

407.1 Cummins B4.5 C80 Engine - View 3 (from SN 936 to 2547)
(continued)

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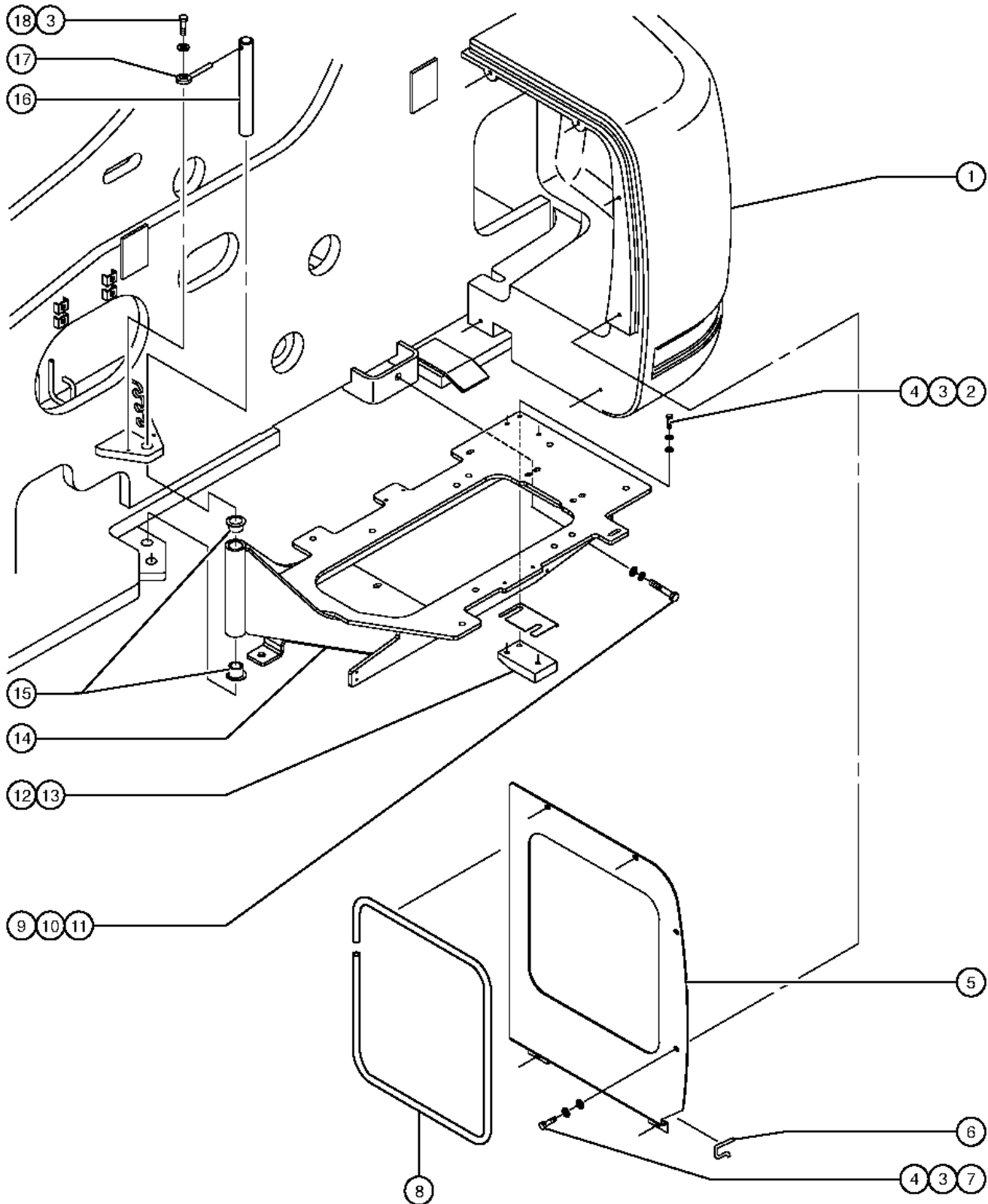
408.1 Cummins Engine Attached Components (to SN 476)



408.1 Cummins Engine Attached Components (to SN 476)

Item	Part No.	Description	Qty.
1	111185	COUNTERWEIGHT,S120/125, 8300LB.....	1
--	38859	WASHER,FLAT,USS,1",Y	
--	61282	SCREW,HHC,1-8 X 9.5,GD2,YEL	
2	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5	
3	6021	WASHER,LOCK, .375	
4	5397	WASHER,FLAT,USS,5/16",Y	
5	4828	NUT,NYLOCK,3/8-16	
6	6091	NUT,NYLOCK,1/4-20	
7	6638	WASHER,FLAT,USS,1/4"Y	
8	42571	SCREW,HHC,1/4-20 X 3.25	
9	60687-S	FORMING,COOLER SUPPORT.....	2
10	60597	OIL COOLER,W/O FAN.....	1
11	60820-S	BRACKET,OIL COOLER BYPASS.....	1
12	60560-S	BULKHEAD,SWING CHASSIS.....	1
13	60875	TRIM MOLDING	
14	6175	SCREW,HHC,3/8-16 X 1	
15	81476	TRIMLOCK, 1/16.....	96-inches
16	51131	SCREW,HHC,5/8-11 X 2.5	
17	6036	WASHER,LOCK, .625 PLTD	
18	6035	WASHER,FLAT,USS,5/8",Y	
19	60637	WEAR PAD,ENGINE SUPPORT.....	1
20	60826	SHIM,WEAR PAD ENGINE TRAY	
21	75124-S	ENGINE TRAY PIVOT ASSEMBLY <i>includes item 22</i>	1
22	35675	BEARING,FL,1.25IDX1.5ODX1.25L.2	
23	60625	PIN,1.25DIAX15.63LG,CHAMFER...1	
24	45226	ROD END, .375 X 3.69.....	1
25	8516	SCREW,HHC,3/8-16 X 1.50,GR5	

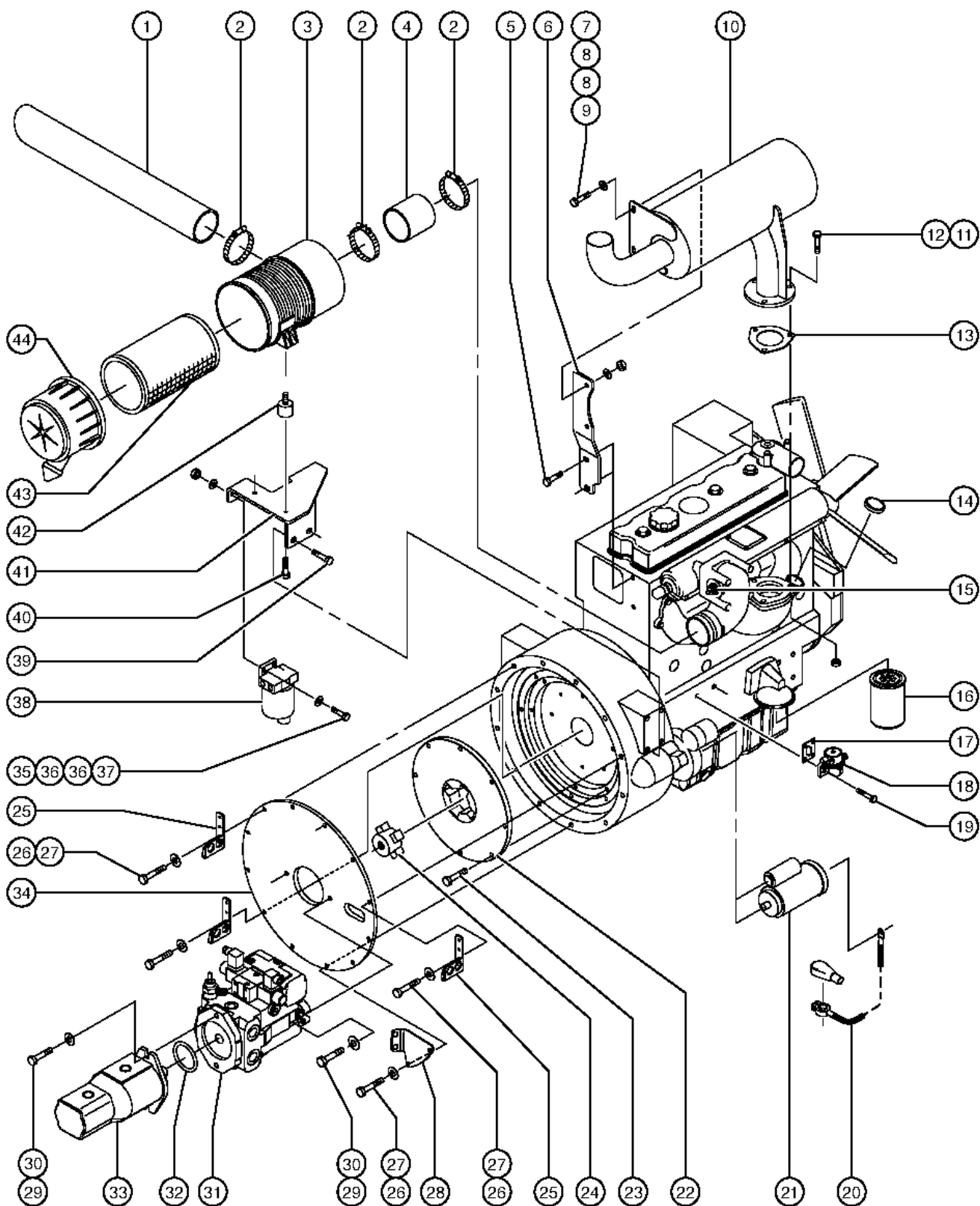
408.2 Cummins Engine Attached Components (from SN 477)



408.2 Cummins Engine Attached Components (from SN 477)

Item	Part No.	Description	Qty.
--		Ref. Hydraulic Oil Cooler With Fan (refer to 307.1) <i>from SN 248</i>	
1	60501	COUNTERWEIGHT,S120/125,8000LBS.1 <i>from SN 477 to SN 1373</i>	
--	111185	COUNTERWEIGHT,S120/125, 8300LB <i>from SN 1374</i>	
--	38859	WASHER,FLAT,USS,1",Y	
--	61282	SCREW,HHC,1-8 X 9.5,GD2,YEL	
2	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5	
3	6021	WASHER,LOCK,.375	
4	5397	WASHER,FLAT,USS,5/16",Y	
5	75607P	INTAKE BAFFLE,PAINTED.....1	
6	60875	TRIM MOLDING	
7	6175	SCREW,HHC,3/8-16 X 1	
8	81476	TRIMLOCK, 1/16.....96-inches	
9	51131	SCREW,HHC,5/8-11 X 2.5	
10	6036	WASHER,LOCK,.625 PLTD	
11	6035	WASHER,FLAT,USS,5/8",Y	
12	60637	WEAR PAD,ENGINE SUPPORT.....1	
13	60826	SHIM,WEAR PAD ENGINE TRAY	
14	75460	ENGINE TRAY PIVOT ASSEMBLY1 <i>includes item 15; from SN 477 to SN 772</i>	
--	146054	ENGINE TRAY ASSEMBLY <i>from SN 2548</i>	
--	89511-S	ENGINE TRAY ASSEMBLY <i>includes item 15; from SN 773 to SN 2547</i>	
15	35675	BEARING,FL,1.25IDX1.5ODX1.25L.2	
16	60625	PIN,1.25DIAX15.63LG,CHAMFER...1	
17	45226	ROD END,.375 X 3.69.....1	
18	8516	SCREW,HHC,3/8-16 X 1.50,GR5	

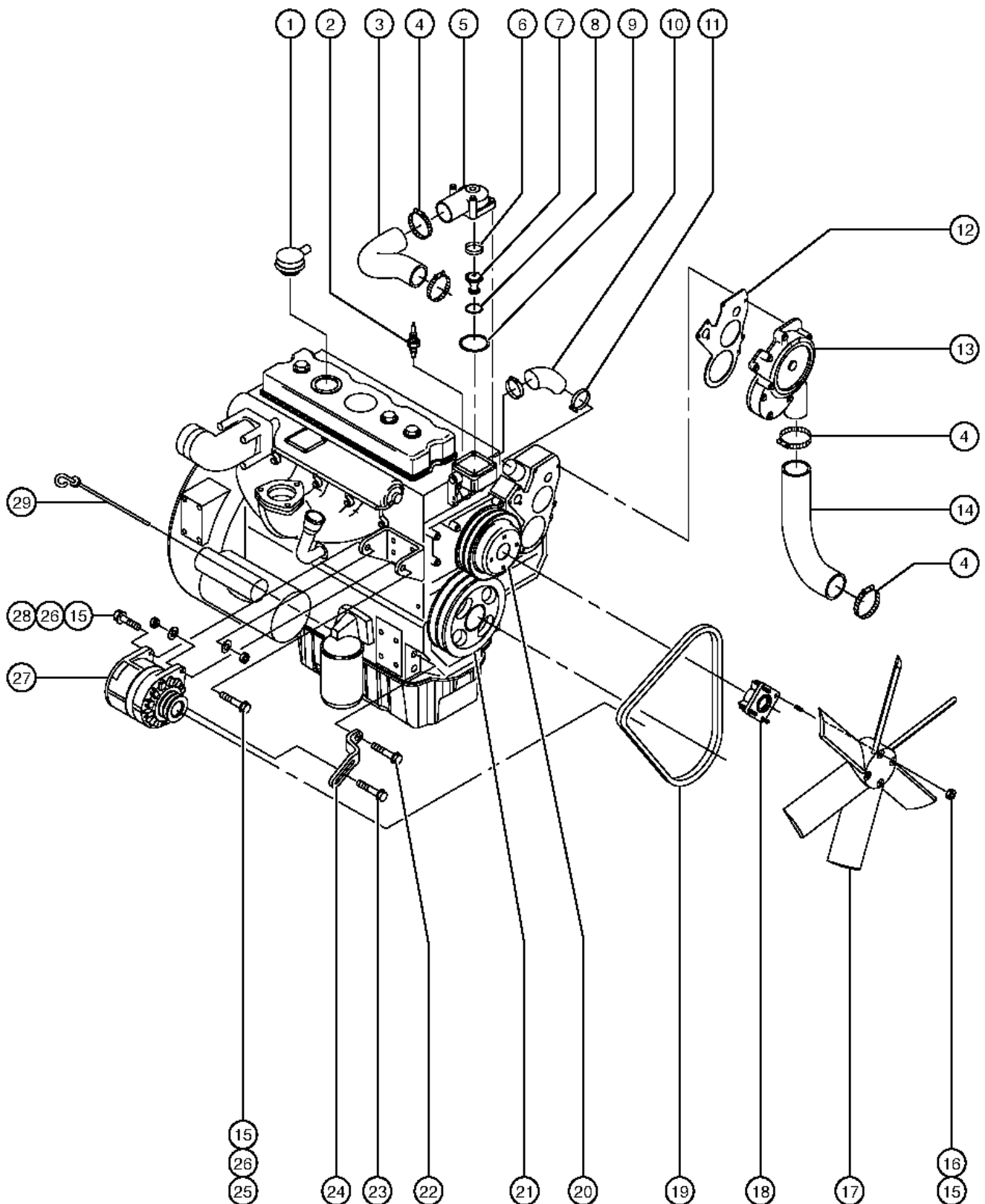
409.1 Perkins 1004-42 Engine - View 1 (to SN 932)



409.1 Perkins 1004-42 Engine - View 1 (to SN 932)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	62429	MANUAL,PERKINS1004-42,WORKSHOP		21	75311	STARTER,PERKINS 1004-42.....1	
--	61355	HARNESS,PERKINS ENGINE to SN 148		22	61078	FLYWHEEL DRIVE PLATE,SAE 10.....1	
--	75085	HARNESS, SOLENOID from SN 149 to SN 792		23	42175	SCREW,HHC,3/8-24 X 1.25"	
--	75588	HARNESS,PERKINS ENGINE,SUPBOOM from SN 793		24	61077	COUPLER,HUB,14 TOOTH.....1	
--	88151	FUSE,70 AMP		25	75100	BRACKET, CABLE MOUNT.....3	
--	23082	FUSE,15 AMP,TIME DELAY		--	60584	GROMMET,RUBBER .75 X .19 X 1**	
--	45782	DIODE,6 AMP,200 PIV,BULK		26	44064	SCREW,HHC,M10 X 30MM,	
1	60882	HOSE,AIR CLEANER INTAKE.....1		27	22699	WASHER,FLAT,M10,ZINC PLTD.	
2	30971	CLAMP,HOSE,3.00".....3		28	60883	FORMING,TEST PORT MOUNT.....1	
3	60328	AIR CLEANER,PLASTIC.....1 includes items 43 and 44		29	10597	SCREW,HHC,1/2-13 X 1.25 GR5	
--	75450	AIR CLEANER CLIPS, SUPERBOOM		30	13066	WASHER,FLAT,.5 HARDENED	
4	60596	HOSE INLET.....1		31		Ref. Drive Pump (refer to 711.1)	
5	75303	SCREW,PERKINS 1004-42		32	62407	O-RING,PISTON PUMP TO GEARPUMP.....1	
6	60566-S	BRACKET,MUFFLER,PERKINS.....1		33		Ref. Function Pump (refer to 711.1)	
7	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5		34	60322-S	PLATE,PUMP MOUNT.....1	
8	5397	WASHER,FLAT,USS,5/16",Y		35	8915	SCREW,HHC,1/4-20 X 1.25	
9	4828	NUT,NYLOCK,3/8-16		36	6638	WASHER,FLAT,USS,1/4"Y	
10	60549	MUFFLER,PERKINS 1004-42.....1		37	6091	NUT,NYLOCK,1/4-20	
--	101634	MUFFLER,CATALYTIC,2.5 I/O		38	75020	SEPRTR/FLTR,FUEL DSL,15GPH,.30.....1	
--	101637	OPTION,SCRUB/SPARK ARREST***		--	31817	ELBOW,90DEG.1/4MPT-3/8 BARB	
11	75304	SCREW,PERKINS 1004-42		--	60807	FITTING,1/4 NPT 3/8 BARB	
12	75305	NUT,PERKINS 1004-42		--	62433	FILTER,ELEMENT,30 MIC,75020	
13	75306	GASKET,MUFFLER,PERKINS 1004-42.....1		39	49381	SCREW,HHC,M12 X 30	
14	75307	CA,OIL FILLER,PERKINS 1004-42.....1		40	49378	SCREW,HHC,M8 X 16	
15	75341	HEATER,START AID,PERKIN1004-42.....1		41	60632-S	WELD.AIR CLEANER MNT PERKINS.....1	
16	62427	FILTER,OIL,PERKINS 1004-42(SB).....1		42	60585	ISOLATOR,VIBRATION,M8 MALE/FEM.....2	
17	75308	GASKET,FUEL PUMP,PERKIN1004-42.....1		43	62425	FILTER,AIR CLEANER, SUPERBOOM.....1	
18	75309	PUMP,FUEL LIFT,PERKINS1004-42.....1 includes item 17		44	75451	AIR CLEANER COVER, SUPERBOOM.....1	
--	61152	ELBOW,45DEG,TO MALE PIPE					
19	75310	SCREW,PERKINS 1004-42					
20	60930	CABLE,BATTERY POSITIVE.....1					

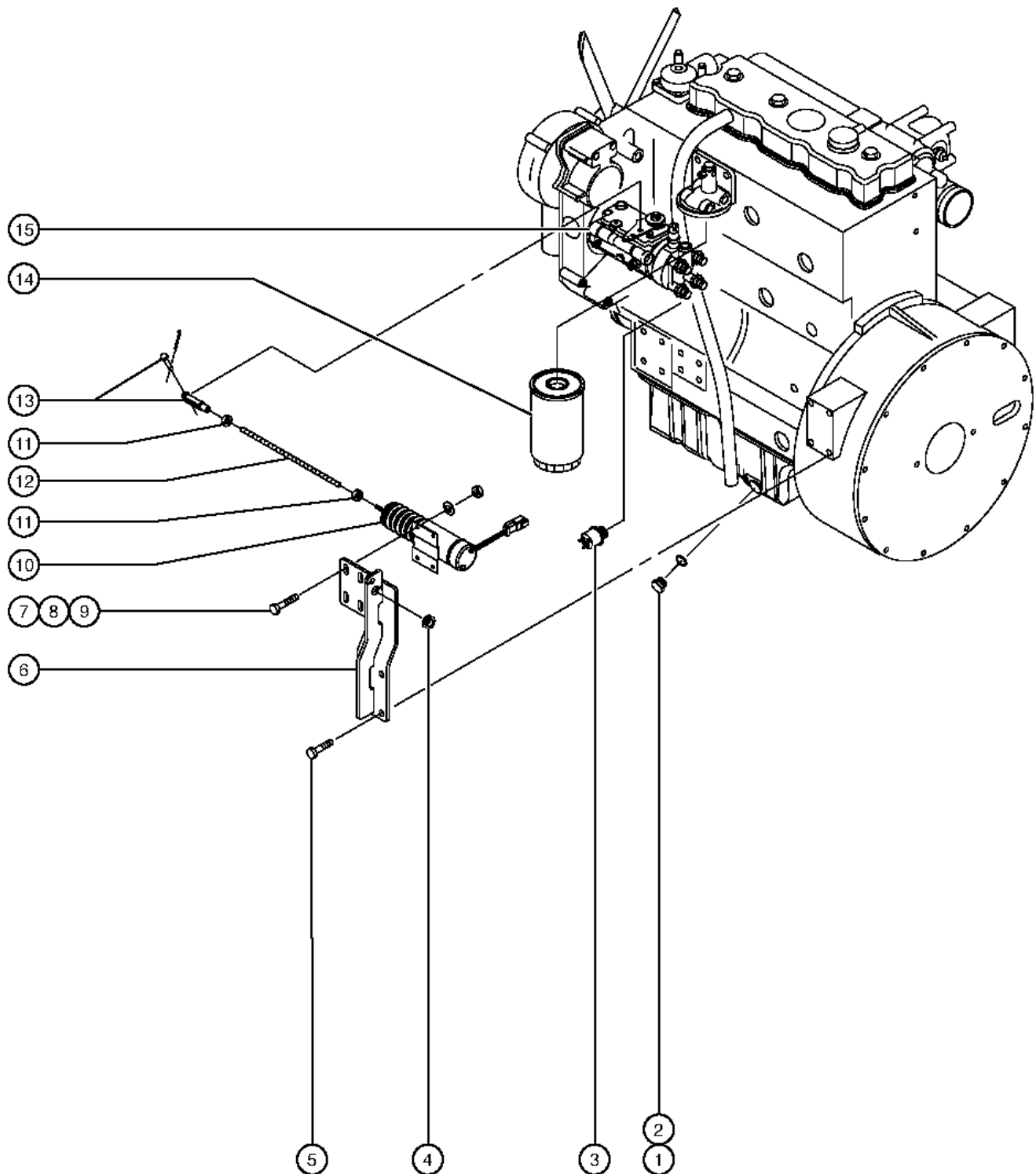
410.1 Perkins 1004-42 Engine - View 2 (to SN 932)



410.1 Perkins 1004-42 Engine - View 2 (to SN 932)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	75312	BREATHER CAP,PERKINS 1004-42.....	1	22	75333	SCREW,ALT.LEVER.PERKINS1004-42	
2	75314	SENSOR,COOLANT TEMP,PERKINS***.....	1	23	75334	SCREW,ALT.MNT.PERKINS 1004-42	
3	60576	RADIATOR HOSE,UPPER-PERKINS.....	1	24	75335	ALTERNATOR,STAY,PERKIN 1004-42.....	1
4	30971	CLAMP,HOSE,3.00".....	4	25	75336	SCREW,ALTERNATR.PERKINS1004-42	
5	75315	THERMOSTAT HSING ASSY,PERKINS..... <i>includes items 6-9</i>	1	26	75337	WASHER,ALTNATR.PERKINS 1004-42	
--	75320	SCREW,THERMSTAT,PERKIN1004-42		27	75338	ALTERNATOR,55A,PERKINS 1004-42.....	1
--	75321	SCREW,THERMSTAT.PERKINS1004-42		28	75339	SCREW,ALT.MNT.PERKINS 1004-42	
6	75316	THERMOSTAT,RETAING.RING,PERKIN.1		29	75340	DIPSTICK,PERKINS 1004-42.....	1
7	75317	THERMOSTAT,PERKINS 1004-42.....	1				
8	75318	O-RING,THERMOSTAT,PERKIN,1004-1					
9	75319	O-RING,THERMOSTAT HSING.PERKIN.....	1				
10	75322	HOSE ASSY,H2O PUMP,PERKINS1004..... <i>includes item 11</i>	1				
11	75323	CLAMP,HOSE,1IN.,PERKIN 1004-42.....	2				
12	75324	GASKET,H2O PUMP,PERKIN 1004-42.....	1				
13	75325	PUMP, WATER,PERKINS 1004-42..... <i>includes item 12</i>	1				
14	60577	RADIATOR HOSE,LOWER-PERKINS..... <i>to SN 476</i>	1				
--	75555	RADIATOR HOSE,LOWER-PERKINS <i>from SN 477</i>					
15	75326	NUT,FAN BLADE,PERKINS 1004-42					
16	75327	STUD,FAN SPACR,PERKINS 1004-42					
17	75328	FAN,PULLER,PERKINS,1004-42.....	1				
18	75329	SPACER,FAN,PERKINS, 1004-42...	1				
19	62428	BELT,V, PERKINS 1004-42 (SB)..... <i>part sold in pairs</i>	1				
20	75330	PULLEY,FAN,PERKINS 1004-42.....	1				
21	75331	PULLEY,CRANKSHAFT,PERKINS 1004.....	1				
--	75332	SCREW,CRANKSHFT,PERKIN 1004-42					

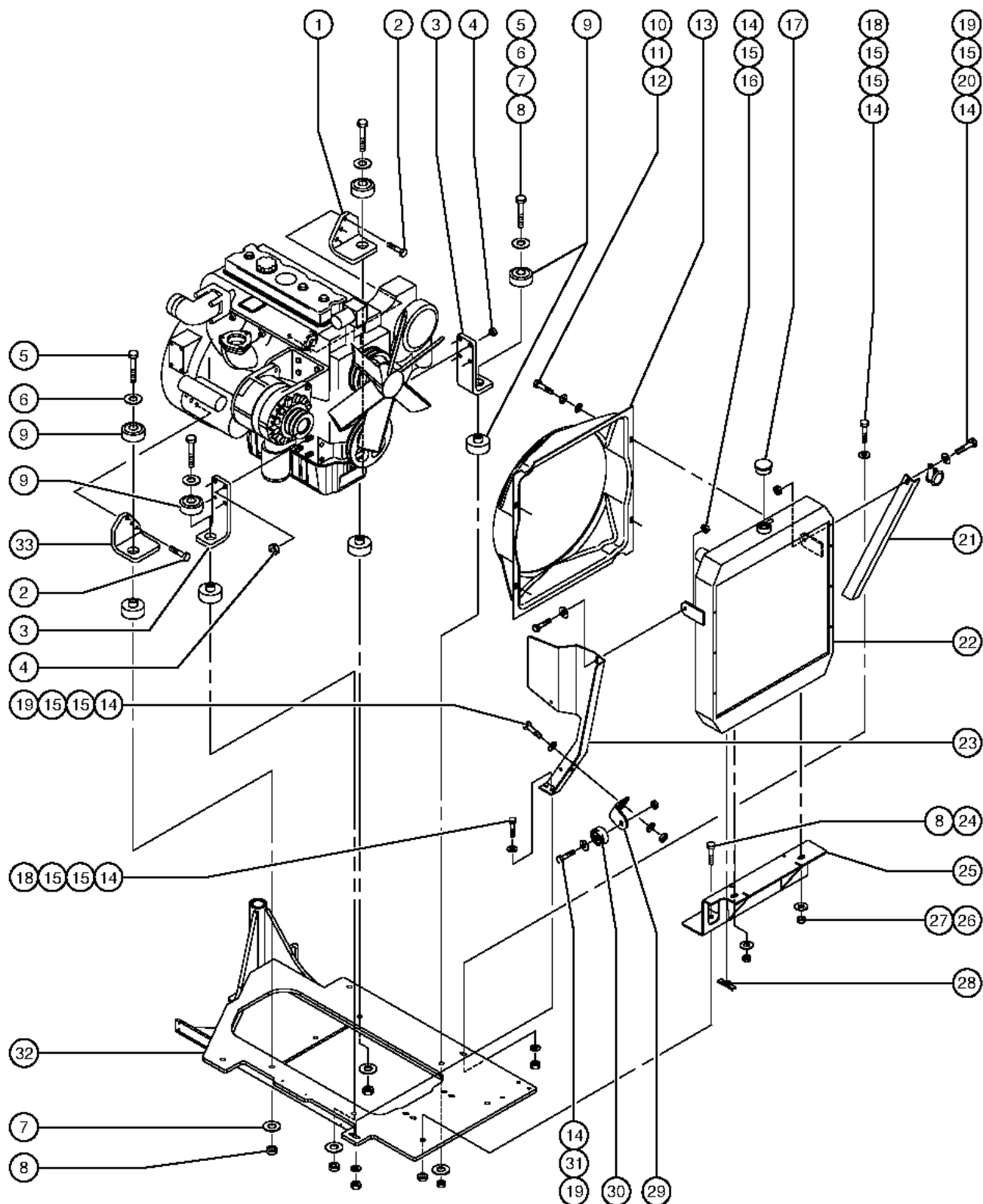
411.1 Perkins 1004-42 Engine - View 3 (to SN 932)



411.1 Perkins 1004-42 Engine - View 3 (to SN 932)

Item	Part No.	Description	Qty.
1	75342	PLUG,ENGINE OIL,PERKIN 1004-42.....	2
2	75343	WASHER,OIL DRAIN,PERKIN1004-42.....	2
3	75344	SENSOR,OIL PRESSUR,PERKIN,1004.....	1
4	60889	GROMMET,RUBBER .44 X .25 X .69.....	1
5	49381	SCREW,HHC,M12 X 30	
6	60651-S	WELD,FUEL/WATER SEPERATOR MNT.....	1
7	6090	SCREW,HHC,1/4-20 X .75	
8	6638	WASHER,FLAT,USS,1/4"Y	
9	6091	NUT,NYLOCK,1/4-20	
10	89998	KIT,SERVICE,SOLENOID MODULE.....	1
--	58165	SOLENOID UPDATE KIT	
--	75085	HARNESS, SOLENOID	
11	21496	NUT,HEX,1/4-28	
12	30785-1000	THREADED ROD,1/4-28 X 10 IN***.....	1
13	21130	CLEVIS YOKE-1/4-28,PLTD W/PIN.....	1
14	62426	FILTER,FUEL,PERKINS 1004-42(SB.....	1
--	61065	HOSE END,90DEG,.19 HS X.13 MPT	
--	61150	ADAPTER,3/16" TUBE X 1/8" FNPT	
15	75345	PUMP,FUEL INJECTION,PERKIN1004.....	1
--	75346	VALVE,FUEL SHUTOFF,PERKIN,1004	
--	75347	O-RING,INJ.PUMP,PERKIN,1004-42	

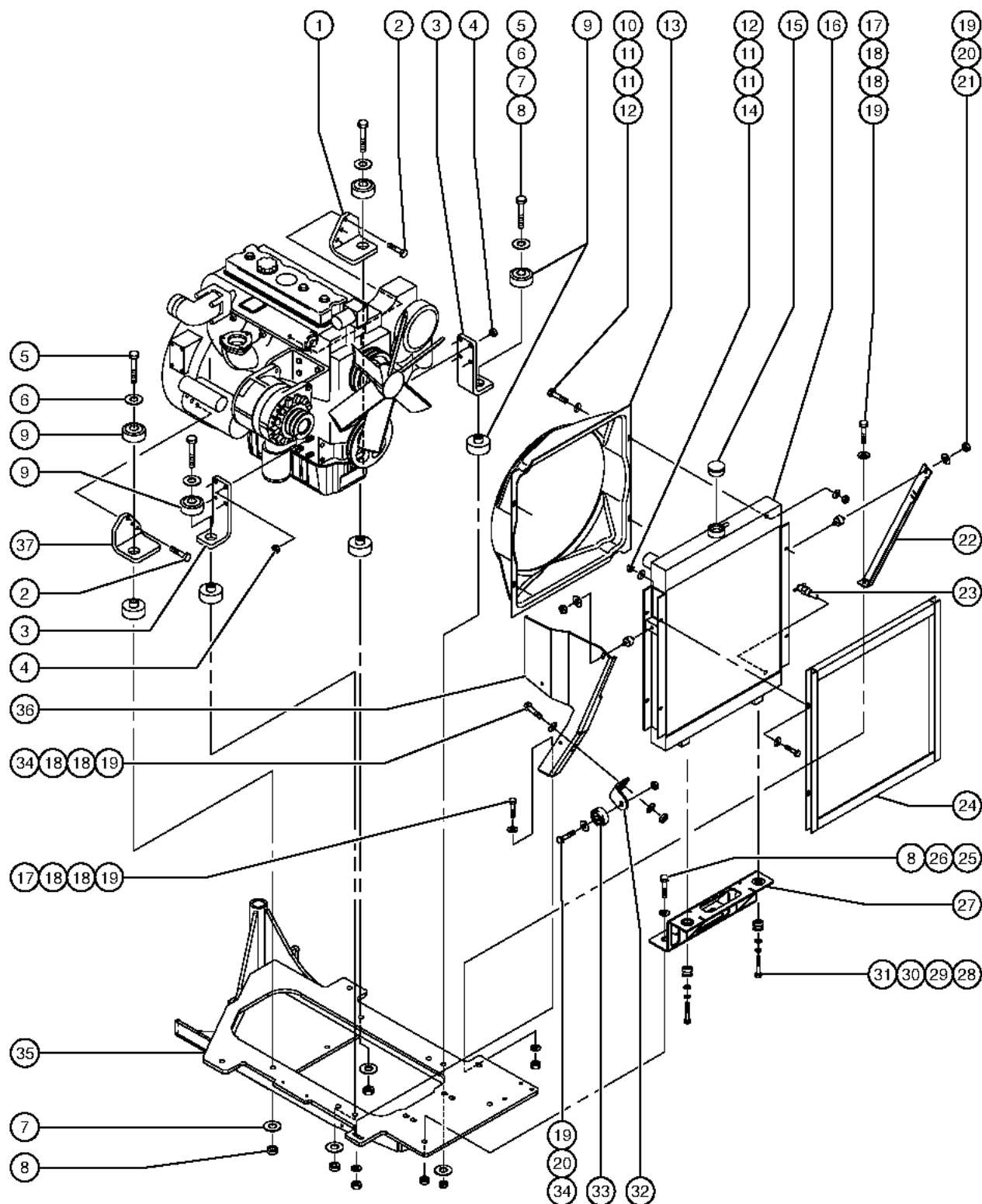
412.1 Perkins 1004-42 Engine - View 4 (to SN 284)



412.1 Perkins 1004-42 Engine - View 4 (to SN 284)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	60553-S	BRACKET,ENG.MOUNT,LF,PERKINS.1		33	60554-S	BRACKET,ENG.MOUNT,RT,PERKINS.1	
2	49381	SCREW,HHC,M12 X 30					
3	60564P	BRACKET,ENG.MOUNT,FRT.PERKINS.2					
4	75353	NUT,ENGINE MNT.PERKINS 1004-42					
5	59746	SCREW,HHC,5/8-11 X 4.0					
6	33418	WASHER,FLAT,.625 X 2.25 X.15					
7	6035	WASHER,FLAT,USS,5/8",Y					
8	6024	NUT,NYLOCK,5/8-11					
9	102045	ISOLATOR,ENGINE VIBRATION.....4					
10	7339	SCREW,HHC,1/4-20 X .5					
11	6356	WASHER,LOCK,.25					
12	6638	WASHER,FLAT,USS,1/4"Y					
13	60649	SHROUD,FAN (FIBERGLASS).....1					
14	4828	NUT,NYLOCK,3/8-16					
15	5397	WASHER,FLAT,USS,5/16",Y					
16	6175	SCREW,HHC,3/8-16 X 1					
17	75138	CAP,RADIATOR,10 PSI, COPAR.....1					
18	8516	SCREW,HHC,3/8-16 X 1.50,GR5					
19	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5					
20	60838	CLAMP,1.00,#16 X 7/16,RUB CUSH.....1					
21	60592-S	RADIATOR STRUT,LEFT (INBOARD).....1					
22	75547	RADIATOR.....1 <i>includes items 17 and 28</i>					
23	111400	RADIATOR STRUT ASSEMBLY, RIGHT.....1 <i>USA/Canada/Australia</i>					
--	60593-S	RADIATOR STRUT,RIGHT(OUTBORD) <i>Europe/Asia/South America</i>					
24	29883	SCREW,HHC,5/8-11 X 1.75 GRD.8.....2					
25	60640-S	WELDMENT,RADIATOR MOUNT....1					
26	6198	NUT,NYLOCK,1/2-13					
27	11209	WASHER,FLAT,USS,7/16",Y					
28	75139	VALVE,RADIATOR DRAIN, COPAR.....1					
29	60729-S	FORMING,COVER STOP.....1					
30	50974	BUMPER,RUBBER,COVERS.....1					
31	6097	WASHER,FLAT,USS,3/8",Y					
32		Ref. Engine Tray (refer to 416.1)					

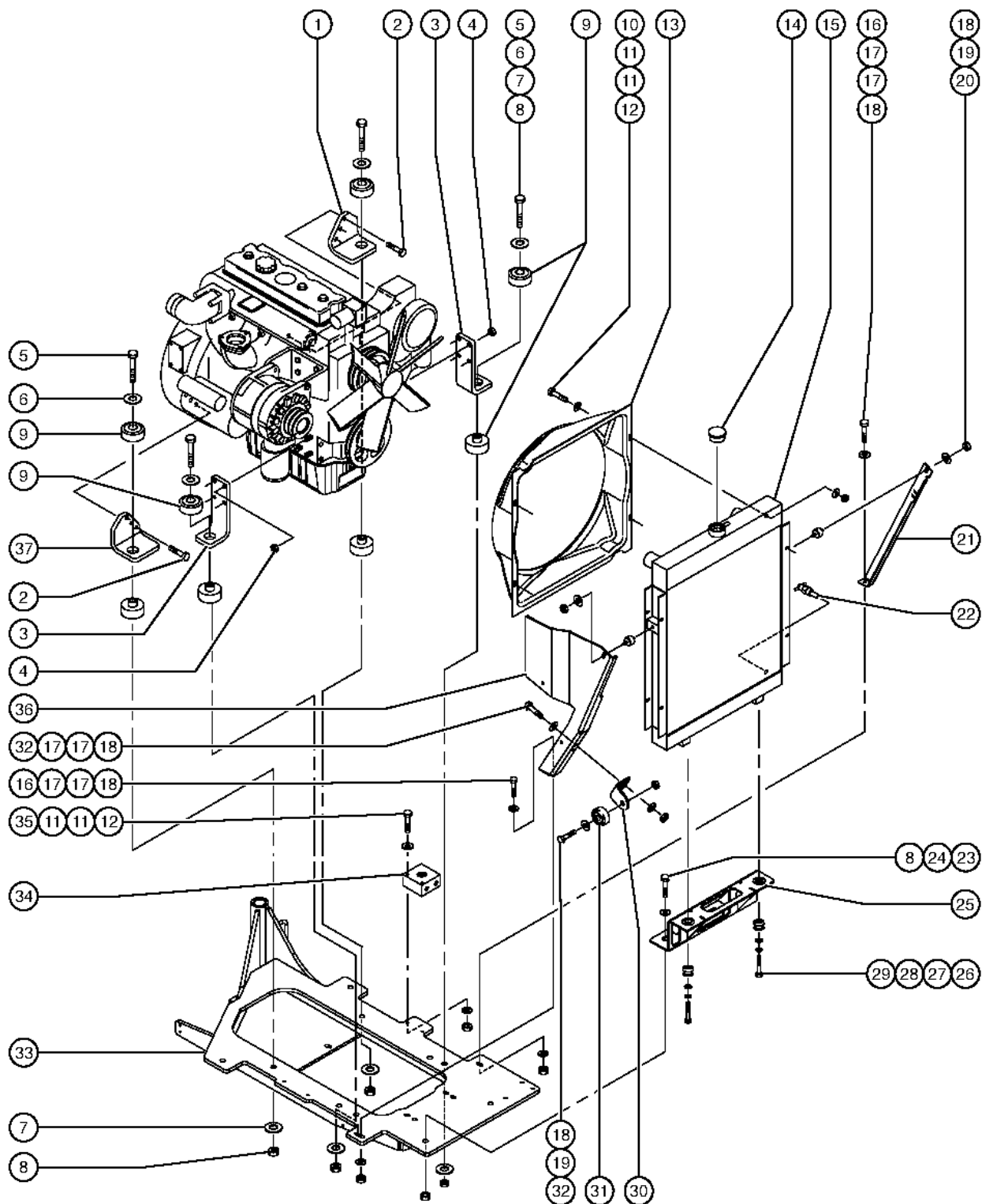
412.2 Perkins 1004-42 Engine - View 4 (from SN 285 to 476)



412.2 Perkins 1004-42 Engine - View 4 (from SN 285 to 476)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	60553-S	BRACKET,ENG.MOUNT,LF,PERKINS.1		36	111398	RADIATOR STRUT ASSEMBLY,RIGHT.....1 <i>USA/Canada/Australia</i>	
2	49381	SCREW,HHC,M12 X 30		--	122026P	RADIATOR STRUT,RIGHT <i>Europe/Asia/South America</i>	
3	60564P	BRACKET,ENG.MOUNT,FRT,PERKINS.2		37	60554-S	BRACKET,ENG.MOUNT,RT,PERKINS.1	
4	75353	NUT,ENGINE MNT.PERKINS 1004-42					
5	59746	SCREW,HHC,5/8-11 X 4.0					
6	33418	WASHER,FLAT,.625 X 2.25 X.15					
7	6035	WASHER,FLAT,USS,5/8",Y					
8	6024	NUT,NYLOCK,5/8-11					
9	102045	ISOLATOR,ENGINE VIBRATION.....4					
10	6888	SCREW,HHC,1/4-20 X 1					
11	6638	WASHER,FLAT,USS,1/4"Y					
12	6091	NUT,NYLOCK,1/4-20					
13	60649	SHROUD,FAN (FIBERGLASS).....1					
14	6090	SCREW,HHC,1/4-20 X .75					
15	75434	CAP,RADIATOR,7 PSI, AKG.....1					
16	75291	RADIATOR,CUMMINS/PERKINS.....1 <i>includes items 15 and 23</i>					
17	8516	SCREW,HHC,3/8-16 X 1.50,GR5					
18	5397	WASHER,FLAT,USS,5/16",Y					
19	4828	NUT,NYLOCK,3/8-16					
20	6097	WASHER,FLAT,USS,3/8",Y					
21	75260	ISOLATOR,FLEX-BOLT SANDWICH***.....2					
22	75262-S	RADIATOR STRUT,LEFT, PAINTED.....1					
23	75435	VALVE,RADIATOR DRAIN, AKG.....1					
24	75300	WELDMENT,RADIATOR SHROUD.....1					
25	29883	SCREW,HHC,5/8-11 X 1.75 GRD.8.....2					
26	13064	WASHER,FLAT,.625 HARDENED....2					
27	75297-S	WELDMENT,RADIATOR MOUNT,PAINTD.....1					
28	13918	SCREW,HHC,3/8-16 X 1.75,GRD.8.....2					
29	6021	WASHER,LOCK,.375					
30	44714	WASHER,.375X1.25X.100					
31	75259	ISOLATOR,CENTER BONDED.....2					
32	60729-S	FORMING,COVER STOP.....1					
33	50974	BUMPER,RUBBER,COVERS.....1					
34	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5					
35		Ref. Engine Tray (refer to 416.1)					

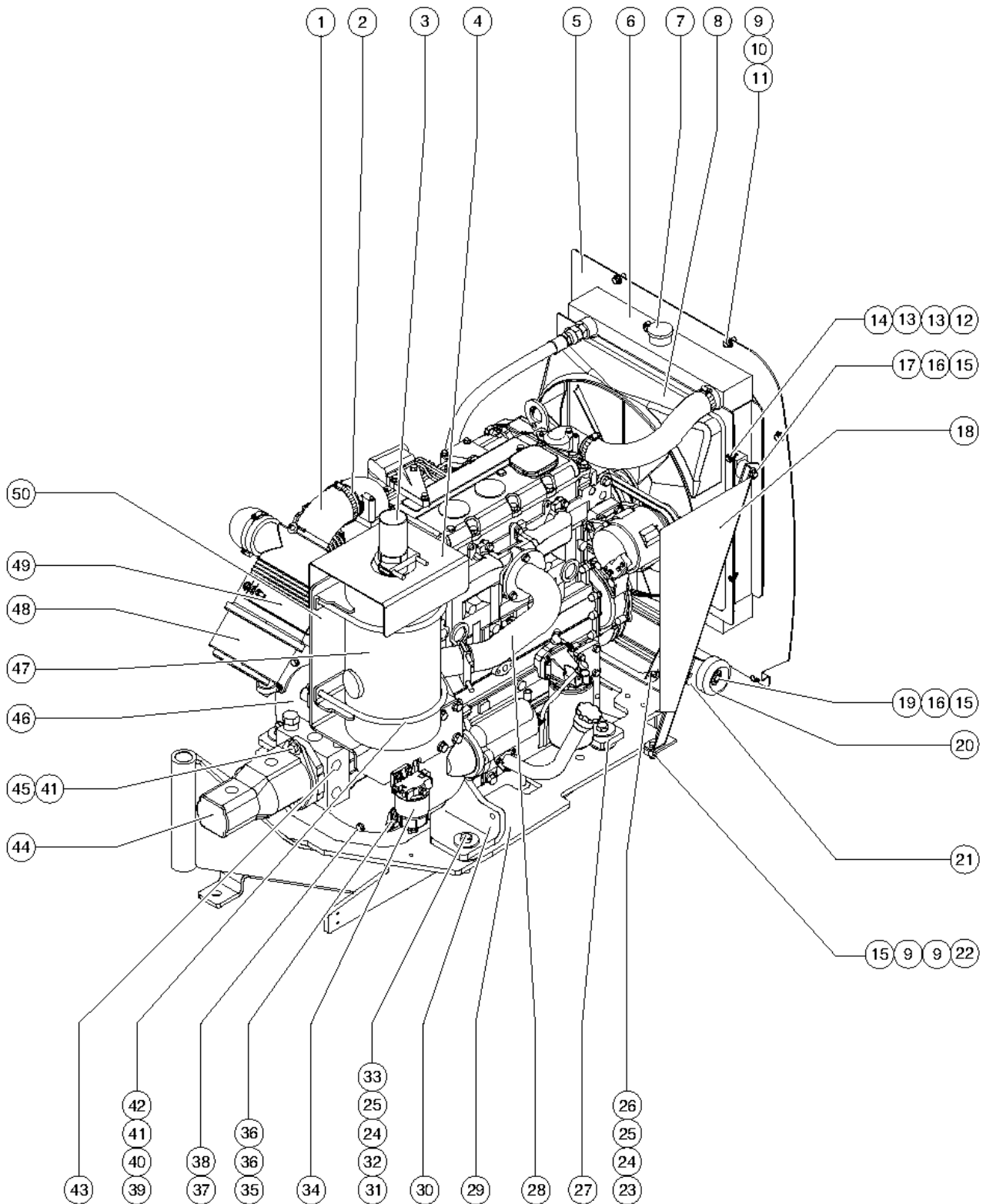
412.3 Perkins 1004-42 Engine - View 4 (from 477 to 932)



412.3 Perkins 1004-42 Engine - View 4 (from 477 to 932)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	60553P	BRACKET,ENG.MOUNT,LF,PERKINS.1		35	6115	SCREW,HHC,1/4-20 X 3.5	
2	49381	SCREW,HHC,M12 X 30		36	111398	RADIATOR STRUT ASSEMBLY,RIGHT.....1 <i>USA/Canada/Australia</i>	
3	60564P	BRACKET,ENG.MOUNT,FRT,PERKINS.2		--	122026P	RADIATOR STRUT,RIGHT <i>Europe/Asia/South America</i>	
4	75353	NUT,ENGINE MNT.PERKINS 1004-42.....8		37	60554-S	BRACKET,ENG.MOUNT,RT,PERKINS.1	
5	59746	SCREW,HHC,5/8-11 X 4.0					
6	33418	WASHER,FLAT,.625 X 2.25 X.15					
7	6035	WASHER,FLAT,USS,5/8",Y					
8	6024	NUT,NYLOCK,5/8-11					
9	102045	ISOLATOR,ENGINE VIBRATION....4					
10	6888	SCREW,HHC,1/4-20 X 1					
11	6638	WASHER,FLAT,USS,1/4"Y					
12	6091	NUT,NYLOCK,1/4-20					
13	60649	SHROUD,FAN (FIBERGLASS).....1					
14	75434	CAP,RADIATOR,7 PSI, AKG.....1					
15	75547	RADIATOR.....1 <i>includes items 14 and 22</i>					
16	8516	SCREW,HHC,3/8-16 X 1.50,GR5					
17	5397	WASHER,FLAT,USS,5/16",Y					
18	4828	NUT,NYLOCK,3/8-16					
19	6097	WASHER,FLAT,USS,3/8",Y					
20	75260	ISOLATOR,FLEX-BOLT SANDWICH***2					
21	75262-S	RADIATOR STRUT,LEFT, PAINTED.....1					
22	75435	VALVE,RADIATOR DRAIN, AKG.....1					
23	29883	SCREW,HHC,5/8-11 X 1.75 GRD.8.....2					
24	13064	WASHER,FLAT,.625 HARDENED....2					
25	75297-S	WELDMENT,RADIATOR MOUNT,PAINTD.....1					
26	13918	SCREW,HHC,3/8-16 X 1.75,GRD.8.....2					
27	6021	WASHER,LOCK,.375					
28	44714	WASHER,.375X1.25X.100					
29	75259	ISOLATOR,CENTER BONDED.....2					
30	60729-S	FORMING,COVER STOP.....1					
31	50974	BUMPER,RUBBER,COVERS.....1					
32	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5					
33		Ref. Engine Tray (refer to 416.1)					
34		Ref Hydraulic Oil Cooler Manifold (refer to 404.3)					

413.1 Perkins 1104C-44 Engine - View 1 (from SN 933 to 2552)



413.1 Perkins 1104C-44 Engine - View 1 (from SN 933 to 2552)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	101767	HARNESS,PERKINS ENGINE,1104 to SN 1028		24	13064	WASHER,FLAT,.625 HARDENED....	4
--	102706	HARNESS,ENGINE,PERKINS 1104 from SN 1029		25	75297P	WELDMENT,RADIATOR MOUNT....	1
--	123087	PUMP / FUEL LIFT		26	6024	NUT,NYLOCK,5/8-11	
1	61270	ELBOW,45 DEG,INLET.....	2	27	60564P	BRACKET,ENG.MOUNT,FRT.PERKINS.2	
2	30489	CLAMP,HOSE,3.50.....	6	28	101229	WELDMENT,EXHAUST HEAD PIPE.....	1
3	94324-500	TUBE,RD,STL,ALUMIZD,2.5 X .065.....	1	--	70553	WELDMENT,EXHAUST HEADER from SN 1042	
4	70554P	HEAT SHIELD,PERKINS MUFFLER.....	1	29		Ref. Engine Tray (refer to 416.2)	
5	101486P	BAFFLE,1104-C PERKINS PAINTED.....	1	30	101931P	MOUNT,PERKINS 1104 RH PAINTED.....	1
6	75547	RADIATOR.....	1	31	13003	SCREW,HHC,5/8-11 X 3.5 GRD.8...	4
--	70518	RADIATOR from SN 985		32	33418	WASHER,FLAT,.625 X 2.25 X.15	
7	75434	CAP,RADIATOR,7 PSI, AKG.....	1	33	102045	ISOLATOR,ENGINE VIBRATION....	4
--	65473	CAP,RADIATOR,PERKINS/FORD from SN 985		34	75020	SEPRTR/FLTR,FUEL DSL,15GPH,.30.....	1
8	60649	SHROUD,FAN (FIBERGLASS).....	1	--	62433	FILTER,ELEMENT,30 MIC,75020	
9	5397	WASHER,FLAT,USS,5/16",Y		35	75100	BRACKET, CABLE MOUNT.....	2
10	6021	WASHER,LOCK,.375		36	60584	GROMMET,RUBBER .75 X .19 X 1**.....	4
11	6175	SCREW,HHC,3/8-16 X 1		37	44064	SCREW,HHC,M10 X 30MM,	
12	6888	SCREW,HHC,1/4-20 X 1		38	22699	WASHER,FLAT,M10,ZINC PLTD.	
13	6638	WASHER,FLAT,USS,1/4"Y		39	70449	U-BOLT,1/2-13 X 8.5.....	2
14	6091	NUT,NYLOCK,1/4-20		40	70483	FORMING,8.5' MUFFLER MOUNT.....	2
15	4828	NUT,NYLOCK,3/8-16		41	13066	WASHER,FLAT,.5 HARDENED.....	6
16	6097	WASHER,FLAT,USS,3/8",Y		42	66777	NUT,TOP LOCK,1/2-13	
17	75260	ISOLATOR,FLEX-BOLT SANDWICH***.....	2	43		Ref. Drive Pump (refer to 711.1)	
18	111399	RADIATOR STRUT ASSEMBLY,RIGHT.....	1	44		Ref. Function Pump (refer to 711.1)	
--	122026P	RADIATOR STRUT,RIGHT Europe/Asia/South America		45	10597	SCREW,HHC,1/2-13 X 1.25 GR5	
19	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5		46	60322P	PLATE,PUMP MOUNT.....	1
20	50974	BUMPER,RUBBER,COVERS.....	1	--	101638	OPTION, SPARK ARREST	
21	60729-S	FORMING,COVER STOP.....	1	--	29749	COUPLER,SMALL METAL,15T,*** from SN 1029	
22	8516	SCREW,HHC,3/8-16 X 1.50,GR5		--	33023	FLYWHEEL FLANGE,SAE 8/12.375 from SN 1029	
23	29883	SCREW,HHC,5/8-11 X 1.75 GRD.8.....	2	--	61077	COUPLER,HUB,14 TOOTH to SN 1028	
				--	61078	FLYWHEEL DRIVE PLATE,SAE 10 to SN 1028	
				47	70444	MUFFLER,2.5"INLET/OUTLET.....	1
				--	101634	MUFFLER,CATALYTIC,2.5 I/O	

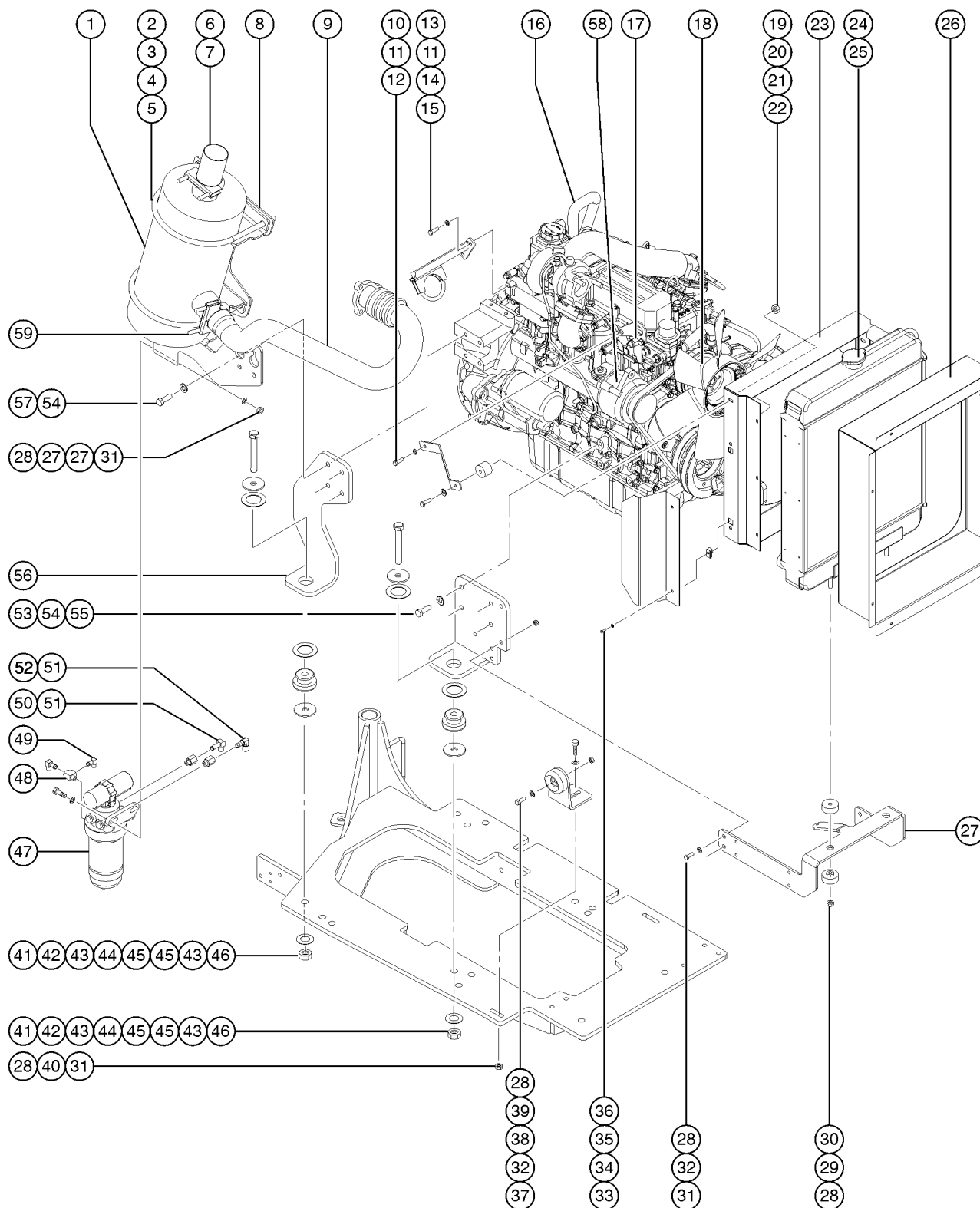
413.1 Perkins 1104C-44 Engine - View 1 (from SN 933 to 2552)
(continued)

Item	Part No.	Description	Qty.
48	81467	AIR CLEANER,NELSON.....	1
--	62425	FILTER,AIR CLEANER, SUPERBOOM	
49	81468	MOUNTING BAND,AIR CLEANER.....	1
50	101513P	BRACKET,MUFFLER MOUNT PAINTED..... <i>to SN 1041</i>	1
--	70555P	BRACKET,MUFFLER MOUNT PAINTED	

413.1 Perkins 1104C-44 Engine - View 1 (from SN 933 to 2552)
(continued)

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413.2 Perkins 804D-33T Engine - View 1 (from SN 2553)



413.2 Perkins 804D-33T Engine - View 1 (from SN 2553)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	122593	HARNES,PERKINS 804D-33T		25	110304	RADIATOR,FORD/PERKINS***.....1	
--	128829	CIRCUIT BRKR 15A TYPE 2 METAL <i>from SN 2589</i>		26	128247	FORMING, FAN BAFFLE.....1	
--	139612	KIT CB 15A T2 RPM SOLENOID 3W <i>includes item 128829; to SN 2588</i>		27	101606P	BRACKET,RADIATOR SUPPORT PNTD.....1	
1	70444	MUFFLER,2.5"INLET/OUTLET.....1		28	4828	NUT,NYLOCK,3/8-16	
2	70449	U-BOLT,1/2-13 X 8.5		29	24038	SHOCK MOUNT,SMALL	
3	70483	FORMING,8.5' MUFFLER MOUNT		30	24037	SHOCK MOUNT,LARGE**	
4	13066	WASHER,FLAT,.5 HARDENED		31	8516	SCREW,HHC,3/8-16 X 1.50,GR5	
5	66777	NUT,TOP LOCK,1/2-13		32	6097	WASHER,FLAT,USS,3/8",Y	
6	94324	TUBE,RD,STL,ALUMIZD,2.5 X .065		33	6090	SCREW,HHC,1/4-20 X .75	
7	71911	CLAMP,MUFFLER, 2.50 INCH		34	6638	WASHER,FLAT,USS,1/4"Y	
8	122702	WLDT, MUFFLER BRKT, PERK T3.....1		35	139066	FORMING, BELT GUARD	
9	122701	WELDMENT, EXHAUST, 804T.....1		36	56912	SPRING CLIP,1/4-20,.025-.15X.5	
10	85064	SCREW,SHC,M8 X 1.25 X 16 MM		37	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5	
11	49408	WASHER,LOCK,M8		38	50974	BUMPER,RUBBER,COVERS	
12	101604P	BRACKET,FAN SHROUD,RH,PAINTED		39	54363	BRACKET,RUBBER BUMPER,ENGCOVER <i>to SN 2668</i>	
13	23057	SCREW,HHC,M8 X 20MM		--	60778	FORMING,COVER STOP <i>from SN 2669</i>	
14	128280	WELDMENT, EXHAUST SUPPORT.....1 <i>to SN 2668</i>		40	5397	WASHER,FLAT,USS,5/16",Y	
15	71911	CLAMP,MUFFLER, 2.50 INCH <i>to SN 2668</i>		41	6024	NUT,NYLOCK,5/8-11	
16	128661	HOSE, CRANKCASE BREATHING.....1		42	13064	WASHER,FLAT,.625 HARDENED	
17	128638	SENSOR, TEMP. SENDER, M16X1.5.....1 <i>does not include 128801 or 128858</i>		43	33418	WASHER,FLAT,.625 X 2.25 X.15	
--	128801	O-RING, M16, ISO <i>order separately</i>		44	102045	ISOLATOR,ENGINE VIBRATION	
--	128858	WASHER, RETAINING, M16 <i>order separately</i>		45	18596	WASHER,FLAT,1.56 X 2.5 X .061	
18	75328	FAN,PULLER,PERKINS,1004-42.....1		46	13003	SCREW,HHC,5/8-11 X 3.5 GRD.8	
19	22571	NUT,HEX,M8 X 1.25		47	101644	FUEL LIFT PUMP/FILTER ASSY.....1	
20	60585	ISOLATOR,VIBRATION,M8 MALE/FEM		48	41468	TEE,BRASS STREET,12 NPT.....1	
21	33277	WASHER,FLAT,M8,YELLOW ZINC		49	38922	ELBOW,90DEG.1/8MPT-5/16 BARB.....2	
22	101629	SCREW,HHC,M8 X 10MM		50	31817	ELBOW,90DEG.1/4MPT-3/8 BARB.....2	
23	101603P	SHROUD,FAN,PERKINS PAINTED.....1		51	101628	ADAPTER,1/4 FNPT X 1/2-20 UNF.....2	
24	65473	CAP,RADIATOR,PERKINS/FORD.....1		52	54205	HOSE END,BARB,1/4 MNPTX5/16,90.....1	
				53	27584	SCREW,HHC,M12 X 35MM.....14	
				54	49410	WASHER,FLAT,M12	
				55	128243	WELDMENT, ENGINE MNT, RF.....1	
				56	128242	ENGINE MOUNT, RR.....1	
				57	27584	SCREW,HHC,M12 X 35MM	

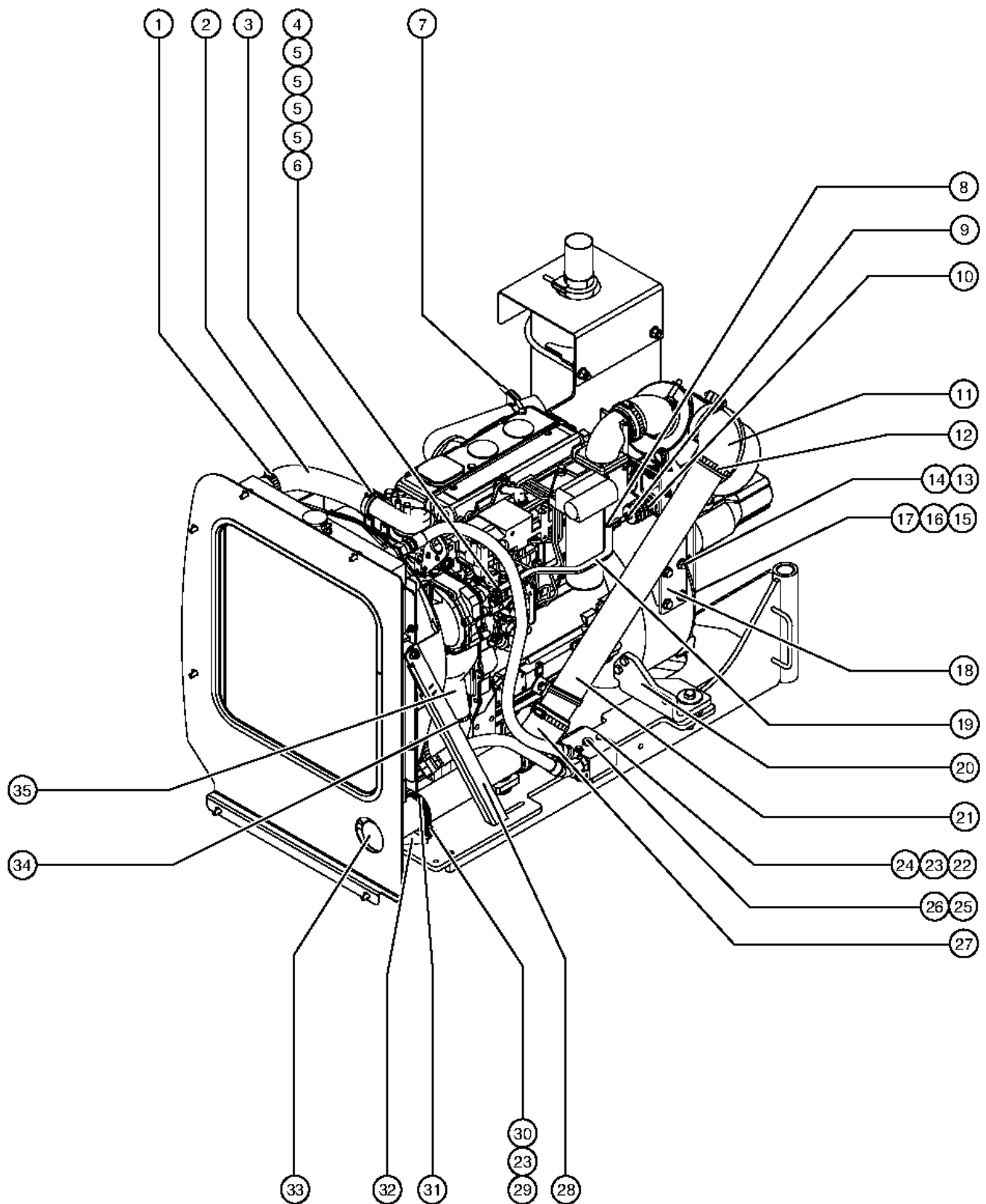
413.2 Perkins 804D-33T Engine - View 1 (from SN 2553)
(continued)

Item	Part No.	Description	Qty.
58	146048	ALTERNATOR	
59	71911	CLAMP,MUFFLER, 2.50 INCH <i>from SN 2669</i>	

413.2 Perkins 804D-33T Engine - View 1 (from SN 2553)
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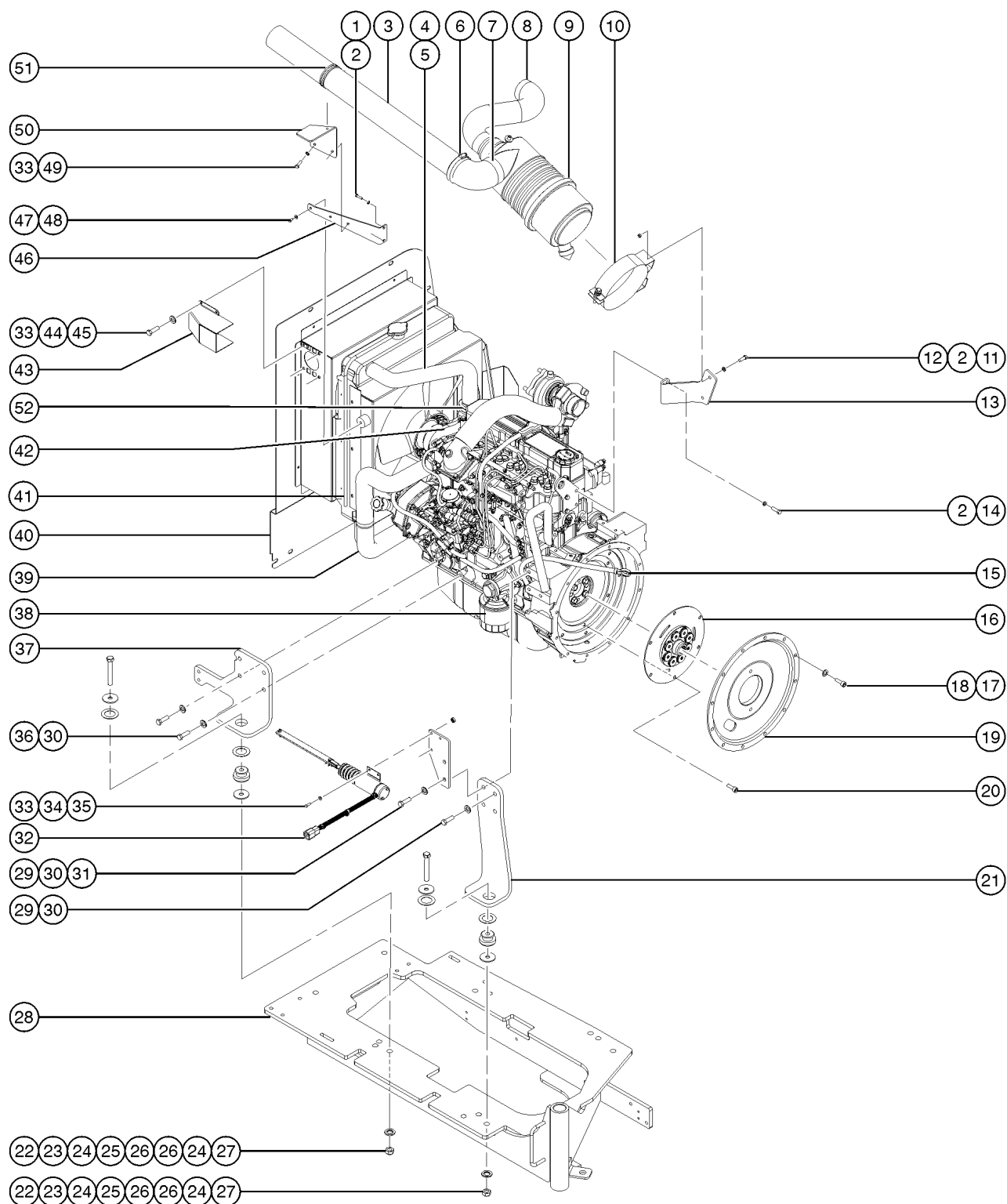
414.1 Perkins 1104C-44 Engine - View 2 (from SN 933 to 2552)



414.1 Perkins 1104C-44 Engine - View 2 (from SN 933 to 2552)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	22672	CLAMP,HOSE,1.75.....	1	29	6888	SCREW,HHC,1/4-20 X 1	
2	60576	RADIATOR HOSE,UPPER-PERKINS.....	1	30	56912	SPRING CLIP,1/4-20,.025-.15X.5	
3	35434	CLAMP,HOSE,2.00***.....	1	31	70257	CLAMP,3.0,#48 X 1/4,RUB CUSH....	2
4	5365	NUT,NYLOCK,10-24		32	101347P	BRACKET,AIR TUBE SUPPORT PAINT.....	1
5	56660	WASHER,RIVETING		33	81738-1900	TUBE,RD,STL 3 X 18GA ALUMINIZD.....	1
6	6584	SCREW,SHS,10-24 X .625		34	45435	CLAMP,HOSE,2.50****.....	2
7	71911	CLAMP,MUFFLER, 2.50 INCH.....	2	35	75555	RADIATOR HOSE,LOWER-PERKINS.....	1
8	21130	CLEVIS YOKE-1/4-28,PLTD W/PIN.....	1				
9	21496	NUT,HEX,1/4-28					
10	101957	SOLENOID,THROTTLE,ASSY.TROMB..	1				
11	60561	ELBOW,INLET,CUMMINS.....	1				
12	30489	CLAMP,HOSE,3.50.....	6				
13	49381	SCREW,HHC,M12 X 30					
14	49410	WASHER,FLAT,M12					
15	49863	CLAMP,1.13,#18 X 3/8,RUB CUSH*.....	1				
16	44064	SCREW,HHC,M10 X 30MM,					
17	22699	WASHER,FLAT,M10,ZINC PLTD.					
18	101217P	PLATE,THROTTLE ACTUATOR MOUNT.....	1				
19	101219	THROTTLE LINKAGE,PERKINS 1104C.....	1				
20	101930P	MOUNT,PERKINS 1104 LF PAINTED.....	1				
21	81738-2800	TUBE,RD,STL 3 X 18GA ALUMINIZD.....	1				
22	6115	SCREW,HHC,1/4-20 X 3.5 to SN 984					
23	6638	WASHER,FLAT,USS,1/4"Y					
24	6091	NUT,NYLOCK,1/4-20					
25	75651	MANIFOLD,COOLER BYPASS..... includes item 28; to SN 984	1				
26	102166	VALVE,CHECK,30 PSI..... to SN 984	1				
--	44224	SEAL KIT, VALVE					
27	61270	ELBOW,45 DEG,INLET.....	2				
28	75262P	RADIATOR STRUT,LEFT,PAINTED..... to SN 2099	1				
--	122333	RADIATOR STRUT,LEFT from SN 2100					

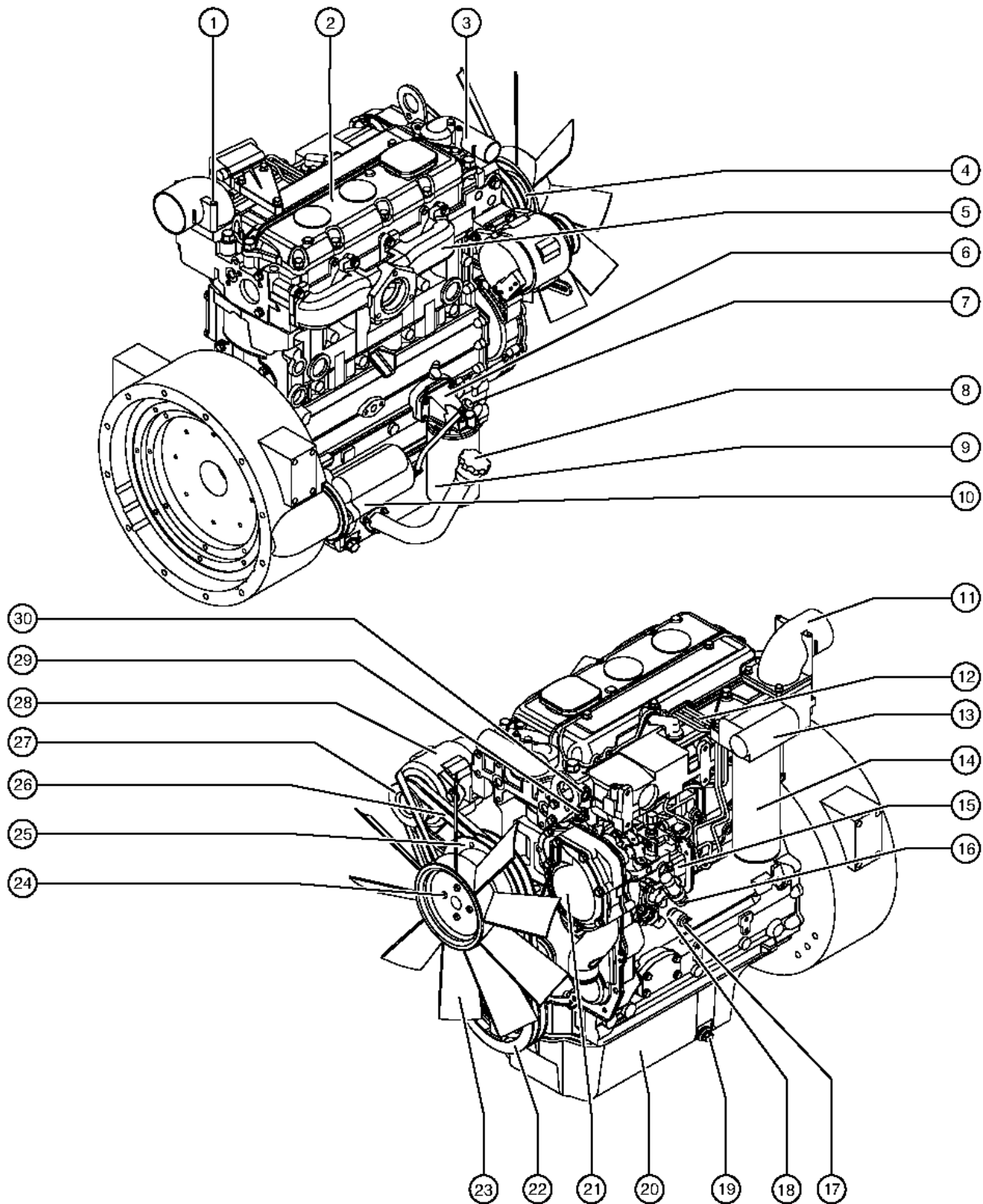
414.2 Perkins 804D-33T Engine - View 2 (from SN 2553)



414.2 Perkins 804D-33T Engine - View 2 (from SN 2553)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	23057	SCREW,HHC,M8 X 20MM		--	60526	LOCK,RECEP 4 WAY,12-14GA	
2	49408	WASHER,LOCK,M8		--	60757	PLUG,SEAL,12-18 GA	
3	81738-3300	TUBE,RD,STL 3 X 18GA ALUMINIZD.....	1	--	6578	CABLE TIE,7 3/8"	
4	101601	HOSE,RADIATOR,UPPER,PERKINS.1		--	73711	TERM,DEUTSCH, PIN #12-14	
5	35434	CLAMP,HOSE,2.00***		--	89998	KIT,SERVICE,SOLENOID MODULE	
6	30489	CLAMP,HOSE,3.50		33	6090	SCREW,HHC,1/4-20 X .75	
7	60561	ELBOW,INLET,CUMMINS.....	1	34	6638	WASHER,FLAT,USS,1/4"Y	
8	128207	HOSE, AIR INTAKE, 804T.....	1	35	6091	NUT,NYLOCK,1/4-20	
9	81467	AIR CLEANER,NELSON.....	1	36	27584	SCREW,HHC,M12 X 35MM.....	14
10	81468	MOUNTING BAND,AIR CLEANER.....	1	37	128245	ENGINE MOUNT, LF.....	1
11	49378	SCREW,HHC,M8 X 16		38	101613	ELEMENT,OIL FILTER,PERKINS***.....	1
12	6091	NUT,NYLOCK,1/4-20		39	101602	HOSE,RADIATOR,LOWER,PERKINS.1	
13	128248	FORMING, FILTER SUPPORT.....	1	40	128250	FORMING, ENGINE BAFFLE.....	1
14	49379	SCREW,HHC,M8 X 1.25 X 25		41	106226-4000	TUBING, VINYL, 1/2" CLEAR.....	1
15	128424	ASSEMBLY, DIPSTICK TUBE.....	1	42	226060	PUMP,WATER,PERKINS 804D-33T	
16	128004	COUPLER,15 TOOTH,FBA,SAE8***.....	1	--	226061	GASKET-PUMP WATE,PERK 804D-33T	
17	27034	SCREW,HHC,M10 X 25MM,GR 8.8		43	128249	FORMING, INTAKE DUCT.....	1
18	22699	WASHER,FLAT,M10,ZINC PLTD.		44	14295	WASHER,SHIM,.265 X .5 X .030	
19	61781	CASTING,SAE 4 PUMP MOUNT,MACHI.....	1	45	56912	SPRING CLIP,1/4-20,.025-.15X.5	
20	62476	SCREW,SHC,M10X1.5X20MM (75090)		46	128246	BRACKET, FAN SHROUD, LH.....	1
21	128244	ENGINE MOUNT, LR.....	1	47	101629	SCREW,HHC,M8 X 10MM	
22	6024	NUT,NYLOCK,5/8-11		48	33277	WASHER,FLAT,M8,YELLOW ZINC	
23	13064	WASHER,FLAT,.625 HARDENED		49	6638	WASHER,FLAT,USS,1/4"Y	
24	33418	WASHER,FLAT,.625 X 2.25 X .15		50	128421	FORMING, INTAKE TUBE MNT.....	1
25	102045	ISOLATOR,ENGINE VIBRATION		51	70257	CLAMP,3.0,#48 X 1/4,RUB CUSH	
26	18596	WASHER,FLAT,1.56 X 2.5 X .061		52	226127	THERMOSTAT, 180 DEG.F	
27	13003	SCREW,HHC,5/8-11 X 3.5 GRD.8		--	226128	GASKET, (226127)	
28		Ref. ENGINE TRAY (refer to 416.2).....	1				
29	60868	SCREW,HHC,M12 X 45					
30	49410	WASHER,FLAT,M12					
31	128554	PLATE, SOLENOID MOUNT.....	1				
32	101957	SOLENOID,THROTTLE,ASSY.TROMB.					
--	128555	THROTTLE, LINKAGE					
--	53471	WIRE LOOM,3/8 NYLON,HI TEMP					
--	60525	CONN,RECEP 4 WAY,12-14GA					

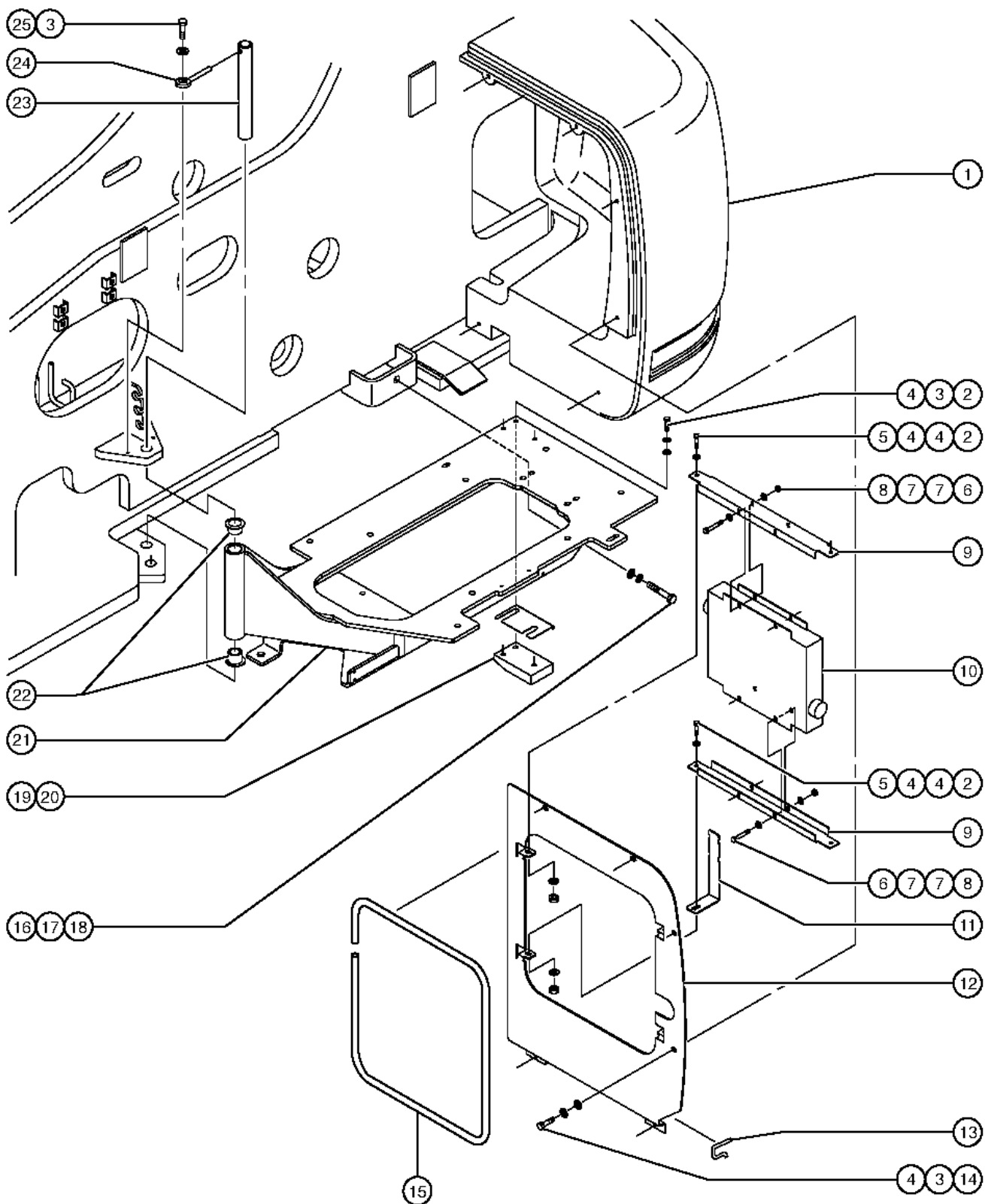
415.1 Perkins 1104C-44 Engine - View 3 (from SN 933 to 2552)



415.1 Perkins 1104C-44 Engine - View 3 (from SN 933 to 2552)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	102603	THERMOSTAT,PERK 1104C		--	75343	WASHER,OIL DRAIN,PERKIN1004-42	
--	102604	GASKET-THERMOSTAT,PERK 1104C		20	102641	OIL PAN,PERKINS 1104C-44.....	1
--	141922	WLDM'T,CHASSIS,STC III ISO MNT		--	102642	GASKET - OIL PAN, PERKIN 1104C	
1	102636	SCREW - AIR INLET,PERK 1104C		21	102643	PUMP, WATER,PERKINS 1104C-44.....	1
2	102599	COVER- VALVE PERKINS 1104C-44.....	1	--	102644	GASKET-PUMP WATE,PERK 1104C-44	
--	102600	SEAL-VALVE COVER PERKINS 1104C		22	75331	PULLEY,CRANKSHAFT,PERKINS 1004.....	1
--	102601	SCREW, VALVE COVER, PERK 1104C		--	75332	SCREW,CRANKSHFT,PERKIN 1004-42	
3	102602	THERMOSTAT HOUSING,PERK 1104C.....	1	23	75328	FAN,PULLER,PERKINS,1004-42.....	1
4	75329	SPACER,FAN,PERKINS, 1004-42...	1	24	75327	STUD,FAN SPACR,PERKINS 1004-42.....	4
5	102605	MANIFOLD,EXHAUST, PERKINS 1104.....	1	--	75326	NUT,FAN BLADE,PERKINS 1004-42	
--	102630	SEAL- EXHAUST MANIFOLD PERK-44		25	75330	PULLEY,FAN,PERKINS 1004-42.....	1
6	123084	HEAD / OIL FILTER.....	1	26	102598	BELT,V, PERKINS 1104C-44.....	2
7	102631	DIPSTICK,PERKINS 1104C-44.....	1	27	102645	PULLEY,ALTERNATOR, PERK 1104C.....	1
8	102635	CAP,OIL FILLER,PERKINS 1104C.....	1	28	102646	ALTERNATOR,PERKINS 1104C-44.....	1
9	102632	FILTER,OIL,PERKINS 1104C-44.....	1	29	34058	SENDING UNIT,TMP,FRD,GM,PRK704.....	1
10	102634	STARTER,PERKINS 1104C-44.....	1	30	75314	SENSOR,COOLANT TEMP,PERKINS***.....	1
11	102637	AIR INLET, PERKINS 1104C-44.....	1				
--	75310	SCREW,PERKINS 1004-42					
12	102647	FUEL LINE-INJECTOR, CYL1 PERK.....	1				
--	102648	FUEL LINE-INJECTOR, CYL2 PERK					
--	102649	FUEL LINE-INJECTOR, CYL3 PERK					
--	102650	FUEL LINE-INJECTOR, CYL4 PERK					
13	102638	ADAPTER-FUEL FILTER, PERK 1104.....	1				
14	102639	FILTER,FUEL, PERKINS 1104C.....	1				
15	102640	PUMP,FUEL INJECTN,PERK 1104C.....	1				
16	102453	SOLENOID FUELINJEC,PERKIN,1004.....	1				
17	102348	SENDING UNIT,OIL PRESS PERKINS.....	1				
18	102651	ADPTR,OIL PRESS SEND PERK T2.....	1				
19	75342	PLUG,ENGINE OIL,PERKIN 1004-42.....	1				

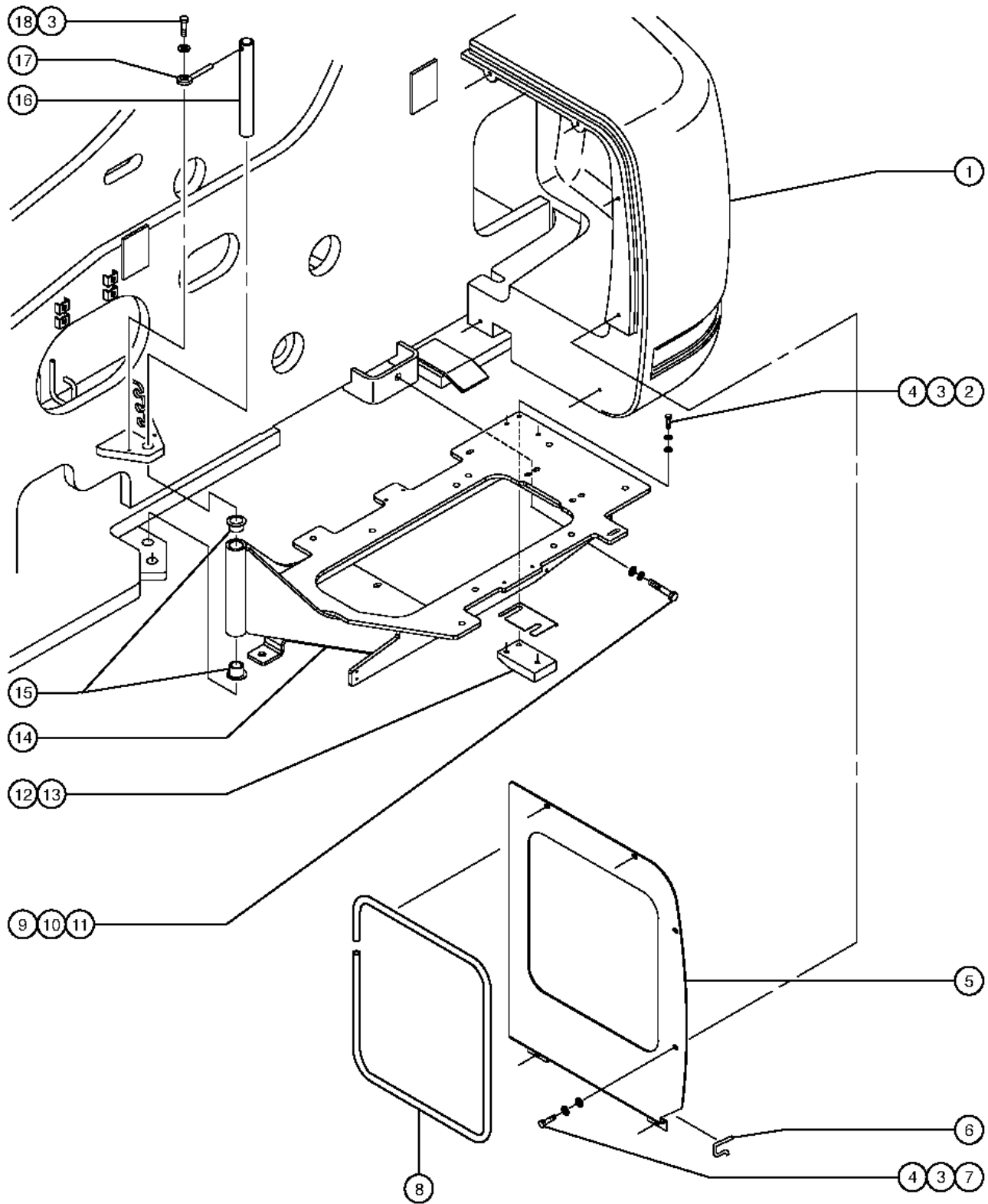
416.1 Perkins Engine Attached Components (to SN 476)



416.1 Perkins Engine Attached Components (to SN 476)

Item	Part No.	Description	Qty.
1		Ref. Counterweight, Front (refer to 408.1)	
2	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5	
3	6021	WASHER,LOCK, .375	
4	5397	WASHER,FLAT,USS,5/16",Y	
5	4828	NUT,NYLOCK,3/8-16	
6	6091	NUT,NYLOCK,1/4-20	
7	6638	WASHER,FLAT,USS,1/4"Y	
8	42571	SCREW,HHC,1/4-20 X 3.25	
9	60687-S	FORMING,COOLER SUPPORT.....2	
10	60597	OIL COOLER,W/O FAN.....1	
11	60820-S	BRACKET,OIL COOLER BYPASS.....1	
12	60560-S	BULKHEAD,SWING CHASSIS.....1	
13	60875	TRIM MOLDING	
14	6175	SCREW,HHC,3/8-16 X 1	
15	60875	TRIM MOLDING.....66-inches	
16	51131	SCREW,HHC,5/8-11 X 2.5	
17	6036	WASHER,LOCK, .625 PLTD	
18	6035	WASHER,FLAT,USS,5/8",Y	
19	60637	WEAR PAD,ENGINE SUPPORT.....1	
20	60826	SHIM,WEAR PAD ENGINE TRAY	
21	75124-S	ENGINE TRAY PIVOT ASSEMBLY1 <i>includes item 22</i>	
22	35675	BEARING,FL,1.25IDX1.5ODX1.25L.2	
23	60625	PIN,1.25DIAX15.63LG,CHAMFER...1	
24	45226	ROD END, .375 X 3.69.....1	
25	8516	SCREW,HHC,3/8-16 X 1.50,GR5	

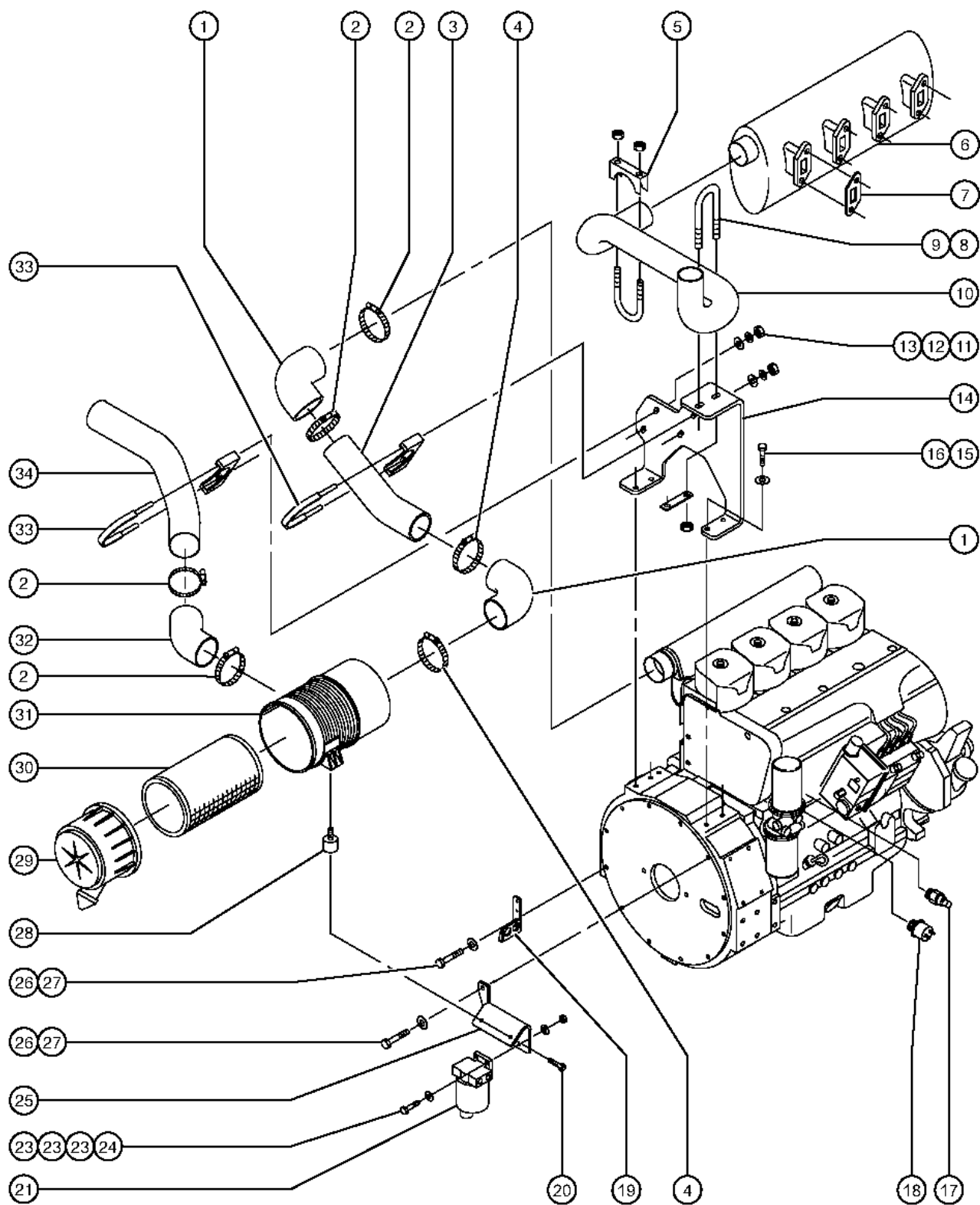
416.2 Perkins Engine Attached Components (from SN 477)



416.2 Perkins Engine Attached Components (from SN 477)

Item	Part No.	Description	Qty.
--		Ref. Hydraulic Oil Cooler (refer to 307.1)	
1		Ref. Counterweight, Front (refer to 408.1)	
2	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5	
3	6021	WASHER,LOCK,,375	
4	5397	WASHER,FLAT,USS,5/16",Y	
5	75607P	INTAKE BAFFLE,PAINTED.....1	
6	60875	TRIM MOLDING	
7	6175	SCREW,HHC,3/8-16 X 1	
8	60875	TRIM MOLDING.....66-inches	
9	51131	SCREW,HHC,5/8-11 X 2.5	
10	6036	WASHER,LOCK,,625 PLTD	
11	6035	WASHER,FLAT,USS,5/8",Y	
12	60637	WEAR PAD,ENGINE SUPPORT.....1	
13	60826	SHIM,WEAR PAD ENGINE TRAY	
14	75460	ENGINE TRAY PIVOT ASSEMBLY1 <i>includes item 15; to SN 772</i>	
--	146054	ENGINE TRAY ASSEMBLY <i>includes item 15; from SN 2553</i>	
--	89511-S	ENGINE TRAY ASSEMBLY <i>includes item 15; from SN 773 to 2552</i>	
15	35675	BEARING,FL,1.25IDX1.5ODX1.25L.2	
16	60625	PIN,1.25DIAX15.63LG,CHAMFER...1	
17	45226	ROD END,,375 X 3.69.....1	
18	8516	SCREW,HHC,3/8-16 X 1.50,GR5	

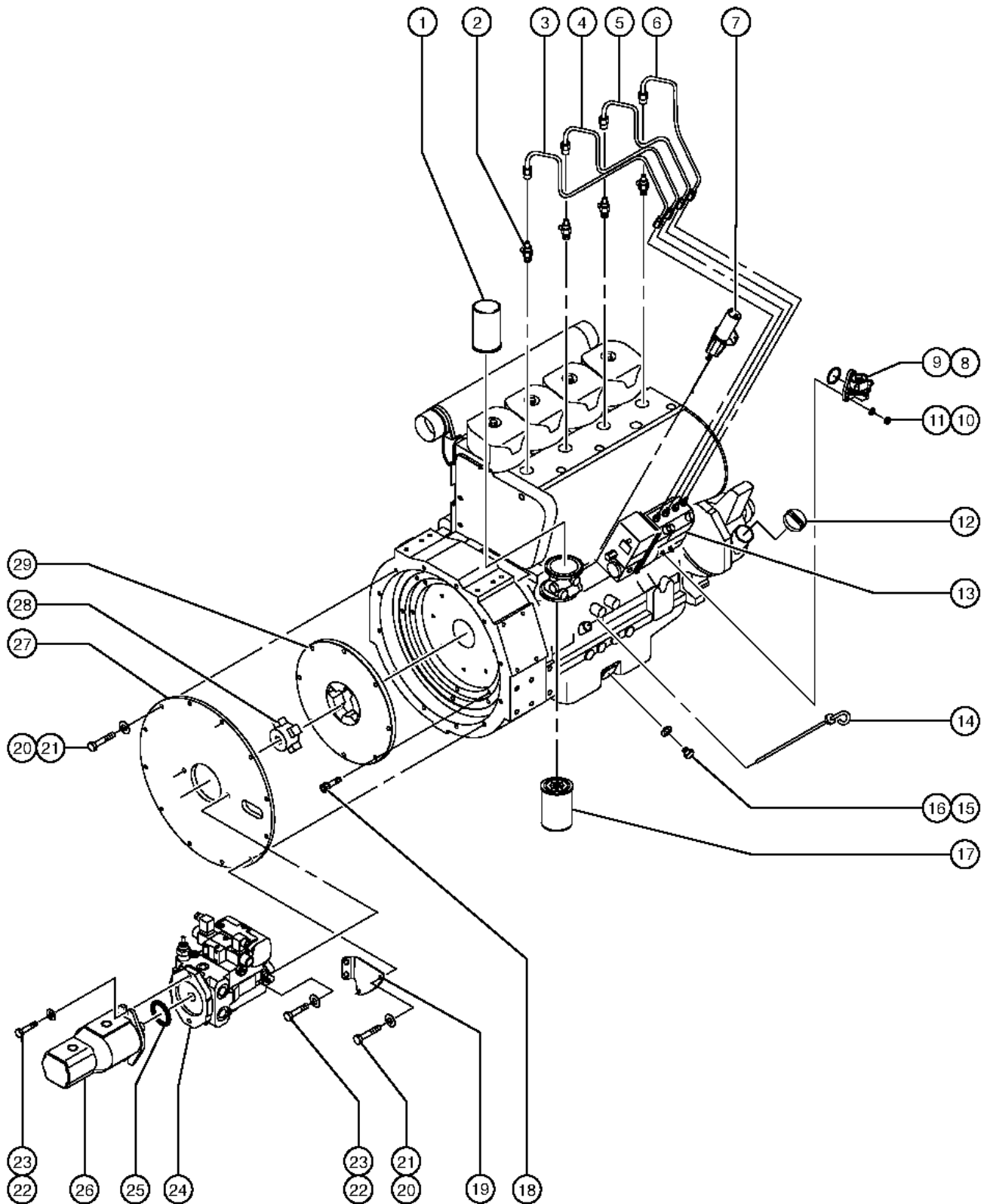
417.1 Deutz F4L913 Engine - View 1 (to SN 920)



417.1 Deutz F4L913 Engine - View 1 (to SN 920)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	62434	MANUAL,DEUTZ F4L913, WORKSHOP		--	62433	FILTER,ELEMENT,30 MIC,75020	
--	75084	HARNESS,DEUTZ ENGINE to SN 148		22	8915	SCREW,HHC,1/4-20 X 1.25	
--	75084	HARNESS,DEUTZ ENGINE from SN 149		23	6638	WASHER,FLAT,USS,1/4"Y	
--	75586	HARNESS,DEUTZ ENGINE from SN 620		24	6091	NUT,NYLOCK,1/4-20	
--	75085	HARNESS, SOLENOID to SN 619		25	61243-S	WELDMNT,AIR CLEANER CUMMINS.....1	
--	88151	FUSE,70 AMP		26	44064	SCREW,HHC,M10 X 30MM,	
--	75433	FUSE,20 AMP, AGC20		27	22699	WASHER,FLAT,M10,ZINC PLTD.	
--	23082	FUSE,15 AMP,TIME DELAY		28	60585	ISOLATOR,VIBRATION,M8 MALE/FEM.....2	
--	45782	DIODE,6 AMP,200 PIV,BULK		29	75451	AIR CLEANER COVER, SUPERBOOM.....1	
1	60561	ELBOW,INLET,CUMMINS.....2		30	62425	FILTER,AIR CLEANER, SUPERBOOM.....1	
--	88064	REDUCER,3" TO 2.75"		31	60328	AIR CLEANER,PLASTIC.....1 includes items 29 and 30	
2	30971	CLAMP,HOSE,3.00".....4		--	75450	AIR CLEANER CLIPS, SUPERBOOM	
3	61155	TUBE,AIR INTAKE,DEUTZ.....1		32	61270	ELBOW,45 DEG,INLET.....1	
4	30489	CLAMP,HOSE,3.50".....2		33	61273	CLAMP-HEAVY DUTY.....2	
5	75358	CLAMP,MUFFLER,DEUTZ F4L913.....1		34	61156	TUBE,ENGINE INTAKE,DEUTZ.....1	
6	75359	MUFFLER,DEUTZ,F4L913.....1					
--	75000	MUFFLER,CATALYTIC,DEUTZ*F4L913					
7	75360	GASKET,EXHAUST,DEUTZ F4L913.....4					
8	16584	U-BOLT, KIT 5/16-18 X 2.5.....1					
9	6037	NUT,HEX,5/16-18,GR5					
10	60856	TAILPIPE,DEUTZ 913.....1					
11	4828	NUT,NYLOCK,3/8-16					
12	6021	WASHER,LOCK,,375					
13	5397	WASHER,FLAT,USS,5/16",Y					
14	61157-S	MOUNT,DEUTZ TUBE.....1					
15	27034	SCREW,HHC,M10 X 25MM,GR 8.8					
16	22699	WASHER,FLAT,M10,ZINC PLTD.					
17	72355	OIL TEMP SENSOR(60323).....1					
18	75473	SENSOR,OIL PRS KIT,VDO0360-040.....1					
19	75100	BRACKET, CABLE MOUNT.....1					
--	60584	GROMMET,RUBBER .75 X .19 X 1**					
20	49378	SCREW,HHC,M8 X 16					
21	75020	SEPRTR/FLTR,FUEL DSL,15GPH,,30.....1					

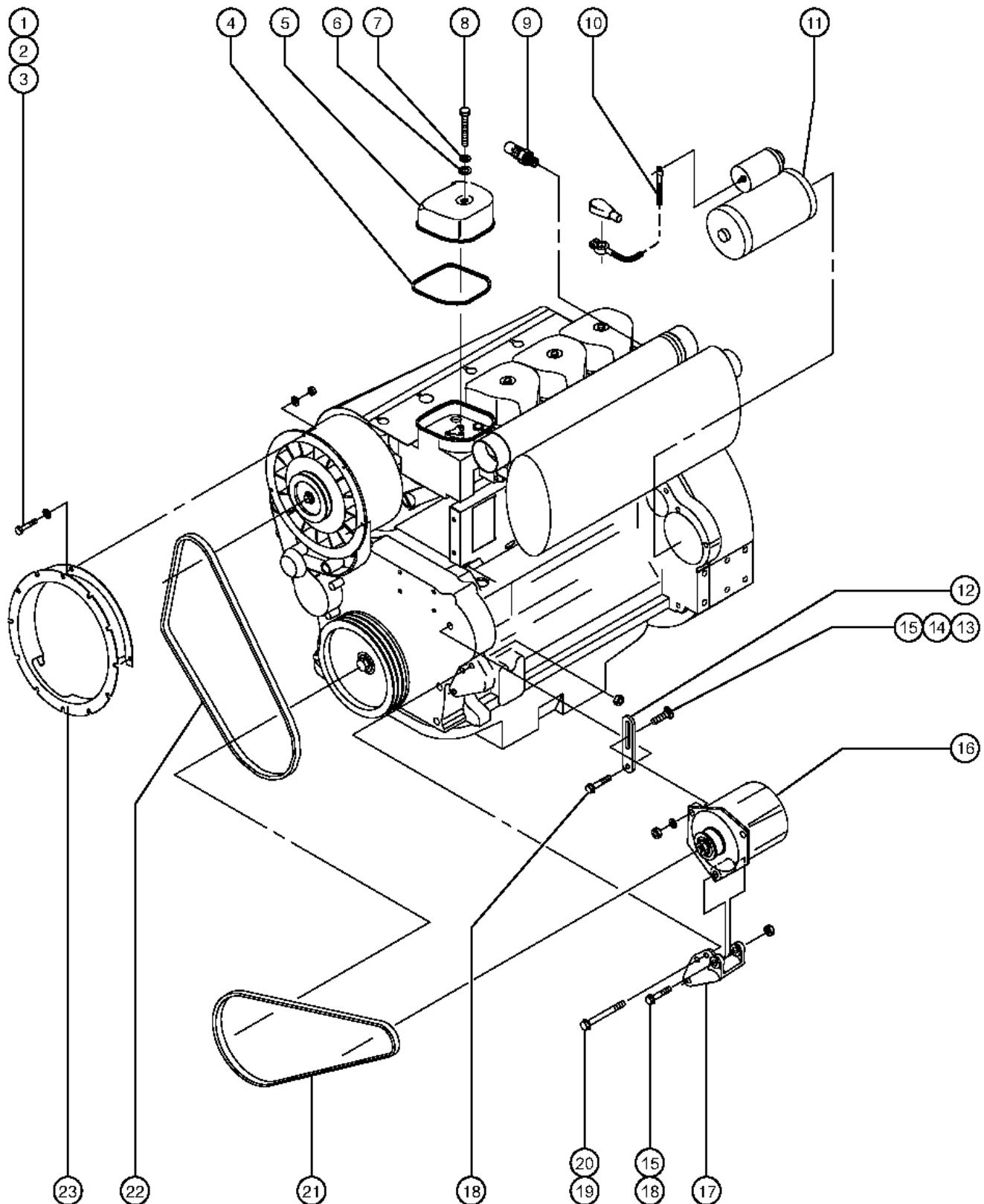
418.1 Deutz F4L913 Engine - View 2 (to SN 920)



418.1 Deutz F4L913 Engine - View 2 (to SN 920)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	108543	FILTER / FUEL / SPIN-ON.....	1	29	61078	FLYWHEEL DRIVE PLATE,SAE	
--	58566	FILTER HEAD (29560)				10.....	1
2	75361	INJECTOR,FUEL,DEUTZ F4L913...	4				
3	75362	FUEL LINE,INJECT.1DEUTZ					
		F4L913.....	1				
4	75363	FUEL LINE,INJECT.2DEUTZ					
		F4L913.....	1				
5	75364	FUEL LINE,INJECT.3DEUTZ					
		F4L913.....	1				
6	75365	FUEL LINE,INJECT.4DEUTZ					
		F4L913.....	1				
7	75366	SOLENOID,SHUTDOWN DEUTZ					
		F4L913.....	1				
8	75367	PUMP,FUEL LIFT DEUTZ					
		F4L913.....	1				
9	72243	MOUNTING O-RING (75367).....	1				
10	75379	NUT,M6,FUEL PUMP,DEUTZ F4L913					
11	75380	WASHER,LOCK,M6,DEUTZ F4L913					
12	75369	CAP,OIL FILLER, DEUTZ F4L913....	1				
--	75377	O-RING,OIL FILLER (75369)					
13	75370	PUMP,FUEL INJECTN.DEUTZ					
		F4L913.....	1				
		<i>includes items 8-11</i>					
--	75371	O-RING,FUEL INJ.PUMP (75370)					
14	75372	DIPSTICK,DEUTZ F4L913					
15	75374	PLUG,ENGINE OIL, DEUTZ					
		F4L913.....	3				
16	75375	WASHER,OIL DRAIN DEUTZ					
		F4L913.....	3				
17	62430	FILTER,OIL, DEUTZ F4L913.....	1				
18	61110	SCREW,SHC,M10X1.5X30 GR					
		12.9.....	9				
19	60883	FORMING,TEST PORT MOUNT.....	1				
20	44064	SCREW,HHC,M10 X 30MM,					
21	22699	WASHER,FLAT,M10,ZINC PLTD.					
22	10597	SCREW,HHC,1/2-13 X 1.25 GR5					
23	13066	WASHER,FLAT,.5 HARDENED					
24		Ref. Drive Pump (refer to 711.1)					
25	62407	O-RING,PISTON PUMP TO					
		GEARPUMP.....	1				
26		Ref. Function Pump (refer to 711.1)					
27	60322P	PLATE,PUMP MOUNT.....	1				
28	61077	COUPLER,HUB,14 TOOTH.....	1				

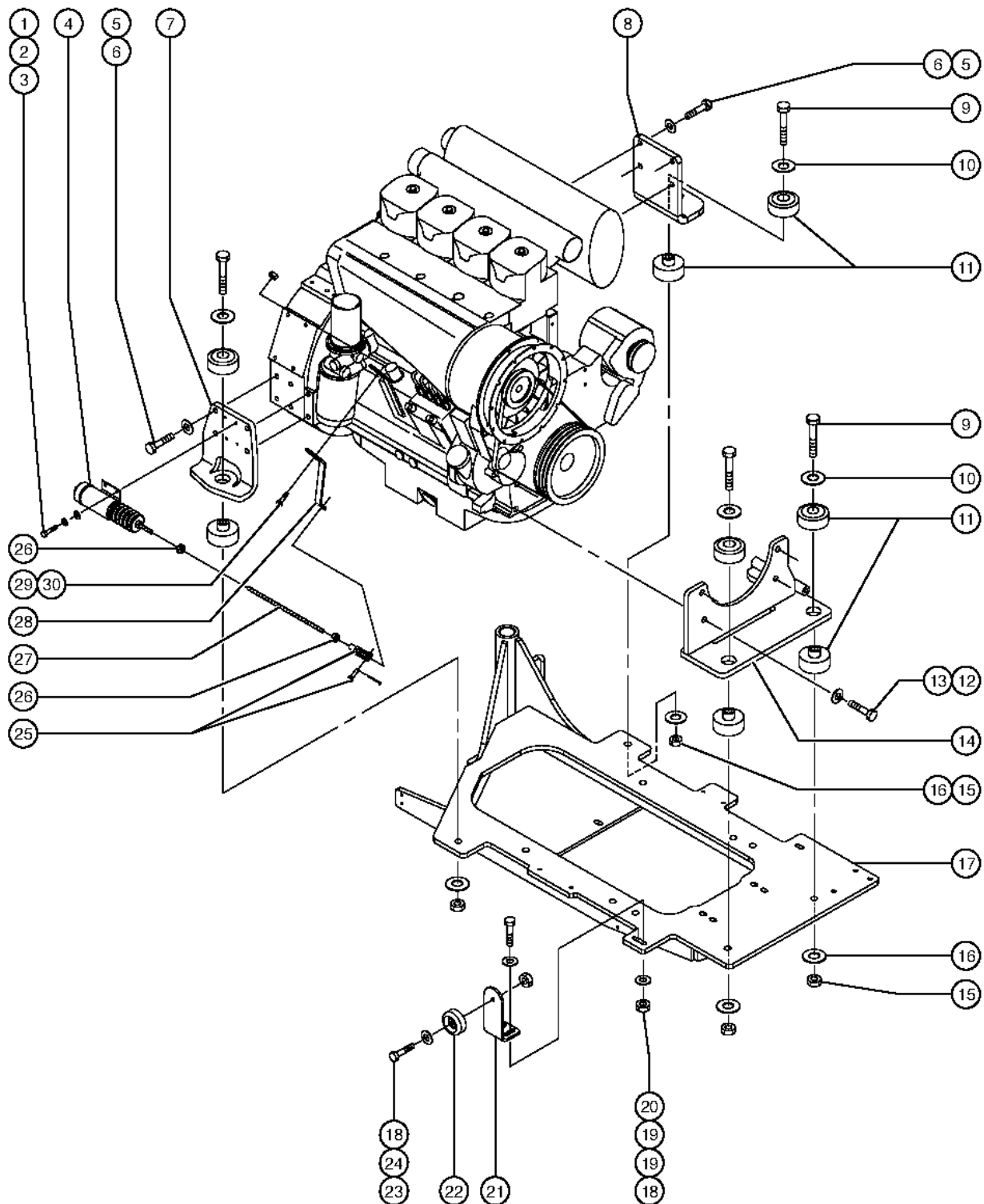
419.1 Deutz F4L913 Engine - View 3 (to SN 920)



419.1 Deutz F4L913 Engine - View 3 (to SN 920)

Item	Part No.	Description	Qty.
1	75381	SCREW,HHC,M6 X 1 X 20	
2	75382	WASHER,FLAT,M6,DEUTZ F4L913	
3	75383	NUT,M6,BLOWER,DEUTZ F4L913	
4	75384	GASKET,CYL.COVR. DEUTZ F4L913.....4	
5	75385	CYLINDER HEAD CVR.DEUTZ F4L913.....4	
6	75388	SEAL,CYL.HED.CVR.DEUTZ,F4L913.4	
7	75387	WASHER,CYL.HED CVR.DEUTZF4L913.....4	
8	75386	SCREW,HHC,M8 X 1.25 X 30	
9	75389	GLOW PLUG,DEUTZ F4L913.....1	
--	75390	SOLENOID,GLOW PLUG,DEUTZF4L913	
10	61318	BATTERY CABLE,POSITIVE DEUTZ.....1	
11	75391	STARTER, DEUTZ F4L913.....1	
--	75392	SOLENOID,STARTER,DEUTZ F4L913	
12	75394	ALTERNATOR STAY,DEUTZ F4L913.....1	
13	75416	BOLT,CARRIAGE,M8X1.25X25,DEUTZ	
14	75417	WASHER,FLAT,M8 DEUTZ, F4L913	
15	75418	NUT,M8,ALTERNATOR,DEUTZ F4L913	
16	75393	ALTERNATOR, DEUTZ (55AMP) ***1	
17	75419	ALTERNATOR,STAY,DEUTZ,F4L913.1	
18	75420	SCREW,HHC,M8 X 1.25 X 120	
19	75421	SCREW,HHC,M10 X 1.5 X 140	
20	75422	NUT,HEX,M10,ALTER.DEUTZ F4L913	
21	62432	BELT,V, ALTERNATR.DEUTZ F4L913.....1	
22	62431	BELT,V, BLOWER, DEUTZ F4L913.....1	
22	T107605	SWITCH,FAN BELT.....1	
22	T107606	HARNESS, FAN BELT SWITCH.....1	
23	75423	SHROUD,DEUTZ,AIR INTAKE.....1	

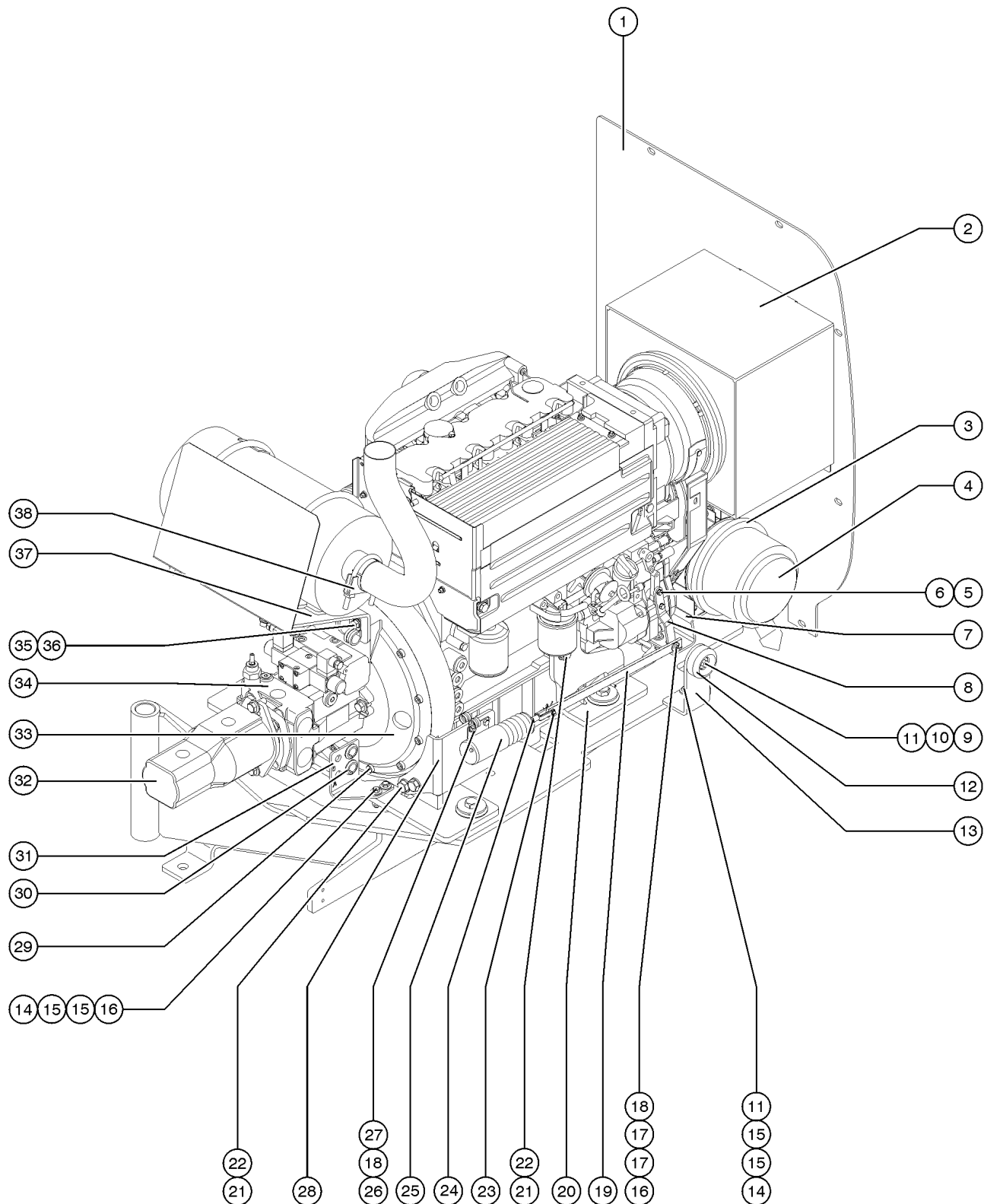
420.1 Deutz F4L913 Engine - View 4 (to SN 920)



420.1 Deutz F4L913 Engine - View 4 (to SN 920)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	7339	SCREW,HHC,1/4-20 X .5		25	21130	CLEVIS YOKE-1/4-28,PLTD W/PIN.....	1
2	6356	WASHER,LOCK,.25		26	21496	NUT,HEX,1/4-28	
3	6638	WASHER,FLAT,USS,1/4"Y		27	30785-1000	THREADED ROD,1/4-28 X 10 IN***.....	1
4	89998	KIT,SERVICE,SOLENOID MODULE.....	1	28	75082-S	FORMING,THROTTLE ARM DEUTZ.....	1
--	58165	SOLENOID UPDATE KIT		29	6090	SCREW,HHC,1/4-20 X .75	
--	75085	HARNESS, SOLENOID		30	6889	NUT,LP NYLOCK,1/4-20	
5	44064	SCREW,HHC,M10 X 30MM,					
6	49410	WASHER,FLAT,M12					
7	75083-S	BRACKET,ENGINE MOUNT RR,DEUTZ.....	1				
8	60619-S	BRACKET,ENG.MOUNT LH/RR.....	1				
9	59746	SCREW,HHC,5/8-11 X 4.0.....	4				
		<i>for use with two-piece isolator</i>					
9A	13003	SCREW,HHC,5/8-11 X 3.5 GRD.8... <i>for use with one-piece isolator 102045</i>	4				
10	33418	WASHER,FLAT,.625 X 2.25 X.15.....	4				
11		ISOLATOR,TWO-PIECE <i>component no longer available</i>					
11A	102045	ISOLATOR,ENGINE VIBRATION.....	4				
11A	18596	WASHER,FLAT,1.56 X 2.5 X .061.... <i>for use with one-piece isolator 102045</i>	8				
12	75398	SCREW,HHC,M14 X 2 X 100					
13	75399	WASHER,FLAT,M14,DEUTZ F4L913					
14	89906	WELDMENT,GENERATOR MOUNT,DEUTZ.....	1				
15	6024	NUT,NYLOCK,5/8-11					
16	6035	WASHER,FLAT,USS,5/8",Y					
17	75124-S	ENGINE TRAY PIVOT ASSEMBLY.....	1				
		<i>to SN 475</i>					
--	75460	ENGINE TRAY PIVOT ASSEMBLY <i>from SN 476 to SN 772</i>					
--	89511-S	ENGINE TRAY ASSEMBLY <i>from SN 773</i>					
18	4828	NUT,NYLOCK,3/8-16					
19	5397	WASHER,FLAT,USS,5/16",Y					
20	8516	SCREW,HHC,3/8-16 X 1.50,GR5					
21	60778-S	FORMING,COVER STOP.....	1				
22	50974	BUMPER,RUBBER,COVERS.....	1				
23	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5					
24	6097	WASHER,FLAT,USS,3/8",Y					

421.1 Deutz BF4L-2011 / TD2011-L04i Engine - View 1 (from SN 921)



421.1 Deutz BF4L-2011 / TD2011-L04i Engine - View 1 (from SN 921)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	102114	HARNESS,DEUTZ ENGINE to SN 1028		7	102209P	FORMING,AIR CLEANER MOUNT PNTD.....	1
--	102708	HARNESS,ENGINE,DEUTZ BF4L2011 from SN 1029 to SN 1578		8	50787P	LEVER,GOVERNOR ACTUATOR,PTD*** from SN 2417	
--	122051	HARNESS,ENGINE,DEUTZ BF4L2011 from SN 1579 to 2588		8	70479P	FORMING,THROTTLE ARM PAINTED.....	1
--	122875	HARN,ENGINE T3,DEUTZ BF4L2011 from SN 2589		9	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5	
--	139612	KIT CB 15A T2 RPM SOLENOID 3W includes item 128829; to SN 2588		10	6097	WASHER,FLAT,USS,3/8",Y	
--	128829	CIRCUIT BRKR 15A TYPE 2 METAL from SN 2589		11	4828	NUT,NYLOCK,3/8-16	
--	101638	OPTION, SPARK ARREST		12	50974	BUMPER,RUBBER,COVERS.....	1
--	T114678	SHUTDOWN SOLENOID,12V, DEUTZ models from SN 2588 to 2871 must order harness p/n T113801 for first time replacement; from SN 2588		13	60778P	FORMING,COVER STOP.....	1
--	T113801	HARNESS,RELAY,FUEL SOLENOID from SN 2588 to 2871		14	8516	SCREW,HHC,3/8-16 X 1.50,GR5	
--	139624	SWITCH, OIL PRESSURE 1.5 BAR.....	1	15	5397	WASHER,FLAT,USS,5/16",Y	
		(replaced 65765)		16	6584	SCREW,SHS,10-24 X .625	
--	139666	KIT,OP SWITCH,DEUTZ		17	6638	WASHER,FLAT,USS,1/4"Y	
1	102210P	BAFFLE,AIR INTAKE,DEUTZ PAINTD.....	1	18	5365	NUT,NYLOCK,10-24	
2	111401	AIR BOX ASSEMBLY, DEUTZ, SERV.....	1	19	139322	THROTTLE LINKAGE, DSL from SN 2417	
		USA/Canada/Australia; to SN 2238		19	88512	THROTTLE LINK,DSL***.....	1
--	102218P	WELDMENT,AIR BOX,DEUTZ PAINTED Europe/Asia/South America; to SN 2238		20	70439P	FORMING,ENGINE MOUNT PAINTED.....	1
--	122266	WELDMENT, AIR BOX, DEUTZ Europe/Asia/South America; from SN 2239		21	22558	SCREW,HHC,M14 X 40MM,GR 8.8	
--	146053	AIR BOX ASSE, DEUTZ W/W DECAL USA/Canada/Australia; from SN 2239		22	49411	WASHER,FLAT,M14	
3	81468	MOUNTING BAND,AIR CLEANER.....	1	23	21130	CLEVIS YOKE-1/4-28,PLTD W/PIN.....	1
4	81467	AIR CLEANER,NELSON.....	1	24	21496	NUT,HEX,1/4-28	
--	62425	FILTER,AIR CLEANER, SUPERBOOM		25	101957	SOLENOID,THROTTLE,ASSY.TROMB..	1
5	22578	SCREW,HHC,M6 X 20MM,GR8.8		26	6091	NUT,NYLOCK,1/4-20	
6	49407	WASHER,LOCK,M6		27	6888	SCREW,HHC,1/4-20 X 1	
				28	139321	FORMING, SOLENOID MOUNT*** from SN 2417	
				28	70478P	FORMING,SOLENOID MOUNT PAINTED.....	1
						to SN 2416	
				29	44064	SCREW,HHC,M10 X 30MM,.....	9
						use wih flex plate 33024; to SN 1806	
				--	22699	WASHER,FLAT,M10,ZINC PLTD. use wih flex plate 33024; to SN 1806	
				--	62476	SCREW,SHC,M10X1.5X20MM (75090) use with coupler 128004; from SN 1807	

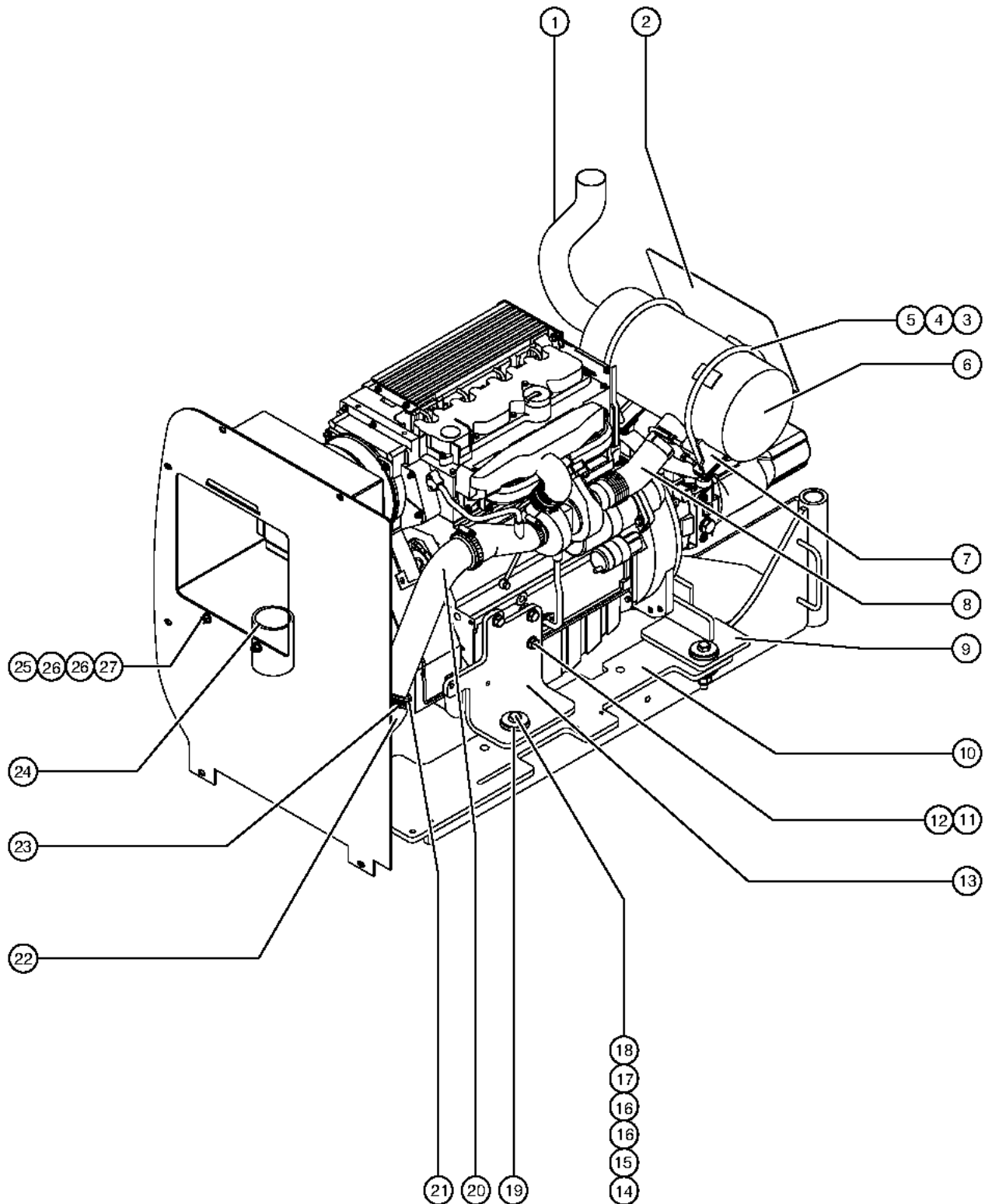
421.1 Deutz BF4L-2011 / TD2011-L04i Engine - View 1 (from SN 921) (continued)

Item	Part No.	Description	Qty.
30	60584	GROMMET,RUBBER .75 X .19 X 1**2 to SN 984	
31	102204P	FORMING,TEST PORT MTG.DEUTZ.....1 to SN 984	
32		Ref. Function Pump (refer to 711.1)	
33	70381	COVER,FLYWHEEL CASTING to SN 1806	
--	128004	COUPLER,15 TOOTH,FBA,SAE8*** from SN 1807	
--	128023	KIT,FBA STYLE COUPLER,SAE8 upgrade kit, replaces flex plate and coupler, includes coupler 128004	
--	33024	FLYWHEEL FLANGE,GREEN PLASTIC to SN 1806	
--	37003	COUPLER,HUB,15 TOOTH 7/16BOLT* from SN 1029 to 1806	
--	70451	COUPLER,HUB,14 TOOTH to SN 1028	
34		Ref. Drive Pump (refer to 711.1)	
35	30489	CLAMP,HOSE,3.50.....3	
36	85053	SCREW,HHC,M10 X 1.5 X70,GR 8.8	
37	70448P	FORMING,MUFFLER MOUNT.....1	
38	71911	CLAMP,MUFFLER, 2.50 INCH.....2	

421.1 Deutz BF4L-2011 / TD2011-L04i Engine - View 1 (from SN 921)
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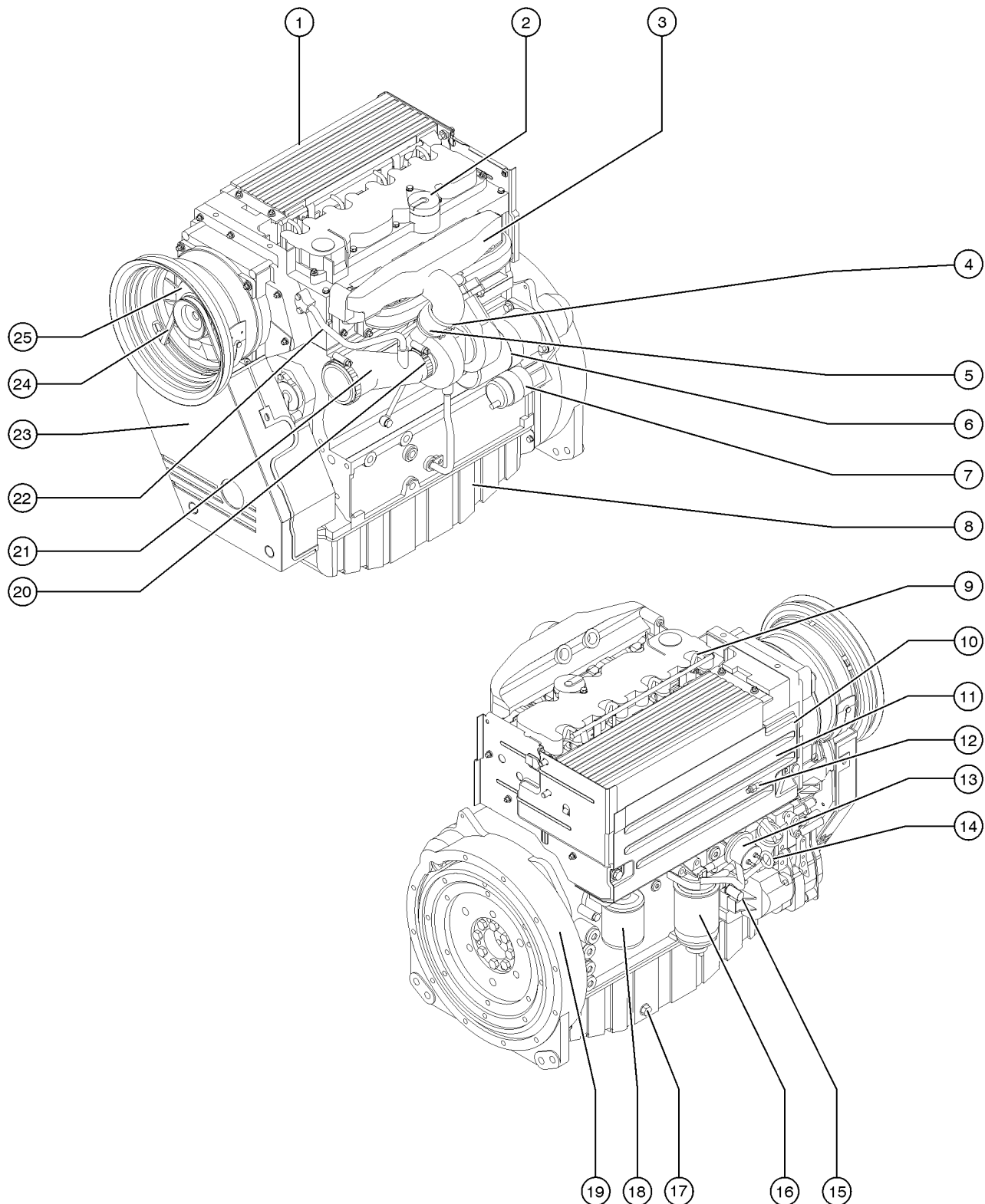
422.1 Deutz BF4L-2011 / TD2011-L04i Engine - View 2 (from SN 921)



422.1 Deutz BF4L-2011 / TD2011-L04i Engine - View 2 (from SN 921)

Item	Part No.	Description	Qty.
--	139983	EXHAUST PIPE GASKET	
1	70447	TAIL PIPE,DEUTZ.....	1
2	102237P	FORMING,HEAT SHIELD,MUFFLER.....	1
3	70449	U-BOLT,1/2-13 X 8.5	
4	66777	NUT,TOP LOCK,1/2-13	
5	13066	WASHER,FLAT,.5 HARDENED	
6	70444	MUFFLER,2.5"INLET/OUTLET.....	1
--	101634	MUFFLER,CATALYTIC,2.5 I/O	
7	70483	FORMING,8.5' MUFFLER MOUNT.....	2
8	70445	FLEX PIPE,EXHAUST,2.5" DIA.....	1
9	70440	WELDMENT,REAR ENGINE MOUNT.....	1
10		Ref. Engine Tray (refer to 424.2)	
11	22558	SCREW,HHC,M14 X 40MM,GR 8.8	
12	49411	WASHER,FLAT,M14	
13	70438P	FORMING,ENGINE MOUNT PAINTED.....	1
14	13003	SCREW,HHC,5/8-11 X 3.5 GRD.8...	4
15	33418	WASHER,FLAT,.625 X 2.25 X .15....	4
16	18596	WASHER,FLAT,1.56 X 2.5 X .061....	8
17	13064	WASHER,FLAT,.625 HARDENED....	4
18	6024	NUT,NYLOCK,5/8-11.....	4
19	102045	ISOLATOR,ENGINE VIBRATION....	4
20	102208	TUBE,AIR INTAKE,DEUTZ.....	1
21	88064	REDUCER,3" TO 2.75".....	1
22	60561	ELBOW,INLET,CUMMINS.....	1
23	30489	CLAMP,HOSE,3.50.....	3
24	106211-475	HOSE,RUBBER 3"ID X .25 BLACK.....	1
25	4828	NUT,NYLOCK,3/8-16	
26	5397	WASHER,FLAT,USS,5/16",Y	
27	6175	SCREW,HHC,3/8-16 X 1	

423.1 Deutz BF4L2011 / TD2011-L04i Engine - View 3 (from SN 921)



423.1 Deutz BF4L2011 / TD2011-L04i Engine - View 3 (from SN 921)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	121340	ENGINE KIT, DEUTZ TD2011L04i		12	T114678	SHUTDOWN SOLENOID,12V, DEUTZ.....1	
2	29557	CAP,OIL FILLER,DEUTZ,DIESEL***.....1				(replaced 32752) (must order cable assembly, 58256, if replacing 32752) (does not include o-ring)	
3	102590	EXHAUST MANIFOLD, DEUTZ F4L201.....1		--	45782	DIODE,6 AMP,200 PIV,BULK	
--	29559	GASKET,EXHAUST		--	58256	SOLENOID CABLE ASSY***	
4	102593	CLAMP, 3 INCH.....2		--	72255	CONNECTOR, DEUTZ FUEL SHUTOFF* (does not include diode, 45782)	
5	226106	RUBBER SLEEVES, TD 2011L04i.....1		13	58299	SENDING UNIT,OIL PRESS.,DEUTZ*.....1	
6	139709	STARTER, 12V.....1		14	49922	DIPSTICK - DEUTZ F4L1011F.....1 to SN 2187	
--	139621	KIT, HEAT GUARD, DEUTZ STARTER		--	102585	O-RING,DIPSTICK,DEUTZ F4L2011 use with item 49922; to SN 2187	
7	49915	SOLENOID-STARTR DEUTZF4L1011F*.....1		--	52352	DIPSTICK-F3L1011F (DEUTZ) from SN 2188	
8	102586	OIL PAN,DEUTZ F4L2011.....1		15	102497	PUMP,FUEL F3L 2011F DEUTZ.....1 to SN 1453	
9	102595	FUEL LINE-INJECTOR, DEUTZ BF4L.....4		--	111402	O-RING, FUEL LIFT PUMP	
--	102592	FUEL LINE, DEUTZ F4L2011		--	111668	PUMP,FUEL 2011 DEUTZ *** from SN 1454	
--	88091	FUEL RETURN,DAPCO 1/4"		16	29560	FILTER,FUEL/WTR SEP, DTZ 1008.....1	
--	102581	PUMP,FUEL INJ,DEUTZ BF4L20 class A injection pump; provide SN of engine to service to get correct injection pump (A, B, C, D)				Genie Genuine Part. See PN 1254826 for compatible aftermarket replacement.	
--	T108732	PUMP,FUEL INJ, DEUTZ BF4L20 class B injection pump; provide SN of engine to service to get correct injection pump (A, B, C, D)		--	1254826	FUEL FILTER W/SEP,DEUTZ,1008.....1	
--	T108733	PUMP,FUEL INJ, DEUTZ BF4L20 class C injection pump; provide SN of engine to service to get correct injection pump (A, B, C, D)				Genie Aftermarket Part. Filter for Deutz F3L 1011F Engine.	
--	T108734	PUMP,FUEL INJ, DEUTZ BF4L20 class D injection pump; provide SN of engine to service to get correct injection pump (A, B, C, D)		--	58566	FILTER HEAD (29560)	
--	89792	INJECTOR, FUEL(DEUTZ F3L2011F)		17	102587	PLUG,ENGINE OIL,DEUTZ F4L2011.....1	
--	102584	SEAL,INJECTOR,DEUTZ F4L2011		18	49924	FILTER,OIL,DEUTZ F4L1011F.....1	
--	102596	CYLINDER HEAD CVR.DEUTZ BF4L20				Genie Genuine Part. See PN 1255653 for compatible aftermarket replacement.	
--	102597	GASKET,CYL.COVR. DEUTZ BF4L201		--	1255653	FILTER,OIL,DEUTZ,REPLACEMENT.1	
--	102582	O-RING,FUEL INJEC PUMP DUTZ				Genie Aftermarket Part. Compatible with Genie Genuine Part 49924.	
10	102594	COVER, ENGINE,DEUTZ F4L2011.....1		19	102580	FLYWHEEL HOUSING DEUTZ F4L2011.....1	
11	111445	SENDING UNIT,OIL TEMP SWCH,DTZ.....1		20	30971	CLAMP,HOSE,3.00"	
				21	226103	INLET REDUCER, TD 2011L04i	
				22	226104	BREATHING PIPE, TD 2011L04i.....1	

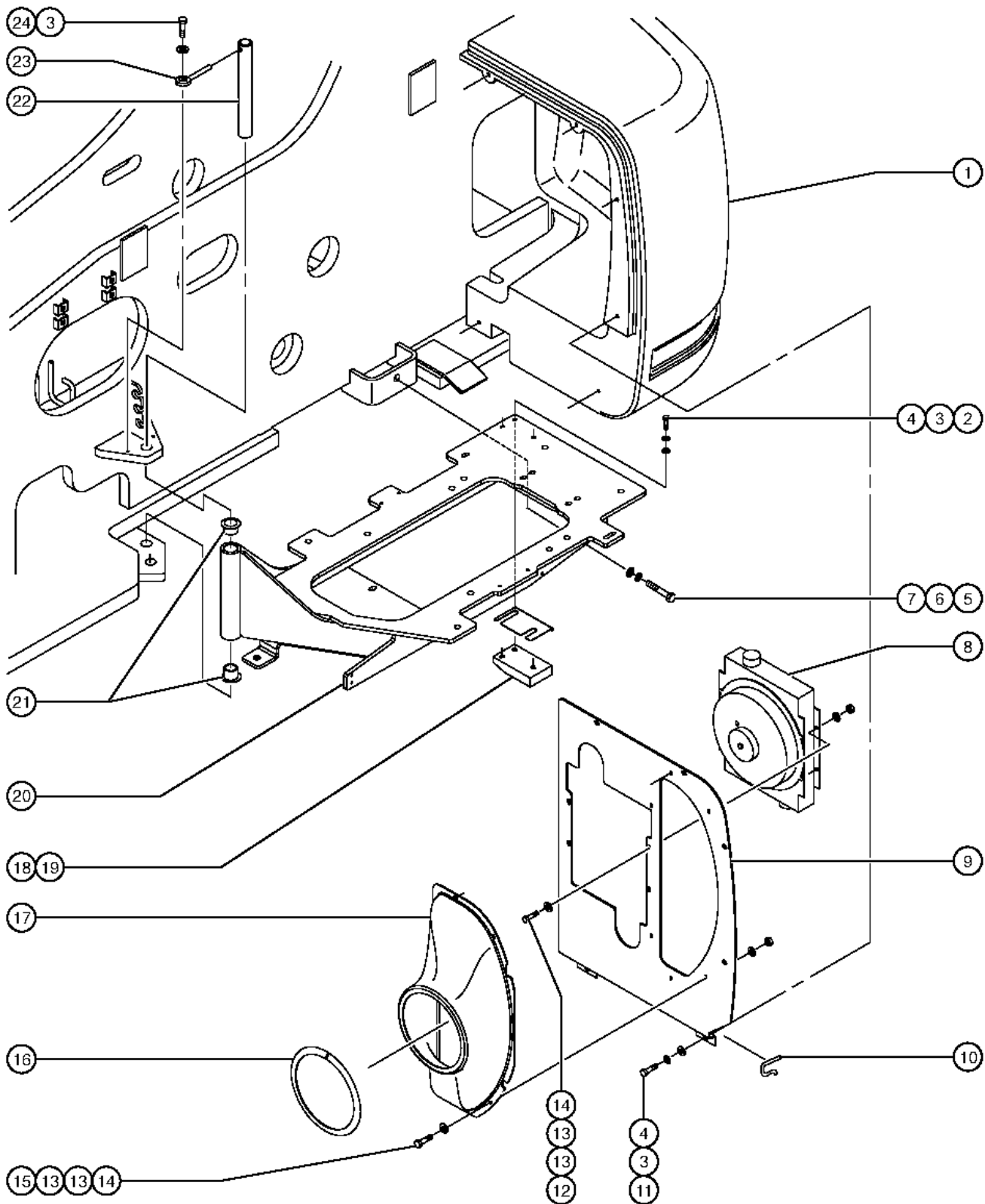
423.1 Deutz BF4L2011 / TD2011-L04i Engine - View 3 (from SN 921)
(continued)

Item	Part No.	Description	Qty.
--	226105	GASKET, BREATHER PIPE (226104)	
23	146061	V-BELT GUARD, DEUTZ 2011.....	1
24	102589	V-BELT, DEUTZ F4L2011..... <i>to 2238</i>	1
--	58630	V-BELT, DEUTZ TD2011LOAI <i>from SN 2239</i>	
25	58249	ALTERNATOR, DEUTZ,BF4L2011***.....	1

423.1 Deutz BF4L2011 / TD2011-L04i Engine - View 3 (from SN 921)
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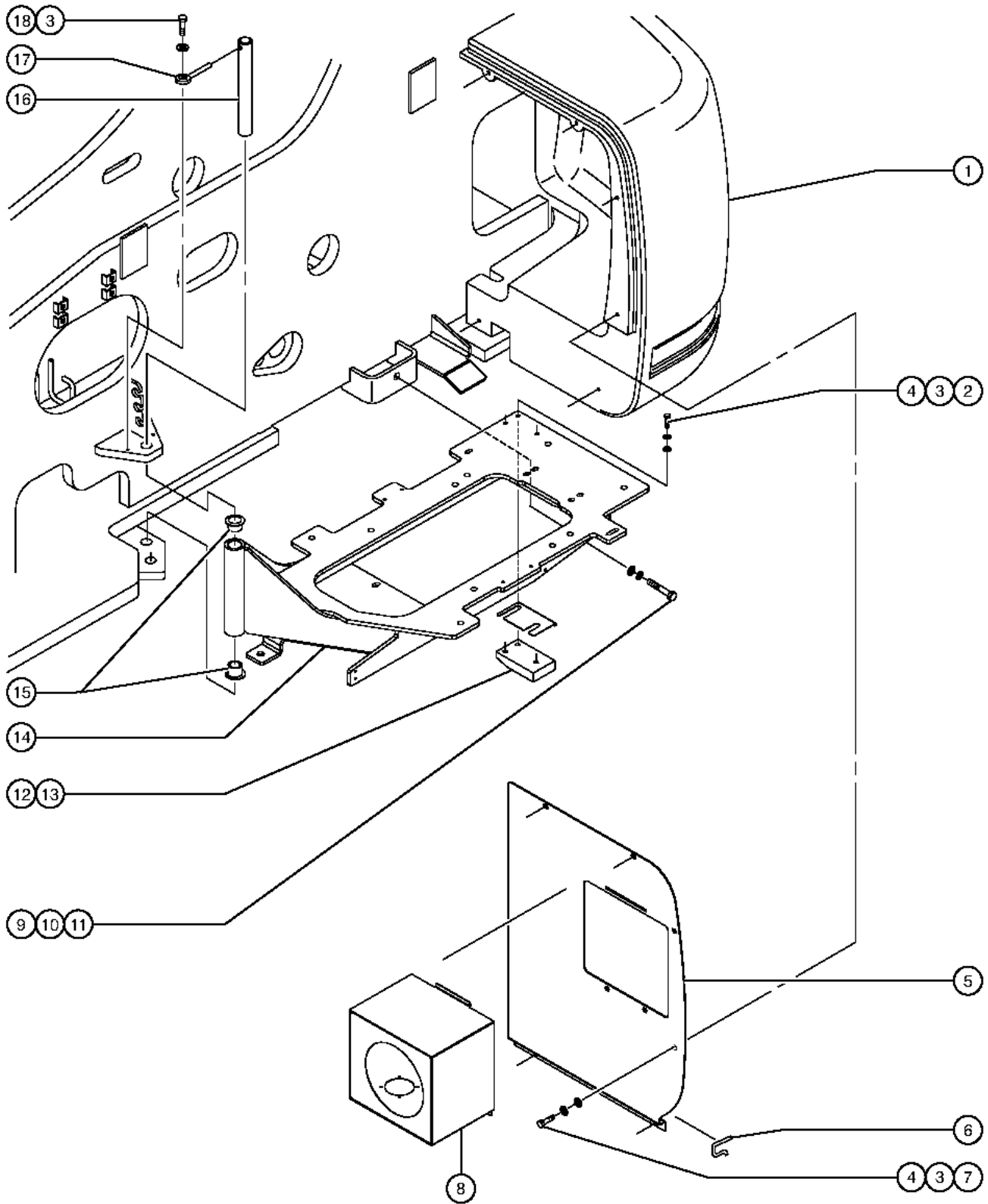
424.1 Deutz Engine Attached Components (to SN 920)



424.1 Deutz Engine Attached Components (to SN 920)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1		Ref. Counterweight, Front (refer to 408.1)		21	35675	BEARING,FL,1.25IDX1.5ODX1.25L.2	
2	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5		22	60625	PIN,1.25DIAX15.63LG,CHAMFER...1	
3	6021	WASHER,LOCK, .375		23	45226	ROD END, .375 X 3.69.....1	
4	5397	WASHER,FLAT,USS,5/16",Y		24	8516	SCREW,HHC,3/8-16 X 1.50,GR5	
5	51131	SCREW,HHC,5/8-11 X 2.5					
6	6036	WASHER,LOCK, .625 PLTD					
7	6035	WASHER,FLAT,USS,5/8",Y					
8	60507	OIL COOLER, W/FAN.....1 to SN 618					
--	71259	OIL COOLER W/FAN, 12VDC from SN 619					
--	75376	FAN,OIL COOLER 60507					
--	75854	FAN - VENTED					
--	75855	THERMOSTAT -OIL COOLER (71259)					
9	60992P	BULKHEAD,SWING CHASSIS DEUTZ.....1 to SN 618					
--	75969P	BULKHEAD,SWING CHASSIS DEUTZ from SN 619					
10	60875	TRIM MOLDING					
11	6175	SCREW,HHC,3/8-16 X 1					
12	42571	SCREW,HHC,1/4-20 X 3.25					
13	6638	WASHER,FLAT,USS,1/4"Y					
14	6091	NUT,NYLOCK,1/4-20					
15	6888	SCREW,HHC,1/4-20 X 1					
16	81476	TRIMLOCK, 1/16					
17	111326	FAN SHROUD DEUTZ,T1 W/WRD DECA.....1 USA/Canada/Australia					
--	60855	SHROUD,AIR COOLER INLET-DEUTZ Europe/Asia/South America					
18	60637	WEAR PAD,ENGINE SUPPORT.....1					
19	60826	SHIM,WEAR PAD ENGINE TRAY					
20	75124-S	ENGINE TRAY PIVOT ASSEMBLY.....1 includes item 21; to SN 475					
--	75460	ENGINE TRAY PIVOT ASSEMBLY includes item 21; from SN 476 to SN 772					
--	89511-S	ENGINE TRAY ASSEMBLY includes item 21; from SN 773					

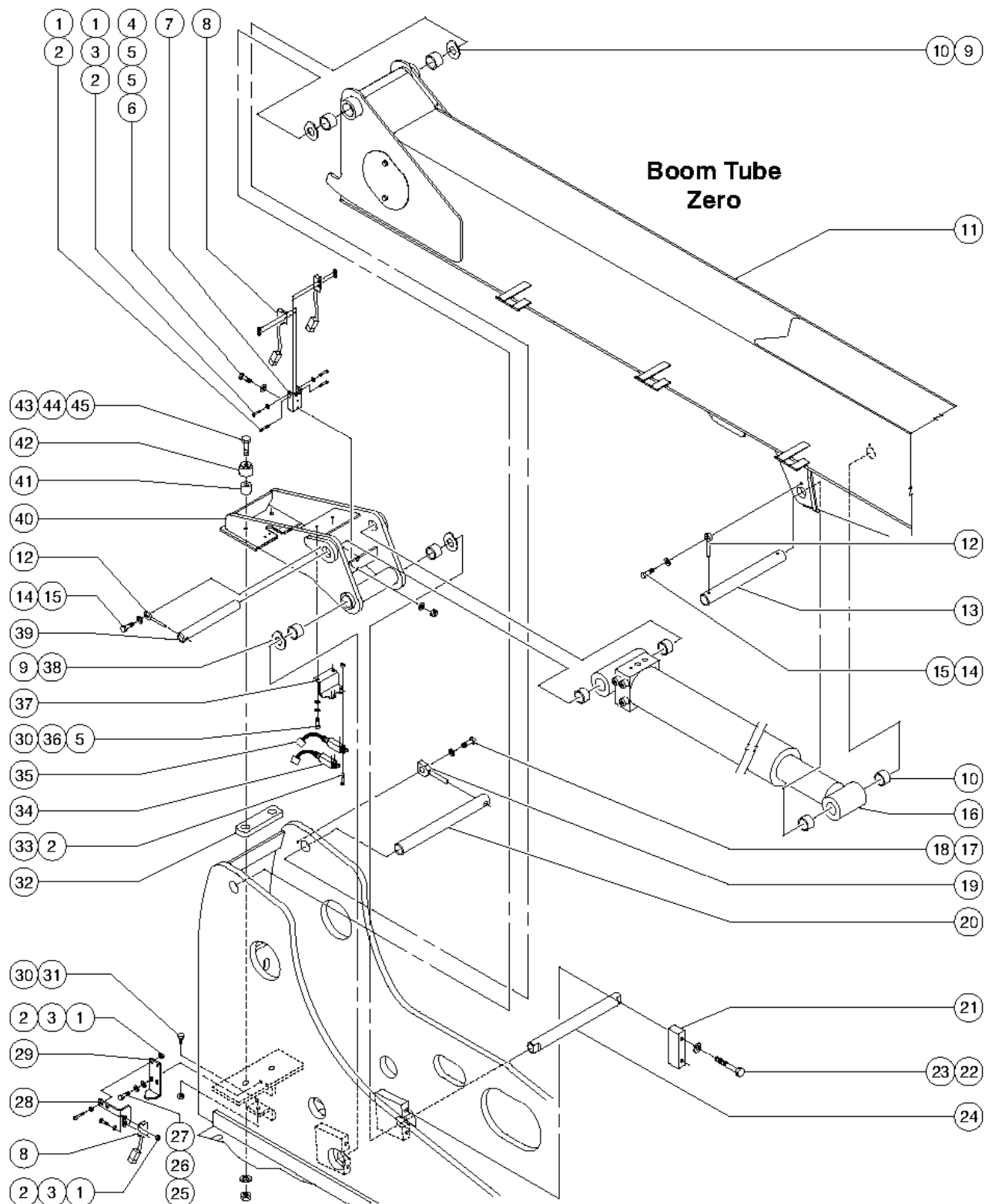
424.2 Deutz Engine Attached Components (from SN 921)



424.2 Deutz Engine Attached Components (from SN 921)

Item	Part No.	Description	Qty.
--		Ref. Hydraulic Oil Cooler With Fan (refer to 307.1)	
1		Ref. Counterweight, Front (refer to 408.1)	
2	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5	
3	6021	WASHER,LOCK,.,375	
4	5397	WASHER,FLAT,USS,5/16",Y	
5	102210P	BAFFLE,AIR INTAKE,DEUTZ PAINTD.....1	1
6	60875	TRIM MOLDING	
7	6175	SCREW,HHC,3/8-16 X 1	
8	111401	AIR BOX ASSEMBLY, DEUTZ, SERV.....1 <i>USA/Canada/Australia</i>	1
--	102218P	WELDMENT,AIR BOX,DEUTZ PAINTED <i>Europe/Asia/South America</i>	
9	51131	SCREW,HHC,5/8-11 X 2.5	
10	6036	WASHER,LOCK,.,625 PLTD	
11	6035	WASHER,FLAT,USS,5/8",Y	
12	60637	WEAR PAD,ENGINE SUPPORT.....1	1
13	60826	SHIM,WEAR PAD ENGINE TRAY	
14	89511-S	ENGINE TRAY ASSEMBLY.....1 <i>includes item 15; to SN 2238</i>	1
--	146054	ENGINE TRAY ASSEMBLY <i>from SN 2239</i>	
15	35675	BEARING,FL,1.25IDX1.5ODX1.25L.2	
16	60625	PIN,1.25DIAX15.63LG,CHAMFER...1	1
17	45226	ROD END,.,375 X 3.69.....1	1
18	8516	SCREW,HHC,3/8-16 X 1.50,GR5	

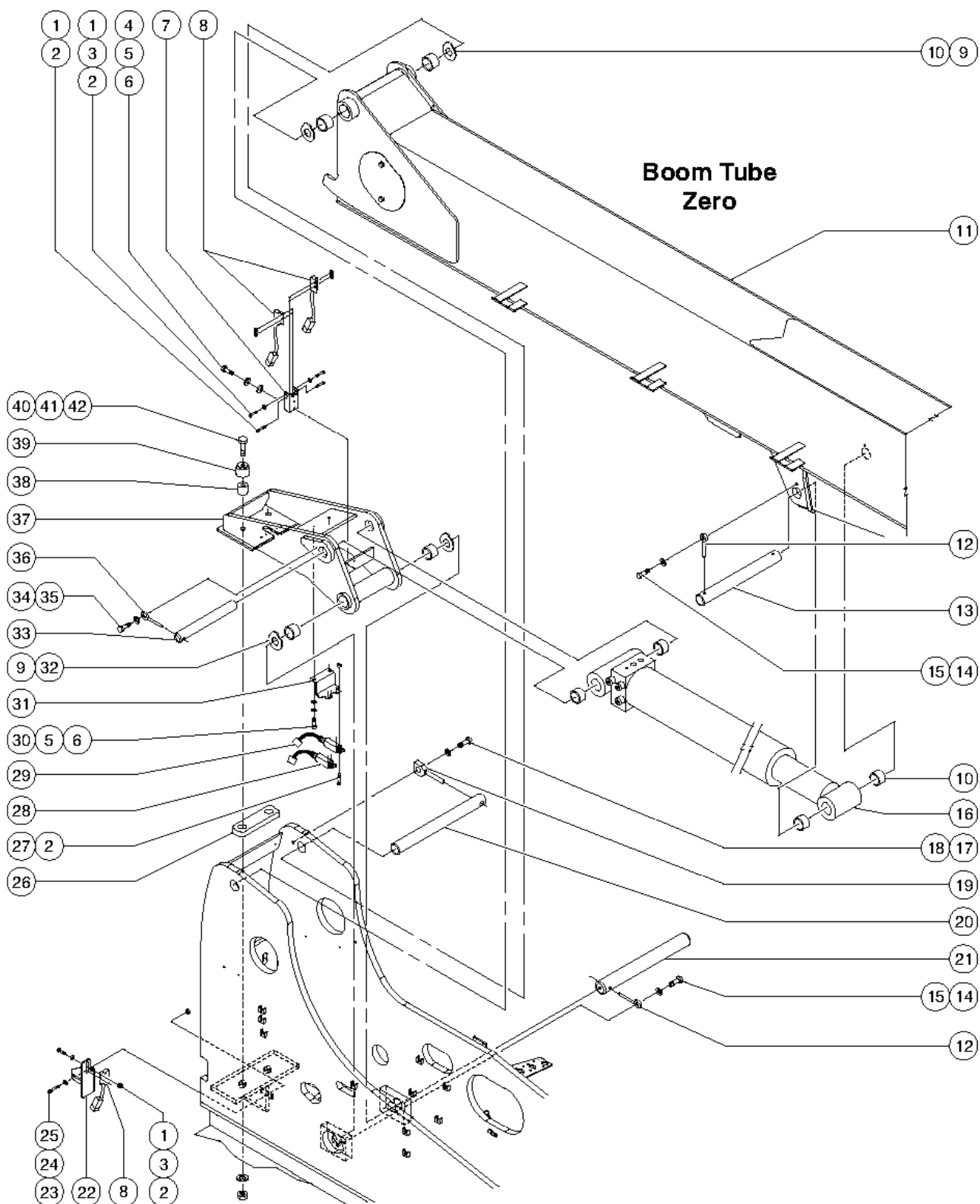
501.1 Boom Lift Cylinder (to SN 364)



501.1 Boom Lift Cylinder (to SN 364)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	49816	SCREW,PHILLIPS,PHM,10-32 X .75		25	6090	SCREW,HHC,1/4-20 X .75	
2	6178	NUT,NYLOCK,10-32		26	6356	WASHER,LOCK,,25	
3	6146	WASHER,FLAT,MS,#10,Y		27	6638	WASHER,FLAT,USS,1/4"Y	
4	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5		28	61735	FORMING,REVERSE LOAD SWITCH.....1	1
5	5397	WASHER,FLAT,USS,5/16",Y		29	61197-S	BRACKET,LIMIT SWITCH.....1	1
6	4828	NUT,NYLOCK,3/8-16		30	6175	SCREW,HHC,3/8-16 X 1	
7	61185	FORMING,LIMIT SWITCH MOUNT1	1	31	4828	NUT,NYLOCK,3/8-16	
8	60987	SWITCH,LIMIT,PROX(OPERATIONAL),3		32	60871	PAD,10 X 2 X 1 LIFT CYL.MNT.....1	1
9	60302	SHIM,BOOM PIVOT		33	51063	SCREW,PHILLIPS,RHM,10-32 X 1.5	
--	75096	SHIM,BOOM PIVOT,THIN		34	75033	LIMIT SWITCH,OPERATIONAL.....1	1
10	34131	BEARING,2.50IDX3.00ODX2.00L....6	6	--	53983	STRAIN RELIEF, PG13,5	
11	62460-S	BOOM TUBE ASSY #0 S120*.....1 <i>includes item 10</i>	1	--	75911	LIMIT SWITCH,OPERATION,NO WIRE	
--	227155	BOOM TUBE ASSY #0 S125 <i>includes item 10</i>		--	75912	WIRE ASSEMBLY,16/4SJO,9.5"RECP	
12	30418	ROD END,.50 X 4.....2	2	35	75032	LIMIT SWITCH,SAFETY.....1	1
13	60297	PIN,2.50DIAX11.00LG,1HOLE.....1	1	--	53983	STRAIN RELIEF, PG13,5	
14	8177	SCREW,HHC,1/2-13 X 1.5		--	75910	WIRE ASSEMBLY,16/4SJO,9.5"PLUG	
15	6033	WASHER,LOCK,0.5"		--	75913	LIMIT SWITCH, SAFETY,NO WIRE	
16	122522	KIT,SERVICE LIFT CYL REPL.....1 <i>Required for first time replacment of cylinder 50078, includes cylinder part 146324</i>	1	36	6021	WASHER,LOCK,,375	
--	146324	CYLINDER, PRIMARY LIFT		37	60825-S	FORMING,SWITCH MOUNTING.....1	1
--	60984	VALVE,COUNTERBALCBBD-LJN@5000.2 <i>use on retract side V2</i>		38	27698	BEARING,2.50IDX2.75ODX2.00L....2	2
--	61602	VALVE,COUNTERBALCBBD-LHN@3500 <i>use on extend side V3</i>		39	60300	PIN,LIFT CYL.BASE 2.50 X 17.75...1	1
--	62449	SEAL KIT,SUN "CWCA" CB VALVES*		40	75132-S	LIFT CYL.SUPPT.ASSY(LOAD MOMEN.....1	1
--	65792	SEAL KIT CYL.S100/120 (50078)		--	111327	LIFT CYL.SUPPT.ASSY <i>Europe/Asia/South America</i>	
--	75064	VALVE,COUNTERBALCWCG-LGN@5000.1 <i>use on extend side V1</i>		41	60693	SPRING,URETHANE,1 ID X 2.00 LG.....2	2
17	51428	SCREW,HHC,3/4-10 X 2.75		42	61591-S	WELDMENT,URETHANE SPRING CUP.....2	2
18	34550	WASHER,LOCK,,.75 PLTD		43	35974	SCREW,HHC,1-8 X 7 GRD.2	
19	61341	ROD END,.75 X 5.00.....1	1	44	61203-S	PLATE,URETHANE SPRING.....2	2
20	61340	PIN,PRI.BOOM PIVOT. 2.50X25.50.....1	1	45	29764	NUT,NYLOCK,1-8	
21	60690-S	RETAINER,MACHINED.....2	2				
22	34347	SCREW,HHC,3/4-10 X 4.5					
23	33278	WASHER,FLAT,.75 HARDENED.....4	4				
24	60296	PIN,2.50DIAX19.96LG,2FLAT.....1	1				

501.2 Boom Lift Cylinder (from SN 365 to 2709)



501.2 Boom Lift Cylinder (from SN 365 to 2709)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	49816	SCREW,PHILLIPS,PHM,10-32 X .75		12	30418	ROD END,.50 X 4.....	3
2	6178	NUT,NYLOCK,10-32		13	60297	PIN,2.50DIAX11.00LG,1HOLE.....	1
3	6146	WASHER,FLAT,MS,#10,Y		14	8177	SCREW,HHC,1/2-13 X 1.5	
4	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5		15	6033	WASHER,LOCK,0.5"	
5	6021	WASHER,LOCK,,.375		16	122522	KIT,SERVICE LIFT CYL REPL.....	1
6	5397	WASHER,FLAT,USS,5/16",Y				<i>Required for first time replacment of cylinder 50078, includes cylinder part 146324; to SN 2634</i>	
7	61185	FORMING,LIMIT SWITCH MOUNT.....	1	--	146324	CYLINDER, PRIMARY LIFT from SN 2635	
8	60987	SWITCH,LIMIT,PROX(OPERATIONAL),3		--	60984	VALVE,COUNTERBALCBBD-LJN@5000.2 use on retract side V2	
9	60302	SHIM,BOOM PIVOT		--	61602	VALVE,COUNTERBALCBBD-LHN@3500 use on extend side V3	
--	75096	SHIM,BOOM PIVOT,THIN		--	62449	SEAL KIT,SUN "CWCA" CB VALVES*	
10	34131	BEARING,2.50IDX3.00ODX2.00L....	6	--	65792	SEAL KIT CYL.S100/120 (50078)	
11A	62460-S	BOOM TUBE ASSY #0 S120*.....	1	--	75064	VALVE,COUNTERBALCWCG-LGN@5000.1 use on extend side V1	
		<i>includes item 10; USA/Canada/Australia; to SN 627</i>		17	51428	SCREW,HHC,3/4-10 X 2.75 to SN 522	
11B	227155	BOOM TUBE ASSY #0 S125 includes item 10; USA/Canada/Australia; to SN 627		--	33557	SCREW,HHC,3/4-10 X 2.00,GR5 from SN 523	
11C	102998	BOOM TUBE ASSY #0 S120,W/WORD includes item 10; USA/Canada/Australia; from SN 628 to SN 1429		18	34550	WASHER,LOCK,.75 PLTD	
11D	227156	BOOM TUBE ASSY #0 S125,W/WORD includes item 10; USA/Canada/Australia; from SN 628 to SN 1429		19	61341	ROD END,.75 X 5.00.....	1
11E	111409	BOOM TUBE ASSY #0 S120 W/WORD includes item 10; USA/Canada/Australia; from SN 1430		20	61340	PIN,PRI.BOOM PIVOT. 2.50X25.50.....	1
11F	227158	BOOM TUBE ASSY #0 S125 W/WORD includes item 10; USA/Canada/Australia; from SN 1430		21	75563	PIN,LOAD MOMENT.....	1
11G	102995	BOOM TUBE ASSY #0 S120 W/SYM includes item 10; Europe/Asia/South America; from SN 628 to SN 1429		--	75698	PIN,2.50DIAX22.00LG,THREADED from SN 420	
11H	227157	BOOM TUBE ASSY #0 S125,W/SYM includes item 10; Europe/Asia/South America; from SN 628 to SN 1429		22	61735	FORMING,REVERSE LOAD SWITCH.....	1
11J	111410	BOOM TUBE ASSY #0 S120 W/SYM includes item 10; Europe/Asia/South America; from SN 1430		23	6090	SCREW,HHC,1/4-20 X .75	
11K	227159	BOOM TUBE ASSY #0 S125 W/SYM includes item 10; Europe/Asia/South America; from SN 1430		24	6638	WASHER,FLAT,USS,1/4"Y	
				25	6091	NUT,NYLOCK,1/4-20	
				26	60871	PAD,10 X 2 X 1 LIFT CYL.MNT.....	1
				27	51063	SCREW,PHILLIPS,RHM,10-32 X 1.5	
				28	75033	LIMIT SWITCH,OPERATIONAL.....	1
				29	75032	LIMIT SWITCH,SAFETY.....	1
				30	6175	SCREW,HHC,3/8-16 X 1	
				31	60825-S	FORMING,SWITCH MOUNTING.....	1
				32	27698	BEARING,2.50IDX2.75ODX2.00L....	2
				33	60300	PIN,LIFT CYL.BASE 2.50 X 17.75... to SN 472	1

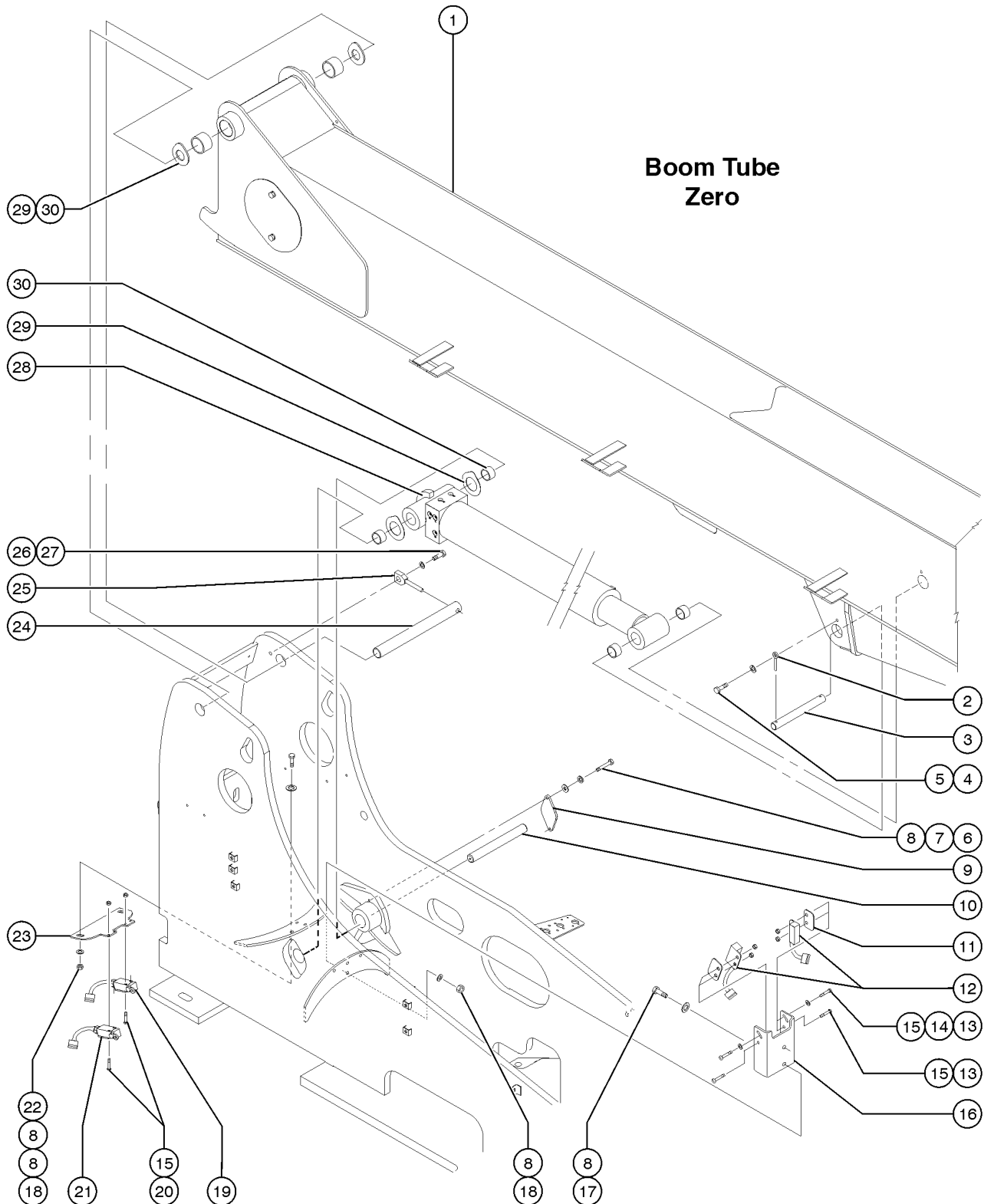
501.2 Boom Lift Cylinder (from SN 365 to 2709) (continued)

Item	Part No.	Description	Qty.
--	75717	PIN,2.50DIA X 17.75LG,THREADED <i>from SN 473</i>	
34	8177	SCREW,HHC,1/2-13 X 1.5 <i>to SN 472</i>	
--	33557	SCREW,HHC,3/4-10 X 2.00,GR5 <i>from SN 473</i>	
35	6033	WASHER,LOCK,0.5" <i>to SN 472</i>	
--	34550	WASHER,LOCK,.75 PLTD <i>from SN 473</i>	
36	30418	ROD END,.50 X 4.....1 <i>to SN 472</i>	1
--	61341	ROD END,.75 X 5.00 <i>from SN 473</i>	
37	75132-S	LIFT CYL.SUPPT.ASSY(LOAD MOMEN.....1 <i>USA/Canada/Australia; to SN 472</i>	1
--	102999	LIFT CYL.SUPPT.ASSY(LOAD MOMEN <i>Europe/Asia/South America</i>	
--	111327	LIFT CYL.SUPPT.ASSY <i>Europe/Asia/South America; to SN 472</i>	
--	75461	LIFT CYL.SUPPT.ASSY(LOAD MOMEN <i>USA/Canada/Australia; from SN 473</i>	
38	60693	SPRING,URETHANE,1 ID X 2.00 LG.....2	2
39	61591-S	WELDMENT,URETHANE SPRING CUP.....2	2
40	35974	SCREW,HHC,1-8 X 7 GRD.2	
41	61203-S	PLATE,URETHANE SPRING.....2	2
42	29764	NUT,NYLOCK,1-8	

501.2 Boom Lift Cylinder (from SN 365 to 2709)
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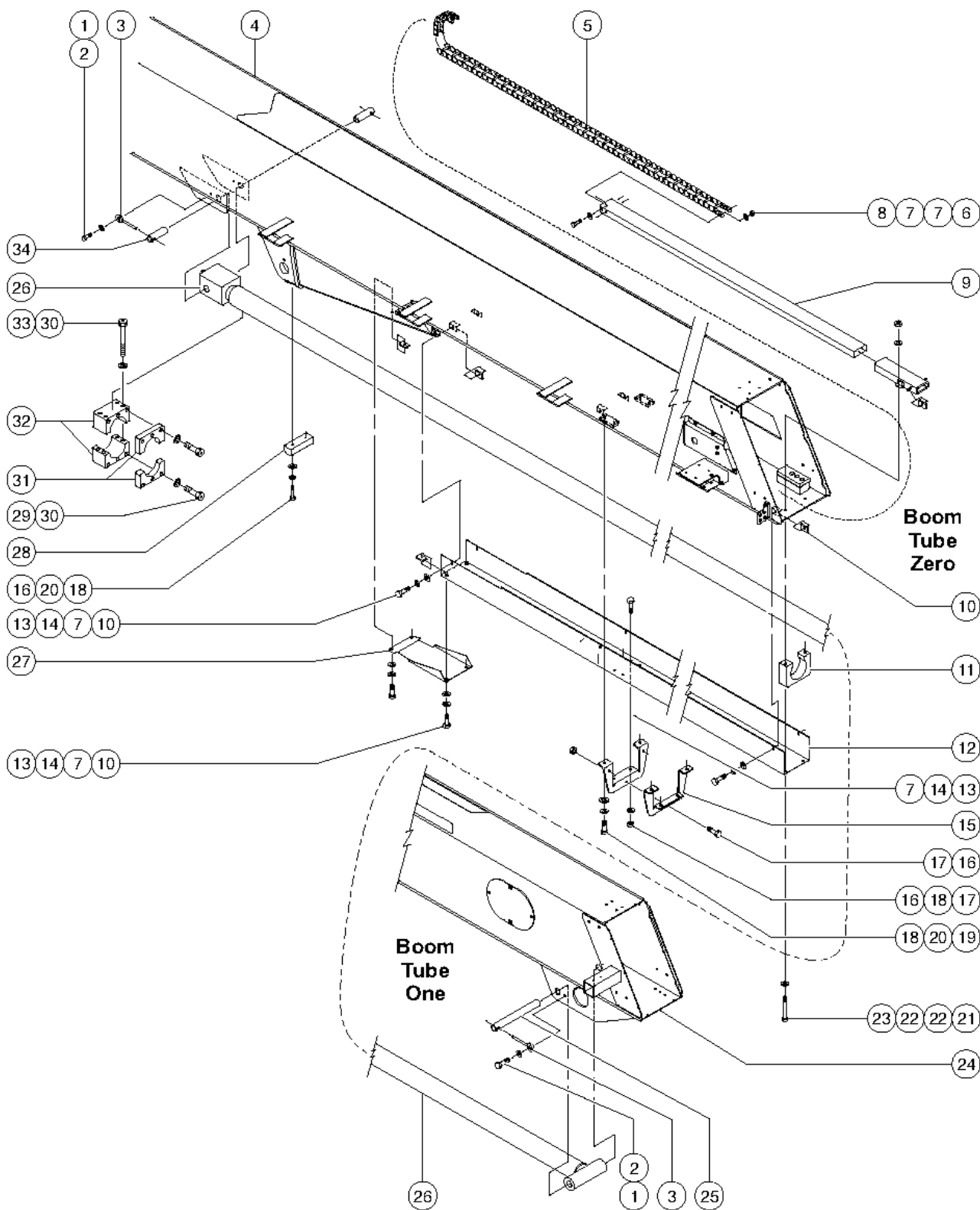
501.3 Boom Lift Cylinder (from SN 2710)



501.3 Boom Lift Cylinder (from SN 2710)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1A	111409	BOOM TUBE ASSY #0 S120 W/WORD <i>includes item 30; USA/Canada/Australia</i>		28	122522	KIT,SERVICE LIFT CYL REPL.....1 <i>Required for first time replacment of cylinder 50078, includes cylinder part 146324; to SN 2634</i>	
1B	227158	BOOM TUBE ASSY #0 S125 W/WORD <i>includes item 30; USA/Canada/Australia</i>		--	146324	CYLINDER, PRIMARY LIFT <i>from SN 2635</i>	
1C	111410	BOOM TUBE ASSY #0 S120 W/SYM <i>includes item 30; Europe/Asia/South America</i>		--	60984	VALVE,COUNTERBALCBBD-LJN@5000.2 <i>use on retract side, V2</i>	
1D	227159	BOOM TUBE ASSY #0 S125 W/SYM <i>includes item 30; Europe/Asia/South America</i>		--	61602	VALVE,COUNTERBAL.CBBB-LHN@3500 <i>use on extend side, V3</i>	
2	30418	ROD END,.50 X 4.....	3	--	62449	SEAL KIT,SUN "CWCA" CB VALVES*	
3	60297	PIN,2.50DIAX11.00LG,1HOLE.....	1	--	65792	SEAL KIT CYL.S100/120 (50078)	
4	8177	SCREW,HHC,1/2-13 X 1.5		--	75064	VALVE,COUNTERBALCWCG-LGN@5000.1 <i>use on extend side, V1</i>	
5	6033	WASHER,LOCK,0.5"		29	60302	SHIM,BOOM PIVOT	
6	5224	SCREW,HHC,3/8-16 X 2		30	34131	BEARING,2.50IDX3.00ODX2.00L....	6
7	6021	WASHER,LOCK,.375					
8	5397	WASHER,FLAT,USS,5/16",Y					
9	146089	PLATE, PIN RETAINER					
10	146091	PIN,2.50DIAX19.875LG,THREADED					
11	61233	SHIM,PROX SWITCH.....	2				
12	60987	SWITCH,LIMIT,PROX(OPERATIONAL).2					
13	49816	SCREW,PHILLIPS,PHM,10-32 X .75					
14	6146	WASHER,FLAT,MS,#10,Y					
15	6178	NUT,NYLOCK,10-32					
16	61185	FORMING,LIMIT SWITCH MOUNT.....	1				
17	8516	SCREW,HHC,3/8-16 X 1.50,GR5					
18	4828	NUT,NYLOCK,3/8-16					
19	75032	LIMIT SWITCH,SAFETY.....	1				
20	51063	SCREW,PHILLIPS,RHM,10-32 X 1.5					
21	75033	LIMIT SWITCH,OPERATIONAL.....	1				
22	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5					
23	146093	PLATE, LIMIT SWITCH MOUNT					
24	61340	PIN,PRI.BOOM PIVOT. 2.50X25.50.....	1				
25	61341	ROD END,.75 X 5.00.....	1				
26	34348	SCREW,HHC,3/4-10 X 3 GRD.8					
27	34550	WASHER,LOCK,.75 PLTD					

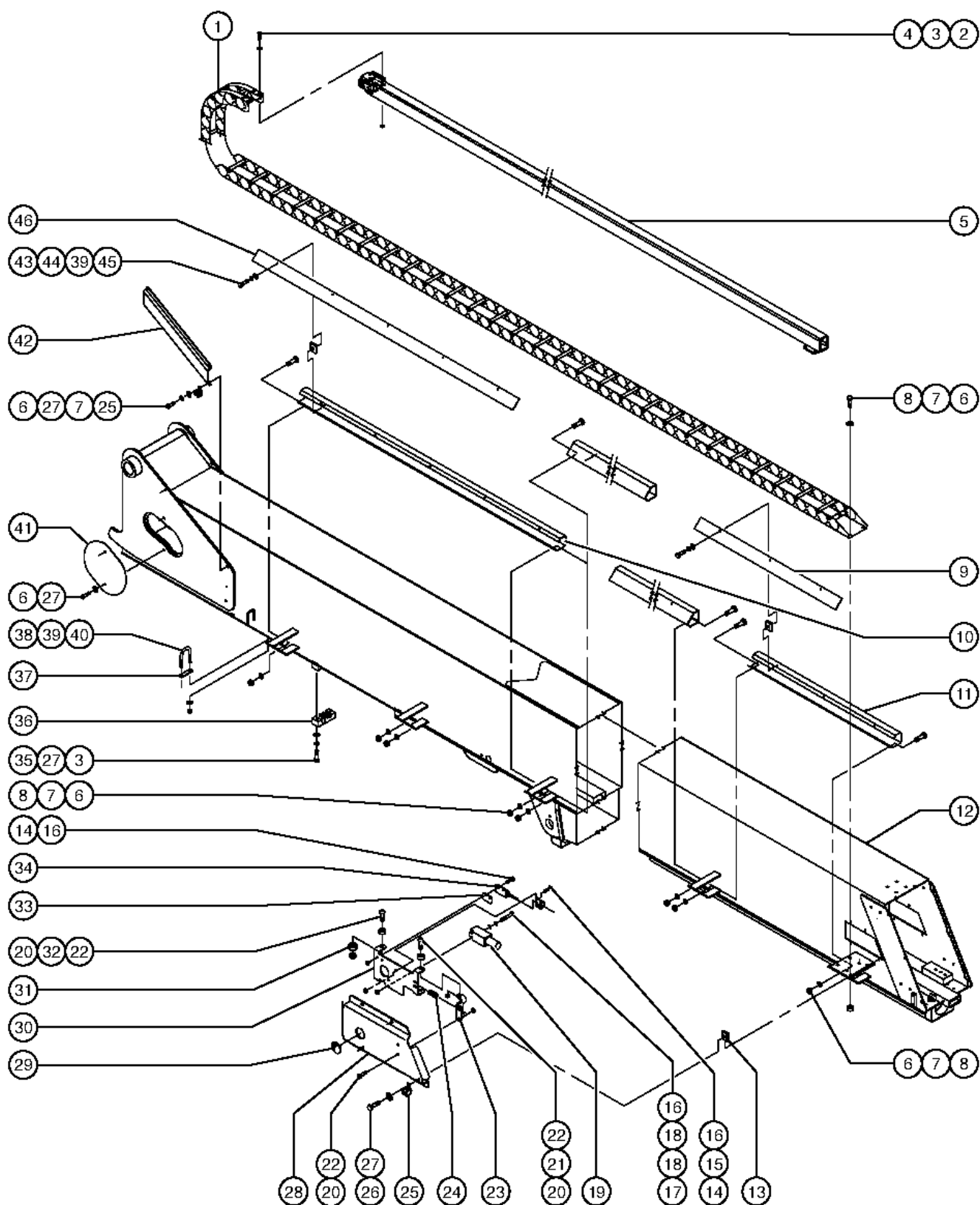
502.1 Secondary Extend Cylinder



502.1 Secondary Extend Cylinder

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	122334	STROKE LIMITER COLLAR,ASSY <i>includes items 29, 30, 31, 32 and 33; to SN 218</i>		16	6175	SCREW,HHC,3/8-16 X 1	
1	10587	SCREW,HHC,1/2-13 X.75		17	4828	NUT,NYLOCK,3/8-16	
2	6033	WASHER,LOCK,0.5"		18	6097	WASHER,FLAT,USS,3/8",Y	
3	30418	ROD END,.50 X 4.....	3	19	8255	SCREW,HHC,3/8-16 X .75	
4		Ref. Boom Tube Zero with Decals (refer to 501.1 - 501.3)		20	6021	WASHER,LOCK,.,375	
5A	60313	CABLE TRACK,STEEL 60 LINKS**..... <i>to SN 2719</i>	1	21	38601	SCREW,HHC,1/2-13 X 7.5	
--	62322	REPAIR LINK SET(60313) 4 LINK* <i>to SN 2719</i>		22	11209	WASHER,FLAT,USS,7/16",Y	
--	75401	REPAIR LINK END SET (60313) <i>to SN 2719</i>		23	6198	NUT,NYLOCK,1/2-13	
5B	122795	CABLE TRACK,STEEL,60 LINKS <i>from SN 2720</i>		24	75666-S	WELDMENT,EXTENSION BOOM #1.....	1
--	122796	REPAIR LINK SET(122795)4 LINK <i>from SN 2720</i>		25	60267	PIN,1.50DIA X 12.25LG,1HOLE.....	1
--	122797	REPAIR LINK END SET(122795) <i>from SN 2720</i>		26	50099	CYLINDER,SECONDARY EXTEND.....	1
6	14297	SCREW,BHHS,1/4-20 X .75		--	111176	VALVE,COUNTERBAL 1:1,900 PSI	
7	6638	WASHER,FLAT,USS,1/4"Y		--	60329	SEAL KIT CYL.S100/120 (50099)	
8	6090	SCREW,HHC,1/4-20 X .75		--	60331	VALVE,COUNTERBAL.CWCA-LIN@600	
9	60260	WELDMENT,INNER CABLETRACK TUBE.....	1	--	62449	SEAL KIT,SUN "CWCA" CB VALVES*	
10	56912	SPRING CLIP,1/4-20,.025-.15X.5		--	75424	SEAL KIT,SUN "CWEA" CB VALVES	
11	60207	WEAR PAD,PRI.EXT.CYL.SUPPORT.....	1	27	60962	FORMING,LOWER COVER.....	1
12	62461-S	COVER,PRI.EXT.CYLINDER COVER..... <i>USA/Canada/Australia; to SN 3191</i>	2	28	75011	BOOM #0 REST PAD.....	1
--	229344	COVER,PRI.EXT.CYL W/WORD DEC <i>USA/Canada/Australia; from SN 3192</i>		29	75092	SCREW,SHC,5/16-18 X .75 GR5.....	6
--	229345	COVER,PRI.EXT.CYL W/SYM DEC <i>Europe/Asia/South America: from SN 3192</i>		30	6886	WASHER,LOCK,.,313	
--	60266-S	FORMING,SECONDARY EXT.CYL CVR <i>Europe/Asia/South America; to SN 3191</i>		31	75080	CUSHION,STROKE LIMITER COLLAR..... <i>to SN 218</i>	1-pair
13	6888	SCREW,HHC,1/4-20 X 1		32	75079	STROKE LIMITER COLLAR..... <i>to SN 218</i>	1-pair
14	6356	WASHER,LOCK,.,25		--	75413	STROKE LIMITER COLLAR <i>from SN 219</i>	
15	60960P	FORMING,LOWER COVER SUP,PAINT.....	2	33	75091	SCREW,SHC,3/8-16 X 4 GR 5.....	4
				34	60224	PIN,1.50DIA X 2.75LG,THREADED...	2

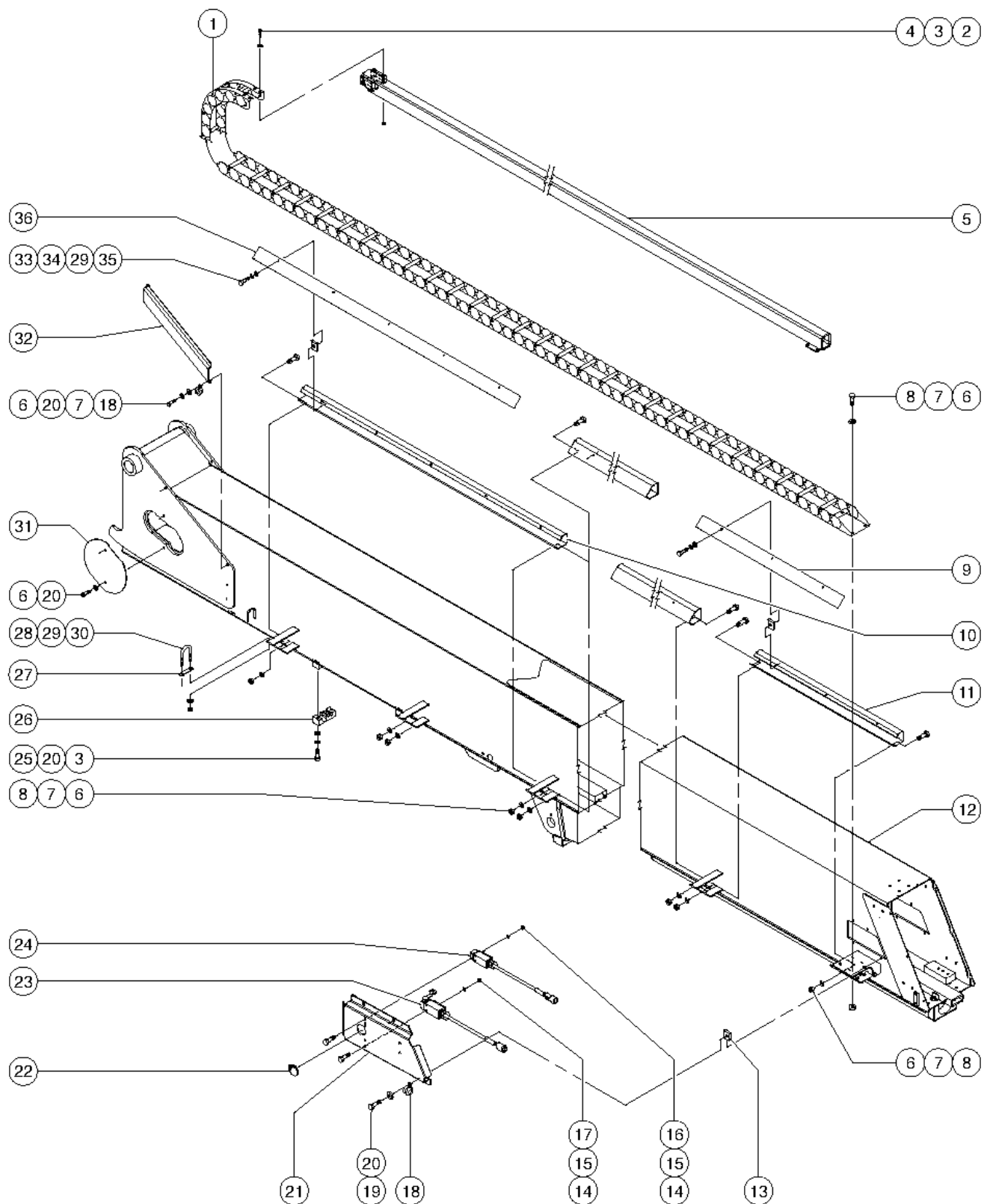
503.1 Boom Tube Zero, Cable Track (to SN 627)



503.1 Boom Tube Zero, Cable Track (to SN 627)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	102051	CABLE TRACK,STEEL 84 LINKS....1		27	6021	WASHER,LOCK,,375	
--	102000	CROSSBAR,STEEL,CABLE TRACK <i>USA/Canada/Australia</i>		28	60852	COVER,LOWER BOOM LIMIT SWITCH.....1	
--	102001	CROSSBAR W/ TWO SEPARATORS <i>Europe</i>		29	21187	PLUG,NYLON 1.38 BLACK DOMED.....1	
--	102002	SEPARATORS,ALUM,CABLE TRACK <i>Europe</i>		30	61230	SWITCH MOUNT LOWER BOOM...1	
--	61209	CLAMP,WIRE/HOSE,CABLE TRACK		31	61232	ROLLER,LIMIT SWITCH FLOAT....2	
--	61210	CLAMP, WELD,CABLE TRACK		32	61253	BUSHING,FLANGE,,313 X.25 X.25.....2	
--	62320	REPAIR LINK/SINGLE(60174/75)		33	61233	SHIM,PROX SWITCH	
--	75402	REPAIR LINK END SET (60174&75)		34	60987	SWITCH,LIMIT,PROX(OPERATIONAL).1	
--	83007	CABLE TRACK ROLLER&BKT KIT SB		--	75769	LIMIT SWITCH, OPERATION,LSB2RO <i>can order separately if update kit 75735 was initially installed, (refer to 507.1)</i>	
2	14033	SCREW,HHC,3/8-16 X 2.75		35	5224	SCREW,HHC,3/8-16 X 2	
3	6097	WASHER,FLAT,USS,3/8",Y		36	60808	CLAMP,HOSE,SEC. EXTENSION CYL.....3	
4	4828	NUT,NYLOCK,3/8-16		37	75066	HOSE,WEAR PAD.....1	
5	60245	WLD MNT,CABLE TRACK GUIDE LONG*.....1		38	75065	HOSE CLAMP,WEAR PAD.....1	
6	8255	SCREW,HHC,3/8-16 X .75		39	6638	WASHER,FLAT,USS,1/4"Y	
7	5397	WASHER,FLAT,USS,5/16",Y		40	6782	NUT,NYLOCK,5/16-18	
8	7713	NUT,LP NYLOCK,3/8-16		41	60256-S	COVER,BOOM SIDE.....2	
9	60866	COVER,HOSE TRAY.....1		42	60822-S	COVER,HOSE.....1	
10	60342	TRAY,HOSE,84".....3		43	6090	SCREW,HHC,1/4-20 X .75	
11	60863	TRAY,HOSE,45.5".....1		44	6356	WASHER,LOCK,,25	
12		Ref. Boom Tube Zero with Decals (refer to 501.1 and 501.2)		45	56912	SPRING CLIP,1/4-20,.025-.15X.5	
13	29868	SPRING CLIP,3/8-16		46	60829	COVER,HOSE TRAY,84".....3	
14	49819	SCREW,PHILLIPS,PHM,10-32 X .5					
15	61255	CLAMP,NYLON LOOP.....1					
16	6178	NUT,NYLOCK,10-32					
17	51063	SCREW,PHILLIPS,RHM,10-32 X 1.5					
18	6607	WASHER,LOCK,#10 PLTD					
19	75030	LIMIT SWITCH,SAFETY.....1					
20	14297	SCREW,BHHS,1/4-20 X .75					
21	61254	BUSHING,FLANGE,,313 X.25 X.375.....2					
22	6889	NUT,LP NYLOCK,1/4-20					
23	61231	BRACKET,SWITCH PIVOT.....1					
24	61252	SPRING-COMP,1.13"X.75ODX.50ID.1					
25	60838	CLAMP,1.00,#16 X 7/16,RUB CUSH.....2					
26	6175	SCREW,HHC,3/8-16 X 1					

503.2 Boom Tube Zero, Cable Track (from SN 628)



503.2 Boom Tube Zero, Cable Track (from SN 628)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	102051	CABLE TRACK,STEEL 84 LINKS....1 to SN 880		--	102214	REPAIR LINK W/ ROLLER from SN 1430	
--	102000	CROSSBAR,STEEL,CABLE TRACK USA/Canada models; to SN 880		--	102215	BRACKET,CABLE TRACK,FIXED END* from SN 1430	
--	102001	CROSSBAR W/ TWO SEPARATORS Europe; to SN 880		--	102216	BRACKET,CABLE TRACK,MOVING END from SN 1430	
--	102002	SEPARATORS,ALUM,CABLE TRACK Europe; to SN 880		--	111995	HOSE AND CABLE CLAMP,STD from SN 1430 to 2709	
--	61209	CLAMP,WIRE/HOSE,CABLE TRACK to SN 880		--	111996	HOSE AND CABLE CLAMP,STD, TOP from SN 1430 to 2709	
--	61210	CLAMP, WELD,CABLE TRACK to SN 880		--	111997	OPT,HOSE AND CABLE CLAMP from SN 1430	
--	62320	REPAIR LINK/SINGLE(60174/75) to SN 880		--	122034	KIT,SERVICE,CLAMP MOUNTS from SN 1430	
--	75402	REPAIR LINK END SET (60174&75) to SN 880		--	122114	KIT,2 LINK REPAIR W/HARDWARE from SN 1430	
--	83007	CABLE TRACK ROLLER&BKT KIT SB to SN 880		--	146476	HOSE AND CABLE CLAMP, STD from SN 2710	
1A	102051	CABLE TRACK,STEEL 84 LINKS....1 from SN 881 to SN 1429		--	146477	HOSE AND CABLE CLAMP, STD, TOP from SN 2710	
--	102211	CROSSBAR ALUM W/SELF TAP SCREW from SN 881 to SN 1429		2	14033	SCREW,HHC,3/8-16 X 2.75	
--	102212	SELF-TAP SCREW, CABLE TRACK from SN 881 to SN 1429		3	6097	WASHER,FLAT,USS,3/8",Y	
--	102213	REPAIR LINK W/HARDWARE from SN 881 to SN 1429		4	4828	NUT,NYLOCK,3/8-16	
--	102214	REPAIR LINK W/ ROLLER from SN 881 to SN 1429		5	60245	WLDMNT,CABLE TRACK GUIDE LONG*1	
--	102215	BRACKET,CABLE TRACK,FIXED END* from SN 881 to SN 1429		6	8255	SCREW,HHC,3/8-16 X .75	
--	102216	BRACKET,CABLE TRACK,MOVING END from SN 881 to SN 1429		7	5397	WASHER,FLAT,USS,5/16",Y	
--	61209	CLAMP,WIRE/HOSE,CABLE TRACK from SN 881 to SN 1429		8	7713	NUT,LP NYLOCK,3/8-16	
--	61210	CLAMP, WELD,CABLE TRACK from SN 881 to SN 1429		9	60866	COVER,HOSE TRAY1	
1B	102051	CABLE TRACK,STEEL 84 LINKS....1 from SN 1430		10	60342	TRAY,HOSE,84"3	
--	102211	CROSSBAR ALUM W/SELF TAP SCREW from SN 1430		11	60863	TRAY,HOSE,45.5"1	
--	102212	SELF-TAP SCREW, CABLE TRACK from SN 1430		12		Ref. Boom Tube Zero with Decals (refer to 501.2 and 501.3)	
				13	29868	SPRING CLIP,3/8-16	
				14	6178	NUT,NYLOCK,10-32	
				15	6146	WASHER,FLAT,MS,#10,Y	
				16	51063	SCREW,PHILLIPS,RHM,10-32 X 1.5	
				17	54239	SCREW,PHILLIPS,PHM,10-32 X 2.0	
				18	60838	CLAMP,1.00,#16 X 7/16,RUB CUSH	
				19	6175	SCREW,HHC,3/8-16 X 1	
				20	6021	WASHER,LOCK,.375	

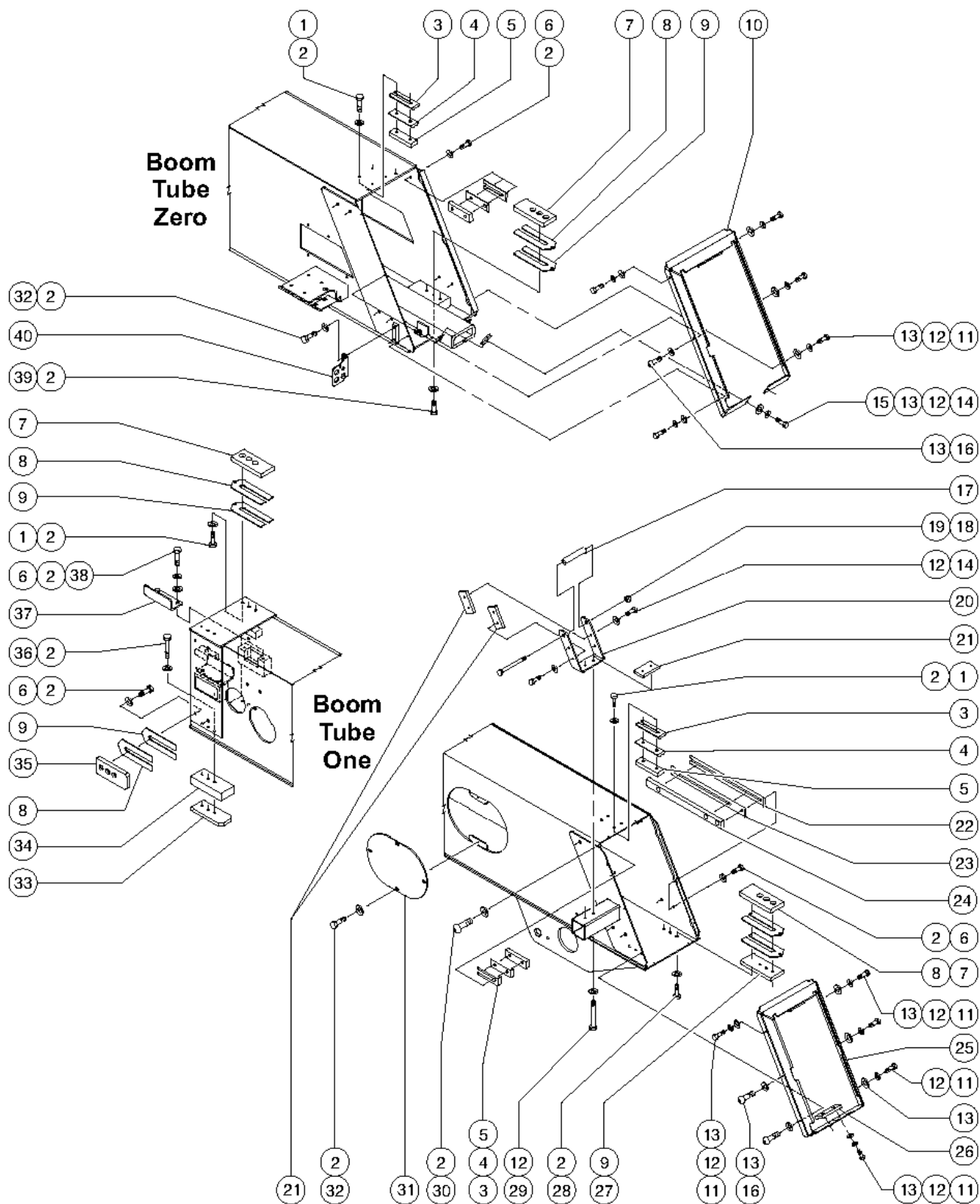
503.2 Boom Tube Zero, Cable Track (from SN 628) (continued)

Item	Part No.	Description	Qty.
21	89104P	Limit Switch Cover.....	1
22	21187	PLUG,NYLON 1.38 BLACK DOMED.....	1
		<i>to SN 673</i>	
23	75030	LIMIT SWITCH,SAFETY.....	1
		<i>to SN 2709</i>	
--	110771-74BJ9	SWITCH,LIMIT,ROLLER NO/NC GOLD <i>from SN 2710</i>	
--	128636	ROLLER,ARM,LIMIT SWITCH,ZCY500 <i>from SN 2710</i>	
--	146198	LIMIT SWITCH,SAFETY <i>from SN 2710</i>	
--	146325	CONN.SQZ,PG 11,.34-.47,W/ORING <i>from SN 2710</i>	
24	75769	LIMIT SWITCH, OPERATION,LSB2RO.....	1
25	5224	SCREW,HHC,3/8-16 X 2	
26	60808	CLAMP,HOSE,SEC. EXTENSION CYL.....	3
--	122521	CLAMP,HOSE,ARCTIC <i>(Arctic hose option)</i>	
27	75066	HOSE,WEAR PAD.....	1
28	75065	HOSE CLAMP,WEAR PAD.....	1
29	6638	WASHER,FLAT,USS,1/4"Y	
30	6782	NUT,NYLOCK,5/16-18	
31	60256-S	COVER,BOOM SIDE.....	2
32	60822-S	COVER,HOSE.....	1
33	6090	SCREW,HHC,1/4-20 X .75	
34	6356	WASHER,LOCK,.25	
35	56912	SPRING CLIP,1/4-20,.025-.15X.5	
36	60829	COVER,HOSE TRAY,84"	

503.2 Boom Tube Zero, Cable Track (from SN 628)
(continued)

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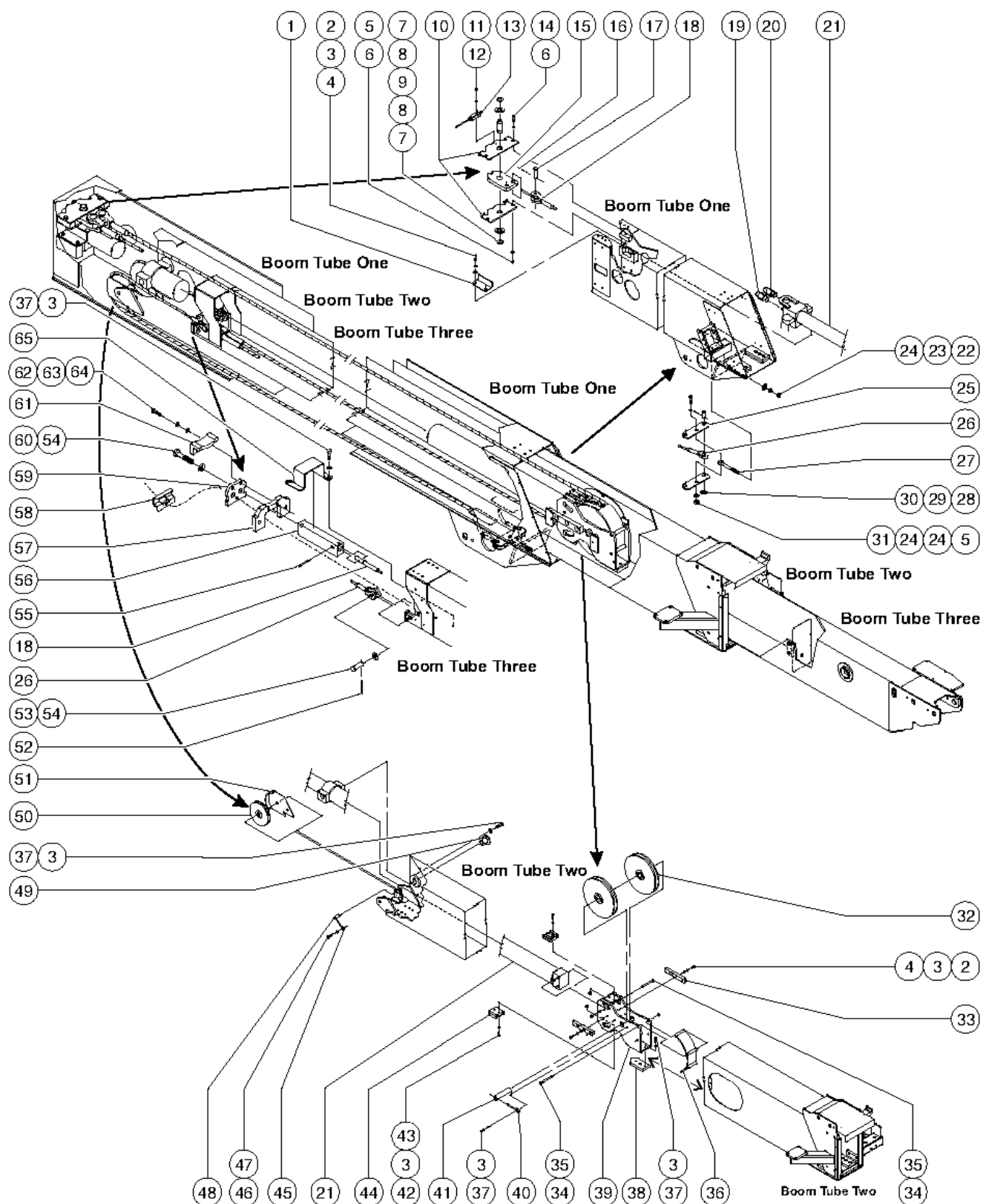
504.1 Boom Tube Zero and Boom Tube One



504.1 Boom Tube Zero and Boom Tube One

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--		Ref. Boom Tube One (refer to 502.1)		30	57072	SCREW,BHHS,3/8-16 X 1.25	
1	6175	SCREW,HHC,3/8-16 X 1		31	60177-S	COVER,BOOM SIDE, PAINTED.....2	
2	6021	WASHER,LOCK,,.375		32	8255	SCREW,HHC,3/8-16 X .75	
3	29080	SHIM,WEAR PAD,5X 1.5 16GA		33	50246	WEAR PAD.....2	
4	38620	SHIM,WEAR PAD,5 X 1.5,14GA		34	60691	SPACER,WEAR PAD.....2	
5	34125	WEAR PAD,5 X 1.5 X .75 W/NUTS.....12 to SN 300		35	60239	WEAR PAD,7 X 3 X.625 W/INSERT.....4	
--	73461	WEAR PAD,5 X 1.5 X .875 W/NUTS.....14 from SN 301		36	6708	SCREW,HHC,3/8-16 X 2.25	
6	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5		37	60335-S	FORMING,CYLINDER RETAINER.....2	
7	50245	WEAR PAD,7 X 3 X.75 W/NUTS.....6		38	6097	WASHER,FLAT,USS,3/8",Y	
8	60840	SHIM,WEAR PAD,7 X 3,16GA		39	8178	SCREW,HHC,3/8-16 X 2.5	
9	60304	SHIM,WEAR PAD,7 X 3,12GA		40	60849P	BRACKET,BULKHEAD,PAINTED.....1	
10	60158	COVER MAST #1.....1					
11	8914	SCREW,HHC,1/4-20 X .625					
12	6356	WASHER,LOCK,,.25					
13	6638	WASHER,FLAT,USS,1/4"Y					
14	6090	SCREW,HHC,1/4-20 X .75					
15	56912	SPRING CLIP,1/4-20,.025-.15X.5					
16	14297	SCREW,BHHS,1/4-20 X .75					
17	34243-500	TUBE,UHMW, 1 X .25.....1					
18	6198	NUT,NYLOCK,1/2-13					
19	12460	SCREW,HHC,1/2-13 X 6.5					
20	60247P	FORM,CABLE TRACK TUBE GUIDE,PT.....1					
21	45209	WEAR PAD,4X2X.5 W/INSERT***.....3					
22	89847	SHIM,SIDE WEAR PAD,20X2,16GA**.....2					
23	89846	SHIM,SIDE WEAR PAD,20X2,14GA**.....2					
24	34125	WEAR PAD,5 X 1.5 X .75 W/NUTS.....2 to SN 794					
--	89845	WEAR PAD,20X 1.5X.875 W/INST** from SN 795					
25	60157	COVER MAST #2.....1					
26	61099-S	RETAINER,MAST COVER.....1					
27	60222	SPACER,WEAR PAD.....2					
28	14033	SCREW,HHC,3/8-16 X 2.75					
29	50160	SCREW,HHC,1/4-20 X 3.75					

505.1 Primary Extend Cylinder



505.1 Primary Extend Cylinder

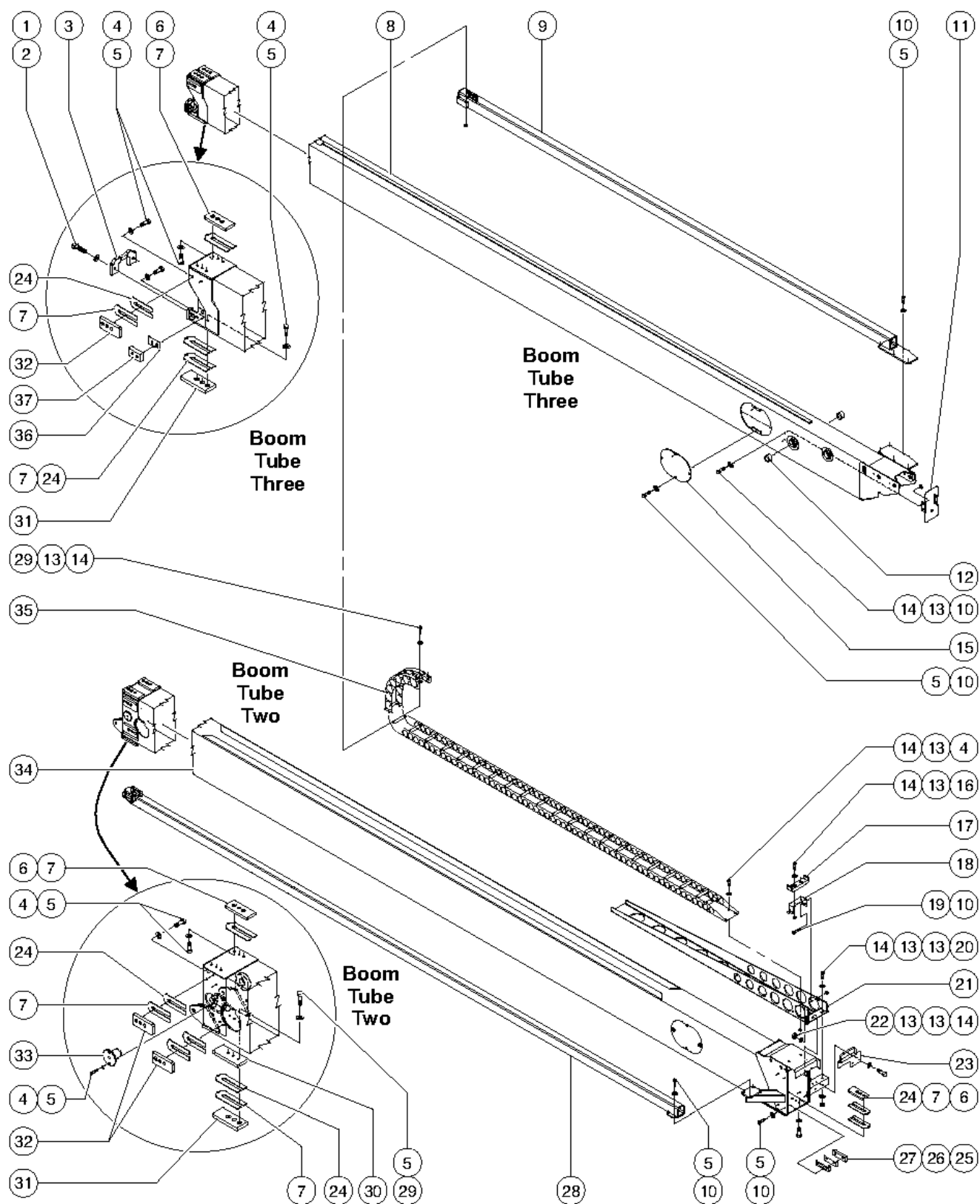
Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	217709	KIT,EXT/RET CABLE REPLMNT,SB <i>Replaces all extension and retraction cables (contains all necessary hardware and fasteners)</i>		--	60332	SEAL KIT CYL.S100/120 (50100)	
--	60989	HARNESS,CABLE BREAK S120/125		22	38028	NUT,LP NYLOCK,5/8-11	
1	60335-S	FORMING,CYLINDER RETAINER.....2	2	23	45076	NUT,HEX,JAM,5/8-11	
2	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5		24	13064	WASHER,FLAT,.625 HARDENED....1	
3	6021	WASHER,LOCK,.375		25	60163-S	PLATE,RETRACT CABLE EQUALIZER.....2	2
4	6097	WASHER,FLAT,USS,3/8",Y		26	232842	CABLE ASSEMBLY,RETRACT SET.....1 <i>Contains two cables</i>	1
5	6198	NUT,NYLOCK,1/2-13		27	60164	ROD END,RETRACTION CABLE....1	
6	13066	WASHER,FLAT,.5 HARDENED.....4	4	28	30748	WASHER,SHIM,1.01 X 1.63 X.062	
7	18383	SNAP RING,EXTERNAL,1.5 DIA***		29	60697	PIN,RETRACTION CABLE.....2	
8	18596	WASHER,FLAT,1.56 X 2.5 X .061		30	33247	PIN,COTTER,.188 X 1.75 LONG....2	
9	60179	PIN,1.50DIA X 2.92LG,2RING.....1	1	31	61384	SCREW,SHS,1/2-13 X 1.50	
10	60181-S	PLATE,EXT.CABLE ANCHOR.....2	2	32	50247	SHEAVE,EXTENSION CABLE.....2	
11	49817	SCREW,PHILLIPS,PHM,10-32 X 1.25		--	60422	Bearing, 1.5 x 2 x 1.81 inches	
12	6607	WASHER,LOCK,#10 PLTD		33	60240	WEAR PAD,SHEAVE MOUNT.....2	
13	75031	LIMIT SWITCH,SAFETY.....1	1	34	61385	SCREW,HHC,1/2-13 X 5.25	
14	39479	SCREW,HHC,1/2-13 X 2.75		35	6086	NUT,LP NYLOCK,1/2-13	
15	60340-S	PLATE,EXT.CABLE EQUALIZER MACH.....1	1	36	60215-S	WELDMENT,CABLE RETAINER....1	
--	54156	BEARING,FL,1.5ID X 1.75OD X 1.10LG		37	6175	SCREW,HHC,3/8-16 X 1	
16	75396	PIN,COTTER,.25 X 3.18 EXT.CABLE.....2	2	38	60216	WEAR PAD,EXT.CABLE SHEAVE.....1	1
17	75397	PIN,CLEVIS,1.18 X 3.18 EXT.CABLE.....2	2	39	60346-S	SHEAVE MOUNT,EXT. CABLE MACHIN.....1	1
18	232841	CABLE ASSEMBLY,EXTEND SET.....1 <i>Contains two cables</i>	1	40	45226	ROD END,.375 X 3.69.....1	
--	10665	PIN,ROLL,.25 X 1.5		41	60205	PIN,1.50DIA X 5.88LG,1HOLE.....1	
--	60171	EXTENSION CABLE		42	5224	SCREW,HHC,3/8-16 X 2	
--	60229	COUPLING,EXT.CABLE ADJUSTMENT*		43	4828	NUT,NYLOCK,3/8-16	
19	60333	VALVE, COUNTERBAL.....1 <i>to SN 561</i>	1	44	60208	WEAR PAD,EXT.CABLE.....2	
--	75424	SEAL KIT,SUN "CWEA" CB VALVES		45	45748	ROD END,.250 X 2.75 LG.....2	
--	75762	VALVE,COUNTERBAL.CWEK-LIN @600 <i>from SN 562</i>		46	6090	SCREW,HHC,1/4-20 X .75	
20	60331	VALVE,COUNTERBAL.CWCA-LIN@600.1		47	6356	WASHER,LOCK,.25	
--	62449	SEAL KIT,SUN "CWCA" CB VALVES*		48	60358	PIN,.75DIA X 2.89LG,1HOLE.....2	
21	50100	CYLINDER,PRIMARY EXTEND.....1	1	49	60192	PIN,EXTENSION CYLINDER MOUNT.....2	2
				50	50243	SHEAVE,RETRACT CABLE.....2	
				51	122015	WLDMNT,RET.CABLE SHEAV.GARD.RH.....1	1
				--	122016	WLDMNT,RET.CABLE SHEAV.GARD.LH.....1	1

505.1 Primary Extend Cylinder (continued)

Item	Part No.	Description	Qty.
52	75355	PIN,COTTER,.188X2.25 RET.CABLE.....2	2
53	75356	PIN,CLEVIS,.844X2.25 RET.CABLE.....2	2
54	33278	WASHER,FLAT,.75 HARDENED	
55	10665	PIN,ROLL,.25 X 1.5.....2	2
56	60229	COUPLING,EXT.CABLE ADJUSTMENT*.....2	2
57	60343-S	PLATE,EXT.CABLE ,PAINTED.....1	1
58	60231	EXT.CABLE ADJ BOLT LOCK.....1	1
59	60356-S	PLATE,EXT.CABLE ATTACH.MACHINE.....1	1
60	111149	SCREW,HHC,3/4-10X6,GR5,FULL TH.....2	2
61	111524	KIT,WEAR PAD, EXT CYL,SB.....1 <i>to SN 1455</i>	1
--	111523	WEAR PAD, BOOM REST <i>from SN 1456</i>	
62	8177	SCREW,HHC,1/2-13 X 1.5 <i>to SN 1455</i>	
--	39479	SCREW,HHC,1/2-13 X 2.75 <i>from SN 1480</i>	
--	9145	SCREW,HHC,1/2-13 X 2.5,GR5 <i>from SN 1456 to SN 1479</i>	
63	6033	WASHER,LOCK,0.5" <i>to SN 1455</i>	
--	6033	WASHER,LOCK,0.5" <i>from SN 1480</i>	
64	13066	WASHER,FLAT,.5 HARDENED.....2 <i>from SN 1456</i>	2
65	75049	FORMING,CABLE RETAINER.....1	1

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506.1 Boom Tube Two and Boom Tube Three



506.1 Boom Tube Two and Boom Tube Three

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	60217	SCREW,HHC,3/4-10 X 7 FULL THRD.....	2	--	102020	WELDMNT,WEAR PAD MOUNTING from SN 881	
2	33278	WASHER,FLAT,.75 HARDENED.....	2	19	7713	NUT,LP NYLOCK,3/8-16	
3	60343-S	PLATE,EXT.CABLE ,PAINTED.....	1	20	5387	SCREW,HHC,3/8-16 X 4	
4	6175	SCREW,HHC,3/8-16 X 1		21	50117-S	WELDMNT,CABLE TRACK SUPPORT.....	1
5	6021	WASHER,LOCK,.375		--	122791	SHIM,CBL TRK SPRT WLDT,22 GA from SN 1430	
6	50245	WEAR PAD,7 X 3 X.75 W/NUTS.....	6	--	61115	SHIM,CABLE TRAY to SN 1429	
7	60840	SHIM,WEAR PAD,7 X 3,16GA		22	12981	SCREW,HHC,3/8-16 X 4.5 from SN 1430	
8	75103-S	BOOM TUBE ASSY,#3 W/BUSHINGS.....	1	23	111775	WELDMNT,HOSE GUIDE ASSY...1 from SN 1430 to 1678	
--	122321	SB BOOM #3 ASSY W/WORD DECALS includes item 12; from SN 881		--	61745	CLAMP,2.25,#36 X 3/8,RUB CUSH from SN 1679	
--	122322	SB BOOM #3 ASSY SYMBOL UNITS includes item 12; from SN 881		24	60304	SHIM,WEAR PAD,7 X 3,12GA	
--	75483-S	BOOM TUBE ASSY,#3 W/BUSHINGS includes item 12; from SN 628 to SN 880		25	34125	WEAR PAD,5 X 1.5 X .75 W/NUTS.....	12
9	60242	WLDMNT,CABLE TRACK GUIDE SHORT.....	1	--	73461	WEAR PAD,5 X 1.5 X .875 W/NUTS from SN 301	
--	102018	WLDMNT,CABLE TRACK GUIDE,SHORT from SN 881 to 1776		26	38620	SHIM,WEAR PAD,5 X 1.5,14GA	
--	122225	WLDMNT,CABLE TRACK GUIDE,SHORT from SN 1777		27	29080	SHIM,WEAR PAD,5X 1.5 16GA	
10	8255	SCREW,HHC,3/8-16 X .75		28	60245	WLDMNT,CABLE TRACK GUIDE LONG*.....	1
11	60194	FORMING,TUBE GUARD.....	1	29	14033	SCREW,HHC,3/8-16 X 2.75	
12	30220	BEARING,1.25ID X 1.5OD X 0.69L.....	4	30	60222	SPACER,WEAR PAD.....	2
		use with Boom # 3 Assy item 75103-S or 75483-S; to SN 2673		31	50246	WEAR PAD.....	4
--	30370	BEARING,1.25IDX1.5ODX1.00L use with Boom # 3 Assy item 122321 or 122322; from SN 2674		32	60239	WEAR PAD,7 X 3 X.625 W/INSERT.....	6
13	6097	WASHER,FLAT,USS,3/8",Y		33	60192	PIN,EXTENSION CYLINDER MOUNT.....	2
14	4828	NUT,NYLOCK,3/8-16		34	75663-S	WELDMNT,EXTENSION BOOM #2.....	1
15	60177-S	COVER,BOOM SIDE, PAINTED.....	4	--	89166-S	WELDMNT,EXTENSION BOOM #2 from SN 628	
16	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5		35	102052	CABLE TRACK,STEEL 50 LINKS....1 to SN 880 (for repair components, refer to 35A and 35B, below)	
17	60802	WEAR PAD,UPPER CABLE TRACK.....	1	--	102000	CROSSBAR,STEEL,CABLE TRACK USA/Canada models; to SN 880	
18	75047-S	WELDMNT,WEAR PAD MOUNTING.....	1	--	102001	CROSSBAR W/ TWO SEPARATORS Europe; to SN 880	
		to SN 880					

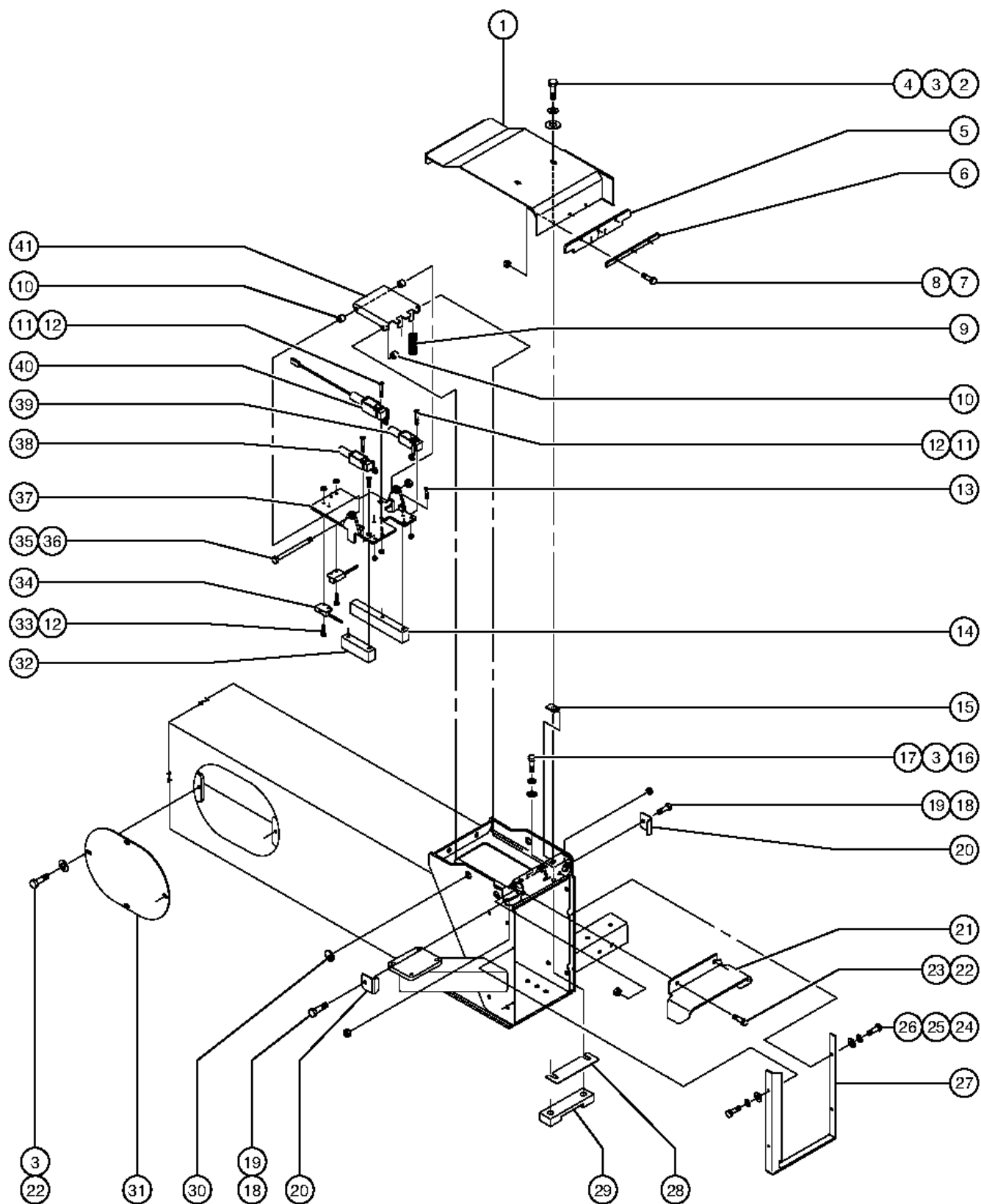
506.1 Boom Tube Two and Boom Tube Three (continued)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	102002	SEPARATORS,ALUM,CABLE TRACK <i>Europe; to SN 880</i>		--	102215	BRACKET,CABLE TRACK,FIXED END* <i>from SN 1430</i>	
--	102054	KIT,CABLE TRACK UPDATE,SUPRBMS <i>to SN 880</i>		--	102216	BRACKET,CABLE TRACK,MOVING END <i>from SN 1430</i>	
--	61209	CLAMP,WIRE/HOSE,CABLE TRACK <i>to SN 880</i>		--	111995	HOSE AND CABLE CLAMP,STD <i>from SN 1430 to SN 2709</i>	
--	61210	CLAMP, WELD,CABLE TRACK <i>to SN 880</i>		--	111996	HOSE AND CABLE CLAMP,STD, TOP <i>from SN 1430 to SN 2709</i>	
--	62320	REPAIR LINK/SINGLE(60174/75) <i>to SN 880</i>		--	111997	OPT,HOSE AND CABLE CLAMP <i>from SN 1430</i>	
--	75402	REPAIR LINK END SET (60174&75) <i>to SN 880</i>		--	122034	KIT,SERVICE,CLAMP MOUNTS <i>from SN 1430</i>	
35A	102052	CABLE TRACK,STEEL 50 LINKS....1 <i>from SN 881 to SN 1429</i>		--	122114	KIT,2 LINK REPAIR W/HARDWARE <i>from SN 1430</i>	
--	102054	KIT,CABLE TRACK UPDATE,SUPRBMS <i>from SN 881 to SN 1429</i>		--	146476	HOSE AND CABLE CLAMP, STD <i>from SN 2710</i>	
--	102211	CROSSBAR ALUM W/SELF TAP SCREW <i>from SN 881 to SN 1429</i>		--	146477	HOSE AND CABLE CLAMP, STD, TOP <i>from SN 2710</i>	
--	102212	SELF-TAP SCREW, CABLE TRACK <i>from SN 881 to SN 1429</i>		36	61380	SHIM,SIDE WEAR PAD .059 THK.	
--	102213	REPAIR LINK W/HARDWARE <i>from SN 881 to SN 1429</i>		37	61379	WEAR PAD,3.5 X 2 X .625 W/INST.....2	
--	102214	REPAIR LINK W/ ROLLER <i>from SN 881 to SN 1429</i>					
--	102215	BRACKET,CABLE TRACK,FIXED END* <i>from SN 881 to SN 1429</i>					
--	102216	BRACKET,CABLE TRACK,MOVING END <i>from SN 881 to SN 1429</i>					
--	61210	CLAMP, WELD,CABLE TRACK <i>from SN 881 to SN 1429</i>					
35B	102052	CABLE TRACK,STEEL 50 LINKS....1 <i>from SN 1430</i>					
--	102211	CROSSBAR ALUM W/SELF TAP SCREW <i>from SN 1430</i>					
--	102212	SELF-TAP SCREW, CABLE TRACK <i>from SN 1430</i>					
--	102213	REPAIR LINK W/HARDWARE <i>from SN 1430</i>					
--	102214	REPAIR LINK W/ ROLLER <i>from SN 1430</i>					

506.1 Boom Tube Two and Boom Tube Three
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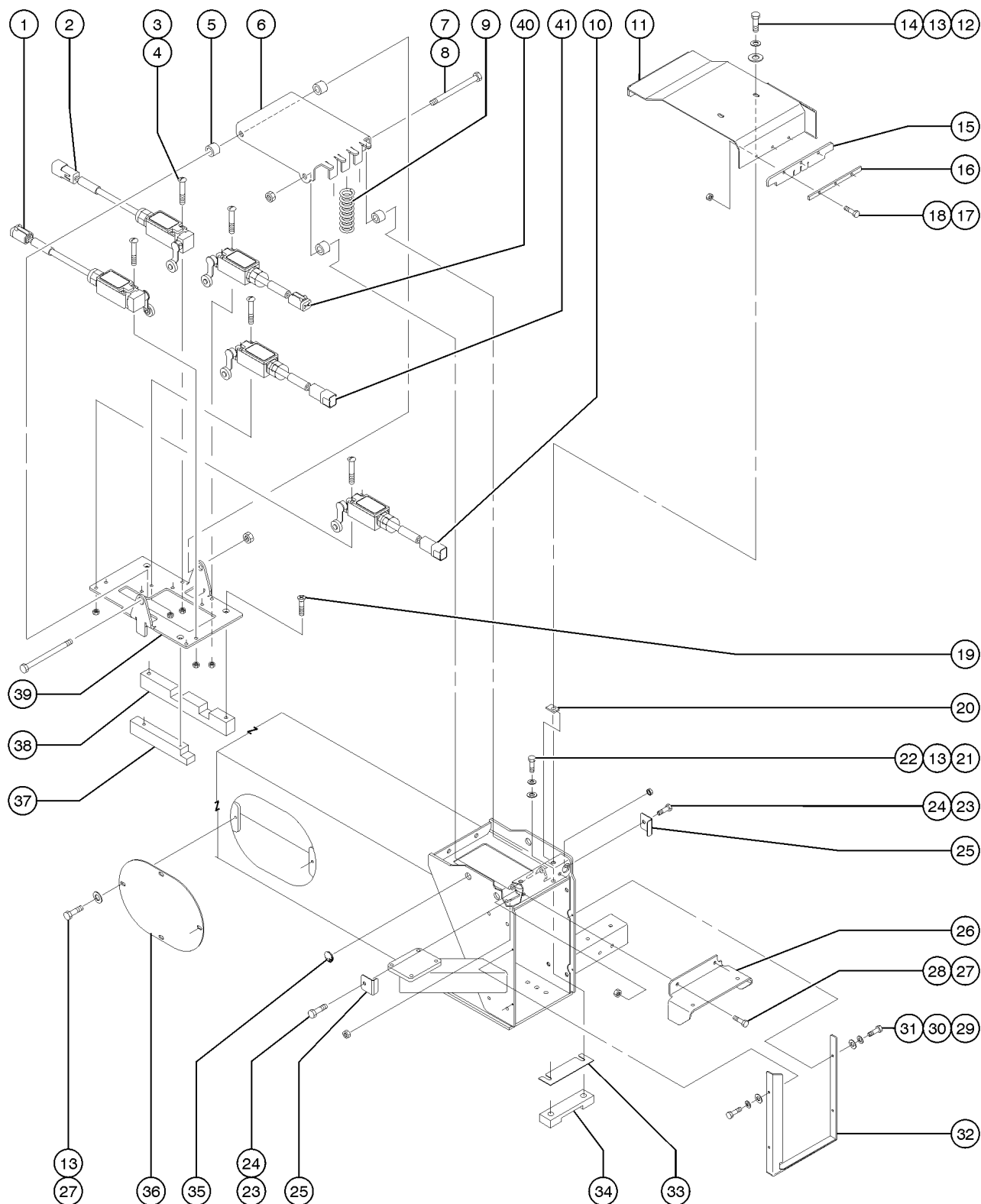
507.1 Boom Tube Two, Limit Switches (to SN 627)



507.1 Boom Tube Two, Limit Switches (to SN 627)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	60756	HARNESS,TCON J2 UPPER		--	75735	KIT,MECH.LIMIT SWITCH,S120/125.....1 <i>proximity limit switch update kit, includes 2 of item 75736 and item 75769</i>	
1	61162-S	FORMING,LIMIT SWITCH GUARD.....1		--	75736	LIMIT SWITCH, OP LSB3EO, 4EO <i>can order separately if update kit 75735 was initially installed</i>	
2	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5		35	22832	SCREW,HHC,3/8-16 X 6	
3	6021	WASHER,LOCK,.375		36	7713	NUT,LP NYLOCK,3/8-16	
4	6097	WASHER,FLAT,USS,3/8",Y		37	61160	FORMING,LIMIT SWITCH MOUNT.....1	
5	61174	WIPER,RUBBER BOOM #3 TOP.....1		38	75031	LIMIT SWITCH,SAFETY.....1	
6	61176-S	BAR,RUBBER WIPER BACK-UP.....1		--	53983	STRAIN RELIEF, PG13,5	
7	6888	SCREW,HHC,1/4-20 X 1		--	75910	WIRE ASSEMBLY,16/4SJO,9.5"PLUG	
8	6091	NUT,NYLOCK,1/4-20		--	75913	LIMIT SWITCH, SAFETY,NO WIRE	
9	61171	SPRING,1.00 DIA X .105.....2		39	75035	LIMIT SWITCH,SAFETY.....1	
10	44335	BUSHING,FLANGE, .375X.5.....4		--	53983	STRAIN RELIEF, PG13,5	
11	51063	SCREW,PHILLIPS,RHM,10-32 X 1.5		--	75910	WIRE ASSEMBLY,16/4SJO,9.5"PLUG	
12	6178	NUT,NYLOCK,10-32		--	75913	LIMIT SWITCH, SAFETY,NO WIRE	
13	49824	SCREW,PHILLIPS,FHM,10-32X1.00		40	75034	SWITCH,OPERATIONAL.....1	
14	61391	WEARPAD,LMT SWITCH MOUNT-LONG*.....1		--	53983	STRAIN RELIEF, PG13,5	
15	29868	SPRING CLIP,3/8-16		--	75910	WIRE ASSEMBLY,16/4SJO,9.5"PLUG	
16	6175	SCREW,HHC,3/8-16 X 1		--	75913	LIMIT SWITCH, SAFETY,NO WIRE	
17	5397	WASHER,FLAT,USS,5/16",Y		--	75911	LIMIT SWITCH,OPERATION,NO WIRE	
18	33681	SCREW,HHC,3/8-16 X .625		--	75912	WIRE ASSEMBLY,16/4SJO,9.5"RECP	
19	7713	NUT,LP NYLOCK,3/8-16		41	75437-S	COVER,LIMIT SWITCH PIVOT ASSY.....1 <i>USA/Canada/Australia</i>	
20	61294-S	FORMING,HOSE PROTECTOR,PAINTED.....2		--	61166-S	FORMING,LIMIT SWITCH LINK <i>Europe/Asia/South America</i>	
21	60935-S	MOUNT,CABLE TRACK CLAMP.....1					
22	8255	SCREW,HHC,3/8-16 X .75					
23	4828	NUT,NYLOCK,3/8-16					
24	8914	SCREW,HHC,1/4-20 X .625					
25	6356	WASHER,LOCK,.25					
26	6638	WASHER,FLAT,USS,1/4"Y					
27	60156	COVER MAST #3.....1					
28	75286	SHIM, WEAR PAD,THIN,SB					
29	61164	WEAR PAD,BOOM #2 TOP.....1					
30	15243	PLUG,NYLON .875 BLACK DOMED.....2					
31	60177-S	COVER,BOOM SIDE, PAINTED.....2					
32	61161	WEAR PAD,LIMIT SWITCH MOUNT.....1					
33	49819	SCREW,PHILLIPS,PHM,10-32 X .5					
34	60987	SWITCH,LIMIT,PROX(OPERATIONAL).2					

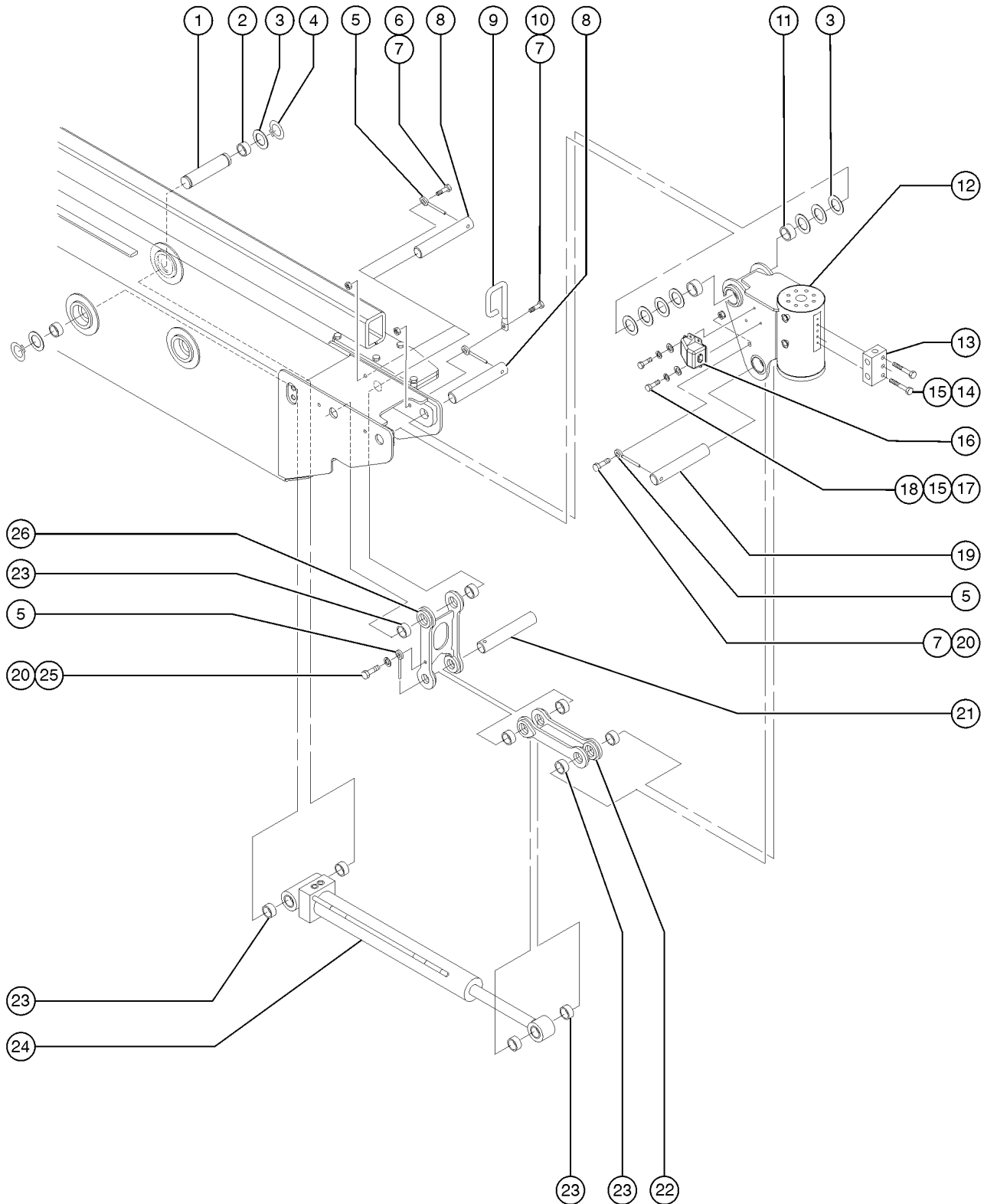
507.2 Boom Tube Two, Limit Switches (from SN 628)



507.2 Boom Tube Two, Limit Switches (from SN 628)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	60756	HARNESS,TCON J2 UPPER to SN 2709		12	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5	
--	146192	HARNESS, TCON J2 UPPER 2009 from SN 2710		13	6021	WASHER,LOCK,,.375	
1A	75031	LIMIT SWITCH,SAFETY.....1 (LSB4ES) safety limit switch for boom length greater or equal 80 feet; to SN 2709	1	14	6097	WASHER,FLAT,USS,3/8",Y	
--	53983	STRAIN RELIEF, PG13,5 to SN 2709		15	61174	WIPER,RUBBER BOOM #3 TOP.....1	
--	75910	WIRE ASSEMBLY,16/4SJO,9.5"PLUG to SN 2709		16	61176P	BAR,RUBBER WIPER BACK-UP,PTD.....1	1
--	75913	LIMIT SWITCH, SAFETY,NO WIRE to SN 2709		17	6888	SCREW,HHC,1/4-20 X 1	
1B	146199	LIMIT SWITCH,SAFETY (LSB4ES) safety limit switch for boom length greater or equal 80 feet; from SN 2710		18	6091	NUT,NYLOCK,1/4-20	
--	110771-74B69	SWITCH,LIMIT,ROLLER NO/NC GOLD from SN 2710		19	49824	SCREW,PHILLIPS,FHM,10-32X1.00	
--	128636	ROLLER,ARM,LIMIT SWITCH,ZCY500 from SN 2710		20	29868	SPRING CLIP,3/8-16	
--	146325	CONN.SQZ,PG 11,,.34-.47,W/ORING from SN 2710		21	6175	SCREW,HHC,3/8-16 X 1	
2	89109	LIMIT SWITCH,OPERATIONAL.....1 (LSB3RO) operational limit switch for boom length at 0 feet	1	22	5397	WASHER,FLAT,USS,5/16",Y	
--	53983	STRAIN RELIEF, PG13,5		23	33681	SCREW,HHC,3/8-16 X .625	
--	75911	LIMIT SWITCH,OPERATION,NO WIRE		24	7713	NUT,LP NYLOCK,3/8-16	
--	75912	WIRE ASSEMBLY,16/4SJO,9.5"RECP		25	61294-S	FORMING,HOSE PROTECTOR,PAINTED.....2	2
3	16487	SCREW,RHM,10-32 X 1.5		26	60935-S	MOUNT,CABLE TRACK CLAMP.....1	1
4	6178	NUT,NYLOCK,10-32		27	8255	SCREW,HHC,3/8-16 X .75	
5	44335	BUSHING,FLANGE, .375X.5.....4	4	28	4828	NUT,NYLOCK,3/8-16	
6	89164	FORMING,LIMIT SWITCH LINK.....1	1	29	8914	SCREW,HHC,1/4-20 X .625	
7	22832	SCREW,HHC,3/8-16 X 6		30	6356	WASHER,LOCK,,.25	
8	7713	NUT,LP NYLOCK,3/8-16		31	6638	WASHER,FLAT,USS,1/4"Y	
9	61171	SPRING,1.00 DIA X .105.....3	3	32	60156	COVER MAST #3.....1	1
10	89110	LIMIT SWITCH,OPERATIONAL.....1 (LSB4EO) operational limit switch for boom length at 100 feet	1	33	75286	SHIM, WEAR PAD,THIN,SB	
11	89171P	FORMING,LIMIT SWITCH GUARD.....1	1	34	61164	WEAR PAD,BOOM #2 TOP.....1	1
				35	15243	PLUG,NYLON .875 BLACK DOMED.....2	2
				36	60177-S	COVER,BOOM SIDE, PAINTED.....2	2
				37	89107	WEAR PAD,LIMIT SWITCH MNT.SHOR.....1	1
				38	89106	WEAR PAD,LIMIT SWITCH MNT.LONG.....1	1
				39	89105-S	FORMING,LIMIT SWITCH MOUNT.....1	1
				40	75031	LIMIT SWITCH,SAFETY.....1 (LSB3RS) safety limit switch for boom length at 0 feet	1
				--	53983	STRAIN RELIEF, PG13,5	
				--	75910	WIRE ASSEMBLY,16/4SJO,9.5"PLUG	
				--	75913	LIMIT SWITCH, SAFETY,NO WIRE	
				41	89110	LIMIT SWITCH,OPERATIONAL.....1 (LSB3EO) operational limit switch for boom length greater or equal 80 feet	1

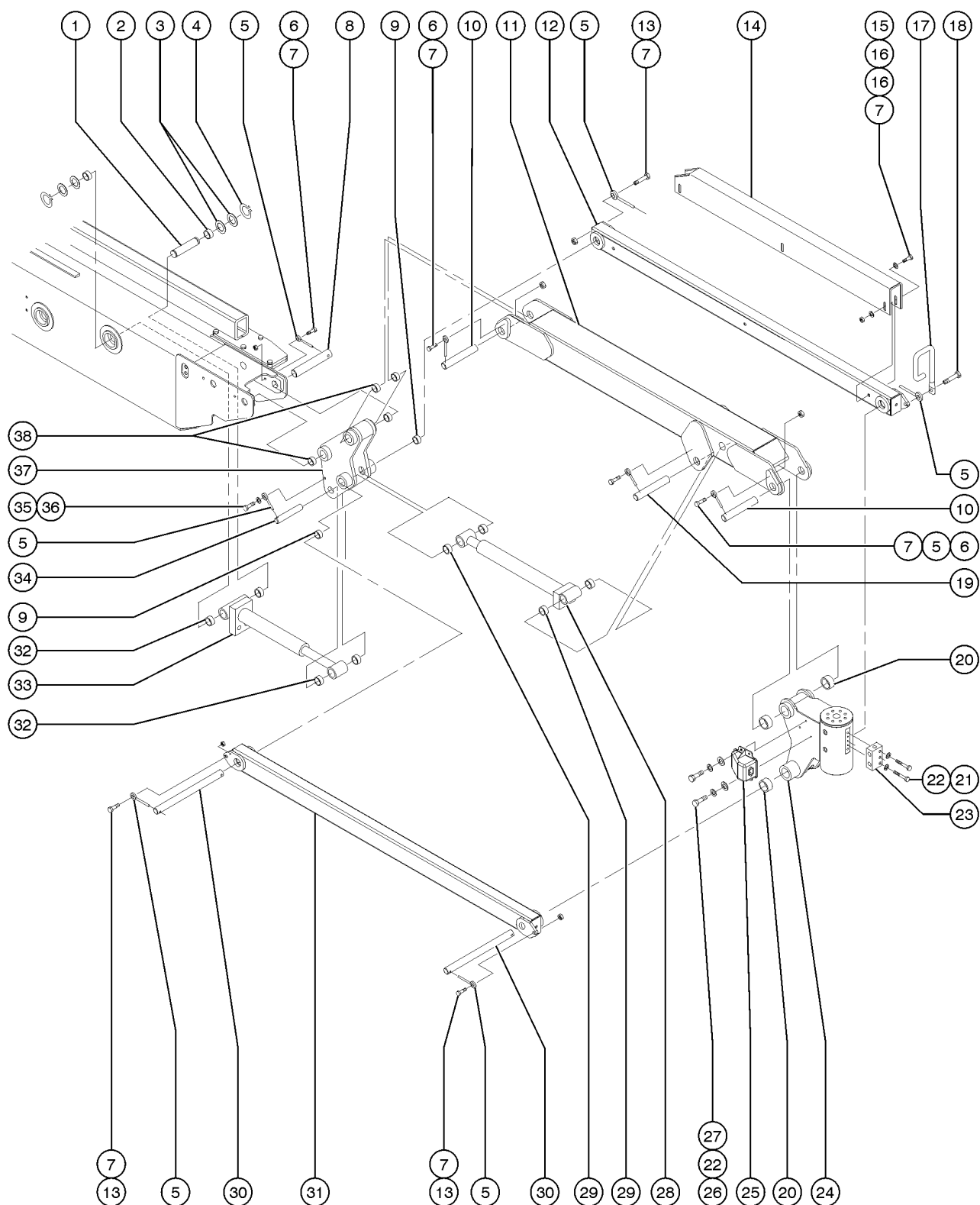
508.1 Platform Rotator



508.1 Platform Rotator

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	50208	PIN,1.25DIA X 7.11LG,2RING.....1 <i>to SN 2673 (must use pin # 146073 if replacing boom #3 assembly)</i>	1	--	43018	SEAL KIT (39345)	
--	146073	PIN,1.25DIA X 7.9LG,2RING <i>from SN 2674</i>		--	65795	SEAL KIT,CYL,S100/120 (50207)	
2	30220	BEARING,1.25ID X 1.5OD X 0.69L.....2 <i>to SN 2673 (must use bearing # 30370 if replacing boom #3 assembly)</i>	2	--	75061	VALVE,COUNTERBAL,CBBB-LHN@2000 <i>(locks retract side)</i>	
--	30370	BEARING,1.25ID X 1.5OD X 1.00L <i>from SN 2674</i>		25	6021	WASHER,LOCK, .375	
3	30255	WASHER,SHIM,1.27 X 2.13 X .062		26	75106-S	PLATFORM,LEVELING LEVER,ASSY.....1 <i>(includes item 22)</i>	1
4	30217	SNAP RING,EXTERNAL,1.25 DIA,**					
5	45226	ROD END,.375 X 3.69					
6	8516	SCREW,HHC,3/8-16 X 1.50,GR5					
7	4828	NUT,NYLOCK,3/8-16					
8	T108078	PIN,1.25DIA X 9.50LG,1HOLE.....2	2				
9	75016-S	GUARD,JIB HOSE.....1	1				
10	6708	SCREW,HHC,3/8-16 X 2.25					
11	30370	BEARING,1.25ID X 1.5OD X 1.00L.....2	2				
12	122620	ROTATOR ,NON-JIB, 144 DEG.....1 <i>to SN 1776</i>	1				
--	122944	SEAL KIT,8K ROTATOR***					
--	13852	VALVE ASSY,BLEED***					
--	94400	ROTATOR,NON-JIB,160 DEG <i>from SN 1777</i>					
13	Ref.	Platform Rotate Manifold <i>(refer to 710.1)</i>					
14	6145	SCREW,HHC,1/4-20 X 1.5					
15	6356	WASHER,LOCK, .25					
16	50813	SENSOR,TILT,PCON (PLASTIC)****.....1	1				
17	6638	WASHER,FLAT,USS,1/4"Y					
18	6090	SCREW,HHC,1/4-20 X .75					
19	T108075	PIN,1.25DIA X 5.25LG,1HOLE.....1	1				
20	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5					
21	50212	PIN,1.25DIA X 6.50LG,1HOLE.....1	1				
22	75105-S	PLATFORM,LEVELING LINK ASSY.....1	1				
23	47377	BEARING,1.25 ID X 1.5 OD X .75					
24	50207	CYLINDER,PLATFORM LEVELING.....1	1				
--	31106	VALVE,CNTERBAL,CBBB-LHN@3000** <i>(locks extend side)</i>					

509.1 Jib Boom and Platform Rotator



509.1 Jib Boom and Platform Rotator

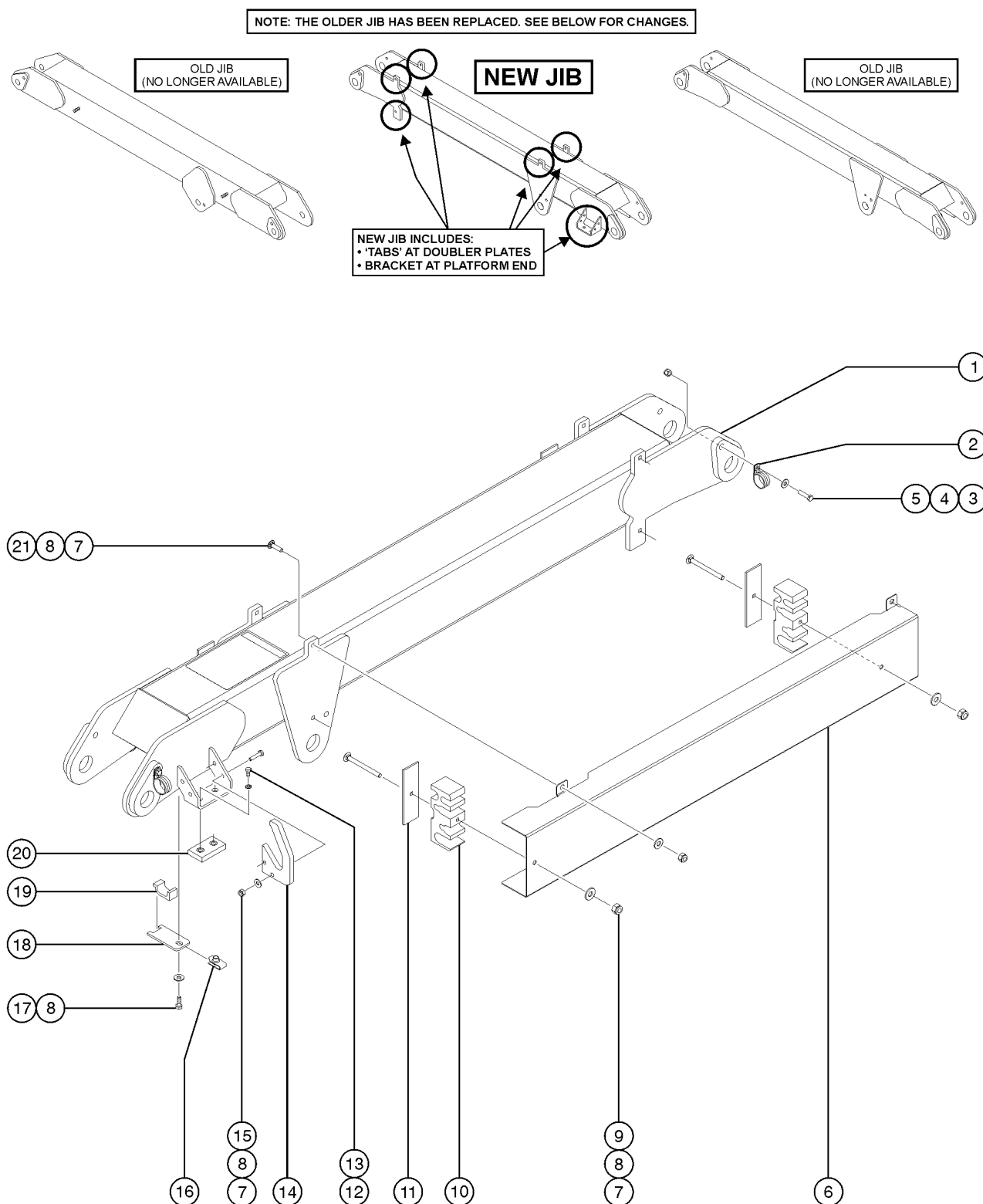
Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	50208	PIN,1.25DIAX7.11LG,2RING.....1 <i>to SN 2673 (must use pin # 146073 if replacing boom #3 assembly)</i>	1	21	6145	SCREW,HHC,1/4-20 X 1.5	
--	146073	PIN,1.25DIAX7.9LG,2RING <i>from SN 2674</i>		22	6356	WASHER,LOCK,.25	
2	30220	BEARING,1.25ID X 1.5OD X 0.69L.....2 <i>to SN 2673 (must use bearing # 30370 if replacing boom #3 assembly)</i>	2	23		Ref. Platform Rotate Manifold (refer to 710.1)	
--	30370	BEARING,1.25IDX1.5ODX1.00L <i>from SN 2674</i>		24	94397	ROTATOR,PLAT JIB,160 DEG***.....1 <i>replaces rotator item 60505</i>	1
3	30255	WASHER,SHIM,1.27 X 2.13 X .062		--	106421	SEAL KIT,ARCTIC,ROTATOR 8.2K** <i>(use with rotator item 60505); to SN 998</i>	
4	30217	SNAP RING,EXTERNAL,1.25 DIA.**		--	122944	SEAL KIT,8K ROTATOR*** <i>(use with rotator item 94397)</i>	
5	45226	ROD END,.375 X 3.69.....9	9	--	13852	VALVE ASSY,BLEED*** <i>(use with rotator item 60505); to SN 998</i>	
6	5224	SCREW,HHC,3/8-16 X 2		--	30222	BEARING,FL,1.25IDX1.41ODX1.50L <i>from SN 2695</i>	
7	4828	NUT,NYLOCK,3/8-16		--	30370	BEARING,1.25IDX1.5ODX1.00L <i>(use with rotator item 94397); to SN 2694</i>	
8	T108078	PIN,1.25DIAX9.50LG,1HOLE.....1	1	--	62417	SEAL KIT,PLAT ROTATE*** <i>(use with rotator item 60505); to SN 998</i>	
9	75627	BEARING,1.25 X 1.5 X 2.....2 <i>to SN 1970</i>	2	--	75395	BEARING KIT,PLAT ROTATOR,SUPER <i>(use with rotator item 94397)</i>	
--	128268	BEARING,FL, 1.25X1.5X2.13.....2 <i>from SN 1971</i>	2	--	88516	SCREW,BLEEDER,M5X0.8 <i>(use with rotator item 94397)</i>	
10	T108076	PIN,1.25DIAX7.88LG,1HOLE.....2	2	25	50813	SENSOR,TILT,PCON (PLASTIC)****.....1	1
11		SERVICE KIT,5FT JIB.....1 <i>refer to section 510.1 for jib detail</i>	1	26	6090	SCREW,HHC,1/4-20 X .75	
12	60789-S	COMPR. LINK,MACHINED,ENG SD***1 <i>to SN 2056</i>	1	27	6638	WASHER,FLAT,USS,1/4"Y	
--	61306-S	COMPR.LINK,MACHINED,GND CONTR*1 <i>from SN 2057</i>	1	28	63213	CYLINDER,JIB (STICK BOOMS).....1	1
13	8516	SCREW,HHC,3/8-16 X 1.50,GR5		--	33428	VALVE,COUNTERBALANCE	
14	75021-S	WELDMENT,JIB HOSE COVER,PAINT.....1 <i>to SN 2056</i>	1	--	43018	SEAL KIT (39345)	
--	128454P	COVER, JIB HOSES/CABLES <i>refer to section 510.1 for jib detail, (part of the upgrade service kit) or from SN 2057</i>		--	63353	SEAL KIT,CYL,S65 (63213)	
15	6326	SCREW,HHC,3/8-16 X 3		29	25683	BEARING,POLYGON,20DU12.....4	4
16	6097	WASHER,FLAT,USS,3/8",Y		30	81175	PIN,1.25DIAX14.45LG,2HOLE.....2	2
17	75016-S	GUARD,JIB HOSE.....1	1	31	61306-S	COMPR.LINK,MACHINED,GND CONTR*1	1
18	13918	SCREW,HHC,3/8-16 X 1.75,GRD.8.....1	1	32	47377	BEARING,1.25 ID X 1.5 OD X .75....4	4
19	T108077	PIN,1.25DIAX7.00LG,1HOLE.....1	1	33	89534	CYLINDER, PLATFORM LEVEL.....1	1
20	30370	BEARING,1.25IDX1.5ODX1.00L.....4	4	--	146056	SEAL KIT (89534)	
				--	43018	SEAL KIT (39345)	
				--	61598	SEAL KIT,PLAT.LEVEL CYL(61387)	

509.1 Jib Boom and Platform Rotator
(continued)

Item	Part No.	Description	Qty.
--	61602	VALVE,COUNTERBAL.CBBB-LHN@3500	
--	75061	VALVE,COUNTERBAL.CBBB-LHN@2000	
34	T108075	PIN,1.25DIAX5.25LG,1HOLE.....1	
35	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5	
36	6021	WASHER,LOCK, .375	
37	75134-S	BELL CRANK,ASSY. W/ BEARINGS.....1 <i>includes item 9</i>	
38	75627	BEARING,1.25 X 1.5 X 2.....4	

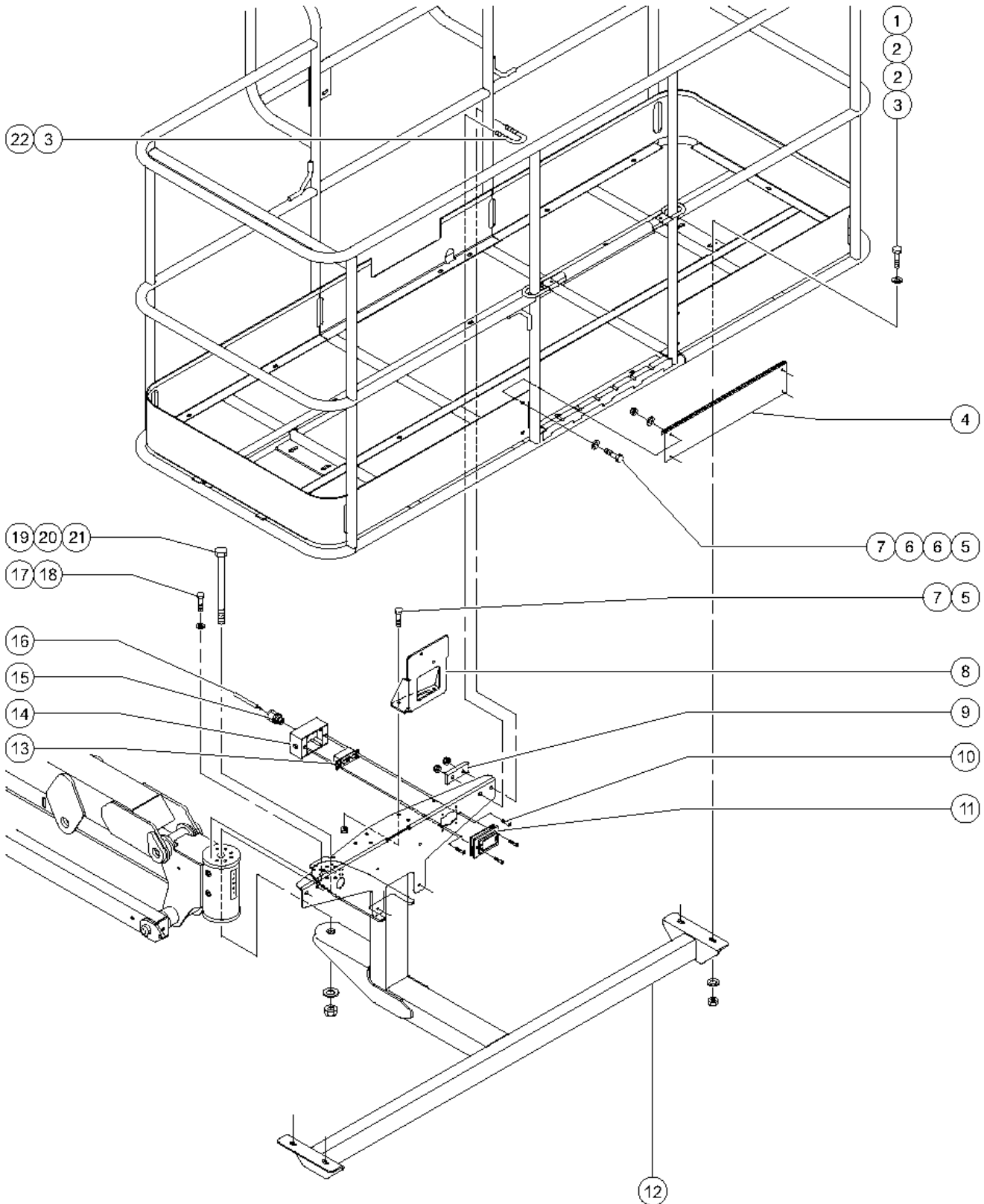
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510.1 Jib Detail



Item	Part No.	Description	Qty.
1	128513	SERVICE KIT,5FT JIB.....1 <i>upgrade service kit, required for first time replacement (includes part number 128534); to SN 2056</i>	
--	128515	SERVICE KIT, 5FT JIB, ARCTIC <i>(Arctic option) upgrade service kit required for first time replacement; to SN 2056</i>	
--	128534	JIB BOOM ASSY W/WORD DECAL <i>use ONLY if service kits 128513 or 128515 have been installed on the machine, or from SN 2057</i>	
--	226107	JIB BOOM ASSY W/SYM DECAL <i>use ONLY if service kits 128513 or 128515 have been installed on the machine, Europe/Asia/South America, or from SN 2057</i>	
2	61745	CLAMP,2.25,#36 X 3/8,RUB CUSH.....2	
3	5224	SCREW,HHC,3/8-16 X 2	
4	5397	WASHER,FLAT,USS,5/16",Y	
5	4828	NUT,NYLOCK,3/8-16	
6	128454P	COVER, JIB HOSES/CABLES.....1	
7	6091	NUT,NYLOCK,1/4-20	
8	6638	WASHER,FLAT,USS,1/4"Y	
9	128724	BOLT,CARRIAGE,1/4-20 X 2.75,G2	
10	122551	CLAMP,JIB HOSE/CABLE,S105,S125.....2	
--	122552	CLAMP,JIB HOSE/CABLE,ARCTIC <i>(part of the Arctic hose option)</i>	
11	128483	BACKING PLATE, HOSE BLOCK, JIB.....2	
12	8255	SCREW,HHC,3/8-16 X .75	
13	6021	WASHER,LOCK,.375	
14	128482	HOSE GUIDE, JIB.....1	
15	8915	SCREW,HHC,1/4-20 X 1.25	
16	56912	SPRING CLIP,1/4-20,.025-.15X.5.....1	
17	6090	SCREW,HHC,1/4-20 X .75	
18	119536	BRACKET,HOSE CLAMP.....1	
19	119542	CLAMP,TWO HOSE.....1	
20	81640	WEAR PAD,3 X 1.5 X.625 W/NUTS.....1	
21	79456	BOLT,CARRIAGE,1/4-20 X 1.00,G2	

601.1 Platform Installation - View 1



601.1 Platform Installation - View 1

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	102660	PLAT. ASSY, 4FT,SERV,S120 ANSI <i>Assemblies with Word Decals; USA/Canada models; to SN 1292</i>		--	111186	PLAT. ASSY, 4FT,SERV,S120 <i>Assemblies with Word Decals; USA/Canada models; from SN 1293</i>	
--	111194	PLAT. ASSY, 4FT,SERV,S125 ANSI <i>Assemblies with Word Decals; USA/Canada models; to SN 1292</i>		--	111210	PLAT. ASSY, 4FT,SERV,S125 <i>Assemblies with Word Decals; USA/Canada models; from SN 1293</i>	
--	102661	PLAT. ASSY, 5FT,SERV,S120 ANSI <i>Assemblies with Word Decals; USA/Canada models; to SN 1292</i>		--	111187	PLAT. ASSY, 5FT,SERV,S120 <i>Assemblies with Word Decals; USA/Canada models; from SN 1293</i>	
--	111195	PLAT. ASSY, 5FT,SERV,S125 ANSI <i>Assemblies with Word Decals; USA/Canada models; to SN 1292</i>		--	111211	PLAT. ASSY, 5FT,SERV,S125 <i>Assemblies with Word Decals; USA/Canada models; from SN 1293</i>	
--	102662	PLAT. ASSY, 6FT,SERV,S120 ANSI <i>Assemblies with Word Decals; USA/Canada models; to SN 1292</i>		--	111188	PLAT. ASSY, 6FT,SERV,S120 <i>Assemblies with Word Decals; USA/Canada models; from SN 1293</i>	
--	111196	PLAT. ASSY, 6FT,SERV,S125 ANSI <i>Assemblies with Word Decals; USA/Canada models; to SN 1292</i>		--	111212	PLAT. ASSY, 6FT,SERV,S125 <i>Assemblies with Word Decals; USA/Canada models; from SN 1293</i>	
--	102663	PLAT. ASSY, 8FT,SERV,S120 ANSI <i>Assemblies with Word Decals; USA/Canada models; to SN 1292</i>		--	111189	PLAT. ASSY, 8FT,SERV,S120 <i>Assemblies with Word Decals; USA/Canada models; from SN 1293</i>	
--	111197	PLAT. ASSY, 8FT,SERV,S125 ANSI <i>Assemblies with Word Decals; USA/Canada models; to SN 1292</i>		--	111213	PLAT. ASSY, 8FT,SERV,S125 <i>Assemblies with Word Decals; USA/Canada models; from SN 1293</i>	
--	102664	PLAT ASSY, 4FT, AUST, S120 <i>Assemblies with Word Decals; Australia models; to SN 1292</i>		--	111190	PLAT ASSY, 4FT, AUST, S120 <i>Assemblies with Word Decals; Australia models; from SN 1293</i>	
--	111198	PLAT ASSY, 4FT, AUST, S125 <i>Assemblies with Word Decals; Australia models; to SN 1292</i>		--	111214	PLAT ASSY, 4FT, AUST, S125 <i>Assemblies with Word Decals; Australian models; from SN 1293</i>	
--	102665	PLAT ASSY, 5FT, AUST, S120 <i>Assemblies with Word Decals; Australia models; to SN 1292</i>		--	111191	PLAT ASSY, 5FT, AUST, S120 <i>Assemblies with Word Decals; Australia models; from SN 1293</i>	
--	111199	PLAT ASSY, 5FT, AUST, S125 <i>Assemblies with Word Decals; Australia models; to SN 1292</i>		--	111215	PLAT ASSY, 5FT, AUST, S125 <i>Assemblies with Word Decals; Australian models; from SN 1293</i>	
--	102666	PLAT ASSY, 6FT, AUST, S120 <i>Assemblies with Word Decals; Australia models; to SN 1292</i>		--	111192	PLAT ASSY, 6FT, AUST, S120 <i>Assemblies with Word Decals; Australia models; from SN 1293</i>	
--	111200	PLAT ASSY, 6FT, AUST, S125 <i>Assemblies with Word Decals; Australia models; to SN 1292</i>		--	111216	PLAT ASSY, 6FT, AUST, S125 <i>Assemblies with Word Decals; Australian models; from SN 1293</i>	
--	102667	PLAT ASSY, 8FT, AUST, S120 <i>Assemblies with Word Decals; Australia models; to SN 1292</i>		--	111193	PLAT ASSY, 8FT, AUST, S120 <i>Assemblies with Word Decals; Australia models; from SN 1293</i>	
--	111201	PLAT ASSY, 8FT, AUST, S125 <i>Assemblies with Word Decals; Australia models; to SN 1292</i>		--	111217	PLAT ASSY, 8FT, AUST, S125 <i>Assemblies with Word Decals; Australian models; from SN 1293</i>	

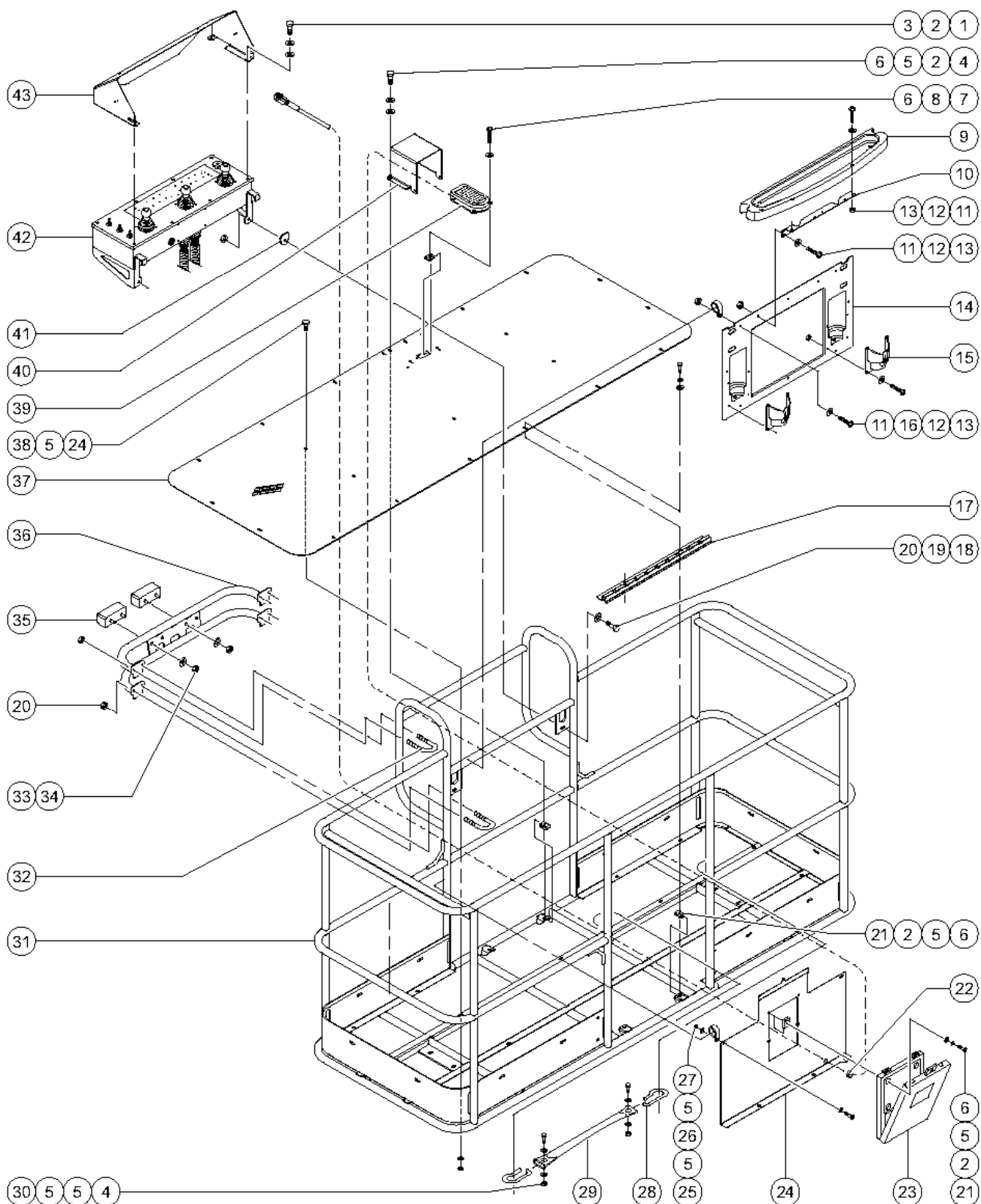
601.1 Platform Installation - View 1 (continued)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	102668	PLAT ASSY, 4FT, CE/UK, S120 <i>Assemblies with Symbol Decals; European models; from SN 1293</i>		--	102675	PLAT ASSY, 8FT, A/SA, S120 <i>Assemblies with Symbol Decals; Asia/South America models; from SN 1293</i>	
--	111202	PLAT ASSY, 4FT, CE/UK, S125 <i>Assemblies with Symbol Decals; European models; from SN 1293</i>		--	111209	PLAT ASSY, 8FT, A/SA, S125 <i>Assemblies with Symbol Decals; Asia/South American models; from SN 1293</i>	
--	102669	PLAT ASSY, 5FT, CE/UK, S120 <i>Assemblies with Symbol Decals; European models; from SN 1293</i>		1	6019	SCREW, HHC, 3/8-16 X 1.25 GRD 5	
--	111203	PLAT ASSY, 5FT, CE/UK, S125 <i>Assemblies with Symbol Decals; European models; from SN 1293</i>		2	6097	WASHER, FLAT, USS, 3/8", Y	
--	102670	PLAT ASSY, 6FT, CE/UK, S120 <i>Assemblies with Symbol Decals; European models; from SN 1293</i>		3	4828	NUT, NYLOCK, 3/8-16	
--	111204	PLAT ASSY, 6FT, CE/UK, S125 <i>Assemblies with Symbol Decals; European models; from SN 1293</i>		4	54817P-S	TOEBOARD, PLTFM ENTRY EUR, PNTD*.....1 to SN 827	
--	102671	PLAT ASSY, 8FT, CE/UK, S120 <i>Assemblies with Symbol Decals; European models; from SN 1293</i>		--	94745P	TOEBOARD, ENTRY EUROPEAN PNTD** from SN 828	
--	111205	PLAT ASSY, 8FT, CE/UK, S125 <i>Assemblies with Symbol Decals; European models; from SN 1293</i>		5	6090	SCREW, HHC, 1/4-20 X .75	
--	102672	PLAT ASSY, 4FT, A/SA, S120 <i>Assemblies with Symbol Decals; Asia/South America models; from SN 1293</i>		6	6638	WASHER, FLAT, USS, 1/4" Y	
--	111206	PLAT ASSY, 4FT, A/SA, S125 <i>Assemblies with Symbol Decals; Asia/South American models; from SN 1293</i>		7	6091	NUT, NYLOCK, 1/4-20	
--	102673	PLAT ASSY, 5FT, A/SA, S120 <i>Assemblies with Symbol Decals; Asia/South America models; from SN 1293</i>		8	89425	WELDMENT, PLATFMANFLD.SUPPORT.1	
--	111207	PLAT ASSY, 5FT, A/SA, S125 <i>Assemblies with Symbol Decals; Asia/South American models; from SN 1293</i>		9	61339	PLATE, BACKING.....2	
--	102674	PLAT ASSY, 6FT, A/SA, S120 <i>Assemblies with Symbol Decals; Asia/South America models; from SN 1293</i>		10	75067	SCREW, 6-32 X 7/8 PPMS ZINC	
--	111208	PLAT ASSY, 6FT, A/SA, S120 <i>Assemblies with Symbol Decals; Asia/South American models; from SN 1293</i>		11	74006	COVER, GFCI, HORIZONTAL, WEATHER.1	
				--	10777	COVER, BLANK	
				--	74052	GASKET, COVER, GFCI, WEATHERPROOF	
				12	75123-S	PLATFORM SUPPORT ASSY.SUPRBOO.....1 to SN 470	
				--		Ref., WELDMENT, PLATFORM SUPPORT, CE CE models (refer to 803.1)	
				--	60370-S	PLATFORM SUPPORT WELDMNT-SERV* from SN 471 to 800	
				--	94326-S	WELDMENT, 4/5FT PLATFORM SUPPOR	
				--	94390-S	OPTION, PLAT SUPPORT, STD, LRG BM ANSI models (from SN 801)	
				13	13585	OUTLET, 110V GFCI***.....1	
				14	75069	T-BOX 2.75 X 4.5 X 2.5.....1	
				15	7056	CONN, SQUEEZE, 1/2NPT .38-.50, SM.....2	
				16	43955	WIRE CABLE, 12GA/3 CON.TPE JKT*.....1960-inches S-120	

601.1 Platform Installation - View 1
(continued)

Item	Part No.	Description	Qty.
17	6175	SCREW,HHC,3/8-16 X 1 to SN 784	
--	49857	SCREW,HHC,3/8-16 X .88,GRD 8 from SN 1670	
--	77692	SCREW,HHC,3/8-16 X 1 GRD 8 from SN 785 to 1669	
18	57201	WASHER,FLAT, 313, HARDENED.....	8
19	73928	SCREW,HHC,1-8 X 11,GRD 5***	
20	122079	WASHER,FLAT,1.000,HARDENED..	1
21	29764	NUT,NYLOCK,1-8	
22	122755	UBOLT,FLATTENED,1.5DIAX3/8 UNC	

602.1 Platform Installation - View 2



602.1 Platform Installation - View 2

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	7339	SCREW,HHC,1/4-20 X .5 to SN 791		24	75537P	PLATE,DOCUMENT BOX MOUNT,PAINT.....	1
2	6356	WASHER,LOCK,,25		25	56912	SPRING CLIP,1/4-20,.025-.15X.5.....	2
3	75144	WASHER,FLAT,SAE 1/4",ZINC to SN 791		26	56424	CLAMP,1.25X.5 RUBBER-CUSHION.....	5
4	6888	SCREW,HHC,1/4-20 X 1		27	8914	SCREW,HHC,1/4-20 X .625	
5	6638	WASHER,FLAT,USS,1/4"Y		28	12443	MIDRAIL GUIDE (HOOK).....	2
6	56912	SPRING CLIP,1/4-20,.025-.15X.5		29	102992	SLIDING MIDRAIL KIT,PTD.....	1
7	73587	SCREW,PHIL,10-24 X .75		--	12443	MIDRAIL GUIDE (HOOK)	
8	6607	WASHER,LOCK,#10 PLTD		--	139451	TUBE,SLIDING MIDRAIL,PAINTED	
9	60476	TOOL HOLDER,PLASTIC.....	1	--	20973	WIRE LOOM,3/8 POLY SLIT	
10	60475	GUSSET,TOOL HOLDER,PLASTIC.....	1	--	21121	CABLE TIE,4" BLK,HEAT RESISTNT	
11	6178	NUT,NYLOCK,10-32		30	6091	NUT,NYLOCK,1/4-20	
12	6146	WASHER,FLAT,MS,#10,Y		31A	111254	PLAT RAILW/DECALS,4FT,750LB AN.....	1
13	49816	SCREW,PHILLIPS,PHM,10-32 X .75				(S-120) Railing Assemblies with Word Decals; USA/Canada models; to SN 1292	
14	75114-S	DECAL PLATE W/WORD DECALS.....	1	31A	77838	WELDMENT W/DECALS,4FT,500LB AN.....	1
--	102200-S	DECAL PLATE W/SYMB DECALS S120 Europe/Asia/South America				(S-125) Railing Assemblies with Word Decals; USA/Canada models; to SN 1292	
--	111278	DECAL PLATE ASSY W/WORD DECALS USA/Canada/Australia; from SN 1293		--	111255	PLAT RAILW/DECLAS 5FT 750LB AN (S-120) Railing Assemblies with Word Decals; USA/Canada models; to SN 1292	
15	60474	CUP HOLDER,PLASTIC.....	2	--	111256	PLAT RAIL W/DECALS 6FT 750 ANS (S-120) Railing Assemblies with Word Decals; USA/Canada models; to SN 1292	
16	60478	CLAMP,1.25"DIA NON-CUSHIONED.....	5	--	111257	PLAT RAILW/DECALS 8FT 750 ANSI (S-120) Railing Assemblies with Word Decals; USA/Canada models; to SN 1292	
17	73610P-S	STEP PLATFORM ENTRY PAINTED.....	1	--	73975	PLATFORM RAIL ASSY, 6FT ANSI (S-125) Railing Assemblies with Word Decals; USA/Canada models; to SN 1292	
18	8516	SCREW,HHC,3/8-16 X 1.50,GR5 to SN 1028		--	73976	PLATFORM RAIL ASSY, 8FT, ANSI (S-125) Railing Assemblies with Word Decals; USA/Canada models; to SN 1292	
19	6097	WASHER,FLAT,USS,3/8",Y to SN 1028					
20	4828	NUT,NYLOCK,3/8-16 to SN 1028					
21	6090	SCREW,HHC,1/4-20 X .75					
22	229768	GROMMET,RUBBER,1.0X0.094X1.375.1					
23	24514	BOX,INSTRUCTION STORAGE Europe/Asia/South America					
23	44743	MANUAL BOX W/DECALS***1 USA/Canada/Australia					
--	24514	BOX,INSTRUCTION STORAGE Europe/Asia/South America					

602.1 Platform Installation - View 2

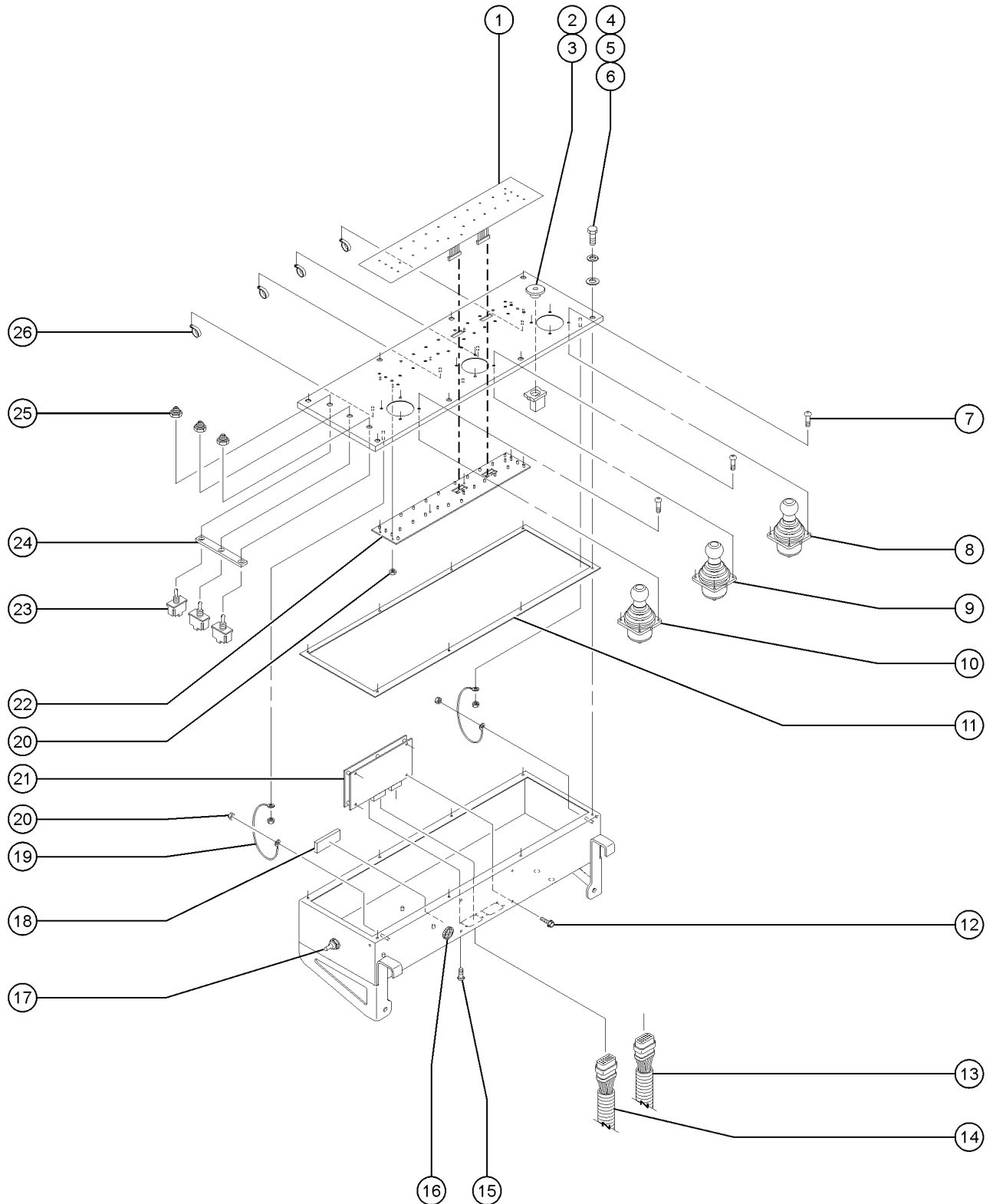
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Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	77840	WELDMENT W/DECALS,5FT,500LB AN (S-125) Railing Assemblies with Word Decals; USA/Canada models; to SN 1292		--	101377	PLAT ASSEMBLY,5FT,AUSTRALIA (S-125) Railing Assemblies with Word Decals; Australia models	
31B	111250	PLAT RAILW/DECALS,4FT,500LB AN.....1 (S-125) Railing Assemblies with Word Decals; USA/Canada models; from SN 1293		--	101380	PLAT RAIL ASSY,6FT,AUSTRALIA (S-125) Railing Assemblies with Word Decals; Australia models	
31B	111270	PLAT RAILW/DECALS,4FT,750LB AN (S-120) Railing Assemblies with Word Decals; USA/Canada models; from SN 1293		--	101383	PLAT RAIL ASSY,8FT,AUSTRALIA (S-125) Railing Assemblies with Word Decals; Australia models	
--	111251	PLAT RAILW/DECALS,5FT,500LB AN (S-125) Railing Assemblies with Word Decals; USA/Canada models; from SN 1293		--	111259	PLAT RAILW/DECLAS 5FT 750 AUST (S-120) Railing Assemblies with Word Decals; Australia models	
--	111252	PLAT RAILW/DECALS 6FT 500LB AN (S-125) Railing Assemblies with Word Decals; USA/Canada models; from SN 1293		--	111260	PLAT RAILW/DECALS 6FT 750 AUST (S-120) Railing Assemblies with Word Decals; Australia models	
--	111253	PLAT RAILW/DECALS 8FT 500 ANSI (S-125) Railing Assemblies with Word Decals; USA/Canada models; from SN 1293		--	111261	PLAT RAILW/DECALS 8FT 750 AUST (S-120) Railing Assemblies with Word Decals; Australia models	
--	111271	PLAT RAILW/DECALS,5FT,750LB AN (S-120) Railing Assemblies with Word Decals; USA/Canada models; from SN 1293		31D	101373	PLATFORM ASSEMBLY,4FT,CE/UK.....1 (S-125) Railing Assemblies with Symbol Decals; European models	
--	111272	PLAT RAILW/DECALS 6FT 750 ANSI (S-120) Railing Assemblies with Word Decals; USA/Canada models; from SN 1293		31D	111262	PLAT RAILW/DECALS 4FT 750 EURO.....1 (S-120) Railing Assemblies with Symbol Decals; European models	
--	111273	PLAT RAILW/DECALS 8FT 750 ANSI (S-120) Railing Assemblies with Word Decals; USA/Canada models; from SN 1293		--	101376	PLATFORM ASSEMBLY,5FT,CE/UK (S-125) Railing Assemblies with Symbol Decals; European models	
31C	101374	PLAT ASSEMBLY,4FT,AUSTRALIA.....1 (S-125) Railing Assemblies with Word Decals; Australia models		--	101379	PLATFORM RAIL ASSY,6FT,CE/UK (S-125) Railing Assemblies with Symbol Decals; European models	
31C	111258	PLAT RAILW/DECALS 4FT 750 AUST.....1 (S-120) Railing Assemblies with Word Decals; Australia models		--	101382	PLATFORM RAIL ASSY,8FT,CE/UK (S-125) Railing Assemblies with Symbol Decals; European models	
				--	111263	PLAT RAILW/DECLAS 5FT 750 EURO (S-120) Railing Assemblies with Symbol Decals; European models	
				--	111264	PLAT RAILW/DECALS 6FT 750 EURO (S-120) Railing Assemblies with Symbol Decals; European models	
				--	111265	PLAT RAILW/DECALS 8FT 750 EURO (S-120) Railing Assemblies with Symbol Decals; European models	

602.1 Platform Installation - View 2
(continued)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
31E	101375	PLAT ASSEMBLY,4FT,ASIA/S AM.....1 (S-125) Railing Assemblies with Symbol Decals; Asia/South American models		37	60160P	FLOORING,4 FT PLATFORM,PAINTED.....1	
				--	54247P	FLOORING,5 FT PLATFORM,PAINTED	
31E	111266	PLAT RAILW/DECALS 750 AISA/SOA.....1 (S-120) Railing Assemblies with Symbol Decals; Asia/South American models		--	73477P	FLOORING, 6'FT PLATFORM	
				--	73478P	FLOORING, 8'FT PLATFORM	
--	101378	PLAT ASSEMBLY,5FT,ASIA/S AM (S-125) Railing Assemblies with Symbol Decals; Asia/South American models		38	54274	SCREW,STEP BOLT,1/4-20 X .75	
--	101381	PLAT ASSEMBLY,6FT,ASIA/S AM (S-125) Railing Assemblies with Symbol Decals; Asia/South American models		39	228465	KIT, FOOTSWITCH, SUPERBOOM.....1 <i>Pervious foot switch is no longer available. Order kit 228465 for first time replacement (kit includes foot switch 227515); to SN 3091</i>	
--	101384	PLAT ASSEMBLY,8FT,ASIA/S AM (S-125) Railing Assemblies with Symbol Decals; Asia/South American models		--	227515	ASSEMBLY,FOOT SWITCH from SN 3092	
--	111267	PLAT RAILW/DECALS 5FT 750A/SOA (S-120) Railing Assemblies with Symbol Decals; Asia/South American models		--	33576	CONN,SQZ,BLK,1/2NPT,.38-.50,SM	
--	111268	PLAT RAILW/DECALS 6FT 750A/SOA (S-120) Railing Assemblies with Symbol Decals; Asia/South American models		40	32710	GUARD,FOOTSWITCH,W/DECAL STEEL.....1 <i>to SN 470</i>	
--	111269	PLAT RAILW/DECALS 8FT 750A/SOA (S-120) Railing Assemblies with Symbol Decals; Asia/South American models		--	73931	GUARD,FOOTSWITCH,W/DECAL ALUM <i>USA/Canada/Australia; from SN 471 to 2709</i>	
32	122755	UBOLT,FLATTENED,1.5DIAX3/8 UNC		--	147221	GUARD,FOOTSWITCH,W/DECAL ALUM <i>USA/Canada/Australia; from SN 2710</i>	
32	6550	U-BOLT,3/8 X 1 YZ		--	63766	COVER,FOOT SWITCH <i>Europe/Asia/South America; from SN 471 to 2709</i>	
33	4828	NUT,NYLOCK,3/8-16 (S-120 only)		--	147121	COVER, FOOT SWITCH, LARGE <i>Europe/Asia/South America; from SN 2710</i>	
34	54355	WASHER,FLAT,SAE,3/8",Y (S-120 only)		41	75039-S	PLATE,AXLE PIN RETAINER.....2 <i>from SN 1028</i>	
35	56927	PAD,REST,2"THICK,W/STUDS*.....2 (S-120 only)		42		Ref. Platform Controls (refer to 603.1)	
36	61216-S	WELDMENT,PLAT. STOWED SUPPORT.....1 (S-120 only)		43		Ref. Platform Controls Cover (refer to 802.1)	

603.1 Platform Controls



603.1 Platform Controls

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	122021	CONTROL BOX ASSY,PLATFORM to SN 2666		9	Ref.	JOYSTICK.....1 Single axis for boom extend/retract function, refer to 604.1 or 604.2	
--	146137	CONTROL BOX ASSY, PCON 210 from SN 2667 to 2709		10		Ref., JOYSTICK.....1 Dual axis for boom up/down and turntable rotate left/right functions, refer to 604.1 or 604.2	
--	146389	CONTROL BOX ASSY, PCON V3.00 from SN 2710		10	Ref.	JOYSTICK.....1 Dual axis for boom up/down and turntable rotate left/right functions, refer to 604.1 or 604.2	
--	58626	CONTROL BOX (122021) NO COVER					
--	58629	COVER ASSY,CONTROL BOX,122021 includes only cover and gasket		11	62382	GASKET,PLATF. CNTRLS.SUPERBOOM.....1	
--	65182	DECAL,PLATFORM CONTROL PANEL**		12	62386	SCREW,LOCKING FLANGE 6/32X.375	
--	111414	JOYSTICK CONNECTOR ASSEM,AMP to SN 1616		13	60384	HARNESS,PCON J2.....1 (S-125) to SN 3145	
--	111413	JOYSTICK CONNECTOR ASSEM,DEUT from SN 1617		13	60950	HARNESS,PCON J2,(MANIFOLD).....1 (S-120)	
1	50810	SWITCH,MEMBRANE,PLATFORM.1		--	122954	HARNESS,J2 PLAT MANFD W/JIB (S-125) from SN 3146	
2	122519	KIT,ESTOP SVC LARGE BOOM.....1		--	60513	CONN,PLUG 23 WAY,16-20 GA WHT	
3	66812	BUTTON,PUSH,RED MUSHROOM HEAD		--	61283	SLEAVING,PARKER TEK,2.00"	
--	146478	BOOT(BELLOWS),E-STOP,BLACK		--	83122	TERM,GOLD SOC,16-18GA EACH	
--	66818	CONTACT,NC.....1		14A	75408	HARNESS,BOOM/SAE UPPER S125.....1 to SN 2709	
--	66821	BASE,WITHOUT CONTACTS		--	61283	SLEAVING,PARKER TEK,2.00" to SN 2709	
4	7339	SCREW,HHC,1/4-20 X .5		--	83122	TERM,GOLD SOC,16-18GA EACH to SN 2709	
5	6356	WASHER,LOCK,.25		14B	146194	HARNESS, BOOM/SAE UPPER S125 from SN 2710	
6	75144	WASHER,FLAT,SAE 1/4",ZINC		--	121657	FUSE HOLDER,ATC 1-20 AMPS from SN 2710	
7	62385	SCREW,PHM,M5X.8X10MM SELF TAP		--	69864	FUSE,5 AMP,ATC from SN 2710	
8		Ref., JOYSTICK.....1 Dual axis for drive and steer functions or use joystick 101005, refer to 604.1 or 604.2		15	62387	SCREW,PHM, 4-20 X .25 SELF TAP	
8	Ref.	JOYSTICK.....1 Dual axis for drive and steer functions or use joystick 101005, refer to 604.1 or 604.2		16	62379	ALARM,AUDIO,SUPERBOOM*.....1	
--		Ref., JOYSTICK Control handle for drive function and thumb rocker for steer function		--	72326	NUT - PLASTIC,RING FOR ALARMS	
--	Ref.	JOYSTICK Control handle for drive function and thumb rocker for steer function		17	122362	FIELD KIT,PLAT,RECOVERY platform level recovery option	
9		Ref., JOYSTICK.....1 Single axis for boom extend/retract function, refer to 604.1 or 604.2		--	122343	DECAL,LABEL,PLAT LVL.RECOVERY	
				--	122461	HARNESS,PLAT LEVEL RECOVERY	

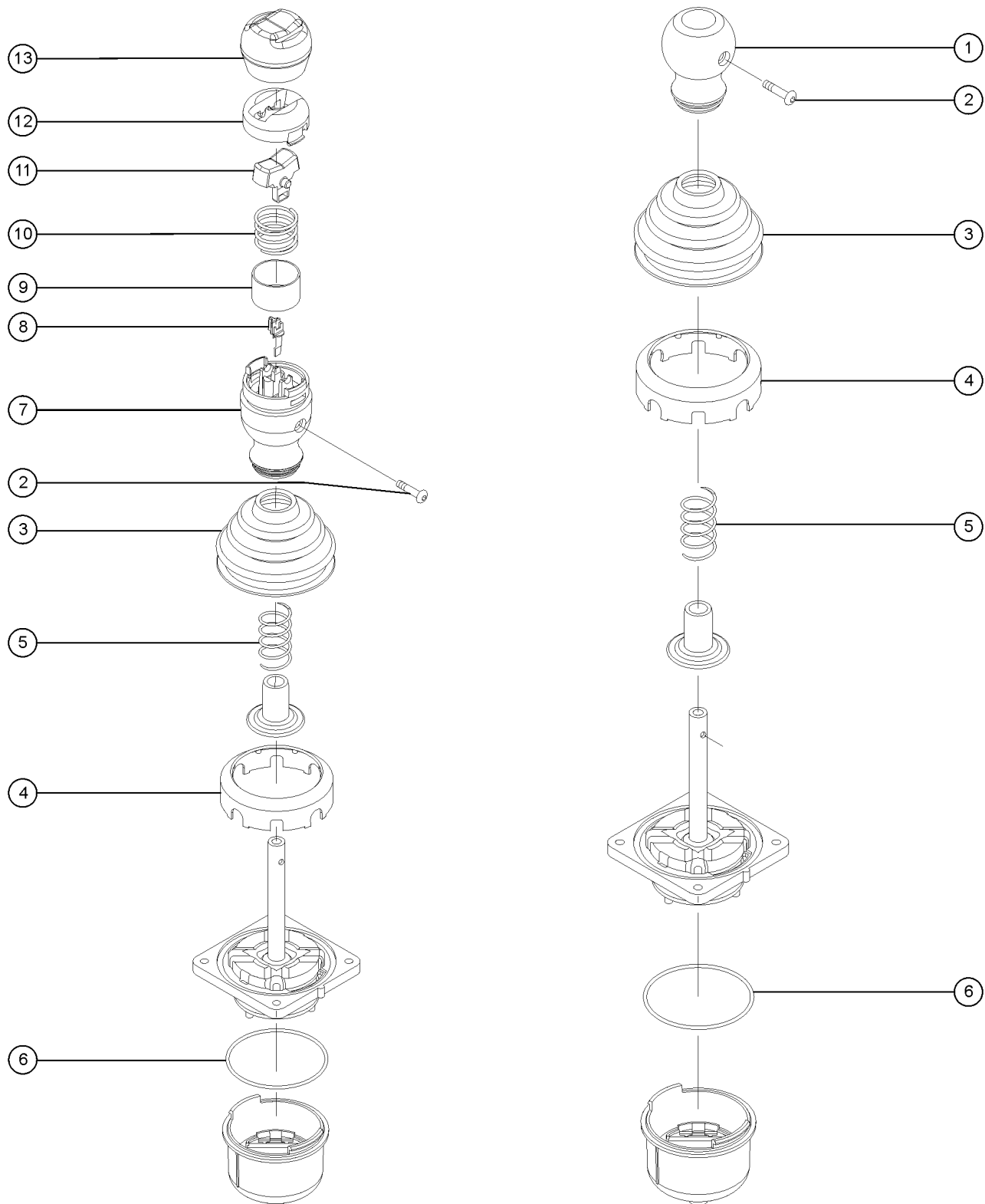
603.1 Platform Controls

(continued)

Item	Part No.	Description	Qty.
--	128203	SWITCH TOGGLE ASSY SPDT 2P MOM	
--	229567	PLUG, SANTOPRENE .5 BLACK DOME <i>use if field kit part 122362 is not installed</i>	
18	30997	CORROSION INHIBITOR,FOAM.....1	
19	62388	LANYARD,BEAD CHAIN, TCON.....2	
20	62389	NUT,HEX,6/32 W/STAR WASHER	
21	62383	PCB,ASSY,ECM,PLAT, VER 1.08.....1 <i>from SN 313 to 798</i>	
--	122078	HARNESS,PCON INTERNAL CONTROL <i>from SN 1617</i>	
--	122401	PCB,ASSY,ECM,PLATFORM,VER 110 <i>from SN 799 to 2666</i>	
--	146138	PCB,ASSY,ECM,PLATFORM,VER 210 <i>from SN 2667 to 2709</i>	
--	146390	PCB,ASSY,ECM,PLATFORM,VER 3.00 <i>from SN 2710</i>	
--	34052	RELAY,SPDT,12V(AUTO) PLUG IN**	
--	75140	HARNESS,PCON INTERNAL CONTROL <i>to SN 1616</i>	
22	62399	PCB,MEMBRANE/LED,SB/Z80.....1	
23	13037-S	SWITCH,TOGGLE,SPDT,3POS MOMEN*.....3	
24	75141	PLATE,TOGGLE SWITCH MOUNT,PCON.....1	
25	27246	BOOT,TOGGLE SWITCH,SHORT*.....3	
26	75142	CABLE TIE,STUD MOUNT (PCON).....5	

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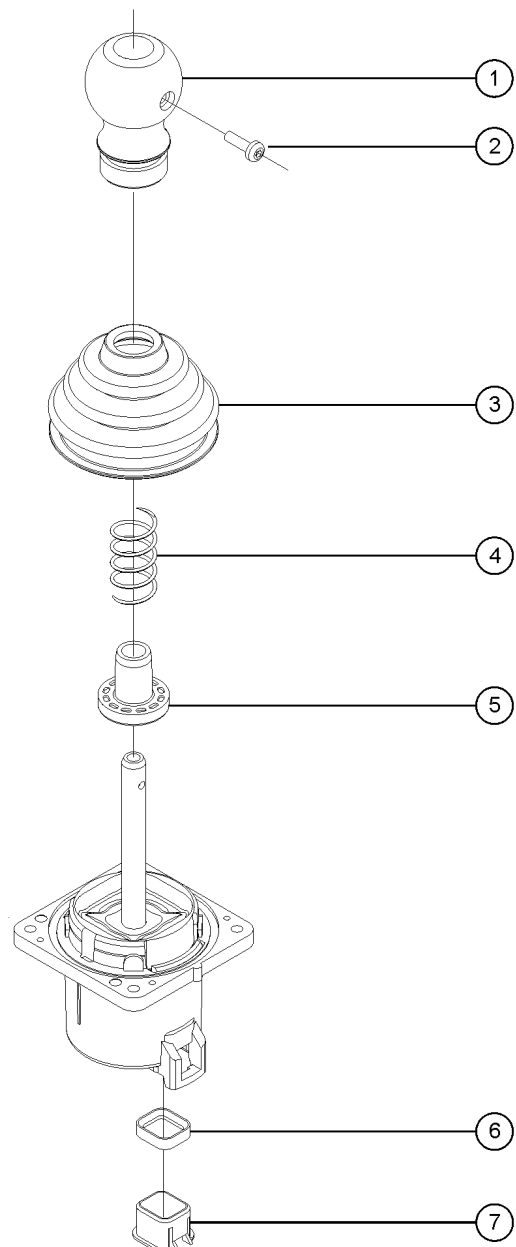
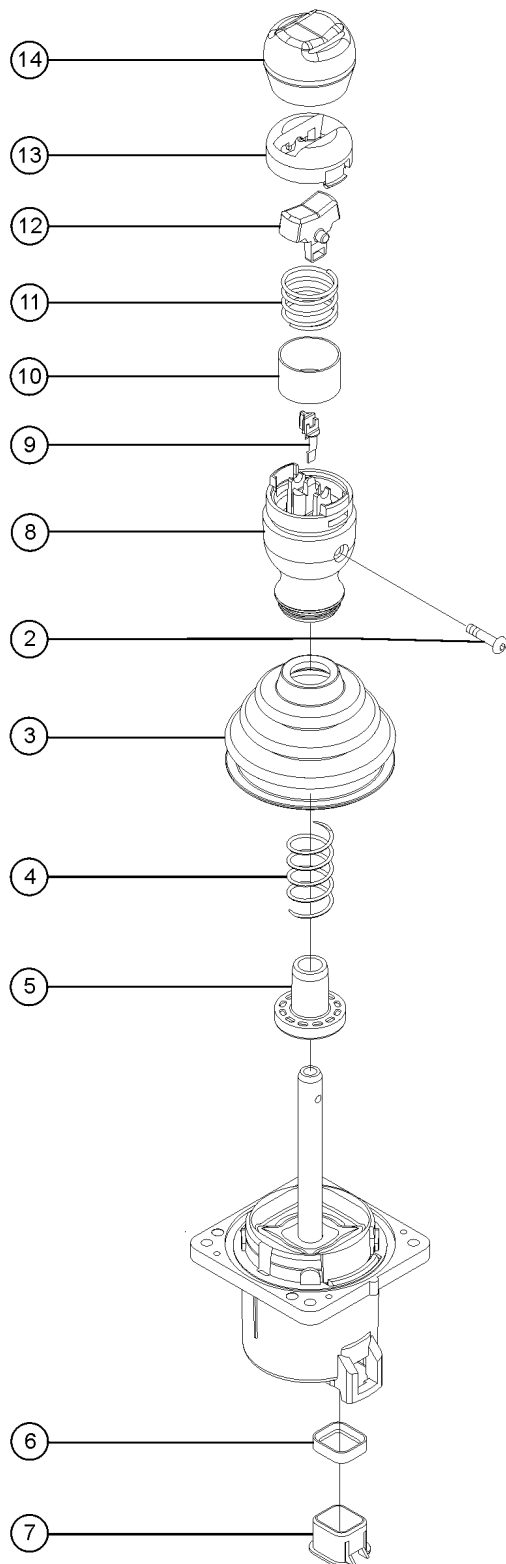
604.1 Joysticks (to SN 1616)



604.1 Joysticks (to SN 1616)

Item	Part No.	Description	Qty.
--	111417	JOYSTICK W/HARN ADPTR, 2 AXIS <i>this kit converts joystick to Deutsch style connection (OEM joystick); after first time replacement, refer to section 604.2</i>	
--	111415	JOYSTICK W/HARN ADPTR, 1 AXIS <i>this kit converts joystick to Deutsch style connection (OEM joystick); after first time replacement, refer to section 604.2</i>	
--	111416	JOYSTICK W/HARN ADPTR KIT RCKR <i>this kit converts joystick to Deutsch style connection (OEM joystick); after first time replacement, refer to section 604.2</i>	
--	83098	TERM,AMP MTE,SOC,22-26 GA BULK	
--	119613	HARN JOYSTICK ADAPTOR JS100 <i>for first time replacement only</i>	
1	62392	KNOB,JOYSTICK, 62390/62391.....1	
2	T112626	SCREW, PHM, #6-32 X .625 ZINC.....1	
3	139598	BOOT,JOYSTICK.....1	
4	75143	BOOT GUARD, JOYSTICK 62390/91.....1	
5	62395	SPRING,JOYSTK CENTR,62390/91.....1	
6		O-RING,JOYSTICK, 62390/62391...1 <i>no longer available from supplier</i>	
7	75449	KNOB,ROCKER JOYSTICK 75565.....1	
8	75448	SUPPORT,SENSOR,JOYSTICK.....1	
9	75447	SWITCH SHIELD,ROCK JOYSTK75565.....1	
10	75446	SPRING,SWITCH CENTERING,75565.....1	
11	75445	ROCKER ASSY.,MAGNETIC 75565.....1	
12	75444	ROCKER,RETAINER, 75565.....1	
13	75443	BOOT, ROCKER JOYSTICK 75565.....1	

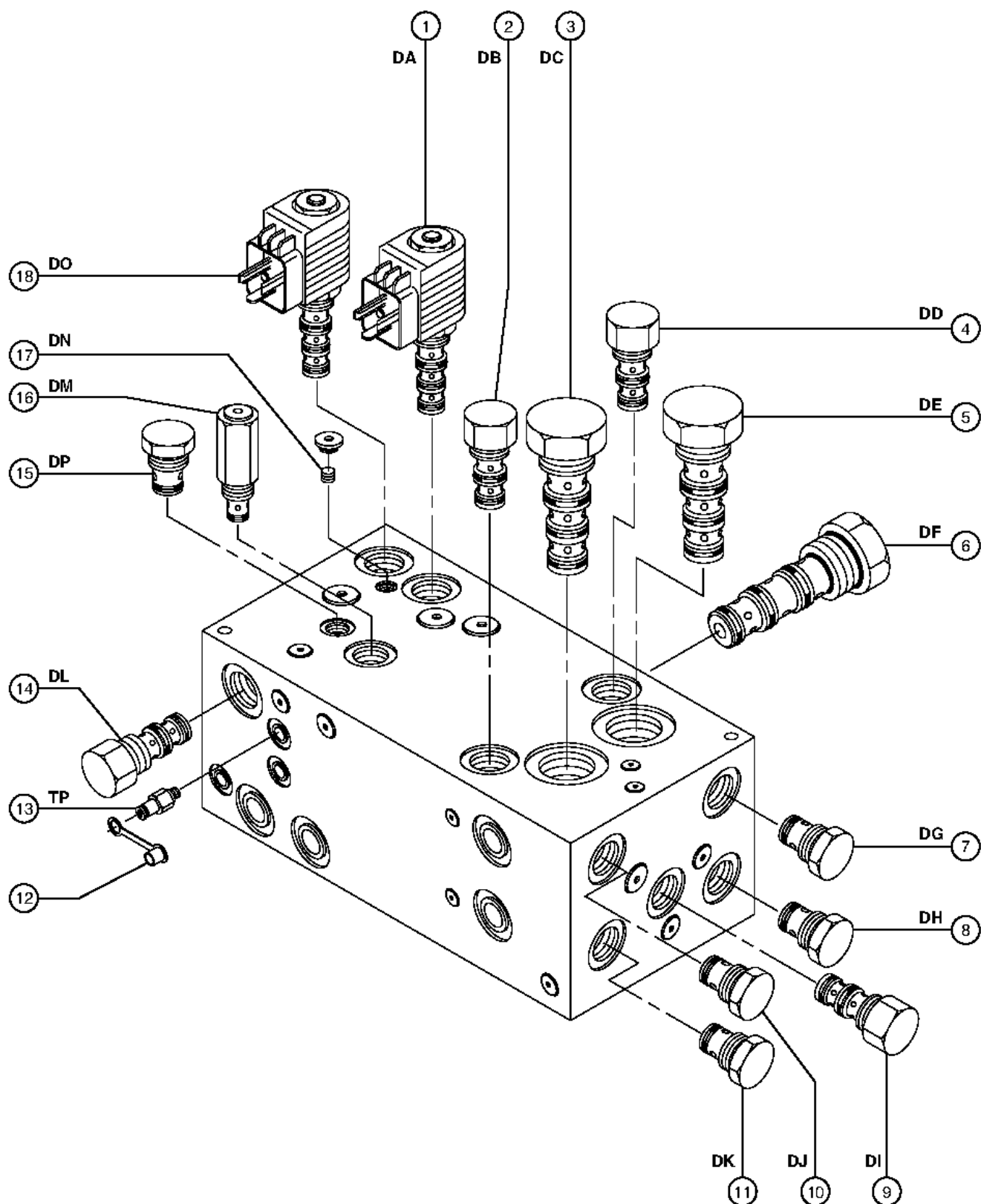
604.2 Joysticks (from SN 1617)



604.2 Joysticks (from SN 1617)

Item	Part No.	Description	Qty.
--	101174	JOYSTICK,2 AXIS,DEUTSCH <i>OEM joystick (calibration required after replacement)</i>	
--	101174H	JOYSTICK,DUAL AXIS W/KNOB <i>aftermarket joystick (calibration required after replacement)</i>	
--	101175	JOYSTICK,1 AXIS,DEUTSCH <i>OEM joystick (calibration required after replacement)</i>	
--	101175H	JOYSTICK,SINGLE AXIS W/KNOB <i>aftermarket joystick (calibration required after replacement)</i>	
--	101005	JOYSTICK,1 AXIS ROCKER,DEUTSCH <i>OEM joystick (calibration required after replacement)</i>	
--	101005H	JOYSTICK,SINGLE AXIS W/STEER <i>aftermarket joystick (calibration required after replacement)</i>	
--	83098	TERM,AMP MTE,SOC,22-26 GA BULK	
--	119613	HARN JOYSTICK ADAPTOR JS100 to SN 419	
1	62392	KNOB,JOYSTICK, 62390/62391.....	1
2	T112626	SCREW, PHM, #6-32 X .625 ZINC.....	1
3	139598	BOOT,JOYSTICK.....	1
4	62395	SPRING,JOYSTK CENTR,62390/91.....	1
5	119915	COLLAR,JOYSTICK,CENTER.....	1
6	128000	SEAL, CONNECTOR (DT JOYSTICKS).....	1
7	128001	SLEEVE,CONNECTOR,DT JOYSTICKS.....	1
8	75449	KNOB,ROCKER JOYSTICK 75565.....	1
9	75448	SUPPORT,SENSOR,JOYSTICK.....	1
10	75447	SWITCH SHIELD,ROCK JOYSTK75565.....	1
11	75446	SPRING,SWITCH CENTERING,75565.....	1
12	75445	ROCKER ASSY.,MAGNETIC 75565.....	1
13	75444	ROCKER,RETAINER, 75565.....	1
14	75443	BOOT, ROCKER JOYSTICK 75565.....	1

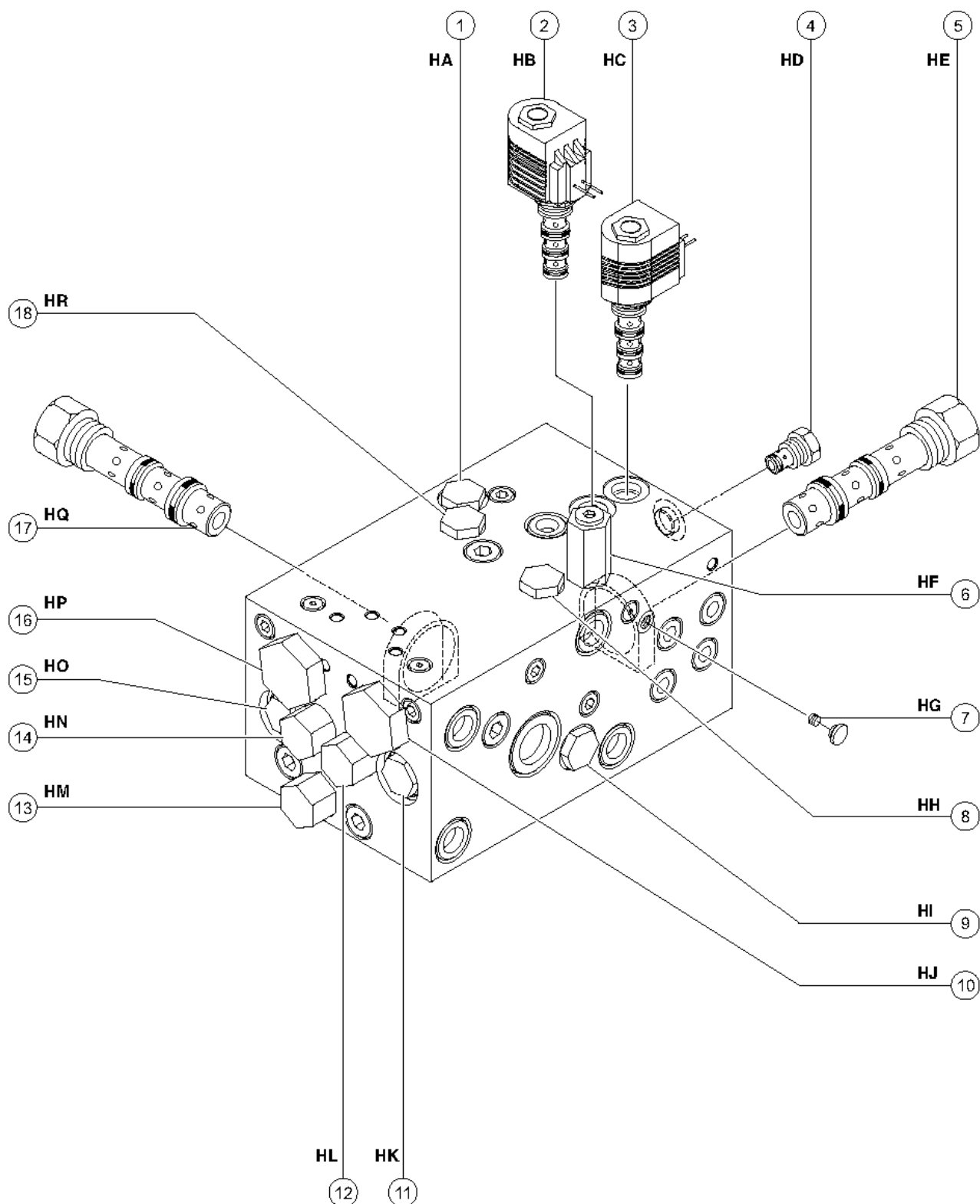
701.1 Traction Manifold (to SN 1195)



701.1 Traction Manifold (to SN 1195)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	50172	MANIFOLD,TRACTION 4WD <i>Complete</i>		--	20224	DIAGNOSTIC FEMALE Q-DSCNT	
1	62366	VALVE,SOLENOID,2POS 3WAY,DIN <i>DA, Two-speed control</i>		14	62369	VALVE,SHUTTLE, 3 POS. 3 WAY <i>DL, Charge pressure circuit that gets hot oil out of low pressure side of drive pump</i>	
--	52943	NUT,SOLENOID VALVE		--	84134	SEAL KIT, VALVE	
--	62367	COIL,62366,12VDC W/DIN,SIZE 8		15	45543	VALVE,CHECK, 50 PSI <i>DP, Two-speed/brake charge pressure circuit</i>	
--	72043	SEAL KIT,SOLENOID VALVE		--	74902	SEAL KIT, VALVE	
2	52723	VALVE-FLOW REGULATOR 2 GPM <i>DB, Drive slip limit, circle end 2 gpm / 7.6 L/min</i>		16	31406	VALVE,RELIEF 250 PSI*** <i>DM, Charge pressure circuit</i>	
--	89310	SEAL KIT, SOLENOID VALVE		--	110194	SEAL KIT, VALVE, #10	
3	52726	VALVE,FLOW DIVIDER/COMBINER <i>DC, Controls flow to circle-end drive motors in forward and reverse</i>		17	52724	PLUG,ORIFICE,0.030 (50684) <i>DN, Brake release and two-speed shift control</i>	
--	84135	SEAL KIT, VALVE		18	62366	VALVE,SOLENOID,2POS 3WAY,DIN <i>DO, Brake control</i>	
4	52723	VALVE-FLOW REGULATOR 2 GPM <i>DD, Drive slip limit, square end</i>		--	52943	NUT,SOLENOID VALVE	
--	89310	SEAL KIT, SOLENOID VALVE		--	62367	COIL,62366,12VDC W/DIN,SIZE 8	
5	52726	VALVE,FLOW DIVIDER/COMBINER <i>DE, Controls flow to square-end drive motors in forward and reverse</i>		--	72043	SEAL KIT,SOLENOID VALVE	
--	84135	SEAL KIT, VALVE					
6	52726	VALVE,FLOW DIVIDER/COMBINER <i>DF, Controls flow to front and rear flow divider/combiner valves DC and DE</i>					
--	84135	SEAL KIT, VALVE					
7	20318	VALVE,CHECK CP100-2-B-O-005 <i>DG, Anti-cavitation</i>					
--	110194	SEAL KIT, VALVE, #10					
8	20318	VALVE,CHECK CP100-2-B-O-005 <i>DH, Anti-cavitation</i>					
--	110194	SEAL KIT, VALVE, #10					
9	62368	VALVE,FLOW REGULATOR, 2.7 GPM <i>DI, Drive slip limit, front and rear</i>					
--	89310	SEAL KIT, SOLENOID VALVE					
10	20318	VALVE,CHECK CP100-2-B-O-005 <i>DJ, Anti-cavitation</i>					
--	110194	SEAL KIT, VALVE, #10					
11	20318	VALVE,CHECK CP100-2-B-O-005 <i>DK, Anti-cavitation</i>					
--	110194	SEAL KIT, VALVE, #10					
12	48880	CAP,DIAGNOSTIC NIPPLE					
13	48997	NIPPLE,DIAGNOSTIC,#4 PORT*** <i>TP, Testing</i>					

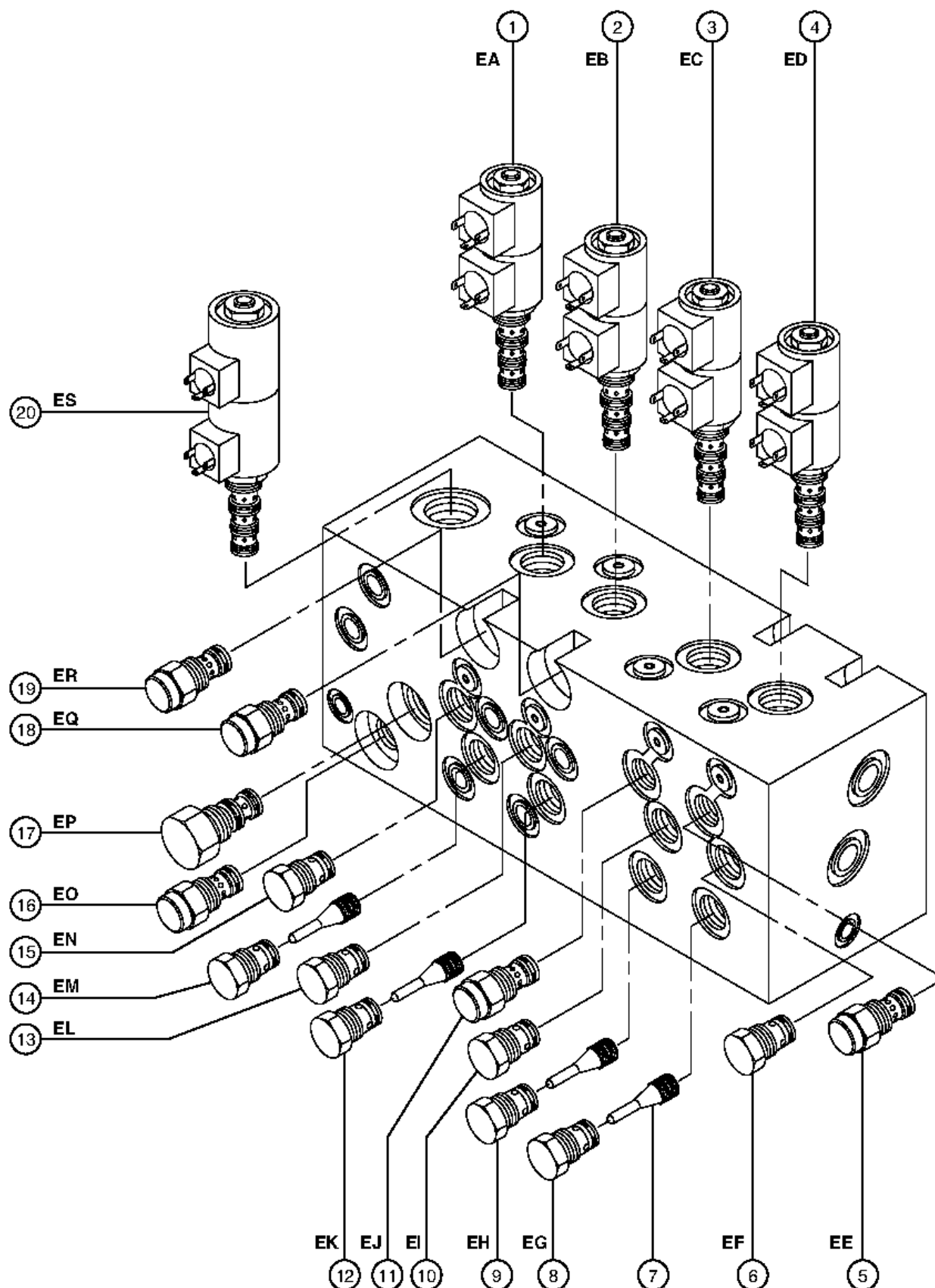
701.2 Traction Manifold (from SN 1196)



701.2 Traction Manifold (from SN 1196)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	70241	MANIFOLD,TRACTION,4WD <i>Complete from SN 1196</i>		--	89310	SEAL KIT, SOLENOID VALVE	
1	27836	VALVE,CHECK,5 PSI <i>HA, Anti-cavitation; from SN 1196</i>		14	52723	VALVE-FLOW REGULATOR 2 GPM <i>HN, Equalizes pressure on both sides of divider/combiner valve FQ</i>	
--	110194	SEAL KIT, VALVE, #10		--	89310	SEAL KIT, SOLENOID VALVE	
2	77489	VALVE,SOLENOID 2 POS.3 WAY <i>HB, Two-speed drive motor shift</i>		15	69873	VALVE, CHECK <i>HO, Anti-cavitation</i>	
--	72043	SEAL KIT,SOLENOID VALVE		--	74902	SEAL KIT, VALVE	
3	77489	VALVE,SOLENOID 2 POS.3 WAY <i>HC, Brake release</i>		16	62252	VALVE, FLOW DIVIDER COMBINER <i>HP, Controls flow to circle end drive motors in forward and reverse</i>	
--	72043	SEAL KIT,SOLENOID VALVE		--	84135	SEAL KIT, VALVE	
4	69873	VALVE, CHECK <i>HD, Keeps brakes released in case of temporary loss of charge pressure</i>		17	52726	VALVE,FLOW DIVIDER/COMBINER <i>HQ, Controls flow to divider/combiner valves FJ and FP</i>	
--	74902	SEAL KIT, VALVE		--	84135	SEAL KIT, VALVE	
5	27761	VALVE,SHUTTLE <i>HE, Charge pressure circuit that directs hot oil out of low pressure side of drive pump</i>		18	69873	VALVE, CHECK <i>HR, Anti-cavitation</i>	
--	84134	SEAL KIT, VALVE		--	74902	SEAL KIT, VALVE	
6	62253	VALVE,RELIEF,250 PSI <i>HF, Charge pressure circuit</i>					
--	74902	SEAL KIT, VALVE					
7	102496	ORIFICE,PLUG 0.030 <i>HG, Brake and two-speed circuit</i>					
8	69873	VALVE, CHECK <i>HH, Anti-cavitation</i>					
--	74902	SEAL KIT, VALVE					
9	27836	VALVE,CHECK,5 PSI <i>HI, Anti-cavitation</i>					
--	110194	SEAL KIT, VALVE, #10					
10	62252	VALVE, FLOW DIVIDER COMBINER <i>HJ, Controls flow to square end drive motors in forward and reverse</i>					
--	84135	SEAL KIT, VALVE					
11	69873	VALVE, CHECK <i>HK, Anti-cavitation</i>					
--	74902	SEAL KIT, VALVE					
12	52723	VALVE-FLOW REGULATOR 2 GPM <i>HL, Equalizes pressure on both sides of divider/combiner valve FJ</i>					
--	89310	SEAL KIT, SOLENOID VALVE					
13	52723	VALVE-FLOW REGULATOR 2 GPM <i>HM, Equalizes pressure on both sides of divider/combiner valve FQ</i>					

702.1 Steer and Axle Extend/Retract Manifold - View 1 (to SN 403)



702.1 Steer and Axle Extend/Retract Manifold - View 1 (to SN 403)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	60357	MANIFOLD,STEERING,4 WHEEL <i>Complete</i>		9	46216	VALVE,CHECK,IWP-S/CWP PWR ASSI <i>EH, Circle end, right side, extend/retract circuit</i>	
1	39346	VALVE,SOLENOID 3 POS.4 WAY*** <i>EA, Square end right side steer circuit</i>		--	44228	SEAL KIT, VALVE	
--	44174	NUT-COIL SHORT		10	46216	VALVE,CHECK,IWP-S/CWP PWR ASSI <i>EI, Reverse flow check, circle end, right side, extend</i>	
--	44229	SEAL KIT, VALVE		--	44228	SEAL KIT, VALVE	
--	44236	SPACER-DUAL COIL,#8***		11	62347	VALVE-FLOW REGULATOR, 1.4 GPM* <i>EJ, Steering cylinder speed, circle end, right side, retract</i>	
--	62345	COIL,SOLENOID VALVE,SIZE 8,DIN		--	44227	SEAL KIT, VALVE	
2	39346	VALVE,SOLENOID 3 POS.4 WAY*** <i>EB, Square end, left side steer circuit</i>		12	46216	VALVE,CHECK,IWP-S/CWP PWR ASSI <i>EK, Square end, left side, cylinder extend circuit</i>	
--	44174	NUT-COIL SHORT		--	44228	SEAL KIT, VALVE	
--	44229	SEAL KIT, VALVE		13	46216	VALVE,CHECK,IWP-S/CWP PWR ASSI <i>EL, Square end, left side, cylinder retract circuit</i>	
--	44236	SPACER-DUAL COIL,#8***		--	44228	SEAL KIT, VALVE	
--	62345	COIL,SOLENOID VALVE,SIZE 8,DIN		14	46216	VALVE,CHECK,IWP-S/CWP PWR ASSI <i>EM, Square end, right side, cylinder extend circuit</i>	
3	39346	VALVE,SOLENOID 3 POS.4 WAY*** <i>EC, Circle end, right side steer circuit</i>		--	44228	SEAL KIT, VALVE	
--	44174	NUT-COIL SHORT		15	46216	VALVE,CHECK,IWP-S/CWP PWR ASSI <i>EN, Square end, right side, cylinder retract circuit</i>	
--	44229	SEAL KIT, VALVE		--	44228	SEAL KIT, VALVE	
--	44236	SPACER-DUAL COIL,#8***		16	62324	VALVE,FLOW CONTROL, 0.1GPM* <i>EO, Pressurizes pilot lines to check valves</i>	
--	62345	COIL,SOLENOID VALVE,SIZE 8,DIN		--	44227	SEAL KIT, VALVE	
4	39346	VALVE,SOLENOID 3 POS.4 WAY*** <i>ED, Circle end, left side steer circuit</i>		17	62323	VALVE,DIFFERENTIAL SENSE110PSI <i>EP, Differential sensing circuit</i>	
--	44174	NUT-COIL SHORT		--	62337	SEAL KIT, VALVE	
--	44229	SEAL KIT, VALVE		18	62347	VALVE-FLOW REGULATOR, 1.4 GPM* <i>EQ, Steering cylinder speed, square end, left side, retract</i>	
--	44236	SPACER-DUAL COIL,#8***					
--	62345	COIL,SOLENOID VALVE,SIZE 8,DIN					
5	62346	VALVE,FLOW REGULATOR, 2.0 GPM* <i>EE, Steering cylinder speed, circle end, left side extend</i>					
--	44227	SEAL KIT, VALVE					
6	46216	VALVE,CHECK,IWP-S/CWP PWR ASSI <i>EF, Reverse flow check, circle end, left side, retract</i>					
--	44228	SEAL KIT, VALVE					
7	62343	PISTON,SINGLE PILOT (CV08)					
8	46216	VALVE,CHECK,IWP-S/CWP PWR ASSI <i>EG, Circle end, left side, extend/retract circuit</i>					
--	44228	SEAL KIT, VALVE					

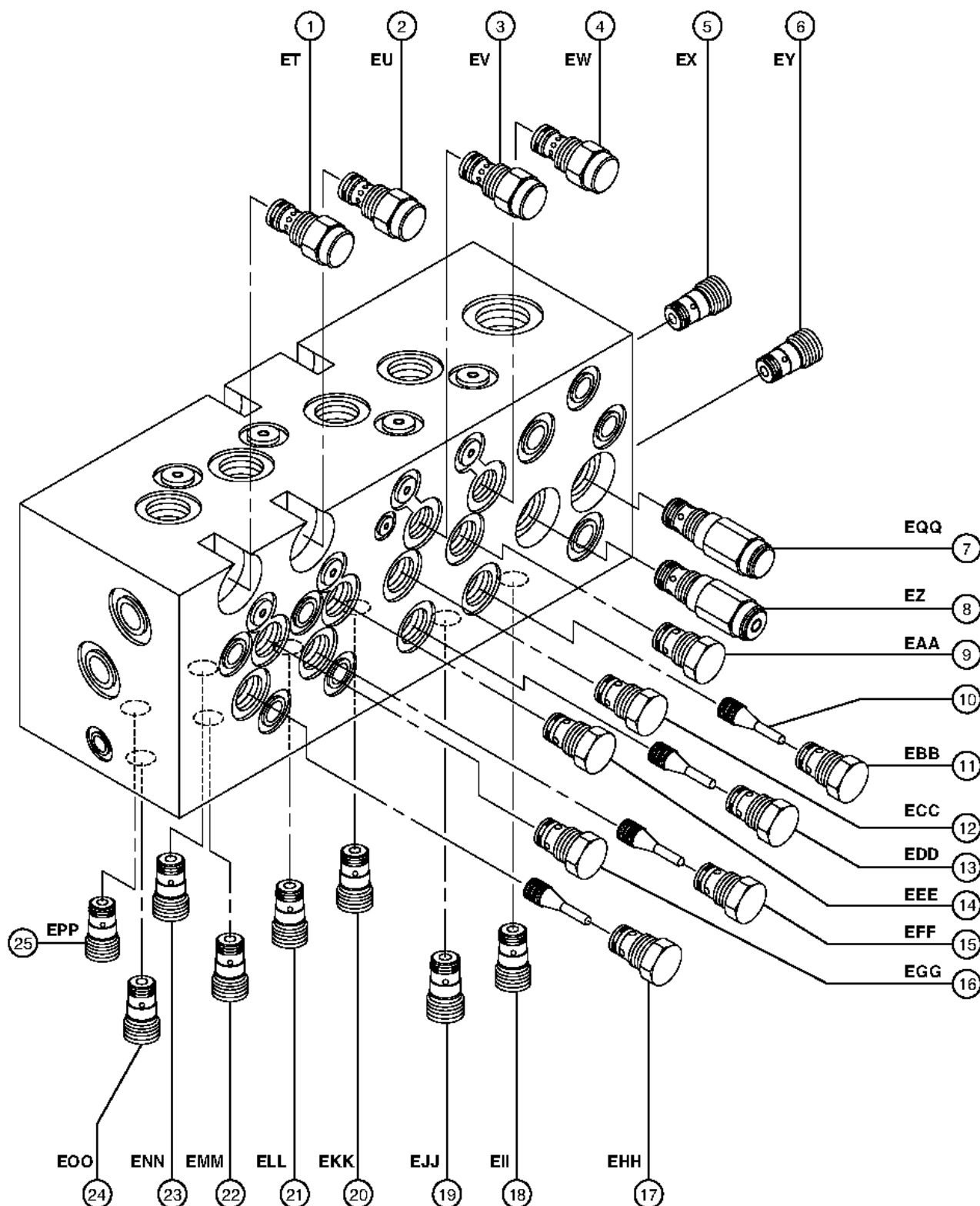
702.1 Steer and Axle Extend/Retract Manifold - View 1 (to SN 403)
(continued)

Item	Part No.	Description	Qty.
--	44227	SEAL KIT, VALVE	
19	62346	VALVE,FLOW REGULATOR, 2.0 GPM* <i>ER, Steering cylinder speed, square end, right side, extend</i>	
--	44227	SEAL KIT, VALVE	
20	62330	VALVE,SOLENOID,3POS 4WAY*** <i>ES, Axle extend/retract</i>	
--	44174	NUT-COIL SHORT	
--	44175	SPACER-DUAL COIL,#10, SCISSORS	
--	44230	SEAL KIT-P.N.44169,44172,44171	
--	62334	COIL,62328/62330,SIZE 10,DIN	

702.1 Steer and Axle Extend/Retract Manifold - View 1 (to SN 403)
(continued)

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703.1 Steer and Axle Extend/Retract Manifold - View 2 (to SN 403)



703.1 Steer and Axle Extend/Retract Manifold - View 2 (to SN 403)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	60357	MANIFOLD,STEERING,4 WHEEL		12	46216	VALVE,CHECK,IWP-S/CWP PWR ASSI <i>ECC, Reverse flow check, square end, left side, retract</i>	
1	62347	VALVE-FLOW REGULATOR, 1.4 GPM* <i>ET, Steering cylinder speed, circle end, left side, retract</i>		--	44228	SEAL KIT, VALVE	
--	44227	SEAL KIT, VALVE		13	46216	VALVE,CHECK,IWP-S/CWP PWR ASSI <i>EDD, Steering cylinder lock, square end, left side, retract</i>	
2	62346	VALVE,FLOW REGULATOR, 2.0 GPM* <i>EU, Steering cylinder speed, circle end, right side, extend</i>		--	44228	SEAL KIT, VALVE	
--	44227	SEAL KIT, VALVE		14	46216	VALVE,CHECK,IWP-S/CWP PWR ASSI <i>EEE, Reverse flow check, round end, right side, retract</i>	
3	62346	VALVE,FLOW REGULATOR, 2.0 GPM* <i>EV, Steering cylinder speed, round end, left end, extend</i>		--	44228	SEAL KIT, VALVE	
--	44227	SEAL KIT, VALVE		15	46216	VALVE,CHECK,IWP-S/CWP PWR ASSI <i>EFF, Steering cylinder lock, round end, right side, retract</i>	
4	62347	VALVE-FLOW REGULATOR, 1.4 GPM* <i>EW, Steering cylinder speed, round end, right side, retract</i>		--	44228	SEAL KIT, VALVE	
--	44227	SEAL KIT, VALVE		16	46216	VALVE,CHECK,IWP-S/CWP PWR ASSI <i>EGG, Reverse flow check, round end, left side, extend</i>	
5	52907	VALVE-CHECK, #4 SAE, 5 PSI* <i>EX, Axle extend load sense, both ends</i>		--	44228	SEAL KIT, VALVE	
--	62341	SEAL KIT,52907,SIZE 4, 2 WAY		17	46216	VALVE,CHECK,IWP-S/CWP PWR ASSI <i>EHH, Steering cylinder lock, round end, left side, extend</i>	
6	52907	VALVE-CHECK, #4 SAE, 5 PSI* <i>EY, Axle retract load sense, both ends</i>		--	44228	SEAL KIT, VALVE	
--	62341	SEAL KIT,52907,SIZE 4, 2 WAY		18	52907	VALVE-CHECK, #4 SAE, 5 PSI* <i>EII, Steering load sense, square end, right side, retract</i>	
7	62365	VALVE,RELIEF,1800 PSI,AXLE EXT <i>EQQ, Axle extend</i>		--	62341	SEAL KIT,52907,SIZE 4, 2 WAY	
--	44227	SEAL KIT, VALVE		19	52907	VALVE-CHECK, #4 SAE, 5 PSI* <i>EJJ, Steering load sense, square end, left side, extend</i>	
8	52374	VALVE,RELIEF,3000PSI,GS68PUMP1 <i>EZ, Steering pressure limit</i>		--	62341	SEAL KIT,52907,SIZE 4, 2 WAY	
--	44227	SEAL KIT, VALVE		20	52907	VALVE-CHECK, #4 SAE, 5 PSI* <i>EKK, Steering load sense, square end, right side, extend</i>	
9	46216	VALVE,CHECK,IWP-S/CWP PWR ASSI <i>EAA, Reverse flow check, square end, right side, extend</i>		--	62341	SEAL KIT,52907,SIZE 4, 2 WAY	
--	44228	SEAL KIT, VALVE		21	52907	VALVE-CHECK, #4 SAE, 5 PSI* <i>ELL, Steering load sense, round end, right side, retract</i>	
10	62343	PISTON,SINGLE PILOT (CV08)		--	62341	SEAL KIT,52907,SIZE 4, 2 WAY	
11	46216	VALVE,CHECK,IWP-S/CWP PWR ASSI <i>EBB, Steering cylinder lock, square end, right side, extend</i>					
--	44228	SEAL KIT, VALVE					

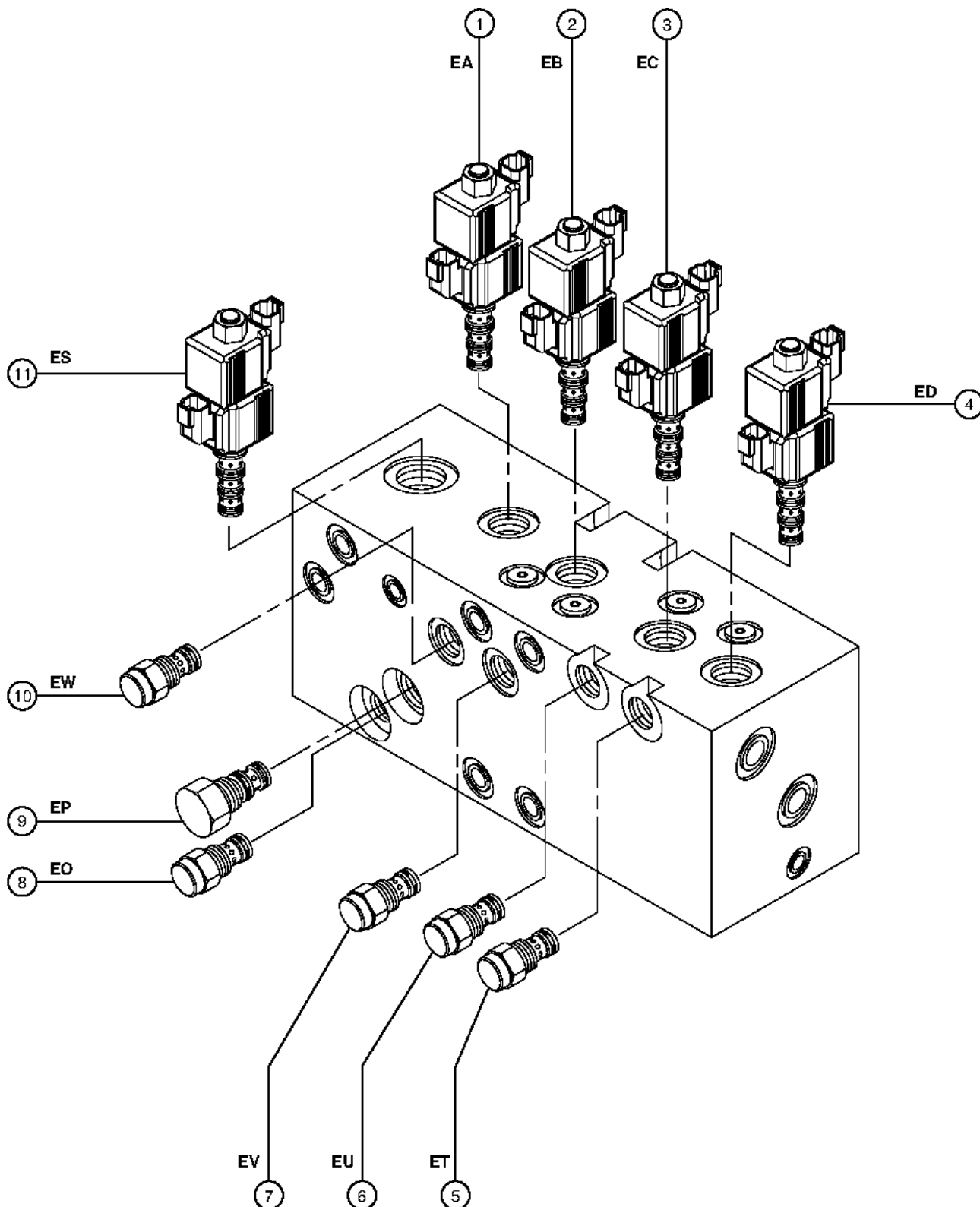
703.1 Steer and Axle Extend/Retract Manifold - View 2 (to SN 403)
(continued)

Item	Part No.	Description	Qty.
22	52907	VALVE-CHECK, #4 SAE, 5 PSI* <i>EMM, Steering load sense, round end, right side, extend</i>	
--	62341	SEAL KIT,52907,SIZE 4, 2 WAY	
23	52907	VALVE-CHECK, #4 SAE, 5 PSI* <i>ENN, Steering load sense, square end, left side, retract</i>	
--	62341	SEAL KIT,52907,SIZE 4, 2 WAY	
24	52907	VALVE-CHECK, #4 SAE, 5 PSI* <i>EOO, Steering load sense, round end, left side, retract</i>	
--	62341	SEAL KIT,52907,SIZE 4, 2 WAY	
25	52907	VALVE-CHECK, #4 SAE, 5 PSI* <i>EPP, Steering load sense, round end, left side, extend</i>	
--	62341	SEAL KIT,52907,SIZE 4, 2 WAY	

703.1 Steer and Axle Extend/Retract Manifold - View 2 (to SN 403)
(continued)

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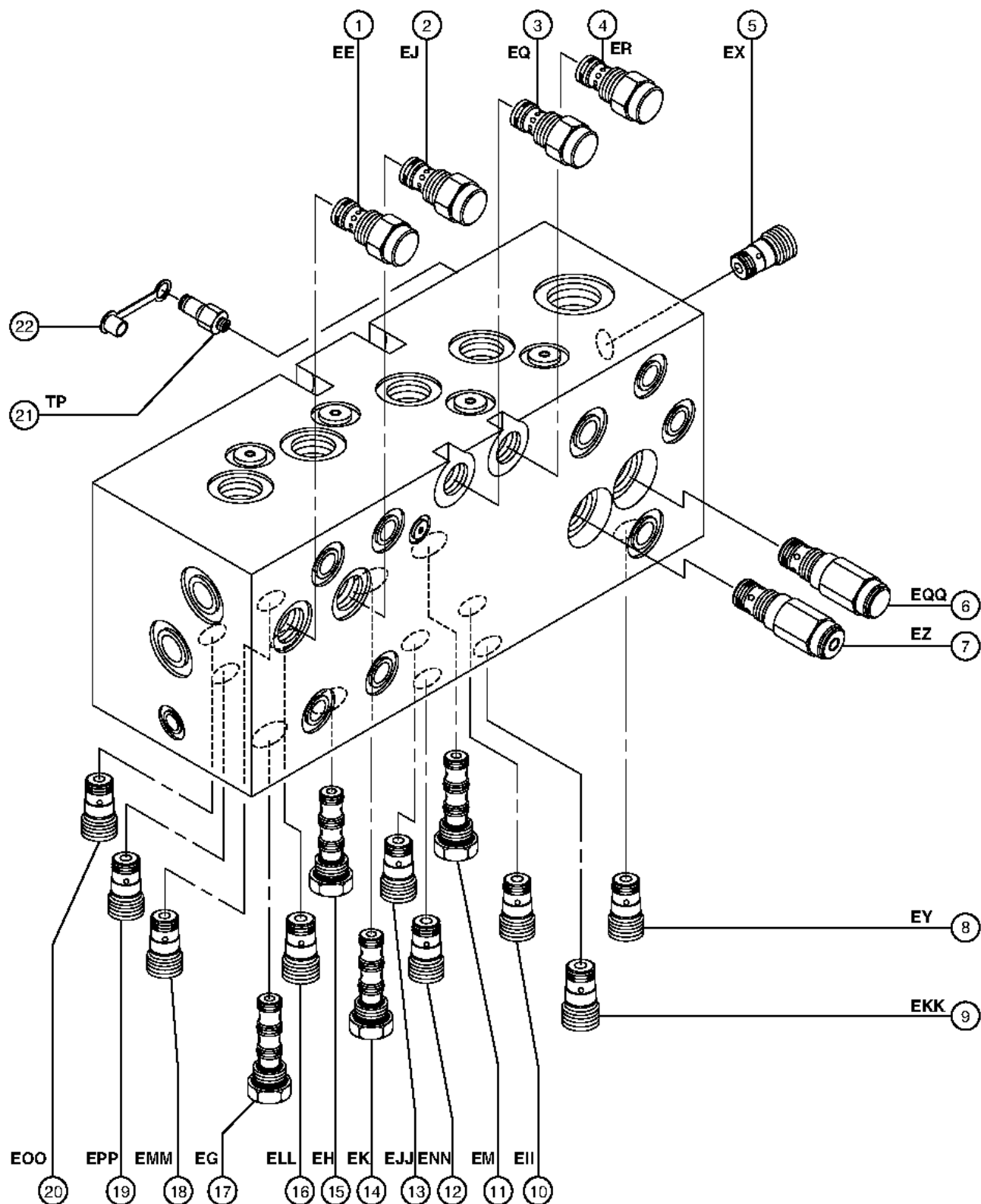
704.1 Steer and Axle Extend/Retract Manifold - View 1 (from SN 404)



704.1 Steer and Axle Extend/Retract Manifold - View 1 (from SN 404)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	75644	MANIFOLD,STEERING,4 WHEEL <i>from SN 404 to SN 521</i>		5	62347	VALVE-FLOW REGULATOR, 1.4 GPM* <i>ET, Steering cylinder speed, round end, right side, retract</i>	
--	75753	MANIFOLD,STEERING,4 WHEEL <i>from SN 522 to SN 1195</i>		--	44227	SEAL KIT, VALVE	
--	102701	MANIFOLD,4 WHEEL STEER <i>from SN 1196</i>		6	62346	VALVE,FLOW REGULATOR, 2.0 GPM* <i>EU, Steering cylinder speed, round end, left side, extend</i>	
1	39346	VALVE,SOLENOID 3 POS.4 WAY*** <i>EA, Steering cylinder control, square end, right side; from SN 404</i>		--	44227	SEAL KIT, VALVE	
--	104759	COIL,12VDC #8 DTSCH IP69 ECOIL <i>from SN 1196</i>		7	62346	VALVE,FLOW REGULATOR, 2.0 GPM* <i>EV, Steering cylinder speed, square end, right side, extend</i>	
--	44174	NUT-COIL SHORT		--	44227	SEAL KIT, VALVE	
--	44229	SEAL KIT, VALVE		8	62324	VALVE,FLOW CONTROL, 0.1GPM* <i>EO, Bleeds off differential valve to tank</i>	
--	44236	SPACER-DUAL COIL,#8***		--	44227	SEAL KIT, VALVE	
--	62345	COIL,SOLENOID VALVE,SIZE 8,DIN <i>from SN 404 to SN 1195</i>		9	62323	VALVE,DIFFERENTIAL SENSE110PSI <i>EP, Meters flow to functions sensing</i>	
2	39346	VALVE,SOLENOID 3 POS.4 WAY*** <i>EB, Steering cylinder control, square end, left side; from SN 404</i>		--	62337	SEAL KIT, VALVE	
--	104759	COIL,12VDC #8 DTSCH IP69 ECOIL <i>from SN 1196</i>		10	62347	VALVE-FLOW REGULATOR, 1.4 GPM* <i>EW, Steering cylinder speed, square end, left side, retract</i>	
--	44174	NUT-COIL SHORT		--	44227	SEAL KIT, VALVE	
--	44229	SEAL KIT, VALVE		11	62330	VALVE,SOLENOID,3POS 4WAY*** <i>ES, Axle extend control</i>	
--	44236	SPACER-DUAL COIL,#8***		--	104760	COIL,12VDC #10DTSCH IP69 ECOIL <i>from SN 1196</i>	
--	62345	COIL,SOLENOID VALVE,SIZE 8,DIN <i>from SN 404 to SN 1195</i>		--	44174	NUT-COIL SHORT	
3	39346	VALVE,SOLENOID 3 POS.4 WAY*** <i>EC, Steering cylinder control, round end, right side; from SN 404</i>		--	44175	SPACER-DUAL COIL,#10, SCISSORS	
--	104759	COIL,12VDC #8 DTSCH IP69 ECOIL <i>from SN 1196</i>		--	44230	SEAL KIT-P.N.44169,44172,44171	
--	44174	NUT-COIL SHORT		--	62334	COIL,62328/62330,SIZE 10,DIN <i>to SN 1195</i>	
--	44229	SEAL KIT, VALVE					
--	44236	SPACER-DUAL COIL,#8***					
--	62345	COIL,SOLENOID VALVE,SIZE 8,DIN <i>from SN 404 to SN 1195</i>					
4	39346	VALVE,SOLENOID 3 POS.4 WAY*** <i>ED, Steering cylinder control, round end left side</i>					
--	104759	COIL,12VDC #8 DTSCH IP69 ECOIL <i>from SN 1196</i>					
--	44174	NUT-COIL SHORT					
--	44229	SEAL KIT, VALVE					
--	44236	SPACER-DUAL COIL,#8***					
--	62345	COIL,SOLENOID VALVE,SIZE 8,DIN <i>to SN 1195</i>					

705.1 Steer and Axle Extend/Retract Manifold - View 2 (from SN 404)



705.1 Steer and Axle Extend/Retract Manifold - View 2 (from SN 404)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	75644	MANIFOLD,STEERING,4 WHEEL to SN 521		11	75453	VALVE,CHECK,DUAL PILOT*** EM, Steering cylinder lock, square end, right side, extend/retract; to SN 1195	
--	75753	MANIFOLD,STEERING,4 WHEEL from SN 522 to SN 1195		--	101958	VALVE,CHECK,DUAL PILOT,135 PSI	
--	102701	MANIFOLD,4 WHEEL STEER from SN 1196		12	52907	VALVE-CHECK, #4 SAE, 5 PSI* ENN, Steering load sense, square end, left side, retract	
1	62346	VALVE,FLOW REGULATOR, 2.0 GPM* EE, Steering cylinder speed		--	62341	SEAL KIT,52907,SIZE 4, 2 WAY	
--	44227	SEAL KIT, VALVE		13	52907	VALVE-CHECK, #4 SAE, 5 PSI* EJJ, Steering load sense, square end, left side, extend	
2	62347	VALVE-FLOW REGULATOR, 1.4 GPM* EJ, Steering cylinder speed, circle end, left side, retract		--	62341	SEAL KIT,52907,SIZE 4, 2 WAY	
--	44227	SEAL KIT, VALVE		14	75453	VALVE,CHECK,DUAL PILOT*** EK, Steering cylinder lock, square end, left side, extend/retract; to SN 1195	
3	62347	VALVE-FLOW REGULATOR, 1.4 GPM* EQ, Steering cylinder speed, square end, right side, retract		--	101958	VALVE,CHECK,DUAL PILOT,135 PSI from SN 1196	
--	44227	SEAL KIT, VALVE		15	75453	VALVE,CHECK,DUAL PILOT*** EH, Steering cylinder lock, circle end, right side, extend/retract; to SN 1195	
4	62346	VALVE,FLOW REGULATOR, 2.0 GPM* ER, Steering cylinder speed, square end, left side, extend		--	101958	VALVE,CHECK,DUAL PILOT,135 PSI from SN 1196	
--	44227	SEAL KIT, VALVE		16	52907	VALVE-CHECK, #4 SAE, 5 PSI* ELL, Steering load sense, circle end, right side, retract	
5	52907	VALVE-CHECK, #4 SAE, 5 PSI* EX, Axle extend load sense, both ends		--	62341	SEAL KIT,52907,SIZE 4, 2 WAY	
--	62341	SEAL KIT,52907,SIZE 4, 2 WAY		17	75453	VALVE,CHECK,DUAL PILOT*** EG, Steering cylinder lock, circle end, left side, extend/retract; to SN 1195	
6	62365	VALVE,RELIEF,1800 PSI,AXLE EXT EQQ, Axle extend		--	101958	VALVE,CHECK,DUAL PILOT,135 PSI from SN 1196	
--	44227	SEAL KIT, VALVE		18	52907	VALVE-CHECK, #4 SAE, 5 PSI* EMM, Steering load sense, circle end, right side, extend	
7	52374	VALVE,RELIEF,3000PSI,GS68PUMP1 EZ, Steering pressure limit; to SN 521		--	62341	SEAL KIT,52907,SIZE 4, 2 WAY	
--	44227	SEAL KIT, VALVE		19	52907	VALVE-CHECK, #4 SAE, 5 PSI* EPP, Steering load sense, circle end, left side, extend	
8	52907	VALVE-CHECK, #4 SAE, 5 PSI* EY, Axle retract load sense, both ends		--	62341	SEAL KIT,52907,SIZE 4, 2 WAY	
--	62341	SEAL KIT,52907,SIZE 4, 2 WAY		20	52907	VALVE-CHECK, #4 SAE, 5 PSI* EOO, Steering load sense, circle end, left side, retract	
9	52907	VALVE-CHECK, #4 SAE, 5 PSI* EKK, Steering load sense, square end, right side, extend		--	62341	SEAL KIT,52907,SIZE 4, 2 WAY	
--	62341	SEAL KIT,52907,SIZE 4, 2 WAY		21	48997	NIPPLE,DIAGNOSTIC,#4 PORT*** TP, Testing; to SN 521	
10	52907	VALVE-CHECK, #4 SAE, 5 PSI* EII, Steering load sense, square end, right side, retract					
--	62341	SEAL KIT,52907,SIZE 4, 2 WAY					

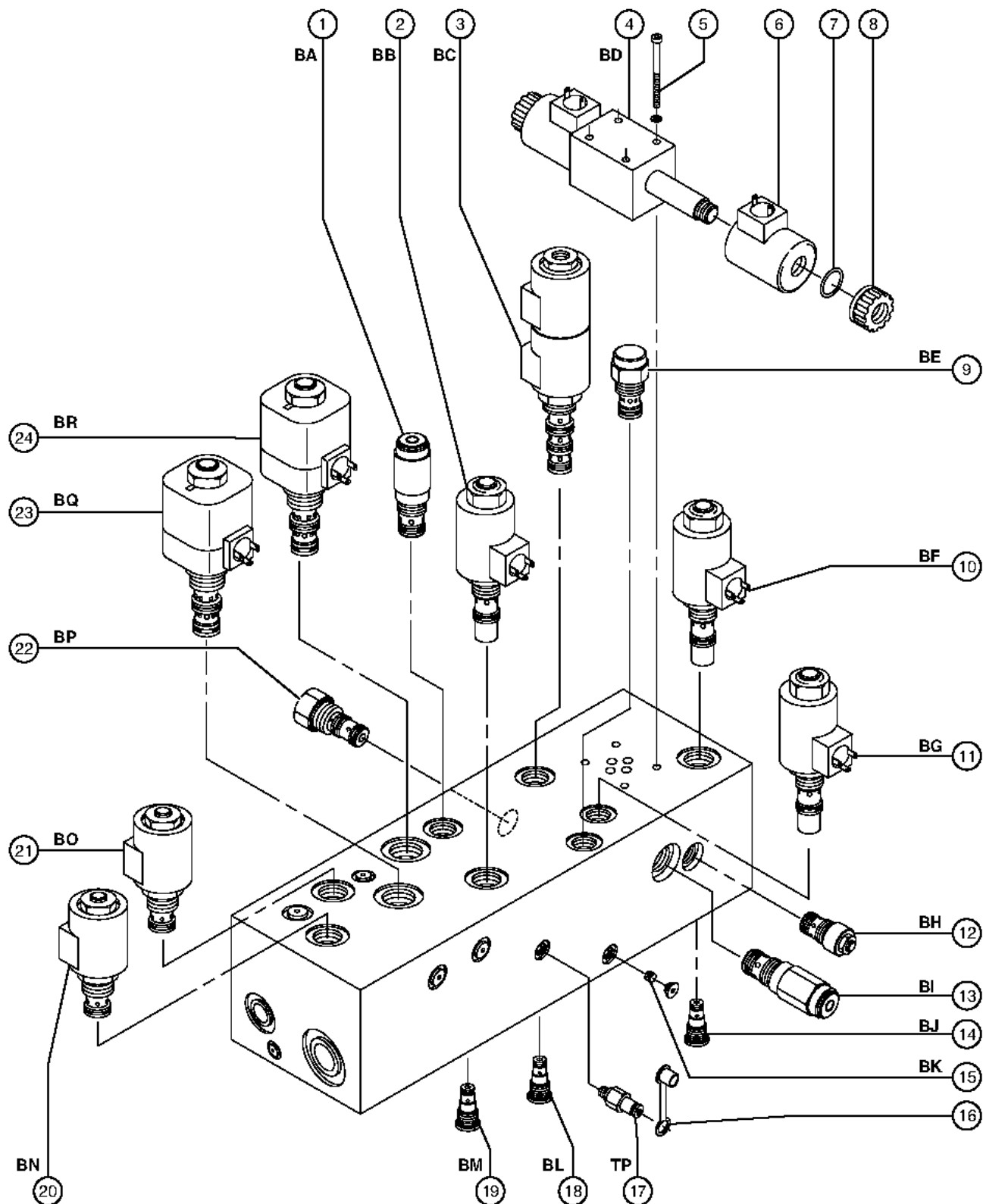
705.1 Steer and Axle Extend/Retract Manifold - View 2 (from SN 404)
(continued)

Item	Part No.	Description	Qty.
--	20224	DIAGNOSTIC FEMALE Q-DSCNT to SN 521	
22	48880	CAP,DIAGNOSTIC NIPPLE to SN 521	

705.1 Steer and Axle Extend/Retract Manifold - View 2 (from SN 404)
(continued)

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706.1 Function Manifold (to SN 430)



706.1 Function Manifold (to SN 430)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	60366	MANIFOLD,FUNCTION S120/125		--	62335	COIL,PROPORTIONAL,62327,DIN	
--	60389	HARNESS,TCON J4,MANIFOLD		11	62326	VALVE,PROPORTIONAL SOLENOID <i>BG, Turntable rotate, proportional speed control</i>	
1	52905	VALVE-RELIEF,1800 PSI <i>BA, Boom extend pressure limit</i>		--	44227	SEAL KIT, VALVE	
--	44227	SEAL KIT, VALVE		--	62332	COIL,PROPORTNL.62326,SIZE8,DIN	
2	62327	VALVE,SOLENOID,PROPORT. N.C. <i>BB, Boom extend/retract proportional speed control</i>		--	62349	NUT,COIL,PROPORTNL.VALVE	
--	52373	SEAL KIT,52372,SOLENOID VALVE		12	62342	VALVE,COUNTERBAL.CBCA-LHN@3200 <i>BH, Boom down circuit, used only on lift cylinder part 50078</i>	
--	52466	NUT,PROPORTNL. COIL,52372,GS68		--	65907	PLUG,CAVITY,T-11A,1-2 OPEN <i>required with lift cylinder part 146324, refer to 501.1 and 501.2</i>	
--	62335	COIL,PROPORTIONAL,62327,DIN		13	62325	VALVE,RELIEF,2600 PSI,SIZE 10 <i>BI, Turntable, boom lift and boom retract pressure limit</i>	
3	62330	VALVE,SOLENOID,3POS 4WAY*** <i>BC, Turntable rotate left/right</i>		--	44224	SEAL KIT, VALVE	
--	44174	NUT-COIL SHORT		14	52907	VALVE-CHECK, #4 SAE, 5 PSI* <i>BJ, Load sensing circuit, boom up/down</i>	
--	44175	SPACER-DUAL COIL,#10, SCISSORS		--	62341	SEAL KIT,52907,SIZE 4, 2 WAY	
--	44230	SEAL KIT-P.N.44169,44172,44171		15	62336	ORIFICE PLUG, 0.040 <i>BK, Differential sensing damping</i>	
--	62334	COIL,62328/62330,SIZE 10,DIN		16	48880	CAP,DIAGNOSTIC NIPPLE	
4	97388	VALVE ASSY,D03,REX,3POS 4WAY <i>BD, Boom up/down</i>		17	48997	NIPPLE,DIAGNOSTIC,#4 PORT*** <i>TP, Testing</i>	
--	102394	VLV,SOL,D03,REXROTH,3POS 4 WAY		--	20224	DIAGNOSTIC FEMALE Q-DSCNT	
--	102395	SEAL KIT,REXROTH D03 VALVE		--	75098	HARNESS,PRESSURE TRANSDUCER	
--	52385	SEAL KIT,52381,BOSCH D03,GS68		18	52907	VALVE-CHECK, #4 SAE, 5 PSI* <i>BL, Load sensing circuit, turntable rotate</i>	
5	45916	SCREW,SHC,10-24 X 1.250 (D01)		--	62341	SEAL KIT,52907,SIZE 4, 2 WAY	
--	43255	SCREW,SHC,10-24 X 2		19	52907	VALVE-CHECK, #4 SAE, 5 PSI* <i>BM, Load sensing circuit, boom extend/retract</i>	
6	97388	VALVE ASSY,D03,REX,3POS 4WAY		--	62341	SEAL KIT,52907,SIZE 4, 2 WAY	
--	102398	COIL,DIN,REXROTH D03 VALVE		20	62328	VALVE,SOLENOID,NC,POPPET <i>BN, Boom retract sequence control</i>	
7	52385	SEAL KIT,52381,BOSCH D03,GS68		--	44174	NUT-COIL SHORT	
--	102395	SEAL KIT,REXROTH D03 VALVE		--	62334	COIL,62328/62330,SIZE 10,DIN	
8	97388	VALVE ASSY,D03,REX,3POS 4WAY		--	62338	SEAL KIT,62328,SIZE 12,2 PORT	
--	102396	NUT-COIL,REXROTH D03 VALVE		21	62328	VALVE,SOLENOID,NC,POPPET <i>BO, Boom extend sequence control</i>	
9	62324	VALVE,FLOW CONTROL, 0.1GPM* <i>BE, Bleeds off differential sensing valves to tank</i>		--	44174	NUT-COIL SHORT	
--	44227	SEAL KIT, VALVE					
10	62327	VALVE,SOLENOID,PROPORT. N.C. <i>BF, Boom up/down proportional speed control</i>					
--	52373	SEAL KIT,52372,SOLENOID VALVE					
--	52466	NUT,PROPORTNL. COIL,52372,GS68					

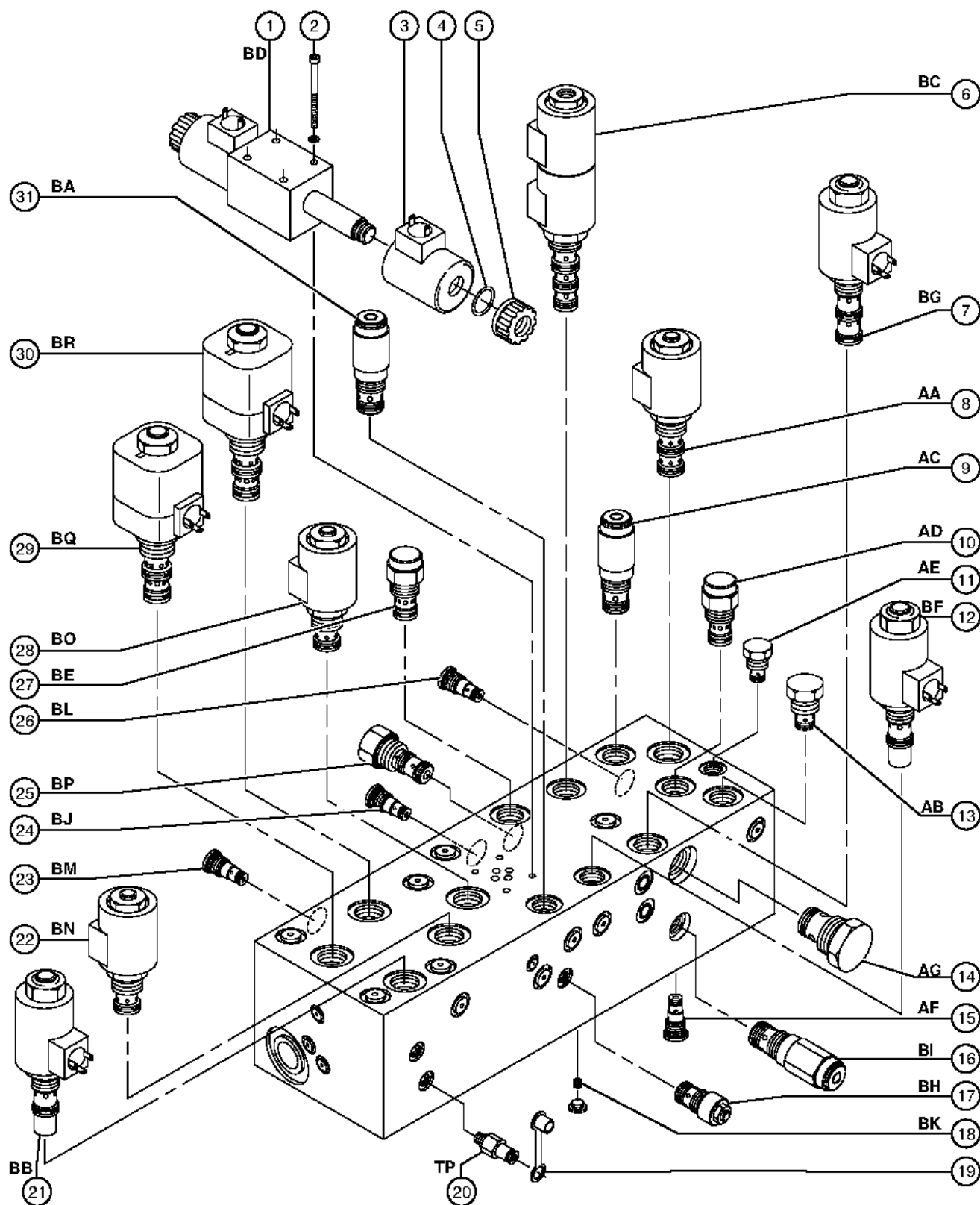
706.1 Function Manifold (to SN 430)

(continued)

Item	Part No.	Description	Qty.
--	62334	COIL,62328/62330,SIZE 10,DIN	
--	62338	SEAL KIT,62328,SIZE 12,2 PORT	
22	62323	VALVE,DIFFERENTIAL SENSE110PSI <i>BP, Directs flow to functions</i>	
--	62337	SEAL KIT, VALVE	
23	62329	VALVE,SOLENOID, 2POS 3WAY <i>BQ, Boom retract control</i>	
--	62333	COIL,62329,SIZE12,W/FRAME,DIN	
--	62339	SEAL KIT,62329,SIZE 12, 3 WAY	
--	62344	NUT,COIL,DOMED,SIZE 12, 62329	
24	62329	VALVE,SOLENOID, 2POS 3WAY <i>BR, Boom extend control</i>	
--	62333	COIL,62329,SIZE12,W/FRAME,DIN	
--	62339	SEAL KIT,62329,SIZE 12, 3 WAY	
--	62344	NUT,COIL,DOMED,SIZE 12, 62329	

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706.2 Function Manifold (from SN 431 to 574)



706.2 Function Manifold (from SN 431 to 574)

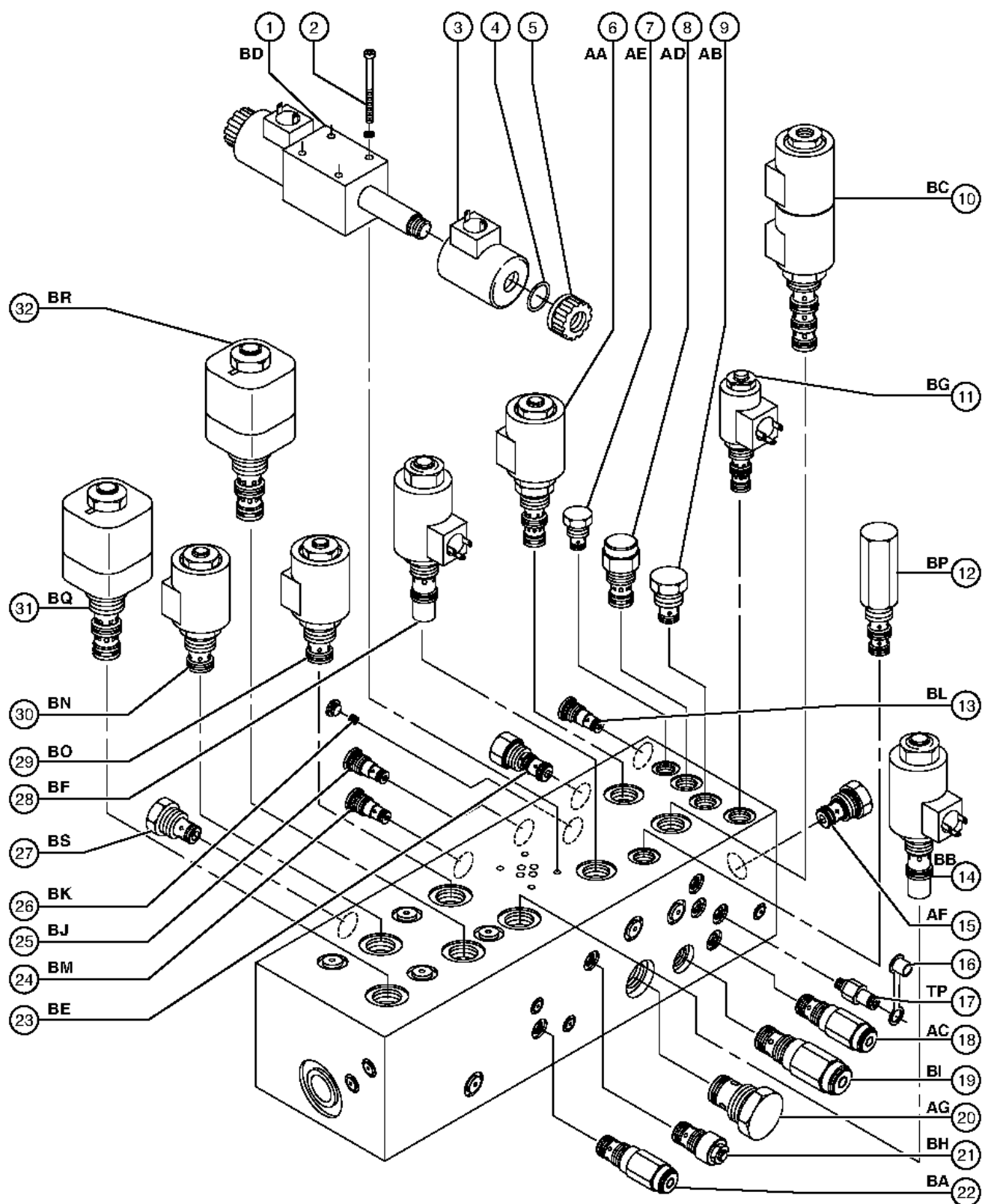
Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	75590	MANIFOLD,FUNCTION S120/125 <i>Complete</i>		--	62341	SEAL KIT,52907,SIZE 4, 2 WAY	
--	75652	HARNESS,TCON J4,MANIFOLD		12	62327	VALVE,SOLENOID,PROPORT. N.C. <i>BF, Primary lift, proportional speed control</i>	
1	97388	VALVE ASSY,D03,REX,3POS 4WAY <i>BD, Boom up/down</i>		--	52373	SEAL KIT,52372,SOLENOID VALVE	
--	102394	VLV,SOL,D03,REXROTH,3POS 4 WAY		--	52466	NUT,PROPORTNL. COIL,52372,GS68	
--	102395	SEAL KIT,REXROTH DO3 VALVE		--	62335	COIL,PROPORTIONAL,62327,DIN	
--	52385	SEAL KIT,52381,BOSCH DO3,GS68		13	46216	VALVE,CHECK,IWP-S/CWP PWR ASSI <i>AB, Blocks flow from pump 1 and 2 to auxiliary pump</i>	
2	45916	SCREW,SHC,10-24 X 1.250 (D01)		--	44227	SEAL KIT, VALVE	
--	43255	SCREW,SHC,10-24 X 2		14	75456	VALVE-CHECK SIZE 12(SUPRBOOM) <i>AG, Blocks flow from auxiliary pump, port 2A to pump 1</i>	
3	97388	VALVE ASSY,D03,REX,3POS 4WAY		--	62338	SEAL KIT,62328,SIZE 12,2 PORT	
--	102398	COIL,DIN,REXROTH DO3 VALVE		15	44178	VALVE,CHECK,5 PSI** <i>AF, Blocks flow from auxiliary pump, ports 2A and 3A to pump 2</i>	
4	52385	SEAL KIT,52381,BOSCH DO3,GS68		--	44224	SEAL KIT, VALVE	
--	102395	SEAL KIT,REXROTH DO3 VALVE		16	62325	VALVE,RELIEF,2600 PSI,SIZE 10 <i>BI, Turntable, primary lift and boom retract pressure limit</i>	
5	97388	VALVE ASSY,D03,REX,3POS 4WAY		--	44224	SEAL KIT, VALVE	
--	102396	NUT-COIL,REXROTH DO3 VALVE		17	62342	VALVE,COUNTERBAL.CBCA-LHN@3200 <i>BH, Primary lift, load holding, used only on lift cylinder part 50078</i>	
6	62330	VALVE,SOLENOID,3POS 4WAY*** <i>BC, Turntable rotate left/right</i>		--	65907	PLUG,CAVITY,T-11A,1-2 OPEN <i>required with lift cylinder part 146324, refer to 501.1 and 501.2</i>	
--	44174	NUT-COIL SHORT		18	62336	ORIFICE PLUG, 0.040 <i>BK, Differential sensing damping</i>	
--	44175	SPACER-DUAL COIL,#10, SCISSORS		19	48880	CAP,DIAGNOSTIC NIPPLE	
--	44230	SEAL KIT-P.N.44169,44172,44171		20	48997	NIPPLE,DIAGNOSTIC,#4 PORT*** <i>TP, Testing</i>	
--	62334	COIL,62328/62330,SIZE 10,DIN		20	75098	HARNESS,PRESSURE TRANSDUCER	
7	62326	VALVE,PROPORTIONAL SOLENOID <i>BG, Turntable rotate, proportional speed control</i>		--	20224	DIAGNOSTIC FEMALE Q-DSCNT	
--	44227	SEAL KIT, VALVE		--	49207	NIPPLE,DIAGNOSTIC,ORFS,FM,SWIV	
--	62332	COIL,PROPORTNL.62326,SIZE8,DIN		--	52373	SEAL KIT,52372,SOLENOID VALVE	
--	62349	NUT,COIL,PROPORTNL.VALVE		--	52466	NUT,PROPORTNL. COIL,52372,GS68	
8	75458	VALVE,SOLENOID,2POS3WAY,SUPRB <i>AA, Auxiliary drive/steer selector</i>		--	62327	VALVE,SOLENOID,PROPORT. N.C. <i>BB, Boom extend/retract proportional</i>	
--	44174	NUT-COIL SHORT					
--	62334	COIL,62328/62330,SIZE 10,DIN					
--	62337	SEAL KIT, VALVE					
9	52374	VALVE,RELIEF,3000PSI,GS68PUMP1 <i>AC, Platform manifold pressure limit</i>					
--	44224	SEAL KIT, VALVE					
10	75457	VALVE-FLOW REGULATOR 3.0 GPM <i>AD, Priority flow to platform</i>					
--	44225	SEAL KIT, VALVE					
11	52907	VALVE-CHECK, #4 SAE, 5 PSI* <i>AE, Blocks flow from pump 2 to auxiliary pump</i>					

706.2 Function Manifold (from SN 431 to 574) (continued)

Item	Part No.	Description	Qty.
--	62335	COIL,PROPORTIONAL,62327,DIN	
22	62328	VALVE,SOLENOID,NC,POPPET <i>BN, Boom retract sequence control</i>	
--	44174	NUT-COIL SHORT	
--	62334	COIL,62328/62330,SIZE 10,DIN	
--	62338	SEAL KIT,62328,SIZE 12,2 PORT	
23	52907	VALVE-CHECK, #4 SAE, 5 PSI* <i>BM, Extension cylinder load sense</i>	
--	62341	SEAL KIT,52907,SIZE 4, 2 WAY	
24	52907	VALVE-CHECK, #4 SAE, 5 PSI* <i>BJ, Primary lift load sense check</i>	
--	62341	SEAL KIT,52907,SIZE 4, 2 WAY	
25	62323	VALVE,DIFFERENTIAL SENSE110PSI <i>BP, Directs flow to functions</i>	
--	62337	SEAL KIT, VALVE	
26	52907	VALVE-CHECK, #4 SAE, 5 PSI* <i>BL, Turntable rotate load sense check</i>	
--	62341	SEAL KIT,52907,SIZE 4, 2 WAY	
27	62324	VALVE,FLOW CONTROL, 0.1GPM* <i>BE, Bleeds off differential sensing valve</i>	
--	44227	SEAL KIT, VALVE	
28	62328	VALVE,SOLENOID,NC,POPPET <i>BO, Boom extend sequence control</i>	
--	44174	NUT-COIL SHORT	
--	62334	COIL,62328/62330,SIZE 10,DIN	
--	62338	SEAL KIT,62328,SIZE 12,2 PORT	
29	62329	VALVE,SOLENOID, 2POS 3WAY <i>BQ, Boom retract control</i>	
--	62333	COIL,62329,SIZE12,W/FRADE,DIN	
--	62339	SEAL KIT,62329,SIZE 12, 3 WAY	
--	62344	NUT,COIL,DOMED,SIZE 12, 62329	
30	62329	VALVE,SOLENOID, 2POS 3WAY <i>BR, Boom extend control</i>	
--	62333	COIL,62329,SIZE12,W/FRADE,DIN	
--	62339	SEAL KIT,62329,SIZE 12, 3 WAY	
--	62344	NUT,COIL,DOMED,SIZE 12, 62329	
31	52905	VALVE-RELIEF,1800 PSI <i>BA, Boom extend pressure limit</i>	
--	44227	SEAL KIT, VALVE	

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706.3 Function Manifold (from SN 575)



706.3 Function Manifold (from SN 575)

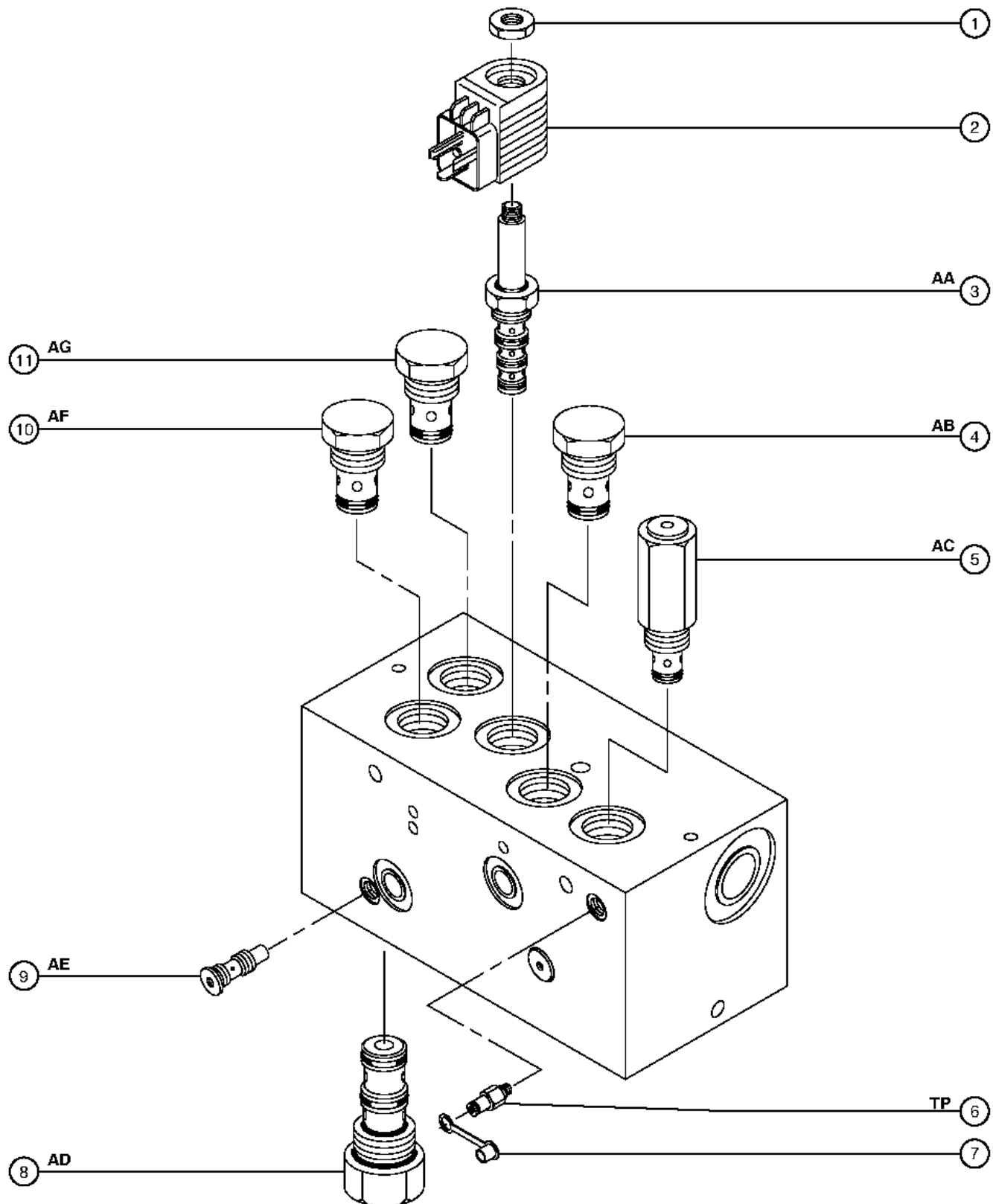
Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	48883	PLUG,HEX,090109A-8***		--	44174	NUT-COIL SHORT	
--	122439	MANIFOLD,FUNCTION,S120/125 <i>Requires lift cylinder replacment kit 122522 for first time replacment of manifold 75766, refer to 501.1 and 501.2</i>		--	44175	SPACER-DUAL COIL,#10, SCISSORS	
--	75973	HARNESS,TCON J4,MANIFOLD to SN 2709		--	44230	SEAL KIT-P.N.44169,44172,44171	
--	146193	HARNESS, TCON J4 MANIFOLD 2009 <i>from SN 2710</i>		--	62334	COIL,62328/62330,SIZE 10,DIN	
1	97388	VALVE ASSY,D03,REX,3POS 4WAY BD, Boom up/down; to SN 1012		11	62326	VALVE,PROPORTIONAL SOLENOID BG, Turntable rotate, proportional speed control	
--	102394	VLV,SOL,DO3,REXROTH,3POS 4 WAY		--	44227	SEAL KIT, VALVE	
--	102395	SEAL KIT,REXROTH DO3 VALVE		--	62332	COIL,PROPORTNL.62326,SIZE8,DIN	
--	52385	SEAL KIT,52381,BOSCH DO3,GS68		--	62349	NUT,COIL,PROPORTNL.VALVE	
2	45916	SCREW,SHC,10-24 X 1.250 (D01)		12	75462	VALVE,DIFFERENTIAL SENSE230PSI <i>BP, Directs flow to functions</i>	
--	43255	SCREW,SHC,10-24 X 2		--	62337	SEAL KIT, VALVE	
3	97388	VALVE ASSY,D03,REX,3POS 4WAY		13	46216	VALVE,CHECK,IWP-S/CWP PWR ASSI <i>BL, Turntable rotate load sense check</i>	
--	102398	COIL,DIN,REXROTH DO3 VALVE		--	44227	SEAL KIT, VALVE	
4	52385	SEAL KIT,52381,BOSCH DO3,GS68		14	75464	VALVE,SOLENOID,PROPORT. N.C. BB, Boom extend/retract proportional speed control	
--	102395	SEAL KIT,REXROTH DO3 VALVE		--	52373	SEAL KIT,52372,SOLENOID VALVE	
5	97388	VALVE ASSY,D03,REX,3POS 4WAY		--	52466	NUT,PROPORTNL. COIL,52372,GS68	
--	102396	NUT-COIL,REXROTH DO3 VALVE		--	62335	COIL,PROPORTIONAL,62327,DIN	
6	75458	VALVE,SOLENOID,2POS3WAY,SUPRB AA, Auxiliary drive/steer selector		15	44178	VALVE,CHECK,5 PSI** <i>AF, Blocks flow from auxiliary pump, ports 2A and 3A to pump 2</i>	
--	44174	NUT-COIL SHORT		--	44224	SEAL KIT, VALVE	
--	62334	COIL,62328/62330,SIZE 10,DIN		16	48880	CAP,DIAGNOSTIC NIPPLE	
--	62337	SEAL KIT, VALVE		17	48997	NIPPLE,DIAGNOSTIC,#4 PORT*** <i>TP, Testing</i>	
7	52907	VALVE-CHECK, #4 SAE, 5 PSI* <i>AE, Blocks flow from pump 2 to auxiliary pump</i>		--	20224	DIAGNOSTIC FEMALE Q-DSCNT	
--	62341	SEAL KIT,52907,SIZE 4, 2 WAY		--	49207	NIPPLE,DIAGNOSTIC,ORFS,FM,SWIV	
8	75457	VALVE-FLOW REGULATOR 3.0 GPM AD, Priority flow to platform		--	75098	HARNESS,PRESSURE TRANSDUCER	
--	44225	SEAL KIT, VALVE		18	52374	VALVE,RELIEF,3000PSI,GS68PUMP1 AC, Platform manifold pressure limit	
9	46216	VALVE,CHECK,IWP-S/CWP PWR ASSI <i>AB, Blocks flow from pump 1 and 2 to auxiliary pump</i>		--	44224	SEAL KIT, VALVE	
--	44227	SEAL KIT, VALVE		19	62325	VALVE,RELIEF,2600 PSI,SIZE 10 BI, Turntable, primary lift and boom retract pressure limit	
10	62330	VALVE,SOLENOID,3POS 4WAY*** <i>BC, Turntable rotate control, left/right</i>		--	44224	SEAL KIT, VALVE	

706.3 Function Manifold (from SN 575) (continued)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
20	75456	VALVE-CHECK SIZE 12(SUPRBOOM) <i>AG, Blocks flow from auxiliary pump, port 2A to pump 1</i>		--	44174	NUT-COIL SHORT	
--	62338	SEAL KIT,62328,SIZE 12,2 PORT		--	62334	COIL,62328/62330,SIZE 10,DIN	
21	62342	VALVE,COUNTERBAL.CBCA-LHN@3200 <i>BH, Primary lift, load holding, used only on lift cylinder part 50078; to SN 2634</i>		--	62338	SEAL KIT,62328,SIZE 12,2 PORT	
--	65907	PLUG,CAVITY,T-11A,1-2 OPEN <i>required with lift cylinder part 146324, or from SN 2635, refer to 501.1 and 501.2</i>		31	75463	VALVE,SOLENOID, 2POS 3WAY <i>BQ, Boom retract control</i>	
22	52905	VALVE-RELIEF,1800 PSI <i>BA, Boom extend pressure limit</i>		--	62333	COIL,62329,SIZE12,W/FRAME,DIN	
--	44227	SEAL KIT, VALVE		--	62339	SEAL KIT,62329,SIZE 12, 3 WAY	
23	62324	VALVE,FLOW CONTROL, 0.1GPM* <i>BE, Leads off differential sensing valve to tank</i>		--	62344	NUT,COIL,DOMED,SIZE 12, 62329	
--	44227	SEAL KIT, VALVE		32	62329	VALVE,SOLENOID, 2POS 3WAY <i>BR, Boom extend control</i>	
24	52907	VALVE-CHECK, #4 SAE, 5 PSI* <i>BM, Extension cylinder load sense check</i>		--	62333	COIL,62329,SIZE12,W/FRAME,DIN	
--	62341	SEAL KIT,52907,SIZE 4, 2 WAY		--	62339	SEAL KIT,62329,SIZE 12, 3 WAY	
25	52907	VALVE-CHECK, #4 SAE, 5 PSI* <i>BJ, Primary lift load sense check</i>		--	62344	NUT,COIL,DOMED,SIZE 12, 62329	
--	62341	SEAL KIT,52907,SIZE 4, 2 WAY					
26	62336	ORIFICE PLUG, 0.040 <i>BK, Differential sensing damping</i>					
27	75465	VALVE-CHECK, #12 SAE,30 PSI <i>BS, Back pressure check, boom extend</i>					
--	62338	SEAL KIT,62328,SIZE 12,2 PORT					
28	75464	VALVE,SOLENOID,PROPORT. N.C. <i>BF, Primary lift, proportional speed control</i>					
--	52373	SEAL KIT,52372,SOLENOID VALVE					
--	52466	NUT,PROPORTNL. COIL,52372,GS68					
--	62335	COIL,PROPORTIONAL,62327,DIN					
29	62328	VALVE,SOLENOID,NC,POPPET <i>BO, Boom extend sequence control</i>					
--	44174	NUT-COIL SHORT					
--	62334	COIL,62328/62330,SIZE 10,DIN					
--	62338	SEAL KIT,62328,SIZE 12,2 PORT					
30	62328	VALVE,SOLENOID,NC,POPPET <i>BN, Boom retract sequence control</i>					

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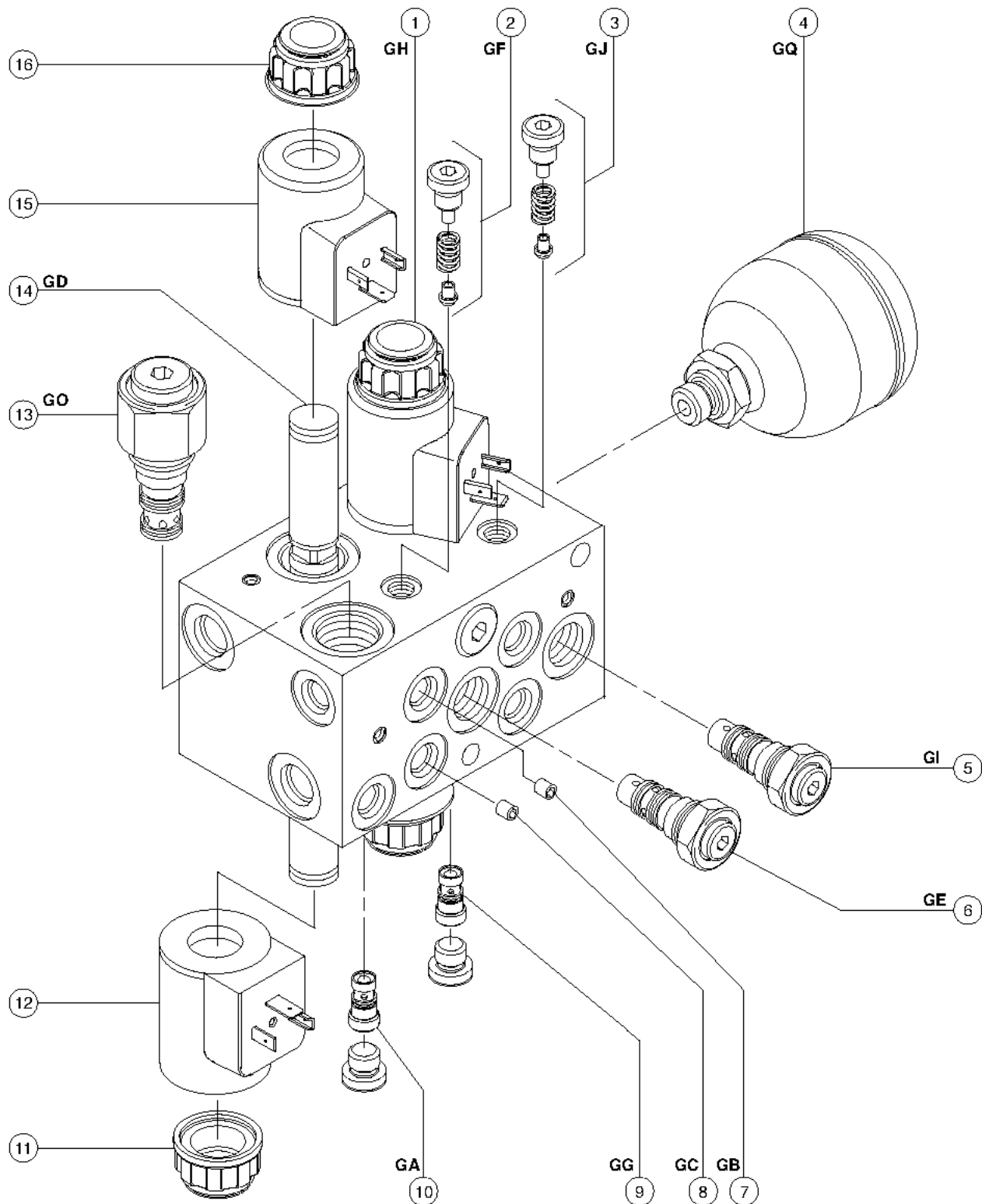
707.1 Distribution Manifold (to SN 430)



707.1 Distribution Manifold (to SN 430)

Item	Part No.	Description	Qty.
--	60487	MANIFOLD,PUMP DISTRIBUTION <i>Complete</i>	
--	60389	HARNESS,TCON J4,MANIFOLD	
1	45912	NUT,SOLENOID,2POS 3WAY	
2	62371	COIL,62370,12VDC W/DIN,SIZE 10	
3	62370	VALVE,SOLENOID,2POS3WAY,12VDIN <i>AA, Auxiliary drive/steer selector</i>	
4	45543	VALVE,CHECK, 50 PSI <i>AB, Blocks flow from pump 1 and 2 to auxiliary pump</i>	
5	62372	VALVE,RELIEF,3000 PSI <i>AC, Platform manifold relief</i>	
--	74902	SEAL KIT, VALVE	
6	48997	NIPPLE,DIAGNOSTIC,#4 PORT*** <i>TP, Testing; to SN 430</i>	
--	20224	DIAGNOSTIC FEMALE Q-DSCNT	
--	75098	HARNESS,PRESSURE TRANSDUCER	
7	48880	CAP,DIAGNOSTIC NIPPLE	
8	62373	VALVE,FLOW REGULATOR, 3.0 GPM <i>AD, Priority flow to platform manifold</i>	
9	27807	VALVE,CHECK*** <i>AE, Blocks flow from pump 2 to auxiliary pump</i>	
10	45481	VALVE,CHECK <i>AF, Blocks flow from auxiliary pump, ports 2A and 3A to pump 2</i>	
11	27836	VALVE,CHECK,5 PSI <i>AG, Blocks flow from auxiliary pump, port 2A to pump 1</i>	

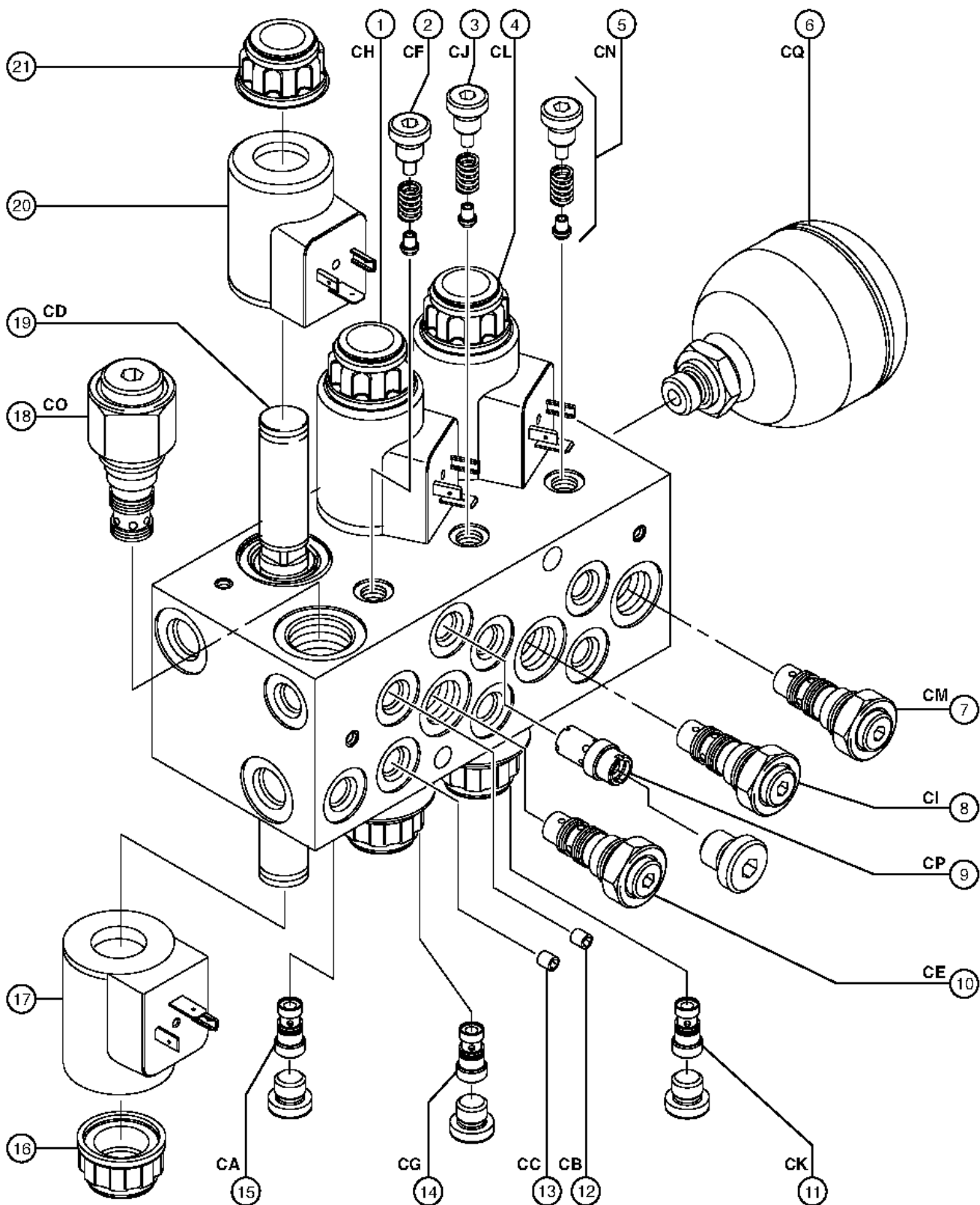
708.1 Platform Manifold



708.1 Platform Manifold

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	50171	MANIFOLD,PLAT CONTROL NON-JIB*		--	62353	COIL,SOLENOID,HYDAC MANIFOLDS	
--	49612	O-RING KIT (ORFS FITTINGS)		--	62354	NUT,SOLENOID VALVE,HYDAC	
--	49613	PLUG AND CAP KIT-SERVICE,ORFS*		--	62355	O-RING,COIL NUT, HYDAC	
1	62441	VALVE,SOLENOID,3POS4WAY,HYDAC <i>GH, Platform level up/down</i>		--	62363	SEAL KIT,SOLENOID VALVES,HYDAC	
--	62353	COIL,SOLENOID,HYDAC MANIFOLDS		15	62353	COIL,SOLENOID,HYDAC MANIFOLDS	
--	62354	NUT,SOLENOID VALVE,HYDAC		16	62354	NUT,SOLENOID VALVE,HYDAC	
--	62355	O-RING,COIL NUT, HYDAC					
--	62363	SEAL KIT,SOLENOID VALVES,HYDAC					
2	62442	VALVE,CHECK,PLAT.MANIFLD,HYDAC <i>GF, Platform rotate circuit</i>					
3	62442	VALVE,CHECK,PLAT.MANIFLD,HYDAC <i>GJ, Platform level circuit</i>					
4	62364	ACCUMULATOR,500 PSI,HYDAC <i>GQ, Hydraulic dampening</i>					
5	62357	VALVE,DIFFERENTIAL SENSE,N.O. <i>GI, Platform level differential sensing circuit</i>					
--	62361	SEAL KIT,VALVE 62357, HYDAC					
6	62357	VALVE,DIFFERENTIAL SENSE,N.O. <i>GE, Platform rotate differential sensing circuit</i>					
--	62361	SEAL KIT,VALVE 62357, HYDAC					
7	62443	ORIFICE PLUG,.03,PLATF. HYDAC <i>GB, Platform rotate left circuit</i>					
8	62443	ORIFICE PLUG,.03,PLATF. HYDAC <i>GC, Platform rotate right circuit</i>					
9	62359	VALVE,SHUTTLE, HYDAC <i>GG, Platform level load sense circuit</i>					
--	62362	SEAL KIT,VALVE 62359, HYDAC					
10	62359	VALVE,SHUTTLE, HYDAC <i>GA, Load sense circuit</i>					
--	62362	SEAL KIT,VALVE 62359, HYDAC					
11	62354	NUT,SOLENOID VALVE,HYDAC					
12	62353	COIL,SOLENOID,HYDAC MANIFOLDS					
13	62356	VALVE,DIFFERENTIAL SENSE,N.C. <i>GO, Directs flow to functions</i>					
--	62360	SEAL KIT,VALVE 62356, HYDAC					
14	62352	VALVE,SOLENOID,3POS4WAY,HYDAC <i>GD, Platform rotate left/right</i>					

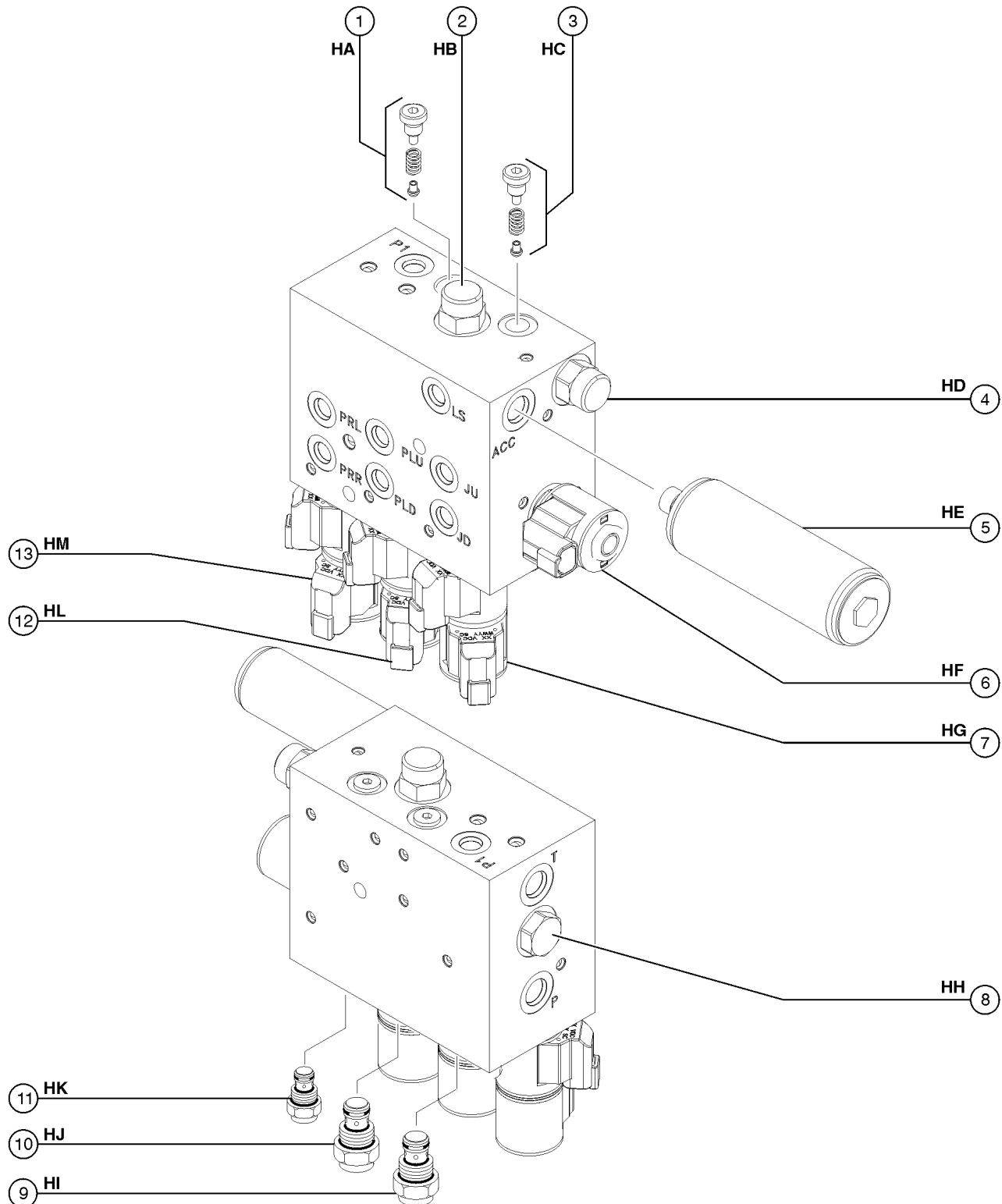
709.1 Platform Manifold (to SN 3145)



709.1 Platform Manifold (to SN 3145)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	230993	S105/125 PLAT MNFD SRV KIT <i>Shown manifold is no longer available. For a complete and first time replacement of previous manifold 60365 order service kit 230993 (includes manifold part 233942, accumulator part 122964 and harness part 122954, refer to 709.2 and 603.1)</i>		10	62357	VALVE,DIFFERENTIAL SENSE,N.O. <i>CE, Platform rotate differential sensing circuit</i>	
--	49612	O-RING KIT (ORFS FITTINGS)		--	62361	SEAL KIT,VALVE 62357, HYDAC	
--	49613	PLUG AND CAP KIT-SERVICE,ORFS*		11	62359	VALVE,SHUTTLE, HYDAC <i>CK, Jib boom load sense circuit</i>	
1	62350	VALVE,SOLENOID,3POS4WAY,HYDAC <i>CH, Platform level up/down</i>		--	62362	SEAL KIT,VALVE 62359, HYDAC	
--	62353	COIL,SOLENOID,HYDAC MANIFOLDS		12	62443	ORIFICE PLUG,.03,PLATF. HYDAC <i>CB, Platform rotate left circuit</i>	
--	62354	NUT,SOLENOID VALVE,HYDAC		13	62443	ORIFICE PLUG,.03,PLATF. HYDAC <i>CC, Platform rotate right circuit</i>	
--	62355	O-RING,COIL NUT, HYDAC		14	62359	VALVE,SHUTTLE, HYDAC <i>CG, Platform level load sense circuit</i>	
--	62363	SEAL KIT,SOLENOID VALVES,HYDAC		--	62362	SEAL KIT,VALVE 62359, HYDAC	
2	62442	VALVE,CHECK,PLAT.MANIFLD,HYDAC <i>CF, Platform rotate circuit</i>		15	62359	VALVE,SHUTTLE, HYDAC <i>CA, Platform rotate load sense circuit</i>	
3	62442	VALVE,CHECK,PLAT.MANIFLD,HYDAC <i>CJ, Platform level circuit</i>		--	62362	SEAL KIT,VALVE 62359, HYDAC	
4	62351	VALVE,SOLENOID,3POS4WAY,HYDAC <i>CL, Jib boom up/down</i>		16	62354	NUT,SOLENOID VALVE,HYDAC	
--	62353	COIL,SOLENOID,HYDAC MANIFOLDS		17	62353	COIL,SOLENOID,HYDAC MANIFOLDS	
--	62354	NUT,SOLENOID VALVE,HYDAC		18	62356	VALVE,DIFFERENTIAL SENSE,N.C. <i>CO, Meters flow to functions</i>	
--	62355	O-RING,COIL NUT, HYDAC		--	62360	SEAL KIT,VALVE 62356, HYDAC	
--	62363	SEAL KIT,SOLENOID VALVES,HYDAC		19	62352	VALVE,SOLENOID,3POS4WAY,HYDAC <i>CD, Platform rotate left/right</i>	
5	62442	VALVE,CHECK,PLAT.MANIFLD,HYDAC <i>CN, Jib boom circuit</i>		--	62353	COIL,SOLENOID,HYDAC MANIFOLDS	
6	62364	ACCUMULATOR,500 PSI,HYDAC <i>CQ, Hydraulic dampening</i>		--	62354	NUT,SOLENOID VALVE,HYDAC	
7	62357	VALVE,DIFFERENTIAL SENSE,N.O. <i>CM, Jib boom differential sensing circuit</i>		--	62355	O-RING,COIL NUT, HYDAC	
--	62361	SEAL KIT,VALVE 62357, HYDAC		--	62363	SEAL KIT,SOLENOID VALVES,HYDAC	
8	62357	VALVE,DIFFERENTIAL SENSE,N.O. <i>CI, Platform level circuit</i>		20	62353	COIL,SOLENOID,HYDAC MANIFOLDS	
--	62361	SEAL KIT,VALVE 62357, HYDAC		21	62354	NUT,SOLENOID VALVE,HYDAC	
9	62358	VALVE,FLOW CONTROL,3GPM, HYDAC <i>CP, Bleeds off differential sensing valve to tank</i>					

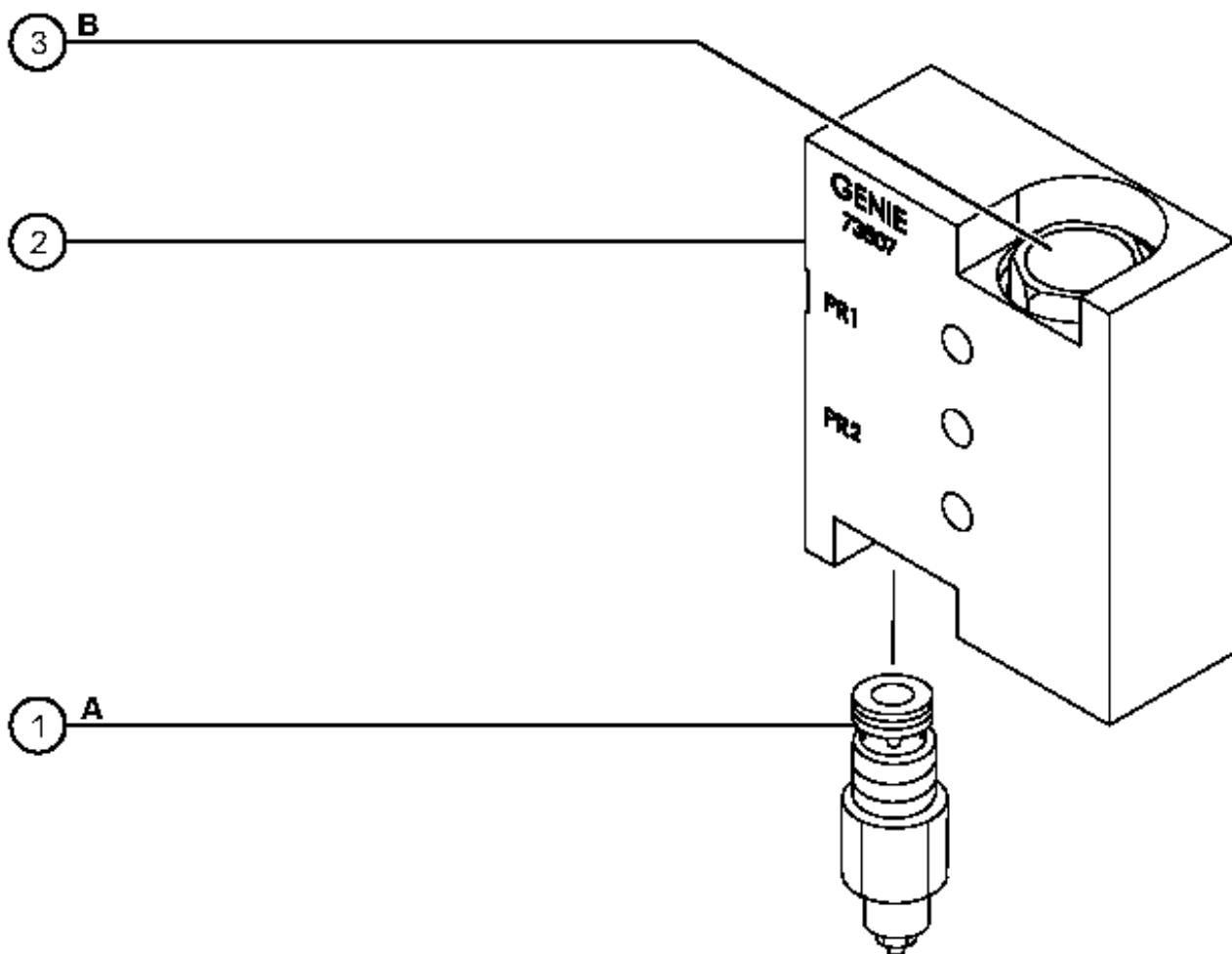
709.2 Platform Manifold (from SN 3146)



709.2 Platform Manifold (from SN 3146)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	233942	MANIFOLD PLATFORM W/JIB <i>Does not include accumulator part 122964</i>		--	44228	SEAL KIT, VALVE	
1	52907	VALVE-CHECK, #4 SAE, 5 PSI* <i>Platform load sense circuit, platform level</i>		12	229407	PRO.DIR.CTRL,VLV,5WY,3POS <i>LS Directional Proportional, Plform level up and down</i>	
--	62341	SEAL KIT,52907,SIZE 4, 2 WAY		--	229411	VALVE COIL 10V.....2	
2	T107736	DIFFERENTIAL SENS VLV,8,150PSI <i>Directs flow to functions</i>		--	230983	VITON SEAL KIT, VALVE	
--	52371	SEAL KIT, VALVE		--	44174	NUT-COIL SHORT	
3	52907	VALVE-CHECK, #4 SAE, 5 PSI* <i>Platform load sense circuit, jib up and down</i>		13	229407	PRO.DIR.CTRL,VLV,5WY,3POS <i>LS Directional Proportional, Platform rotate left and right</i>	
--	62341	SEAL KIT,52907,SIZE 4, 2 WAY		--	228866	COIL,SOLENOID VALVE.....2	
4	62324	VALVE,FLOW CONTROL, 0.1GPM* <i>Bleeds off differential valve to tank</i>		--	229405	CHECK VALVE DISC.....1	
--	44228	SEAL KIT, VALVE		--	230983	VITON SEAL KIT, VALVE	
5	122964	ACCUMULATOR, 5CU IN 500 CHARGE <i>Hydraulic dampening</i>		--	44174	NUT-COIL SHORT	
6	228866	COIL,SOLENOID VALVE <i>Function enable valve</i>					
--	101934	VALVE,SOLENOID,2 POS 2 WAY					
--	44174	NUT-COIL SHORT					
--	44228	SEAL KIT, VALVE					
7	229407	PRO.DIR.CTRL,VLV,5WY,3POS.....1 <i>LS Directional Proportional, Jib up and down</i>					
--	229411	VALVE COIL 10V.....2					
--	230983	VITON SEAL KIT, VALVE					
--	44174	NUT-COIL SHORT					
8	46216	VALVE,CHECK,IWP-S/CWP PWR ASSI					
--	44227	SEAL KIT, VALVE					
9	110180	VALVE, COMPENSATOR, 80 PSI <i>Jib boom differential sensing circuit</i>					
--	44225	SEAL KIT, VALVE					
10	110180	VALVE, COMPENSATOR, 80 PSI <i>Platform level differential sensing circuit</i>					
--	44225	SEAL KIT, VALVE					
11	229406	REGULATOR,PRESS-COMP 0.30 GPM <i>Platform rotate differential sensing circuit</i>					

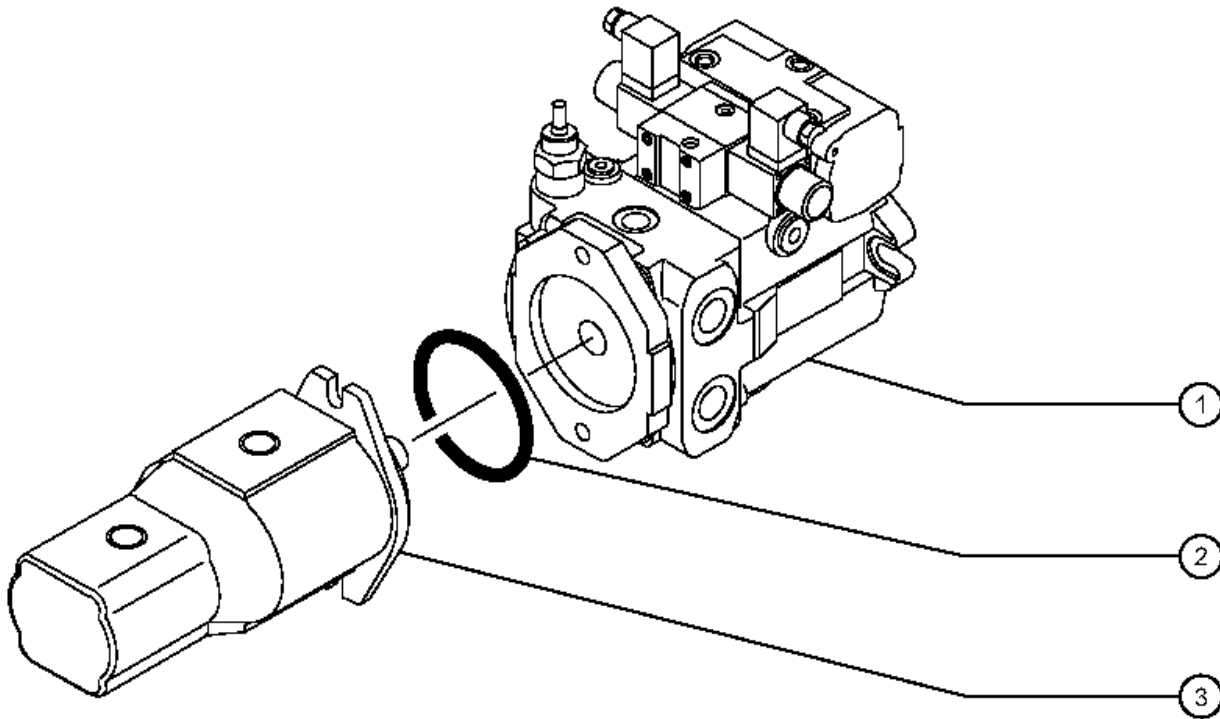
710.1 Platform Rotate Manifold



710.1 Platform Rotate Manifold

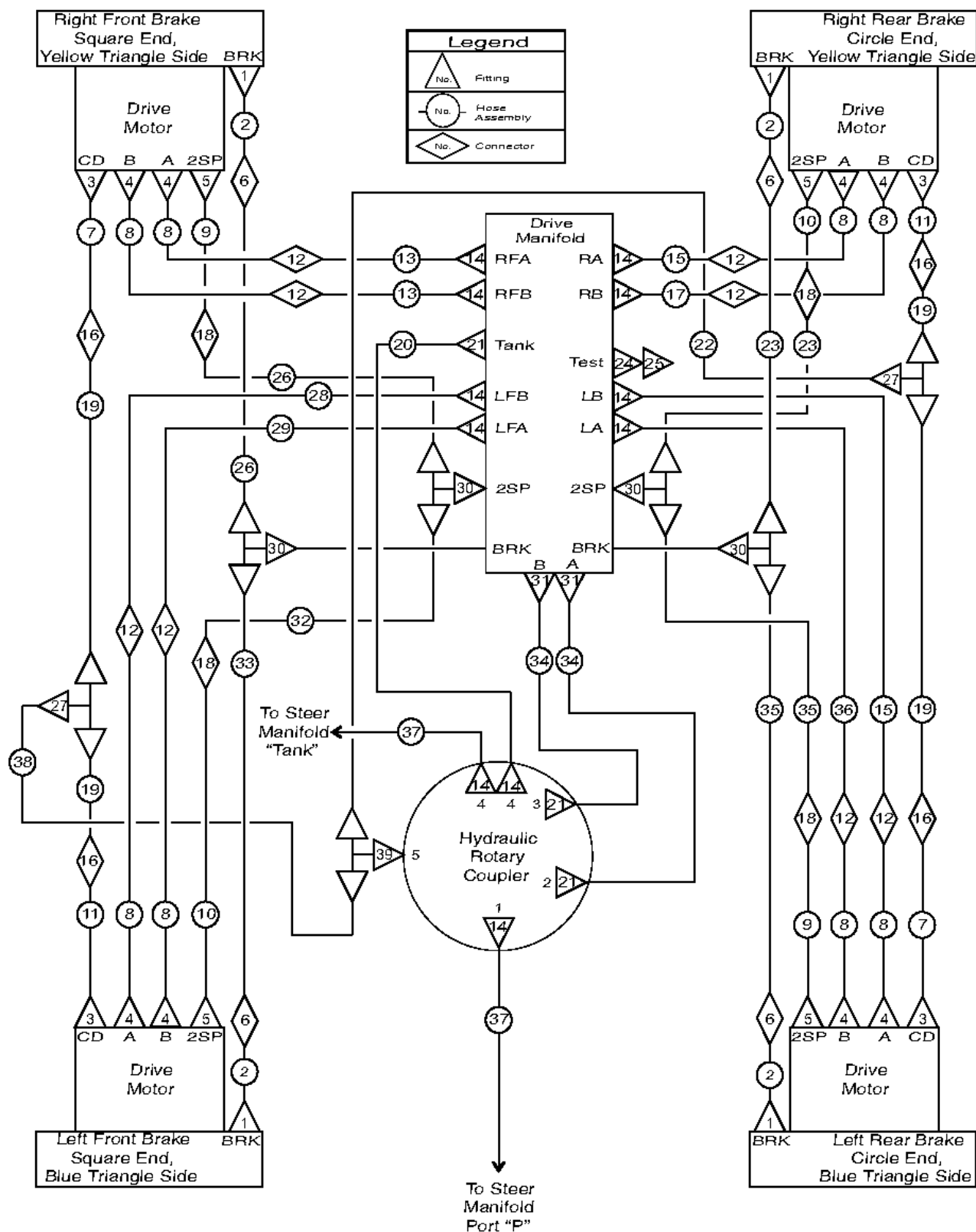
Item	Part No.	Description	Qty.
--	28750	O-RING KIT,FIELD SVC,ALL PROD*	
--	49612	O-RING KIT (ORFS FITTINGS)	
--	33994	PLUG AND CAP KIT-SERVICE,37ø**	
--	49613	PLUG AND CAP KIT-SERVICE,ORFS*	
1	43166	MANIFOLD,ASSY DUAL CNTRBAL. <i>A, Platform rotate right; to SN 314</i>	
--	62506	VALVE - COUNTERBALANCE** <i>from SN 315</i>	
2	73807	MANIFOLD,ROTATOR,CB***	
--	13852	VALVE ASSY,BLEED*** <i>to SN 998</i>	
--	43018	SEAL KIT (39345)	
--	62507	O-RING, ROTATOR MANIFOLD	
--	88516	SCREW,BLEEDER,M5X0.8 <i>from SN 999</i>	
3	43166	MANIFOLD,ASSY DUAL CNTRBAL. <i>B, Platform rotate left; to SN 314</i>	
--	62506	VALVE - COUNTERBALANCE** <i>from SN 315</i>	

711.1 Pumps



Item	Part No.	Description	Qty.
1A	50170	PUMP,VARIABLE DISPLACEMENT.....1 to SN 1028	
--	62405	SEAL KIT,REXROTH PUMP (50170) use with pump 50170; to SN 1028	
--	83136	BLACK SOCKET,(50170) use with pump 50170; to SN 1028	
--	83137	GRAY SOCKET,(50170) use with pump 50170; to SN 1028	
1B	101068	PUMP,PISTON,46CC,B MOUNT,13T from SN 1029	
--	29739	SEAL KIT,SAUER-DANFOSS M46*** use with pump 101068; from SN 1029	
--	77819	EDC ASSY,SAUER M46 use with pump 101068; from SN 1029	
2A	62407	O-RING,PISTON PUMP TO GEARPUMP.....1 use with pump 50170; to SN 1028	
2B	52087	O-RING,2-044 BUNA*** use with pump 101068; from SN 1029	
3A		PUMP,2 SEC (50166) component no longer available	
--	62415	SEAL KIT,2-SEC PUMP (50166) use with pump 50166	
3B	122495	PUMP,2 SEC,29CC X 19CC,FE.....1	
--	122494	KIT,SEALS & WEAR PLATE, PUMP use with pump 122495	

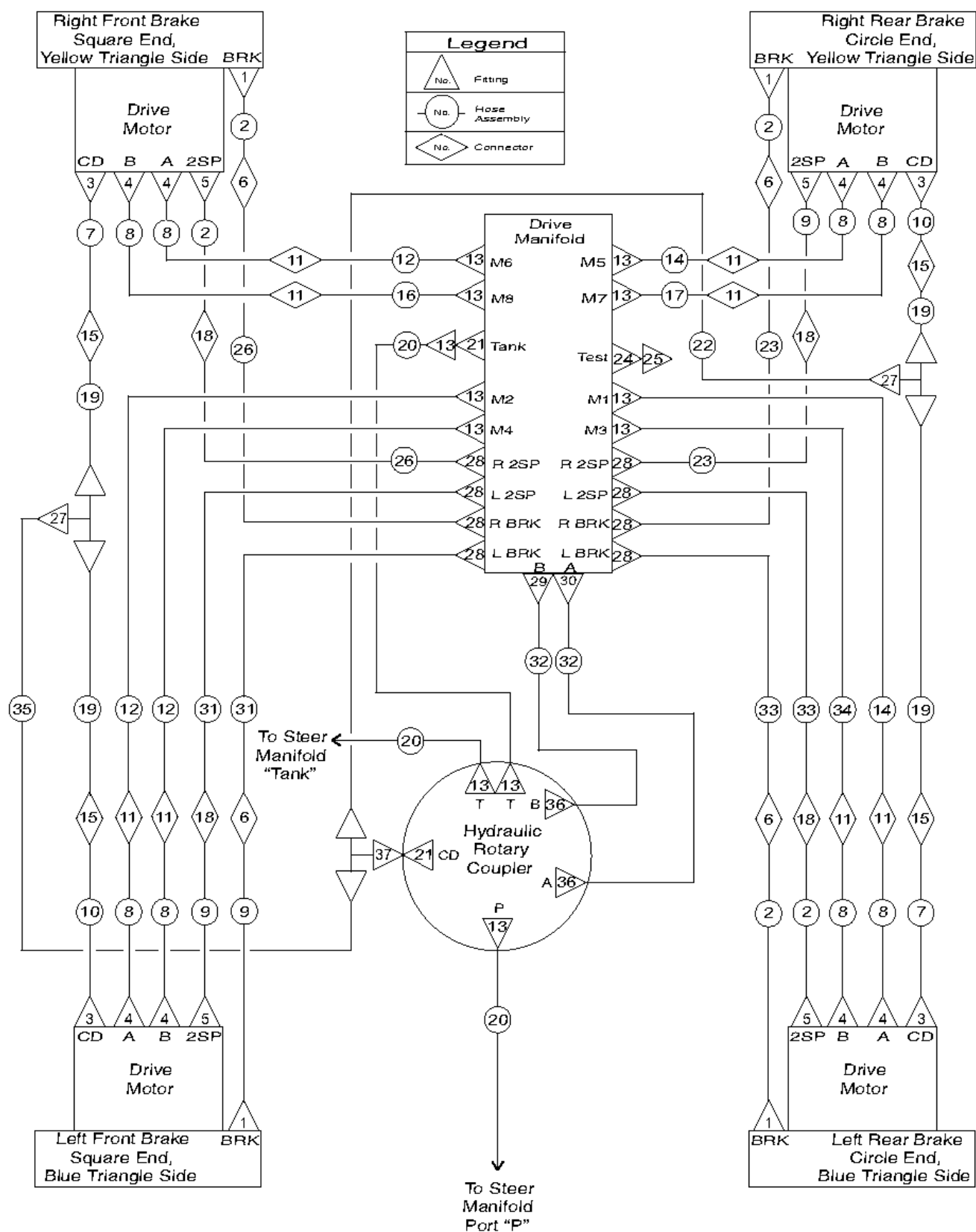
712.1 Hydraulic Hoses and Fittings - Drive System (to SN 403)



712.1 Hydraulic Hoses and Fittings - Drive System (to SN 403)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	49612	O-RING KIT (ORFS FITTINGS)		28	49141-11263-S	HOSE ASSY,1/2,45 FEM,STR FEM.....	1
--	49613	PLUG AND CAP KIT-SERVICE,ORFS*		29	49141-11063-S	HOSE ASSY,1/2,45 FEM,STR FEM.....	1
1	48912	CONN,520120-4-6***	4	30	48906	TEE,RUN,520428-4.....	4
2	49116-5337-S	HOSE ASSY,1/4,45 FEM,STR FEM.....	4	31	48963	FITTING,ELBOW,45D,520320-12***.2	2
3	54283	ELBOW,90D,520220-8-10.....	4	32	49117-11535-S	HOSE ASSY,1/4,90 FEM,STR FEM.....	1
4	48948	CONN,520120-8-12.....	8	33	49117-11035-S	HOSE ASSY,1/4,90 FEM,STR FEM.....	1
5	48904	ELBOW,90D,520220-4-4.....	4	34	61142-3584	HOSE ASSY,3/4" 45 FEM,STR FEM.....	2
6	61268	CONN,BULKHEAD,520801,-4.....	4	35	49119-5678-S	HOSE ASSY,1/4,STR FEM,STR FEM.....	2
7	49143-7029-S	HOSE ASSY,1/2,90 FEM,STR FEM.....	2	36	75278-6329-S	HOSE ASSY,1/2,90 FEM,STR FEM.....	1
8	61143-5463-S	HOSE ASSY 1/2" 45 FEM,STR FEM.....	8	37	49141-2963-S	HOSE ASSY,1/2,45 FEM,STR FEM.....	2
9	49116-5037-S	HOSE ASSY,1/4,45 FEM,STR FEM.....	2	38	61072-4226-S	HOSE ASSEMBLY,3/4 (#121).....	1
10	49116-6037-S	HOSE ASSY,1/4,45 FEM,STR FEM.....	2	39	48962	TEE,BRANCH,520429-12.....	1
11	49183-5492-S	HOSE ASSY,1/2,STR FEM,STR FEM.....	2				
12	48894	CONN,BULKHEAD,520601-8.....	8				
13	61143-11563-S	HOSE ASSY,1/2,45 FEM STR FEM.....	2				
14	48933	CONN,520120-8***	11				
15	75278-5529-S	HOSE ASSY,1/2,90 FEM,STR FEM.....	2				
16	61346	CONN,BULKHEAD,520801,-8.....	4				
17	75278-5829-S	HOSE ASSY,1/2,90 FEM,STR FEM.....	1				
18	61269	UNION,BULKHEAD,ORFS,520601,-4.4					
19	54085-5818-S	HOSE ASSY,1/2", FEM/FEM.....	4				
20	54085-2918-S	HOSE ASSY,1/2", FEM/FEM.....	1				
21	48960	FITTING,CONN,520120-12.....	3				
22	61072-3226-S	HOSE ASSEMBLY, 3/4"	1				
23	49117-5835	HOSE ASSY,1/4,90 FEM,STR FEM.....	2				
24	48997	NIPPLE,DIAGNOSTIC,#4 PORT***	1				
--	20224	DIAGNOSTIC FEMALE Q-DSCNT					
25	48880	CAP,DIAGNOSTIC NIPPLE.....	1				
26	49116-11537-S	HOSE ASSY,1/4,45 FEM,STR FEM.....	2				
27	61345	TEE,BULKHEAD,52N9959-12.....	2				

712.2 Hydraulic Hoses and Fittings - Drive System (from SN 404)



712.2 Hydraulic Hoses and Fittings - Drive System (from SN 404)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	49612	O-RING KIT (ORFS FITTINGS)		15	61346	CONN,BULKHEAD,520801,-8.....	4
--	49613	PLUG AND CAP KIT-SERVICE,ORFS*		16	61143-11563-S	HOSE ASSY,1/2,45 FEM STR FEM.....	1
1	48912	CONN,520120-4-6***	4			<i>components: 48822, 48826 and 56777 @ 113 inches</i>	
2	49116-5337-S	HOSE ASSY,1/4,45 FEM,STR FEM.....	6	17	75278-5829-S	HOSE ASSY,1/2,90 FEM,STR FEM.....	1
		<i>components: 48800, 48801 and 48751 @ 51 inches</i>				<i>components: 48822, 48827 and 56777 @ 56 inches; to SN 1195</i>	
3	54283	ELBOW,90D,520220-8-10.....	4	--	75278-5729	HOSE ASSY,1/2,90 FEM,STR FEM <i>components: 48822, 48827 and 56777 @ 55 inches; from SN 1196</i>	
--	48933	CONN,520120-8*** <i>from SN 1085</i>		18	61269	UNION,BULKHEAD,ORFS,520601,-4.4	
4	48948	CONN,520120-8-12.....	8	19	49183-5792	HOSE ASSY,1/2,STR FEM,STR FEM.....	4
5	48904	ELBOW,90D,520220-4-4.....	4			<i>components: 48822, 48822 and 48756 @ 56 inches</i>	
6	61268	CONN,BULKHEAD,520801,-4.....	4	20	49141-2963-S	HOSE ASSY,1/2,45 FEM,STR FEM.....	3
7	49143-7029-S	HOSE ASSY,1/2,90 FEM,STR FEM.....	2			<i>components: 48822, 48826 and 48756 @ 54 inches</i>	
--	49141-5663	HOSE ASSY,1/2 STR FEM,45 DEG <i>components: 48822, 48826 and 48756 @ 54 inches; from SN 1085</i>		21	75613	CONN,090136-12-8.....	2
8	61143-5463-S	HOSE ASSY 1/2" 45 FEM,STR FEM.....	8	22	49183-3292	HOSE ASSY,1/2,STR FEM,STR FEM.....	1
		<i>components: 48822, 48826 and 56777 @ 52 inches</i>				<i>components: 48822, 48822 and 48756 @ 31 inches</i>	
9	49116-6037-S	HOSE ASSY,1/4,45 FEM,STR FEM.....	2	23	49117-5835	HOSE ASSY,1/4,90 FEM,STR FEM.....	2
		<i>components: 48800, 48801 and 48751 @ 58 inches</i>				<i>components: 48800, 48802 and 48751 @ 56 inches</i>	
10	49183-5492-S	HOSE ASSY,1/2,STR FEM,STR FEM.....	2	24	48997	NIPPLE,DIAGNOSTIC,#4 PORT***	1
		<i>components: 48822, 48822 and 48756 @ 53 inches; to SN 1084</i>		--	20224	DIAGNOSTIC FEMALE Q-DSCNT <i>to SN 521</i>	
--	49141-5663	HOSE ASSY,1/2 STR FEM,45 DEG <i>components: 48822, 48826 and 48756 @ 54 inches; from SN 1085</i>		25	48880	CAP,DIAGNOSTIC NIPPLE.....	1
11	48894	CONN,BULKHEAD,520601-8.....	8			<i>to SN 521</i>	
12	61143-11263	HOSE ASSY,1/2,45 FEM STR FEM.....	3	26	49116-11537-S	HOSE ASSY,1/4,45 FEM,STR FEM.....	2
		<i>components: 48822, 48826 and 56777 @ 110 inches</i>				<i>components: 48800, 48801 and 48751 @ 113 inches</i>	
13	48933	CONN,520120-8***	12	27	75612	TEE,BULKHEAD,52N9959-8.....	2
14	75278-5529-S	HOSE ASSY,1/2,90 FEM,STR FEM.....	2	28	48906	TEE,RUN,520428-4.....	4
		<i>components: 48822, 48827 and 56777 @ 53 inches</i>		--	48905	CONN,520120-4***	8
						<i>from SN 1196</i>	
				29	61610	CONN,LONG,520122-12***	1

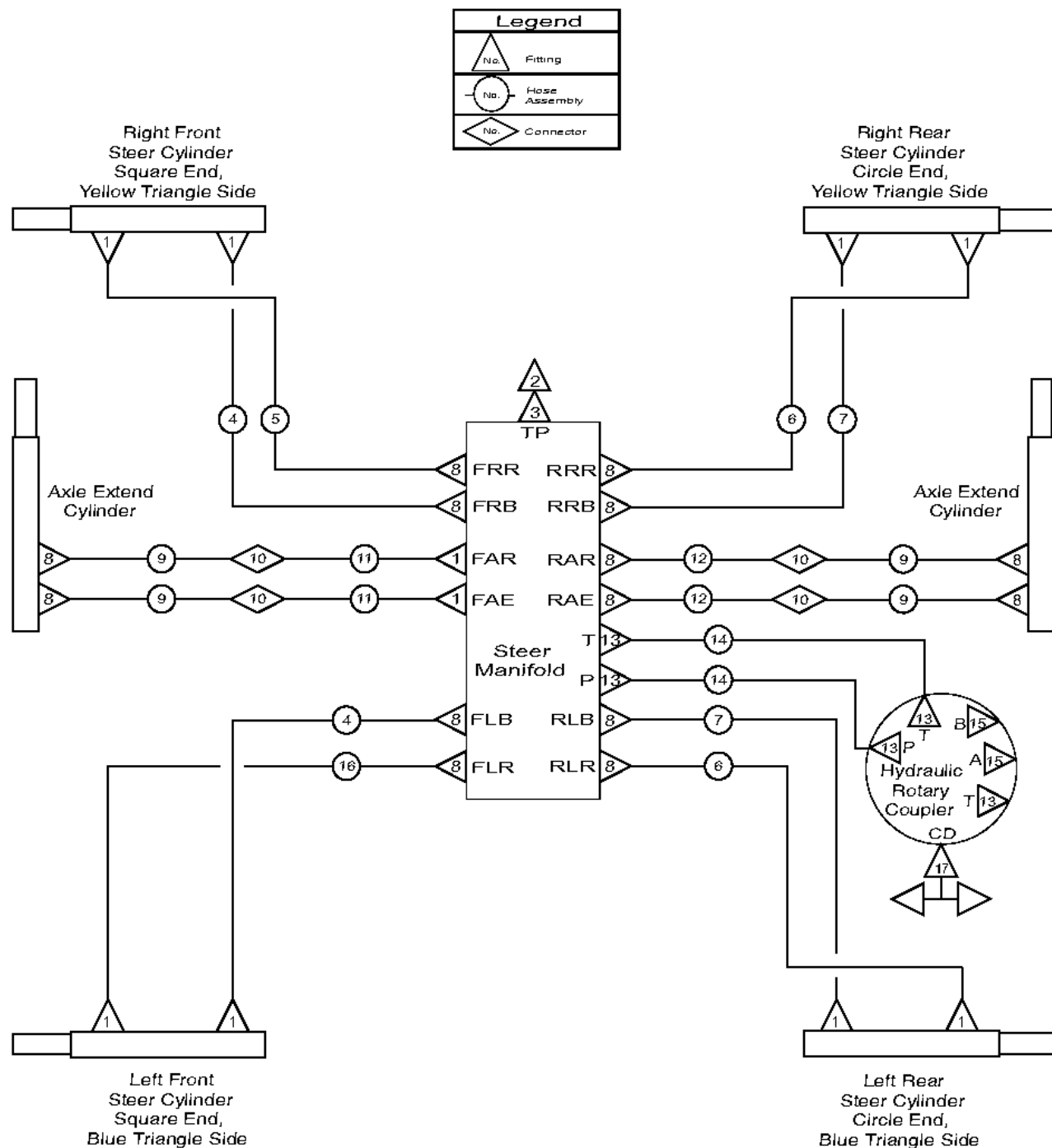
712.2 Hydraulic Hoses and Fittings - Drive System (from SN 404) (continued)

Item	Part No.	Description	Qty.
30	48960	FITTING,CONN,520120-12.....1	1
31	49117-10935	HOSE ASSY,1/4,90 FEM STR FEM.....2 <i>components: 48800, 48802 and 48751 @ 107 inches; to SN 1195</i>	2
--	49116-10937-S	HOSE ASSY,1/4,45 FEM,STR FEM <i>components: 48800, 48801 and 48751 @ 107 inches; from SN 1196</i>	
32	94374-3130	HOSE ASSY,3/4,90 FEM,STR FEM.....2 <i>components: 48841, 48846 and 94358 @ 28 inches</i>	2
33	49119-5678-S	HOSE ASSY,1/4,STR FEM,STR FEM.....2 <i>components: 48800, 48800 and 48751 @ 55 inches; to SN 1195</i>	2
--	49117-5935	HOSE ASSY,1/4,90 FEM,STR FEM <i>components: 48800, 48802 and 48751 @ 57 inches; from SN 1196</i>	
34	75278-6329-S	HOSE ASSY,1/2,90 FEM,STR FEM.....1 <i>components: 48822, 48827 and 56777 @ 61 inches; to SN 1195</i>	1
--	75278-6029	HOSE ASSY,1/2,90 FEM,STR FEM <i>components: 48822, 48827 and 56777 @ 58 inches; from SN 1196</i>	
35	49183-4092	HOSE ASSY,1/2,STR FEM,STR FEM.....1 <i>components: 48822, 48822 and 48756 @ 39 inches</i>	1
36	48963	FITTING,ELBOW,45D,520320-12***.2	2
37	48936	TEE,BRANCH,520429-8.....1	1

712.2 Hydraulic Hoses and Fittings - Drive System (from SN 404)
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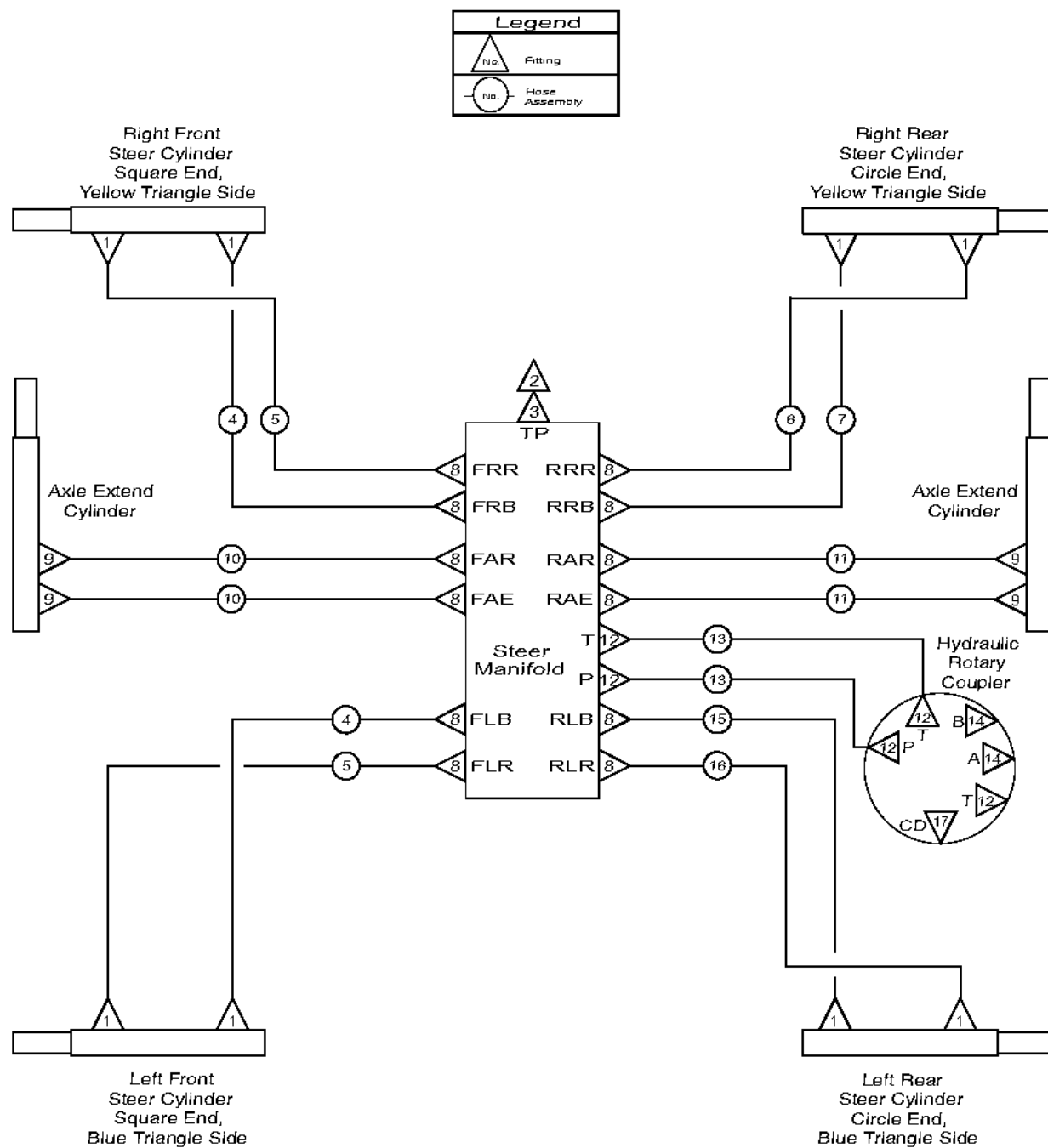
713.1 Hydraulic Hoses and Fittings - Steer System (to SN 403)



713.1 Hydraulic Hoses and Fittings - Steer System (to SN 403)

Item	Part No.	Description	Qty.
--	49612	O-RING KIT (ORFS FITTINGS)	
--	49613	PLUG AND CAP KIT-SERVICE,ORFS*	
1	48911	ELBOW,90D,520220-4-6***.....	10
2	48880	CAP,DIAGNOSTIC NIPPLE.....	1
3	48997	NIPPLE,DIAGNOSTIC,#4 PORT***	1
--	20224	DIAGNOSTIC FEMALE Q-DSCNT	
4	49117-5035-S	HOSE ASSY,1/4,90 FEM,STR FEM.....	2
5	49117-5535-S	HOSE ASSY,1/4,90 FEM,STR FEM.....	1
6	49116-11837-S	HOSE ASSY,1/4,45 FEM,STR FEM.....	2
7	49116-10937-S	HOSE ASSY,1/4,45 FEM,STR FEM.....	2
8	48912	CONN,520120-4-6***	14
9	49119-1878-S	HOSE ASSY,1/4,STR FEM,STR FEM.....	4
10	61269	UNION,BULKHEAD,ORFS,520601,-4.4	
11	49116-5737-S	HOSE ASSY,1/4,45 FEM,STR FEM.....	2
12	49117-11035-S	HOSE ASSY,1/4,90 FEM,STR FEM.....	2
13	48933	CONN,520120-8***	5
14	49141-2963-S	HOSE ASSY,1/2,45 FEM,STR FEM.....	2
15	48963	FITTING,ELBOW,45D,520320-12***	2
16	49117-5935-S	HOSE ASSY,1/4,90 FEM,STR FEM.....	1
17	48962	TEE,BRANCH,520429-12.....	1

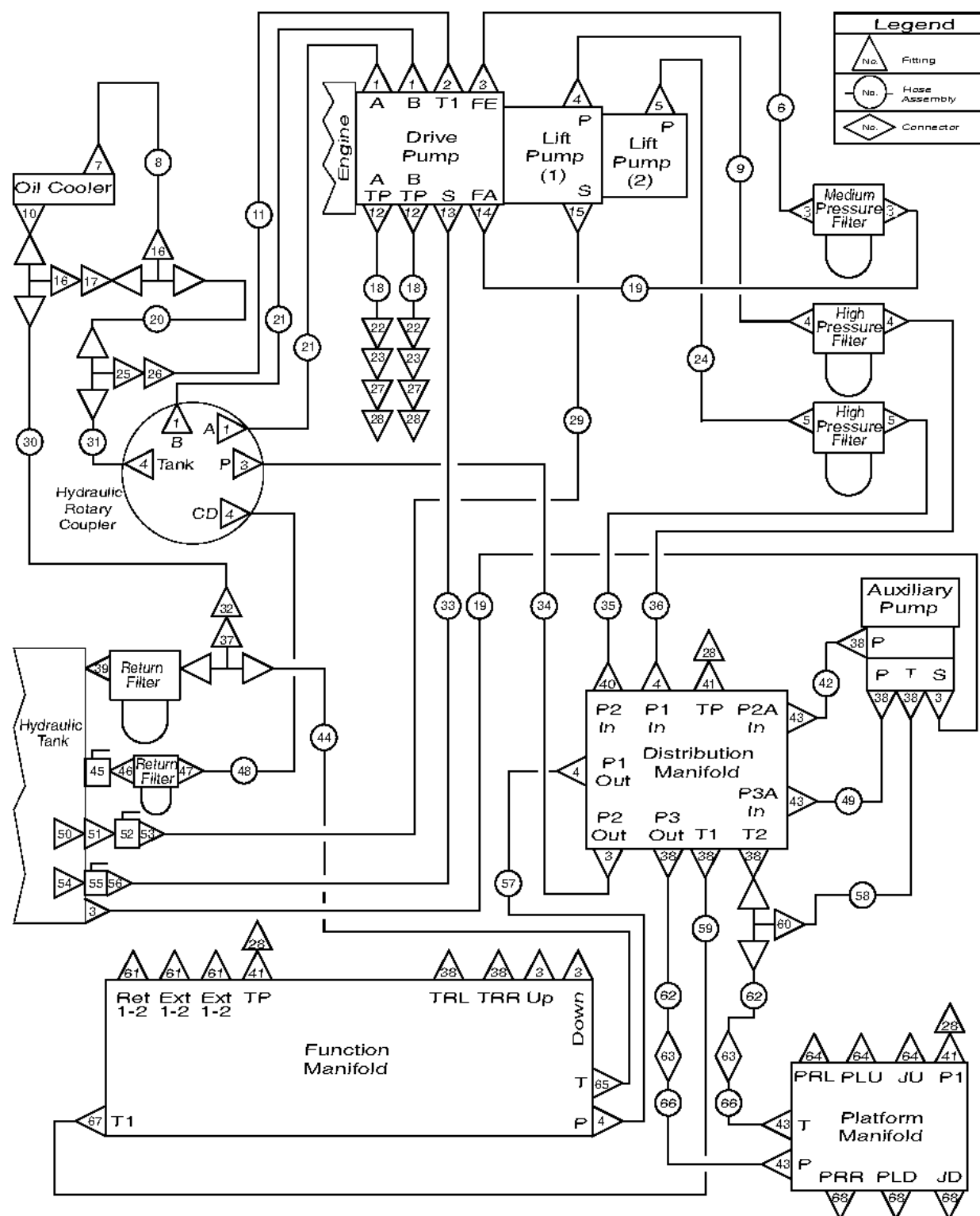
713.2 Hydraulic Hoses and Fittings - Steer System (from SN 404)



713.2 Hydraulic Hoses and Fittings - Steer System (from SN 404)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	49612	O-RING KIT (ORFS FITTINGS)		16	49116-11537-S	HOSE ASSY,1/4,45 FEM,STR FEM.....1	
--	49613	PLUG AND CAP KIT-SERVICE,ORFS*				<i>components: 48800, 48801 and 48751 @ 113 inches</i>	
1	48911	ELBOW,90D,520220-4-6***.....8		17	75613	CONN,090136-12-8.....1	
2	48880	CAP,DIAGNOSTIC NIPPLE.....1					
3	48997	NIPPLE,DIAGNOSTIC,#4 PORT***.....1					
--	20224	DIAGNOSTIC FEMALE Q-DSCNT					
--	75098	HARNESS,PRESSURE TRANSDUCER					
4	49117-5035-S	HOSE ASSY,1/4,90 FEM,STR FEM.....2					
		<i>components: 48800, 48802 and 48751 @ 48 inches</i>					
5	49117-6435	HOSE ASSY,1/4,90 FEM,STR FEM.....2					
		<i>components: 48800, 48802 and 48751 @ 62 inches</i>					
6	49116-12237	HOSE ASSY,1/4,45 FEM,STR FEM.....1					
		<i>components: 48800, 48801 and 48751 @ 120 inches</i>					
7	49116-10937-S	HOSE ASSY,1/4,45 FEM,STR FEM.....1					
		<i>components: 48800, 48801 and 48751 @ 107 inches</i>					
8	48912	CONN,520120-4-6***.....12					
9	48905	CONN,520120-4***.....4					
10	49117-5835	HOSE ASSY,1/4,90 FEM,STR FEM.....2					
		<i>components: 48800, 48802 and 48751 @ 56 inches</i>					
11	49119-10678	HOSE ASSY,1/4,STR FEM,STR FEM.....2					
		<i>components: 48800, 48800 and 48751 @ 105 inches</i>					
12	48933	CONN,520120-8***.....5					
13	49141-2963-S	HOSE ASSY,1/2,45 FEM,STR FEM.....2					
		<i>components: 48822, 48826 and 48756 @ 27 inches</i>					
14	48963	FITTING,ELBOW,45D,520320-12***.2					
15	49116-10337	HOSE ASSY,1/4,45 FEM,STR FEM.....1					
		<i>components: 48800, 48801 and 48751 @ 101 inches</i>					

714.1 Hydraulic Hoses and Fittings (to SN 364)



714.1 Hydraulic Hoses and Fittings (to SN 364)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	49612	O-RING KIT (ORFS FITTINGS)		24	49141-3613-S	HOSE ASSY,1/2" HOSE #76.....	1
--	49613	PLUG AND CAP KIT-SERVICE,ORFS*		25	48969	TEE,BULKHEAD,RUN,520958-12....	1
1	48963	FITTING,ELBOW,45D,520320-12***.4		26	61262	ELBOW,SWIVEL 90D, 520221-12....	1
2	48946	CONN,520120-8-10.....	1	27	49207	NIPPLE,DIAGNOSTIC,ORFS,FM,SWIV.2	
3	48933	CONN,520120-8***.....	9	--	20224	DIAGNOSTIC FEMALE Q-DSCNT	
4	48960	FITTING,CONN,520120-12.....	8	--	75098	HARNESS,PRESSURE TRANSDUCER	
5	48948	CONN,520120-8-12.....	3	28	48880	CAP,DIAGNOSTIC NIPPLE.....	5
6	49141-2754-S	HOSE ASSY,1/2" HOSE #72.....	1	29	75288-5538-S	HOSE ASSY 1 1/2",90 FL FEMSTR*.....	1
7	48959	FITTING,ELBOW,90D,520220-12....	1	30	61073-12530-S	HOSE ASSY,3/4" HOSE #68.....	1
8	61072-1930-S	HOSE ASSEMBLY 3/4 HOSE #117..... <i>Cummins and Perkins models</i>	1	31	61072-7226-S	HOSE ASSEMBLY,3/4 (#67).....	1
9	61072-3101-S	HOSE ASSY,3/4" HOSE #74.....	1	32	61260	REDUCER,520123-20-12.....	1
10	61272	ELBOW,STRT,SWVL, 520281, -12..... <i>Cummins and Perkins models</i>	1	33	49159-6118-S	HOSE ASSY,1" HOSE #92.....	1
--	48959	FITTING,ELBOW,90D,520220-12 <i>Deutz models</i>		34	49141-5113-S	HOSE ASSY,1/2" HOSE# 90.....	1
11	61070-7952	HOSE ASSY,1/2,90 FEM,STR FEM.....	1	35	49109-7029-S	HOSE ASSY,1/2,90 FEM,STR FEM.....	1
12	48905	CONN,520120-4***.....	2	36	61073-7230-S	HOSE ASSEMBLY 3/4 HOSE #75...1	
13	48984	CONN,520120-16.....	1	37	61086	TEE,RUN,520428-20.....	1
14	48932	FITTING,ELBOW,90D,520220-8***..1		38	48916	FITTING,CONN,520120-6.....	8
15	61352	KIT,FLANGE CODE 61 -20.....	1	39	61263	UNION,STR.THREAD 20.....	1
16	48962	TEE,BRANCH,520429-12..... <i>Cummins and Perkins models</i>	2	40	48947	ELBOW,90D,520220-8-12.....	1
17	60726	VALVE,CHECK #12 25 PSI..... <i>Cummins and Perkins models</i>	1	41	48997	NIPPLE,DIAGNOSTIC,#4 PORT***.....	3
18	61071-2252-S	HOSE,ASSY,HYD,1/4"HOSE #78/79..... to SN 320	2	--	20224	DIAGNOSTIC FEMALE Q-DSCNT	
--	75518-2364-S	HOSE ASSY,1/4" HOSE #78 &79 from SN 321		--	75098	HARNESS,PRESSURE TRANSDUCER	
19	49143-2779-S	HOSE ASSY,1/2,90 FEM,STR FEM.....	2	42	49128-2633-S	HOSE ASSY,3/8" HOSE #85.....	1
20	61072-6826-S	HOSE ASSY,3/4" HOSE #66.....	1	43	48915	ELBOW,90D,520220-6.....	4
21	61134-5833-S	HOSE ASSY,3/4" HOSE #69&70....	2	44	61135-3711-S	HOSE ASSEMBLY 1" HOSE #81..... to SN 320	1
22	61269	UNION,BULKHEAD,ORFS,520601,-4.2 to SN 320		--	61135-3611-S	HOSE ASSY,1" HOSE #81 from SN 321	
--	75574	NUT,BULKHEAD,520118-4 from SN 321		45	48993	VALVE,BALL,12 MPT-12 FPT..... to SN 296	1
23	56233	O-RING,ORFS,-4..... from SN 321	2	--	48995	VALVE,BALL,12 MSAE-12 FSAE from SN 297	
				46	75043	NIPPLE,PIPE M/M 140137-3/4..... to SN 296	1
				--	75255	UNION,STR.THREAD 12* from SN 297	
				47	48966	CONN,520102-12..... to SN 296	1

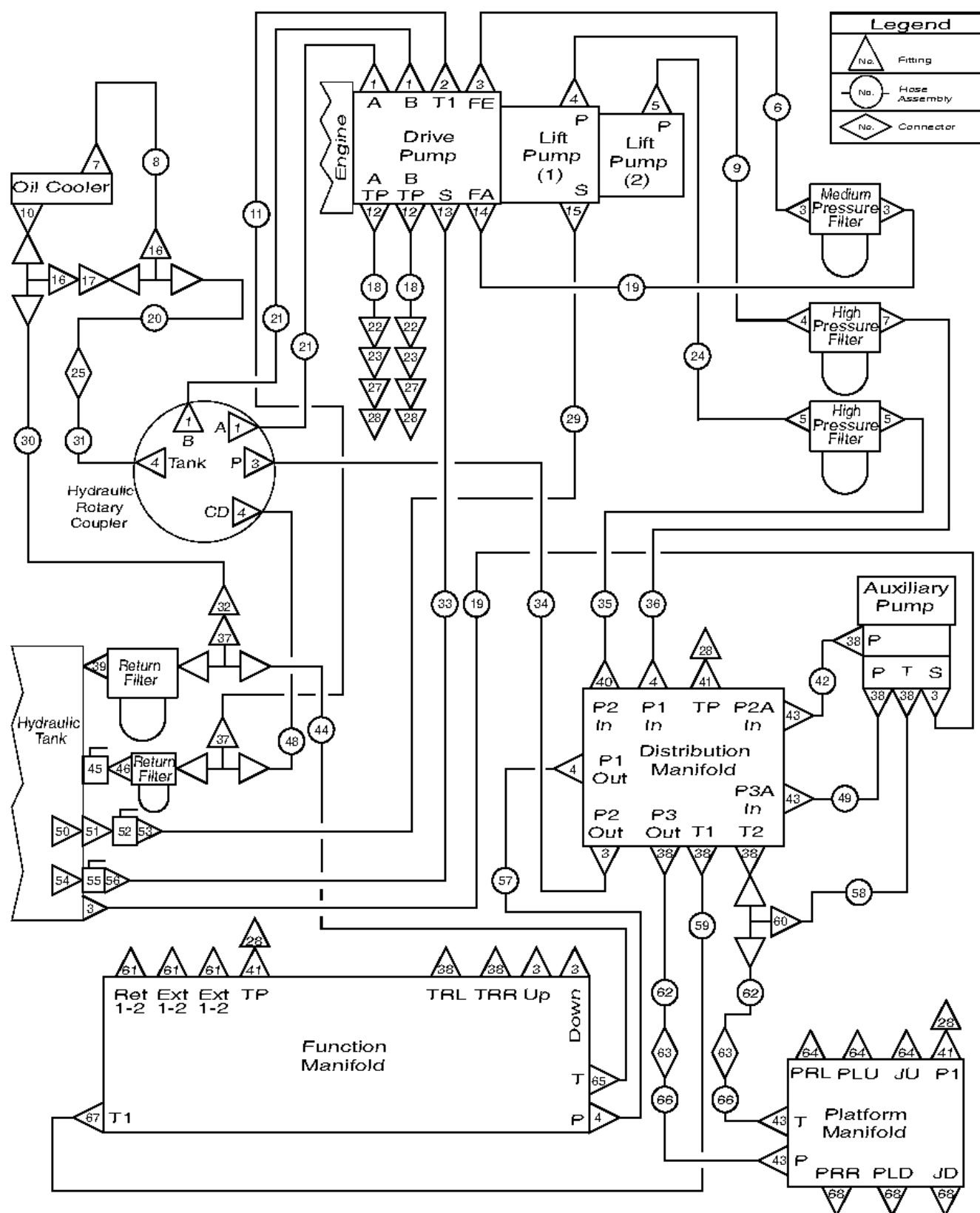
714.1 Hydraulic Hoses and Fittings (to SN 364) (continued)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	48960	FITTING,CONN,520120-12 from SN 297		66	49130-120182-S	HOSE ASSEMBLY 3/8,#118&119S120.....2 (S-120)	
48	61072-5526-S	HOSE ASSEMBLY,3/4 (#121).....1		66	49130-127882-S	HOSE ASSEMBLY 3/8,#118&119S125.....2 (S-125)	
49	49126-1883-S	HOSE ASSEMBLY 3/8 HOSE #84....1		67	48930	FITTING,CONN,520120-6-8***.....1	
50	60551	STRAINER ASSEMBLY,3" NPT.....1 to SN 296		68	48904	ELBOW,90D,520220-4-4.....3	
--	75257	STRAINER ASSY,#24 O-RING from SN 297					
51	61186	BUSHING,2 X 1.5,PLATED IRON....1 to SN 296					
--	75254	UNION,STR.THREAD 24*** from SN 297					
52	60653	VALVE,BALL,1.50" SAE.....1 to SN 296					
--	75256	VALVE BALL,24 FSAE-24 FSAE*** from SN 297					
53	61083	CONN,520120-24.....1					
54	45161	STRAINER ASSEMBLY,1.5" NPT.....1 to SN 296					
--	75253	STRAINER ASSY,#16 O-RING from SN 297					
55	61251	VALVE,BALL,1.00" SAE.....1 to SN 296					
--	48996	VALVE,BALL,16 MSAE-16 FSAE*** from SN 297					
56	48985	ELBOW,45D,520320-16.....1					
57	61073-1955-S	HOSE ASSY 3/4" HOSE #82.....1 to SN 320					
--	61073-2105-S	HOSE ASSY,3/4" HOSE #82 from SN 321					
58	49114-1646	HOSE ASSY,1/4" 90 FEM,STR FEM.....1					
59	49128-1909-S	HOSE ASSEMBLY,3/8" HOSE #80.....1 to SN 320					
--	49128-2009-S	HOSE ASSY,3/8" HOSE 80 from SN 321					
60	48875	TEE,RUN,SWIVEL,520432-6.....1					
61	48937	ELBOW,45D,520320-8.....3					
62	49130-51982	HOSE ASSY 3/8,STR FEM,STR FEM.....2					
63	61321	ELBOW,90D,BLKHD,ORFS-6-6 W/NUT.....2					
64	61259	ELBOW,90D,LONG,521520-4.....3					
65	48983	ELBOW,90D,520220-16.....1					

714.1 Hydraulic Hoses and Fittings (to SN 364)
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714.2 Hydraulic Hoses and Fittings (from SN 365 to 430)



714.2 Hydraulic Hoses and Fittings (from SN 365 to 430)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	49612	O-RING KIT (ORFS FITTINGS)		27	75098	HARNESS,PRESSURE TRANSDUCER	
--	49613	PLUG AND CAP KIT-SERVICE,ORFS*		--	20224	DIAGNOSTIC FEMALE Q-DSCNT	
1	48963	FITTING,ELBOW,45D,520320-12***.4		--	75098	HARNESS,PRESSURE TRANSDUCER	
2	48946	CONN,520120-8-10.....1		28	48880	CAP,DIAGNOSTIC NIPPLE.....5	
3	48933	CONN,520120-8***.....9		29	75288-5538-S	HOSE ASSY 1 1/2",90 FL FEMSTR*.....1	
4	48960	FITTING,CONN,520120-12.....7		30	61073-12530-S	HOSE ASSY,3/4" HOSE #68.....1	
5	48948	CONN,520120-8-12.....3		31	61072-7226-S	HOSE ASSEMBLY,3/4 (#67).....1	
6	49141-2754-S	HOSE ASSY,1/2" HOSE #72.....1		32	61260	REDUCER,520123-20-12.....1	
7	48959	FITTING,ELBOW,90D,520220-12....2		33	49159-6118-S	HOSE ASSY,1" HOSE #92.....1	
8	61072-1930-S	HOSE ASSEMBLY 3/4 HOSE #117.....1 <i>Cummins and Perkins models</i>		34	49141-5113-S	HOSE ASSY,1/2" HOSE# 90.....1	
9	61072-3101-S	HOSE ASSY,3/4" HOSE #74.....1		35	49109-7029-S	HOSE ASSY,1/2,90 FEM,STR FEM.....1	
10	48959	FITTING,ELBOW,90D,520220-12 <i>Deutz models</i>		36	61073-7230-S	HOSE ASSEMBLY 3/4 HOSE #75...1	
10	61272	ELBOW,STRT,SWVL, 520281, -12.....1 <i>Cummins and Perkins models</i>		37	61086	TEE,RUN,520428-20.....1	
--	48959	FITTING,ELBOW,90D,520220-12 <i>Deutz models</i>		38	48916	FITTING,CONN,520120-6	
11	61070-7952	HOSE ASSY,1/2,90 FEM,STR FEM.....1		39	61263	UNION,STR.THREAD 20.....1	
12	48905	CONN,520120-4***.....2		40	48947	ELBOW,90D,520220-8-12.....1	
13	48984	CONN,520120-16.....1		41	20224	DIAGNOSTIC FEMALE Q-DSCNT	
14	48932	FITTING,ELBOW,90D,520220-8***.1		41	48997	NIPPLE,DIAGNOSTIC,#4 PORT***.....3	
15	61352	KIT,FLANGE CODE 61 -20.....1		41	75098	HARNESS,PRESSURE TRANSDUCER	
16	48962	TEE,BRANCH,520429-12.....2 <i>Cummins and Perkins models</i>		--	20224	DIAGNOSTIC FEMALE Q-DSCNT	
17	60726	VALVE,CHECK #12 25 PSI.....1 <i>Cummins and Perkins models</i>		--	75098	HARNESS,PRESSURE TRANSDUCER	
18	75518-2364-S	HOSE ASSY,1/4" HOSE #78 &79....2		42	49128-2633-S	HOSE ASSY,3/8" HOSE #85.....1	
19	49143-2779-S	HOSE ASSY,1/2,90 FEM,STR FEM.....2		43	48915	ELBOW,90D,520220-6.....4	
20	61072-6826-S	HOSE ASSY,3/4" HOSE #66.....1		44	61135-3611-S	HOSE ASSY,1" HOSE #81.....1	
21	61134-5833-S	HOSE ASSY,3/4" HOSE #69&70....2		45	48995	VALVE,BALL,12 MSAE-12 FSAE....1	
22	75574	NUT,BULKHEAD,520118-4.....2		46	75255	UNION,STR.THREAD 12*.....1	
23	56233	O-RING,ORFS,-4.....2		47	48960	FITTING,CONN,520120-12.....1	
24	49141-3613-S	HOSE ASSY,1/2" HOSE #76.....1		48	61072-5526-S	HOSE ASSEMBLY,3/4 (#121).....1	
25	48969	TEE,BULKHEAD,RUN,520958-12....1		49	49126-1883-S	HOSE ASSEMBLY 3/8 HOSE #84...1	
26	61262	ELBOW,SWIVEL 90D, 520221-12....1		50	75257	STRAINER ASSY,#24 O-RING.....1	
27	20224	DIAGNOSTIC FEMALE Q-DSCNT		51	75254	UNION,STR.THREAD 24***.....1	
27	49207	NIPPLE,DIAGNOSTIC,ORFS,FM,SWIV.2		52	75256	VALVE BALL,24 FSAE-24 FSAE***.....1	
				53	61083	CONN,520120-24.....1	
				54	75253	STRAINER ASSY,#16 O-RING.....1	

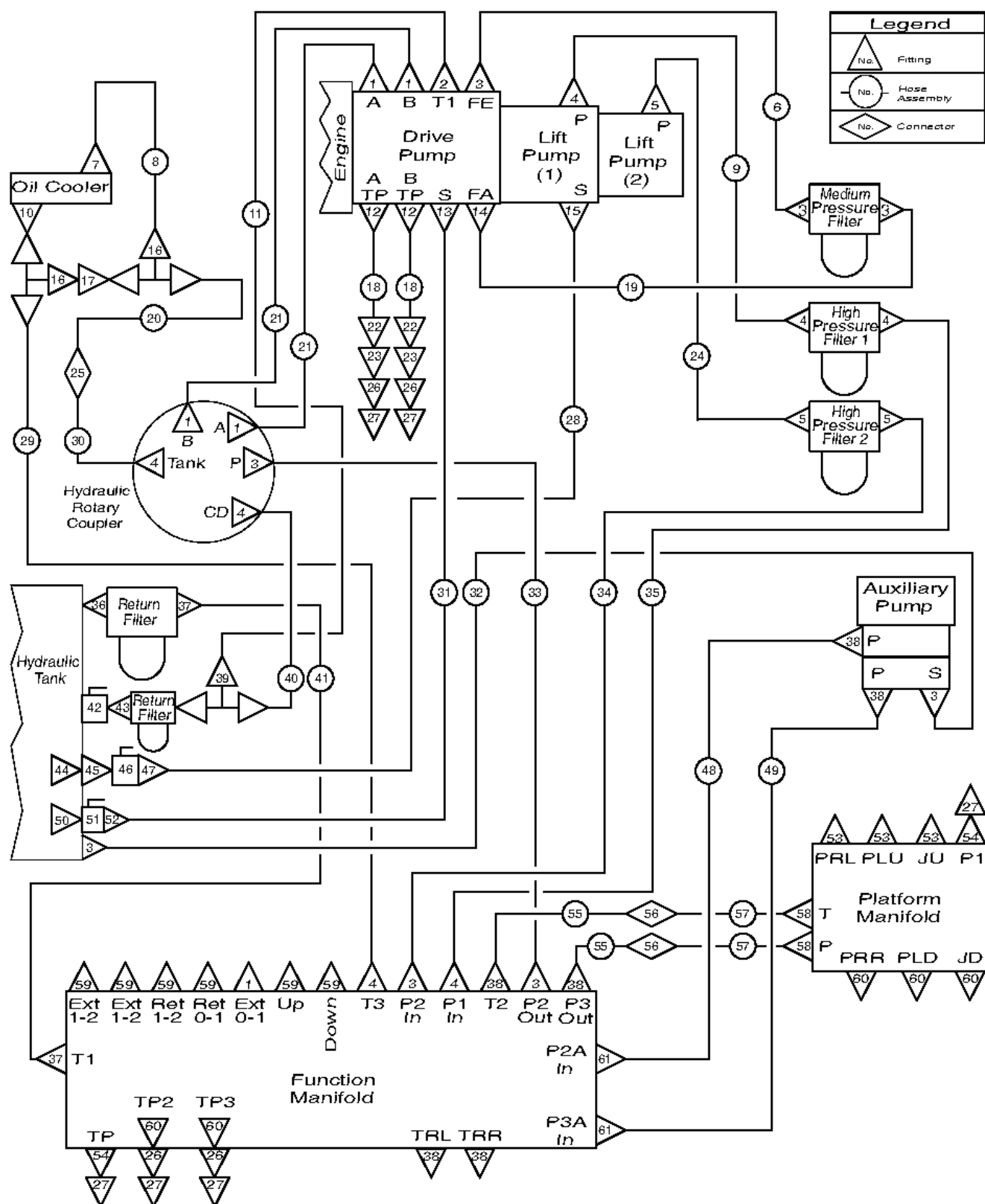
714.2 Hydraulic Hoses and Fittings (from SN 365 to 430) (continued)

Item	Part No.	Description	Qty.
55	48996	VALVE,BALL,16 MSAE-16 FSAE***	1
56	48985	ELBOW,45D,520320-16.....	1
57	61073-2105-S	HOSE ASSY,3/4" HOSE #82.....	1
58	49114-1646	HOSE ASSY,1/4" 90 FEM,STR FEM.....	1
59	49128-2009-S	HOSE ASSY,3/8" HOSE 80.....	1
60	48875	TEE,RUN,SWIVEL,520432-6.....	1
61	48937	ELBOW,45D,520320-8.....	3
62	49130-51982	HOSE ASSY 3/8,STR FEM,STR FEM.....	2
63	61321	ELBOW,90D,BLKHD,ORFS-6-6 W/NUT.....	2
64	61259	ELBOW,90D,LONG,521520-4.....	3
65	48983	ELBOW,90D,520220-16.....	1
66	49130-120182-S	HOSE ASSEMBLY 3/8,#118&119S120..... (S-120)	2
66	49130-127882-S	HOSE ASSEMBLY 3/8,#118&119S125 (S-125)	
67	48930	FITTING,CONN,520120-6-8***	1
68	48904	ELBOW,90D,520220-4-4.....	3

714.2 Hydraulic Hoses and Fittings (from SN 365 to 430)
(continued)

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714.3 Hydraulic Hoses and Fittings (from SN 431 to 476)



714.3 Hydraulic Hoses and Fittings (from SN 431 to 476)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	49612	O-RING KIT (ORFS FITTINGS)		28	75288-5538-S	HOSE ASSY 1 1/2",90 FL FEMSTR*.....	1
--	49613	PLUG AND CAP KIT-SERVICE,ORFS*		29	61073-12530-S	HOSE ASSY,3/4" HOSE #68.....	1
1	48963	FITTING,ELBOW,45D,520320-12***.5		30	61072-7226-S	HOSE ASSEMBLY,3/4 (#67).....	1
2	48946	CONN,520120-8-10.....	1	31	49159-6118-S	HOSE ASSY,1" HOSE #92.....	1
3	48933	CONN,520120-8***.....	8	32	49143-3829-S	HOSE ASSY,1/2" HOSE #83.....	1
4	48960	FITTING,CONN,520120-12.....	7	33	49141-4263-S	HOSE ASSY,1/2" HOSE #90.....	1
5	48948	CONN,520120-8-12.....	3	34	49143-6329-S	HOSE ASSY,1/2" HOSE #77.....	1
6	49141-2754-S	HOSE ASSY,1/2" HOSE #72.....	1	35	61073-6230-S	HOSE ASSEMBLY 3/4 HOSE #75...1	
7	48959	FITTING,ELBOW,90D,520220-12...1		36	61263	UNION,STR.THREAD 20.....	1
8	61073-1930-S	HOSE ASSY 3/4" HOSE #117.....1 <i>Cummins and Perkins models</i>		37	75654	CONN,520120-20.....	2
9	61072-3101-S	HOSE ASSY,3/4" HOSE #74.....	1	38	48916	FITTING,CONN,520120-6.....	6
10	61272	ELBOW,STRT,SWVL, 520281, -12.....	1	39	48961	TEE,RUN,520428-12.....	1
		<i>Cummins and Perkins models</i>		40	61072-5526-S	HOSE ASSEMBLY,3/4 (#121).....	1
--	48959	FITTING,ELBOW,90D,520220-12 <i>Deutz models</i>		41	75657-2515-S	HOSE ASSY,1-1/4" HOSE #81.....	1
11	61070-6626-S	HOSE ASSY,1/2,90 FEM,STR FEM.....	1	42	48995	VALVE,BALL,12 MSAE-12 FSAE....	1
12	48905	CONN,520120-4***.....	2	43	75255	UNION,STR.THREAD 12*.....	1
13	48984	CONN,520120-16.....	1	44	75257	STRAINER ASSY,#24 O-RING.....	1
14	48932	FITTING,ELBOW,90D,520220-8***.1		45	75254	UNION,STR.THREAD 24***.....	1
15	61352	KIT,FLANGE CODE 61 -20.....	1	46	75256	VALVE BALL,24 FSAE-24 FSAE***.....	1
16	48962	TEE,BRANCH,520429-12.....	2	47	61083	CONN,520120-24.....	1
		<i>Cummins and Perkins models</i>		48	49126-1583-S	HOSE ASSY,3/8" HOSE #85.....	1
17	60726	VALVE,CHECK #12 25 PSI.....	1	49	49128-1350-S	HOSE ASSEMBLY 3/8 HOSE #84...1	
		<i>Cummins and Perkins models</i>		50	75253	STRAINER ASSY,#16 O-RING.....	1
18	75518-2272	HOSE ASSY,1/4" STR MALE STR FE.....	2	51	48996	VALVE,BALL,16 MSAE-16 FSAE***.....	1
19	49143-2779-S	HOSE ASSY,1/2,90 FEM,STR FEM.....	1	52	48985	ELBOW,45D,520320-16.....	1
20	61072-6826-S	HOSE ASSY,3/4" HOSE #66.....	1	53	61259	ELBOW,90D,LONG,521520-4.....	3
21	61134-5833-S	HOSE ASSY,3/4" HOSE #69&70....	2	54	48997	NIPPLE,DIAGNOSTIC,#4 PORT***.....	2
22	75574	NUT,BULKHEAD,520118-4.....	2	--	20224	DIAGNOSTIC FEMALE Q-DSCNT	
23	56233	O-RING,ORFS,-4.....	2	--	75098	HARNESS,PRESSURE TRANSDUCER	
24	49141-3613-S	HOSE ASSY,1/2" HOSE #76.....	1	55	49130-51982	HOSE ASSY 3/8,STR FEM,STR FEM.....	2
25	48968	CONN,BULKHEAD,520601-12.....	1	56	61321	ELBOW,90D,BLKHD,ORFS-6-6 W/NUT.....	2
26	49207	NIPPLE,DIAGNOSTIC,ORFS,FM,SWIV.4		57	49130-120182-S	HOSE ASSEMBLY 3/8,#118&119S120.....	2
--	20224	DIAGNOSTIC FEMALE Q-DSCNT				(S-120)	
--	75098	HARNESS,PRESSURE TRANSDUCER					
27	48880	CAP,DIAGNOSTIC NIPPLE.....	6				

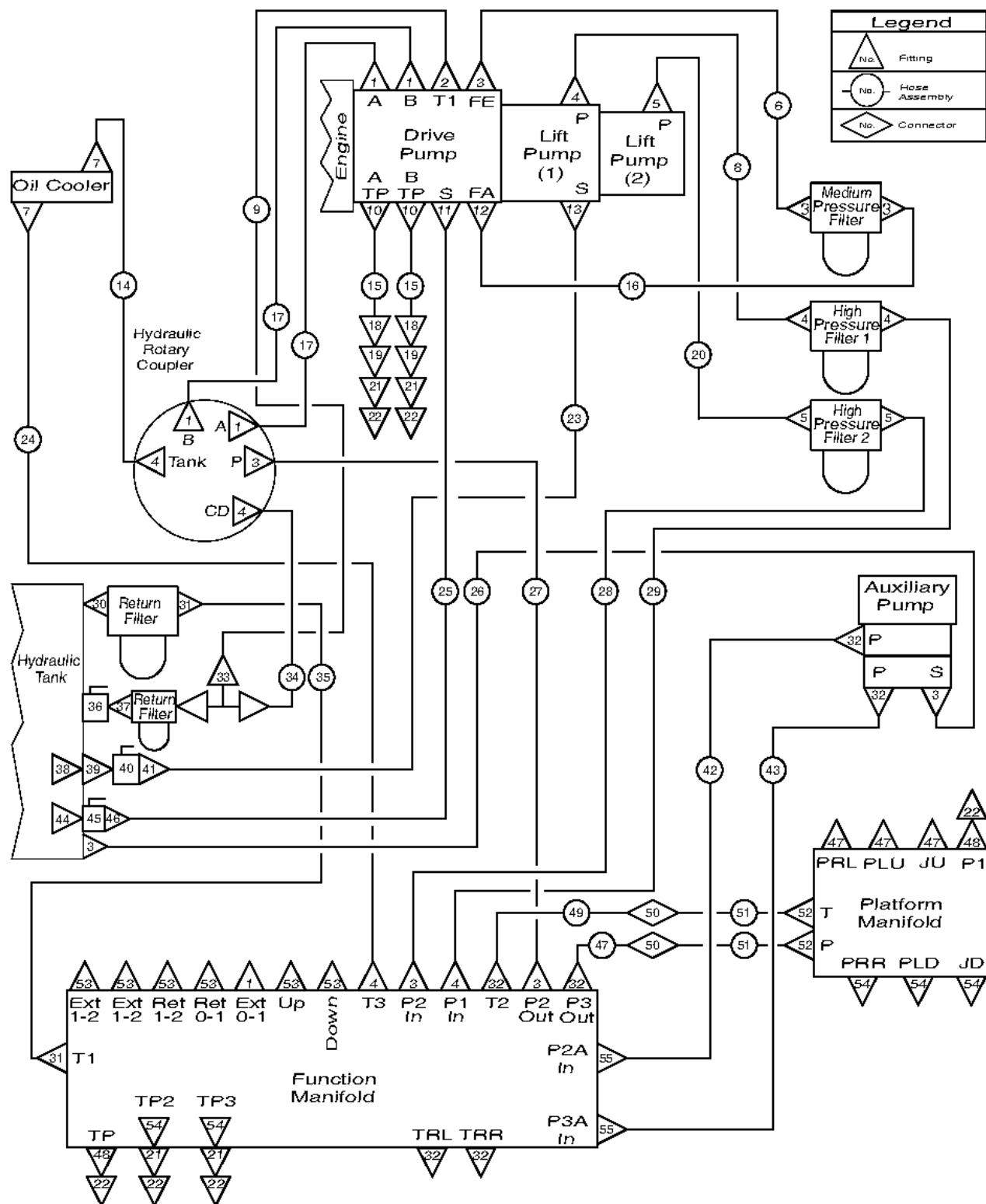
714.3 Hydraulic Hoses and Fittings (from SN 431 to 476)
(continued)

Item	Part No.	Description	Qty.
57	49130-12782 49130-12782S	HOSE ASSEMBLY 3/8,#118&119S125 (S-125)	
58	48915	ELBOW,90D,520220-6.....	2
59	48937	ELBOW,45D,520320-8.....	6
60	48904	ELBOW,90D,520220-4-4.....	5
61	48920	ELBOW,45D,520320-6.....	2

714.3 Hydraulic Hoses and Fittings (from SN 431 to 476)
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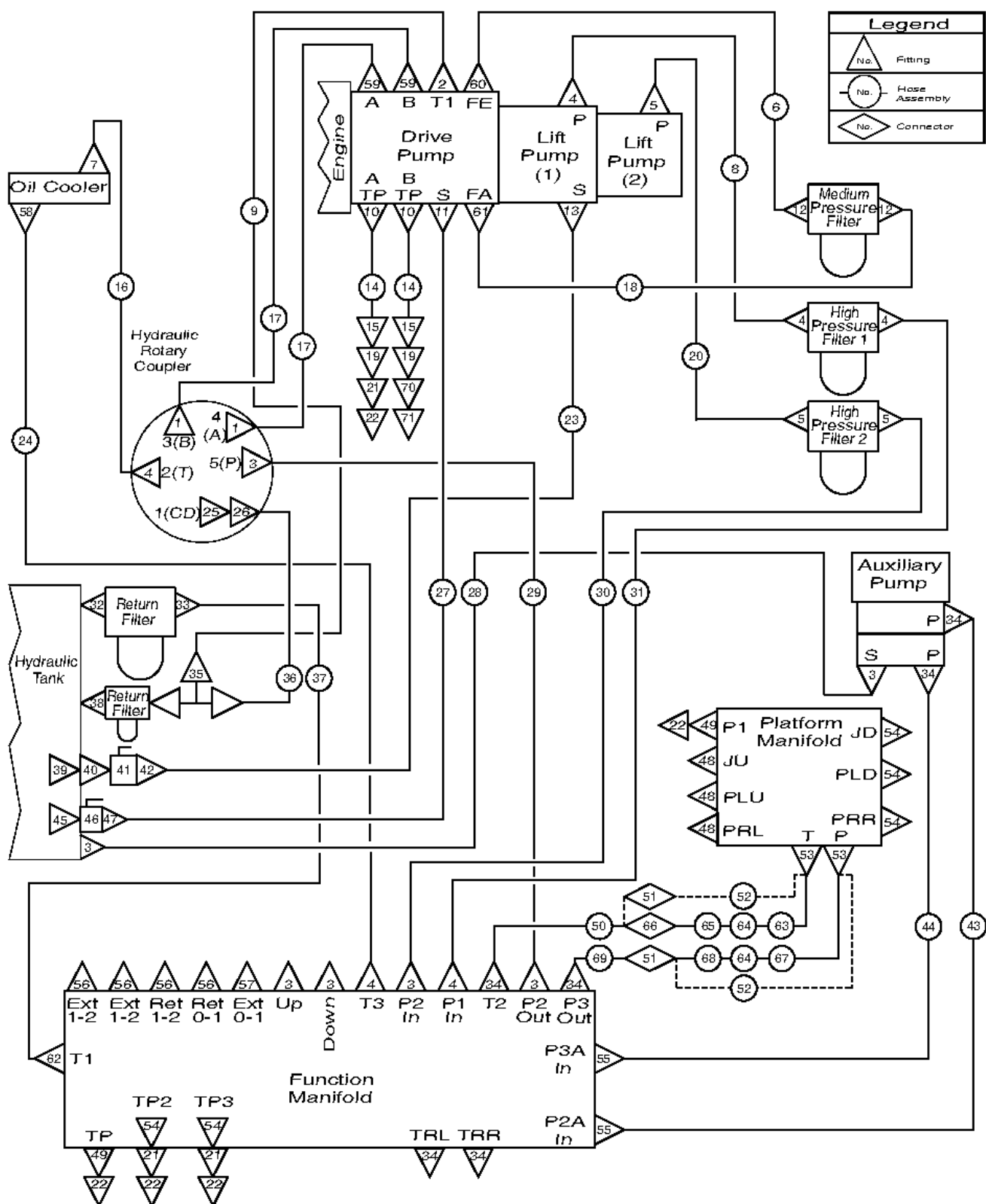
715.1 Hydraulic Hoses and Fittings - Deutz Models (from SN 477 to 541)



715.1 Hydraulic Hoses and Fittings - Deutz Models (from SN 477 to 541)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	49612	O-RING KIT (ORFS FITTINGS)		32	48916	FITTING,CONN,520120-6.....	6
--	49613	PLUG AND CAP KIT-SERVICE,ORFS*		33	48961	TEE,RUN,520428-12.....	1
1	48963	FITTING,ELBOW,45D,520320-12***.5		34	61072-5526-S	HOSE ASSEMBLY,3/4 (#121).....	1
2	48946	CONN,520120-8-10.....	1	35	75657-2515-S	HOSE ASSY,1-1/4" HOSE #81.....	1
3	48933	CONN,520120-8***.....	8	36	48995	VALVE,BALL,12 MSAE-12 FSAE.....	1
4	48960	FITTING,CONN,520120-12.....	7	37	75255	UNION,STR.THREAD 12*.....	1
5	48948	CONN,520120-8-12.....	3	38	75257	STRAINER ASSY,#24 O-RING.....	1
6	49141-2754-S	HOSE ASSY,1/2" HOSE #72.....	1	39	75254	UNION,STR.THREAD 24***.....	1
7	48959	FITTING,ELBOW,90D,520220-12.....	2	40	75256	VALVE BALL,24 FSAE-24 FSAE***.....	1
8	61072-3101-S	HOSE ASSY,3/4" HOSE #74.....	1	41	61083	CONN,520120-24.....	1
9	61070-6626-S	HOSE ASSY,1/2,90 FEM,STR FEM.....	1	42	49126-1583-S	HOSE ASSY,3/8" HOSE #85.....	1
10	48905	CONN,520120-4***.....	2	43	49128-1350-S	HOSE ASSEMBLY 3/8 HOSE #84.....	1
11	48984	CONN,520120-16.....	1	44	75253	STRAINER ASSY,#16 O-RING.....	1
12	48932	FITTING,ELBOW,90D,520220-8***.....	1	45	48996	VALVE,BALL,16 MSAE-16 FSAE***.....	1
13	61352	KIT,FLANGE CODE 61 -20.....	1	46	48985	ELBOW,45D,520320-16.....	1
14	61072-12126-S	HOSE ASSEMBLY 3/4" 45D-STR.....	1	47	61259	ELBOW,90D,LONG,521520-4.....	3
15	75518-2272	HOSE ASSY,1/4" STR MALE STR FE.....	2	48	48997	NIPPLE,DIAGNOSTIC,#4 PORT***.....	2
16	49143-2779-S	HOSE ASSY,1/2,90 FEM,STR FEM.....	1	--	20224	DIAGNOSTIC FEMALE Q-DSCNT	
17	61134-5833-S	HOSE ASSY,3/4" HOSE #69&70.....	1	--	75098	HARNESS,PRESSURE TRANSDUCER	
18	75574	NUT,BULKHEAD,520118-4.....	2	49	61321	ELBOW,90D,BLKHD,ORFS-6-6 W/NUT.....	2
19	56233	O-RING,ORFS,-4.....	2	50	49130-51982	HOSE ASSY 3/8,STR FEM,STR FEM.....	2
20	49141-3613-S	HOSE ASSY,1/2" HOSE #76.....	1	51	49130-120182-S	HOSE ASSEMBLY 3/8,#118&119S120.....	2
21	49207	NIPPLE,DIAGNOSTIC,ORFS,FM,SWIV.4				(S-120)	
--	20224	DIAGNOSTIC FEMALE Q-DSCNT		51	49130-127882-S	HOSE ASSEMBLY 3/8,#118&119S125 (S-125)	
--	75098	HARNESS,PRESSURE TRANSDUCER		52	48915	ELBOW,90D,520220-6.....	2
22	48880	CAP,DIAGNOSTIC NIPPLE.....	6	53	48937	ELBOW,45D,520320-8.....	6
23	75288-5538-S	HOSE ASSY 1 1/2",90 FL FEMSTR*.....	1	54	48904	ELBOW,90D,520220-4-4.....	5
24	61073-12530-S	HOSE ASSY,3/4" HOSE #68.....	1	55	48920	ELBOW,45D,520320-6.....	2
25	49159-6118-S	HOSE ASSY,1" HOSE #92.....	1				
26	49143-3829-S	HOSE ASSY,1/2" HOSE #83.....	1				
27	49141-4263-S	HOSE ASSY,1/2" HOSE #90.....	1				
28	49143-6329-S	HOSE ASSY,1/2" HOSE #77.....	1				
29	61073-6230-S	HOSE ASSEMBLY 3/4 HOSE #75.....	1				
30	61263	UNION,STR.THREAD 20.....	1				
31	75654	CONN,520120-20.....	2				

715.2 Hydraulic Hoses and Fittings - Deutz Models (from SN 542)



715.2 Hydraulic Hoses and Fittings - Deutz Models (from SN 542)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	49612	O-RING KIT (ORFS FITTINGS)		--	94374-5530	HOSE ASSY,3/4,90 FEM,STR FEM** from SN 1029	
--	49613	PLUG AND CAP KIT-SERVICE,ORFS*		18	49143-2779-S	HOSE ASSY,1/2,90 FEM,STR FEM.....	1
1	48963	FITTING,ELBOW,45D,520320-12***	2	19	56233	O-RING,ORFS,-4.....	2
2	48946	CONN,520120-8-10..... to SN 1028	1	20	49141-3613-S	HOSE ASSY,1/2" HOSE #76.....	1
--	48947	ELBOW,90D,520220-8-12 from SN 1029		20	49143-3529	HOSE ASSY,1/2,90 FEM,STR FEM** from SN 921	
3	48933	CONN,520120-8***	7	--	49143-3529	HOSE ASSY,1/2,90 FEM,STR FEM** from SN 921	
4	48960	FITTING,CONN,520120-12.....	6	21	49207	NIPPLE,DIAGNOSTIC,ORFS,FM,SWIV.	3
5	48948	CONN,520120-8-12.....	3	--	20224	DIAGNOSTIC FEMALE Q-DSCNT	
6	49141-2754-S	HOSE ASSY,1/2" HOSE #72..... to SN 920	1	--	75098	HARNESS,PRESSURE TRANSDUCER	
--	49143-1929	HOSE ASSY,1/2,90 FEM,STR FEM from SN 1029		22	48880	CAP,DIAGNOSTIC NIPPLE.....	5
--	49143-2829	HOSE ASSY,1/2,90 FEM,STR FEMR to SN 1028		23	75288-5538-S	HOSE ASSY 1 1/2",90 FL FEMSTR*.....	1
7	48959	FITTING,ELBOW,90D,520220-12....	1	24	61073-12530-S	HOSE ASSY,3/4" HOSE #68..... to SN 920	1
8	61072-3101-S	HOSE ASSY,3/4" HOSE #74..... to SN 920	1	--	61073-5430	HOSE ASSY,3/4",90°FEM,STR FEM from SN 921	
8	61073-3230	HOSE ASSY,3/4,90 FEM,STR FEM** from SN 921		25	75613	CONN,090136-12-8.....	1
--	61073-3230	HOSE ASSY,3/4,90 FEM,STR FEM** from SN 921		26	48937	ELBOW,45D,520320-8.....	1
9	49143-8429	HOSE ASSY,1/2,90 FEM,STR FEMEM.....	1	27	49159-6118-S	HOSE ASSY,1" HOSE #92.....	1
10	48905	CONN,520120-4***	2	28	49143-3829-S	HOSE ASSY,1/2" HOSE #83.....	1
11	48984	CONN,520120-16.....	2	29	49141-4263-S	HOSE ASSY,1/2" HOSE #90.....	1
12	48932	FITTING,ELBOW,90D,520220-8*** .. from SN 921	2	30	49143-6329-S	HOSE ASSY,1/2" HOSE #77.....	1
--	48933	CONN,520120-8*** to SN 920		31	61073-6230-S	HOSE ASSEMBLY 3/4 HOSE #75...	1
13	61352	KIT,FLANGE CODE 61 -20.....	1	32	61263	UNION,STR.THREAD 20.....	1
14	75518-2272	HOSE ASSY,1/4" STR MALE STR FE..... to SN 984	2	33	75654	CONN,520120-20.....	1
15	75574	NUT,BULKHEAD,520118-4..... to SN 984	2	34	48916	FITTING,CONN,520120-6.....	6
16	61072-12126-S	HOSE ASSEMBLY 3/4" 45D-STR.... to SN 920	1	35	48935	TEE,RUN,520428-8.....	1
--	61072-8326	HOSE ASSY,3/4,45 FEM,STR FEM from SN 921		36	49143-6529-S	HOSE ASSY,1/2,90 FEM,STR FEM..... to SN 649	1
17	61134-5833-S	HOSE ASSY,3/4" HOSE #69&70..... to SN 1028	2	--	49143-7029-S	HOSE ASSY,1/2,90 FEM,STR FEM from SN 650	
				37	75657-2515-S	HOSE ASSY,1-1/4" HOSE #81.....	1
				38	75971	UNION,STR.THREAD -8..... to SN 649	1
				39	75257	STRAINER ASSY,#24 O-RING.....	1

715.2 Hydraulic Hoses and Fittings - Deutz Models (from SN 542)

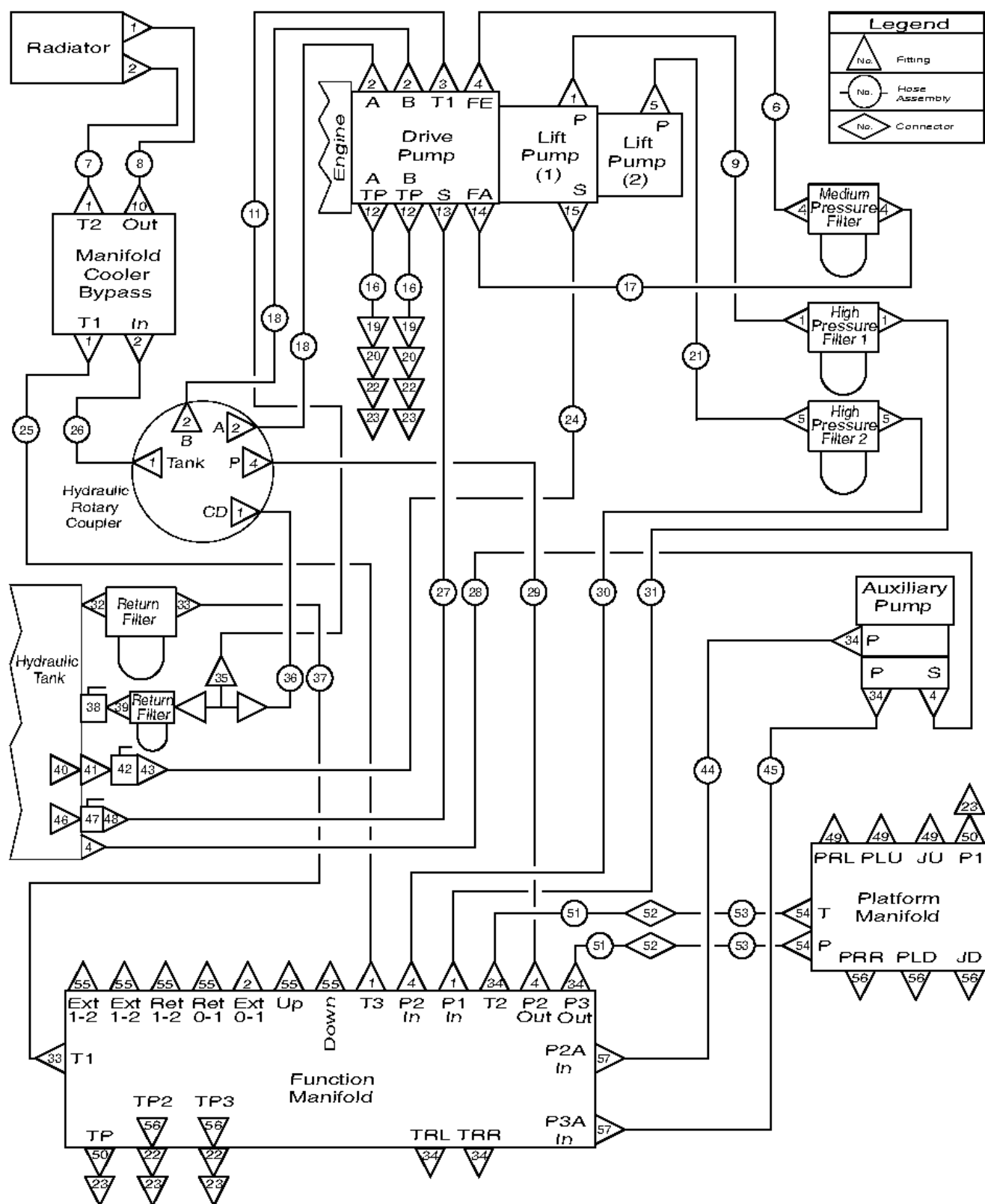
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Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
40	75254	UNION,STR.THREAD 24*** from SN 837 to SN 674		55	48920	ELBOW,45D,520320-6.....	2
41	75256	VALVE BALL,24 FSAE-24 FSAE***1 from SN 837 to SN 674	1	56	48933	CONN,520120-8*** from SN 722	
42	61083	CONN,520120-24.....	1	56	48937	ELBOW,45D,520320-8.....	4
43	49126-1583-S	HOSE ASSY,3/8" HOSE #85.....	1	--	48933	CONN,520120-8*** from SN 722	
43	49126-1783	HOSE ASSY,3/8,45 FEM,STR FEM from SN 575		57	48963	FITTING,ELBOW,45D,520320-12***	1
--	49126-1783	HOSE ASSY,3/8,45 FEM,STR FEM from SN 575		--	48960	FITTING,CONN,520120-12 from SN 722	
44	49128-1350-S	HOSE ASSEMBLY 3/8 HOSE #84...1 to SN 574	1	58	48959	FITTING,ELBOW,90D,520220-12....	1
--	49128-1650	HOSE ASSEMBLY-3/8" from SN 575		--	48960	FITTING,CONN,520120-12 from SN 921	
45	75253	STRAINER ASSY,#16 O-RING.....	1	59	48963	FITTING,ELBOW,45D,520320-12***	2
46	48996	VALVE,BALL,16 MSAE-16 FSAE***1 to SN 674	1	--	48978	ELBOW,45D,520320-12-16 from SN 1029	
47	48985	ELBOW,45D,520320-16.....	1	60	48933	CONN,520120-8***1 to SN 1028	1
48	61259	ELBOW,90D,LONG,521520-4.....	3	--	48946	CONN,520120-8-10 from SN 1029	
49	48997	NIPPLE,DIAGNOSTIC,#4 PORT***2	2	61	48932	FITTING,ELBOW,90D,520220-8*** ..	1
--	20224	DIAGNOSTIC FEMALE Q-DSCNT		--	48946	CONN,520120-8-10 from SN 1029	
--	75098	HARNESS,PRESSURE TRANSDUCER		62	61260	REDUCER,520123-20-12.....	1
50	49128-51809	HOSE ASSY,3/8" 90 FEM,STR FEM.....1	1	63	49130-49382	HOSE ASSEMBLY, 3/8.....1 (S-120) from SN 1430	1
51	61321	ELBOW,90D,BLKHD,ORFS-6-6 W/NUT.....2	2	63	49130-55382	HOSE ASSY, 3/8 (S-125) from SN 1430	
52	49130-120182-S	HOSE ASSEMBLY 3/8,#118&119S120.....2 (S-120) to SN 1429	2	64	111436	HYDRAULIC TUBE,BOOM CROSSOVER.....2 from SN 1430	2
52	49130-12782-S	HOSE ASSEMBLY 3/8,#118&119S125 (S-125) from SN 542 to SN 1429		--	111437	HYDRAULIC TWIN CLAMP	
--	111444	KIT,HOSE/HARDLINE UPGRADE,S125 (S-125)		65	49130-72982	HOSE ASSEMBLY, 3/8.....1 from SN 1430	1
--	111600	KIT,HOSE/HARDLINE UPGRADE,S120 (S-120)		66	61080	FITTING,6-6BLKHEADUNION 520601.....1 from SN 1430	1
53	48915	ELBOW,90D,520220-6.....	2	67	49130-49382	HOSE ASSEMBLY, 3/8.....1 (S-120) from SN 1430	1
54	48904	ELBOW,90D,520220-4-4.....	5	67	49130-55382	HOSE ASSY, 3/8 (S-125) from SN 1430	
				68	49130-76382	HOSE ASSEMBLY, 3/8.....1 from SN 1430	1

715.2 Hydraulic Hoses and Fittings - Deutz Models (from SN 542)
(continued)

Item	Part No.	Description	Qty.
69	49130-51982	HOSE ASSY 3/8,STR FEM,STR FEM.....1	
70	49207	NIPPLE,DIAGNOSTIC,ORFS,FM,SWIV.1 to SN 1028	
--	20224	DIAGNOSTIC FEMALE Q-DSCNT	
--	75098	HARNESS,PRESSURE TRANSDUCER	
71	48880	CAP,DIAGNOSTIC NIPPLE.....1 to SN 1028	

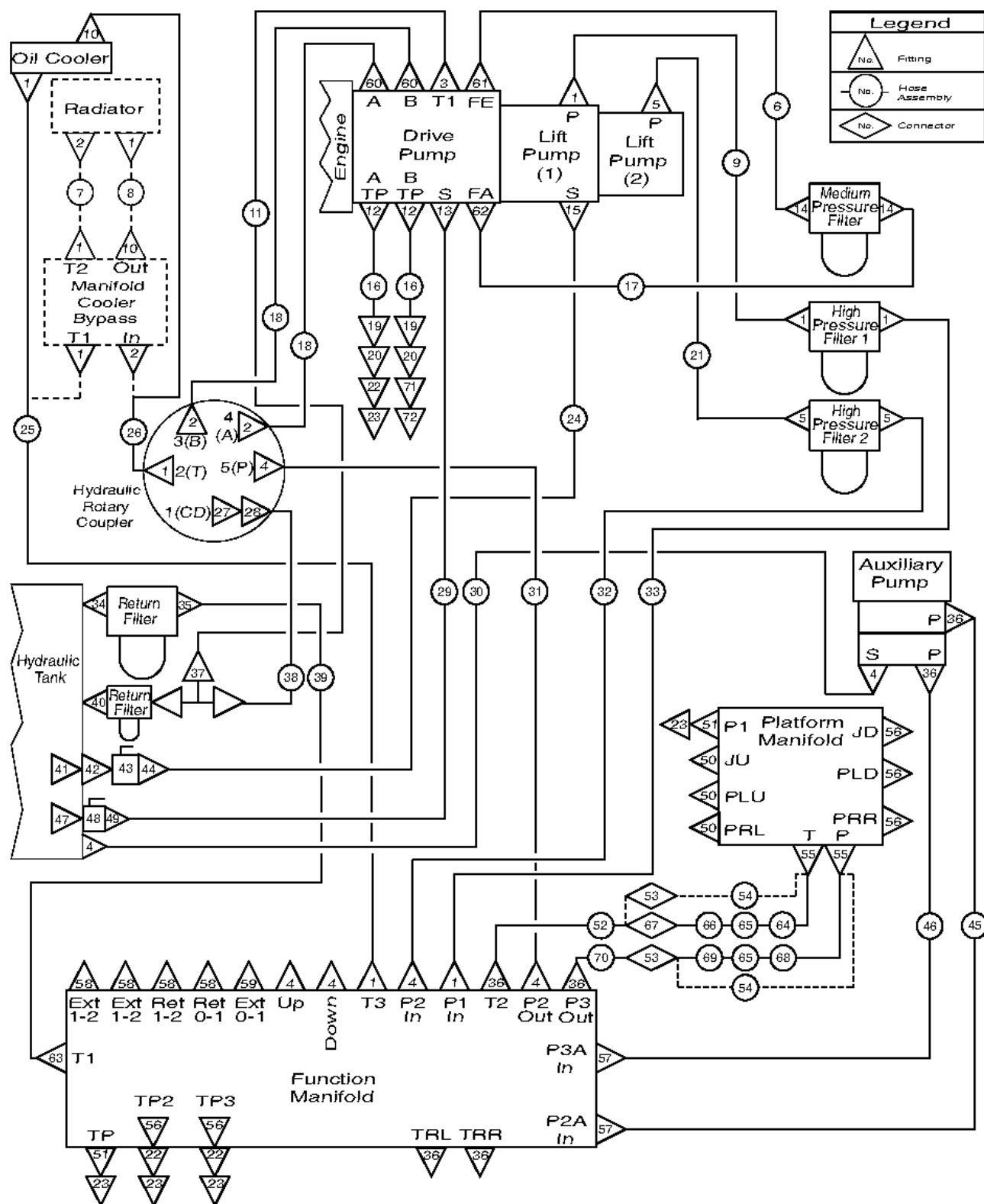
716.1 Hydraulic Hoses and Fittings - Cummins and Perkins Models (from SN 477 to 541)



716.1 Hydraulic Hoses and Fittings - Cummins and Perkins Models (from SN 477 to 541)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	49612	O-RING KIT (ORFS FITTINGS)		31	61073-6230-S	HOSE ASSEMBLY 3/4 HOSE #75...	1
--	49613	PLUG AND CAP KIT-SERVICE,ORFS*		32	61263	UNION,STR.THREAD 20.....	1
1	48960	FITTING,CONN,520120-12.....	10	33	75654	CONN,520120-20.....	2
2	48963	FITTING,ELBOW,45D,520320-12***	7	34	48916	FITTING,CONN,520120-6.....	6
3	48946	CONN,520120-8-10.....	1	35	48961	TEE,RUN,520428-12.....	1
4	48933	CONN,520120-8***.....	8	36	61072-5526-S	HOSE ASSEMBLY,3/4 (#121).....	1
5	48948	CONN,520120-8-12.....	3	37	75657-2515-S	HOSE ASSY,1-1/4" HOSE #81.....	1
6	49141-2754-S	HOSE ASSY,1/2" HOSE #72.....	1	38	48995	VALVE,BALL,12 MSAE-12 FSAE.....	1
7	61074-1972	HOSE ASSEMBLY 3/4" STR-STR.....	1	39	75255	UNION,STR.THREAD 12*.....	1
8	61072-3826	HOSE ASSY,3/4" 45 FEM STR FEM.....	1	40	75257	STRAINER ASSY,#24 O-RING.....	1
9	61072-3101-S	HOSE ASSY,3/4" HOSE #74.....	1	41	75254	UNION,STR.THREAD 24***.....	1
10	48959	FITTING,ELBOW,90D,520220-12.....	1	42	75256	VALVE BALL,24 FSAE-24 FSAE***.....	1
11	61070-6626-S	HOSE ASSY,1/2,90 FEM,STR FEM.....	1	43	61083	CONN,520120-24.....	1
12	48905	CONN,520120-4***.....	2	44	49126-1583-S	HOSE ASSY,3/8" HOSE #85.....	1
13	48984	CONN,520120-16.....	1	45	49128-1350-S	HOSE ASSEMBLY 3/8 HOSE #84...1	
14	48932	FITTING,ELBOW,90D,520220-8***..1		46	75253	STRAINER ASSY,#16 O-RING.....	1
15	61352	KIT,FLANGE CODE 61 -20.....	1	47	48996	VALVE,BALL,16 MSAE-16 FSAE***.....	1
16	75518-2272	HOSE ASSY,1/4" STR MALE STR FE.....	2	48	48985	ELBOW,45D,520320-16.....	1
17	49143-2779-S	HOSE ASSY,1/2,90 FEM,STR FEM.....	1	49	61259	ELBOW,90D,LONG,521520-4.....	3
18	61134-5833-S	HOSE ASSY,3/4" HOSE #69&70.....	2	50	48997	NIPPLE,DIAGNOSTIC,#4 PORT***.....	2
19	75574	NUT,BULKHEAD,520118-4.....	2	--	20224	DIAGNOSTIC FEMALE Q-DSCNT	
20	56233	O-RING,ORFS,-4.....	2	--	75098	HARNESS,PRESSURE TRANSDUCER	
21	49141-3613-S	HOSE ASSY,1/2" HOSE #76.....	1	51	49130-51982	HOSE ASSY 3/8,STR FEM,STR FEM.....	2
22	49207	NIPPLE,DIAGNOSTIC,ORFS,FM,SWIV.4		52	61321	ELBOW,90D,BLKHD,ORFS-6-6 W/NUT.....	2
--	20224	DIAGNOSTIC FEMALE Q-DSCNT		53	49130-120182-S	HOSE ASSEMBLY 3/8,#118&119S120.....	2
--	75098	HARNESS,PRESSURE TRANSDUCER				(S-120)	
23	48880	CAP,DIAGNOSTIC NIPPLE.....	6	53	49130-127882-S	HOSE ASSEMBLY 3/8,#118&119S125	
24	75288-5538-S	HOSE ASSY 1 1/2",90 FL FEMSTR*.....	1			(S-125)	
25	61072-7226-S	HOSE ASSEMBLY,3/4 (#67).....	1	54	48915	ELBOW,90D,520220-6.....	2
26	61072-7426	HOSE ASSY,3/4" 45 FEM STR FEM.....	1	55	48937	ELBOW,45D,520320-8.....	6
27	49159-6118-S	HOSE ASSY,1" HOSE #92.....	1	56	48904	ELBOW,90D,520220-4-4.....	5
28	49143-3829-S	HOSE ASSY,1/2" HOSE #83.....	1	57	48920	ELBOW,45D,520320-6.....	2
29	49141-4263-S	HOSE ASSY,1/2" HOSE #90.....	1				
30	49143-6329-S	HOSE ASSY,1/2" HOSE #77.....	1				

716.2 Hydraulic Hoses and Fittings - Cummins and Perkins Models (from SN 542)



716.2 Hydraulic Hoses and Fittings - Cummins and Perkins Models (from SN 542)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	49612	O-RING KIT (ORFS FITTINGS)		17	49143-2779-S	HOSE ASSY,1/2,90 FEM,STR FEM.....1 from SN 542	1
--	49613	PLUG AND CAP KIT-SERVICE,ORFS*		18	61134-5833-S	HOSE ASSY,3/4" HOSE #69&70.....2 to SN 1028	2
1	48960	FITTING,CONN,520120-12.....9 to SN 984	9	18	94374-5530	HOSE ASSY,3/4,90 FEM,STR FEM** from SN 1029	
--	48960	FITTING,CONN,520120-12.....6 from SN 985	6	--	94374-5530	HOSE ASSY,3/4,90 FEM,STR FEM** from SN 1029	
2	48963	FITTING,ELBOW,45D,520320-12***.4 to SN 984	4	19	75574	NUT,BULKHEAD,520118-4.....2 to SN 984	2
--	48963	FITTING,ELBOW,45D,520320-12***.2 from SN 985	2	20	56233	O-RING,ORFS,-4.....2 to SN 984	2
3	48946	CONN,520120-8-10.....1 to SN 1028	1	21	49141-3613-S	HOSE ASSY,1/2" HOSE #76.....1 to SN 932	1
--	48947	ELBOW,90D,520220-8-12 from SN 1029		--	49143-3529-S	HOSE ASSY,1/2,90 FEM,STR FEM from SN 933	
4	48933	CONN,520120-8***8	8	22	49207	NIPPLE,DIAGNOSTIC,ORFS,FM,SWIV.4	4
5	48948	CONN,520120-8-12.....3	3	--	20224	DIAGNOSTIC FEMALE Q-DSCNT	
6	49141-2754-S	HOSE ASSY,1/2" HOSE #72.....1 to SN 932	1	--	75098	HARNESS,PRESSURE TRANSDUCER	
--	49143-1929	HOSE ASSY,1/2,90 FEM,STR FEM from SN 1029		23	48880	CAP,DIAGNOSTIC NIPPLE.....6	6
--	49143-2829	HOSE ASSY,1/2,90 FEM,STR FEMR from SN 933 to SN 1028		24	75288-5538-S	HOSE ASSY 1 1/2",90 FL FEMSTR*1	1
7	61074-1972	HOSE ASSEMBLY 3/4" STR-STR....1 to SN 984	1	25	61072-7226-S	HOSE ASSEMBLY,3/4 (#67).....1 to SN 984	1
8	61072-3826	HOSE ASSY,3/4" 45 FEM STR FEM.....1 to SN 984	1	--	61073-5430	HOSE ASSY,3/4",90°FEM,STR FEM from SN 985	
9	61072-3101-S	HOSE ASSY,3/4" HOSE #74.....1 to SN 932	1	26	61072-7426	HOSE ASSY,3/4" 45 FEM STR FEM.....1 from SN 542 to SN 984	1
--	61073-3230	HOSE ASSY,3/4,90 FEM,STR FEM** from SN 933		--	61072-8326	HOSE ASSY,3/4,45 FEM,STR FEM from SN 985	
10	48959	FITTING,ELBOW,90D,520220-12....1	1	27	75613	CONN,090136-12-8.....1	1
11	49143-8429	HOSE ASSY,1/2,90 FEM,STR FEMEM.....1	1	28	48937	ELBOW,45D,520320-8.....1	1
12	48905	CONN,520120-4***2 to SN 984	2	29	49159-6118-S	HOSE ASSY,1" HOSE #92.....1	1
13	48984	CONN,520120-16.....1	1	30	49143-3829-S	HOSE ASSY,1/2" HOSE #83.....1	1
14	48932	FITTING,ELBOW,90D,520220-8*** ..2 from SN 933	2	31	49141-4263-S	HOSE ASSY,1/2" HOSE #90.....1	1
--	48933	CONN,520120-8*** to SN 932		32	49143-6329-S	HOSE ASSY,1/2" HOSE #77.....1	1
15	61352	KIT,FLANGE CODE 61 -20.....1	1	33	61073-6230-S	HOSE ASSEMBLY 3/4 HOSE #75...1	1
16	75518-2272	HOSE ASSY,1/4" STR MALE STR FE.....2 to SN 984	2	34	61263	UNION,STR.THREAD 20.....1	1
				35	75654	CONN,520120-20.....1	1
				36	48916	FITTING,CONN,520120-6.....6	6
				37	48935	TEE,RUN,520428-8.....1	1

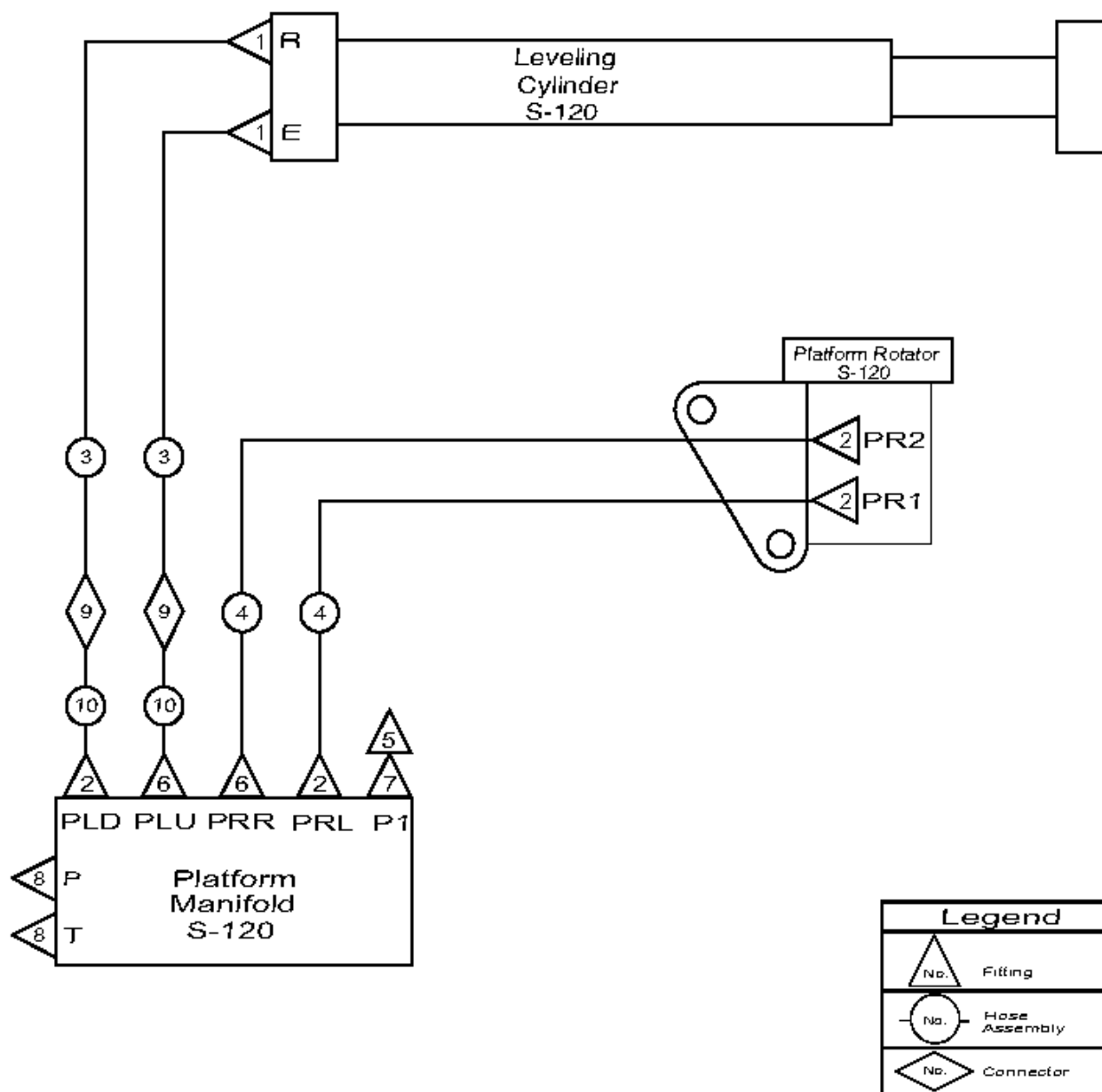
716.2 Hydraulic Hoses and Fittings - Cummins and Perkins Models (from SN 542) (continued)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
38	49143-6529-S	HOSE ASSY,1/2,90 FEM,STR FEM.....1 to SN 649	1	--	61321	ELBOW,90D,BLKHD,ORFS-6-6 W/NUT.....1 from SN 1430	1
--	49143-7029-S	HOSE ASSY,1/2,90 FEM,STR FEM from SN 650		54	49130-120182-S	HOSE ASSEMBLY 3/8,#118&119S120.....2 (S-120) to SN 1429	2
39	75657-2515-S	HOSE ASSY,1-1/4" HOSE #81.....1	1	54	49130-127882-S	HOSE ASSEMBLY 3/8,#118&119S125 (S-125) to SN 1429	
40	75971	UNION,STR.THREAD -8.....1 to SN 649	1	--	111444	KIT,HOSE/HARDLINE UPGRADE,S125 (S-125)	
41	75257	STRAINER ASSY,#24 O-RING.....1	1	--	111600	KIT,HOSE/HARDLINE UPGRADE,S120 (S-120)	
42	75254	UNION,STR.THREAD 24***.....1 to SN 674	1	55	48915	ELBOW,90D,520220-6.....2	2
--	75254	UNION,STR.THREAD 24*** from SN 837		56	48904	ELBOW,90D,520220-4-4.....5 from SN 542	5
43	75256	VALVE BALL,24 FSAE-24 FSAE***.....1 to SN 674	1	57	48920	ELBOW,45D,520320-6.....2	2
--	75256	VALVE BALL,24 FSAE-24 FSAE*** from SN 837		58	48937	ELBOW,45D,520320-8.....4 to SN 721	4
44	61083	CONN,520120-24.....1	1	--	48933	CONN,520120-8*** from SN 722	
45	49126-1583-S	HOSE ASSY,3/8" HOSE #85.....1 to SN 574	1	59	48963	FITTING,ELBOW,45D,520320-12***.1 to SN 721	1
--	49126-1783	HOSE ASSY,3/8,45 FEM,STR FEM from SN 575		--	48960	FITTING,CONN,520120-12 from SN 722	
46	49128-1350-S	HOSE ASSEMBLY 3/8 HOSE #84...1 to SN 574	1	60	48963	FITTING,ELBOW,45D,520320-12***.2 to SN 1028	2
--	49128-1650	HOSE ASSEMBLY-3/8"		60	48978	ELBOW,45D,520320-12-16 from SN 1029	
47	75253	STRAINER ASSY,#16 O-RING.....1	1	--	48978	ELBOW,45D,520320-12-16 from SN 1029	
48	48996	VALVE,BALL,16 MSAE-16 FSAE***.....1 to SN 674	1	61	48933	CONN,520120-8***.....1 to SN 1028	1
--	48996	VALVE,BALL,16 MSAE-16 FSAE*** from SN 837		--	48946	CONN,520120-8-10 from SN 1029	
49	48985	ELBOW,45D,520320-16.....1 to SN 674	1	62	48932	FITTING,ELBOW,90D,520220-8***..1 to SN 1028	1
--	48985	ELBOW,45D,520320-16 from SN 837		--	48946	CONN,520120-8-10 from SN 1029	
50	61259	ELBOW,90D,LONG,521520-4.....3	3	63	61260	REDUCER,520123-20-12.....1	1
51	48997	NIPPLE,DIAGNOSTIC,#4 PORT***.....2	2	64	49130-49382	HOSE ASSEMBLY, 3/8.....1 (S-120) from SN 1777	1
--	20224	DIAGNOSTIC FEMALE Q-DSCNT		64	49130-55382	HOSE ASSY, 3/8 (S-125) from SN 1777	
--	75098	HARNESS,PRESSURE TRANSDUCER					
52	49128-51809	HOSE ASSY,3/8" 90 FEM,STR FEM.....1	1				
53	61321	ELBOW,90D,BLKHD,ORFS-6-6 W/NUT.....2 to SN 1429	2				

716.2 Hydraulic Hoses and Fittings - Cummins and Perkins Models (from SN 542)
(continued)

Item	Part No.	Description	Qty.
65	111436	HYRAULIC TUBE,BOOM CROSSOVER.....2 <i>from SN 1430</i>	
--	111437	HYDRAULIC TWIN CLAMP	
66	49130-72982	HOSE ASSEMBLY, 3/8.....1 <i>from SN 1430</i>	
67	61080	FITTING,6-6BLKHEADUNION 520601.....1 <i>from SN 1430</i>	
68	49130-49382	HOSE ASSEMBLY, 3/8.....1 <i>(S-120) from SN 1777</i>	
68	49130-55382	HOSE ASSY, 3/8 <i>(S-125) from SN 1777</i>	
69	49130-76382	HOSE ASSEMBLY, 3/8.....1 <i>from SN 1430</i>	
70	49130-51982	HOSE ASSY 3/8,STR FEM,STR FEM.....1 <i>to SN 1429</i>	
71	49207	NIPPLE,DIAGNOSTIC,ORFS,FM,SWIV.4 <i>to SN 1028</i>	
--	20224	DIAGNOSTIC FEMALE Q-DSCNT	
--	75098	HARNESS,PRESSURE TRANSDUCER	
72	48880	CAP,DIAGNOSTIC NIPPLE.....6 <i>to SN 1028</i>	

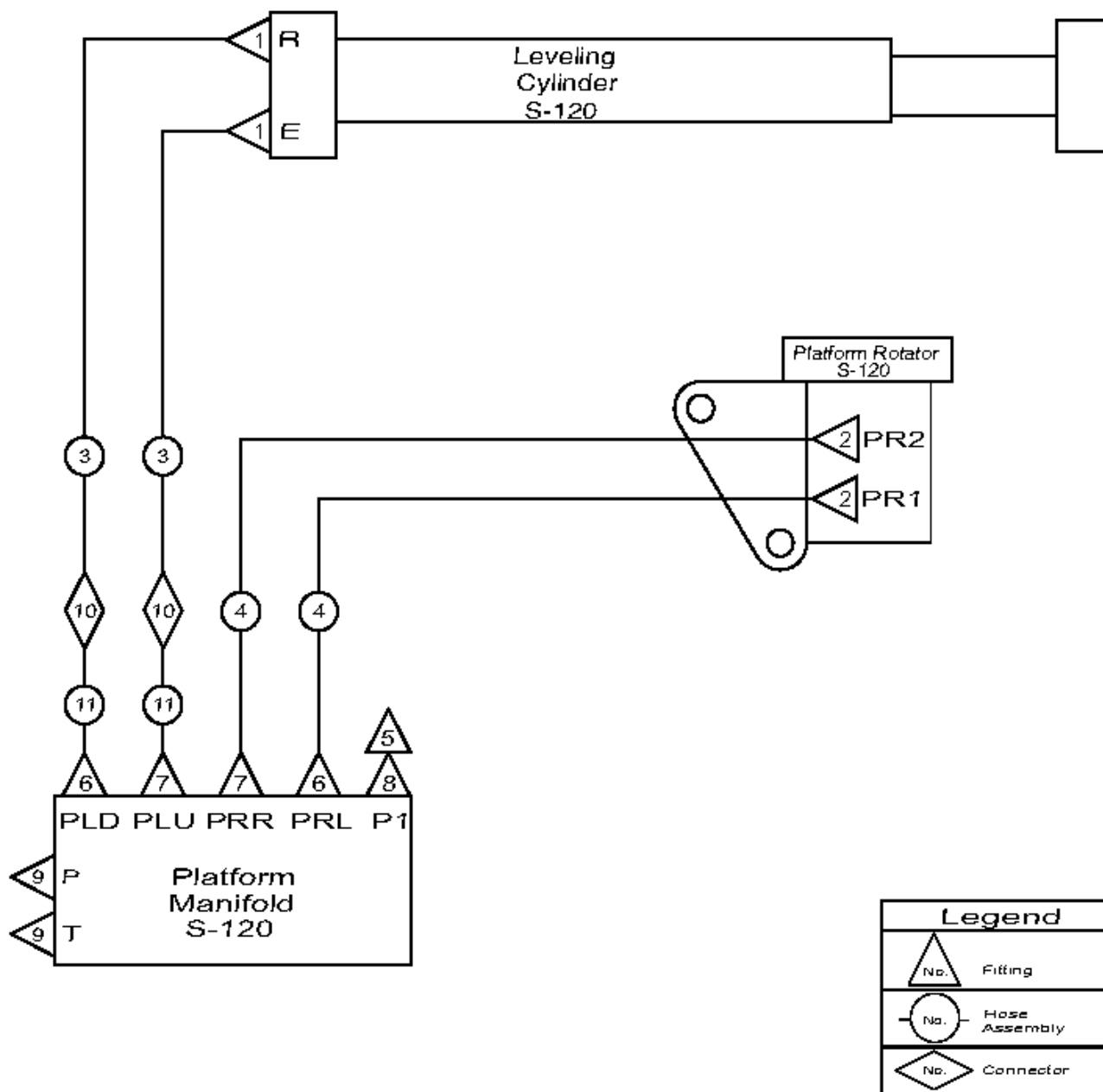
717.1 Hydraulic Hoses and Fittings - Platform Leveling and Rotation (to SN 314)



717.1 Hydraulic Hoses and Fittings - Platform Leveling and Rotation (to SN 314)

Item	Part No.	Description	Qty.
1	48912	CONN,520120-4-6***.....	2
2	48904	ELBOW,90D,520220-4-4.....	4
3	49117-3791	HOSE ASSY,1/4,90 FEM,STR FEM**.....	2
4	49119-5578-S	HOSE ASSY,1/4,STR FEM,STR FEM.....	2
5	48880	CAP,DIAGNOSTIC NIPPLE.....	1
6	61259	ELBOW,90D,LONG,521520-4.....	2
7	48997	NIPPLE,DIAGNOSTIC,#4 PORT***.....	1
--	20224	DIAGNOSTIC FEMALE Q-DSCNT	
--	75098	HARNESS,PRESSURE TRANSDUCER	
8	48915	ELBOW,90D,520220-6.....	2
9	61079	ELBOW,90D,BULKHEAD,520701-4.2	
10	49117-5591	HOSE ASSY,1/4,90 FEM,STR FEM**.....	2

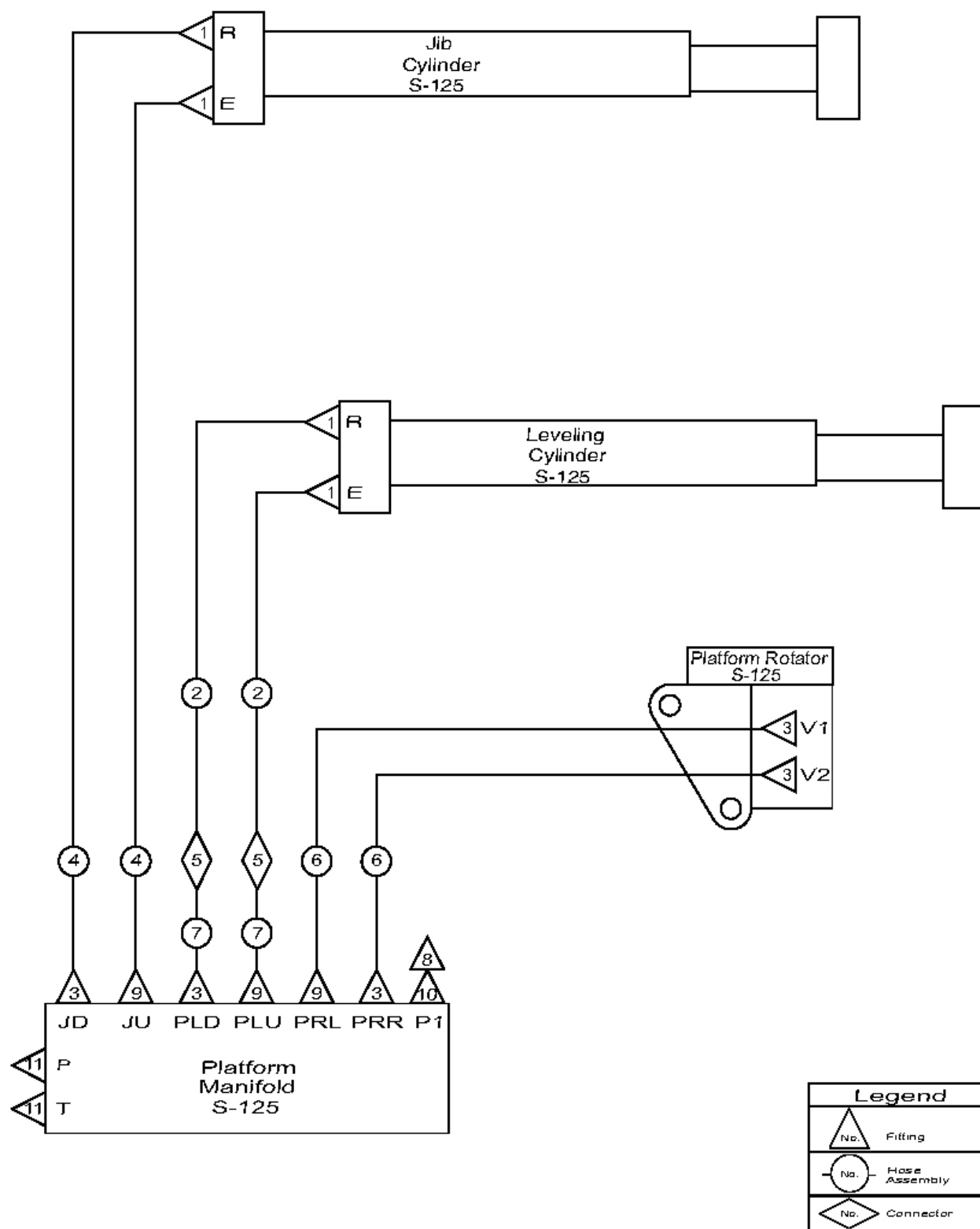
717.2 Hydraulic Hoses and Fittings - Platform Leveling and Rotation (from SN 315)



717.2 Hydraulic Hoses and Fittings - Platform Leveling and Rotation (from SN 315)

Item	Part No.	Description	Qty.
1	48912	CONN,520120-4-6***.....	2
2	48907	ELBOW,45D,520320-4.....	2
3	49117-3791	HOSE ASSY,1/4,90 FEM,STR FEM**..... <i>to SN 1521</i>	2
--	49117-3191	HOSE ASSY,1/4,90 FEM,STR FEM <i>from SN 1522</i>	
4	49119-3848	HOSE ASSY,1/4,STR FEM,STR FEM.....	2
5	48880	CAP,DIAGNOSTIC NIPPLE.....	1
6	48904	ELBOW,90D,520220-4-4.....	2
7	61259	ELBOW,90D,LONG,521520-4.....	2
8	48997	NIPPLE,DIAGNOSTIC,#4 PORT***.....	1
--	20224	DIAGNOSTIC FEMALE Q-DSCNT	
--	75098	HARNESS,PRESSURE TRANSDUCER	
9	48915	ELBOW,90D,520220-6.....	2
10	61079	ELBOW,90D,BULKHEAD,520701-4.2	
11	49117-5591	HOSE ASSY,1/4,90 FEM,STR FEM**.....	2

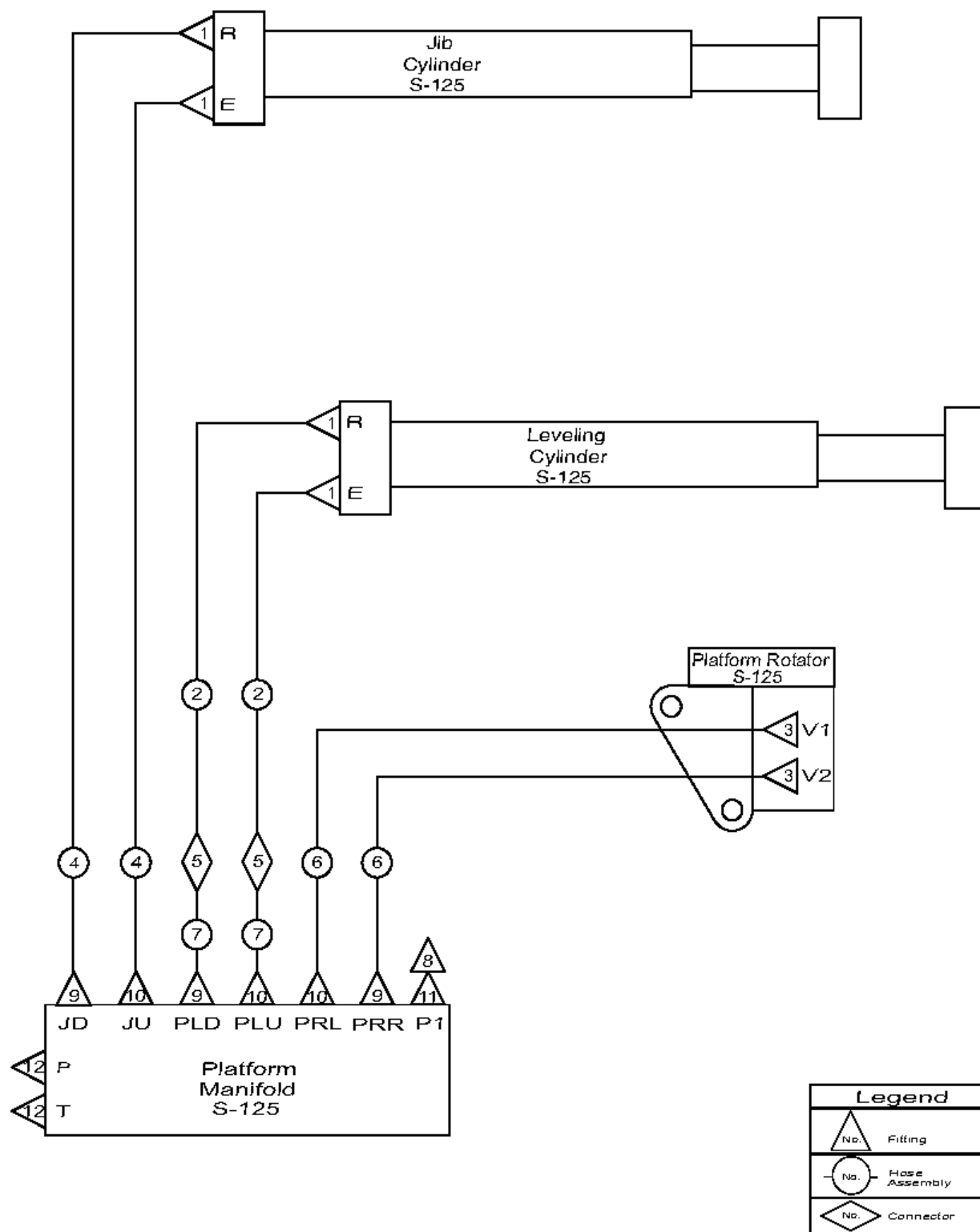
718.1 Hydraulic Hoses and Fittings - Platform Leveling and Rotation (to SN 314)



718.1 Hydraulic Hoses and Fittings - Platform Leveling and Rotation (to SN 314)

Item	Part No.	Description	Qty.
1	48912	CONN,520120-4-6***.....	4
2	49117-2091-S	HOSE ASSY,1/4,90 FEM,STR FEM.....	2
3	48904	ELBOW,90D,520220-4-4.....	5
4	49119-5678-S	HOSE ASSY,1/4,STR FEM,STR FEM.....	2
5	61079	ELBOW,90D,BULKHEAD,520701-4.2	
6	49119-3878	HOSE ASSY,1/4,STR FEM,STR FEM.....	2
7	49117-12791-S	HOSE ASSY,1/4" (#111/112,S125)...	2
8	48880	CAP,DIAGNOSTIC NIPPLE.....	1
9	61259	ELBOW,90D,LONG,521520-4.....	3
10	48997	NIPPLE,DIAGNOSTIC,#4 PORT***.....	1
--	20224	DIAGNOSTIC FEMALE Q-DSCNT	
--	75098	HARNESS,PRESSURE TRANSDUCER	
11	48915	ELBOW,90D,520220-6.....	2

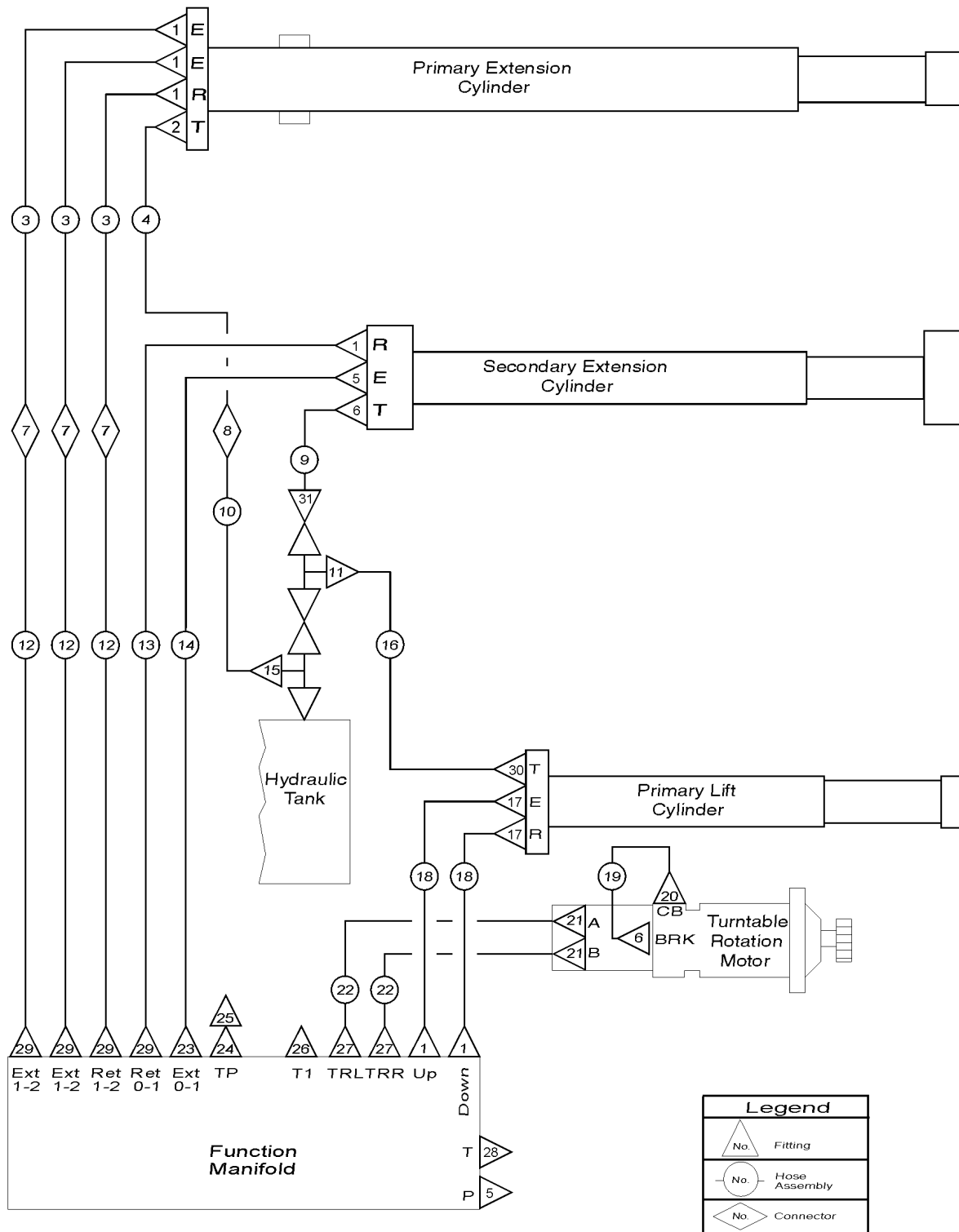
718.2 Hydraulic Hoses and Fittings - Platform Leveling and Rotation (from SN 315)



718.2 Hydraulic Hoses and Fittings - Platform Leveling and Rotation (from SN 315)

Item	Part No.	Description	Qty.
1	48912	CONN,520120-4-6***.....	4
2	49117-2091-S	HOSE ASSY,1/4,90 FEM,STR FEM.....	2
3	48907	ELBOW,45D,520320-4.....	5
4	49119-5648	HOSE ASSY,1/4,STR FEM,STR FEM.....	2
5	61079	ELBOW,90D,BULKHEAD,520701-4.2	
6	49119-3848	HOSE ASSY,1/4,STR FEM,STR FEM.....	2
7	49117-12791-S	HOSE ASSY,1/4" (#111/112,S125)...	2
8	48880	CAP,DIAGNOSTIC NIPPLE.....	1
9	48904	ELBOW,90D,520220-4-4.....	3
10	61259	ELBOW,90D,LONG,521520-4.....	3
11	48997	NIPPLE,DIAGNOSTIC,#4 PORT***.....	1
--	20224	DIAGNOSTIC FEMALE Q-DSCNT	
--	75098	HARNESS,PRESSURE TRANSDUCER	
12	48915	ELBOW,90D,520220-6.....	2

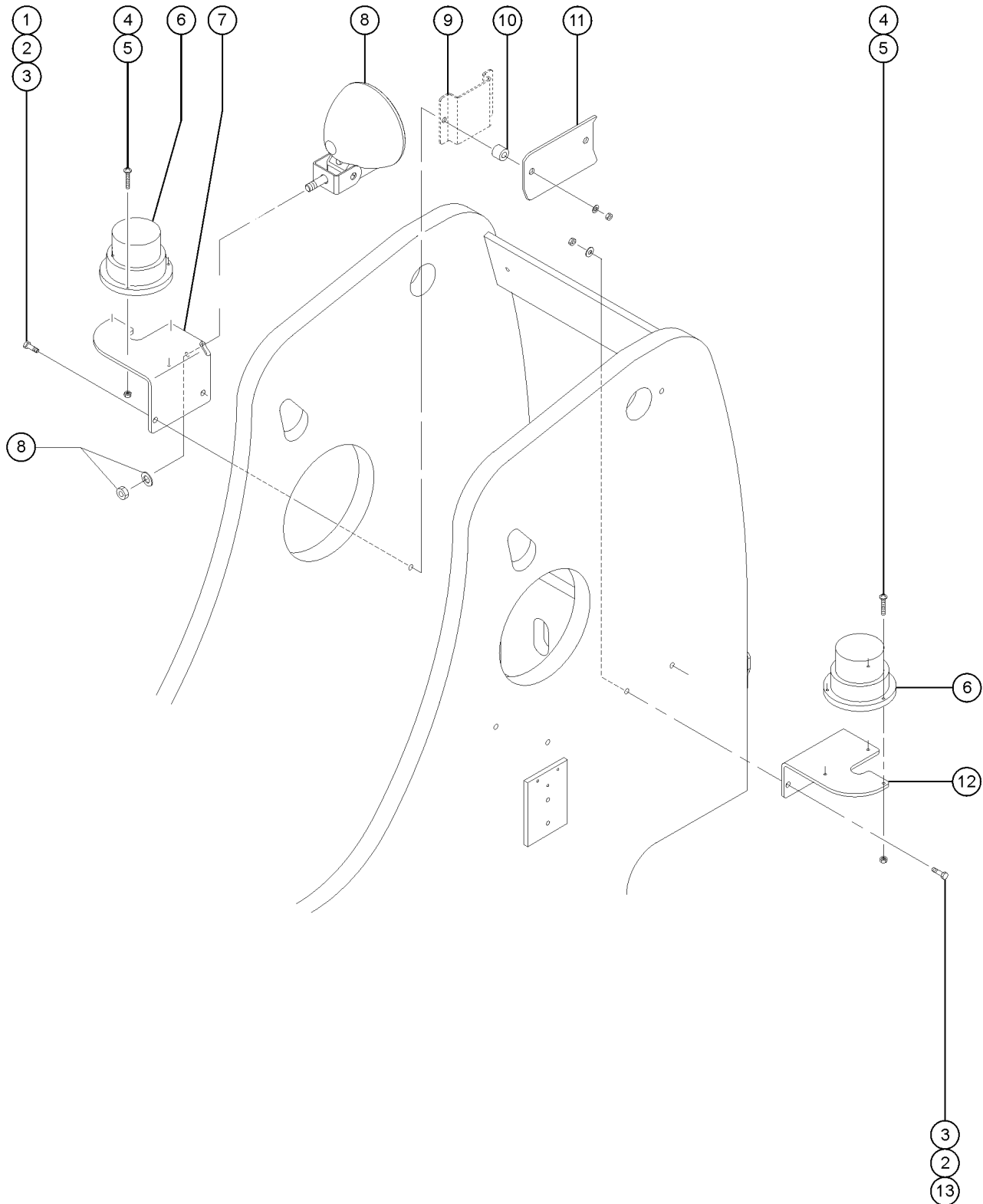
719.1 Hydraulic Hoses and Fittings - Boom Components



719.1 Hydraulic Hoses and Fittings - Boom Components

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	49612	O-RING KIT (ORFS FITTINGS)		--	49128-3109-S	HOSE ASSEMBLY, 3/8 from SN 431	
--	49613	PLUG AND CAP KIT-SERVICE, ORFS*		23	48963	FITTING, ELBOW, 45D, 520320-12***.1 to SN 721	
1	48933	CONN, 520120-8***.....	6	--	48960	FITTING, CONN, 520120-12 from SN 722	
2	48907	ELBOW, 45D, 520320-4.....	1	24	48997	NIPPLE, DIAGNOSTIC, #4 PORT***.....	1
3	49143-42290	HOSE ASSY, 1/2, 90 FEM, STR FEM.....	3	--	20224	DIAGNOSTIC FEMALE Q-DSCNT	
4	49116-42237-S	HOSE ASSY, 1/4, 45 FEM, STR FEM.....	1	--	75098	HARNESS, PRESSURE TRANSDUCER	
5	48960	FITTING, CONN, 520120-12.....	2	25	48880	CAP, DIAGNOSTIC NIPPLE.....	1
6	48905	CONN, 520120-4***.....	2	26	61260	REDUCER, 520123-20-12.....	1
7	48894	CONN, BULKHEAD, 520601-8.....	3	27	48916	FITTING, CONN, 520120-6.....	2
8	61269	UNION, BULKHEAD, ORFS, 520601,-4.1		28	48983	ELBOW, 90D, 520220-16.....	1
9	49120-23181-S	HOSE ASSEMBLY, 1/4"..... use only with lift cylinder part 50078, refer to 501.1 and 501.2; to SN 2634	1	29	48937	ELBOW, 45D, 520320-8.....	4
--	49118-23308	HOSE ASSEMBLY required with lift cylinder part 146324 or from SN 2635, refer to 501.1 and 501.2		--	48933	CONN, 520120-8*** from SN 722	
10	49120-48181-S	HOSE ASSEMBLY, 1/4".....	1	30	48907	ELBOW, 45D, 520320-4 use only with lift cylinder part 50078, refer to 501.1 and 501.2; to SN 2634	
11	48875	TEE, RUN, SWIVEL, 520432-6.....	1	31	48892	ELBOW, SWIVEL 90D, 520221-6.....	1
12	49183-48192-S	HOSE ASSY, 1/2, STR FEM, STR FEM.....	3				
--	49183-46592	HOSE ASSY, 1/2, STR FEM, STR FEM from SN 722					
13	49183-20752	HOSE ASSY, 1/2, STR FEM, STR FEM.....	1				
14	61074-20748-S	HOSE ASSEMBLY, 3/4".....	1				
15	48918	TEE, RUN, 520428-6.....	1				
--	59335	CAP, 520112-6 part of service kit 122522, or from SN 2635, refer to 501.1 and 501.2					
16	49118-9708-S	HOSE ASSEMBLY, 1/4" (#106)..... use only with lift cylinder part 50078, refer to 501.1 and 501.2; to SN 2634	1				
17	48937	ELBOW, 45D, 520320-8.....	2				
18	49183-10692-S	HOSE ASSY, 1/2, STR FEM, STR FEM.....	2				
19	49117-1391-S	HOSE ASSEMBLY-1/4" (#89).....	1				
20	48904	ELBOW, 90D, 520220-4-4.....	1				
21	48931	CONN, 520120-6-10.....	2				
22	49128-4009-S	HOSE ASSEMBLY 3/8 (#87,88)..... to SN 430	2				

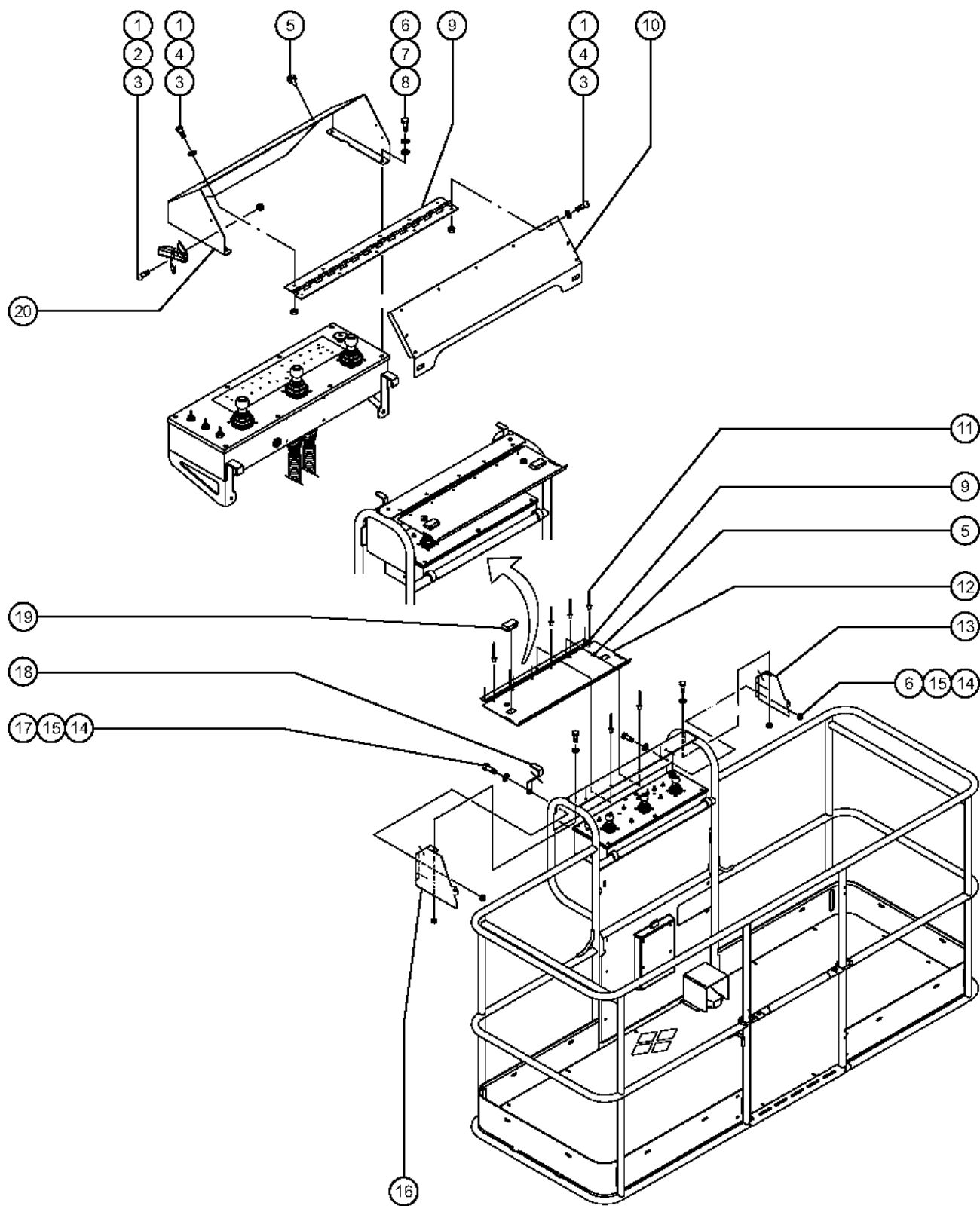
801.1 Alarm and Beacon Package, Driving Lights



801.1 Alarm and Beacon Package, Driving Lights

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	75641	HARNESS,FLASH BEACON SUB ASSY		--	60838	CLAMP,1.00,#16 X 7/16,RUB CUSH	
--	73121-S	OPTION,DRIVING LIGHTS,SB		--	75250-P	Bracket, Tank side	
--	122323	ALARM PKG,S100/120		13	14033	SCREW,HHC,3/8-16 X 2.75	
--	82422	DECAL,PATCH,DRIVING LIGHT					
--	60521	RELAY,SEALED 30/40 AMP					
--	60520	SOCKET,SEALED RELAY					
--	13097	FUSE,10 AMP					
--	23083-S	FUSE HOLDER,WATERPROOF					
1	6605	SCREW,HHC,3/8-16 X 3.5,GR5					
2	5397	WASHER,FLAT,USS,5/16",Y					
3	7713	NUT,LP NYLOCK,3/8-16					
4	49824	SCREW,PHILLIPS,FHM,10-32X1.00					
5	6178	NUT,NYLOCK,10-32					
6	56704	STROBE,FIREBOLT,12-80VDC,AMB** <i>(replaced 20189)</i>					
--	122019	FLASHTUBE,U SHAPED,360DEG,BULB					
--	226393	FLASHTUBE,STRAIGHT,360DEG,BULB					
--	72282	LENS,AMBER,STROBE,FIREBOLT					
7	60819P	BRACKET,STROBE.....1					
--	60838	CLAMP,1.00,#16 X 7/16,RUB CUSH					
--	75249-P	BRACKET,BEACON,DRIVE LIGHTS,RH <i>shown</i>					
8	35958	HOUSING,WORKLIGHT***.....2					
8A	35960	BULB,WORKLIGHT,12V 35W					
8B	8255	SCREW,HHC,3/8-16 X .75					
8C	6097	WASHER,FLAT,USS,3/8",Y					
8D	7713	NUT,LP NYLOCK,3/8-16					
9		Part is no longer available.....1 <i>order item 11 upgrade kit 122633 for first time replacement; to SN 2672</i>					
10	122951	TUBE,RD,ALUMINUM,1.00X.50X.820 <i>from SN 2673</i>					
11	122949	FORMING,CLAMP,SIDE PLATE HOSE <i>from SN 2673</i>					
--	122633	UPGRADE KIT,HOSE CLAMP,SB <i>contains 1 clamp item 122949, 2 each of item 122951 and fasteners; to SN 2672</i>					
12	60819P	BRACKET,STROBE.....1 <i>shown</i>					

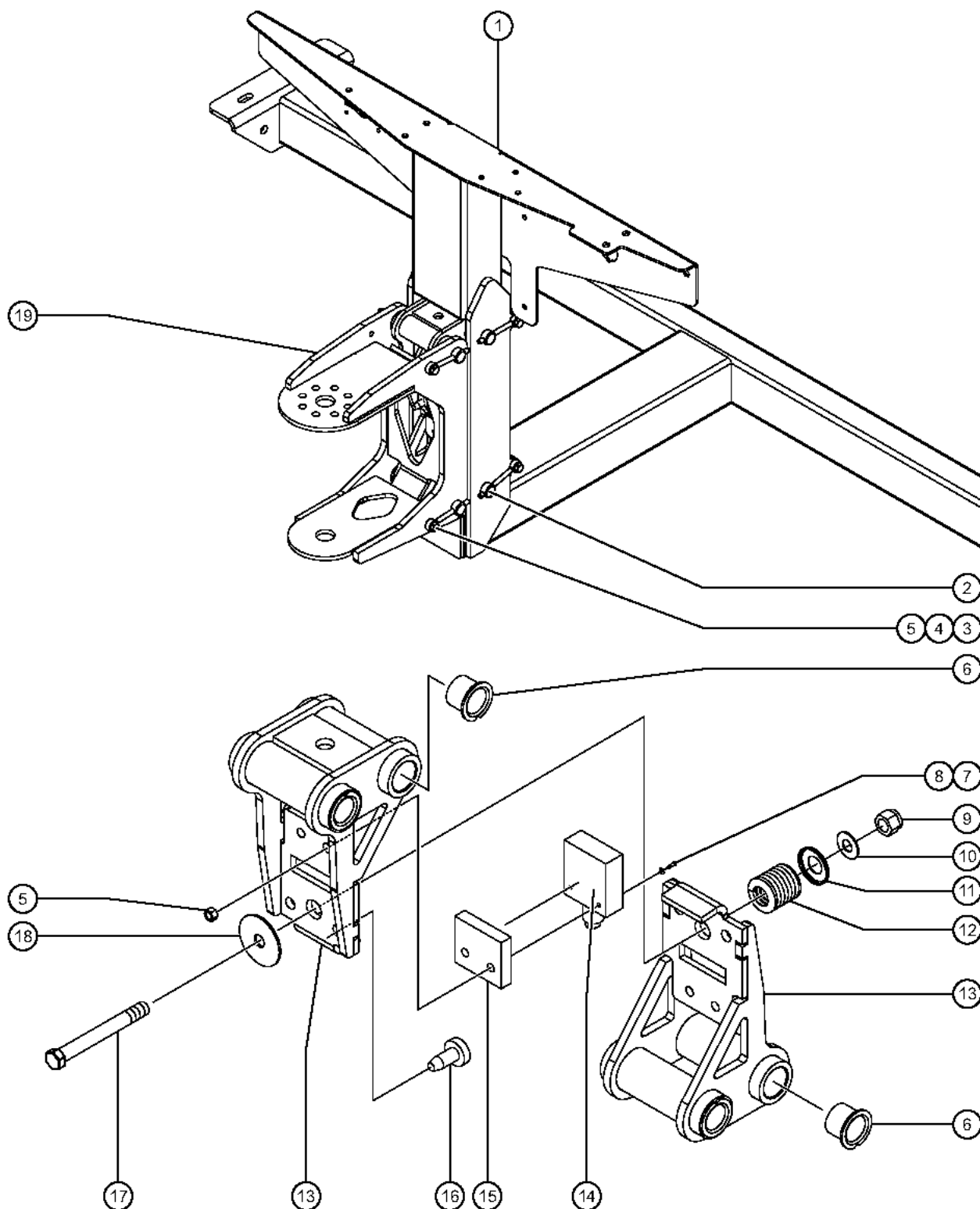
802.1 Platform Controls Cover



802.1 Platform Controls Cover

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	119795	KIT,CONTROL BOX COVER to SN 791		18	102786P	FORMING,LATCH,CTRL BOX LID PTD.....	2
--	88609-S	CONTROL BOX COVER ASSY*** from SN 792 to SN 798		19	30468	LATCH,SLIDE, FLUSH MOUNT STYLE.....	2
--	102854	OPTION,PLATFORM CONTROL COVER from SN 799		20	60467-S	PLAT.CONTROL BOX GUARD,FORMING.....	1
1	55906	SCREW,PHILLIPS,PHM,8-32 X .5 to SN 791				to SN 791	
--	49819	SCREW,PHILLIPS,PHM,10-32 X .5 from SN 792					
2	61625	LATCH,DRAW.....	2				
3	18605	NUT,NYLOCK,8-32 to SN 791					
--	6178	NUT,NYLOCK,10-32 from SN 792					
4	6146	WASHER,FLAT,MS,#10,Y					
5	43392	BUMPER,BATTERY BOX & RAILS.....	2				
6	7339	SCREW,HHC,1/4-20 X .5					
7	6356	WASHER,LOCK,.25					
8	75144	WASHER,FLAT,SAE 1/4",ZINC					
9	111526	HINGE,PLAT CONTROL BOX COVER.....	1				
10	60468-S	FORMING,PLAT.CONTROL BOX COVER..... to SN 791	1				
11	54486	RIVET,ALUM,ALUM,3/16BUTTONHEAD.	11				
12	89915P	COVER,CONTROL BOX LID..... from SN 792 to SN 798	1				
--	102676	LID ASSY,CONTROL BOX COVER PLT includes items 5, 11, 12, 14, 15, and 17-19; from SN 799					
--	102785P	CONTROL BOX COVER,LID,PTD from SN 799					
13	88606P	COVER,CONTROL BOX RIGHT SIDE** from SN 792	1				
14	6889	NUT,LP NYLOCK,1/4-20					
15	6638	WASHER,FLAT,USS,1/4"Y					
16	88607P	COVER,CONTROL BOX LEFT SIDE*** from SN 792	1				
17	6888	SCREW,HHC,1/4-20 X 1					

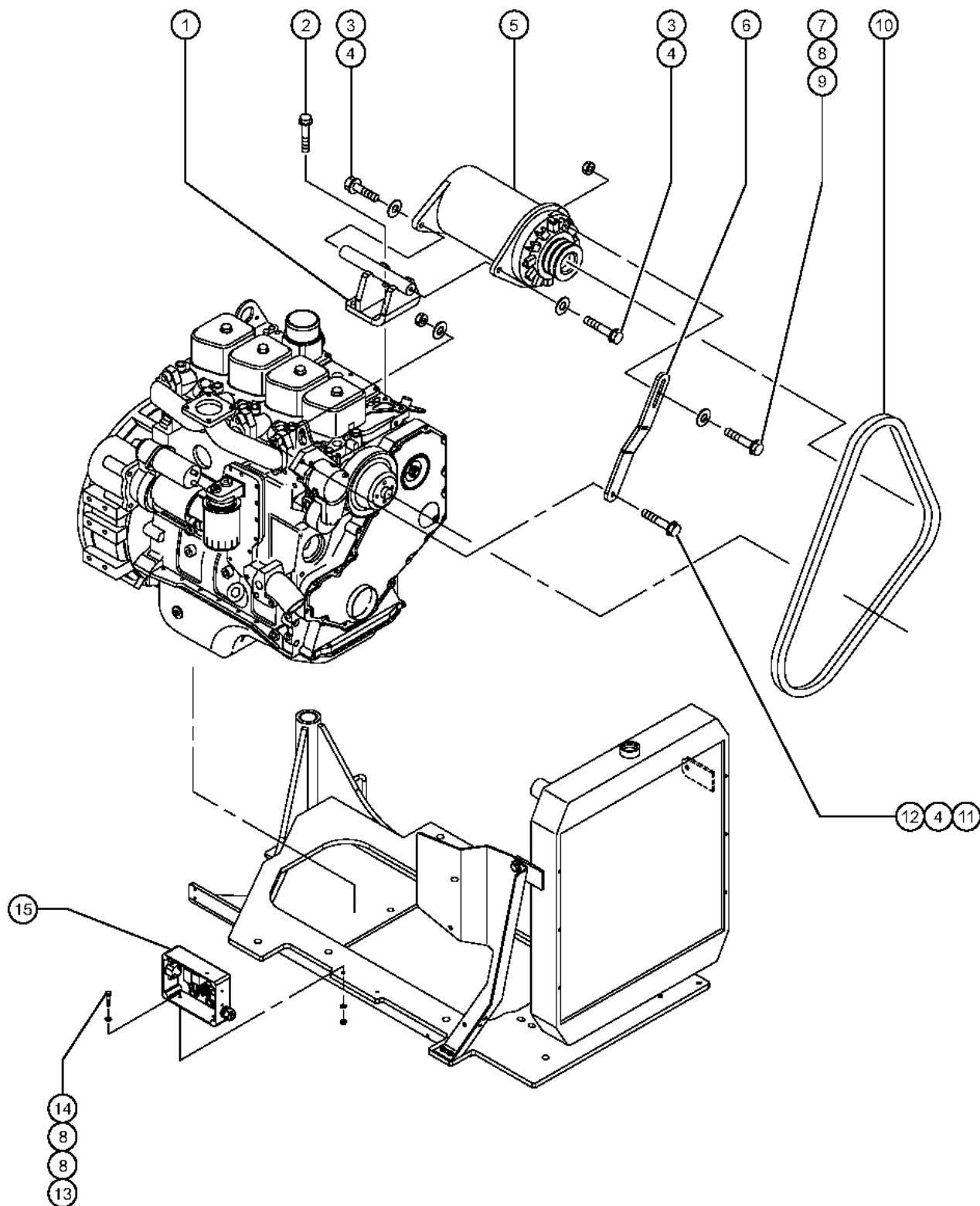
803.1 Platform Overload - European Models



803.1 Platform Overload - European Models

Item	Part No.	Description	Qty.
--	102049	KIT,LOADSENSE,UPGRD,S100/S120 to SN 801	
--	102050	KIT,LOADSENSE,UPGRD,S105/S125 to SN 801	
1	61997	WELDMENT,PLATFORM SUPPORT,CE.....1 CE models	1
2	61726	PIN,0.75DIAX5.75LG,CHAMFER.....4	4
--	94643	ZERK,GREASE,5/16-24,STRAIT	
3	6888	SCREW,HHC,1/4-20 X 1	
4	45748	ROD END,.250 X 2.75 LG.....4	4
5	6091	NUT,NYLOCK,1/4-20	
6	25685	BEARING,GARLOCK,12FDU12.....4	4
7	49817	SCREW,PHILLIPS,PHM,10-32 X1.25 (S-125)	
7	51063	SCREW,PHILLIPS,RHM,10-32 X 1.5.....2 (S-120)	2
8	6146	WASHER,FLAT,MS,#10,Y	
9	4828	NUT,NYLOCK,3/8-16	
10	6097	WASHER,FLAT,USS,3/8",Y	
11	61975	RETAINER,SPRING,1.21 X .375.....1 (S-125)	1
11	61977	RETAINER,SPRING,1.46 X .375 (S-120)	
12	61974	SPRING,COMP,1" OD,232 LB/IN.....1 (S-125)	1
12	61976	SPRING,COMP,1-1/4"OD 352 LB/IN (S-120)	
13	89755	LOAD SUPPORT W/BEARINGS.....2 includes item 6	2
--	110789	WASHER,SHIM .0151 THK.	
14	94444	HARNESS,SWITCH,LIMIT PLUNGER.....1 to SN 2709	1
--	146399	ASSY, LS, LOAD SENSE, ALC1000 from SN 2710	
15	61972	MOUNT,SWITCH.....1	1
16	34619	BUMPER,RUBBER***.....2	2
17	21604	SCREW,HHC,3/8-16 X 3.25	
18	80605	WASHER,FLAT,3/8X1.5X.06	
19	101845	ROTATOR MOUNT KIT.....1 includes item 6	1
--	110789	WASHER,SHIM .0151 THK.	

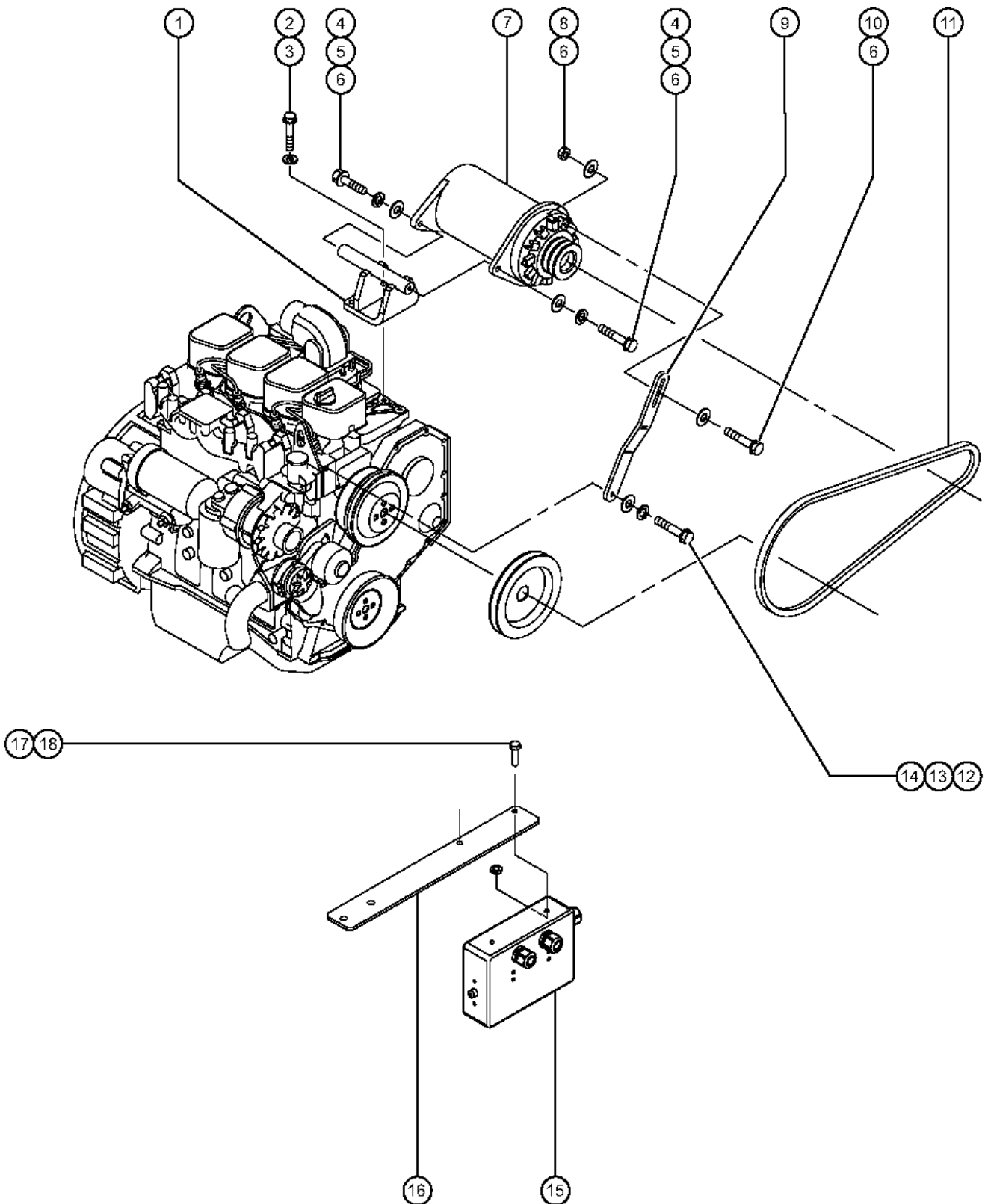
804.1 Belt Driven Generator Option - Cummins Engine (to SN 935)



804.1 Belt Driven Generator Option - Cummins Engine (to SN 935)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	61012-S	GENERATOR,3500W W/REG-CUMMINS		--	60521	RELAY,SEALED 30/40 AMP	
--	60738	VOLTAGE REGULATOR,110V		--	60887	CIRCUIT BREAKER, 30 AMP	
--	61010-S	GENERATOR,3000W 220/50-CUMMIN		--	61194	BOX,ELECT.GENERATOR W/REG 220V	
--	60739	VOLTAGE REGULATOR,220V		--	61195	CIRCUIT BREAKER, 12.5 AMP	
1	60717-S	WELDMNT,GENERATOR MNT-CUMMINS.....	1	--	61211	CIRCUIT BREAKER,15 AMP	
2	27034	SCREW,HHC,M10 X 25MM,GR 8.8					
3	6175	SCREW,HHC,3/8-16 X 1 to SN 798					
--	88296	SCREW,HHC,7/16-14 X 1.25 from SN 799					
4	5397	WASHER,FLAT,USS,5/16",Y to SN 798					
--	20912	WASHER,LOCK, .437,PLTD. from SN 799					
5	60707	GENERATOR,3500W,120V,60HZ**..1					
--	102681	PULLY, GNRTR,220V,50HZ(89908) for 89908 generator					
--	146062	PULLY,GNRTR,120V,60HZ(60707) for 60707 generator					
--	75425	BRUSH(4REQ)(60707/60737)					
--	75426	BRUSH HOLDER(4REQ)(60707/60737)					
--	75427	BEARING (2 REQ)(60707/60737)					
--	75428	END PLATE,GEN.HOUSING,FAN END					
--	75429	END PLATE,GEN.HOUSG,BRUSH END					
--	89908	GENERATOR,3000W,220V,50HZ***					
6	60718-S	GENERATOR MOUNT-CUMMINS.....	1				
7	14723	SCREW,HHC,5/16-18 X 1.75					
8	6638	WASHER,FLAT,USS,1/4"Y					
9	6782	NUT,NYLOCK,5/16-18					
10	75053	BELT,AX38***.....	1				
11	8516	SCREW,HHC,3/8-16 X 1.50,GR5					
12	4828	NUT,NYLOCK,3/8-16					
13	8915	SCREW,HHC,1/4-20 X 1.25					
14	6091	NUT,NYLOCK,1/4-20					
15	61198	BOX,ELECT.GENERATOR W/REG 120V.....	1				

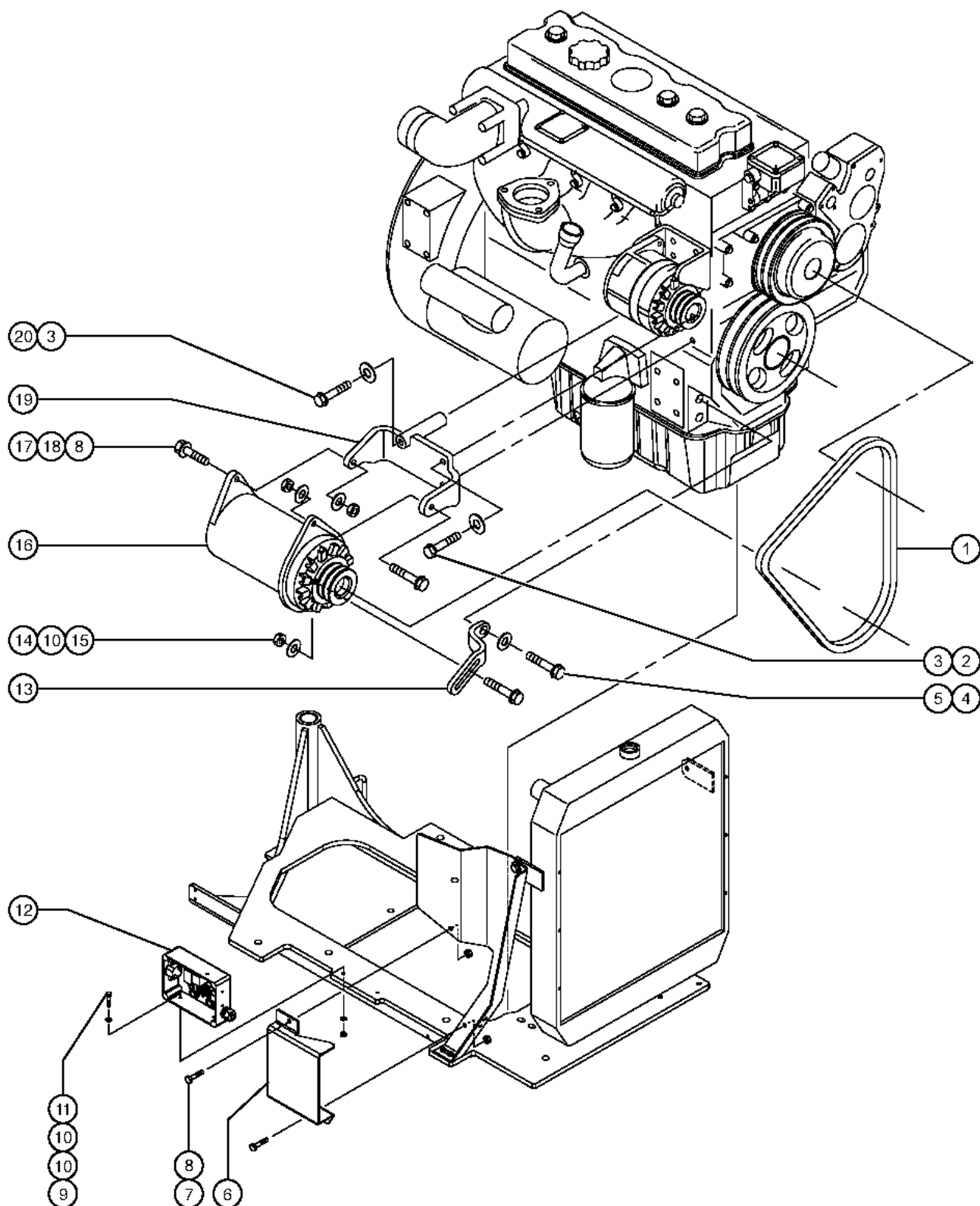
804.2 Belt Driven Generator Option - Cummins Engine (from SN 936 to 2960)



804.2 Belt Driven Generator Option - Cummins Engine (from SN 936 to 2960)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	102393	OPT,GEN BD 3500W 110/60 CUMNS		16	89493P	PLATE,GENERATR.CNTRL.BOX MOUNT.....	1
--	60738	VOLTAGE REGULATOR,110V		17	6888	SCREW,HHC,1/4-20 X 1	
--	102392	OPT,GEN BD 3000W 220/50 CUMNS		18	6091	NUT,NYLOCK,1/4-20	
--	60739	VOLTAGE REGULATOR,220V					
1	60717-S	WELDMNT,GENERATOR MNT-CUMMINS.....	1				
2	44064	SCREW,HHC,M10 X 30MM,					
3	22699	WASHER,FLAT,M10,ZINC PLTD.					
4	88296	SCREW,HHC,7/16-14 X 1.25					
5	20912	WASHER,LOCK,.437,PLTD.					
6	57201	WASHER,FLAT, 313, HARDENED.....	2				
7	60707	GENERATOR,3500W,120V,60HZ**..	1				
--	102681	PULLY, GNRTR,220V,50HZ(89908) <i>for 89908 generator</i>					
--	146062	PULLY,GNRTR,120V,60HZ(60707) <i>for 60707 generator</i>					
--	75425	BRUSH(4REQ)(60707/60737)					
--	75426	BRUSH HOLDER(4REQ)(60707/60737)					
--	75427	BEARING (2 REQ)(60707/60737)					
--	75428	END PLATE,GEN.HOUSING,FAN END					
--	75429	END PLATE,GEN.HOUSG,BRUSH END					
--	89908	GENERATOR,3000W,220V,50HZ***					
8	6782	NUT,NYLOCK,5/16-18					
9	102391P	BELT TENSIONER,CUMMINS PAINT.....	1				
10	14723	SCREW,HHC,5/16-18 X 1.75					
11	60725	BELT,AX37.....	1				
12	49379	SCREW,HHC,M8 X 1.25 X 25					
13	49408	WASHER,LOCK,M8					
14	33277	WASHER,FLAT,M8,YELLOW ZINC					
15	61198	BOX,ELECT.GENERATOR W/REG 120V.....	1				
--	60521	RELAY,SEALED 30/40 AMP					
--	60887	CIRCUIT BREAKER, 30 AMP					
--	61194	BOX,ELECT.GENERATOR W/REG 220V					
--	61195	CIRCUIT BREAKER, 12.5 AMP					
--	61211	CIRCUIT BREAKER,15 AMP					

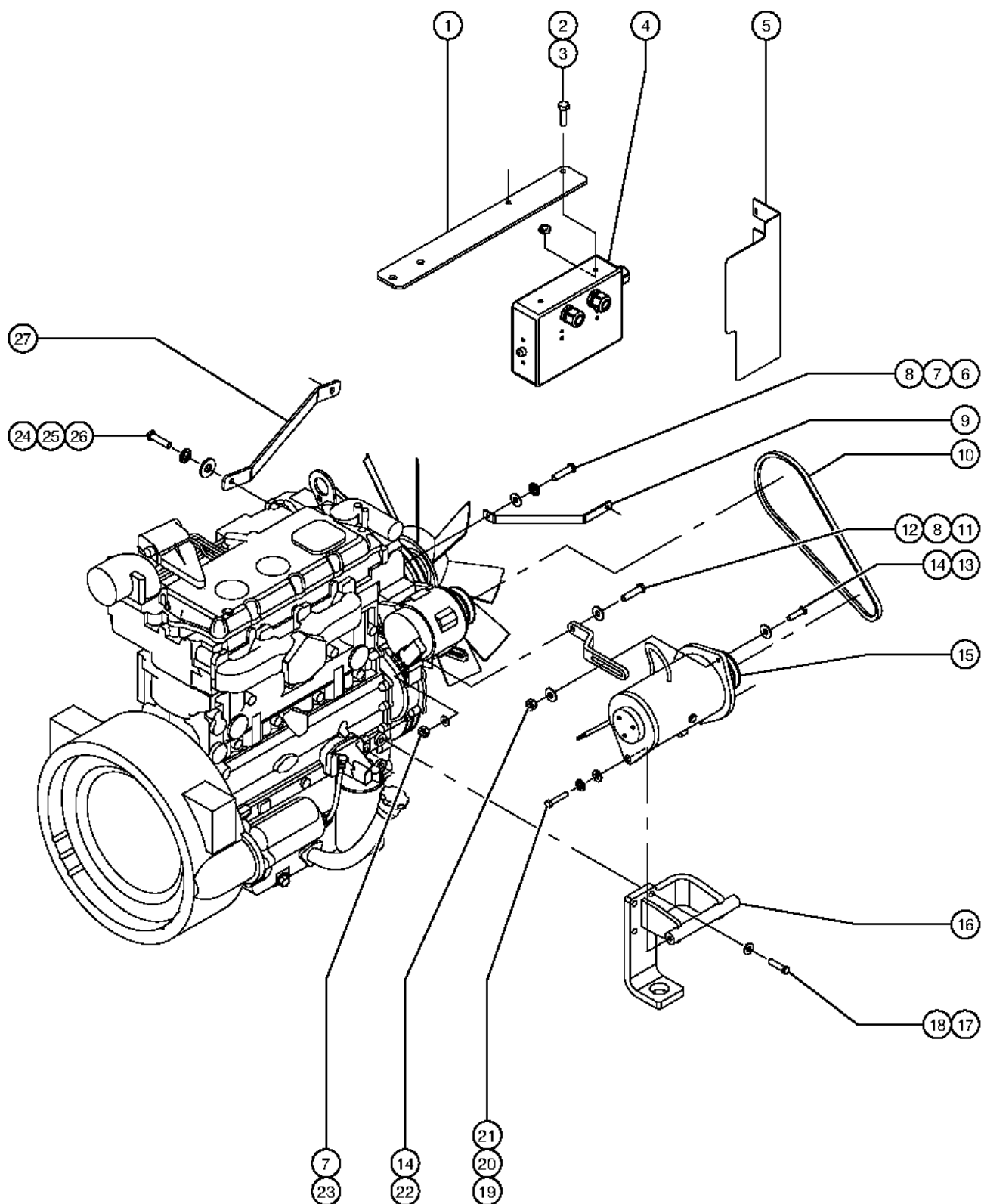
805.1 Belt Driven Generator Option - Perkins Engine (to SN 932)



805.1 Belt Driven Generator Option - Perkins Engine (to SN 932)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	60738	VOLTAGE REGULATOR,110V		17	13918	SCREW,HHC,3/8-16 X 1.75,GRD.8.....	2
--	60739	VOLTAGE REGULATOR,220V		18	5397	WASHER,FLAT,USS,5/16",Y	
1	75053	BELT,AX38***	1	19	60644-S	WELDMENT,GENERATOR MOUNT	1
2	44064	SCREW,HHC,M10 X 30MM,		20	55043	SCREW,HHC,M10 X1.5 X 120,GR8.8	
3	22699	WASHER,FLAT,M10,ZINC PLTD.					
4	59969	SCREW,HHC,M16 X 30					
5	75015	WASHER,FLAT M16					
6	60851	COVER,GENERATOR-PERKINS.....1 to SN 403					
--	75275	COVER,GENERATOR-PERKINS from SN 404					
7	6175	SCREW,HHC,3/8-16 X 1					
8	4828	NUT,NYLOCK,3/8-16					
9	8915	SCREW,HHC,1/4-20 X 1.25					
10	6638	WASHER,FLAT,USS,1/4"Y					
11	6091	NUT,NYLOCK,1/4-20					
12	61198	BOX,ELECT.GENERATOR W/REG 120V.....	1				
--	60521	RELAY,SEALED 30/40 AMP					
--	60887	CIRCUIT BREAKER, 30 AMP					
--	61194	BOX,ELECT.GENERATOR W/REG 220V					
--	61195	CIRCUIT BREAKER, 12.5 AMP					
--	61211	CIRCUIT BREAKER,15 AMP					
13	60662-S	BRACKET,GENERATOR.....	1				
14	6782	NUT,NYLOCK,5/16-18					
15	13000	SCREW,HHC,5/16-18 X 1.25					
16	60707	GENERATOR,3500W,120V,60HZ**..	1				
--	102681	PULLY, GNRTR,220V,50HZ(89908) for 89908 generator					
--	146062	PULLY,GNRTR,120V,60HZ(60707) for 60707 generator					
--	75425	BRUSH(4REQ)(60707/60737)					
--	75426	BRUSH HOLDER(4REQ)(60707/60737)					
--	75427	BEARING (2 REQ)(60707/60737)					
--	75428	END PLATE,GEN.HOUSING,FAN END					
--	75429	END PLATE,GEN.HOUSG,BRUSH END					
--	89908	GENERATOR,3000W,220V,50HZ***					

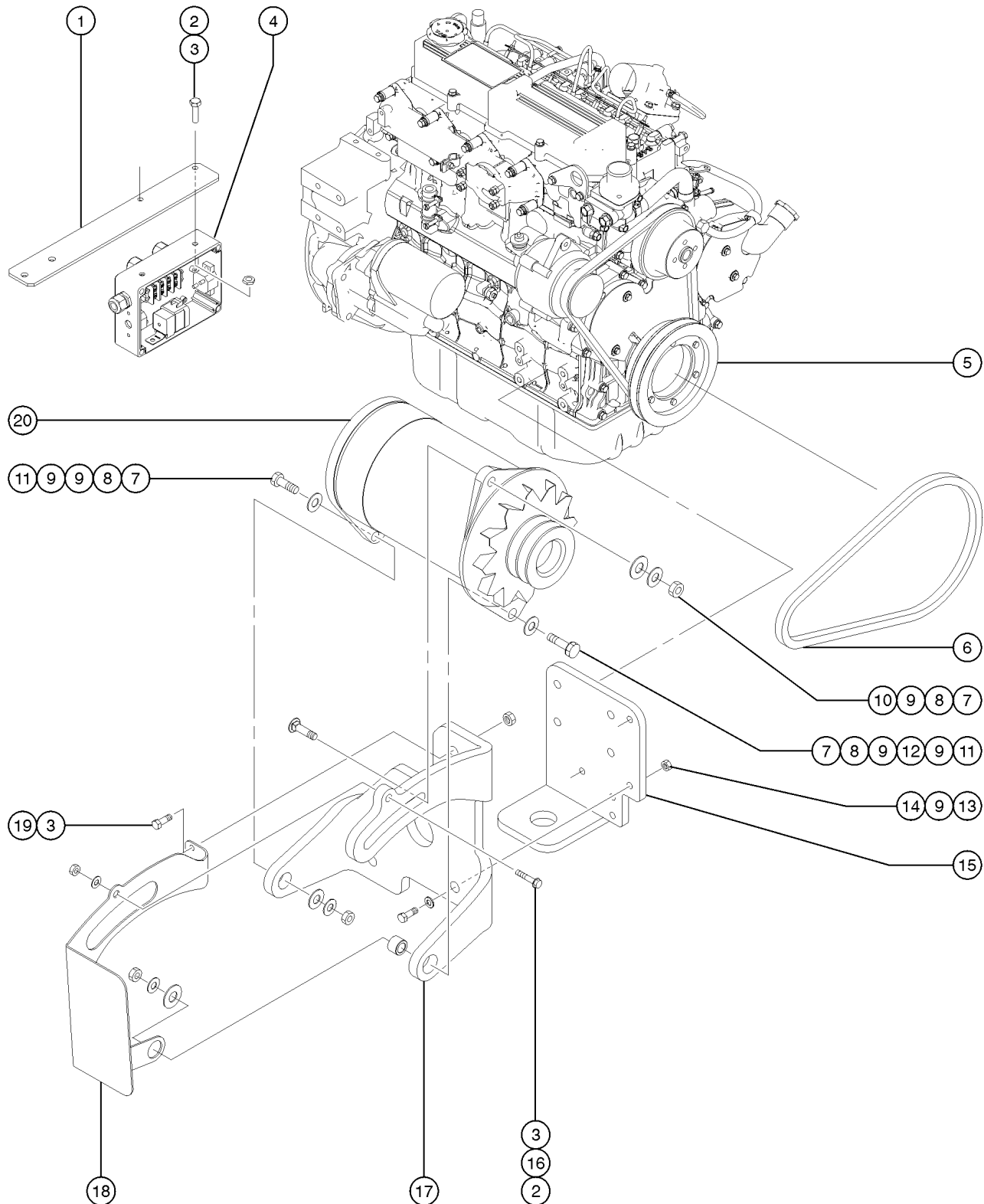
805.2 Belt Driven Generator Option - Perkins Engine (from SN 933 to 2569)



805.2 Belt Driven Generator Option - Perkins Engine (from SN 933 to 2569)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	106572	OPT,GEN BD 3500W 110/60 PERKIN		16	101653	WELDMNT,GENERATOR MOUNT.....	1
--	60738	VOLTAGE REGULATOR,110V		17	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5	
--	106008	OPT,GEN BD 3000W 220/50 PERKIN		18	5397	WASHER,FLAT,USS,5/16",Y	
--	60739	VOLTAGE REGULATOR,220V		19	81852	SCREW,HHC,7/16-14 X 1.75	
1	89493P	PLATE,GENERATR.CNTRL.BOX MOUNT.....	1	20	20912	WASHER,LOCK,.437,PLTD.	
2	6888	SCREW,HHC,1/4-20 X 1		21	11209	WASHER,FLAT,USS,7/16",Y	
3	6091	NUT,NYLOCK,1/4-20		22	6782	NUT,NYLOCK,5/16-18	
4	102236	ELECT.BOX,GENERATOR W/REG.220V.....	1	23	59680	NUT,HEX M10-1.5	
--	102235	ELECT.BOX,GENERATOR W/REG.120V		24	23057	SCREW,HHC,M8 X 20MM	
--	60521	RELAY,SEALED 30/40 AMP		25	49408	WASHER,LOCK,M8	
--	60887	CIRCUIT BREAKER, 30 AMP		26	33277	WASHER,FLAT,M8,YELLOW ZINC	
--	61195	CIRCUIT BREAKER, 12.5 AMP		27	101655P	BRACKET,RADIATOR SUPP,LH PAINT.....	1
--	61211	CIRCUIT BREAKER,15 AMP					
5	70540	FAN GUARD,PERKINS.....	1				
6	49393	SCREW,HHC,M10X20,GR5,YEL ZINC					
7	22700	WASHER,LOCK,M10					
8	22699	WASHER,FLAT,M10,ZINC PLTD.					
9	101656P	BRACKET,RAD SUPPORT,RH PAINTED.....	1				
10	70545	BELT,AX42.....	1				
11	85053	SCREW,HHC,M10 X 1.5 X70,GR 8.8					
12	101654P	BRACKET,GENERATOR ADJUSTER PNT.....	1				
13	13000	SCREW,HHC,5/16-18 X 1.25					
14	6638	WASHER,FLAT,USS,1/4"Y					
15	60707	GENERATOR,3500W,120V,60HZ**..	1				
--	102681	PULLY,GNRTR,220V,50HZ(89908) <i>for 89908 generator</i>					
--	146062	PULLY,GNRTR,120V,60HZ(60707) <i>for 60707 generator</i>					
--	75425	BRUSH(4REQ)(60707/60737)					
--	75426	BRUSH HOLDER(4REQ)(60707/60737)					
--	75427	BEARING (2 REQ)(60707/60737)					
--	75428	END PLATE,GEN.HOUSING,FAN END					
--	75429	END PLATE,GEN.HOUSG,BRUSH END					
--	89908	GENERATOR,3000W,220V,50HZ***					

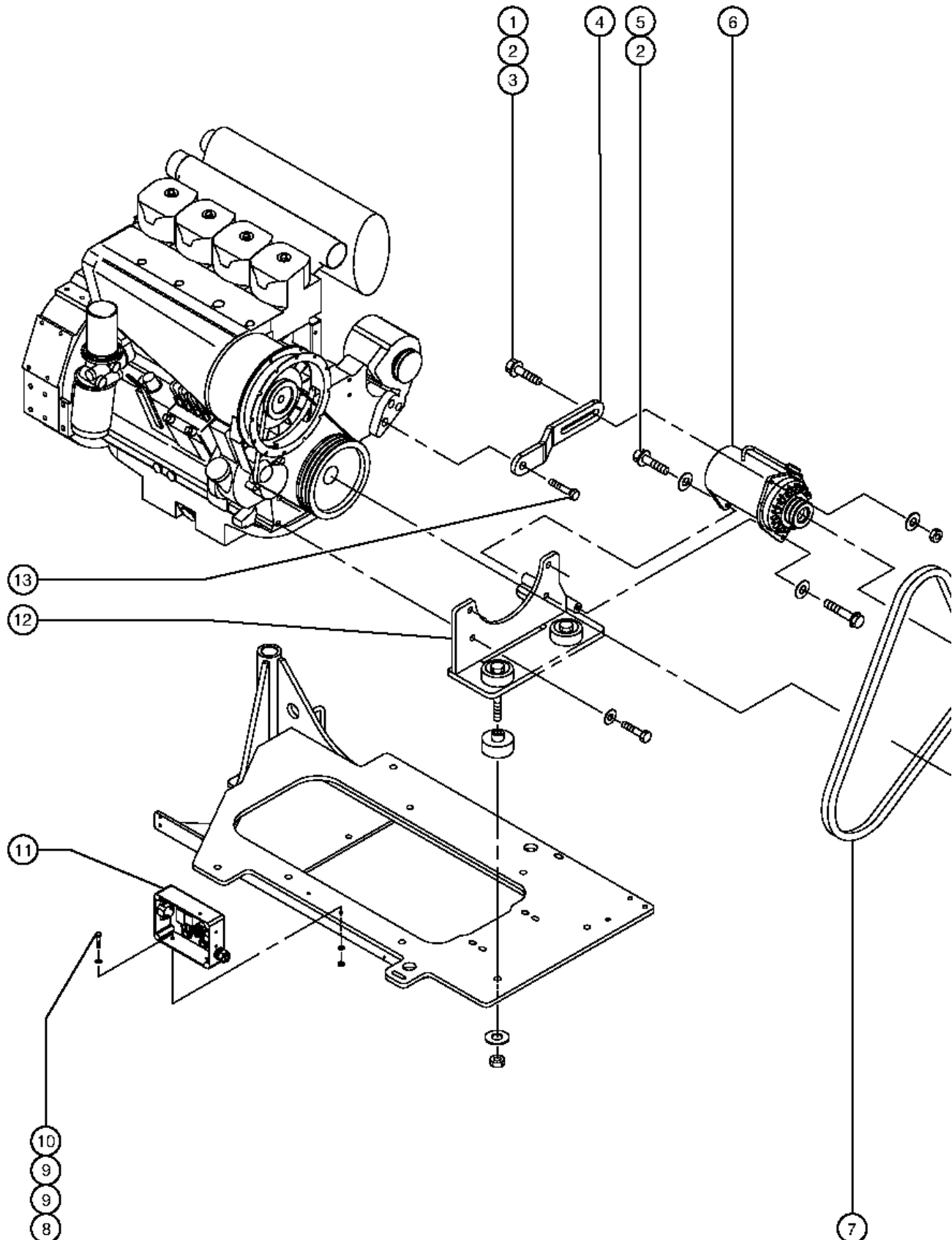
805.3 Belt Driven Generator Option - Perkins Engine (from SN 2570 to 2960)



805.3 Belt Driven Generator Option - Perkins Engine (from SN 2570 to 2960)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	122943	OPT,GEN BD 3000W 220/50		--	75428	END PLATE,GEN.HOUSING,FAN END	
--	122942	OPT, GEN BD 3500W 110/60		--	75429	END PLATE,GEN.HOUSG,BRUSH END	
--	60738	VOLTAGE REGULATOR,110V		--	89908	GENERATOR,3000W,220V,50HZ***	
--	60739	VOLTAGE REGULATOR,220V					
1	89493P	PLATE,GENERATR.CNTRL.BOX MOUNT.....	1				
2	6888	SCREW,HHC,1/4-20 X 1					
3	6091	NUT,NYLOCK,1/4-20					
4	102236	ELECT.BOX,GENERATOR W/REG.220V.....	1				
--	102235	ELECT.BOX,GENERATOR W/REG.120V					
--	60521	RELAY,SEALED 30/40 AMP					
--	60887	CIRCUIT BREAKER, 30 AMP					
--	61195	CIRCUIT BREAKER, 12.5 AMP					
--	61211	CIRCUIT BREAKER,15 AMP					
5	102346	PULLEY KIT,PERKINS 804 (includes mounting bolts)					
6	70397	BELT,AX34***	1				
7	6083	NUT,HEX,7/16-14					
8	20912	WASHER,LOCK,.437,PLTD.					
9	6097	WASHER,FLAT,USS,3/8",Y					
10	60790	BOLT,CARRIAGE,3/8-16 X1.50,G5					
11	81852	SCREW,HHC,7/16-14 X 1.75					
12	45400	SPACER TUBE,.50 LG					
13	4828	NUT,NYLOCK,3/8-16					
14	8516	SCREW,HHC,3/8-16 X 1.50,GR5					
15		ENGINE MOUNT, refer to 413.2					
16	6638	WASHER,FLAT,USS,1/4"Y					
17	128251	FORMING,GENERATOR MOUNT					
18	128952	FORMING,BELT GUARD					
19	8915	SCREW,HHC,1/4-20 X 1.25					
20	60707	GENERATOR,3500W,120V,60HZ**..1					
--	102681	PULLY, GNRTR,220V,50HZ(89908) for 89908 generator					
--	146062	PULLY,GNRTR,120V,60HZ(60707) for 60707 generator					
--	75425	BRUSH(4REQ)(60707/60737)					
--	75426	BRUSH HOLDER(4REQ)(60707/60737)					
--	75427	BEARING (2 REQ)(60707/60737)					

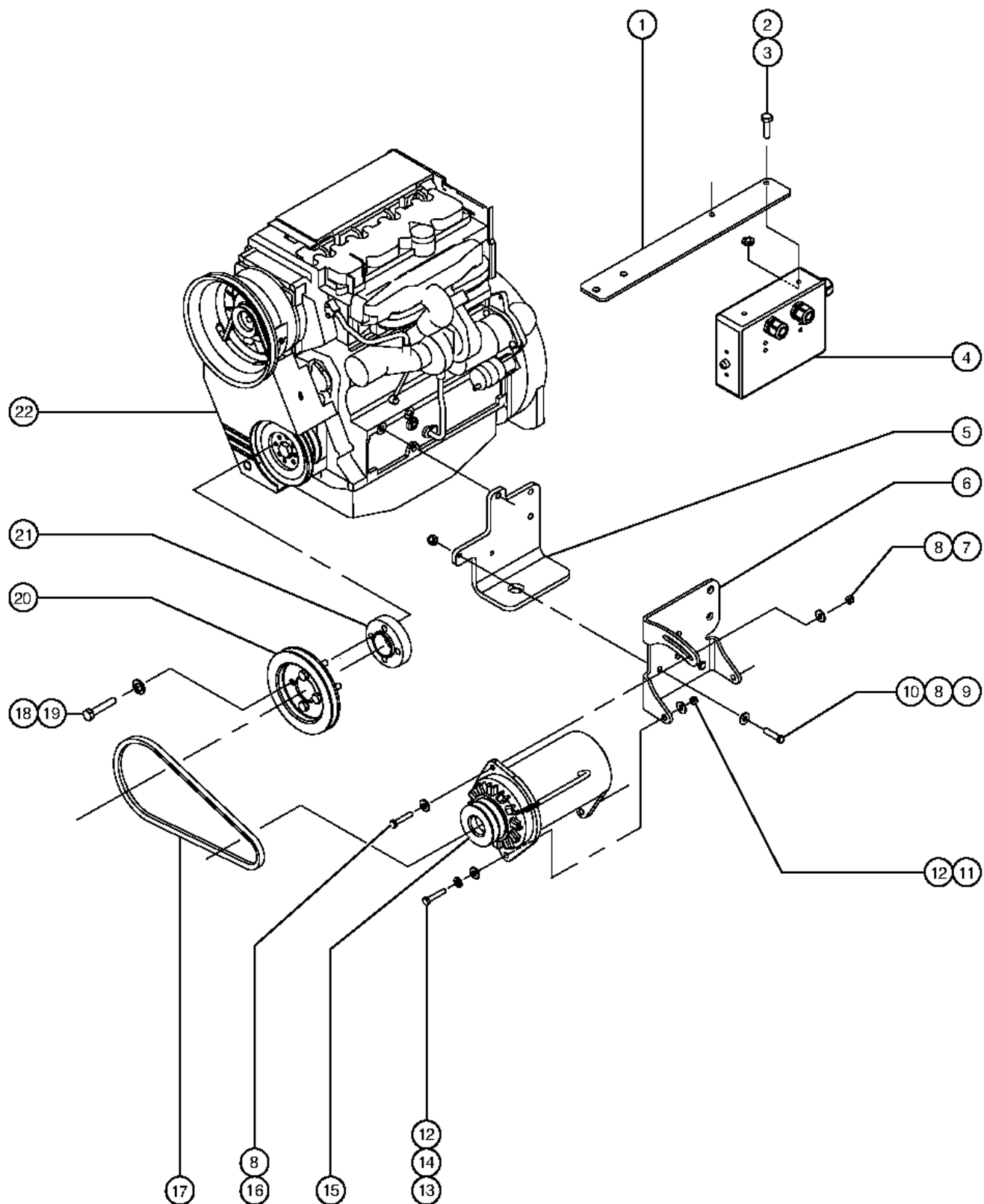
806.1 Belt Driven Generator Option - Deutz Engine (to SN 920)



806.1 Belt Driven Generator Option - Deutz Engine (to SN 920)

Item	Part No.	Description	Qty.
--	61014-S	GENERATOR,3500W W/REG-DEUTZ	
--	60738	VOLTAGE REGULATOR,110V	
--	61011-S	GENERATOR,3000W 220/50-DEUTZ	
--	60739	VOLTAGE REGULATOR,220V	
1	13000	SCREW,HHC,5/16-18 X 1.25	
2	5397	WASHER,FLAT,USS,5/16",Y	
3	6782	NUT,NYLOCK,5/16-18	
4	89894	BRACKET,GENERATOR-DEUTZ.....1	
5	6175	SCREW,HHC,3/8-16 X 1	
6	60707	GENERATOR,3500W,120V,60HZ**..1	
--	102681	PULLY, GNRTR,220V,50HZ(89908) <i>for 89908 generator</i>	
--	146062	PULLY,GNRTR,120V,60HZ(60707) <i>for 60707 generator</i>	
--	75425	BRUSH(4REQ)(60707/60737)	
--	75426	BRUSH HOLDER(4REQ)(60707/60737)	
--	75427	BEARING (2 REQ)(60707/60737)	
--	75428	END PLATE,GEN.HOUSING,FAN END	
--	75429	END PLATE,GEN.HOUSG,BRUSH END	
--	89908	GENERATOR,3000W,220V,50HZ***	
7	75053	BELT,AX38***.....1	
8	8915	SCREW,HHC,1/4-20 X 1.25	
9	6638	WASHER,FLAT,USS,1/4"Y	
10	6091	NUT,NYLOCK,1/4-20	
11	61198	BOX,ELECT.GENERATOR W/REG 120V.....1	
--	60521	RELAY,SEALED 30/40 AMP	
--	60887	CIRCUIT BREAKER, 30 AMP	
--	61194	BOX,ELECT.GENERATOR W/REG 220V	
--	61195	CIRCUIT BREAKER, 12.5 AMP	
--	61211	CIRCUIT BREAKER,15 AMP	
12	89906	WELDMENT,GENERATOR MOUNT,DEUTZ	
13	75420	SCREW,HHC,M8 X 1.25 X 120	

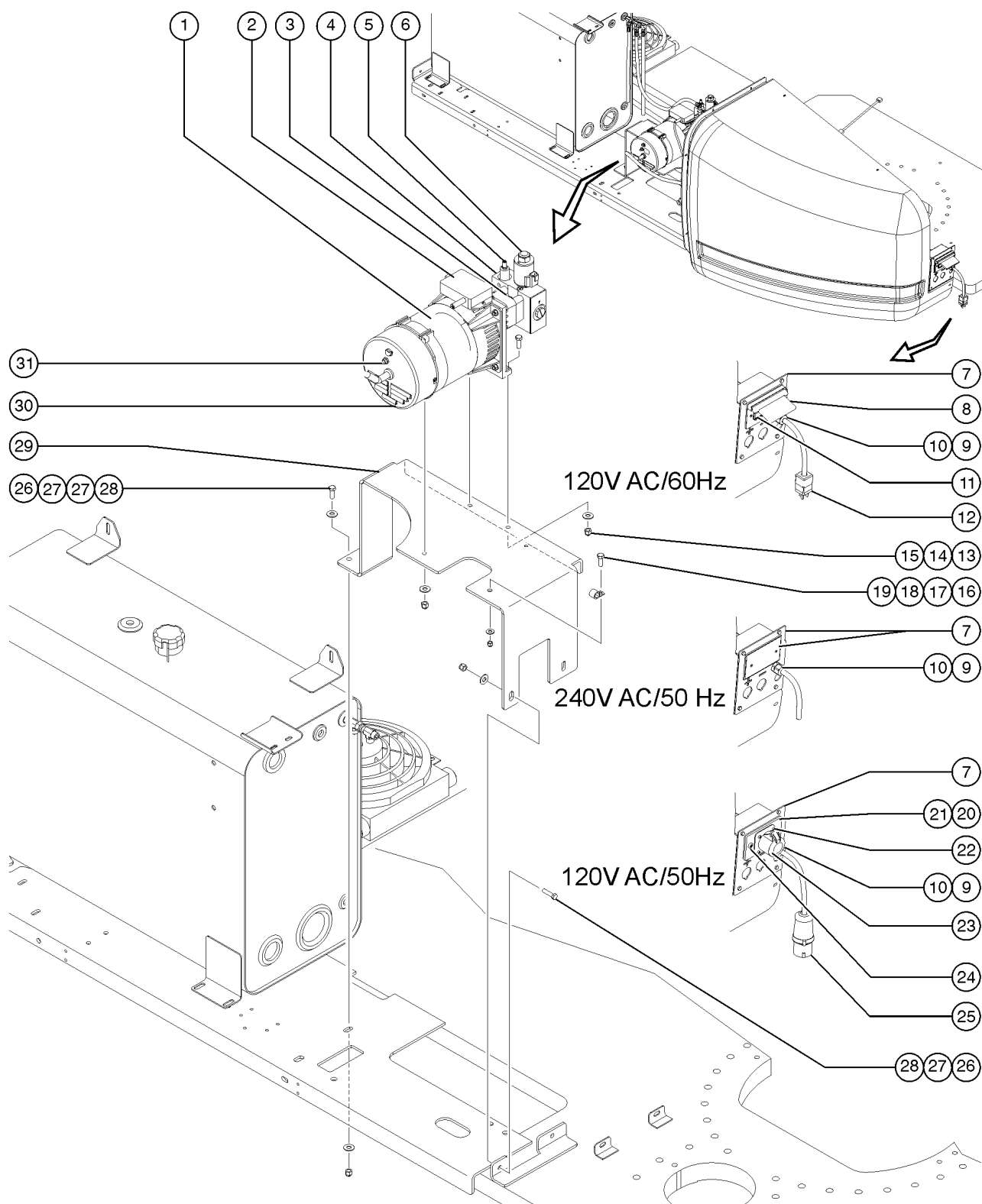
806.2 Belt Driven Generator Option - Deutz Engine (from SN 921 to 2960)



806.2 Belt Driven Generator Option - Deutz Engine (from SN 921 to 2960)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	70507	OPT,GEN BD 3500W 110/60 DEUTZ		--	89908	GENERATOR,3000W,220V,50HZ***	
--	60738	VOLTAGE REGULATOR,110V		16	14723	SCREW,HHC,5/16-18 X 1.75	
--	70508	OPT,GEN BD 3000W 220/50 DEUTZ		17	70397	BELT,AX34***	1
--	60739	VOLTAGE REGULATOR,220V		18	25927	SCREW,HHC,M10 X 55MM,GRD 8.8	
1	89493P	PLATE,GENERATR.CNTRL.BOX MOUNT	1	19	22700	WASHER,LOCK,M10	
2	6888	SCREW,HHC,1/4-20 X 1		20	70389	PULLEY,DEUTZ.....	1
3	6091	NUT,NYLOCK,1/4-20		21	81069	SPACER,PULLEY,DEUTZ GEN.....	1
4	102235	ELECT.BOX,GENERATOR W/REG.120V.....	1	22	106740	COVER,REWORK,DEUTZ GENERATOR.....	1
--	102236	ELECT.BOX,GENERATOR W/REG.220V					
--	60521	RELAY,SEALED 30/40 AMP					
--	60887	CIRCUIT BREAKER, 30 AMP					
--	61194	BOX,ELECT.GENERATOR W/REG 220V					
--	61195	CIRCUIT BREAKER, 12.5 AMP					
--	61211	CIRCUIT BREAKER,15 AMP					
5	70438P	FORMING,ENGINE MOUNT PAINTED.....	1				
6	119533	FORMING,GENERATOR MOUNT***	1				
7	6782	NUT,NYLOCK,5/16-18					
8	5397	WASHER,FLAT,USS,5/16",Y					
9	8516	SCREW,HHC,3/8-16 X 1.50,GR5					
10	4828	NUT,NYLOCK,3/8-16					
11	6083	NUT,HEX,7/16-14					
12	11209	WASHER,FLAT,USS,7/16",Y					
13	81852	SCREW,HHC,7/16-14 X 1.75					
14	20912	WASHER,LOCK,.437,PLTD.					
15	60707	GENERATOR,3500W,120V,60HZ**..	1				
--	102681	PULLY, GNRTR,220V,50HZ(89908) <i>for 89908 generator</i>					
--	146062	PULLY,GNRTR,120V,60HZ(60707) <i>for 60707 generator</i>					
--	75425	BRUSH(4REQ)(60707/60737)					
--	75426	BRUSH HOLDER(4REQ)(60707/60737)					
--	75427	BEARING (2 REQ)(60707/60737)					
--	75428	END PLATE,GEN.HOUSING,FAN END					
--	75429	END PLATE,GEN.HOUSG,BRUSH END					

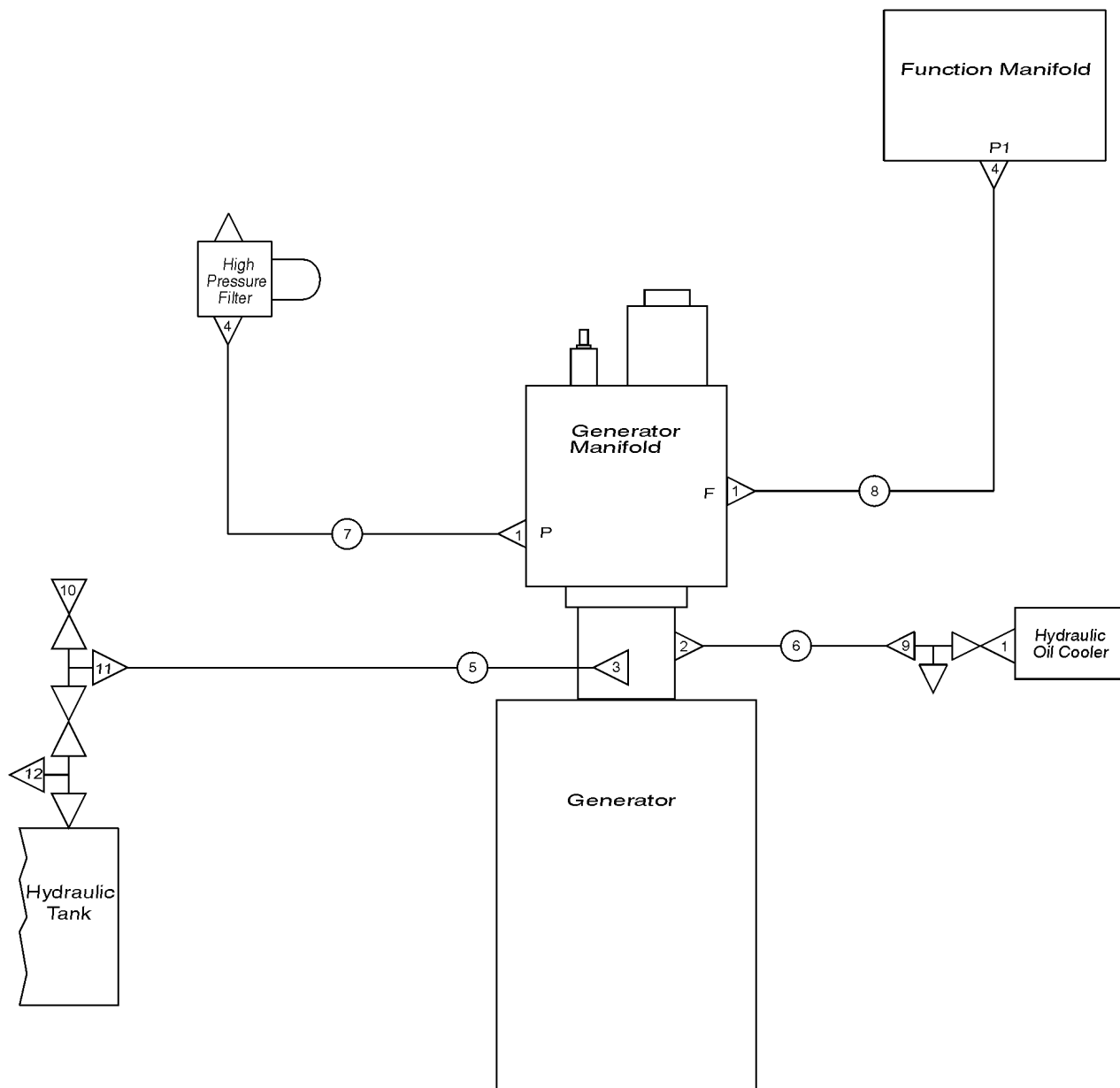
807.1 Hydraulic (MTE) Generator Option - View 1 (from SN 2961)



807.1 Hydraulic (MTE) Generator Option - View 1 (from SN 2961)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	146553	WIRE HARNESS,JUMPER,MTE GEN,SB		22	54380	SCREW,PHILLIPS,PHM,8-32 X .875	
--	147240	CAPACITOR 16æF, GEN		23	T112560	RECEPTACLE,UK,110V	
--	114236	DECAL,LABEL,CB SYMBOL		24	63375	SCREW,FHM,6-32 X .75	
1A	139952	GENERATOR, 3kW, 120V/50Hz.....1 (complete) includes items 2-6 and 30-31		25	144161	PLUG,PWR,UK,16AMP,3PIN,BLK	
1B	139953	GENERATOR, 3kW, 120V/60Hz (complete) includes items 2-6 and 30-31		26	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5	
--	147239	BREAKER, 25 AMP, GEN 60hz		27	6097	WASHER,FLAT,USS,3/8",Y	
1C	139954	GENERATOR, 3kW, 240V/50Hz (complete) includes items 2-6 and 30-31		28	4828	NUT,NYLOCK,3/8-16	
--	147258	BREAKER,15 AMP,GEN 50hz		29	146322P	FORMING,MTE GEN MTG PLATE,PTD	
2	147279	CONTROLLER BOX, 120/240V, 50H.....1 part of generators 139952 and 139954		30	147241	COVER, END, GEN, 120V.....1 part of generators 139952 and 139953	
--	147228	CONTROLLER BOX, 120/240V, 60H part of generator 139953		--	147262	COVER, END, GEN, 240V part of generator 139954	
3	147230	207 HYD MOTOR ASSY, GEN.....1		31	147239	BREAKER, 25 AMP, GEN.....1 part of generators 139952 and 139953	
--	147231	SEAL KIT, HYD MOTOR, GEN		--	147258	BREAKER,15 AMP,GEN part of generator 139954	
4	147229	MANIFOLD ASSEMBLY, GEN.....1 (complete) includes items 5 and 6					
5	147233	VALVE, RELIEF, GEN, 3.0kW.....1					
6	147232	12VDC PROPORTIONAL VALVE.....1					
7		Ref. (refer to 309.1)					
8	74006	COVER,GFCI,HORIZONTAL,WEATHER					
9	7056	CONN,SQUEEZE,1/2NPT .38-.50,SM					
10	6595	PLUG,ELECTRICAL,DOMESTIC					
11	80543	RECEPTACLE, 120VAC, 20A, GFCI					
12	6595	PLUG,ELECTRICAL,DOMESTIC					
13	60485	COVER,TURNTABLE,LEFT SIDE					
14	5397	WASHER,FLAT,USS,5/16",Y					
15	13000	SCREW,HHC,5/16-18 X 1.25					
16	6090	SCREW,HHC,1/4-20 X .75					
17	45470	CLAMP,0.31,#5 X 1/4,RUB CUSH					
18	6638	WASHER,FLAT,USS,1/4"Y					
19	6091	NUT,NYLOCK,1/4-20					
20	T112561	PLATE,UK,POWER TO PLAT					
21	81458	GASKET, UK POWER TO PLAT					

807.2 Hydraulic (MTE) Generator Option - View 2 (from SN 2961)



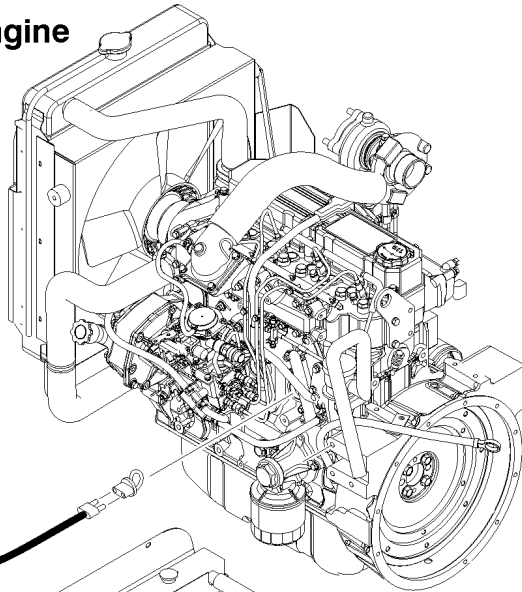
LEGEND	
	ADAPTER
	HOSE ASSEMBLY
	UNION

807.2 Hydraulic (MTE) Generator Option - View 2 (from SN 2961)

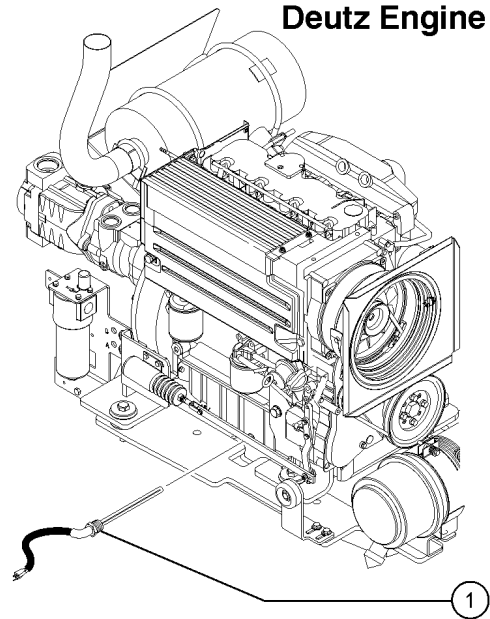
Item	Part No.	Description	Qty.
1	48959	FITTING,ELBOW,90D,520220-12....3	
2	75614	ELBOW,90D,LONG,521520-8.....1	
3	49861	CONN,LONG,520122-4.....1	
4	48960	FITTING,CONN,520120-12.....2	
5	49163-2994	HOSE ASSY,1/4"90 FEM,STR FEM.....1	
6	49142-5062	HOSE ASSY,1/2,90 FEM,STR FEM.....1	
7	61073-6230	HOSE ASSY,3/4" 90 FEM STR FEM.....1	
8	61074-2228	HOSE ASSY,3/4,STR FEM,STR FRM.....1	
9	48964	FITTING,TEE,RUN,SWIVEL52043212.1	
10	48892	ELBOW,SWIVEL 90D, 520221-6....1	
11	48875	TEE,RUN,SWIVEL,520432-6.....1	
12	48918	TEE,RUN,520428-6.....1	

808.1 Cold Start Package

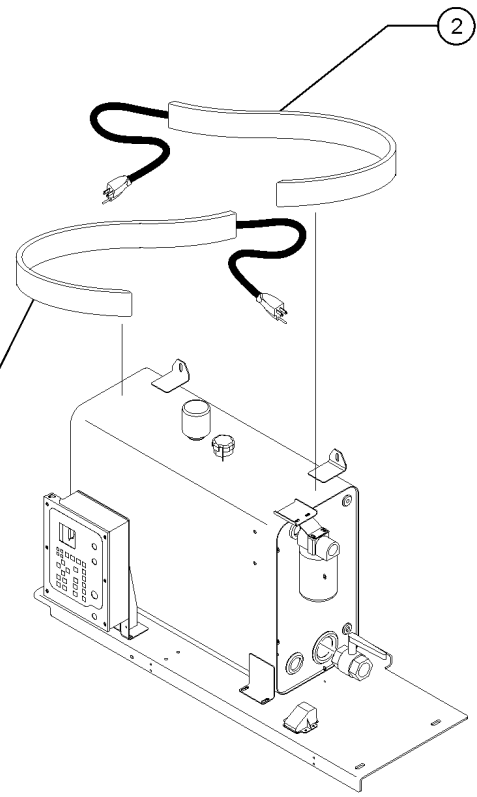
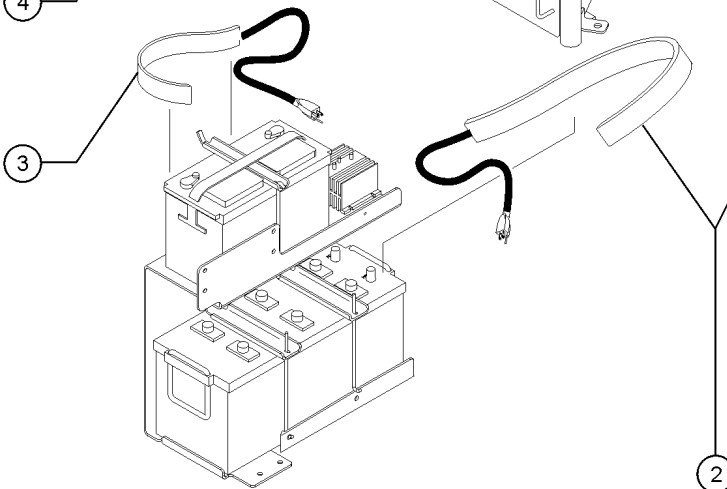
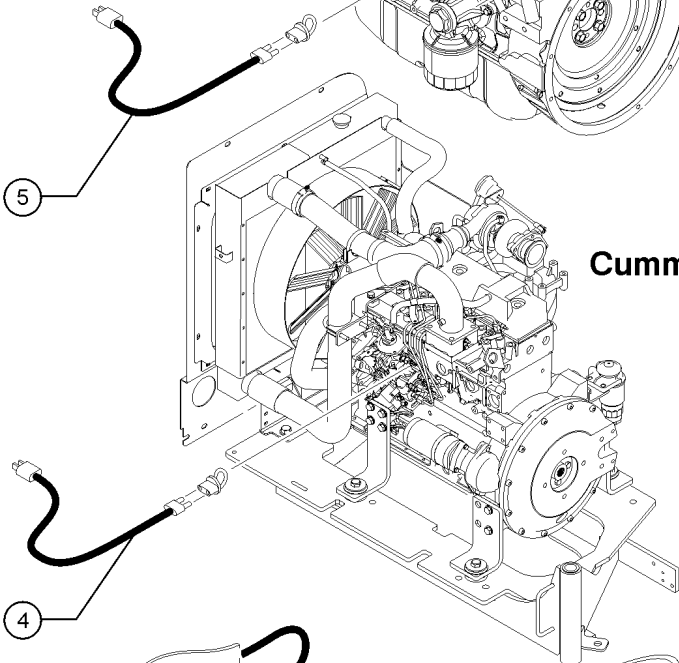
Perkins Engine



Deutz Engine



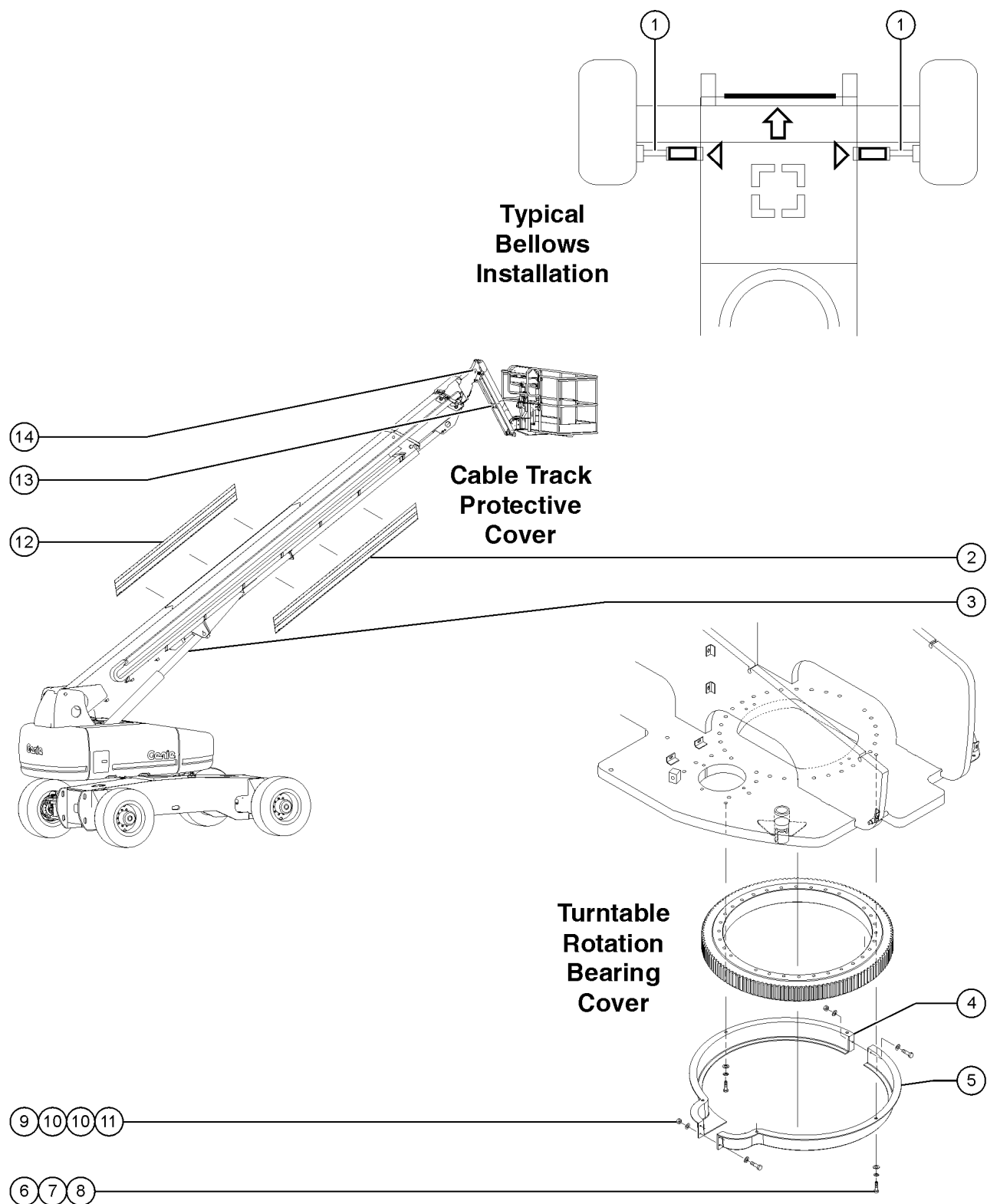
Cummins Engine



808.1 Cold Start Package

Item	Part No.	Description	Qty.
--	61015-S	COLD START PKG,PERKINS,SERVICE <i>Perkins models; to SN 932</i>	
--	101660	COLD START OPTION,PERKINS <i>Perkins models; from SN 933 to 2552</i>	
--	122772	COLD START PKG,110V,PERK.804T <i>Perkins models; from SN 2553</i>	
--	61016-S	COLD START PKG,DEUTZ, SERVICE <i>Deutz models; to SN 920</i>	
--	128373	COLD START PKG, 110V, DEUTZ <i>Deutz models; from SN 921</i>	
--	60908-S	COLD START PKG,CUMMINS-SERVICE <i>Cummins models; to SN 935</i>	
--	122771	COLD START PKG,110V,CUM.B3.3T <i>Cummins models; from SN 936</i>	
1	128274	OIL PAN HEATER,DEUTZ,120V,150W.....1 <i>from SN 921</i>	
2	61245	BLANKET,BATTERY.....3	
--	75048	CABLE TIE,BLACK,36"	
3	23877	CABLE TIE,28"	
3	28853	BLANKET,BATTERY.....2	
4	61246	FREEZE PLUG HEATER,CUMMINS <i>to SN 935</i>	
--	122768	FREEZE PLUG HEATER <i>from SN 936</i>	
5	75251	FREEZE PLUG HEATER,PERKINS <i>to SN 932</i>	
--	101632	FREEZE PLUG HEATER,PERKINS 804 <i>from SN 2553</i>	
--	101659	FREEZE PLUG HEATER,400W <i>from SN 933 to 2552</i>	

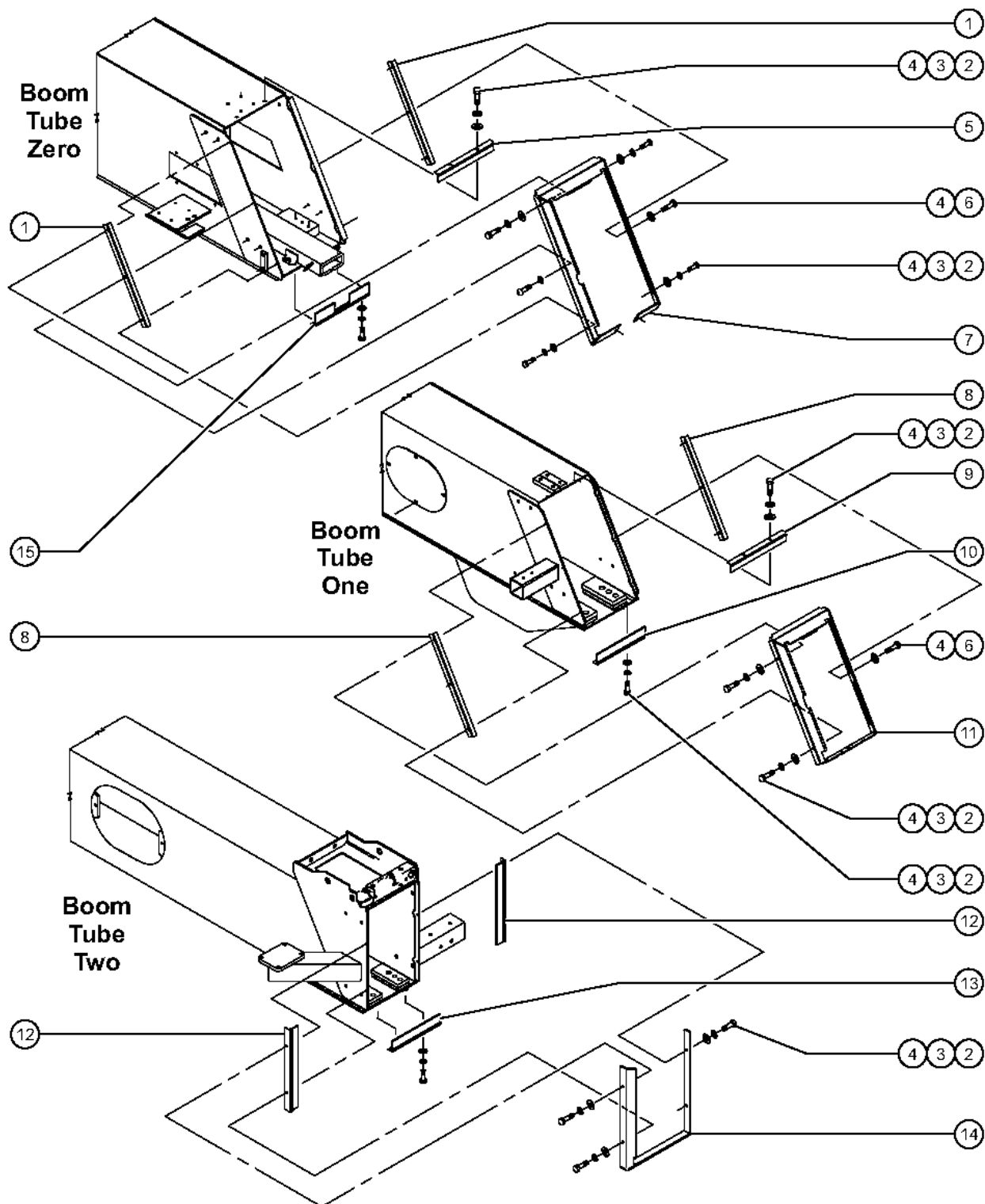
809.1 Hostile Environment Package - View 1



809.1 Hostile Environment Package - View 1

Item	Part No.	Description	Qty.
1	60627	COVER,PROTECTIVE,STEER CYL ***.....	4
--	22672	CLAMP,HOSE,1.75	
--	30489	CLAMP,HOSE,3.50	
2	61298	COVER,84 LINK TRACK.....	1
3	60326	COVER,PROTECTIVE,LIFT CYLINDER.....	1
--	31523	CLAMP,HOSE,8.50 DIA***	
--	35432	CLAMP,HOSE,6.50	
4	61118	COVER,SWING BEARING FRONT.....	1
5	61119	COVER,SWING BEARING REAR....	1
6	10587	SCREW,HHC,1/2-13 X.75	
7	6033	WASHER,LOCK,0.5"	
8	6095	WASHER,FLAT,USS,1/2",Y	
9	6090	SCREW,HHC,1/4-20 X .75	
10	6638	WASHER,FLAT,USS,1/4"Y	
11	6091	NUT,NYLOCK,1/4-20	
12	61297	COVER,50 LINK TRACK.....	1
13	34505	COVER,PROTECTIVE,JIB CYLINDER.....	1
--	22672	CLAMP,HOSE,1.75	
--	30971	CLAMP,HOSE,3.00"	
14	60628	COVER,PROTECTIVE,PLAT.LEVELING.1 S-120	
14	61393	COVER,PROTECTIVE,PLAT. LEVLING.....	1
--	22672	CLAMP,HOSE,1.75 S-125	
--	30489	CLAMP,HOSE,3.50 S-125	
--	30971	CLAMP,HOSE,3.00" S-120	
--	36208	CLAMP,HOSE,1.25*** S-120	

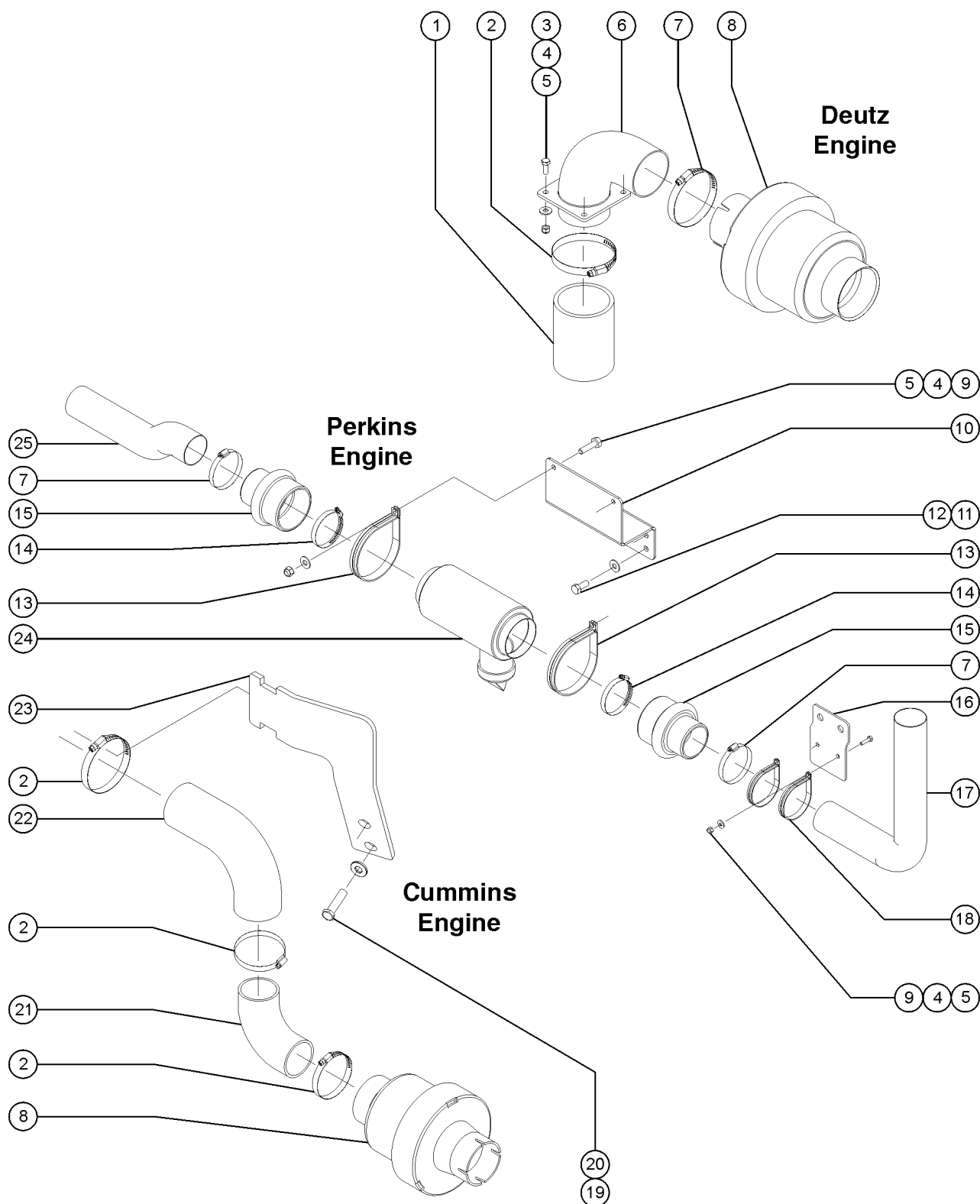
809.2 Hostile Environment Package - View 2



809.2 Hostile Environment Package - View 2

Item	Part No.	Description	Qty.
1	60232	BRUSH,SIDE,MAST #0.....	2
2	6090	SCREW,HHC,1/4-20 X .75	
3	6356	WASHER,LOCK,,.25	
4	6638	WASHER,FLAT,USS,1/4"Y	
5	60233	BRUSH,TOP,MAST #0.....	1
6	14297	SCREW,BHHS,1/4-20 X .75	
7	60158	COVER MAST #1.....	1
8	60234	BRUSH,SIDE,MAST #1.....	2
9	60235	BRUSH,TOP,MAST #1.....	1
10	60244	BRUSH,BOTTOM,MAST #1.....	1
11	60157	COVER MAST #2.....	1
12	60236	BRUSH,SIDE,MAST #2.....	2
13	60237	BRUSH,BOTTOM,MAST #2.....	1
14	60156	COVER MAST #3.....	1
15	60243	BRUSH,BOTTOM,MAST #0.....	1

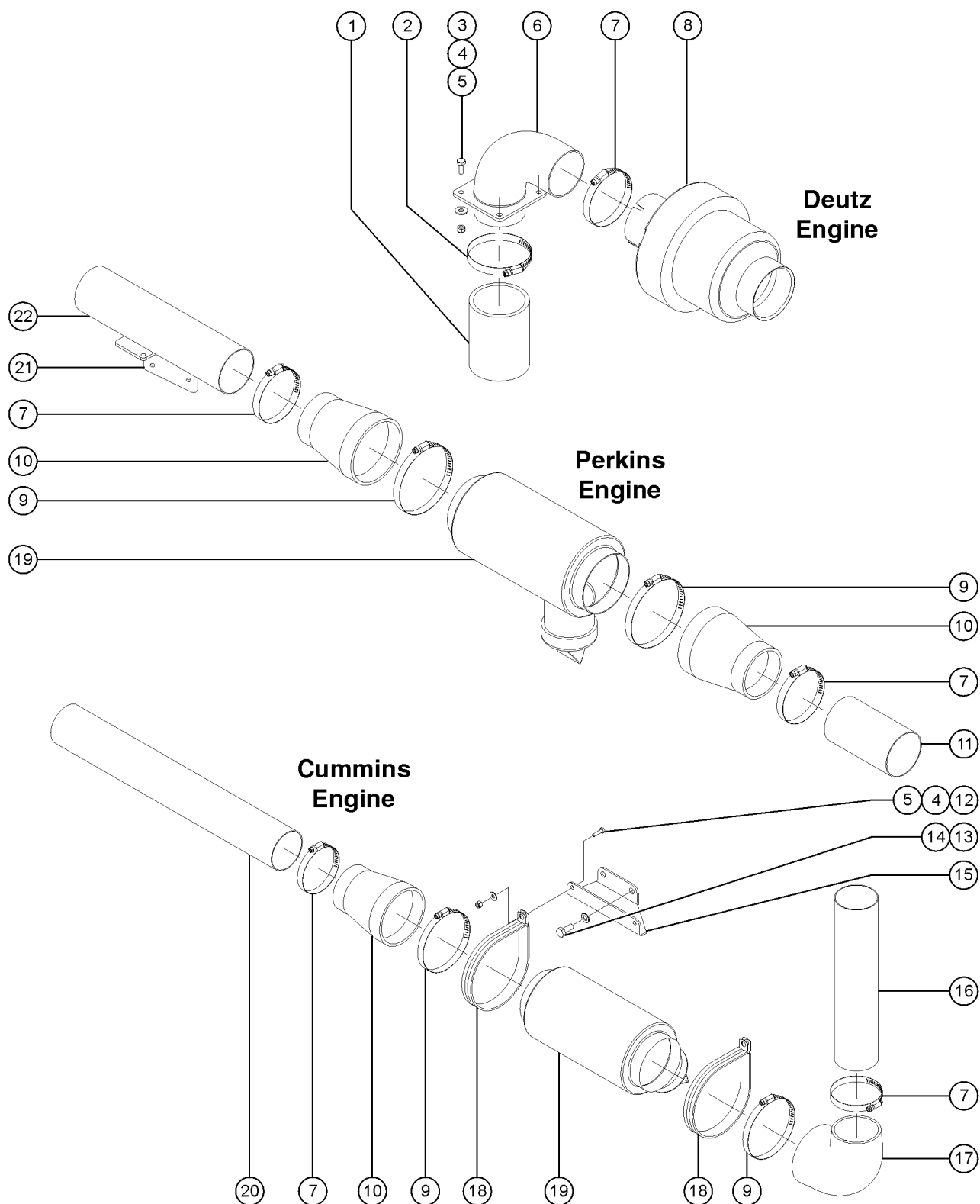
810.1 Hostile Environment Package - Engine Air Cleaners (to SN 2547)



810.1 Hostile Environment Package - Engine Air Cleaners (to SN 2547)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	102253	PRECLEANER OPTION,DEUTZ <i>Deutz models; to SN 920</i>		22	89972	ELBOW,90ø,3.50 ID, REWORKED.....	1
--	70515	OPTION,PRECLEANER DEUTZ*** <i>Deutz models; from SN 921</i>		23	102181P	FORMING,TUBE SUPPORT,PRE-CLEAN.....	1
--	106584	PRECLEANER OPTION,PERKINS <i>Perkins models; from SN 933 to 2099</i>		24	88493	PRECLEANER,AIR INTAKE.....	1
--	122331	OPTION,PRE-CLEANER PERKINS <i>Perkins models; from SN 2100</i>		25	101658	TUBE,AIR INTAKE,LOWER.....	1
--	89970	OPTION,PRECLEANER CUMMINS <i>Cummins models; to SN 935</i>		--	122329	TUBE,AIR INTAKE,LOWER <i>from SN 2100</i>	
--	102183	OPT,AIR PRECLEANER,CUMMINS <i>Cummins models; from SN 936</i>					
1	106211-400	HOSE,RUBBER 3"ID X .25 BLACK.....	1				
2	30489	CLAMP,HOSE,3.50.....	4				
3	6090	SCREW,HHC,1/4-20 X .75					
4	6638	WASHER,FLAT,USS,1/4"Y					
5	6091	NUT,NYLOCK,1/4-20					
6	102220	WELDMENT,PRECLEANER,DEUTZ.1					
7	30971	CLAMP,HOSE,3.00".....	3				
8	89959	PRECLEANER,INLINE 3".....	2				
9	6888	SCREW,HHC,1/4-20 X 1					
10	70546P	BRACKET,PRE-CLEANER MOUNT PNTD.....	1				
--	122330P	BRACKET,PRECLEANER MOUNT,PTD <i>from SN 2100</i>					
11	23057	SCREW,HHC,M8 X 20MM					
12	33277	WASHER,FLAT,M8,YELLOW ZINC					
13	101639	CLAMP,5.38,#86 X 3/8,RUB CUSH					
14	34955	CLAMP,HOSE,5.00.....	2				
15	88492	HOSE,HUMP 3" TO 4".....	2				
16	122368	BRACKET,PRECLEANER,TUBING.1 <i>from SN 2100</i>					
17	101657	TUBE,AIR INTAKE,UPPER.....	1				
--	122328	TUBE,AIR INTAKE,UPPER <i>from SN 2100</i>					
18	70257	CLAMP,3.0,#48 X 1/4,RUB CUSH....	2				
19	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5					
20	5397	WASHER,FLAT,USS,5/16",Y					
21	89960	ELBOW,90ø,3.50 ID,RUBBER.....	1				

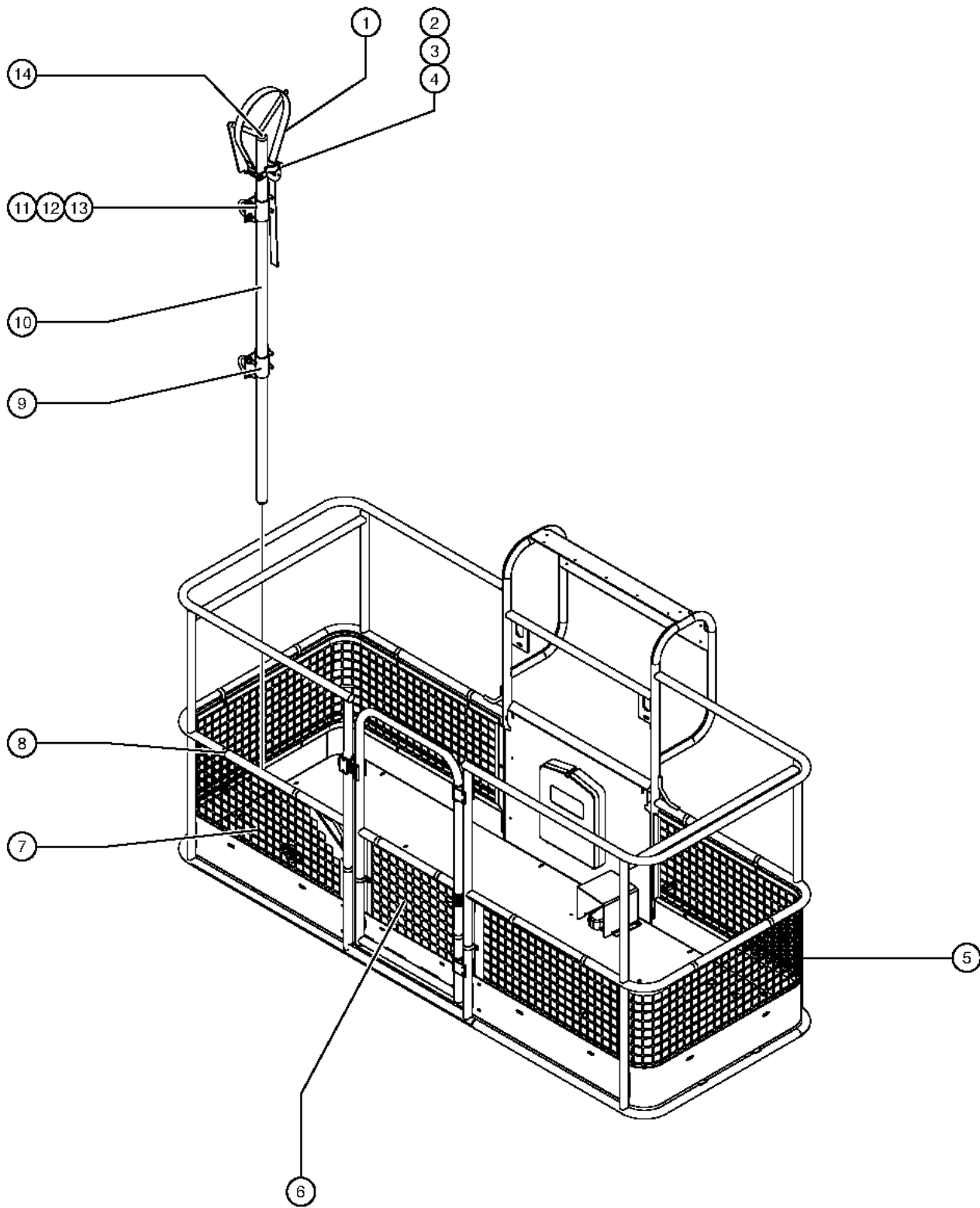
810.2 Hostile Environment Package - Engine Air Cleaners (from SN 2548)



810.2 Hostile Environment Package - Engine Air Cleaners (from SN 2548)

Item	Part No.	Description	Qty.
--	70515	OPTION,PRECLEANER DEUTZ***	
--	122927	OPT,PRCLEANER,PERKINS 804T	
--	122910	OPT,PRECLEANER CUMMINS B3.3T	
1	106211-400	HOSE,RUBBER 3"ID X .25 BLACK.....1	1
2	30489	CLAMP,HOSE,3.50.....4	4
3	6090	SCREW,HHC,1/4-20 X .75	
4	6638	WASHER,FLAT,USS,1/4"Y	
5	6091	NUT,NYLOCK,1/4-20	
6	102220	WELDMENT,PRECLEANER,DEUTZ.1	
7	30971	CLAMP,HOSE,3.00".....3	3
8	89959	PRECLEANER,INLINE 3".....2	2
9	34955	CLAMP,HOSE,5.00	
10	122432	REDUCER,RUBBER,4.0 X 3.0	
11	122929	TUBE,INTAKE,PRECLEANER,804T	
12	6888	SCREW,HHC,1/4-20 X 1	
13	27034	SCREW,HHC,M10 X 25MM,GR 8.8	
14	22699	WASHER,FLAT,M10,ZINC PLTD.	
15	122914	BRACKET,PRECLEANER MNT B3.3T	
16	122912	TUBE,INTAKE,PRECLEANER B3.3T	
17	122913	REDUCER,90DEG,4.0 X 3.0	
18	101639	CLAMP,5.38,#86 X 3/8,RUB CUSH.....2	2
19	88493	PRECLEANER,AIR INTAKE	
20	122911	TUBE,INTAKE,PRECLEANER B3.3T	
21	128421	FORMING, INTAKE TUBE MNT	
22	122928	TUBE,INTAKE,PRECLEANER,804T	

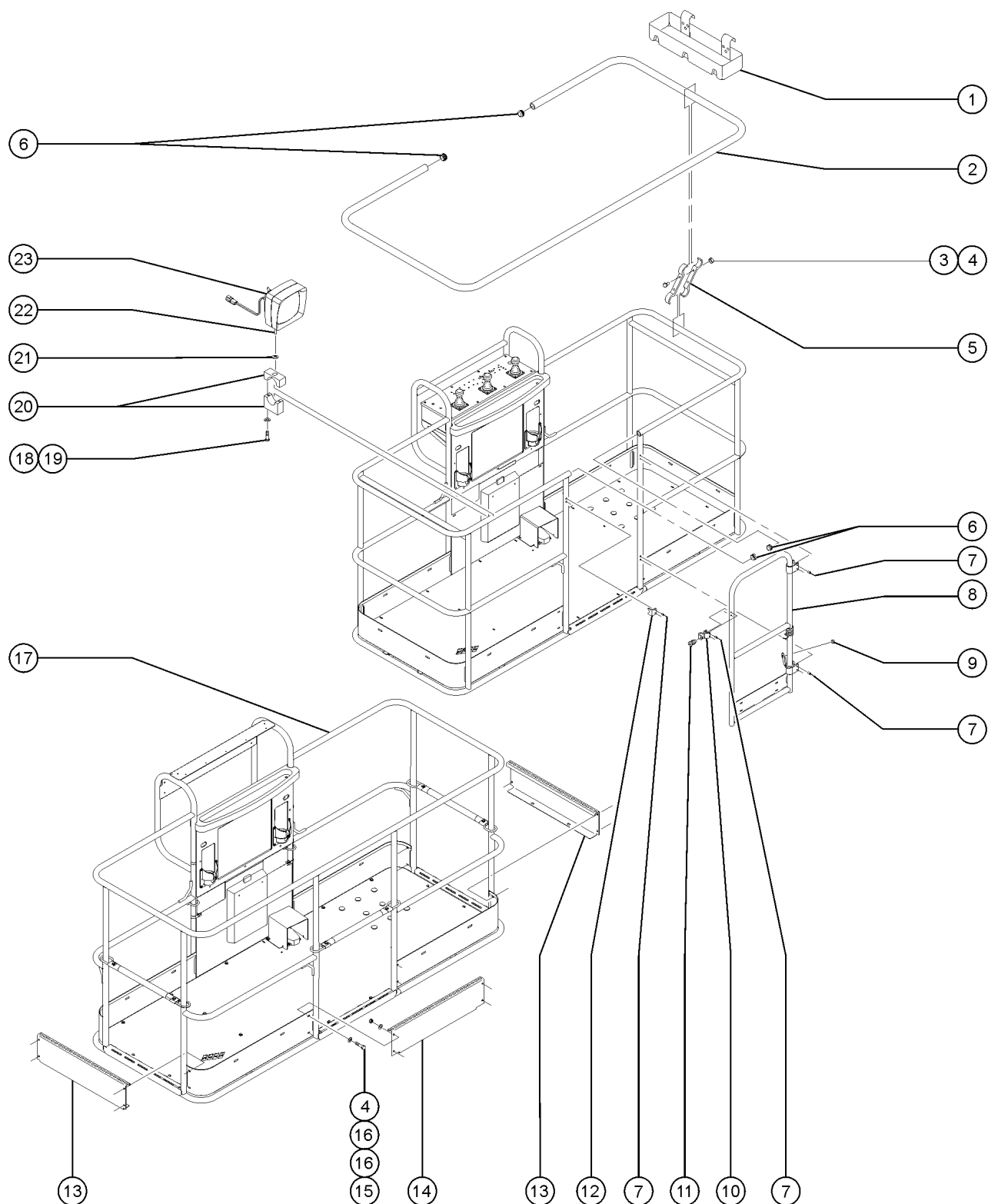
811.1 Half-mesh and Pipe Cradle Options



811.1 Half-mesh and Pipe Cradle Options

Item	Part No.	Description	Qty.
--	85300	PIPE CRADLE ASSY. SERV (ONE)**	
--	72875	DECAL, WARNING, PIPE CRADLE, BOOM	
--	119395	OPTION, 6' HALF MESH PLAT/GATE	
--	119396	OPTION, 8' HALF MESH PLAT/GATE	
--		Ref. Swing Gate Option, Complete (refer to 812.1)	
1	56570	STRAP, CONDUIT HOLDER 60".....1	
2	6884	SCREW, HHC, 1/4-20 X 2.5	
3	6638	WASHER, FLAT, USS, 1/4"Y	
4	6889	NUT, LP NYLOCK, 1/4-20	
5	73500	HALF MESH, 8' PLATFORM, RH***.....1	
--	54465	MESH, HALF, RH, 6' PLATFORM	
6	54457	MESH, HALF, SWING GATE***.....1	
7	73501	HALF MESH, 8' PLATFORM, LH.....1	
--	54458	MESH, HALF, LH, 6' PLATFORM	
8	56424	CLAMP, 1.25X.5 RUBBER-CUSHION	
--	6090	SCREW, HHC, 1/4-20 X .75	
--	6091	NUT, NYLOCK, 1/4-20	
--	6638	WASHER, FLAT, USS, 1/4"Y	
9	81368	WELDMENT, PIPE CRADLE MOUNT.....1	
10	56525	WELDMENT, PIPE CRADLE.....1	
11	122755	UBOLT, FLATTENED, 1.5DIA X 3/8 UNC.....8	
12	4828	NUT, NYLOCK, 3/8-16	
13	5397	WASHER, FLAT, USS, 5/16", Y	
14	55753	BUMPER, PLASTIC, 1.25 O.D.....4	

812.1 Platform Options



812.1 Platform Options

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	53808-S	AUX TOP RAIL,6'(1.25")SERVICE		--	111282	6FT TRI-ENTRY ASSY AUST (S-120) Australia Models; to SN 1292	
--	53807-S	AUX TOP RAIL,8'(1.25")SERVICE		--	102446	8'TRI-ENTRY ASSY AUST S105/125 (S-125) Australia Models; to SN 1292	
--	122278	AUX TOP RAIL,6',SWG GT, SRV		--	111283	8FT TRI-ENTRY ASSY AUST (S-120) Australia Models; to SN 1292	
--	122279	AUX TOP RAIL,8',SWG GT, SRV		--	111288	6' TRI-ENTRY ASSY AUST (S-120) Australia Models; from SN 1293	
--	119950	KIT,FIELD INSTALL,SWING GATE includes 128368, 1487, 1488, and 33674		--	111292	6' TRI-ENT ASSY AUST (S-125) Australia Models; from SN 1293	
--	75527	HARNESS,WORKLIGHT OPT		--	111289	8FT TRI-ENTRY ASSY AUST (S-120) Australia Models; from SN 1293	
--	T108991	HARNESS,PLAT,WORKLIGHT,12V connects to work light; from SN 2900		--	111293	8' TRI-ENT ASSY AUST (S-125) Australia Models; from SN 1293	
--	T108990	CABLE,12/3, WORKLIGHT, 12V connects harness T108991 to harness 75527; from SN 2900		--	102444	TRI ENT PLTF ASSY 6'ASIA/SO.AM (S-125) Asia/South America Models	
--	102720	OPT,TOEBOARD,8'TRI ENTRY,EURO includes items 5, 13-16		--	111284	6FT TRI-ENTRY ASSY A/SO.A (S-120) Asia/South America Models	
--	139453	OPT.,TOEBOARD,6' TRI ENTRY includes items 5, 13-16		--	102938	8' TRI-ENT ASSY A/SO.A S105125 (S-125) Asia/South America Models	
--	102441	6' TRI ENTRY ASSY USA/CAN S125 (S-125) USA/Canada Models; to SN 1292		--	111285	8FT TRI-ENT ASSY A/SO.AM (S-120) Asia/South America Models	
--	111279	6' TRI ENTRY ASSY ANSI (S-120) USA/Canada Models; to SN 1292		1	9599-S	TOOL TRAY ACCESSORY***.....1	
--	102445	8' TRI-ENTRY ASSY ANSI S125 (S-125) USA/Canada Models; to SN 1292		2	1259704	PINCH GUARD RAIL,6' PLATFORM.....1 includes 55753 bumpers	
--	111280	8' TRI-ENTRY ASSY ANSI (S-120) USA/Canada Models; to SN 1292		--	111485P	AUX TOP RAIL,6FT,PTD.....2 for use with swing gate	
--	111286	6' TRI ENTRY ASSY ANSI (S-120) USA/Canada Models; from SN 1293		--	111486P	AUX TOP RAIL,8FT,PTD.....2 for use with swing gate	
--	111290	6' TRI-ENT ASSY ANSI (S-125) USA/Canada Models; from SN 1293		--	52661	PINCH GUARD RAIL,8' PLATFORM**.....1	
--	111287	8' TRI-ENTRY ASSY ANSI (S-120) USA/Canada Models; from SN 1293		3	4266	SCREW,HHC,1/4-20 X 2 to SN 1844	
--	111291	8' TRI-ENT ASSY ANSI (S-125) USA/Canada Models; from SN 1293		--	122231	SCREW,BHSC,1/4-20 X 1 from SN 1845	
--	102447	8' TRI-ENTRY ASSY CE S105/125 (S-125) European Models		4	6091	NUT,NYLOCK,1/4-20 to SN 1844	
--	111281	8' TRI-ENTRY ASSY CE/UK (S-120) European Models		--	6889	NUT,LP NYLOCK,1/4-20 from SN 1845	
--	102442	6' TRI-ENTRY ASSY AUST S125 (S-125) Australia Models; to SN 1292		5	139958	KIT, AUX TOP RAIL SUPPORT.....10 to SN 1844	

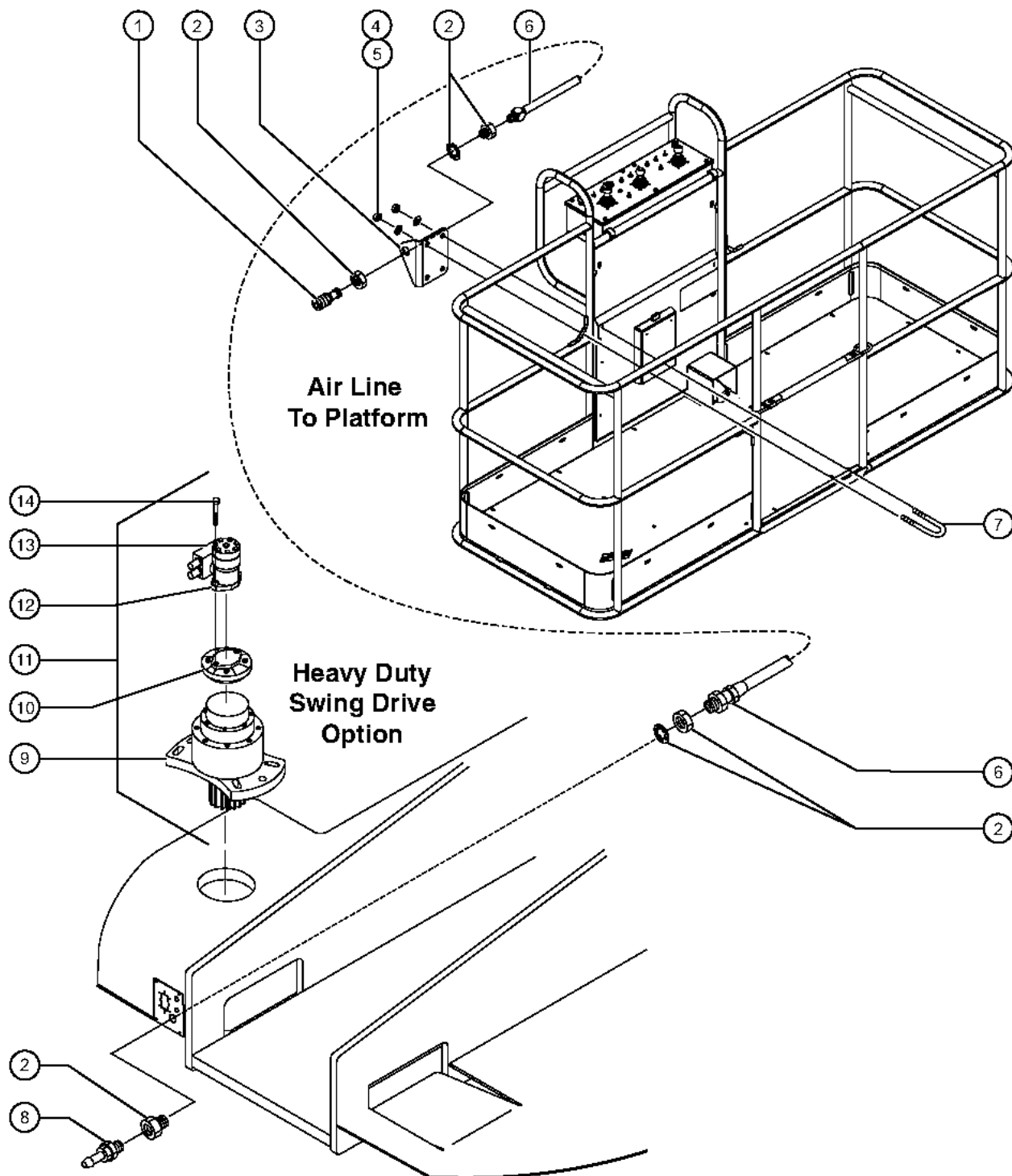
812.1 Platform Options

(continued)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	122073	SUPPORT, RAILING.....20 <i>from SN 1845</i>		--	111318	8' TRI-ENT RAIL W/DECALS ANSI (S-120) USA/Canada Models; <i>from</i> SN 1293	
6	55753	BUMPER, PLASTIC, 1.25 O.D.....4		--	111320	8' TRI-ENT RAIL W/DECALS ANSI (S-125) USA/Canada Models; <i>from</i> SN 1293	
7	7265	RIVET,STEEL,P, .25 X .375.....14		--	107706	8' TRI-ENT RAIL W/DECALS CE/UK (S-125) European Models	
8	128368	KIT,SWING GATE W/SPRING.....1		--	111312	8' TRI-ENT RAIL W/DECALS CE/UK (S-120) European Models	
--	119950	KIT,FIELD INSTALL,SWING GATE <i>includes 128368, 1487, 1488, and</i> <i>33674</i>		--	107707	6' TRI-ENT RAIL W/DECALS AUSTR.....1 (S-125) Australia Models	
--	1487	GATE LATCH CASTING--DRILLED		--	111313	6' TRI-ENT RAIL W/DECALS AUSTR.....1 (S-120) Australia Models	
--	1488	RAILING CATCH CASTING--DRILLED		--	107708	8' TRI-ENT RAIL W/DECALS AUSTR (S-125) Australia Models	
--	33674	PIN,LOCK,SHORT***		--	111314	8' TRI-ENT RAIL W/DECALS AUSTR (S-120) Australia Models	
9	43392	BUMPER,BATTERY BOX & RAILS.....1		--	107709	6' TRI-ENT RAIL W/DECALS A/SOA.....1 (S-125) Asia/South America Models	
10	1487	GATE LATCH CASTING--DRILLED.....1		--	111315	6' TRI-ENT RAIL W/DECALS A/SOA.....1 (S-120) Asia/South America Models	
11	33674	PIN,LOCK,SHORT***.....1		--	107710	8' TRI-ENT RAIL W/DECALS A/SOA (S-125) Asia/South America Models	
12	1488	RAILING CATCH CASTING--DRILLED.....1		--	111316	8' TRI-ENT RAIL W/DECALS A/SOA (S-120) Asia/South America Models	
13	102721P	TOEBOARD,8'TRI ENTRY.....2		18	6145	SCREW,HHC,1/4-20 X 1.5	
--	139438	TOEBOARD, TRI ENTRY 6', EURO		19	6356	WASHER,LOCK,.25	
14	94745P	TOEBOARD,ENTRY EUROPEAN PNTD**.....1		20	75519	CLAMP,WORKLIGHT.....2 <i>to SN 2899</i>	
15	6090	SCREW,HHC,1/4-20 X .75		--	35956	BRACKET,WORK LIGHT MOUNT 5/16" <i>from SN 2900</i>	
16	6638	WASHER,FLAT,USS,1/4"Y		21	5397	WASHER,FLAT,USS,5/16",Y	
17	107704	6' TRI-ENT RAIL W/DECALS ANSI.....1 (S-125) USA/Canada Models; <i>to SN</i> <i>1292</i>		22	10107	SCREW,HHC,5/16-18 X .75	
17	111310	6' TRI-ENT RAIL W/DECALS ANSI.....1 (S-120) USA/Canada Models; <i>to SN</i> <i>1292</i>		23	35958	HOUSING,WORKLIGHT***.....2 <i>to SN 2899</i>	
--	107705	8' TRI-ENT RAIL W/DECALS ANSI (S-125) USA/Canada Models; <i>to SN</i> <i>1292</i>		23A	35960	BULB,WORKLIGHT,12V 35W <i>to SN 2899</i>	
--	111311	8' TRI-ENT RAIL W/DECALS ANSI (S-120) USA/Canada Models; <i>to SN</i> <i>1292</i>		23B	71498	WORKLIGHT, 12V, DEUTSCH RECEPT.....2 <i>from SN 2900</i>	
--	111317	6' TRI-ENT RAIL W/DECALS ANSI.....1 (S-120) USA/Canada Models; <i>from</i> <i>SN 1293</i>					
--	111319	6' TRI-ENT RAIL W/DECALS ANSI.....1 (S-125) USA/Canada Models; <i>from</i> <i>SN 1293</i>					

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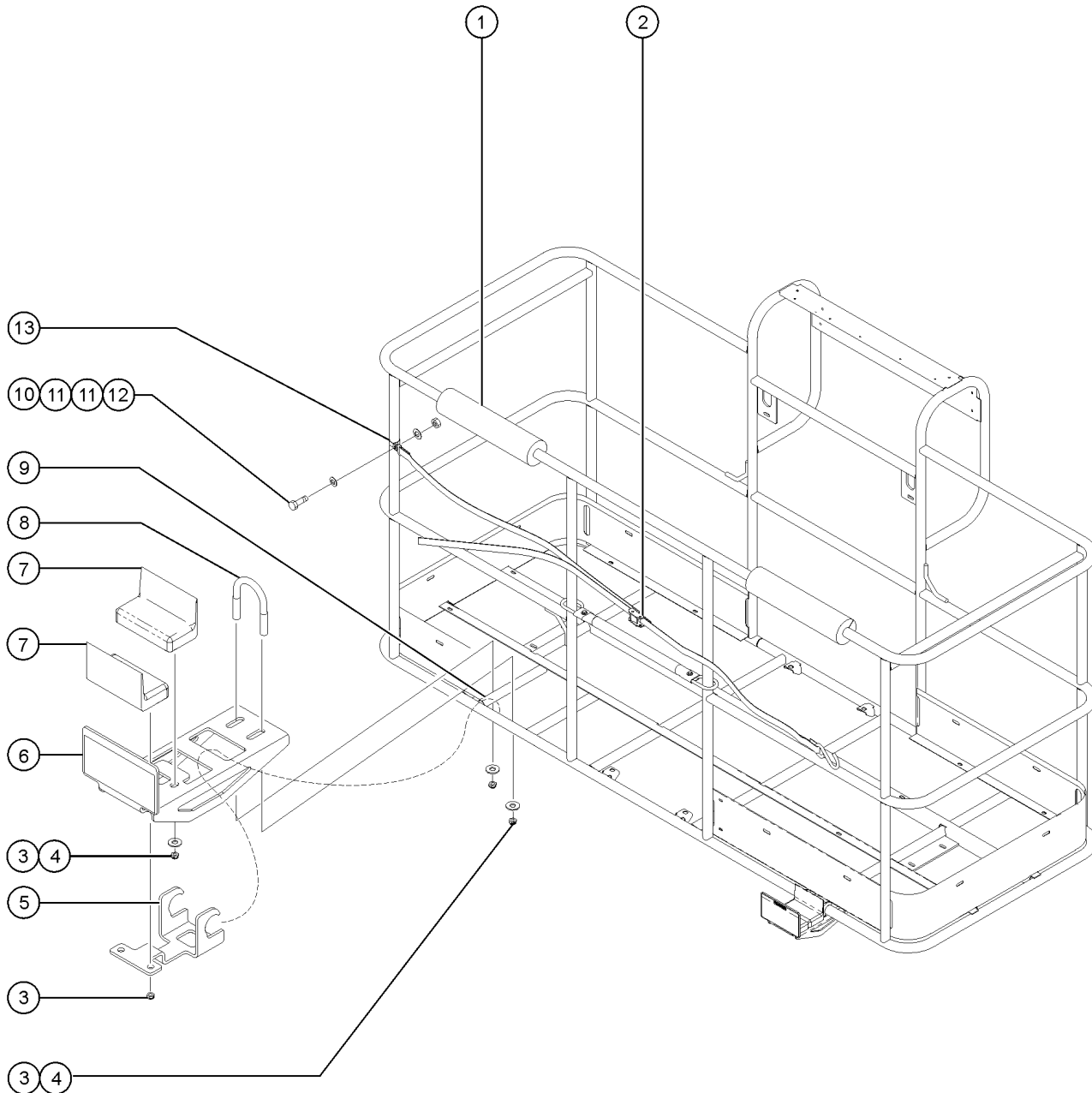
813.1 Air Line to Platform, Heavy Duty Swing Drive



813.1 Air Line to Platform, Heavy Duty Swing Drive

Item	Part No.	Description	Qty.
--	50014	S125 AIRLINE TO PLATFORM	
--	60918	S120 AIRLINE TO PLATFORM	
--	44981	DECAL,LABEL,AIRLINE 110 PSI	
--	102387	OPTION,SWING DRIVE,HD	
1	49215	MPT,CPLR,1/4"SER,3/8"X18.....	1
2	49212	FEMALE BULKHEAD CONNECTOR-8.....	2
3	60886P	BRACKET,AIRLINE TO PLATFORM.....	1
4	4828	NUT,NYLOCK,3/8-16	
5	5397	WASHER,FLAT,USS,5/16",Y	
6	39888-183600	HOSE,1/2,LOW PRESSURE,801-8.....	1
7	122755	UBOLT,FLATTENED,1.5DIAX3/8 UNC	
8	49214	MALE PIPE THD,1/4" SER,3/8"X18.....	1
9	111145	SWING DRIVE ASSEMBLY.....	1
--	62465	SEAL KIT,DRIVE HUB,TURNTBL.ROT	
--	62467	BEARING KIT,TURNTBL.ROT.DRVHUB	
10	60811	BRAKE,TURNTABL ROT ASSY,60751*..... <i>to SN 1609</i>	1
--	62466	SEAL KIT,BRAKE,TURNTABLE ROT	
--	62467	BEARING KIT,TURNTBL.ROT.DRVHUB	
11	111145	SWING DRIVE ASSEMBLY..... <i>to SN 1609</i>	1
--	111145	SWING DRIVE ASSEMBLY <i>from SN 1610</i>	
12	60812	MOTOR,TURNTABL ROT.ASSY.60751..... <i>to SN 1609</i>	1
--	75116	SEAL KIT,TURNTABL.ROT.MOTOR	
13	128447	MANIFOLD,TURNTABLE ROTATION.....	1
14	56843	SCREW,SHC,1/2-13 X 1.50,A574....	2

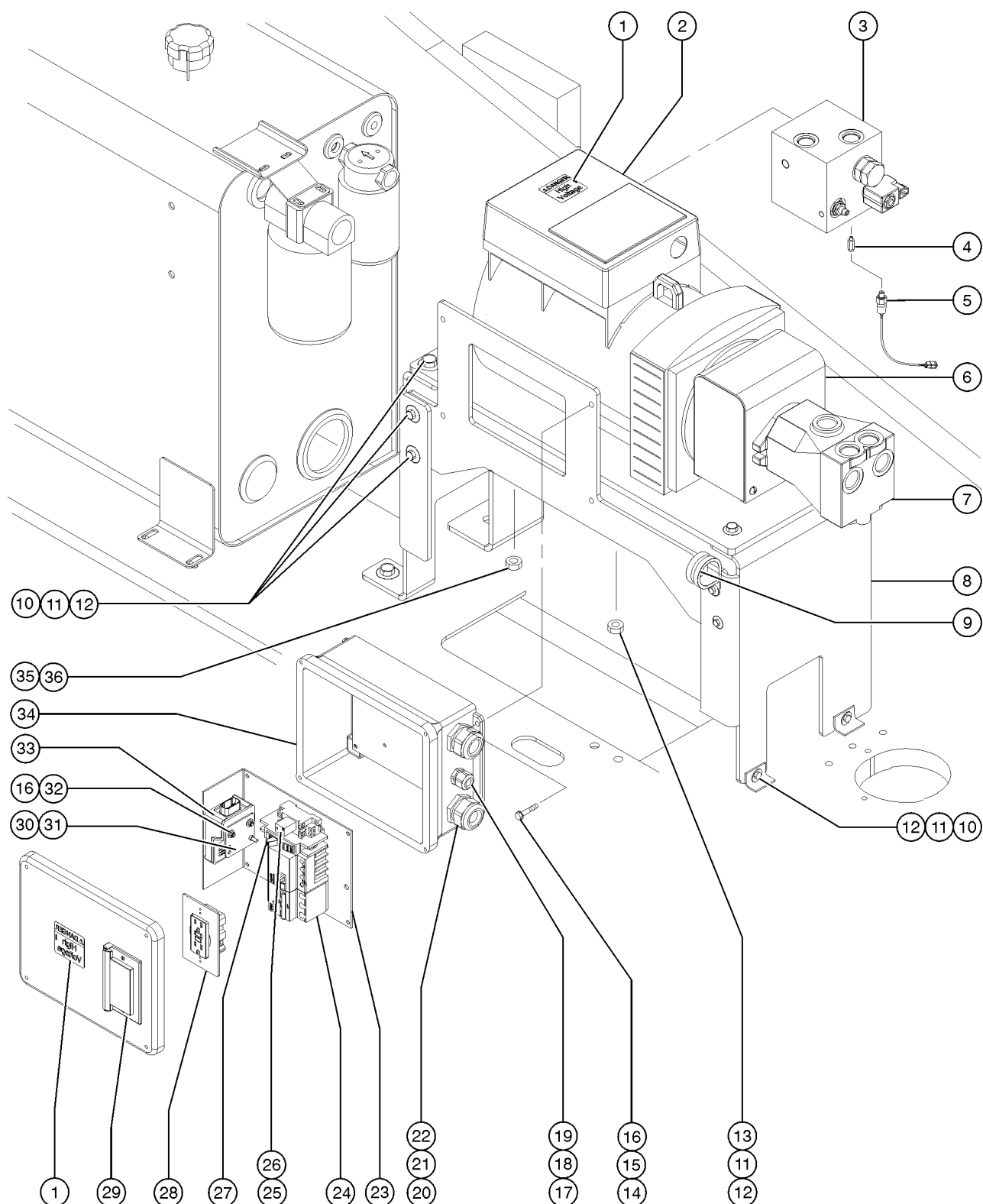
814.1 Panel Cradle Option



814.1 Panel Cradle Option

Item	Part No.	Description	Qty.
--	77683-S	OPTION, GLAZIER PACKAGE, ANSI (ANSI models)	
--	94493-S	KIT, PANEL CRADLE, CE (CE models)	
1	88377-1400	FOAM PAD.....	2
2	77664	ADJUSTABLE STRAP ASSY.....	1
3	7713	NUT, LP NYLOCK, 3/8-16	
4	5397	WASHER, FLAT, USS, 5/16", Y	
5		77576P is no longer available. Must install 2 each (two) of service kit 233992 (ANSI) or 233993 (CE) for initial replacement	
6		89724 is no longer available. Must install 2 each (two) of service kit 233992 (ANSI) or 233993 (CE) for initial replacement.	
--	233992	KIT, PANEL CRADLE BRACKET, WORD.....	1 (ANSI models)
--	233993	KIT, PANEL CRADLE BRACKET, SYMBL.....	1 (CE models)
7	56934	PAD, REST, 1" THICK, FLANGED.....	4
8	122755	UBOLT, FLATTENED, 1.5 DIA X 3/8 UNC.....	2
9	73463-1175	TUBE, RD, ALUM 1.25 X .083.....	2
10	8914	SCREW, HHC, 1/4-20 X .625	
11	6638	WASHER, FLAT, USS, 1/4" Y	
12	6889	NUT, LP NYLOCK, 1/4-20	
13	56424	CLAMP, 1.25 X .5 RUBBER-CUSHION	

815.1 Welder Option, Chassis Components - View 1



815.1 Welder Option, Chassis Components - View 1

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	226507	HARNESS, HYD GENERATOR,SB		--	102390P	PLATE,FRNT,ENCLOSURE ASSY,PNTD	
--	226503	HARNESS, WELD GEN ENCLOSURE		--	102606P	FORMING,LF,GENERATOR 12KW,PNTD	
--	101506	WIRE CABLE,6GA/4 CONDUCTOR		--	102607P	FORMING,RT,GENERATOR 12KW,PNTD	
--	106637	MODULE,TIME DELAY ON BREAK 4S		9	77181	CLAMP,1.63,#26 X 3/8,RUB CUSH	
--	13097	FUSE,10 AMP		10	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5	
--	102746	VALVE,PILOT OPER DIRECTIONAL**		11	6097	WASHER,FLAT,USS,3/8",Y	
--	110220	DECAL,WARNING,WELDER SAFETY		12	4828	NUT,NYLOCK,3/8-16	
--	229404	KIT BONDED WELD LEAD S12 (welder cable kit option only); from SN 3273		13	8516	SCREW,HHC,3/8-16 X 1.50,GR5	
--	229385	CABLE,4/0 WELD LEAD,TWIN S125 (part of kit option 229404); from SN 3273		14	6888	SCREW,HHC,1/4-20 X 1	
--	229403	KIT BONDED WELD LEAD S120 (welder cables kit option only); from SN 3273		15	6638	WASHER,FLAT,USS,1/4"Y	
--	229384	CABLE,4/0 WELD LEAD,TWIN S120 (part of kit option 229403); from SN 3273		16	6889	NUT,LP NYLOCK,1/4-20	
1	82237	DECAL,DANGER,HIGH VOLTAGE.....	2	17	7056	CONN,SQUEEZE,1/2NPT .38-.50,SM.....	1
2	106113	GENERATOR,HYDRO-12KEP-21-3*** includes item 7	1	18	6935	LOCKNUT,ELEC,1/2".....	1
--	106274	GENERATOR,12.5 KW,W/O MOTOR***		19	56237	O-RING,ORFS,-12.....	1
--	110344	BRUSH BOX,ASSY,GEN		20	20776	CABLE SQUEEZE CONN.....	2
--	122300	COVER,WELDER GENERATOR		21	18665	LOCKNUT,ELECTRIC,1" NPT.....	2
--	21187	PLUG,NYLON 1.38 BLACK DOMED		22	106104	O-RING,SEAL RING,1" NPT.....	2
--	T113655	COUPLING, 28MM (106113)		23	102314	PANEL, ENCLOSURE, LINCO WELDER.....	1
--	T114022	SPIDER (106113)		24	106477	GFI/CIRCUIT BREAKER ASSEMBLY.....	1
--	T114023	COUPLING (106113)		25	33608	RELAY,SOCKET,OMRON.....	1
3		MANIFOLD,DRIVE OIL DIVERter*** (refer to 818.1)	1	26	33607	RELAY,OMRON,DPDT,12V.....	1
4	146285	CONN, SAE#4-1/4" NPT.....	1	27	106073	CIRCUIT BREAKER,20A,SINGLE PH.....	1
5	146284	SWITCH,PRESS,#4NPT,200PSIF....	1	28	80543	RECEPTACLE, 120VAC, 20A, GFCI.....	1
6	T111766	MOTOR MOUNT COUPLER (106274).....	1	29	74006	COVER,GFCI,HORIZONTAL,WEATHER. includes mounting hardware	1
7	106184	MOTOR,HYD 12.5KW GEN,21CC***.....	1	30	106140	BRACKET,1K OHM 10-TURN POT.....	1
--	162006	SEAL KIT,HYD MOTOR(106184)		31	102357	RESISTOR ASSY, LINCOLN WELDER.....	1
8	102359P	PLATE, TOP, GENERATOR 12KW,PNTD.....	1	32	36294	SCREW,HHC,1/4-20 X 2.75	
				33	106658	MODULE,SX CONTROLLER,LOW AMP	
				34	229346	ASSY,ENCLOSURE,WELDER GEN.....	1
				35	6782	NUT,NYLOCK,5/16-18	

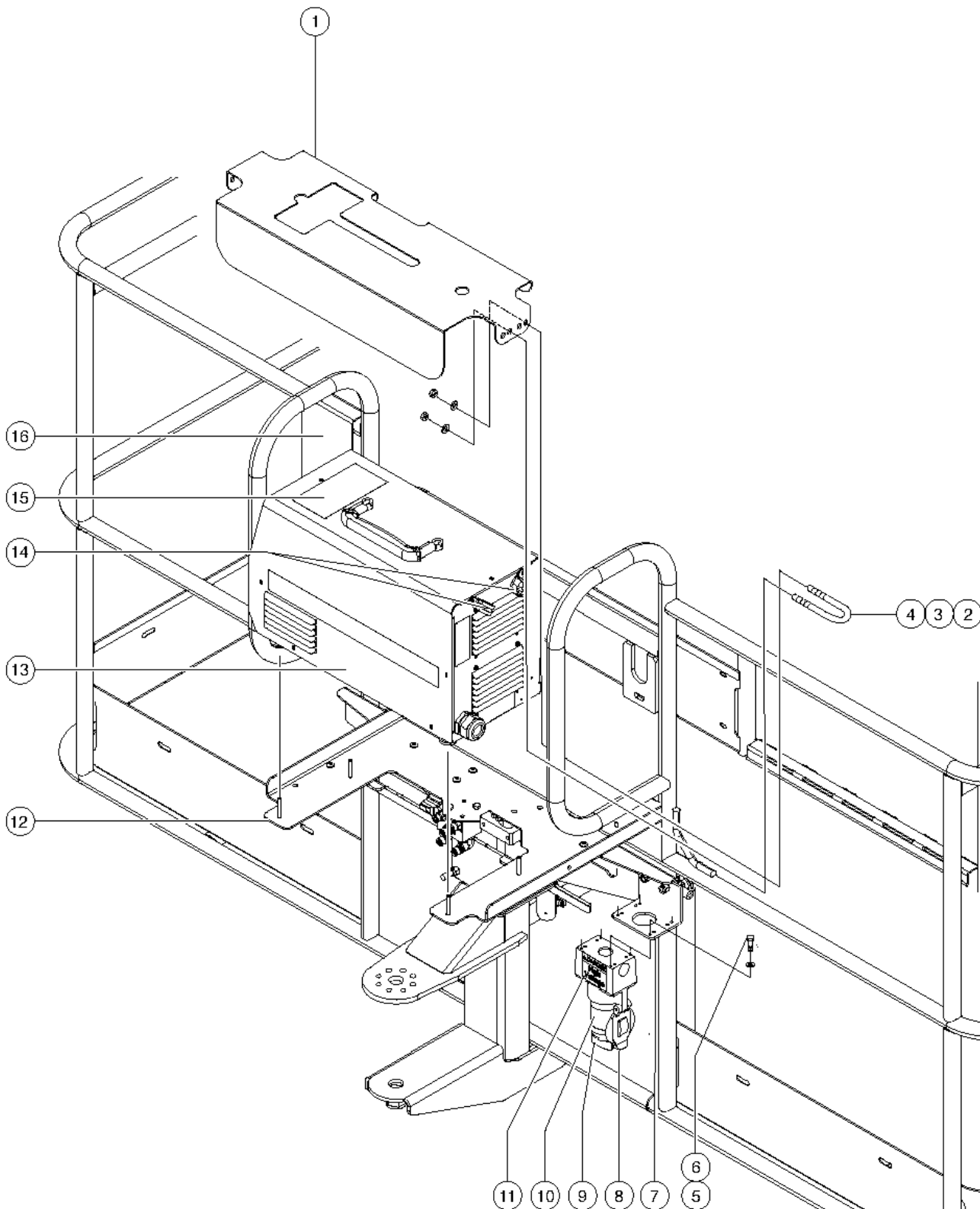
815.1 Welder Option, Chassis Components - View 1
(continued)

Item	Part No.	Description	Qty.
36	13002	SCREW,HHC,5/16-18 X 1 GR5	

815.1 Welder Option, Chassis Components - View 1
(continued)

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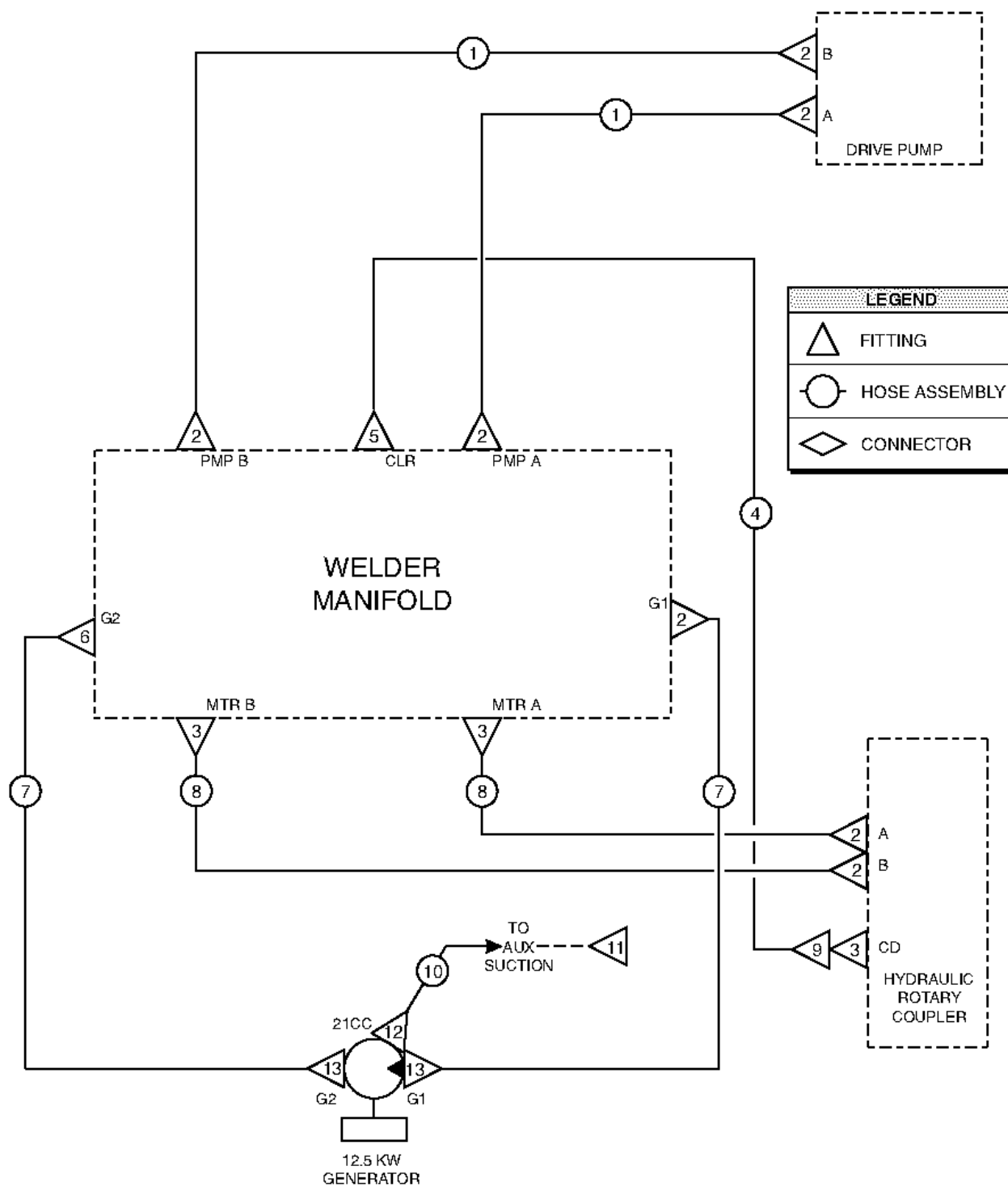
816.1 Welder Option, Platform Components - View 2



816.1 Welder Option, Platform Components - View 2

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	88406	FIRE EXTINGUISHER		11	82237	DECAL,DANGER,HIGH VOLTAGE.....	2
--	82862	DECAL,FIRE EXTINGUISHER		12	102408P	BRACKET,LINCOLN WELDER,PNTD.....	1
--	97579	DECAL,DANGER,TIP-OVER,WELDER**		--	102409P	BRACKET,WELDER MNT SUPPORT,PNT	
--	133518	DECAL, PATCH, GEN,ALC-500		--	106043	SCREW,SECURITY,5/16-18X1.00	
--	101547P	BRACKET,WELDER SUPPORT,PNT		--	106044	U-BOLT,3/8-16X4X4.63X3.00	
--	28443	CABLE TIE,11.5" BLACK		--	4828	NUT,NYLOCK,3/8-16	
--	110276-3600	FIRE SLEEVE, 1.25".....1 (S-120)	1	--	5397	WASHER,FLAT,USS,5/16",Y	
--	110276-5800	FIRE SLEEVE, 1.25".....1 (S-120)	1	--	6782	NUT,NYLOCK,5/16-18	
--	110276-7000	FIRE SLEEVE, 1.25".....1 (S-120)	1	13	101525	WELDER INVERTEC V275-S.....	1
--	110276-1500	FIRE SLEEVE, 1.25".....2 (S-120 and S-125)	2	--	106141	SCREW,SECURITY,1/4-20 X 1.75LG	
--	110276-1200	FIRE SLEEVE, 1.25".....2 (S-125)	2	--	106183	FUSE,.6AMP,250V,WELDER,V275S	
--	110276-2400	FIRE SLEEVE, 1.25",24"L.....1 (S-125)	1	--	106275	KIT,WELD LEADS ASSY,V275S includes both cables	
--	110276-2500	FIRE SLEEVE, 1.25".....1 (S-125)	1	14	18666	CLAMP,1.00,#16 X 1/4,RUB CUSH.....	2
--	110276-4000	FIRE SLEEVE, 1.25".....1 (S-125)	1	15	110220	DECAL,WARNING,WELDER SAFETY.....	1
--	110276-4600	FIRE SLEEVE, 1.25".....1 (S-125)	1	16	106204	BRACKET,V275S WELD LEADS.....	1
--	110277-4500	FIRE SLEEVE, 2.0".....1 (S-125)	1				
Q	229925	ADAPTER,WELDER,208-220					
1	101547P	BRACKET,WELDER SUPPORT,PNT					
2	5397	WASHER,FLAT,USS,5/16",Y					
3	4828	NUT,NYLOCK,3/8-16					
4	122755	UBOLT,FLATTENED,1.5DIAX3/8 UNC.....	2				
5	47363	SCREW,RHM,8-32 X .50					
6	35461	WASHER,FLAT,MS,#8,Y					
7	101731P	BRACKET,POWER TO PLAT TBOX,PNT.....	1				
--	4828	NUT,NYLOCK,3/8-16					
--	5397	WASHER,FLAT,USS,5/16",Y					
--	6550	U-BOLT,3/8 X 1 YZ					
8	101732	COVER,WEATHERPROOF 3-PHASE					
9	106112	PLUG,4-WIRE,3-PHASE,50A.....	1				
10	106110	T-BOX,2.75X4.5X2.63,3PH.....	1				
--	106111	RECEPTCL,LOCK 3-PH,50A,4 WIRE					

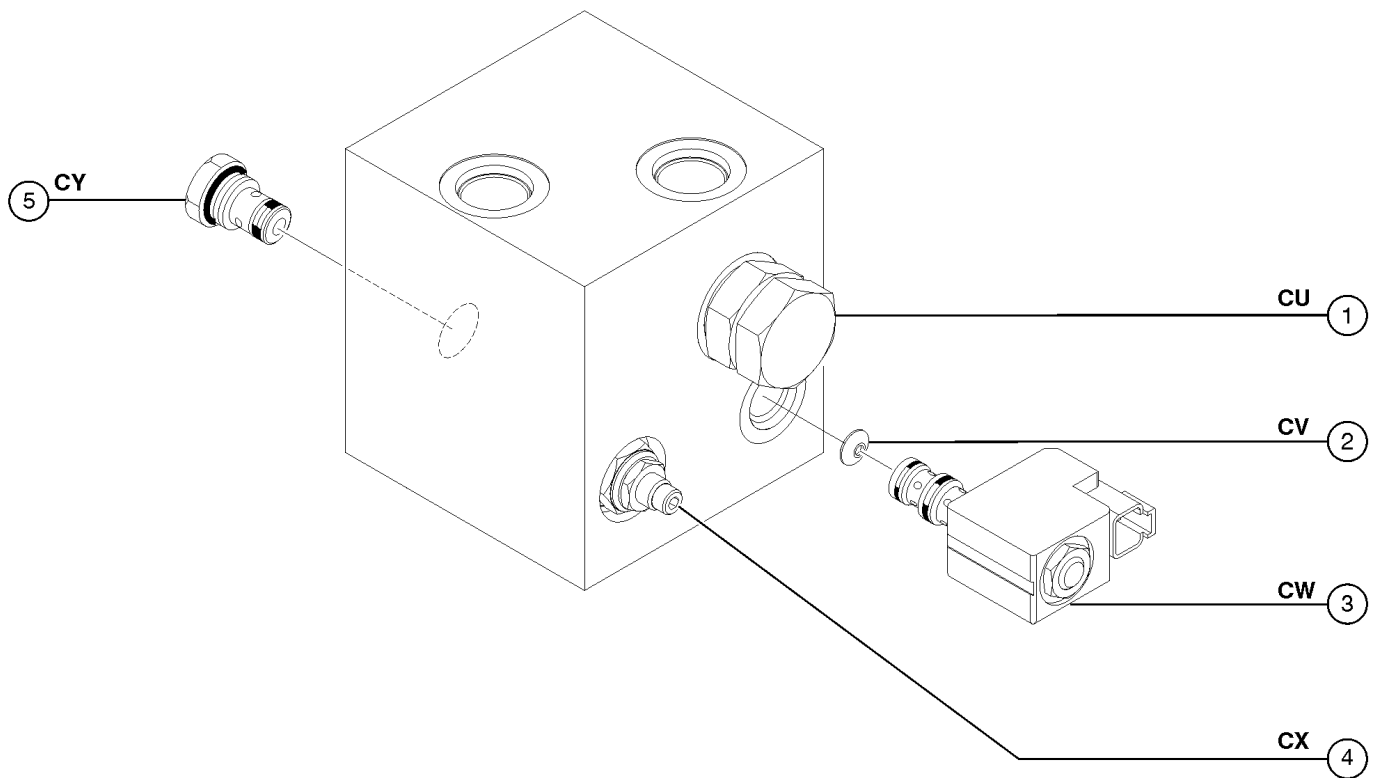
817.1 Welder Option, Hoses and Fittings - View 3



817.1 Welder Option, Hoses and Fittings - View 3

Item	Part No.	Description	Qty.
1	61134-7033	HOSE ASSY 3/4,90 FEM STR FEM.....	2
2	48963	FITTING,ELBOW,45D,520320-12***	7
3	48960	FITTING,CONN,520120-12.....	3
4	49142-7062	HOSE ASSEMBLY,1/2".....	1
5	48933	CONN,520120-8***.....	1
6	48959	FITTING,ELBOW,90D,520220-12....	1
7	102312-2088	HOSE ASSEMBLY,3/4",-10-12 90F,.....	2
8	102313-4626	HOSE ASSY,3/4,45 FEM,STR FEM.....	2
9	48964	FITTING,TEE,RUN,SWIVEL52043212	1
10	49143-5629	HOSE ASSY,1/2,90 FEM,STR FEMM.....	1
11	48938	FITTING,TEE,RUN,SWIVEL520432-8	1
12	48948	CONN,520120-8-12.....	1
13	48958	CONN,520120-10-12.....	2

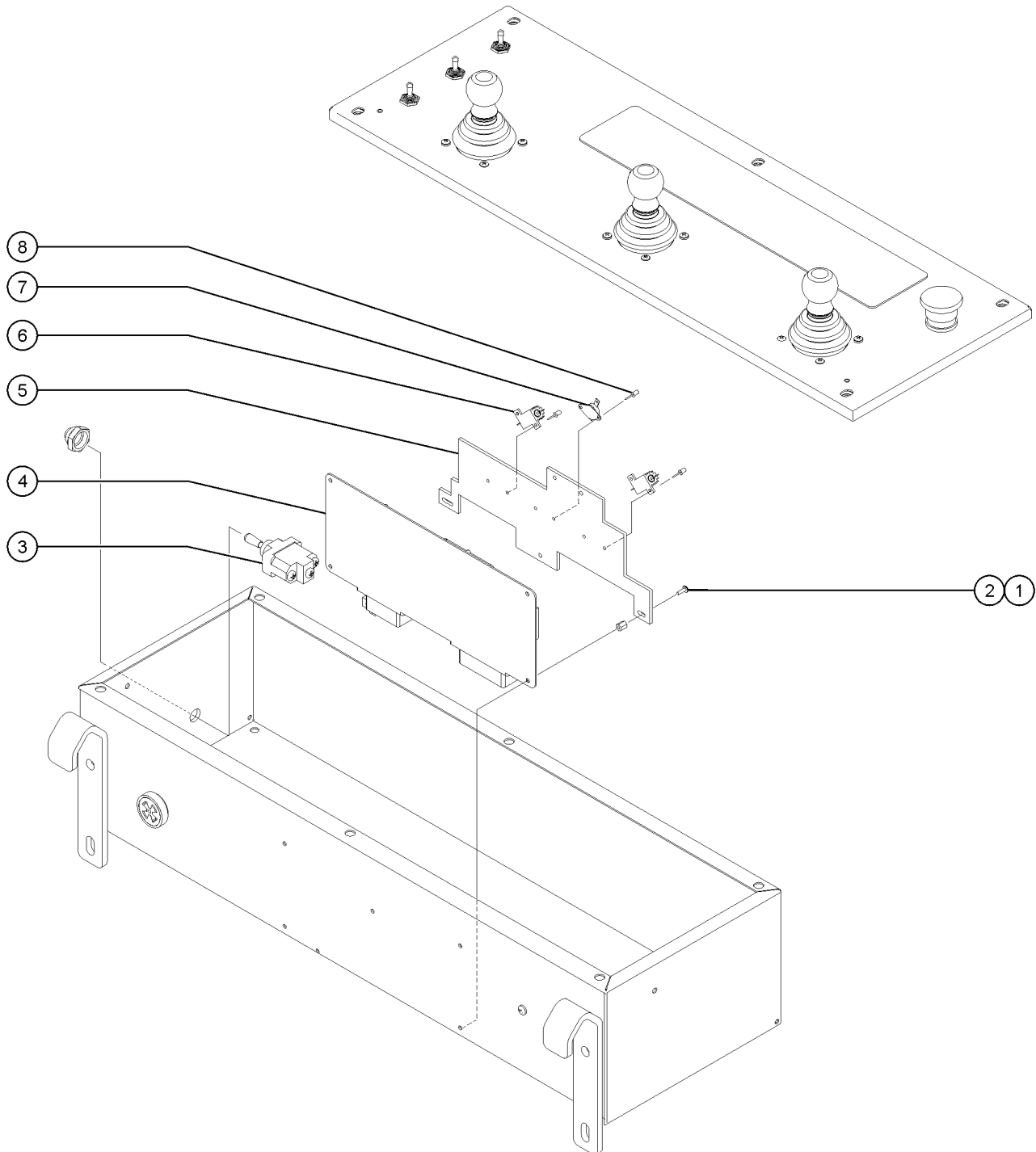
818.1 Welder Option, Oil Diverter Manifold - View 4



818.1 Welder Option, Oil Diverter Manifold - View 4

Item	Part No.	Description	Qty.
--	101516	MANIFOLD,DRIVE OIL DIVERTER*** (complete)	
1	102746	VALVE,PILOT OPER DIRECTIONAL** CU, Diverter valve	
2	106394	ORIFICE DISC,.030,CONE CV, Delays shift to drive	
3	94760	VALVE-SOLENOID,10V,W/OUT COIL* CW, Pilot valve to diverter	
--	128419	Seal Kit	
--	94759	NUT,SOLENOID	
--	94765	COIL-10V DC***	
4	122302	RELIEF,VALVE 270 PSI CX, Charge pressure circuit	
--	128416	Seal Kit	
5	94757	VALVE,CHECK,3 PSI*** CY, Prevents oil flow to generator	
--	128416	Seal Kit	

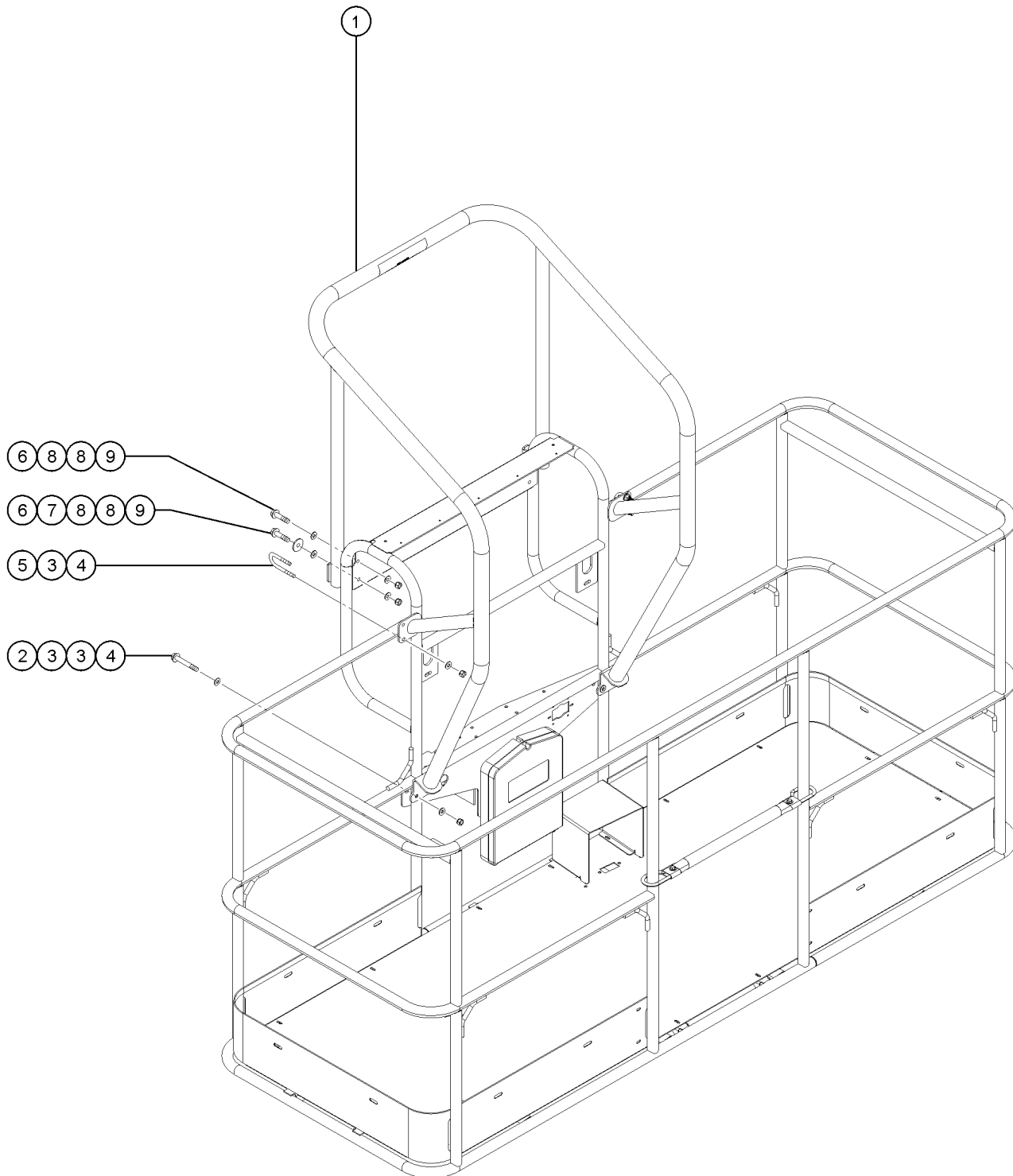
819.1 Circuit Board Heater Option



819.1 Circuit Board Heater Option

Item	Part No.	Description	Qty.
--	119662	ACCESS PBOX HEATER ALC500/1000 to SN 2171	
--	122736	ACCESS PBOX HEATER S100/120 from SN 2172	
1	81551	SCREW,PHIL,PHM,6-32 X 1/4 SS...4	
2	119534	STANDOFF,1/4X1/4 M-F 6-32 S/S.....4	
3	128204	SWITCH TOGGLE ASSY SPDT 2P MNT	
--	T115352	DECAL,OPTION CONTROL BOX HEATR	
4		Ref. PCB Assembly, PCON (refer to 603.1)	
5	119250	BRACKET,PLATFORM HEATER OPT.....1 to SN 2171	
--	122723	BRACKET,PLATFORM HEATER OPTION from SN 2172	
6	27287	RESISTOR,10 OHM,25 WATT.....2	
7	119641	SWITCH,THERMOSTAT 85F OPEN.....1	
8	6272	RIVET,STL,ST.MAN,P,.125 X .25	

820.1 Operator Protection Structure (from SN 792)



820.1 Operator Protection Structure (from SN 792)

Item	Part No.	Description	Qty.
1	219158	ACCESSORY, OPERATOR PROT STRUCT.....1 <i>(Complete) includes all fasteners</i>	1
2	8178	SCREW, HHC, 3/8-16 X 2.5.....4	4
3	6097	WASHER, FLAT, USS, 3/8", Y.....12	12
4	4828	NUT, NYLOCK, 3/8-16.....8	8
5	122755	UBOLT, FLATTENED, 1.5 DIA X 3/8 UNC.....2	2
6	6888	SCREW, HHC, 1/4-20 X 1.....4	4
7	15086	WASHER, FLAT, .375 X 1.5 X .125....2 <i>Use only with the platform control box cover option</i>	2
8	6638	WASHER, FLAT, USS, 1/4" Y.....8	8
9	6091	NUT, NYLOCK, 1/4-20.....4	4

Part Number Index

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12342	6-4 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE	42794	1 CR-S	ELBOW,90°,MALE PIPE
13757	4 R6X-S	RUN TEE,SWIVEL NUT,ORFS	42795	BV-0839	BALL VALVE
19685	12-10 C5OX-S	ELBOW,90°,STRAIGHT THREAD TO FLARE TUBE	42796	BV-0838	BALL VALVE
22664	12-10 C5OX	ELBOW,90°,STRAIGHT THREAD TO FLARE TUBE	42874	6-8 CLO-S	ELBOW,90°,MALE PIPE TO ORFS
27431	8-12 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE	42912	13943-6-4	HOSE END,90° FEMALE SWIVEL,JIC
28678	AS-B-33	SLEEVE,NYLON,1.81" ID	42920	BV-0840	BALL VALVE,90°
39871	6 WETX-WLN-S	UNION,90° BULKHEAD W/NUT,FLARE TUBE	42932	AS-B-17	SLEEVE,NYLON,1.22" ID
39872	4 R5OX-S	RUN TEE,STRAIGHT THREAD	42936	10243-2-4	HOSE END,FEMALE PIPE
39873	6 C5OX-S	ELBOW,90°,STRAIGHT THREAD TO FLARE TUBE	42953	1/2 DD-S	ELBOW,90°,FEMALE PIPE
39874	8-6 C5OX-S	ELBOW,90°,STRAIGHT THREAD TO FLARE TUBE	42956	6 WELO-WLNL-S	UNION,90° BULKHEAD W/NUT,ORFS
39875	4-6 C5OX-S	ELBOW,90°,STRAIGHT THREAD TO FLARE TUBE	45349	8 V5OX-S	ELBOW,45°,STRAIGHT THREAD TO FLARE TUBE
39876	6-8 C5OX-S	ELBOW,90°,STRAIGHT THREAD TO FLARE TUBE	45351	4 V5OX-S	ELBOW,45°,STRAIGHT THREAD TO FLARE TUBE
39877	4 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE	47223	10343-6-6	HOSE END,MALE,JIC
39878	6 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE	47419	PS690503-6-6	SWIVEL,90°,STRAIGHT THREAD TO 37° FLARE
39879	4-8 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE	48750	421-4	HOSE,1/4 INCH ID
39880	6-10 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE	48751	481TC-4	HOSE,1/4 INCH ID
39881	4-6 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE	48752	482TC-4	HOSE,1/4 INCH ID
39882	4-HP5ON-S	PLUG,STRAIGHT THREAD	48753	451TC-6	HOSE,3/8 INCH ID
39883	8-8 FTX-S	CONNECTOR,MALE PIPE TO FLARE TUBE	48754	482TC-6	HOSE,3/8 INCH ID
39885	269HB 12-12	ELBOW,90°,BEADED HOSE BARB TO MALE PIPE	48755	381-6	HOSE,3/8 INCH ID
39886	431-6	HOSE,3/8 INCH ID	48756	451TC-8	HOSE,1/2 INCH ID
39887	540N-2	HOSE,1/8 INCH ID	48757	482TC-8	HOSE,1/2 INCH ID
39888	801-8	HOSE,1/2 INCH ID	48758	381-8	HOSE,1/2 INCH ID
39889	801-12	HOSE,3/4 INCH ID	48759	381-10	HOSE,5/8 INCH ID
39890	10643-6-6	HOSE END,FEMALE SWIVEL,JIC	48760	451TC-10	HOSE,5/8 INCH ID
39891	13943-6-6	HOSE END,90° FEMALE SWIVEL,JIC	48761	482TC-12	HOSE,3/4 INCH ID
39892	13743-6-6	HOSE END,45° FEMALE SWIVEL,JIC	48762	451TC-12	HOSE,3/4 INCH ID
39894	30682-8-8	HOSE END,FEMALE SWIVEL,JIC	48763	772-12	HOSE,3/4 INCH ID
39895	30682-10-12	HOSE END,FEMALE SWIVEL,JIC	48764	881-16	HOSE,1 INCH ID
42286	8-8 CTX-S	ELBOW,90°,MALE PIPE TO FLARE TUBE	48765	772-16	HOSE,1 INCH ID
42756	8-12 CLO-S	ELBOW,90,MALE PIPE TO ORFS	48766	AS-B-15	SLEEVE,NYLON,1.06" ID
42757	8-12 FLO-S	CONNECTOR,MALE PIPE TO ORFS	48767	AS-B-22	SLEEVE,NYLON,1.42" ID
42758	4 JLO-S	UNION TEE,ORFS	48770	881-8	HOSE,1/2 INCH ID
42759	4-4 FLO-S	CONNECTOR,MALE PIPE TO ORFS			
42760	6-8 FLO-S	CONNECTOR,MALE PIPE TO ORFS			
42761	1J143-6-4	HOSE END,90° FEMALE SWIVEL,SEAL LOK			
42762	1J743-6-4	HOSE END,45° FEMALE SWIVEL,SEAL LOK			
42768	1JO43-4-4	HOSE END,MALE,SEAL LOK			
42776	601-8	HOSE,1/2 INCH ID			
42777	1J743-16-16	HOSE END,45° FEMALE SWIVEL,SEAL LOK			
42786	16 CLO-S	ELBOW,90°,MALE PIPE TO ORFS			
42787	16 R6LO-S	RUN TEE,SWIVEL NUT,ORFS			
42788	16-8 TRLO-BL-S	REDUCER,TUBE END TO SWIVEL,ORFS			
42789	6-6 CLO-S	ELBOW,90°,MALE PIPE TO ORFS			
42790	8-10 V5OLO-S	ELBOW,45°,STRAIGHT THREAD TO ORFS			
42791	3/4 CD-S	ELBOW,90°,MALE TO FEMALE PIPE			
42792	3/4 X 1/2 PTR-S	REDUCER,MALE TO FEMALE PIPE			
42793	1/2 CR-S	ELBOW,90°,MALE PIPE			

Fitting Cross References (Continued)

Genie PN	Parker PN	Description
48771	881-10	HOSE, 5/8 INCH ID
48772	381-4	HOSE, 1/4 INCH ID
48773	AS-B-13	SLEEVE, NYLON, .86" ID
48800	1JC43-4-4	HOSE END, FEMALE SWIVEL, SEAL LOK
48801	1J743-4-4	HOSE END, 45° FEMALE SWIVEL, SEAL LOK
48802	1J943-4-4	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
48804	1JM43-4-4	HOSE END, MALE, SEAL LOK, NO O-RING
48805	10643-4-4	HOSE END, FEMALE SWIVEL, JIC
48806	13943-4-4	HOSE END, 90° FEMALE SWIVEL, JIC
48807	1JS43-4-4	HOSE END, FEMALE SWIVEL, SEAL LOK
48808	3JC82-8-8	HOSE END, FEMALE SWIVEL, SEAL LOK
48809	3JC82-12-12	HOSE END, FEMALE SWIVEL, SEAL LOK
48810	1JC43-6-4	HOSE END, FEMALE SWIVEL, SEAL LOK
48811	1J943-6-4	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
48812	1JC43-6-6	HOSE END, FEMALE SWIVEL, SEAL LOK
48813	1J143-6-6	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
48814	1J543-6-6	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
48815	1J743-6-6	HOSE END, 45° FEMALE SWIVEL, SEAL LOK
48816	1J943-6-6	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
48817	1JS43-6-8	HOSE END, FEMALE SWIVEL, SEAL LOK
48818	1J943-8-4	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
48819	1JC43-8-6	HOSE END, FEMALE SWIVEL, SEAL LOK
48820	1J743-8-6	HOSE END, 45° FEMALE SWIVEL, SEAL LOK
48821	1J943-8-6	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
48822	1JC43-8-8	HOSE END, FEMALE SWIVEL, SEAL LOK
48823	1JS43-8-8	HOSE END, FEMALE SWIVEL, SEAL LOK
48824	1J143-8-8	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
48825	1J543-8-8	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
48826	1J743-8-8	HOSE END, 45° FEMALE SWIVEL, SEAL LOK
48827	1J943-8-8	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
48828	1JC43-10-8	HOSE END, FEMALE SWIVEL, SEAL LOK
48829	1JS43-10-8	HOSE END, FEMALE SWIVEL, SEAL LOK
48830	1J743-10-8	HOSE END, 45° FEMALE SWIVEL, SEAL LOK
48831	1J943-10-8	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
48833	1JC43-10-10	HOSE END, FEMALE SWIVEL, SEAL LOK
48834	1J943-10-10	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
48835	1JS43-10-12	HOSE END, FEMALE SWIVEL, SEAL LOK
48836	1JC43-12-8	HOSE END, FEMALE SWIVEL, SEAL LOK
48837	1JS43-12-8	HOSE END, FEMALE SWIVEL, SEAL LOK
48838	1J743-12-8	HOSE END, 45° FEMALE SWIVEL, SEAL LOK
48839	1J943-12-8	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
48840	1J943-12-10	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
48841	1JC43-12-12	HOSE END, FEMALE SWIVEL, SEAL LOK
48842	1JO43-12-12	HOSE END, MALE, SEAL LOK
48843	1J143-12-12	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
48844	1J543-12-12	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
48845	1J743-12-12	HOSE END, 45° FEMALE SWIVEL, SEAL LOK
48846	1J943-12-12	HOSE END, 90° FEMALE SWIVEL, SEAL LOK

Genie PN	Parker PN	Description
48847	13943-12-12	HOSE END, 90° FEMALE SWIVEL, JIC
48848	10543-12-12	HOSE END, MALE, STRAIGHT THREAD
48849	1JC71-12-12	HOSE END, FEMALE SWIVEL, SEAL LOK
48850	1JS71-12-12	HOSE END, FEMALE SWIVEL, SEAL LOK
48851	1J171-12-12	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
48852	1J771-12-12	HOSE END, 45° FEMALE SWIVEL, SEAL LOK
48853	1J971-12-12	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
48854	1JC43-16-16	HOSE END, FEMALE SWIVEL, SEAL LOK
48855	1J943-16-16	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
48856	1J171-16-16	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
48857	1J971-16-16	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
48859	1JS43-8-4	HOSE END, FEMALE SWIVEL, SEAL LOK
48867	PD36BTL	DIAGNOSTIC NIPPLE, SEAL-LOK SWIVEL
48873	6 PNLO-S	PLUG, TUBE END, ORFS
48874	6 PNTX-S	PLUG, FLARE TUBE
48875	6 R6LO-S	RUN TEE, SWIVEL NUT, ORFS
48877	4 F5OLO-SW.025	CONNECTOR, STRAIGHT THREAD TO ORFS, W/.025 ORI
48878	16-12 C5OLO-S	ELBOW, 90°, STRAIGHT THREAD TO ORFS
48879	8 C6LO-S	ELBOW, 90°, SWIVEL NUT ORFS
48880	PD6-285	CAP, DIAGNOSTIC NIPPLE
48881	6 HLO-S	UNION, ORFS
48883	8 P5ON-S	PLUG, STRAIGHT THREAD
48884	8M18F87OMLO-S	CONNECTOR, METRIC, STRAIGHT THREAD TO ORFS
48885	4 WGTX-WLN-S	CONNECTOR, BULKHEAD, FEMALE PIPE TO FLARE TUBE
48886	4 F5OLO-SW/2MM	CONNECTOR, MACHINED STRAIGHT THREAD TO ORFS
48887	4 CTX-S	ELBOW, 90°, MALE PIPE TO FLARE TUBE
48888	10-12 V5OLO-S	ELBOW, 45°, STRAIGHT THREAD TO ORFS
48890	4 S5OLO-S	BRANCH TEE, STRAIGHT THREAD TO ORFS
48891	4 S6LO-S	BRANCH TEE, SWIVEL NUT TO ORFS

Fitting Cross References (Continued)

Genie PN	Parker PN	Description	Genie PN	Parker PN	Description
48892	6 C6LO-S	ELBOW,90°,SWIVEL NUT ORFS	48938	8 R6LO-S	RUN TEE,SWIVEL NUT,ORFS
48893	6 F5OHAO-S	UNION,STRAIGHT THREAD	48939	8 S6LO-S	BRANCH TEE,SWIVEL NUT TO ORFS
48894	8 WLO-WLNL-S	UNION,BULKHEAD,ORFS	48940	8 WJJLO-WLNL-S	RUN TEE, BULKHEAD,ORFS
48895	DT-370-MSMO-5	VALVE,CHECK	48941	8-4 TRLO-S	REDUCER,TUBE END TO SWIVEL,ORFS
48896	6 JLO-S	UNION,TEE,ORFS	48942	8-6 C5OLO-S	ELBOW,90°,STRAIGHT THREAD TO ORFS
48897	DT-750-MSMS-5	VALVE,CHECK	48943	8-6 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
48898	DT-750-MOMS-5	VALVE,CHECK	48944	8-8 FLO-S	CONNECTOR,MALE PIPE TO ORFS
48899	DT-620-MOMS-5	VALVE,CHECK	48945	8 FTX-S	CONNECTOR,MALE PIPE TO FLARE TUBE
48900	4-6 F5OLO-SW/.035	CONNECTOR,STRAIGHT THREAD TO ORFS, W/.035 ORI	48946	8-10 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
48902	16-1 AOE4G-S	ELBOW,90° LONG,FEMALE PIPE TO STRAIGHT THREAD	48947	8-12 C5OLO-S	ELBOW,90°,STRAIGHT THREAD TO ORFS
48903	1 FF-S	NIPPLE,PIPE	48948	8-12 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
48904	4 C5OLO-S	ELBOW,90°,STRAIGHT THREAD TO ORFS	48949	8-16 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
48905	4 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS	48950	10 C5OLO-S	ELBOW,90°,STRAIGHT THREAD TO ORFS
48906	4 R5OLO-S	RUN TEE,STRAIGHT THREAD	48951	10 CC5OLO-S	ELBOW,90° LONG,STRAIGHT THREAD TO ORFS
48907	4 V5OLO-S	ELBOW,45°,STRAIGHT THREAD TO ORFS	48952	10 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
48908	4 R6LO-S	RUN TEE,SWIVEL NUT,ORFS	48953	10 R5OLO-S	RUN TEE,STRAIGHT THREAD
48909	4 WJJLO-WLNL-S	RUN TEE, BULKHEAD,ORFS	48954	10 S5OLO-S	BRANCH TEE,STRAIGHT THREAD TO ORFS
48910	4 GTX-S W/.030	CONNECTOR,FEMALE PIPE TO FLARE TUBE	48955	10 R6LO-S	RUN TEE,SWIVEL NUT,ORFS
48911	4-6 C5OLO-S	ELBOW,90°,STRAIGHT THREAD TO ORFS	48956	10-4 TRLO-BL-S	REDUCER,TUBE END TO SWIVEL,ORFS
48912	4-6 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS	48957	10-6 TRLO-BL-S	REDUCER,TUBE END TO SWIVEL,ORFS
48913	4-6 F5OLO-SW/.030	CONNECTOR,STRAIGHT THREAD TO ORFS, W/.030 ORI	48958	10-12 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
48914	4-8 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS	48959	12 C5OLO-S	ELBOW,90°,STRAIGHT THREAD TO ORFS
48915	6 C5OLO-S	ELBOW,90°,STRAIGHT THREAD TO ORFS	48960	12 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
48916	6 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS	48961	12 R5OLO-S	RUN TEE,STRAIGHT THREAD
48917	6 FF5OLO-S	CONNECTOR,LONG,STRAIGHT THREAD TO ORFS	48962	12 S5OLO-S	BRANCH TEE,STRAIGHT THREAD TO ORFS
48918	6 R5OLO-S	RUN TEE,STRAIGHT THREAD	48963	12 V5OLO-S	ELBOW,45°,STRAIGHT THREAD TO ORFS
48919	6 S5OLO-S	BRANCH TEE,STRAIGHT THREAD TO ORFS	48964	12 R6LO-S	RUN TEE,SWIVEL NUT,ORFS
48920	6 V5OLO-S	ELBOW,45°,STRAIGHT THREAD TO ORFS	48965	12 CLO-S	ELBOW,90°,MALE PIPE TO ORFS
48921	6 FLO-S	CONNECTOR,MALE PIPE TO ORFS	48966	12 FLO-S	CONNECTOR,MALE PIPE TO ORFS
48922	6-6 FLO-S	CONNECTOR,MALE PIPE TO ORFS	48967	12 JLO-S	UNION TEE,ORFS
48923	6 P5ON-S	PLUG,STRAIGHT THREAD	48968	12 WLO-WLNL-S	UNION,BULKHEAD,ORFS
48925	6 WELO-S	UNION,90° BULKHEAD,ORFS	48969	12 WJJLO-WLNL-S	RUN TEE, BULKHEAD,ORFS
48926	6-4 C5OLO-S	ELBOW,90°,STRAIGHT THREAD TO ORFS	48970	12 WELO-WLNL-S	UNION,90° BULKHEAD W/NUT,ORFS
48927	6-4 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS			
48928	6-4 V5OLO-S	ELBOW,45°,STRAIGHT THREAD TO ORFS			
48929	6-8 C5OLO-S	ELBOW,90°,STRAIGHT THREAD TO ORFS			
48930	6-8 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS			
48931	6-10 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS			
48932	8 C5OLO-S	ELBOW,90°,STRAIGHT THREAD TO ORFS			
48933	8 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS			
48934	8 FF5OLO-S	CONNECTOR,LONG,STRAIGHT THREAD TO ORFS			
48935	8 R5OLO-S	RUN TEE,STRAIGHT THREAD			
48936	8 S5OLO-S	BRANCH TEE,STRAIGHT THREAD TO ORFS			
48937	8 V5OLO-S	ELBOW,45°,STRAIGHT THREAD TO ORFS			

Fitting Cross References (Continued)

Genie PN	Parker PN	Description	Genie PN	Parker PN	Description
48971	12 G5G5JG5-S	TEE,FEMALE STRAIGHT THREAD	49612	PKT02586	O-RING KIT (ORFS FITTINGS)
48972	12 XHL6-S	ADAPTER, 37° MALE TO SWIVEL ORFS	49613	PKT06276	PLUG AND CAP KIT-SERVICE,ORFS
48973	12-1/2 F5OG-S	ADAPTER,FEMALE PIPE TO STRAIGHT THREAD	49728	10143-12-12	HOSE END, MALE PIPE
48974	12-10 C5OLO-S	ELBOW,90°,STRAIGHT THREAD TO ORFS	49729	16-1 F5OG-S	ADAPTER,FEMALE PIPE TO STRAIGHT THREAD
48975	12-10 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS	49814	12-8 FLO-S	CONNECTOR,MALE PIPE TO ORFS
48976	12-16 C5OLO-S	ELBOW,90°,STRAIGHT THREAD TO ORFS	49829	DT-500-MOMF-5	VALVE,CHECK
48977	12-16 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS	49831	881-12	HOSE,3/4 INCH ID
48978	12-16 V5OLO-S	ELBOW,45°,STRAIGHT THREAD TO ORFS	49834	16 JLO-S	UNION TEE,ORFS
48980	12-16 FLO-S	CONNECTOR,MALE PIPE TO ORFS	49838	12-8 TRLO-BL-S	REDUCER,TUBE END TO SWIVEL,ORFS
48983	16 C5OLO-S	ELBOW,90°,STRAIGHT THREAD TO ORFS	49840	8 JLO-S	UNION TEE,ORFS
48984	16 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS	49844	10-8 TRLO-BL-S	REDUCER,TUBE END TO SWIVEL,ORFS
48985	16 V5OLO-S	ELBOW,45°,STRAIGHT THREAD TO ORFS	49854	8 P5ON-S	PLUG,STRAIGHT THREAD
48986	16 FLO-S	CONNECTOR,MALE PIPE TO ORFS	49855	1JC43-16-12	HOSE END,FEMALE SWIVEL,SEAL LOK
48988	16 CD45-S	ELBOW,45°,MALE TO FEMALE PIPE	49859	4 P5ON-S	PLUG,STRAIGHT THREAD
48989	12 CD45-S	ELBOW,45°,MALE TO FEMALE PIPE	49861	4 FF5OLO-S	CONNECTOR,LONG,STRAIGHT THREAD TO ORFS
48990	8 CD45-S	ELBOW,45°,MALE TO FEMALE PIPE	49867	12-3/4 F5OG-S	ADAPTER,FEMALE PIPE TO STRAIGHT THREAD
48991	16-12 FLO-S	CONNECTOR,MALE PIPE TO ORFS	51152	6 R6X-S	RUN TEE,SWIVEL NUT,ORFS
48992	16-12 V5OLO-S	ELBOW,45°,STRAIGHT THREAD TO ORFS	51153	6-4 TRTX-S	REDUCER,TUBE END TO SWIVEL,ORFS
48993	XV501-12	BALL VALVE	51154	4-4 GTX	CONNECTOR,FEMALE PIPE TO FLARE TUBE
48994	XV501-16	BALL VALVE	51264	881-12	HOSE,3/4 INCH ID
48995	XV510P-12	BALL VALVE	51265	8 JLO-S	UNION TEE,ORFS
48996	XV510P-16	BALL VALVE	51508	6 BTX-S	NUT,FLARE TUBE
48997	PD341	DIAGNOSTIC NIPPLE, STRAIGHT THREAD	51580	12-8 TRLO-BL-S	TUBE END REDUCER,ORFS
48998	PD 361	DIAGNOSTIC NIPPLE, STRAIGHT THREAD	51628	6 R6X-S	RUN TEE,SWIVEL NUT,ORFS
48999	DT-500-MOMS-5	VALVE,CHECK	51735	3/8 HHP	PLUG,PIPE THREAD
49201	10 V5OLO-S	ELBOW,45°,STRAIGHT THREAD TO ORFS	51803	1J943-6-8	HOSE END,90° FEMALE SWIVEL,SEAL LOK
49202	1JC43-12-10	HOSE END,FEMALE SWIVEL,SEAL LOK	53023	125HBL-5-4	FITTING,HOSE BARB TO MALE PIPE
49203	10-8 V5OLO-S	ELBOW,45°,STRAIGHT THREAD TO ORFS	53497	PKT02585	O-RING KIT
49205	6 F5OHAO-S	UNION,STRAIGHT THREAD	53499	1JC71-16-16	HOSE END,FEMALE SWIVEL,SEAL LOK
49207	PD34BTL	DIAGNOSTIC NIPPLE,SEAL-LOK SWIVEL	53500	3-904	O-RING,STRAIGHT THREAD,-4
49209	8M18F870MX-S	CONNECTOR,METRIC,STRAIGHT THREAD TO FLARE TUBE	53501	3-906	O-RING,STRAIGHT THREAD,-6
49212	8 WGTX-WLN-S	CONNECTOR,BULKHEAD,FEMALE PIPE TO FLARE TUBE	53502	3-908	O-RING,STRAIGHT THREAD,-8
49213	30682-8-8	HOSE END,FEMALE SWIVEL,JIC	53503	3-910	O-RING,STRAIGHT THREAD,-10
49216	831-8	HOSE,1/2 INCH ID			
49217	33982-8-8	HOSE END,90° FEMALE SWIVEL,JIC			
49219	PS-B-35	SLEEVE,NYLON,2.19" ID			
49418	4-6 V5OLO-S	ELBOW,45°,STRAIGHT THREAD TO ORFS			
49511	DT370-MOMS-5	VALVE,CHECK			
49512	1 DD-S	ELBOW,90°,FEMALE PIPE			
49513	1 FF-S	NIPPLE,PIPE			
49514	10 HP5ON-S	PLUG,STRAIGHT THREAD			
49515	12-16 CLO-S	ELBOW,90°,MALE PIPE TO ORFS			
49517	6 HP5ON-S	PLUG,STRAIGHT THREAD			
49519	16-12 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS			
49520	4 VTX-S	ELBOW,45°,MALE PIPE TO FLARE TUBE			
49530	16 C6LO-S	ELBOW,90°,SWIVEL NUT ORFS			

Fitting Cross References (Continued)

Genie PN	Parker PN	Description	Genie PN	Parker PN	Description
53535	3-912	O-RING, STRAIGHT THREAD, -12	61083	24 F5OLO-S	CONNECTOR, STRAIGHT THREAD TO ORFS
53536	4-PNLO-S	PLUG, TUBE END, ORFS	61086	20 R5OLO-S	RUN TEE, STRAIGHT THREAD
53537	6 PNLO-S	PLUG, TUBE END, ORFS	61090	24-20 F5OLO-S	CONNECTOR, STRAIGHT THREAD TO ORFS
53538	8 PNLO-S	PLUG, TUBE END, ORFS	61091	1J943 24-24	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
53539	10 PNLO-S	PLUG, TUBE END, ORFS	61093	1J978-12-12	HOSE END, 90° FEMALE SWIVEL, JIC
53540	12 PNLO-S	PLUG, TUBE END, ORFS	61095	1JS43-20-16	HOSE END, FEMALE SWIVEL, SEAL LOK
53946	129HB-5-4	FITTING, 90° HOSE BARB TO MALE PIPE	61100	811-24	HOSE, 1 1/2 INCH ID
53951	8-1/4F5OG-S	ADAPTER, FEMALE PIPE TO STRAIGHT THREAD	61130	1JS43-24-24	HOSE END, FEMALE SWIVEL, SEAL LOK
53980	6 S6LO-S	BRANCH TEE, SWIVEL NUT TO ORFS	61131	1JS78 12-12	HOSE END, FEMALE SWIVEL, SEAL LOK
54132	4 C6LO-S	ELBOW, 90°, SWIVEL NUT ORFS	61132	1J778-12-12	HOSE END, 45° FEMALE SWIVEL, JIC
54135	11343-16-16	HOSE END, MALE SWIVEL, PIPE	61152	139HB-6-4	ELBOW, 45°, BARB TO MALE PIPE
54283	8-10 C5OLO-S	ELBOW, 90°, STRAIGHT THREAD TO ORFS	61251	BV-0750	BALL VALVE
54428	8M18C87OMLO-S	ELBOW, 90° METRIC, STRAIGHT THREAD TO ORFS	61259	4 CC5OLO-S	ELBOW, 90° LONG, STRAIGHT THREAD TO ORFS
54803	FS-F-16-10	SLEEVE, FIRE, .96" ID	61260	20-12 TRLO-BL	REDUCER, TUBE END TO SWIVEL, ORFS
54954	10143-2-4	HOSE END, MALE PIPE	61262	12 C6LO-S	ELBOW, 90°, SWIVEL NUT ORFS
55190	3/8 HP-S	PLUG, PIPE THREAD	61263	20 F5OHAO-S	UNION, STRAIGHT THREAD
55448	8 HLO-S	UNION, ORFS	61264	6-10 C5OLO-S	ELBOW, 90°, STRAIGHT THREAD TO ORFS
55839	6 F65OX-S	CONNECTOR, STRAIGHT THREAD TO 37° SWIVEL	61265	6 WNLO-WLNL-S	UNION, BULKHEAD 45°, ORFS
55968	10 C5OX-S	ELBOW, 90°, STRAIGHT THREAD TO FLARE TUBE	61268	4 WNLO-WLNL-S	UNION, BULKHEAD 45°, ORFS
56003	6 CC5OLO-S	ELBOW, 90° LONG, STRAIGHT THREAD TO ORFS	61269	4 WLO-WLNL-S	UNION, BULKHEAD, ORFS
56166	BV-0837	BALL VALVE, 90°	61272	12 AOEL6	ELBOW, 90°, STRAIGHT THREAD TO ORFS SWIVEL
56188	10143-8-6	HOSE END, MALE PIPE	61316	482TC-16	HOSE, 1 INCH ID
56233	2-011	O-RING, ORFS, -4	61321	6 JLO-S	UNION TEE, ORFS
56234	2-012	O-RING, ORFS, -6	61327	782-12	HOSE, 3/4 INCH ID
56235	2-014	O-RING, ORFS, -8	61328	881-24	HOSE, 1 1/2 INCH ID
56236	2-016	O-RING, ORFS, -10	61336	11943-20-24	HOSE END, 90° FLANGE HEAD
56237	2-018	O-RING, ORFS, -12	61345	12 WJJLO-WLNL-S	RUN TEE, BULKHEAD, ORFS
56238	2-021	O-RING, ORFS, -16	61346	8 WNLO-WLNL-S 4	UNION, BULKHEAD 45°, ORFS
56352	6 WLNL-S	LOCKNUT, BULKHEAD	61569	33782-8-8	HOSE END, 45° FEMALE SWIVEL, JIC
56353	3J782-12-12	HOSE END, 45° FEMALE SWIVEL, SEAL LOK	61610	12 FF5OLO-S	CONNECTOR, LONG, STRAIGHT THREAD TO ORFS
56354	3J982-12-12	HOSE END, 90° FEMALE SWIVEL, SEAL LOK	61742	1/8 X 1.5 FFF	NIPPLE, PIPE
56604	10-8 F5OLO-S	CONNECTOR, STRAIGHT THREAD TO ORFS	63426	8 PNTX-S	PLUG, FLARE TUBE
56639	3JC82-10-10	HOSE END, FEMALE SWIVEL, SEAL LOK			
56640	3J982-10-10	HOSE END, 90° FEMALE SWIVEL, SEAL LOK			
56655	3JC82-8-10	HOSE END, FEMALE SWIVEL, SEAL LOK			
56676	10-8 C5OLO-S	ELBOW, 90°, STRAIGHT THREAD TO ORFS			
56776	471TC-6	HOSE, 3/8 INCH ID			
56777	471TC-8	HOSE, 1/2 INCH ID			
56789	811-16	HOSE, 1 INCH ID			
57884	3/8 FF	NIPPLE, PIPE			
59335	6 FNL-S	CAP, TUBE END			
59342	4 FNL-S	CAP, TUBE END			
59371	8 HP5ON-S	PLUG, STRAIGHT THREAD			
60653	BV-0751	BALL VALVE			
60806	125HB-3-4	FITTING, HOSE BARB TO MALE PIPE			
61064	5-1/4 F5OG-S	ADAPTER, FEMALE PIPE TO STRAIGHT THREAD			
61079	4 WELO-WLNL-S	UNION, 90° BULKHEAD W/NUT, ORFS			
61080	6 WLO-WLNL-S	UNION, BULKHEAD, ORFS			

Fitting Cross References (Continued)

Genie PN	Parker PN	Description	Genie PN	Parker PN	Description
64271	4 WLO-WLNL-S	UNION,BULKHEAD,ORFS	75631	801-6	HOSE,3/8 INCH ID
64272	6 WLO-WLNL-S	UNION,BULKHEAD,ORFS	75654	20 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
65776	8 F65OL-S	CONNECTOR,STRAIGHT THREAD TO ORFS SWIVEL	75655	1J943-20-20	HOSE END,90° FEMALE SWIVEL,SEAL LOK
65880	6001012	O-RING KIT	75656	881-20	HOSE,1-1/4 INCH ID
66154	6 WTX-WLNS	UNION,BULKHEAD,FLARE TUBE	75971	8 F5OHAO-S	UNION,STRAIGHT THREAD
66155	6 WETX-S	UNION,BULKHEAD 90°,FLARE TUBE	77307	1JB43-8-8	HOSE END,BULKHEAD,SEAL LOK
66156	6 WLNL-S	BULKHEAD LOCKNUT	77309	8 WLNL-S	BULKHEAD LOCKNUT
66389	6-8 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE	77379	8M18C87OMX-S	ELBOW,90° METRIC,STRAIGHT THREAD TO FLARE TUBE
66392	6 R5OX-S	RUN TEE,STRAIGHT THREAD	77703	3J982-8-8	HOSE END,90° FEMALE SWIVEL,SEAL LOK
66396	811-12	HOSE,3/4 INCH ID	77711	801-10	HOSE,5/8 INCH ID
66829	H3174PP	CLAMP,TUBE	77758	12 WNLO-WLNL-S	UNION,BULKHEAD 45°,ORFS
67217	4 KLO-S	UNION,CROSS,ORFS	78091	6 C6X-S	ELBOW,90°,SWIVEL NUT TO FLARE TUBE
67339	10-6 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE	78684	30582-8-8B	HOSE END,PUSH LOK,MALE
67357	13943-8-6	HOSE END,90° FEMALE SWIVEL,JIC	78852	549-2	HOSE,1/8 INCH ID
67358	10 HP5ON-S	PLUG,STRAIGHT THREAD	78855	10657-4-2	HOSE END,FEMALE SWIVEL,JIC
67371	12 S6LO-S	BRANCH TEE,SWIVEL NUT TO ORFS	79138	PS-B-37	SLEEVE,NYLON,2.38" ID
67498	4 FNL-S	CAP, TUBE END	79476	1JS43-6-8	HOSE END,FEMALE SWIVEL,SEAL LOK
67906	DC-370-F0F0-5	VALVE,CHECK	79847	12-3/4 A0EG-S	ELBOW,90°,STRAIGHT THREAD TO FEMALE PIPE
69316	8 FLO-S	CONNECTOR,MALE PIPE TO ORFS	80044	8 CLO-S	ELBOW,90°,MALE PIPE TO ORFS
69333	H3174PP	CLAMP,HYDRAULIC HOSE	80502	8 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE
69503	4 F65OX-S	CONNECTOR,STRAIGHT THREAD TO 37° SWIVEL	80503	8 C5OX-S	ELBOW,90°,STRAIGHT THREAD TO FLARE TUBE
69775	8 FNL-S	CAP, TUBE END	81010	AS-B-27	SLEEVE,NYLON,1.63" ID
71038	1/4X1/4F3HG-S	ADAPTER,CONVERSION	83052	821-6	HOSE,3/8 INCH ID
71196	12-8 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS	83053	821-8	HOSE,1/2 INCH ID
71383	1/4 CD45-S	ELBOW,45°,MALE TO FEMALE PIPE	83054	821-12	HOSE,3/4 INCH ID
72270	12FNL-S	CAP, TUBE END	83055	30682-6-6	HOSE END,FEMALE SWIVEL,JIC
73436	60C-4	SLEEVE,COMPRESSION	83056	30682-12-12	HOSE END,FEMALE SWIVEL,JIC
73437	61C-4	NUT,COMPRESSION	83057	33782-6-6	HOSE END,45° FEMALE SWIVEL,JIC
73438	33482-4-4B	HOSE END,PUSH LOK,MALE	83058	33982-6-6	HOSE END,90° FEMALE SWIVEL,JIC
73767	1CD-S	ELBOW,90°,MALE TO FEMALE PIPE	83060	33982-12-12	HOSE END,90° FEMALE SWIVEL,JIC
73768	20-16-F5OG5-S	ADAPTER,FEMALE PIPE TO STRAIGHT THREAD	83063	13743-4-4	HOSE END,45° FEMALE SWIVEL,JIC
73769	16-20 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS			
74660	6-8 F42EDMLO-S	CONNECTOR,MALE BSPP TO ORFS			
74661	8-8 F42EDMLO-S	CONNECTOR,MALE BSPP TO ORFS			
75007	4 FLO-S	CONNECTOR,MALE PIPE TO ORFS			
75008	1/8 HP-S	PLUG,PIPE THREAD			
75014	1/2 HP-S	PLUG,PIPE THREAD			
75042	8 WELO-WLNL-S	UNION,90° BULKHEAD W/NUT,ORFS			
75043	3/4 FF-S	NIPPLE,PIPE			
75254	24 F5OHAO-S	UNION,STRAIGHT THREAD			
75255	12 F5OHAO-S	UNION,STRAIGHT THREAD			
75256	XV506P-24	BALL VALVE			
75574	4 WLNL-S	BULKHEAD LOCKNUT			
75612	8 WJLO-WLNL-S	RUN TEE, BULKHEAD,ORFS			
75613	12-8 F5OG5-S	ADAPTER,FEMALE PIPE TO STRAIGHT THREAD			
75614	8 CC5OLO-S	ELBOW,90° LONG,STRAIGHT THREAD TO ORFS			
75628	1JB43-4-4	HOSE END,BULKHEAD,SEAL LOK			

Fitting Cross References (Continued)

Genie PN	Parker PN	Description	Genie PN	Parker PN	Description
83064	13743-8-8	HOSE END,45° FEMALE SWIVEL,JIC	89449	6 WJLO-WLNL-S	RUN TEE, BULKHEAD,ORFS
83065	13743-12-12	HOSE END,45° FEMALE SWIVEL,JIC	89489	4 WJMLO-S	BRANCH TEE,BULKHEAD,ORFS
83066	13943-8-8	HOSE END,90° FEMALE SWIVEL,JIC	89551	1JB43-6-6	HOSE END,BULKHEAD,SEAL LOK
83067	14143-6-6	HOSE END,90° FEMALE SWIVEL,JIC	89552	1JB43-8-8	HOSE END,BULKHEAD,SEAL LOK
83068	14143-8-8	HOSE END,90° FEMALE SWIVEL,JIC	89593	20 C5OLO-S	ELBOW,90°,STRAIGHT THREAD TO ORFS
83069	14143-12-12	HOSE END,90° FEMALE SWIVEL,JIC	94161	8-8 CLO-S	ELBOW,90°,MALE PIPE TO ORFS
83070	772-8	HOSE,1/2 INCH ID	94358	351TC-12	HOSE,3/4 INCH ID
83071	10671-8-8	HOSE END,FEMALE SWIVEL,JIC	94418	20 FLO-S	CONNECTOR,MALE PIPE TO ORFS
83072	10671-12-12	HOSE END,FEMALE SWIVEL,JIC	96358	12 TX-S	SLEEVE,FLARE TUBE
83073	13771-8-8	HOSE END,45° FEMALE SWIVEL,JIC	96359	12 BTX-S	NUT,FLARE TUBE
83074	13771-12-12	HOSE END,45° FEMALE SWIVEL,JIC	96397	8 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE
83075	13971-8-8	HOSE END,90° FEMALE SWIVEL,JIC	96398	12-8 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE
83076	13971-12-12	HOSE END,90° FEMALE SWIVEL,JIC	96402	10343-6-6	HOSE END,MALE,JIC
83077	14171-8-8	HOSE END,90° FEMALE SWIVEL,JIC	96407	30382-6-6B	HOSE END,MALE,JIC
83078	14171-12-12	HOSE END,90° FEMALE SWIVEL,JIC			
83080	13943-16-16	HOSE END,90° FEMALE SWIVEL,JIC			
83103	10671-16-12	HOSE END,FEMALE SWIVEL,JIC			
83104	10671-10-12	HOSE END,FEMALE SWIVEL,JIC			
83112	1JC71-8-8	HOSE END,FEMALE SWIVEL,SEAL LOK			
83113	1JS71-16-12	HOSE END,FEMALE SWIVEL,SEAL LOK			
83114	1JS71-10-12	HOSE END,FEMALE SWIVEL,SEAL LOK			
83115	1J971-8-8	HOSE END,90° FEMALE SWIVEL,SEAL LOK			
83116	1J171-8-8	HOSE END,90° FEMALE SWIVEL,SEAL LOK			
83117	1J771-8-8	HOSE END,45° FEMALE SWIVEL,SEAL LOK			
83127	1J543-6-8	HOSE END,90° FEMALE SWIVEL,JIC			
83128	1JC43-6-8	HOSE END,FEMALE SWIVEL,SEAL LOK			
87033	12-6 TRLO-S	REDUCER,TUBE END TO SWIVEL,ORFS			
87034	3J782-8-8	HOSE END,45° FEMALE SWIVEL,SEAL LOK			
87172	12 HP5ON-S	PLUG,STRAIGHT THREAD			
87185	8 WNLO-WLNL-S	UNION,BULKHEAD 45°,ORFS			
87246	4 C6X-S	ELBOW,90°,SWIVEL NUT TO FLARE TUBE			
87679	6 LHP-S	FLANGE SEAL FITTING, MALE			
87681	6PLS N0702	BONDED SEAL			
88100	SR88100	ADAPTER,OIL DRAIN,GM 3.0L			
88311	1JS43-20-20	HOSE END,FEMALE SWIVEL,SEAL LOK			
88353	20 V5OLO-S	ELBOW,45°,STRAIGHT THREAD TO ORFS			
88474	10081-20	Crimp Shell, 1.25"			
88475	1988-20-24	HOSE END,90° FLANGE HEAD			
88476	JS88-24-24	HOSE END,FEMALE SWIVEL,SEAL LOK			
88477	1JC88-20-20	HOSE END,FEMALE SWIVEL,SEAL LOK			
88478	811-20	HOSE,11/4 INCH ID			
88936	20-16 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS			
88937	20-16 FLO-S	CONNECTOR,MALE PIPE TO ORFS			
88938	1JC88-16-16	HOSE END,FEMALE SWIVEL,SEAL LOK			
88939	1J988-16-16	HOSE END,90° FEMALE SWIVEL,ORFS			
88940	811-16	HOSE,1 INCH ID			
88944	1J988-20-20	HOSE END,90° FEMALE SWIVEL,ORFS			
89403	16 VLO-S	ELBOW,45°,MALE PIPE TO ORFS			

California Proposition 65

Warning

The exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

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