



Parts Manual

Serial Number Range

S-80X

from SN 8000

S-80

S-85

Part No. 111335

Rev D7

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:

<http://www.genielift.com>

e-mail: awp.techpub@terex.com

Serial Number Information

Genie offers the following Parts Manuals for these models:

Title	Part No
Genie S-80 and S-85 Parts Manual (to serial number 965)	34033
Genie S-80 and S-85 Parts Manual (from serial number 966 to 3081)	65615
Genie S-80 and S-85 Parts Manual (from serial number 3082 to 7999)	77810

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A TEREX BRAND

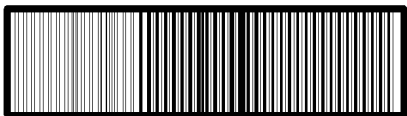
Model: S-80**Serial number:** S8008-12345**Model year:** 2008 **Manufacture date:** 08/01/08**Electrical schematic number:** ES0505**Machine unladen weight:****Rated work load (including occupants):** 500 lb / 227 kg**Maximum number of platform occupants:** 2**Maximum allowable side force :** 150 lb / 670 N**Maximum allowable inclination of the chassis:**

0 deg

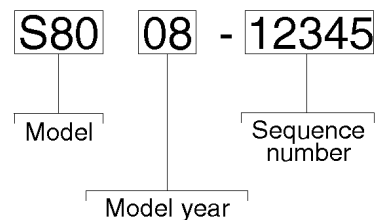
Maximum wind speed : 28 mph / 12.5 m/s**Maximum platform height :** 80 ft / 24.38 m**Maximum platform reach :** 72 ft 5 in / 22.07 m**Gradeability:** N/A**Country of manufacture:** USA**This machine complies with:**

ANSI A92.5-

CAN B.354.4-

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

11111111



Serial number (stamped on chassis)

Serial label (located under cover)

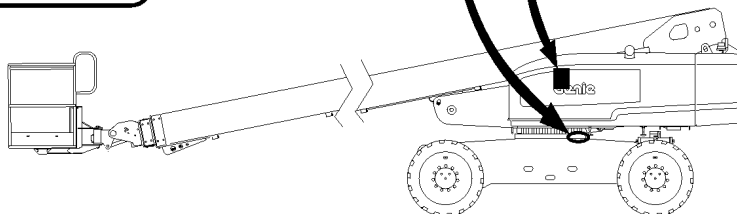


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Electronic Version

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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-80 and S-85 Service Manual*.

All Models:

Description	Part No.
Wheel Lug Nuts	34127
Lithium Based Grease	(source locally)
Dielectric Grease	66399
Drive Hub Oil (refer to service manual) ...	(source locally)

Perkins 804D-33 Models:

Description	Part No.
Air Filter	62420
Fuel/water Separator Element	101614
Engine Oil Filter	101613
V-Belt	102534

Deutz TD2011L04i Tier 4 Interim Models:

Description	Part No.
Air Filter	62425
Fuel/water Separator Filter	29560
Engine Oil Filter	49924
V-Belt	102589

Continental TME-27 Models:

Description	Part No.
Air Filter	111634
Fuel Pre-Filter	111797
Fuel Pressure Regulator Filter	111914
Engine Oil Filter	111917
PCV Valve	111868
Spark Plug	111890
Serpentine Belt	111918

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-80 and S-85 Operator's Manual North America, South America, Asia (from SN 8000 to 8499)	133070
Genie S-80 and S-85 Operator's Manual CE Models, (from SN 8000 to 8499)	133071
Genie S-80 and S-85 Operator's Manual CE Models, (from SN 8500)	T107111
Genie S-80 and S-85 Operator's Manual Australia, (from SN 8500)	226560
Genie S-80X Operator's Manual North America, South America, Asia (from SN 8500)	T107105
Genie S-85 Operator's Manual North America, South America, Asia (from SN 8500)	T107108
Genie S-80 and S-85 Service Manual (from SN 3081 to 3737)	77832
Genie S-80 and S-85 Service Manual (from SN 3738 to 5380)	111165
Genie S-80 and S-85 Service Manual (from SN 5382 to 7999)	122149
Genie S-80 and S-85 Service Manual (from SN 8000)	122985
EMI Safety Manual	27581
Manual of Responsibilities ANSI A92.5	31779

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

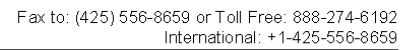
Model

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 _____

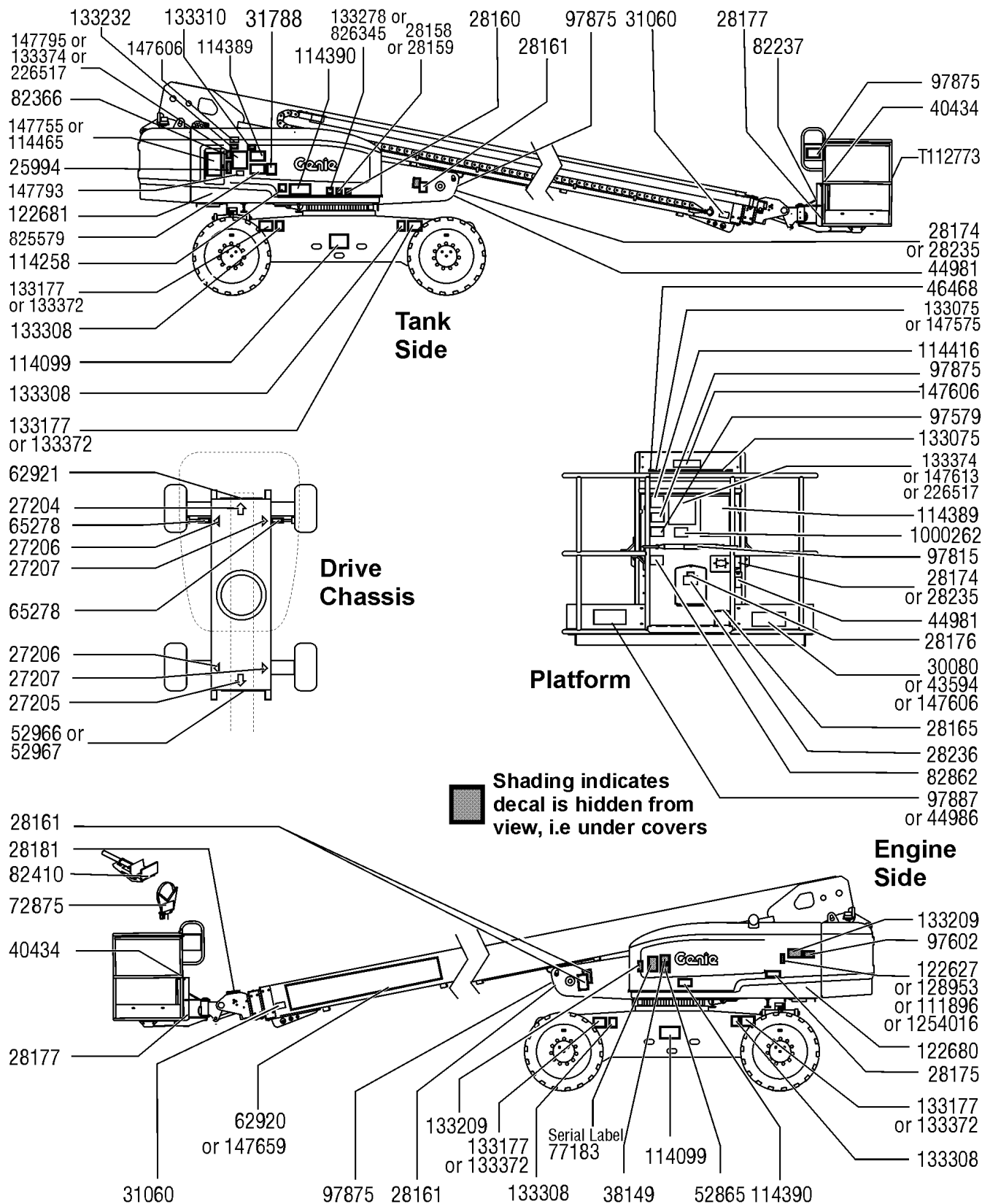
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☐ Ship complete order only - No back orders

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

☐ Other (please specify)

101.1 Decals with Words, S-80X and S-80 (to SN 8499)



101.1 Decals with Words, S-80X and S-80 (to SN 8499)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	122397	DECAL KIT, WORDS, S80/85 (Includes items 1-21, 37, 41, 54 and 62- 65); to SN 8499		21	114465	DECAL GROUND CONTROL BOX.....	1
B	823295	DECAL KIT,S80 PLAT,WORD,AUS from SN 8500		22	30080	DECAL,NOTICE,MAX LOAD 500 LBS.....	1
C	823296	DECAL KIT,S80 COMP,WORD,AUS from SN 8500		23	28158	DECAL,LABEL,UNLEADED GAS ONLY.....	1
D	823297	DECAL KIT,S80X PLAT,WORD,ANSI from SN 8500		24	28159	DECAL,DIESEL.....	1
E	823298	DECAL KIT,S80X COMP,WORD,ANSI from SN 8500		25	28160	DECAL,LABEL,LIQUID PROPANE.....	1
--				26	28174	DECAL,POWER TO PLATFORM 230V.....	2
1	25994	DECAL,NOTICE,SHUTOFF VALVES.....	1	27	28235	DECAL,POWER TO PLATFORM 115V.....	2
2	27204	DECAL,ARROW BLUE.....	1	28	38149	DECAL,LABEL,PATENTS.....	1
3	27205	DECAL,ARROW YELLOW LRG 9".....	1	29	43594	DECAL,NOTICE,MAX LOAD 750 LBS.....	1
4	27206	DECAL,TRIANGLE,BLUE.....	2	30	44981	DECAL,LABEL,AIRLINE 110 PSI.....	2
5	27207	DECAL,TRIANGLE,YELLOW.....	2	31	44986	DECAL,INSTR,SIDE FRC/WIND,AUS.....	1
6	28161	DECAL,WARN,CRUSH HAZARD HAND.....	5	32	52865	DECAL,ANNUAL INSP***.....	1
7	28165	DECAL,INSTRUCT,FOOTSWITCH OPER.....	1	33	52966	DECAL,COSMETIC,4 X 2.....	1
8	28175	DECAL,COMPARTMENT ACCESS.....	1	34	52967	DECAL,COSMETIC,4 X 4.....	1
9	28176	DECAL,LABEL,MANUAL NOT HERE.....	1	35	62920	DECAL,COSMETIC,GENIE S-80.....	1
10	28177	DECAL,WARN,CRUSH HAZARD PLAT.....	2	36	62921	DECAL,COSMETIC,S80.....	1
11	28181	DECAL,WARN,FALL HAZARD.....	1	37	65278	DECAL,CAUTION,NO STEP.....	2
12	28236	DECAL,WARN,IMPROPER OPERATION.....	1	38	72875	DECAL,WARNING,PIPE CRADLE,BOOM.....	2
13	31788	DECAL,DANGER,BATTERY SAFETY***.....	1	39	77046	SERIAL # LABEL,MYLAR 4X8***.....	1
14	40434	DECAL,LANYARD ANCHORAGE POINT.....	8	--	77183	FILM,POLY,CLEAR,4.5 X 8.75	
15	97815	DECAL,LABEL,LOWER MIDRAIL.....	1	40	82237	DECAL,DANGER,HIGH VOLTAGE.....	3
16	114099	DECAL,LABEL,TRANSPORT DIAGRAM.....	2	41	82243	DECAL FAULT CODE.....	1
17	114258	DECAL,DANGER,NO SMOKING.....	1	42	82366	DECAL,CHEVRON RANDO HD.....	1
18	114389	DECAL,DANGER,GENERAL SAFETY***.....	2	43	82410	DECAL,WARNING,PANEL CRADLE.....	2
19	114390	DECAL,DANGER,ELECT HAZARD***.....	2	44	82862	DECAL,FIRE EXTINGUISHER.....	1
20	114416	DECAL,DANGER,TIPOVER,TILT.....	1	45	97579	DECAL,DANGER,TIP-OVER,WELDER**.....	1
				46	97602	DECAL,EXPLOSION HAZARD.....	1
				47	97875	DECAL,WARN.WELD LINE INST.WORD.....	2
				48	97887	DECAL,INSTR,MAX SIDE FRC,ANSI.....	1
				49	111896	DECAL,ENG.SPECS,CONTINENTAL.....	1

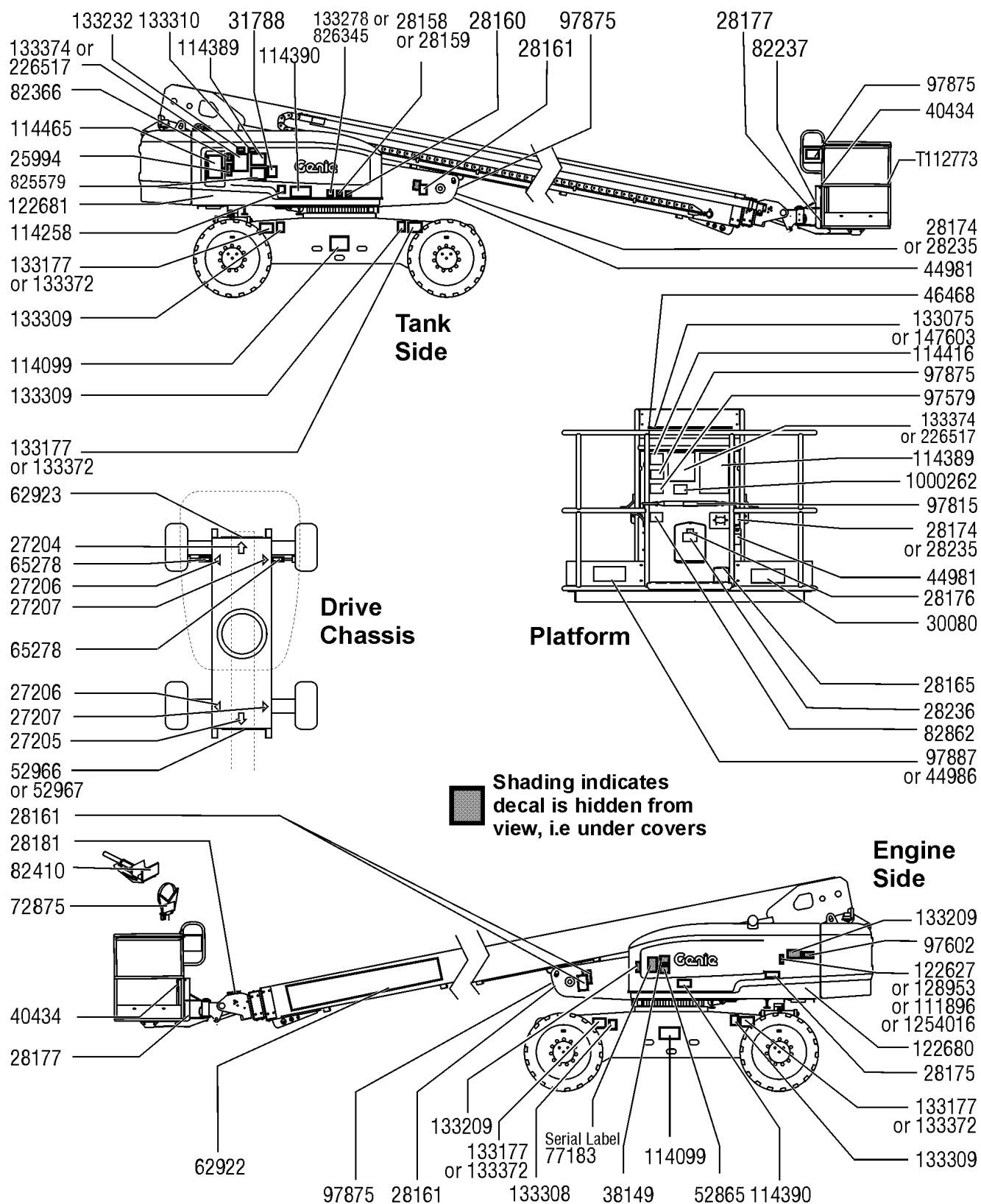
101.1 Decals with Words, S-80X and S-80 (to SN 8499) (continued)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
50	122627	DECAL,T3 ENGINE SPEC.PERKINS.....1		--	T107895	DECAL,PROTECTOR,CLEAR <i>Part of the hostile protection option; from SN 8500</i>	
51	122680	DECAL, GRAY STRIP, RH, S80/85.....1 <i>to SN 9022</i>		70	147613	DECAL, INST OPER INST S80X PLT1 <i>Use with S-80X only; from SN 8500</i>	
52	122681	DECAL, GRAY STRIP, LH, S80/85.....1 <i>to SN 9022</i>		71	31060	DECAL,DANGER DO NOT ALTER SWTC.....2 <i>Use with S-80X only; from SN 8500</i>	
53	128953	DECAL,ENGINE SPEC,DEUTZ,TD2011.....1		72	147606	DECAL,INST PLAT CAP S80X.....3 <i>Use with S-80X only; from SN 8500</i>	
54	133075	DECAL,PLATFORM CONTROL PANEL.....1 <i>to SN 8499</i>		73	T112773	TAPE, PROTECTIVE MASK <i>from SN 8780</i>	
--	133307	DECAL,PROTECTOR,CLEAR <i>Part of the hostile protection option; to SN 8499</i>		74	226517	DECAL,INST,OPER INST,S80,AU <i>(Australia only)</i>	
55	147603	DECAL, PLAT CNTL PNL.....1 <i>from SN 8500</i>		75	46468	DECAL,FUNCTION OVERRIDE <i>Part of airline protection package; from SN 8126</i>	
--	T107895	DECAL,PROTECTOR,CLEAR <i>Part of the hostile protection option; from SN 8500</i>		76	825579	DECAL, LCD, TIER 4 <i>(Perkins 404F-22T models); from SN 11649</i>	
56	133177	DECAL,DANGER/LABEL,TIRE SPECS.....4		77	826345	DECAL,ULS DIESEL ONLY,TIER 4 <i>(Perkins 404F-22T models); from SN 11649</i>	
57	133232	DECAL,LABEL,AUX BATTERY.....1		78	1254016	DECAL,ENGINE SPEC,PERKINS 404F <i>(Perkins 404F-22T models); from SN 11649</i>	
58	133372	DECAL,DANGER/LABEL,TIRE SPECHF.....4					
59	133278	DECAL,LOW/ULTRA LOW SULFR FUEL.....1 <i>(USA only)</i>					
60	147659	DECAL,COSM GENIE S80X					
61	133308	DECAL,LABEL,WHEEL LOAD S80.....4					
62	133310	DECAL,LABEL,ENG STRT& CONTROLS.....1					
63	133374	DECAL,INST,OPER INST.S80.....2					
64	133209	DECAL,RELAY & FUSE PANELS....1					
65	1000262	DECAL,DANGER,TIP OVER,PLAT.....1					
66	147795	DECAL, OPER INST 6080X GRD....1 <i>Use with S-80X only; from SN 8500</i>					
67	147793	DANGER, TIPOVR, MAX CAP.....2 <i>Use with S-80X only; from SN 8500</i>					
68	147755	DECAL,GR CNTL PNL 60X 80X....1 <i>Use with S-80X only; from SN 8500</i>					
69	147575	DECAL, PLAT CNTL PNL 60X 80X.....1 <i>Use with S-80X only; from SN 8500</i>					

101.1 Decals with Words, S-80X and S-80 (to SN 8499)
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102.1 Decals with Words, S-85 (to SN 8499)



102.1 Decals with Words, S-85 (to SN 8499)

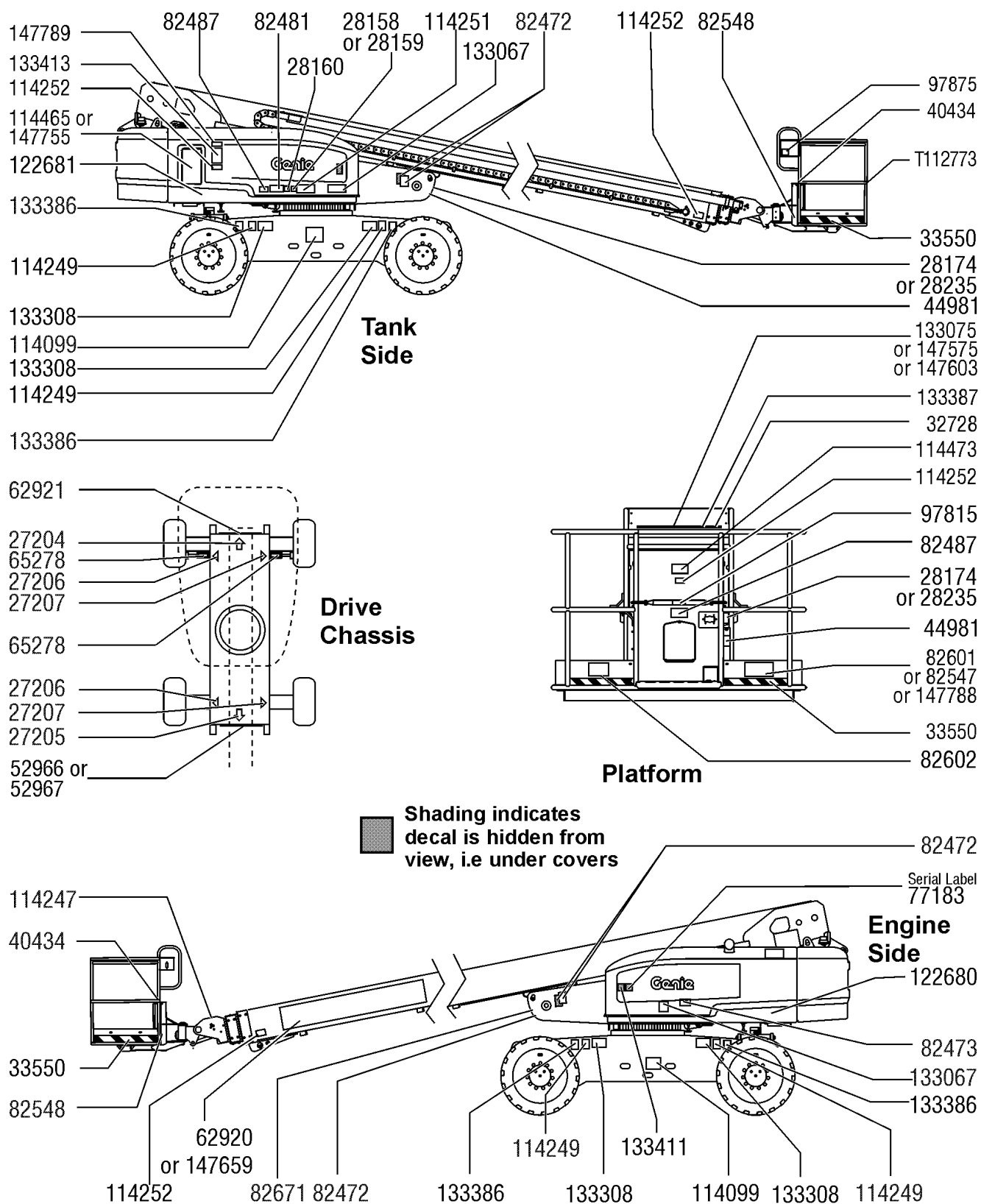
Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	122397	DECAL KIT, WORDS, S80/85 (Includes items 1- 27, 29- 31, 53, 58, 61 and 63); to SN 8499		24	114389	DECAL,DANGER,GENERAL SAFETY***.....	2
--	T108102	DECAL KIT,WORDS,S80/85 (Includes items 1- 28, 31, 41, 54 and 58- 62); from SN 8500		25	114390	DECAL,DANGER,ELECT HAZARD***.....	2
1	25994	DECAL,NOTICE,SHUTOFF VALVES.....	1	26	114416	DECAL,DANGER,TIPOVER,TILT.....	1
2	27204	DECAL,ARROW BLUE.....	1	27	114465	DECAL GROUND CONTROL BOX.....	1
3	27205	DECAL,ARROW YELLOW LRG 9".....	1	28	44986	DECAL,INSTR,SIDE FRC/WIND,AUS.....	1
4	27206	DECAL,TRIANGLE,BLUE.....	2	29	122627	DECAL,T3 ENGINE SPEC.PERKINS.....	1
5	27207	DECAL,TRIANGLE,YELLOW.....	2	30	44981	DECAL,LABEL,AIRLINE 110 PSI.....	2
6	28161	DECAL,WARN,CRUSH HAZARD HAND.....	5	31	52865	DECAL,ANNUAL INSP***.....	1
7	28165	DECAL,INSTRUCT,FOOTSWITCH OPER.....	1	32	52966	DECAL,COSMETIC,4 X 2.....	1
8	28175	DECAL,COMPARTMENT ACCESS.....	1	33	52967	DECAL,COSMETIC,4 X 4.....	1
9	28176	DECAL,LABEL,MANUAL NOT HERE.....	1	34	62922	DECAL,COSMETIC,GENIE S-85.....	1
10	28177	DECAL,WARN,CRUSH HAZARD PLAT.....	2	35	62923	DECAL,COSMETIC,S85.....	1
11	28181	DECAL,WARN,FALL HAZARD.....	1	36	65278	DECAL,CAUTION,NO STEP.....	2
12	28236	DECAL,WARN,IMPROPER OPERATION.....	1	37	82243	DECAL FAULT CODE.....	1
13	31788	DECAL,DANGER,BATTERY SAFETY***.....	1	38	97815	DECAL,LABEL,LOWER MIDRAIL.....	1
14	40434	DECAL,LANYARD ANCHORAGE POINT.....	8	39	72875	DECAL,WARNING,PIPE CRADLE,BOOM.....	2
15	28158	DECAL,LABEL,UNLEADED GAS ONLY.....	1	40	77046	SERIAL # LABEL,MYLAR 4X8***.....	1
16	28159	DECAL,DIESEL.....	1	--	77183	FILM,POLY,CLEAR,4.5 X 8.75	
17	28160	DECAL,LABEL,LIQUID PROPANE.....	1	41	82237	DECAL,DANGER,HIGH VOLTAGE.....	3
18	28174	DECAL,POWER TO PLATFORM 230V.....	2	42	82366	DECAL,CHEVRON RANDO HD.....	1
19	28235	DECAL,POWER TO PLATFORM 115V.....	2	43	82410	DECAL,WARNING,PANEL CRADLE.....	2
20	30080	DECAL,NOTICE,MAX LOAD 500 LBS.....	1	44	82862	DECAL,FIRE EXTINGUISHER.....	1
21	38149	DECAL,LABEL,PATENTS.....	1	45	97579	DECAL,DANGER,TIP-OVER,WELDER**.	1
22	114099	DECAL,LABEL,TRANSPORT DIAGRAM.....	2	46	97602	DECAL,EXPLOSION HAZARD.....	1
23	114258	DECAL,DANGER,NO SMOKING.....	1	47	97875	DECAL,WARN.WELD LINE INST.WORD.....	2
				48	97887	DECAL,INSTR,MAX SIDE FRC,ANSI.....	1
				49	111896	DECAL,ENG.SPECS,CONTINENTAL.	1
				50	122680	DECAL, GRAY STRIP, RH, S80/85..... to SN 9022	1
				51	122681	DECAL, GRAY STRIP, LH, S80/85..... to SN 9022	1

102.1 Decals with Words, S-85 (to SN 8499) (continued)

Item	Part No.	Description	Qty.
52	128953	DECAL,ENGINE SPEC,DEUTZ,TD2011.....	1
53	133075	DECAL,PLATFORM CONTROL PANEL..... <i>to SN 8499</i>	1
--	133307	DECAL,PROTECTOR,CLEAR <i>Part of the hostile protection option; to SN 8499</i>	
54	147603	DECAL, PLAT CNTL PNL.....	1
--	T107895	DECAL,PROTECTOR,CLEAR <i>Part of the hostile protection option; from SN 8500</i>	
55	133177	DECAL,DANGER/LABEL,TIRE SPECS.....	4
56	133278	DECAL,LOW/ULTRA LOW SULFR FUEL..... <i>(USA only)</i>	1
57	133232	DECAL,LABEL,AUX BATTERY.....	1
58	133209	DECAL,RELAY & FUSE PANELS....	1
59	133309	DECAL,LABEL,WHEEL LOAD S85.....	4
60	133310	DECAL,LABEL,ENG STRT& CONTROLS.....	1
61	1000262	DECAL,DANGER,TIP OVER,PLAT.....	1
62	133372	DECAL,DANGER/LABEL,TIRE SPECHF.....	4
63	133374	DECAL,INST,OPER INST.S80.....	2
64	T112773	TAPE, PROTECTIVE MASK..... <i>from SN 8780</i>	2
65	226517	DECAL,INST,OPER INST,S80,AU <i>(Australia only)</i>	
66	46468	DECAL,FUNCTION OVERRIDE..... <i>Part of airline protection package; from SN 8126</i>	1
67	825579	DECAL, LCD, TIER 4 <i>(Perkins 404F-22T models); from SN 11649</i>	
68	826345	DECAL,ULS DIESEL ONLY,TIER 4 <i>(Perkins 404F-22T models); from SN 11649</i>	
69	1254016	DECAL,ENGINE SPEC,PERKINS 404F <i>(Perkins 404F-22T models); from SN 11649</i>	

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103.1 Decals with Symbols, S-80X and S-80 (to SN 8499)



103.1 Decals with Symbols, S-80X and S-80 (to SN 8499)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	122398	DECAL KIT, SYMBOL, S80/85 (Includes items 1-20, 37, 43, and 44); to SN 8499		23	28159	DECAL,DIESEL.....	1
--	T108103	DECAL KIT,SYMBOL,S80X (Includes items 1-20, 38, 40 and 43- 46); from SN 8500		24	28160	DECAL,LABEL,LIQUID PROPANE.....	1
--	T108104	DECAL KIT,SYMBOL,S80/85 (Includes items 1-20, 39 and 43- 45); from SN 8500		25	28174	DECAL,POWER TO PLATFORM 230V.....	2
1	27204	DECAL,ARROW BLUE.....	1	26	28235	DECAL,POWER TO PLATFORM 115V.....	2
2	27205	DECAL,ARROW YELLOW LRG 9".....	1	27	44981	DECAL,LABEL,AIRLINE 110 PSI.....	2
3	27206	DECAL,TRIANGLE,BLUE.....	2	28	52966	DECAL,COSMETIC,4 X 2.....	1
4	27207	DECAL,TRIANGLE,YELLOW.....	2	29	52967	DECAL,COSMETIC,4 X 4.....	1
5	40434	DECAL,LANYARD ANCHORAGE POINT.....	3	30	62920	DECAL,COSMETIC,GENIE S-80.....	1
6	65278	DECAL,CAUTION,NO STEP.....	2	31	62921	DECAL,COSMETIC,S80.....	2
7	82472	DECAL,WARNING,CRUSHING HAZARD.....	5	32	77046	SERIAL # LABEL,MYLAR 4X8***.....	1
8	82473	DECAL,SYMBOL-COMP ACCESS.....	1	--	77183	FILM,POLY,CLEAR,4.5 X 8.75	
9	82481	DECAL,SYMBOL-BATTERY SAFETY.....	1	33	82602	DECAL,DANGER,MAX SIDE FRC,667N.....	1
10	82487	DECAL,SYMBOL-READ THE MANUAL.....	4	34	82671	DECAL,LABEL,WELD LINE INST,SYM.....	2
11	82548	DECAL,WARN,CRUSH HAZARD PLAT.....	2	35	122680	DECAL, GRAY STRIP, RH, S80/85.....	1
12	82601	DECAL,LABEL,MAX CAPACITY***.....	1			to SN 9022	
13	97815	DECAL,LABEL,LOWER MIDRAIL.....	1	36	122681	DECAL, GRAY STRIP, LH, S80/85.....	1
14	114099	DECAL,LABEL,TRANSPORT DIAGRAM.....	2			to SN 9022	
15	114247	DECAL,LABEL,FALL HAZARD***.....	1	37	133075	DECAL,PLATFORM CONTROL PANEL.....	1
16	114249	DECAL,LABEL,TIPOVER,TIRES,SYMB.4				to SN 8499	
17	114251	DECAL,LABEL,NO SMOKING,SYMB.....	1	--	133307	DECAL,PROTECTOR,CLEAR Part of the hostile protection option; to SN 8499	
18	114465	DECAL GROUND CONTROL BOX.....	1	38	147575	DECAL, PLAT CNTL PNL 60X 80X.....	1
19	114473	DECAL,DANGER,TIPOVER,TILT,SYM.1				Use with S-80X only; from SN 8500	
20	133067	DECAL,DANGER,ELEC.HAZ.STAY CLR.....	2	--	T107895	DECAL,PROTECTOR,CLEAR Part of the hostile protection option; from SN 8500	
21	82547	DECAL,DANGER,MAX LOAD 340 KG.....	1	39	147603	DECAL, PLAT CNTL PNL.....	1
22	28158	DECAL,LABEL,UNLEADED GAS ONLY.....	1			from SN 8500	
				--	T107895	DECAL,PROTECTOR,CLEAR Part of the hostile protection option; from SN 8500	
				40	147789	DECAL,INST PLAT CAP S80X SYM.....	1
						Use with S-80X only; from SN 8500	
				41	133308	DECAL,LABEL,WHEEL LOAD S80.....	4

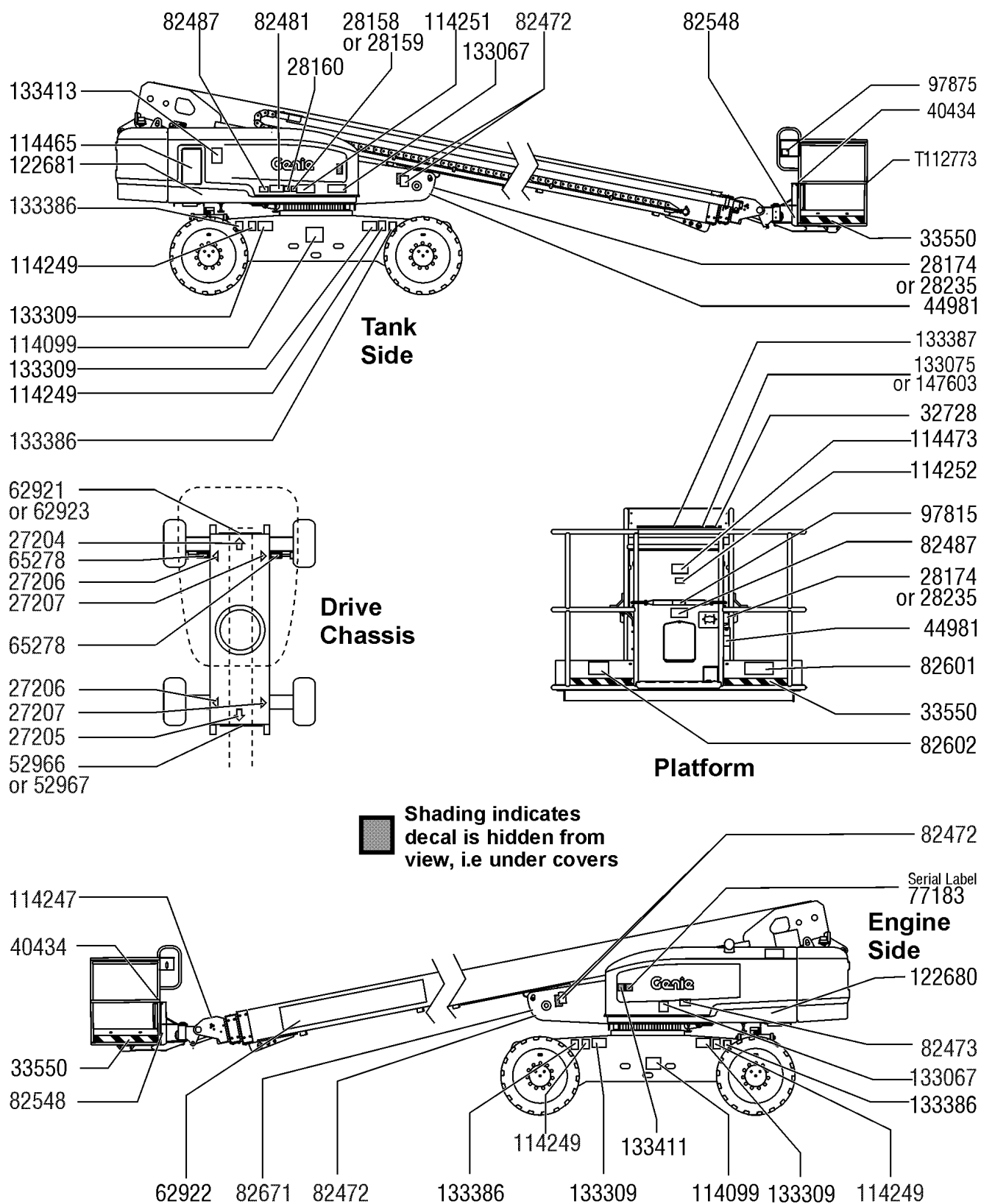
103.1 Decals with Symbols, S-80X and S-80 (to SN 8499) (continued)

Item	Part No.	Description	Qty.
42	133386	LABEL,TIRE PRESSURE, HF.....	4
43	133387	DECAL,DRIVE ENABLE PATCH.....	1
44	133413	DECAL, EMERGENCY LOWERING.....	1
45	114252	DECAL,LABEL,TIP OVER LMT SWTCH.....	3
46	147755	DECAL,GR CNTL PNL 60X 80X..... <i>Use with S-80X only; from SN 8500</i>	1
47	33550	TAPE,WARNING,BLK/YEL, 50'***.....	197-inches
48	147659	DECAL,COSM GENIE S80X..... <i>Use with S-80X only; from SN 8500</i>	1
49	T112773	TAPE, PROTECTIVE MASK <i>from SN 8780</i>	

103.1 Decals with Symbols, S-80X and S-80 (to SN 8499)
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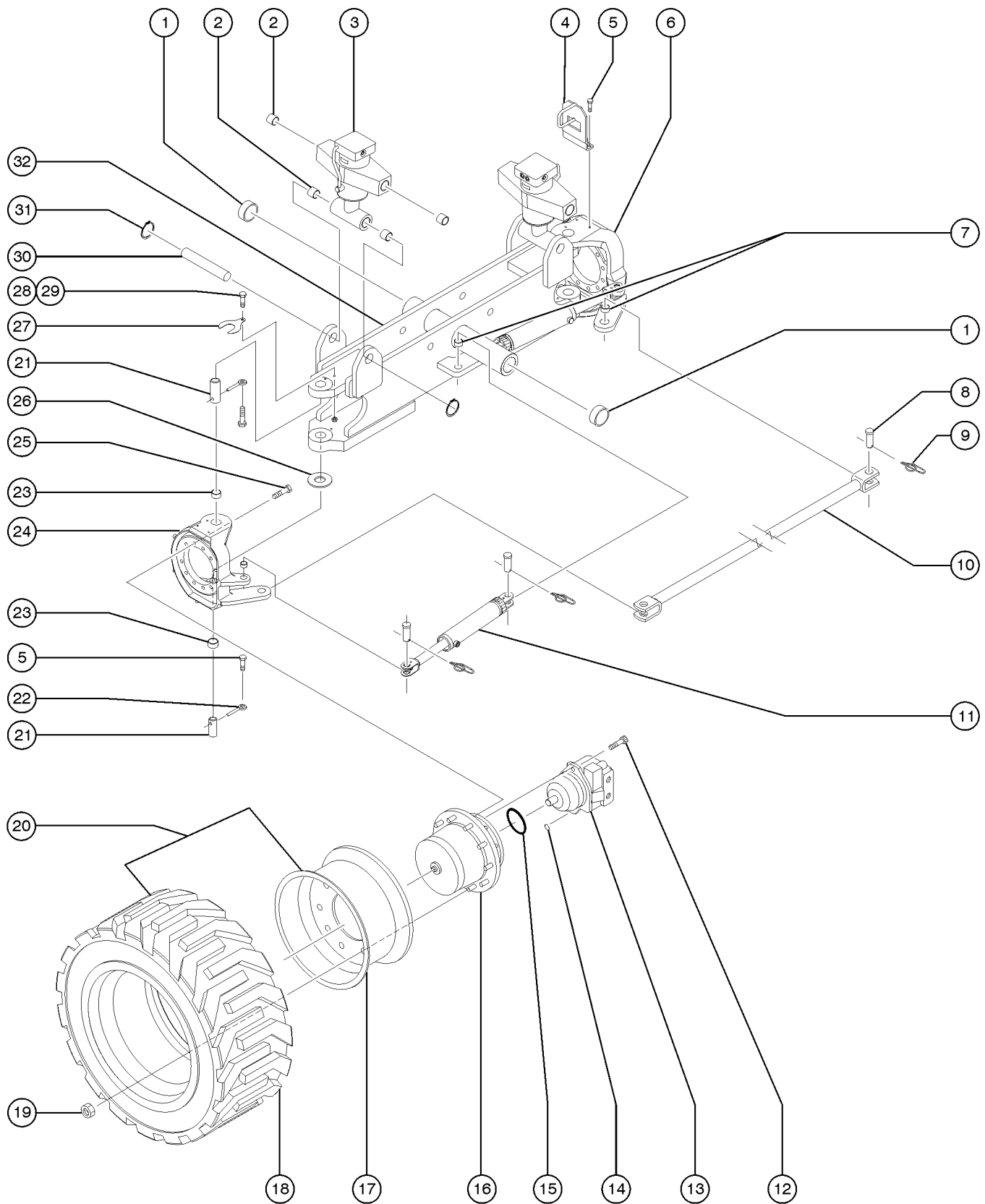
104.1 Decals with Symbols, S-85 (to SN 8499)



104.1 Decals with Symbols, S-85 (to SN 8499)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	122398	DECAL KIT, SYMBOL, S80/85 (Includes items 1-6, 18-22, 26-36, and 38- 41); to SN 8499		25	82671	DECAL,LABEL,WELD LINE INST,SYM.....	2
--	T108104	DECAL KIT,SYMBOL,S80/85 (Includes items 1-6, 18-23, 26-35, and 37- 41); from SN 8500		26	97815	DECAL,LABEL,LOWER MIDRAIL....	1
1	27204	DECAL,ARROW BLUE.....	1	27	114099	DECAL,LABEL,TRANSPORT DIAGRAM.....	2
2	27205	DECAL,ARROW YELLOW LRG 9".....	1	28	114247	DECAL,LABEL,FALL HAZARD***....	1
3	27206	DECAL,TRIANGLE,BLUE.....	2	29	114249	DECAL,LABEL,TIPOVER,TIRES,SYMB.	4
4	27207	DECAL,TRIANGLE,YELLOW.....	2	30	114251	DECAL,LABEL,NO SMOKING,SYMB.....	1
5	40434	DECAL,LANYARD ANCHORAGE POINT.....	3	31	114465	DECAL GROUND CONTROL BOX.....	1
6	65278	DECAL,CAUTION,NO STEP.....	2	32	114473	DECAL,DANGER,TIPOVER,TILT,SYM.	1
7	28158	DECAL,LABEL,UNLEADED GAS ONLY.....	1	33	33550	TAPE,WARNING,BLK/YEL, 50'***.....	197-inches
8	28159	DECAL,DIESEL.....	1	34	133386	LABEL,TIRE PRESSURE, HF.....	4
9	28160	DECAL,LABEL,LIQUID PROPANE.....	1	35	133067	DECAL,DANGER,ELEC.HAZ.STAY CLR.....	2
10	28174	DECAL,POWER TO PLATFORM 230V.....	2	36	133075	DECAL,PLATFORM CONTROL PANEL.....	1
11	28235	DECAL,POWER TO PLATFORM 115V.....	2	--	133307	DECAL,PROTECTOR,CLEAR Part of the hostile protection option; to SN 8499	
12	44981	DECAL,LABEL,AIRLINE 110 PSI....	2	37	147603	DECAL, PLAT CNTL PNL.....	1
13	52966	DECAL,COSMETIC,4 X 2.....	1	--	T107895	DECAL,PROTECTOR,CLEAR Part of the hostile protection option; from SN 8500	
14	52967	DECAL,COSMETIC,4 X 4.....	1	38	133309	DECAL,LABEL,WHEEL LOAD S85.....	4
15	62922	DECAL,COSMETIC,GENIE S-85....	1	39	114252	DECAL,LABEL,TIP OVER LMT SWTCH.....	1
16	62923	DECAL,COSMETIC,S85.....	2	40	133387	DECAL,DRIVE ENABLE PATCH....	1
17	77046	SERIAL # LABEL,MYLAR 4X8***....	1	41	133413	DECAL, EMERGENCY LOWERING.....	1
--	77183	FILM,POLY,CLEAR,4.5 X 8.75		42	122680	DECAL, GRAY STRIP, RH, S80/85.....	1
18	82472	DECAL,WARNING,CRUSHING HAZARD.....	5	43	122681	DECAL, GRAY STRIP, LH, S80/85.....	1
19	82473	DECAL,SYMBOL-COMP ACCESS.....	1	44	T112773	TAPE, PROTECTIVE MASK.....	2
20	82481	DECAL,SYMBOL-BATTERY SAFETY.....	1			from SN 8780	
21	82487	DECAL,SYMBOL-READ THE MANUAL.....	4				
22	82548	DECAL,WARN,CRUSH HAZARD PLAT.....	2				
23	82601	DECAL,LABEL,MAX CAPACITY***.....	1				
24	82602	DECAL,DANGER,MAX SIDE FRC,667N.....	1				

201.1 Steer End (to SN 8973)



201.1 Steer End (to SN 8973)

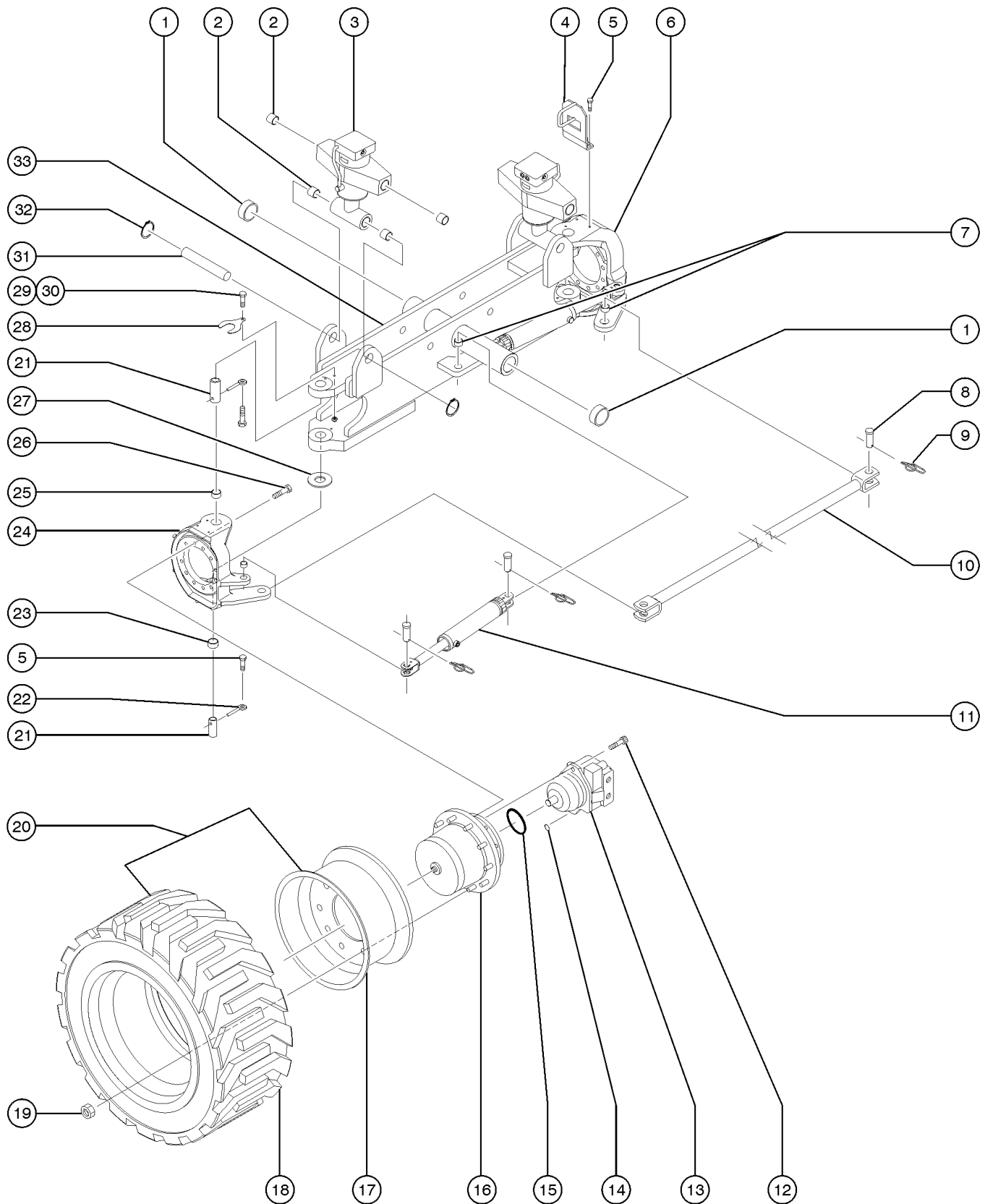
Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	27698	BEARING,2.50IDX2.75ODX2.00L....2		--	226215	END COVER O-RING,WHEEL DRIVE <i>Units built after 12/19/2008 must use o-ring 226215 with their end cover (included in assembly 226213)</i>	
2	119620	BEARING,1.75IDX2.00ODX1.50L....8		--	33441	STUD,WHEEL,3/4-16, (34115) <i>(Part of item 121292)</i>	
3	81330	CYLINDER,OSCILLATE***.....2		16A	121291	WHEEL DRIVE,86.74:1***.....2 <i>High-flotation option (refer to 206.1)</i>	
--	33428	VALVE,COUNTERBALANCE		16B	121351	2 WD SPINDLE,IDLER.....2 <i>(Refer to 204.1)</i>	
--	43018	SEAL KIT (39345)		17	121270	WHEEL,HF,22.5 X 14.00 <i>for 121281, 121280</i>	
--	77519	SEAL KIT,OSC CYLINDER (81330)*		--	121268	WHEEL,24.5 X 15.00 <i>for 227804, 227805, 227985, 228805</i>	
4	121307	WELDMNT,GUIDE BRACKET,YOKE.....2 <i>(4WD models)</i>		18	81164	TIRE,41/18LL X 22.5,14PR,TURF* <i>for 121281, 121280</i>	
5	75051	SCREW,SER FLNG3/8UNCX3/4ZNYEL.....8		--	101943	TIRE,18-625,16 PLY RT HBR,N-M <i>for 227985, 228805</i>	
6	111694	MACHINED,YOKE,RIGHT.....1		--	88261	TIRE,18-625,16 PLY,RT HBR <i>for 227804, 227805</i>	
7	25817	BEARING,1.00IDX1.25ODX1.00L....6		19	34127	NUT,LUG,3/4-16 X 7/8 RADIUS.....22	
8	19440	PIN,CLEVIS,1 X 2.5 LG.....6		20	121286	TIRE & WHEEL ASSY,RT LP FOAM,L.....1 <i>RT, Foam-filled, left (11 holes)</i>	
9	74389	RUE RING 1.00.....6		--	121287	TIRE & WHEEL ASSY,RT LP FOAM,R.....1 <i>RT, Foam-filled, right (11 holes)</i>	
10	121004	WELDMNT, TIE ROD, S80.....1		--	121271	TIRE & WHEEL ASSY,FOAM NM,LH.....1 <i>RT, Foam-filled, Non-marking, left</i>	
11	59370	CYLINDER,STEER.....2		--	121272	TIRE & WHEEL ASSY,FOAM NM,RH.....1 <i>RT, Foam-filled, Non-marking, right</i>	
--	88349	SEAL KIT,STEER CYL ***		--	227804	TIRE & WHEEL ASSY,RT LP FOAM,L <i>RT, LP Foam-filled RNU, left</i>	
12	123164	SCREW,FLANGE,1/2-13X1.25,GR 8.....4		--	227805	TIRE & WHEEL ASSY,RT LP FOAM,R <i>RT, LP Foam-filled RNU, right</i>	
13	101070	MOTOR,PISTON,2 SPEED,45CC....2 <i>(4WD and High-flotation option)</i>		--	227985	TIRE & WHEEL ASSY,FOAM, NM,LH <i>RT, Foam-filled RNU, Non-marking, left</i>	
--	106098	SEAL KIT,MOTOR,LC/KC***		--	228805	TIRE & WHEEL ASSY,FOAM NM,RH <i>RT, Foam-filled RNU, Non-marking, right</i>	
14	106117	O-RING,2-010,VITON		20D	121281	ASSEMBLY,TIRE WHEEL,HF.....2 <i>Turf, Air-filled (includes items 17-18)</i>	
15	106118	O-RING,2-157,VITON***.....2					
16	121292	WHEEL DRIVE,58.33:1.....2					
--	106122	CAP,DISENGAGE,4HP/4HB*** <i>(Part of item 121292)</i>					
--	111361	SEAL KIT (111090) <i>(Part of item 121292)</i>					
--	111362	BOLT,WHEEL DRIVE CAP(106122) <i>(Part of item 121292)</i>					
--	111363	O-RING,DISCONNECT ROD (111060) <i>(Part of item 121292)</i>					
--	146495	O-RING <i>Units built before 12/19/2008 must use o-ring 146495 with their end cover (if end cover assembly 226213 was used, then use o-ring 226215)</i>					
--	226213	END COVER,WHEEL DRIVE *** <i>Includes O-ring part 226215</i>					

201.1 Steer End (to SN 8973) (continued)

Item	Part No.	Description	Qty.
20E	121280	ASSY,TIRE/WHEEL,HF,W/SEALANT.2 <i>Turf, Air-filled, with sealant (includes items 17-18)</i>	
21	30199	PIN,1.75DIA X 4.50LG,THREADED...4	
22	45226	ROD END,.375 X 3.69.....4	
23	51144	BEARING,1.75ID X 2.00OD X 1.25L....4	
24	111692	MACHINED,YOKE,LEFT.....1	
25	111155	SCREW,FLANGE,HHC,5/8-11X2,GR8.24	
26	60555	WASHER,THRUST 5 X 1.81 BRONZE.....2	
27	88241	SHIM,GALVANIZED STEER YOKE	
28	121078	SCREW,FLANGE,HHC,3/8-16X2.5..2	
29	121422	NUT,HEX,FLG,3/8-16	
30	121371	PIN,1.75DIA X 10.50LG,2 RING.....2	
31	825759	SNAP RING,EXTERNAL,1.75,ZAG.....4	
32	122670	STEER AXLE ASSY W/BEARINGS	

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201.2 Steer End (from SN 8974)



201.2 Steer End (from SN 8974)

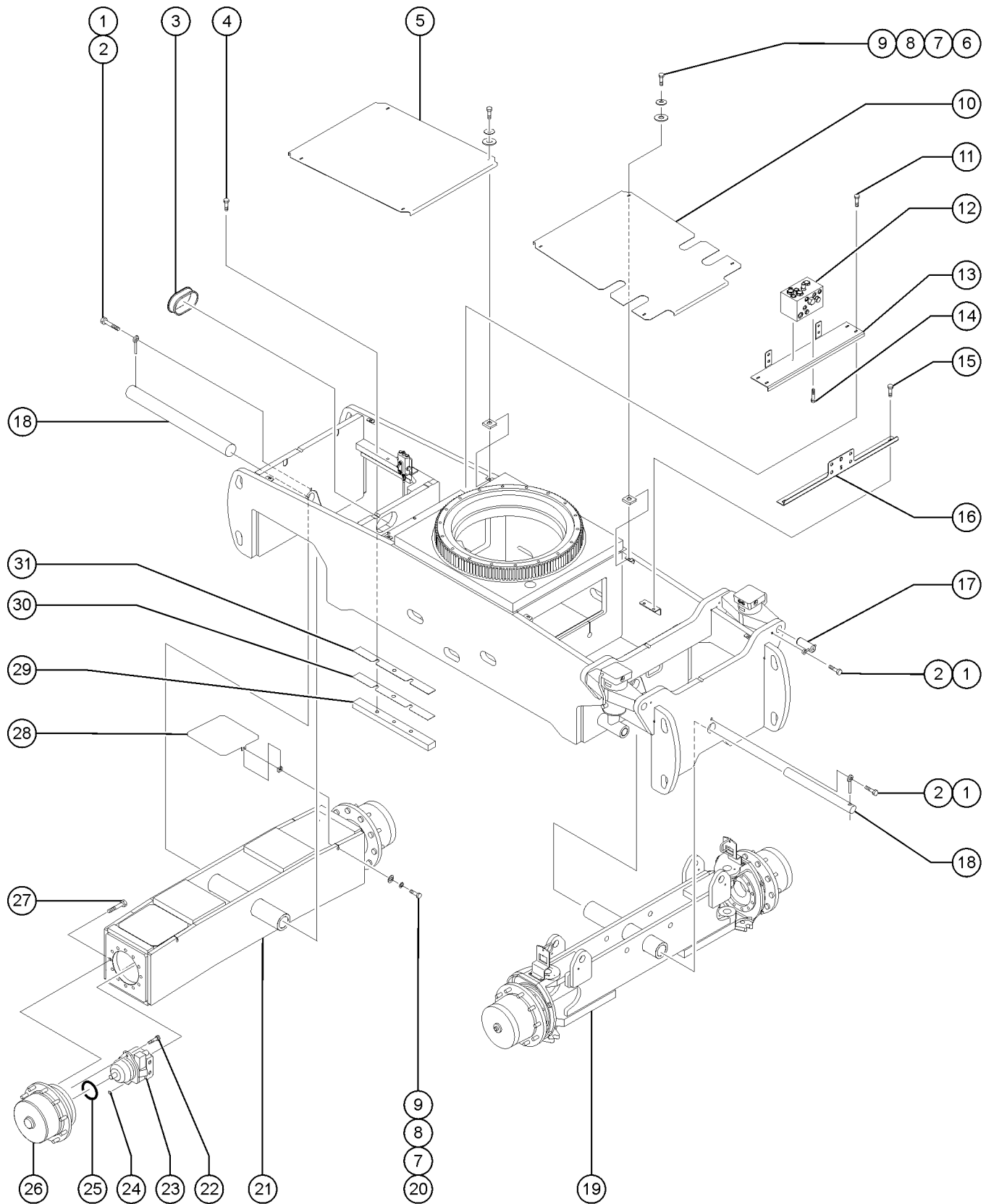
Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	27698	BEARING,2.50IDX2.75ODX2.00L....2		19	34127	NUT,LUG,3/4-16 X 7/8 RADIUS.....22	
2	119620	BEARING,1.75IDX2.00ODX1.50L....8		20	121286	TIRE & WHEEL ASSY,RT LP FOAM,L.....1	
3	81330	CYLINDER,OSCILLATE***.....2				RT, Foam-filled, left (11 holes)	
--	33428	VALVE,COUNTERBALANCE		--	121287	TIRE & WHEEL ASSY,RT LP FOAM,R.....1	
--	43018	SEAL KIT (39345)				RT, Foam-filled, right (11 holes)	
--	77519	SEAL KIT,OSC CYLINDER (81330)*		--	121271	TIRE & WHEEL ASSY,FOAM NM,LH.....1	
4	121307	WELDMENT,GUIDE BRACKET,YOKE.....2				RT, Foam-filled, Non-marking, left	
		(4WD models)		--	121272	TIRE & WHEEL ASSY,FOAM NM,RH.....1	
5	75051	SCREW,SER FLNG3/8UNCX3/4ZNYEL.....8				RT, Foam-filled, Non-marking, right	
6	111694	MACHINED,YOKE,RIGHT.....1		--	227804	TIRE & WHEEL ASSY,RT LP FOAM,L.....1	
		to SN 9576				RT, LP Foam-filled RNU, left	
--	229351	ASSY,S-80 YOKE,W/BEARINGS,RFLR from SN 9577		--	227805	TIRE & WHEEL ASSY,RT LP FOAM,R.....1	
7	25817	BEARING,1.00IDX1.25ODX1.00L....6				RT, LP Foam-filled RNU, right	
8	19440	PIN,CLEVIS,1 X 2.5 LG.....6		--	227985	TIRE & WHEEL ASSY,FOAM, NM,LH.....1	
9	74389	RUE RING 1.00.....6				RT, Foam-filled RNU, Non-marking, left	
10	121004	WELDMENT, TIE ROD, S80.....1		--	228805	TIRE & WHEEL ASSY,FOAM NM,RH.....1	
11	59370	CYLINDER,STEER.....2				RT, Foam-filled RNU, Non-marking, right	
--	88349	SEAL KIT,STEER CYL***		--	139828	TIRE WHEEL ASSY,LEFT,SOLID....1	
12	227778	SCREW, HHF,M12-1.75X30,10.9				Solid, left	
13	101070	MOTOR,PISTON,2 SPEED,45CC....2		--	139829	TIRE WHEEL ASSY,RIGHT,SOLID.....1	
		(4WD and High-flotation option)				Solid, right	
--	106098	SEAL KIT,MOTOR,LC/KC***		--	121281	ASSEMBLY,TIRE WHEEL,HF.....1	
14	106117	O-RING,2-010,VITON				Turf, Air-filled (includes items 17-18)	
15	106118	O-RING,2-157,VITON***.....2		--	121280	ASSY,TIRE/WHEEL,HF,W/SEALANT.1	
16A	227775	WHEEL DRIVE,W/BRAKE 57.49:1 (Refer to 205.1)				Turf, Air-filled, with sealant (includes items 17-18)	
16B	227776	WHEEL DRIVE W/BRAKE 86.74:1 High-flotation option (refer to 206.1)		21	30199	PIN,1.75DIAX4.50LG,THREADED...4	
16C	227774	WHEEL DRIVE, IDLER.....2		22	45226	ROD END,,375 X 3.69.....4	
		(Refer to 204.1)		23	51144	BEARING,1.75IDX2.00ODX1.25L....4	
17	121270	WHEEL,HF,22.5 X 14.00 for 121281, 121280				to SN 9576	
--	121268	WHEEL,24.5 X 15.00 for 227804, 227805, 227985, 228805		--	119620	BEARING,1.75IDX2.00ODX1.50L from SN 9577	
18	81164	TIRE,41/18LL X 22.5,14PR,TURF* for 121281, 121280		24	111692	MACHINED,YOKE,LEFT.....1	
--	101943	TIRE,18-625,16 PLY RT HBR,N-M for 227985, 228805				to SN 9576	
--	88261	TIRE,18-625,16 PLY,RT HBR for 227804, 227805		--	229350	ASSY,S-80 YOKE,W/BEARINGS,LFRR from SN 9577	

201.2 Steer End (from SN 8974)
(continued)

Item	Part No.	Description	Qty.
25	51144	BEARING,1.75IDX2.00ODX1.25L....4 to SN 9576	
26	227779	SCREW,HHF,M16-2.0X50 10.9.....2 from SN 9577	
27	60555	WASHER,THRUST 5 X 1.81 BRONZE.....2	
28	88241	SHIM,GALVANIZED STEER YOKE	
29	121078	SCREW,FLANGE,HHF,3/8-16X2.5..2	
30	121422	NUT,HEX,FLG,3/8-16	
31	121371	PIN,1.75DIA X 10.50LG,2 RING.....2	
32	825759	SNAP RING,EXTERNAL,1.75,ZAG.....4	
33	122670	STEER AXLE ASSY W/BEARINGS	

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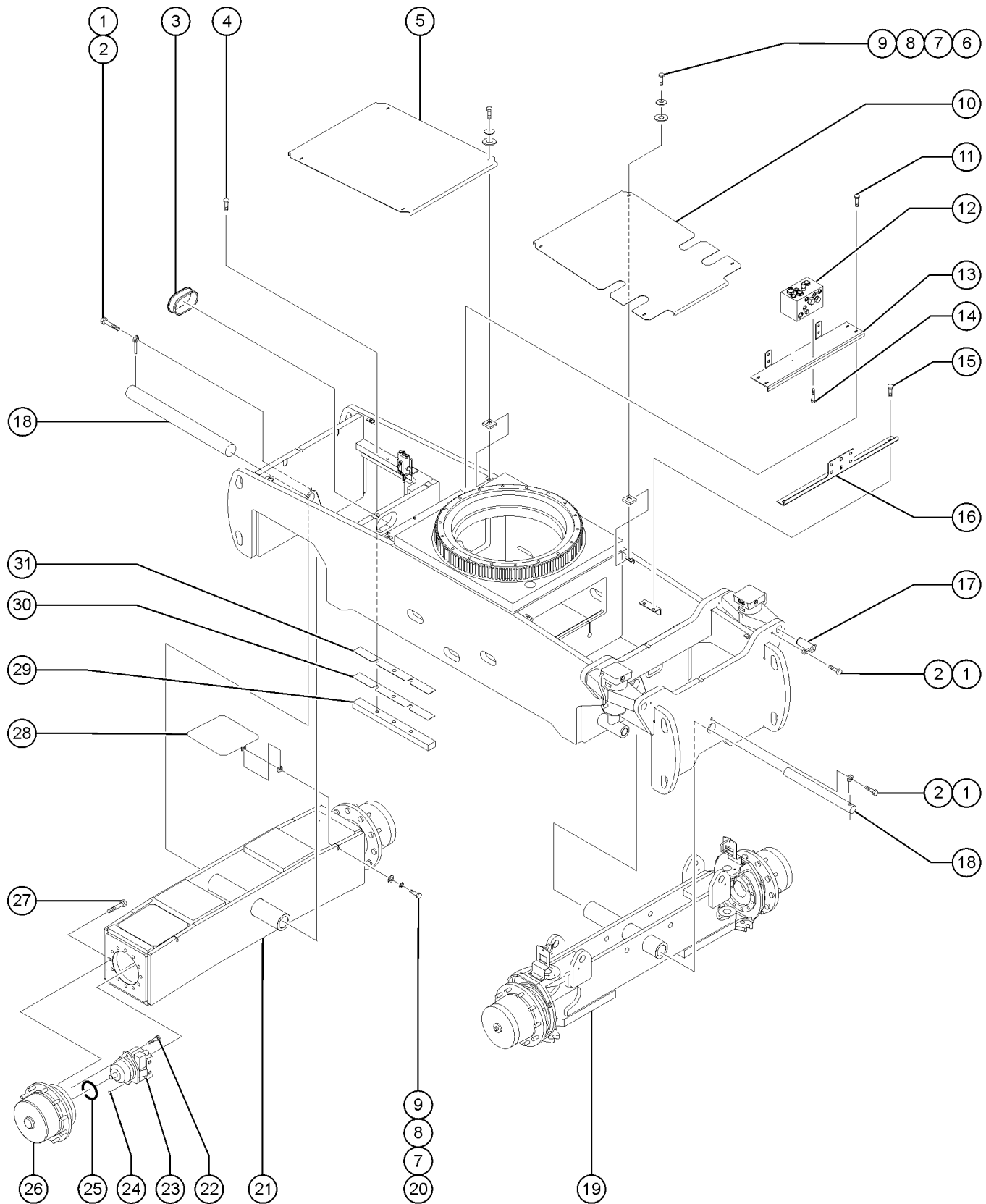
202.1 Axle Installation (to SN 8973)



202.1 Axle Installation (to SN 8973)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	123167	FLGHCS,1/2-13X1.50,GR8,BLK PH		--	111363	O-RING,DISCONNECT ROD (111060) (Part of item 121292)	
2	30418	ROD END,.50 X 4.....	2	--	146495	O-RING Units built before 12/19/2008 must use o-ring 146495 with their end cover (if end cover assembly 226213 was used, then use o-ring 226215)	
3	53387	GUARD, HOSE PROTECTOR.....	1	--	226213	END COVER,WHEEL DRIVE *** Includes O-ring part 226215	
4	121071	SCREW,HHC,FLG,1/2-13 X 2.50GR8		--	226215	END COVER O-RING,WHEEL DRIVE Units built after 12/19/2008 must use o-ring 226215 with their end cover (included in assembly 226213)	
5	77537	COVER,ASSY,DR CHASSIS REAR S80.....	1	--	33441	STUD,WHEEL,3/4-16, (34115) (Part of item 121292)	
6	6090	SCREW,HHC,1/4-20 X .75		26B	121291	WHEEL DRIVE,86.74:1***.....	2
7	6356	WASHER,LOCK,.25				2WD and High-flotation option (refer to 206.1)	
8	6638	WASHER,FLAT,USS,1/4"Y		27	111155	SCREW,FLANGE,HHC,5/8-11X2,GR8	
9	56912	SPRING CLIP,1/4-20,.025-.15X.5.....	12	28	121349	FORMING,COVER,REAR AXLE.....	2
10	77538	COVER,ASSY,DRIVE CHASSIS FRONT.....	1	29	88092	BAR,AXLE ROTATION STOP,OSC.....	2
11	121066	SCREW,HHC,FLG,3/8-16 X 1 GR8		30	81610	SHIM,AXLE ROTATION STOP,16G	
12	REF.	TRACTION MANIFOLDS (Refer to 701.1)		31	81609	SHIM,AXLE ROTATION STOP,22G	
13	121224	FORMING, TRAC. CONT. MAN. BRKT.....	1				
14	123166	FLGHCS,1/2-13X1.00,GR8,BLK PH					
15	121066	SCREW,HHC,FLG,3/8-16 X 1 GR8					
16	121223	FORMING, BULKHEAD BRKT.....	1				
17	81498	PIN,1.75DIAX4.50LG,THREADED					
18	81378	PIN,2.50DIAX27.63LG,1HOLE					
19	REF.	Steer End (Refer to 201.1)					
20	6637	SCREW,HHC,1/4-20 X 1.75					
21	122671	NON-STEER AXLE ASSY W/BEARINGS.....	1				
22	123164	SCREW,FLANGE,1/2-13X1.25,GR 8					
23	101070	MOTOR,PISTON,2 SPEED,45CC....	2				
		(4WD and High-flotation option)					
--	121668	MOTOR,PISTON,2 SPEED,45CC/18CC.....	2				
		(2WD models)					
24	106117	O-RING,2-010,VITON.....	2				
25	106118	O-RING,2-157,VITON***.....	2				
26A	121292	WHEEL DRIVE,58.33:1.....	2				
--	106122	CAP,DISENGAGE,4HP/4HB*** (Part of item 121292)					
--	111361	SEAL KIT (111090) (Part of item 121292)					
--	111362	BOLT,WHEEL DRIVE CAP(106122) (Part of item 121292)					

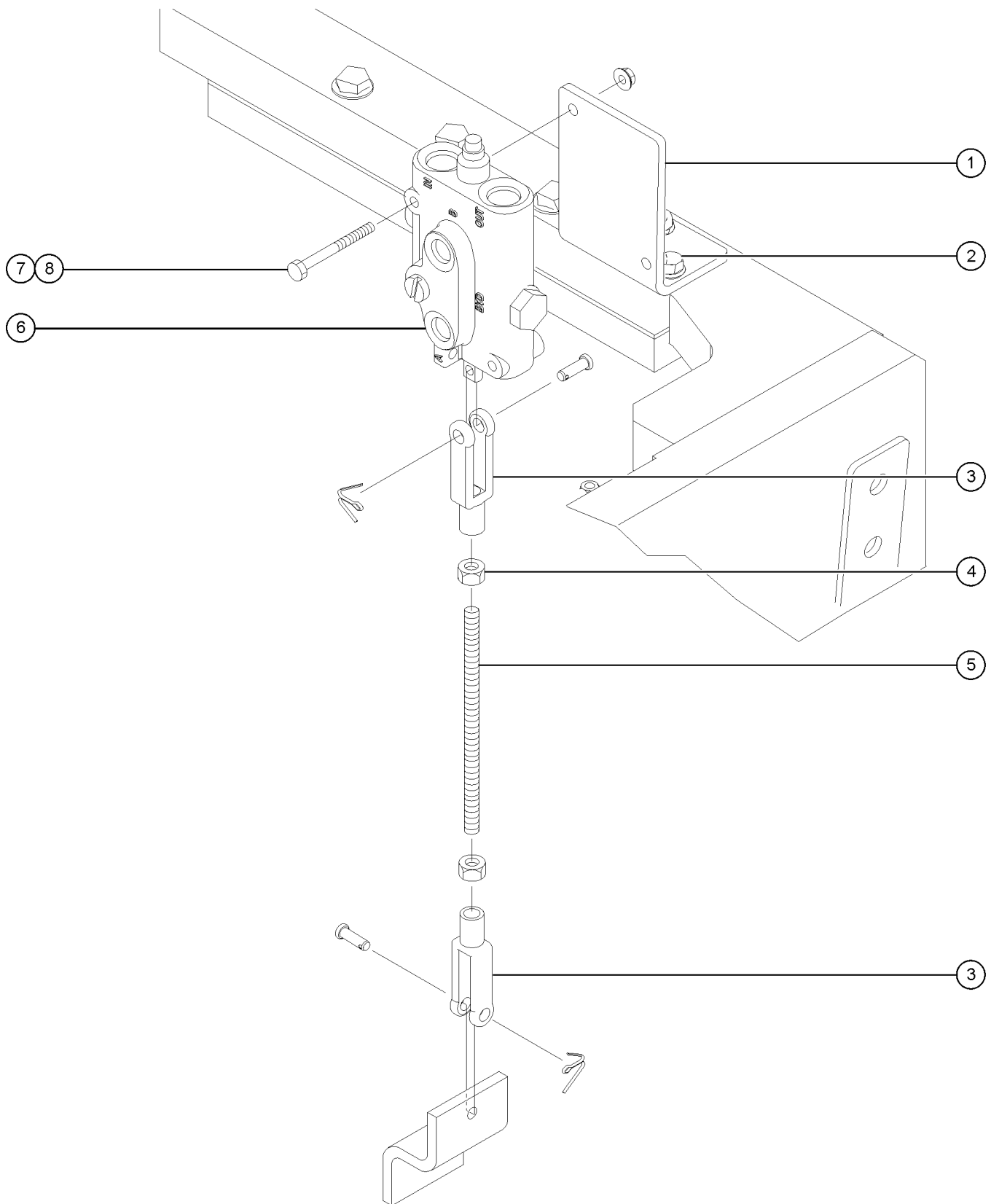
202.2 Axle Installation (from SN 8974)



202.2 Axle Installation (from SN 8974)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	123167	FLGHCS,1/2-13X1.50,GR8,BLK PH		29	88092	BAR,AXLE ROTATION STOP,OSC.....	2
2	30418	ROD END,.50 X 4.....	2	30	81610	SHIM,AXLE ROTATION STOP,16G	
3	53387	GUARD, HOSE PROTECTOR.....	1	31	81609	SHIM,AXLE ROTATION STOP,22G	
4	121071	SCREW,HHC,FLG,1/2-13 X 2.50GR8					
5	77537	COVER,ASSY,DR CHASSIS REAR S80.....	1				
6	6090	SCREW,HHC,1/4-20 X .75					
7	6356	WASHER,LOCK,.25					
8	6638	WASHER,FLAT,USS,1/4"Y					
9	56912	SPRING CLIP,1/4-20,.025-.15X.5.....	12				
10	77538	COVER,ASSY,DRIVE CHASSIS FRONT.....	1				
11	121066	SCREW,HHC,FLG,3/8-16 X 1 GR8					
12	REF.	TRACTION MANIFOLDS (Refer to 701.1)					
13	121224	FORMING, TRAC. CONT. MAN. BRKT.....	1				
14	123166	FLGHCS,1/2-13X1.00,GR8,BLK PH					
15	121066	SCREW,HHC,FLG,3/8-16 X 1 GR8					
16	121223	FORMING, BULKHEAD BRKT.....	1				
17	81498	PIN,1.75DIAX4.50LG,THREADED					
18	81378	PIN,2.50DIAX27.63LG,1HOLE					
19	REF.	Steer End (Refer to 201.2)					
20	6637	SCREW,HHC,1/4-20 X 1.75					
21	122671	NON-STEER AXLE ASSY W/BEARINGS.....	1				
22	227778	SCREW, HHF,M12-1.75X30,10.9					
23	101070	MOTOR,PISTON,2 SPEED,45CC....	2				
		(4WD and High-flotation option)					
--	121668	MOTOR,PISTON,2 SPEED,45CC/18CC.....	2				
		(2WD models)					
24	106117	O-RING,2-010,VITON.....	2				
25	106118	O-RING,2-157,VITON***.....	2				
26A	227775	WHEEL DRIVE,W/BRAKE 57.49:1 (Refer to 205.1)					
26B	227776	WHEEL DRIVE W/BRAKE 86.74:1 2WD and High-flotation option (refer to 206.1)					
27	227779	SCREW,HHF,M16-2.0X50 10.9					
28	121349	FORMING,COVER,REAR AXLE.....	2				

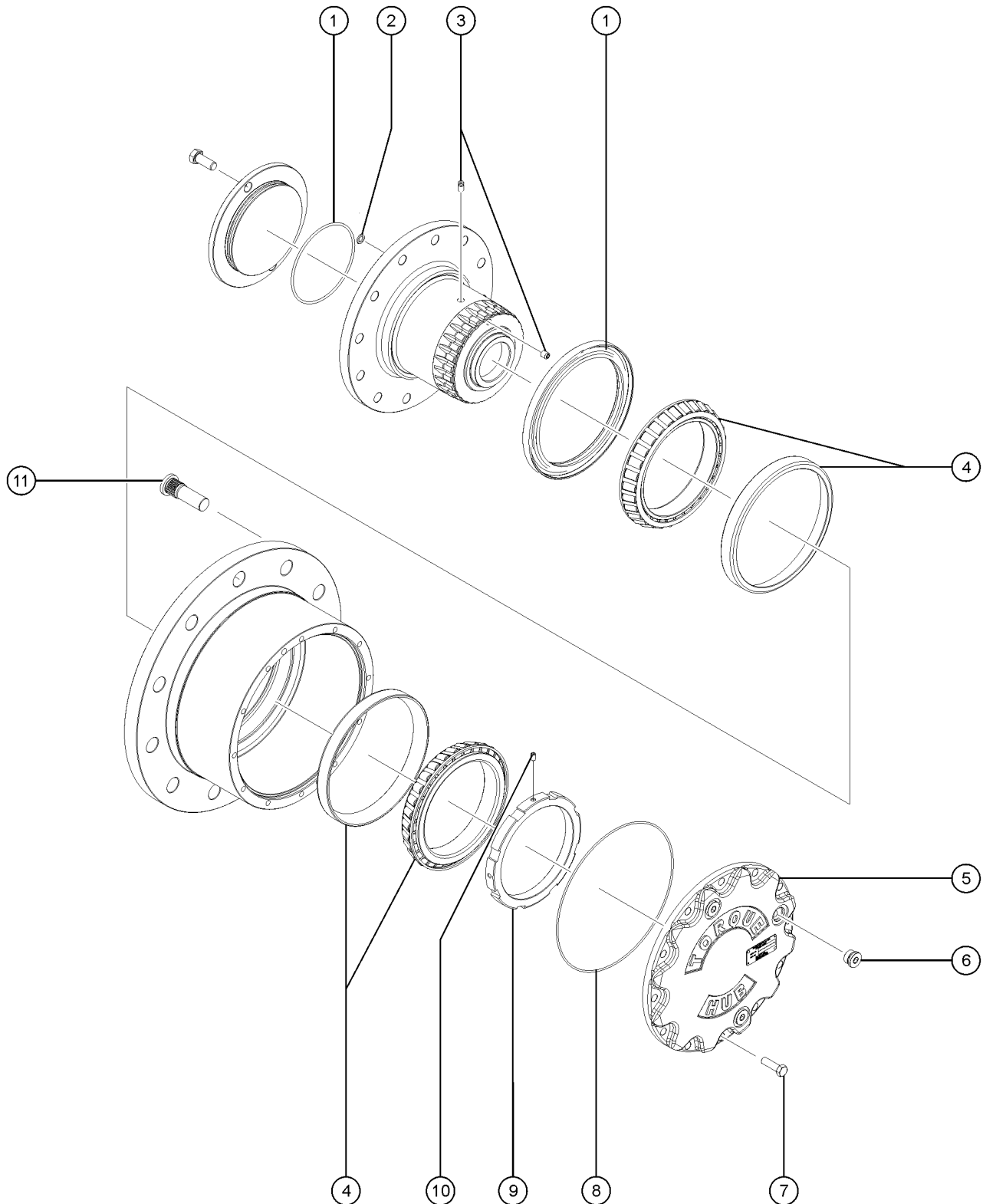
203.1 Oscillation Control Valve



203.1 Oscillation Control Valve

Item	Part No.	Description	Qty.
1	121269	FORMING,,OSC.....	1
2	75051	SCREW,SER FLNG3/8UNCX3/4ZNYEL.....	2
3	21130	CLEVIS YOKE-1/4-28,PLTD W/PIN..... <i>(Includes clevis pin and cotter pin)</i>	2
4	21496	NUT,HEX,1/4-28.....	2
5	30785-600	THREADED ROD,1/4-28 X 6 IN***.....	1
6	49768	VLV,MAN,3 POS/4 WAY,CLOSE CTR*.....	1
7	121067	SCREW,HHC,FLG,1/4-20 X 2.00.....	2
8	121421	NUT,FLG,1/4-20.....	2

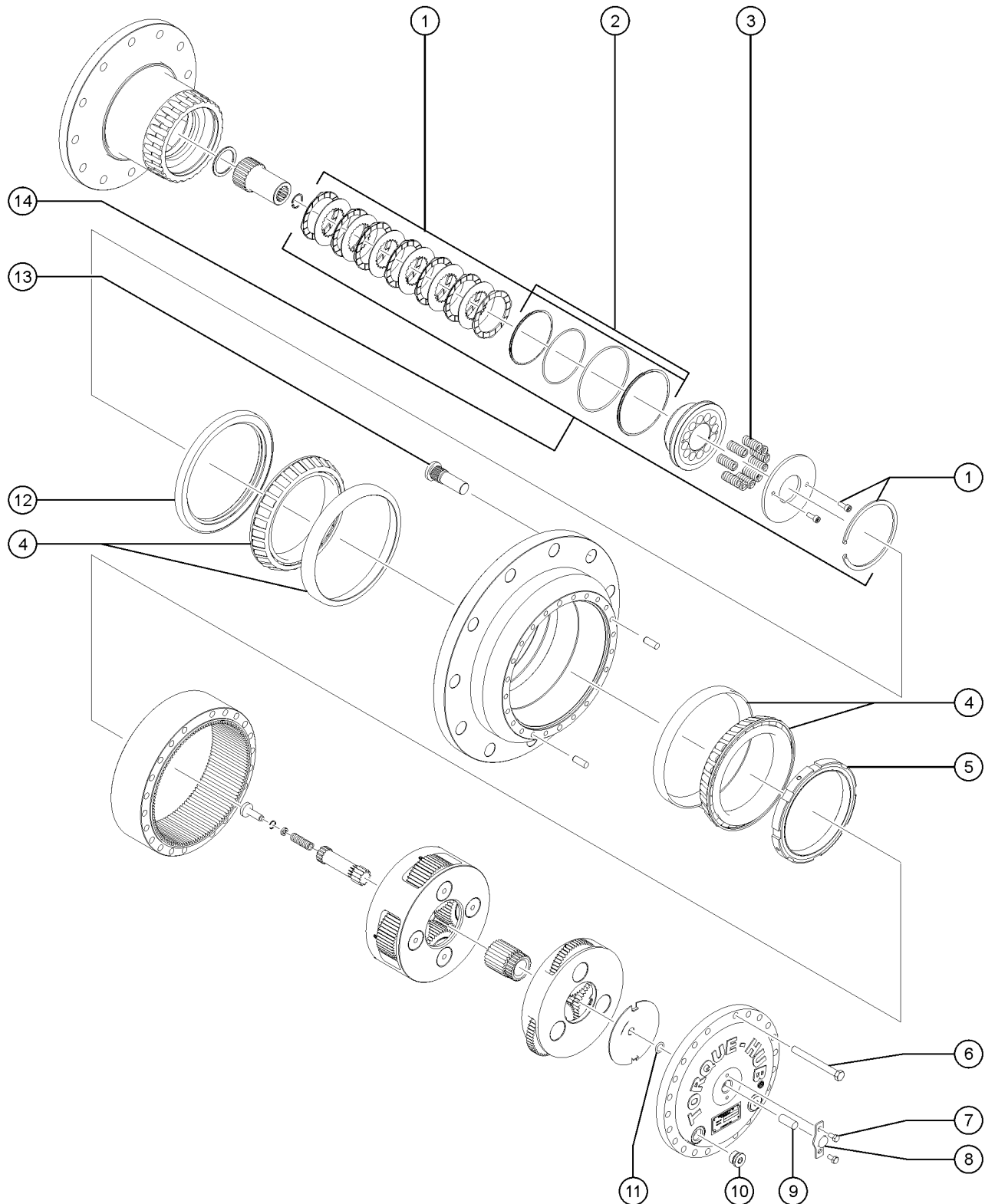
204.1 Hub Assembly - 2 WD Spindler



204.1 Hub Assembly - 2 WD Spindler

Item	Part No.	Description	Qty.
--	121351	2 WD SPINDLE,IDLER	
--	227774	WHEEL DRIVE, IDLER <i>Shown</i>	
1	T111507	SEAL KIT (121291)*** <i>Includes O-ring part 33990</i>	
2	235135	O-ring.....	1
3	235136	EXPANSION PLUG.....	2
4	235137	BEARING, TAPERED - ASSY.....	2
5	122460	COVER PLATE (121351).....	1
6	58237	PLUG,TORQUE HUB,DRAIN***.....	3
7	235138	BOLT,HEX-UNC(.375-16,1.25g).....	12
8	33990	O-RING, TORQUE HUB COVER..... <i>Part of seal kit T111507</i>	1
9	146051	BEARING NUT***.....	1
10	146052	SET SCREW***.....	1
11	33441	STUD,WHEEL,3/4-16, (34115).....	11

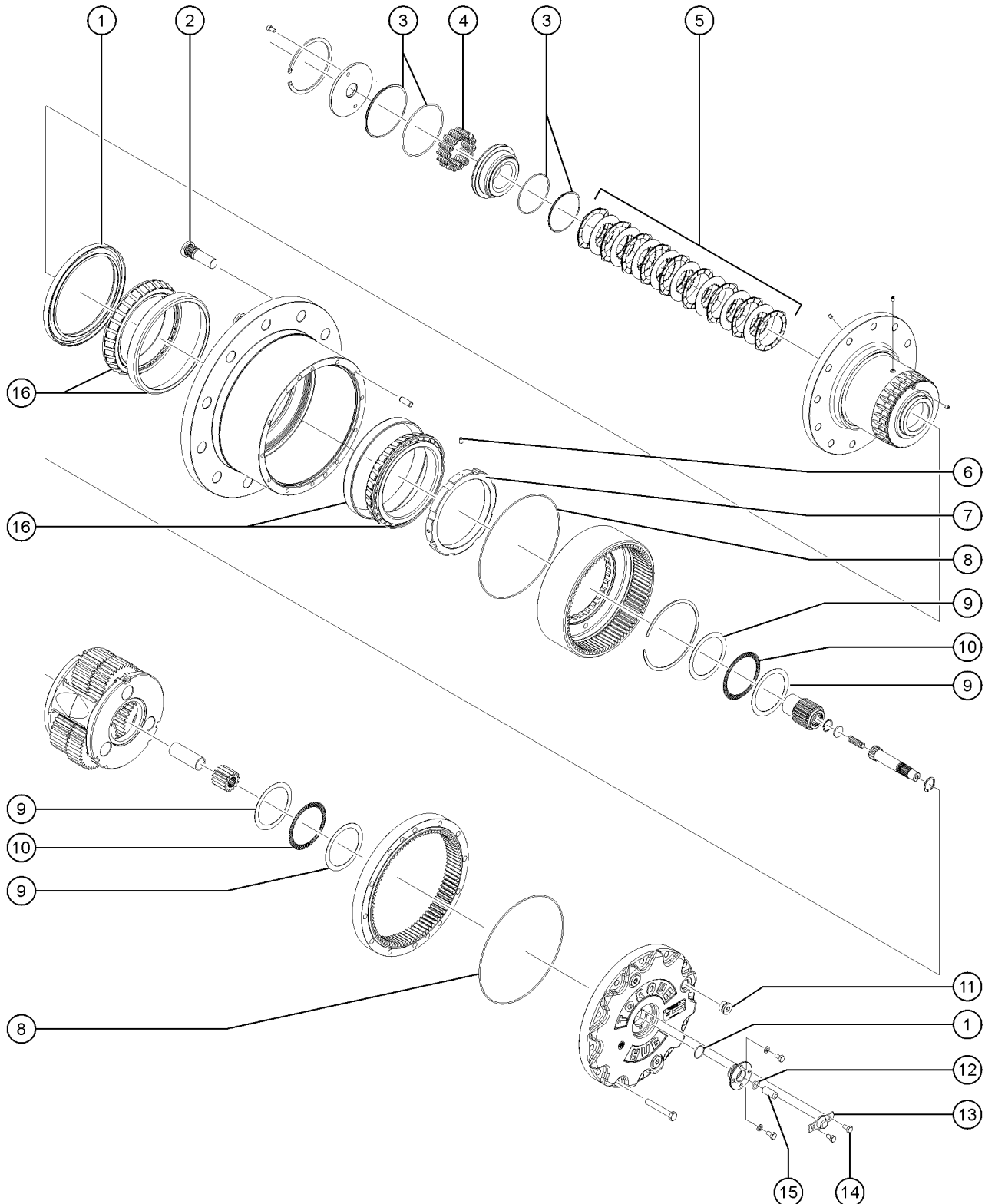
205.1 Drive Hub Assembly with Brake - Type 1



205.1 Drive Hub Assembly with Brake - Type 1

Item	Part No.	Description	Qty.
--	227775	WHEEL DRIVE,W/BRAKE 57.49:1 <i>Shown</i>	
1	235133	Brake Lining Kit.....	1
2	235139	Brake Seal Kit.....	1
3	235140	Spring Kit.....	1
4	235137	BEARING, TAPERED - ASSY.....	2
5	146051	BEARING NUT***.....	1
6	235151	BOLT,HEX-UNC(.375-16).....	22
7	111362	BOLT,WHEEL DRIVE CAP(106122).....	2
8	106122	CAP,DISENGAGE,4HP/4HB***.....	1
9	235152	DISENGAGE, ROD.....	1
10	235153	PIPE PLUG, MAGN.....	2
11	111363	O-RING,DISCONNECT ROD (111060).....	1
12	215623	SEAL KIT (227775)..... <i>Includes 2 O-rings (not shown) and bearing nut part 146051</i>	1
13	33441	STUD,WHEEL,3/4-16, (34115).....	11
14	235150	Brake Replacement Kit.....	1

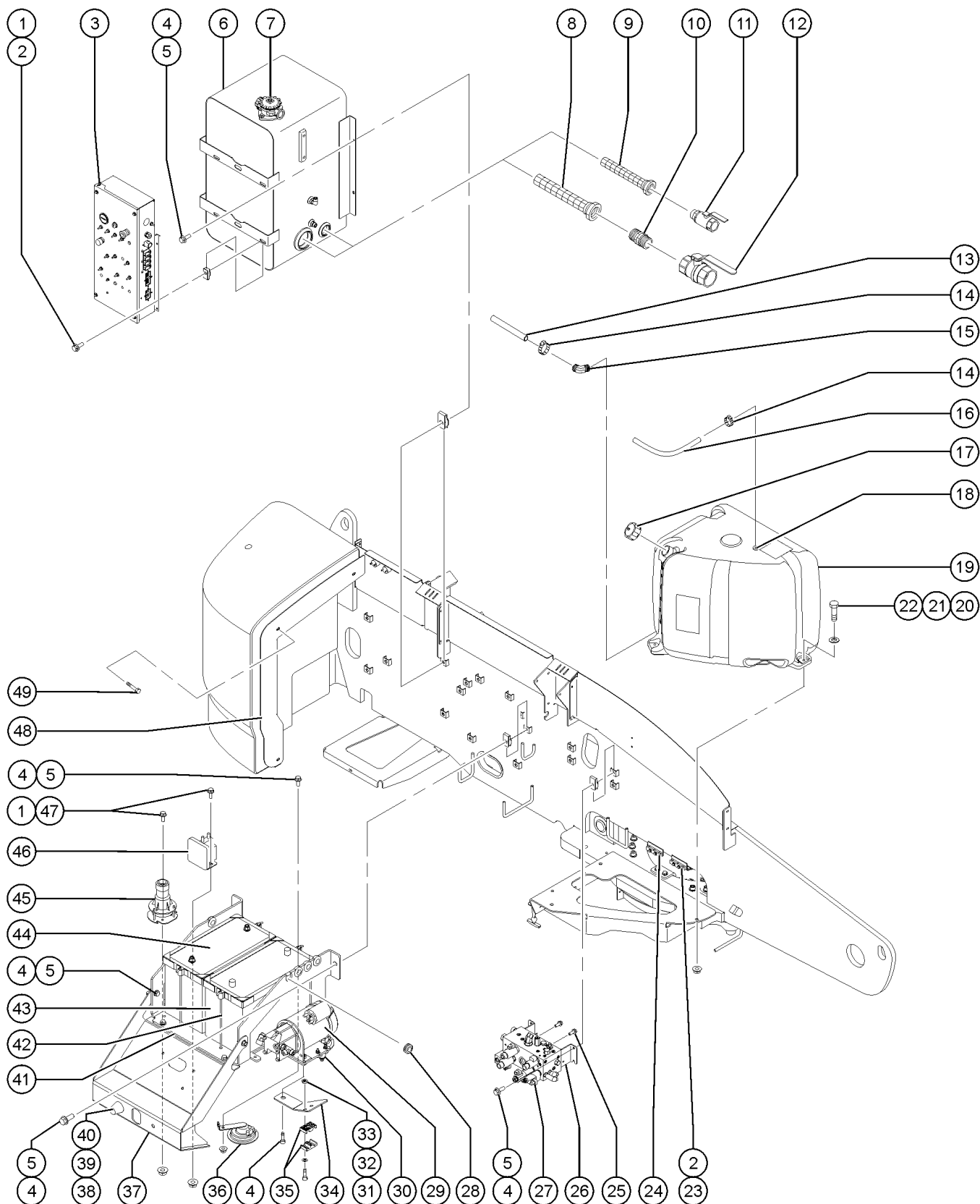
206.1 Drive Hub Assembly with Brake - Type 2



206.1 Drive Hub Assembly with Brake - Type 2

Item	Part No.	Description	Qty.
--	121291	WHEEL DRIVE,86.74:1***	
--	227776	WHEEL DRIVE W/BRAKE 86.74:1 <i>Shown</i>	
1	T111507	SEAL KIT (121291)***.....1 <i>Includes items 8 and 12</i>	
2	33441	STUD,WHEEL,3/4-16, (34115).....11	
3	122878	BRAKE LINING KIT (121291).....1	
4	122879	SPRING KIT (121291).....1	
5	106125	SEAL KIT, BRAKE, 4HP.....1	
6	146052	SET SCREW***.....1	
7	146051	BEARING NUT***.....1	
8	33990	O-RING, TORQUE HUB COVER.....2 <i>Part of seal kit T111507</i>	
9	58999	WASHER,THRUST,(33434)**.....4	
10	65846	BEARING,THRUST WASHER***.....2	
11	58237	PLUG,TORQUE HUB,DRAIN***.....3	
12	111363	O-RING,DISCONNECT ROD (111060).....1 <i>Part of seal kit T111507</i>	
13	106122	CAP,DISENGAGE,4HP/4HB***.....1	
14	235154	BOLT,HEX-UNC(.250-20, .500G).....4	
15	235152	DISENGAGE, ROD.....1	
16	235137	BEARING, TAPERED - ASSY.....2	

301.1 Hydraulic and Fuel Tanks - Diesel Models



301.1 Hydraulic and Fuel Tanks - Diesel Models

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	121419	SCREW,HHF,1/4-20 X .75		--	823420	HOSE,FUEL,3/8,GATES RLA.....123-inches (Deutz models with fuel tank part 823396); from SN 11189	
2	56912	SPRING CLIP,1/4-20,.025-.15X.5		17	101726	CAP,FUEL,DIESEL,1/8"VENT(GRN).1	
3	REF.	GROUND CONTROL BOX (Refer to 303.1)		18	88091	FUEL RETURN,DAPCO 1/4" (Deutz models with fuel tank part 88684); to SN 11188	
4	121066	SCREW,HHC,FLG,3/8-16 X 1 GR8		--	102106	FUEL RETURN,DAPCO 5/16" (Perkins models with fuel tank part 88684); to SN 11188	
5	29868	SPRING CLIP,3/8-16		--	823356	TUBE,FUEL RETURN,3/8X3/8X23.5 (Deutz and Perkins models with fuel tank part 823396); from SN 11189	
6	111578	TANK, HYDRAULIC 40 GAL.....1		--	219144	3/8 MALE NPT X 1/4 BARB (Deutz and Perkins models with fuel tank part 823396); from SN 11189	
7	110345	FILTER ASSY,INTANK.....1		19	88684	TANK,FUEL 35 GAL PLASTIC,S60.....1 to SN 11188	
--	147223	SEAL,FILTER LID		--	823396	FUEL TANK ASSY,35 GAL PLASTIC from SN 11189	
--	6097	WASHER,FLAT,USS,3/8",Y		20	5224	SCREW,HHC,3/8-16 X 2	
--	6175	SCREW,HHC,3/8-16 X 1		21	6097	WASHER,FLAT,USS,3/8",Y	
--	88917	FILTER,ELEMENT,BETA(10)=200		22	4828	NUT,NYLOCK,3/8-16	
--	94526	GASKET,RETURN FILTER-77353		23	121069	SCREW,HHF,1/4-20 X 1.50	
8	75257	STRAINER ASSY,#24 O-RING.....1		24	121690	CLAMP,HALF,HARDLINE,3/8.....2	
9	101490	STRAINER,16 SAE F/24 SAE M.....1		25	16439	SCREW,FHS,3/8-16 X 1	
10	75254	UNION,STR.THREAD 24***.....1		26	121687	FORMING,MANIFOLD MOUNT.....1	
11	48996	VALVE,BALL,16 MSAE-16 FSAE***.....1		27	REF	FUNCTION MANIFOLD (Refer to 706.1)	
12	75256	VALVE BALL,24 FSAE-24 FSAE***.....1		28	104570	GROMMET,RUBBER .688 X .25 X 1.....6	
13	27089	HOSE,5/16 FUEL,SAE 30R7.....117-inches (Deutz models with fuel tank part 88684); to SN 11188		29	89617	POWER UNIT,AUX PUMP 12VDC.....1 to SN 8198	
--	27089-14100	HOSE,5/16 FUEL,SAE30R7 (Perkins models) (Refer to 402.1)		--	147289	SEAL KIT, APU	
--	823421	HOSE,FUEL,1/2,GATES RLA.....125-inches (Deutz models with fuel tank part 823396); from SN 11189		--	147290	SHAFT SEAL, APU	
14	21465	CLAMP,HOSE,SIZE .25 TO .63		--	58489	PUMP ASSY,AUX.POWER UNIT 89617	
15	88294	ELBOW,45 DEG,3/8MPT X 3/8 BARB.....1 (Perkins models with fuel tank part 88684); to SN 11188		--	77069	MOTOR,12VDC,77066	
--	27901	HOSE END,BARBED,RIGID,-6-6 (Perkins models with fuel tank part 823396); from SN 11189		--	77071	SOLENOID,77066	
--	54124	HOSE END,BARB,3/8 MNPT X 5/16 (Deutz models)		29A	146180	PUMP MOTOR, APU, 12 VDC Use with dual battery; from SN 8199	
16	30490-5700	HOSE,1/4 FUEL LINE,SAE 30R7.....57-inches (Deutz models with fuel tank part 88684); to SN 11188		--	146181	SOLENOID, APU	
--	42941-10300	HOSE,3/8",FUEL,30R7 (Perkins models)					

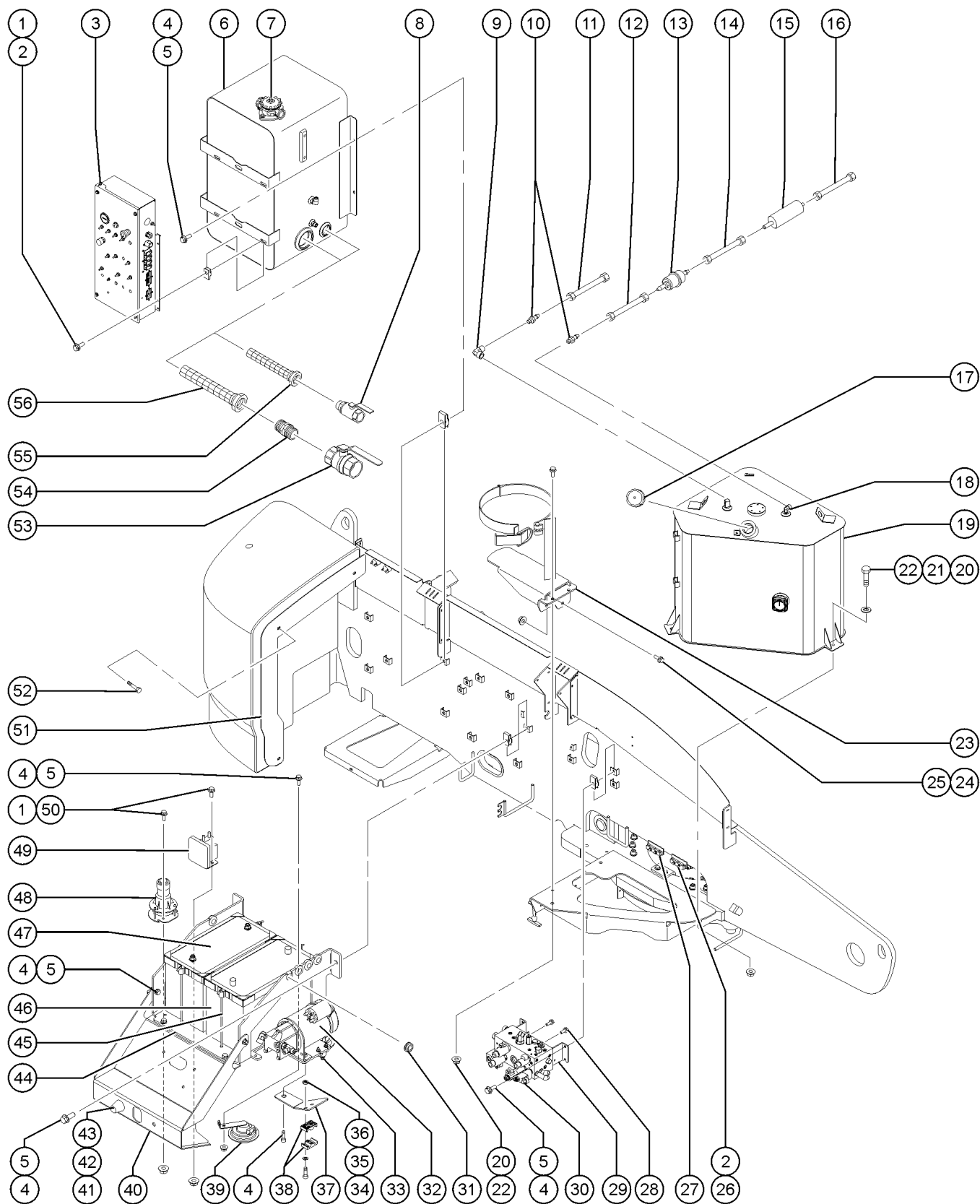
301.1 Hydraulic and Fuel Tanks - Diesel Models (continued)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	146182	GROUND WIRE, SOLENOID		47	121421	NUT, FLG, 1/4-20	
--	37187	SEAL KIT, 37185 PUMP		48	121386	PLATE, TANK SIDE BULKHEAD.....1	
--	37192	COUPLER, PUMP / MOTOR (36179)		49	75051	SCREW, SER FLNG3/8UNCX3/4ZNYEL	
--	58489	PUMP ASSY, AUX. POWER UNIT 89617					
--	62414	SEAL, SHAFT, 60511 APU					
--	77069	MOTOR, 12VDC, 77066					
30	94982	STANDOFF, 3/8" BLACK.....1					
--	4828	NUT, NYLOCK, 3/8-16.....1					
--	5397	WASHER, FLAT, USS, 5/16", Y.....1					
31	6145	SCREW, HHC, 1/4-20 X 1.5					
32	6638	WASHER, FLAT, USS, 1/4" Y					
33	6091	NUT, NYLOCK, 1/4-20					
34	121758	PLATE, BAT CABLE GUIDE.....1 to SN 9654					
--	219392	FORMING, BAT CABLE GUIDE from SN 9655					
35	78736	CLAMP, 2 HOSE, PLASTIC, 5/8.....2					
36	81578	HORN, 12VDC, SPADE TERMINALS***.....1					
37	121259	WELDMENT, HOOD LATCH MOUNT.....1					
38	30973	BUMPER, RUBBER-1 X 1.25					
39	5397	WASHER, FLAT, USS, 5/16", Y					
40	6782	NUT, NYLOCK, 5/16-18					
41	111553	PLATE, SIDE, SWING.....1					
42	45708	HOOK, BATT HOLD DOWN, 10"					
43	30143	BATTERY, 12V, 1000 CCA GRP 31.....1					
44	77694	BATTERY, 12V DEEP CYC 5/16" STUD.....1 from SN 8199					
45	94077	SENSOR, LEVEL, 4.5 DEG.....1 USA/Canada/ Australia models					
--	110382	LEVEL SENSOR, LS60, YL, 2.5X4.5 European models					
46	237068	SEPARATOR, DUAL BATTERY, 100A.....1					
--	214393	KIT, BATT SEPARATOR, ANSI/CSA Includes part 237068					
--	215209	KIT, BATT SEPARATOR, CE Includes part 237068					
--	215210	KIT, BATT SEPARATOR, AS Includes part 237068					

301.1 Hydraulic and Fuel Tanks - Diesel Models
(continued)

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302.1 Hydraulic and Fuel Tanks - Gasoline/LPG Models



302.1 Hydraulic and Fuel Tanks - Gasoline/LPG Models

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	121419	SCREW,HHF,1/4-20 X .75		--	146551	GASKET, FUEL LEVEL SENDER, Z80	
2	56912	SPRING CLIP,1/4-20,.025-.15X.5		--	146552	PLATE, COVER, FUEL LEVEL SNDR	
3	REF.	GROUND CONTROL BOX (Refer to 303.1)		--	49826	SCREW,PHILLIPS,PHM,10-32 X.625	
4	121066	SCREW,HHC,FLG,3/8-16 X 1 GR8		20	121075	SCREW,HHF,3/8-16X2.00 Use with previous tank 121839; to SN 8923	
5	29868	SPRING CLIP,3/8-16		--	8516	SCREW,HHC,3/8-16 X 1.50,GR5 Use with fuel tank 146415; from SN 8924	
6	111578	TANK, HYDRAULIC 40 GAL.....1		21	6097	WASHER,FLAT,USS,3/8",Y	
7	110345	FILTER ASSY,INTANK.....1		22	4828	NUT,NYLOCK,3/8-16	
--	147223	SEAL,FILTER LID		23	121792	WELDMENT,LP MOUNT.....1	
--	6097	WASHER,FLAT,USS,3/8",Y		24	123164	SCREW,FLANGE,1/2-13X1.25,GR 8	
--	6175	SCREW,HHC,3/8-16 X 1		25	121423	NUT,FLG,1/2-13	
--	88917	FILTER,ELEMENT,BETA(10)=200		26	121069	SCREW,HHF,1/4-20 X 1.50	
--	94526	GASKET,RETURN FILTER-77353		27	121690	CLAMP,HALF,HARDLINE,3/8.....2	
8	48996	VALVE,BALL,16 MSAE-16 FSAE***.....1		28	16439	SCREW,FHS,3/8-16 X 1	
9	128081	ELBOW,90D,1/4FPTX3/8MPT.....1		29	121687	FORMING,MANIFOLD MOUNT.....1	
10	111818	FITTING,1/4 NPT X SAE J2044.....2		30	REF.	FUNCTION MANIFOLD (Refer to 706.1)	
11	111817-9800	HOSE ASSY,SAE J2260/J2044.....1		31	104570	GROMMET,RUBBER .688 X .25 X 1.....6	
12	111817-1700	HOSE ASSY,SAE J2260/J2044,2END.....1		32	89617	POWER UNIT,AUX PUMP 12VDC.....1 to SN 8198	
13	111797	FILTER, GAS, SAE J2044 FITTING.....1		--	147289	SEAL KIT, APU	
14	111817-1700	HOSE ASSY,SAE J2260/J2044,2END.....1		--	147290	SHAFT SEAL, APU	
15	111915	FUEL PUMP,TME 2.7L ENGINE.....1		--	58489	PUMP ASSY,AUX.POWER UNIT 89617	
16	111817-6300	HOSE ASSY,SAE J2260/J2044.....1		--	77069	MOTOR,12VDC,77066	
17	119918	CAP,FUEL,GASOLINE 3.5PSI.....1		--	77071	SOLENOID,77066	
18	119983	FUEL PICKUP,3/8X1/4NPT X 2200.....1 Use with previous tank 121839; to SN 8923		32A	146180	PUMP MOTOR, APU, 12 VDC Use with dual battery; from SN 8199	
--	146417	ASSY, FUEL PICKUP TUBE Part of fuel tank 146415		--	146181	SOLENOID, APU	
19		TANK ASSY,30GAL PLASTIC Previous tank part 121839 is no longer available. Please order fuel tank 146415 (requires 3 each bolt 8924, item 20); to SN 8923		--	146182	GROUND WIRE,SOLENOID	
--	146413	GAUGE, FUEL LEVEL, 20/30 GAL Part of fuel tank 146415		--	37187	SEAL KIT, 37185 PUMP	
--	146415	TANK ASSY, GAS, 30 GAL. Shown; from SN 8924		--	37192	COUPLER, PUMP / MOTOR (36179)	
--	146550	GASKET, FUEL LEVEL GAUGE, GAS		--	58489	PUMP ASSY,AUX.POWER UNIT 89617	
				--	62414	SEAL, SHAFT, 60511 APU	
				--	77069	MOTOR,12VDC,77066	
				33	94982	STANDOFF, 3/8" BLACK.....1	

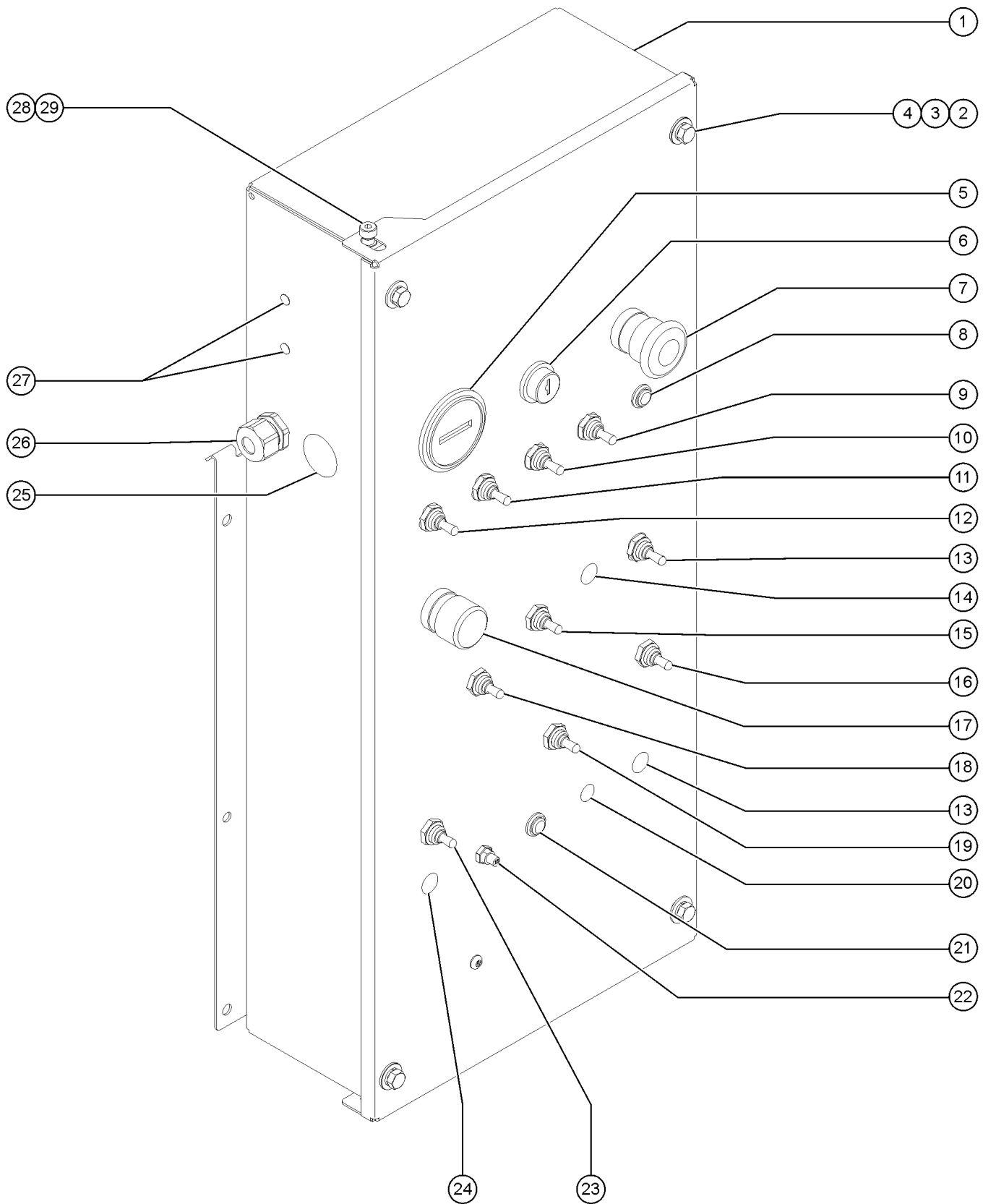
302.1 Hydraulic and Fuel Tanks - Gasoline/LPG Models (continued)

Item	Part No.	Description	Qty.
--	4828	NUT,NYLOCK,3/8-16.....1	1
--	5397	WASHER,FLAT,USS,5/16",Y.....1	1
34	6145	SCREW,HHC,1/4-20 X 1.5	
35	6638	WASHER,FLAT,USS,1/4"Y	
36	6091	NUT,NYLOCK,1/4-20	
37	121758	PLATE,BAT CABLE GUIDE.....1 <i>to SN 9654</i>	1
--	219392	FORMING, BAT CABLE GUIDE <i>from SN 9655</i>	
38	78736	CLAMP,2 HOSE,PLASTIC,5/8.....2	2
39	81578	HORN,12VDC,SPADE TERMINALS***.....1	1
40	121259	WELDMENT, HOOD LATCH MOUNT.....1	1
41	30973	BUMPER,RUBBER-1 X 1.25	
42	5397	WASHER,FLAT,USS,5/16",Y	
43	6782	NUT,NYLOCK,5/16-18	
44	111553	PLATE,SIDE,SWING.....1	1
45	45708	HOOK,BATT HOLD DOWN,10".....2	2
46	30143	BATTERY,12V,1000 CCA GRP 31.....1	1
47	77694	BATTERY,12V DEEP CYC 5/16"STUD.....1 <i>from SN 8199</i>	1
48	94077	SENSOR,LEVEL,4.5 DEG.....1	1
49	237068	SEPARATOR,DUAL BATTERY,100A.....1	1
--	214393	KIT, BATT SEPARATOR, ANSI/CSA <i>Includes part 237068</i>	
--	215209	KIT, BATT SEPARATOR, CE <i>Includes part 237068</i>	
--	215210	KIT, BATT SEPARATOR, AS <i>Includes part 237068</i>	
50	121421	NUT,FLG,1/4-20	
51	121386	PLATE, TANK SIDE BULKHEAD.....1	1
52	75051	SCREW,SER FLNG3/8UNCX3/4ZNYEL	
53	75256	VALVE BALL,24 FSAE-24 FSAE***	
54	75254	UNION,STR.THREAD 24***.....1	1
55	101490	STRAINER,16 SAE F/24 SAE M.....1	1
56	75257	STRAINER ASSY,#24 O-RING.....1	1

302.1 Hydraulic and Fuel Tanks - Gasoline/LPG Models
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303.1 Ground Controls - View 1



303.1 Ground Controls - View 1

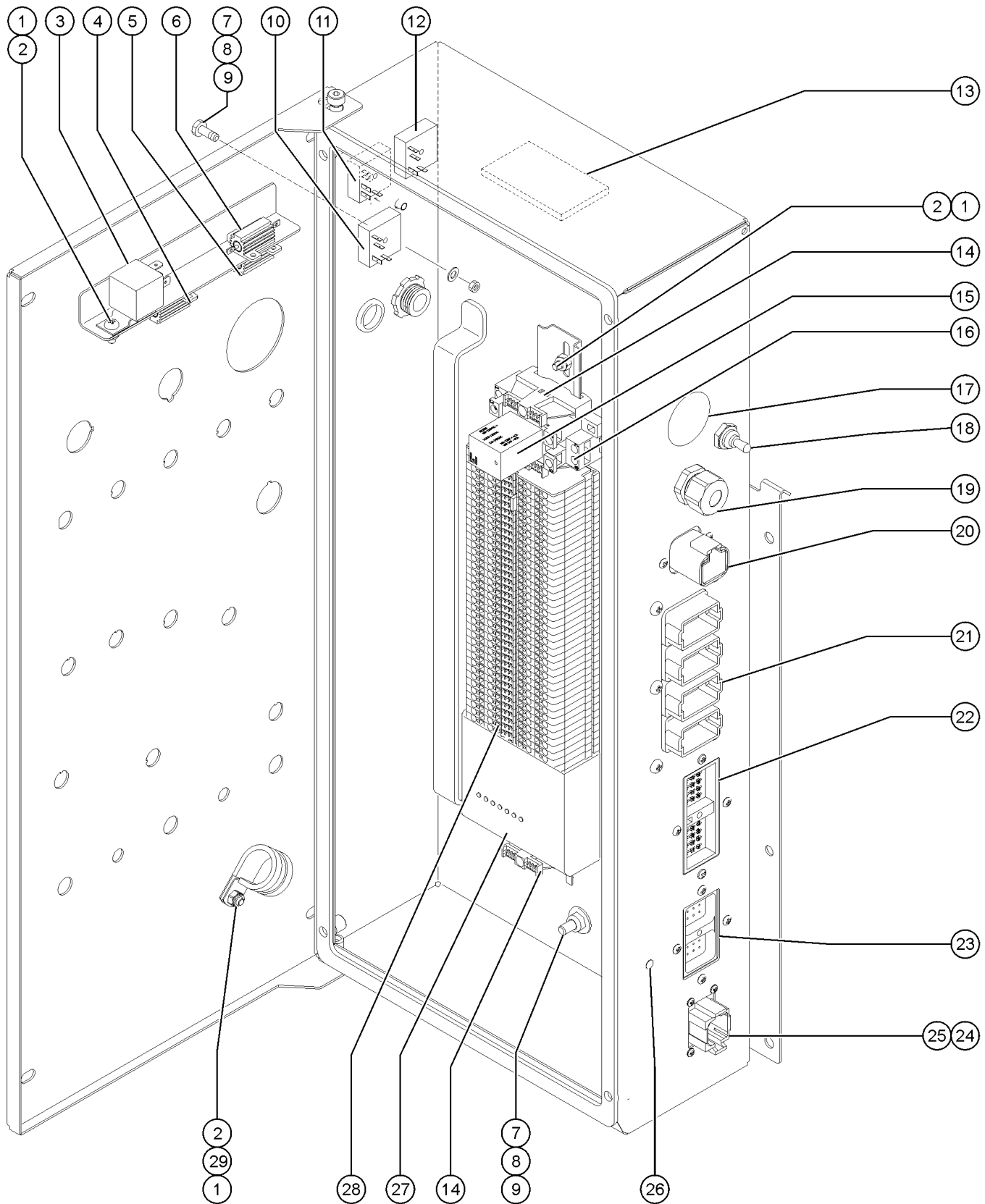
Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	121315	WELDMENT,GBOX,S80/85 2008.....1 <i>to SN 10912</i>		--	229567	PLUG, SANTOPRENE .5 BLACK DOME	
--	1253160	WELDMENT, GBOX, S80/85 2013 <i>from SN 10913</i>		13	128200	SWITCH TOGGLE ASSY SPDT 3P MOM.....1 <i>(Platform level)</i>	
--	122673	GROUND BOX LID W/DECAL <i>Use LID part T107744 for S-80X</i>		14	229567	PLUG, SANTOPRENE .5 BLACK DOME.....2	
--	T107744	S80X GBOX LID W/DECAL <i>Use only with S-80X; from SN 8500</i>		--	128200	SWITCH TOGGLE ASSY SPDT 3P MOM <i>(Jib up/down)</i>	
2	6090	SCREW,HHC,1/4-20 X .75		15	128202	SWITCH TOGGLE ASSY DPDT 3P MOM.....1 <i>(Boom extend/retract)</i>	
3	6353	SCREW,RHM,1/4-20 X .5		16	128200	SWITCH TOGGLE ASSY SPDT 3P MOM.....1 <i>(Platform rotate)</i>	
4	6638	WASHER,FLAT,USS,1/4"Y		17	66813	BUTTON,PUSH,BLACK W/SEAL ***.....1 <i>(Function enable) (models with push button) shown</i>	
5	19506	HOUR METER,10-80 VOLTS***.....1		--	80716	SWITCH,SELECTOR,BLACK <i>(Function enable) (models with selector switch) not shown</i>	
6	96008-S	KEYSWITCH,3 POS.W/KEYS***.....1		18	128202	SWITCH TOGGLE ASSY DPDT 3P MOM.....1 <i>(Boom up/down)</i>	
--	83093	KEY SINGLE*** <i>Includes boot</i>		19	128202	SWITCH TOGGLE ASSY DPDT 3P MOM.....1 <i>(Turntable rotate)</i>	
--	37947	KEYS,10 PACK***		20	21858	PLUG,NYLON .38 BLACK DOMED.....1 <i>(Complete LED light assembly)</i>	
--	110656	OPT, KEY SWITCH, RETAINED <i>Option; includes keyswitch 83131</i>		21	824879	LIGHT,LED IND. RED 12V NH.....1	
--	83131	KEYSWITCH,3 POS W/KEYS,LOCKING <i>Part of option 110656</i>		22	147094	ASSY, CIRCUIT BREAKER 15A.....1 <i>(Controls)</i>	
7	66812	BUTTON,PUSH,RED MUSHROOM HEAD.....1		23	128201	SWITCH TOGGLE ASSY DPDT 2P MOM.....1 <i>(Auxiliary pump)</i>	
8	824879	LIGHT,LED IND. RED 12V NH.....1 <i>Diesel models, (Complete LED light assembly)</i>		24	21858	PLUG,NYLON .38 BLACK DOMED.....1	
--	218167	LIGHT,INDICATOR,AMBER 12V ENGI.....1 <i>(Gas/lpg models)</i>		--	824879	LIGHT,LED IND. RED 12V NH <i>Load sense, (Complete LED light assembly)</i>	
9	128204	SWITCH TOGGLE ASSY SPDT 2P MNT.....1 <i>(Engine speed select)</i>		25	15243	PLUG,NYLON .875 BLACK DOMED.....1	
10	128204	SWITCH TOGGLE ASSY SPDT 2P MNT.....1 <i>(Gas/lpg select)</i>		26	7056	CONN,SQUEEZE,1/2NPT .38-.50,SM.....1	
--	229567	PLUG, SANTOPRENE .5 BLACK DOME					
11	128200	SWITCH TOGGLE ASSY SPDT 3P MOM.....1 <i>(Start assist, glow plug) (Diesel models)</i>					
--	229567	PLUG, SANTOPRENE .5 BLACK DOME					
12	128200	SWITCH TOGGLE ASSY SPDT 3P MOM.....1 <i>(Starter)</i>					

303.1 Ground Controls - View 1
(continued)

Item	Part No.	Description	Qty.
27	42781	PLUG,DOWEL,1/4 PLASTIC.....	1
28	88315	SCREW,SHS,1/4-20 X .25 ZINC.....	2
29	23404	NUTSERT,1/4-20,STEEL CAD PLTD.....	2

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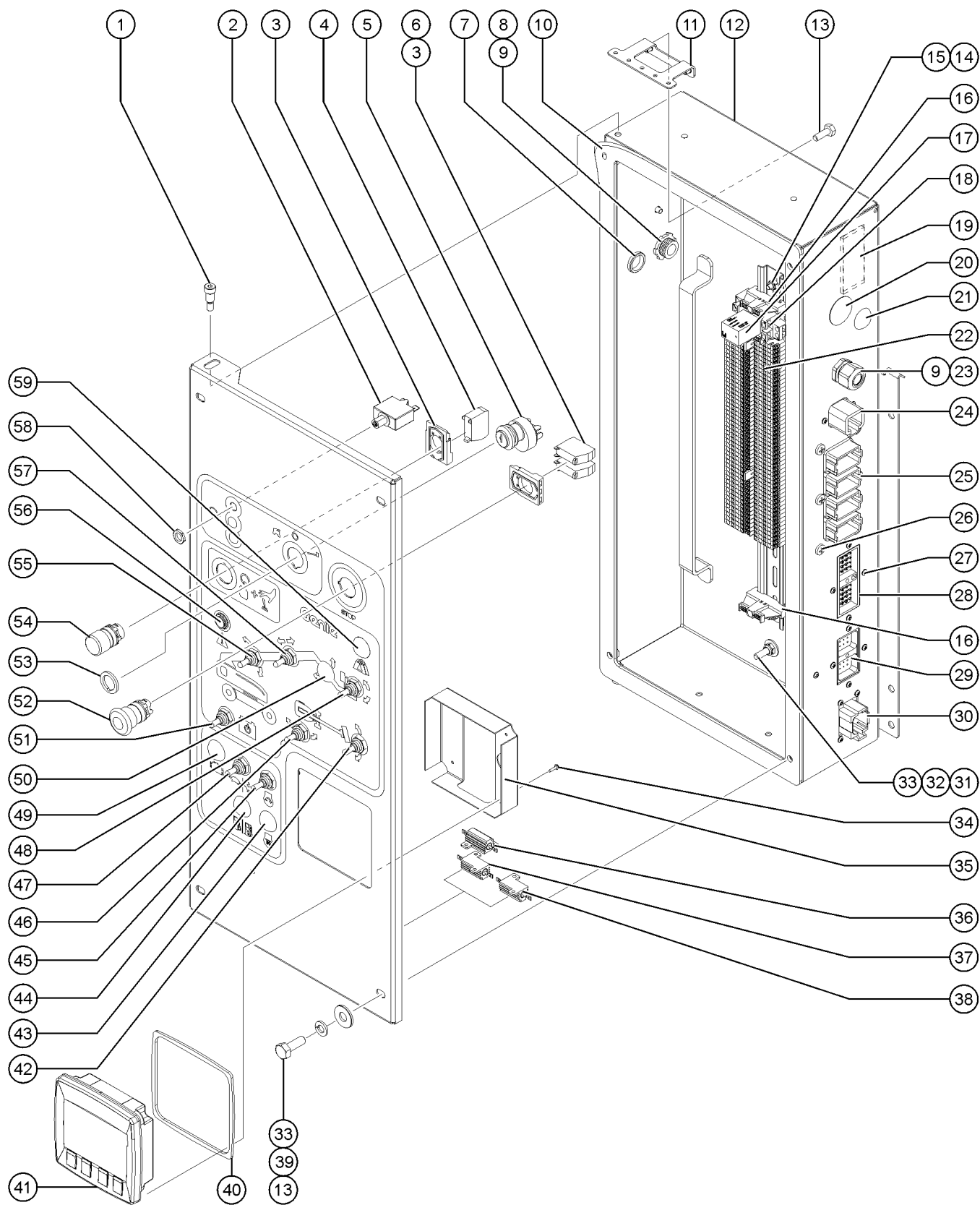
303.2 Ground Controls - View 2



303.2 Ground Controls - View 2

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	88832	HARNESS,PLUG,NON-LOAD WEIGHING <i>None CE models</i>		23	73753	CONN,RECEP 24 WAY,W/FLANGE.....1	
1	54365	SCREW,PHIL,PHM,10-32 X .5,SSTL		--	49820	SCREW,PHILLIPS,PHM,6-32 X .5	
2	6178	NUT,NYLOCK,10-32		24	87755	CONN,RECEP 8 WAY 14-18GA,FL <i>from SN 10913</i>	
3	19274	RELAY,SPDT,12V(AUTO)**		25	60447	LOCK,RECEP 8 WAY,14-18GA <i>from SN 10913</i>	
4	89575	RESISTOR,7.5 OHM,25 WATT,1PCNT		26	42288	PLUG,NYLON .188 BLACK DOMED.....1	
5	40614	RESISTOR,5 OHM,25W***		27	56057	MODULE,IGNITION/START,12/24V.1	
6	27287	RESISTOR,10 OHM,25 WATT		28	217442	ASSY,TERMINAL RAIL,S80/85 2008.....1	
7	6090	SCREW,HHC,1/4-20 X .75				<i>(complete assembly); to SN 10192</i>	
8	6638	WASHER,FLAT,USS,1/4"Y		--	1253154	ASSY, TERM RAIL, S80/85 2013 <i>(complete assembly); from SN 10193</i>	
9	6889	NUT,LP NYLOCK,1/4-20		--	216791	TERMINAL BLOCK,WIELAND	
10	102406	MODULE,TIME DELAY ON BRK 30S <i>Deutz models</i>		--	216793	TERMINAL BLOCK END PLATE	
11	121846	RELAY,TIME DELAY,2 SEC,10A <i>CE option</i>		--	33422	DIN RAIL,17"	
12	106637	MODULE,TIME DELAY ON BREAK 4S <i>Welder option</i>		--	74913	END STOP, DIN RAIL,SCREW CLAMP	
13	30997	CORROSION INHIBITOR,FOAM.....1		--	74917	JUMPER COMB, 2-WAY,WIELAND	
14	74913	END STOP, DIN RAIL,SCREW CLAMP.....1 <i>(Part of item 26)</i>		29	18666	CLAMP,1.00,#16 X 1/4,RUB CUSH.....1	
15	33607	RELAY,OMRON,DPDT,12V <i>Welder option</i>					
16	33608	RELAY,SOCKET,OMRON <i>Welder option</i>					
17	229567	PLUG, SANTOPRENE .5 BLACK DOME.....1					
18	128583	SWITCH TOGGLE SPDT 2P MOM SHDR.....1					
--	229567	PLUG, SANTOPRENE .5 BLACK DOME					
19	7056	CONN,SQUEEZE,1/2NPT .38-.50,SM.....1					
20	73717	CONN,RECEP 4 WAY,12-14GA FL ***1					
--	49820	SCREW,PHILLIPS,PHM,6-32 X .5					
21	73736	CONN,RECEP 48 WAY,4 X 12.....1					
--	73803	SCREW,SHM,PHP, #12 X .75					
22	73754	CONN,RECEP 40 WAY,W/FLANGE.....1					
--	49820	SCREW,PHILLIPS,PHM,6-32 X .5					

304.1 Ground Control - Deutz TD2.9L4



304.1 Ground Control - Deutz TD2.9L4

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--		Verify Engine Make and Model Before Ordering		20	45385	PLUG,NYLON 1.12 BLACK DOMED.....	1
1	88315	SCREW,SHS,1/4-20 X .25 ZINC.....	2	21	229567	PLUG, SANTOPRENE .5 BLACK DOME.....	1
2	147090	CIRCUIT BREAKER, 15A.....	1	22	1253154	ASSY, TERM RAIL, S80/85 2013.....	1
--	122994	NICKEL PLATED JAM NUT.....	1			(complete assembly)	
3	66821	BASE,WITHOUT CONTACTS.....	2	--	216791	TERMINAL BLOCK,WIELAND	
4	66815	BASE, W/1 N.O. CONTACTS***.....	1	--	216793	TERMINAL BLOCK END PLATE	
5	96008-S	KEYSWITCH,3 POS.W/KEYS***.....	1	--	33422	DIN RAIL,17"	
		includes 1 pair of keys		--	74913	END STOP, DIN RAIL,SCREW CLAMP.....	2
--	110656	OPT, KEY SWITCH, RETAINED option; includes keyswitch 83131		--	74917	JUMPER COMB, 2-WAY,WIELAND.....	3
--	37947	KEYS,10 PACK*** use with keyswitch 96008-S		23	7056	CONN,SQUEEZE,1/2NPT .38-.50,SM.....	1
--	66814	BASE,WITH 2 N.O. CONTACTS*** includes 2 each N.O. contacts		24	73717	CONN,RECEP 4 WAY,12-14GA FL ***.....	1
--	66816	CONTACT,N.O.		--	49820	SCREW,PHILLIPS,PHM,6-32 X .5	
--	83093	KEY SINGLE*** includes boot, use with keyswitch 96008-S		25	73736	CONN,RECEP 48 WAY,4 X 12.....	1
--	83131	KEYSWITCH,3 POS W/KEYS,LOCKING part of option 110656		26	73803	SCREW,SHM,PHP, #12 X .75	
6	66818	CONTACT,NC.....	2	27	49820	SCREW,PHILLIPS,PHM,6-32 X .5	
7	15243	PLUG,NYLON .875 BLACK DOMED.....	1	28	73754	CONN,RECEP 40 WAY,W/FLANGE.....	1
8	121753	HARNESS,ALARM/BEACON,S80 2008.....	1	29	73753	CONN,RECEP 24 WAY,W/FLANGE.....	1
9	6935	LOCKNUT,ELEC,1/2".....	2	30	87755	CONN,RECEP 8 WAY 14-18GA,FL.....	1
10	121599	GASKET,GBOX,S80/85 2008.....	1	31	6888	SCREW,HHC,1/4-20 X 1	
11	1253409	ANGLE,RELAY MNT,W/NUTSERTS,PNT.....	1	32	6889	NUT,LP NYLOCK,1/4-20	
12	1253160	WELDMENT, GBOX, S80/85 2013.....	1	33	6638	WASHER,FLAT,USS,1/4"Y	
13	6090	SCREW,HHC,1/4-20 X .75		34	1252684	SCREW,DP200 M3X10 4PACK Part of assembly 1251985	
14	6178	NUT,NYLOCK,10-32		35	219718	BRACKET,DP200 PANEL MOUNT Part of assembly 1251985	
15	54365	SCREW,PHIL,PHM,10-32 X .5,SSTL		36	89575	RESISTOR,7.5 OHM,25 WATT,1PCNT.....	1
16	74913	END STOP, DIN RAIL,SCREW CLAMP.....	2	37	27287	RESISTOR,10 OHM,25 WATT.....	1
17	33607	RELAY,OMRON,DPDT,12V.....	1	38	40614	RESISTOR,5 OHM,25W***.....	1
		Welder option		39	6356	WASHER,LOCK,.25	
18	33608	RELAY,SOCKET,OMRON.....	1	40	1252685	GASKET,DP200 BLACK PANEL SEAL.....	1
		Welder option				Part of assembly 1251985	
19	30997	CORROSION INHIBITOR,FOAM.....	1				

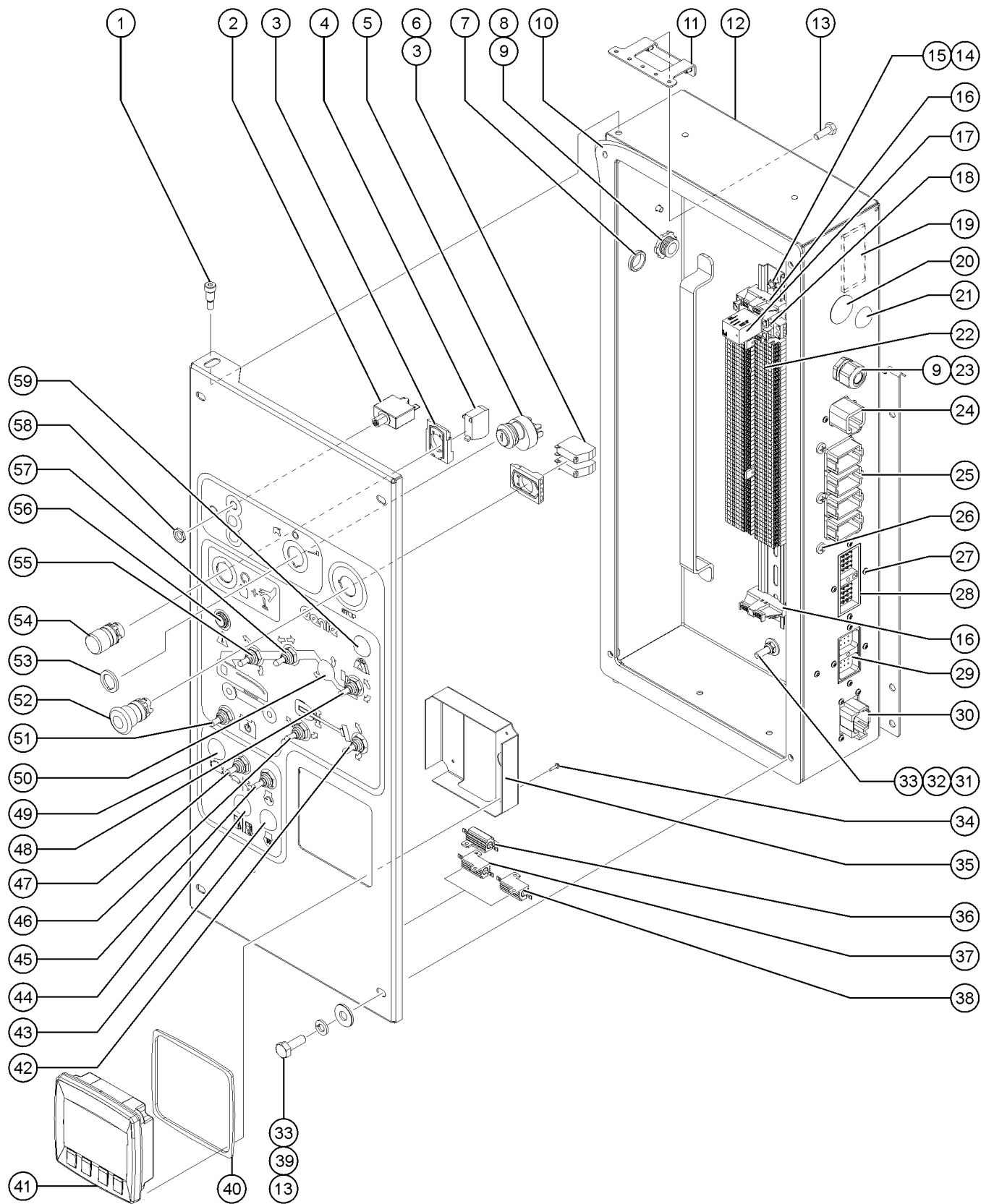
304.1 Ground Control - Deutz TD2.9L4 (continued)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
41	1251984	ASSY,DISPLAY,DP200 DEUTZ T4.....1 <i>Including bracket part 219718, gasket part 1252685 and screws part 1252684</i>	1	55	128202	SWITCH TOGGLE ASSY DPDT 3P MOM.....1 <i>Boom up/down switch</i>	1
42	128200	SWITCH TOGGLE ASSY SPDT 3P MOM.....1 <i>Platform rotate switch</i>	1	56	824879	LIGHT,LED IND. RED 12V NH.....1 <i>Machine malfunction indicator light</i>	1
43	229567	PLUG, SANTOPRENE .5 BLACK DOME.....1	1	57	128202	SWITCH TOGGLE ASSY DPDT 3P MOM.....1 <i>Boom extend/retract switch</i>	1
44	229567	PLUG, SANTOPRENE .5 BLACK DOME.....1 <i>Gasoline/LPG models - Fuel select switch</i>	1	58	122994	NICKEL PLATED JAM NUT.....1	1
45	128200	SWITCH TOGGLE ASSY SPDT 3P MOM.....1 <i>Engine start switch</i>	1	59	229567	PLUG, SANTOPRENE .5 BLACK DOME.....1	1
46	128202	SWITCH TOGGLE ASSY DPDT 3P MOM.....1 <i>Turntable rotate switch</i>	1				
47	128204	SWITCH TOGGLE ASSY SPDT 2P MNT.....1 <i>Function enable switch</i>	1				
48	128202	SWITCH TOGGLE ASSY DPDT 3P MOM.....1 <i>Platform level switch</i>	1				
49	229567	PLUG, SANTOPRENE .5 BLACK DOME.....1 <i>Check engine light</i>	1				
50	229567	PLUG, SANTOPRENE .5 BLACK DOME.....1 <i>(S-80 and S-80X models)</i>	1				
--	128200	SWITCH TOGGLE ASSY SPDT 3P MOM <i>(S-85 models)</i>					
51	128201	SWITCH TOGGLE ASSY DPDT 2P MOM.....1 <i>Emergency power switch</i>	1				
52	66812	BUTTON,PUSH,RED MUSHROOM HEAD.....1 <i>Red emergency stop button</i>	1				
53	88827	GASKET,KEYSWITCH,PLASTIC***.1	1				
54	66813	BUTTON,PUSH,BLACK W/SEAL ***.....1 <i>Function enable, (models with push button) shown</i>	1				
--	80716	SWITCH,SELECTOR,BLACK <i>Function enable, (models with selector switch) not shown</i>					

304.1 Ground Control - Deutz TD2.9L4
(continued)

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304.2 Ground Control - Perkins 404F-22T



304.2 Ground Control - Perkins 404F-22T

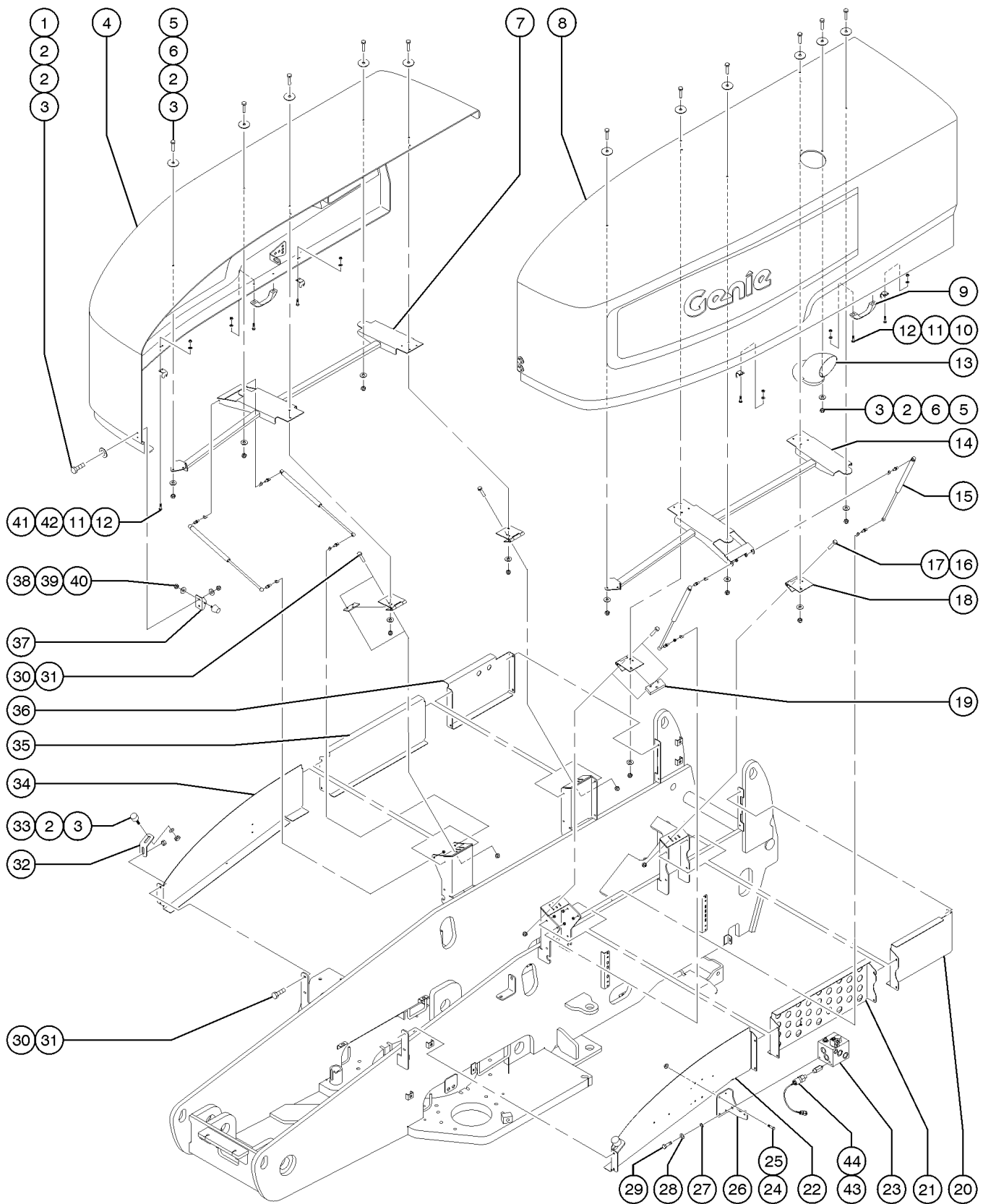
Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--		Verify Engine Make and Model Before Ordering		20	45385	PLUG,NYLON 1.12 BLACK DOMED.....	1
1	88315	SCREW,SHS,1/4-20 X .25 ZINC.....	2	21	229567	PLUG, SANTOPRENE .5 BLACK DOME.....	1
2	147090	CIRCUIT BREAKER, 15A.....	1	22	1253154	ASSY, TERM RAIL, S80/85 2013.....	1
--	122994	NICKEL PLATED JAM NUT.....	1	--	216791	TERMINAL BLOCK,WIELAND	
3	66821	BASE,WITHOUT CONTACTS.....	2	--	216793	TERMINAL BLOCK END PLATE	
4	66815	BASE, W/1 N.O. CONTACTS***.....	1	--	33422	DIN RAIL,17"	
5	96008-S	KEYSWITCH,3 POS.W/KEYS***.....	1	--	74913	END STOP, DIN RAIL,SCREW CLAMP.....	2
--	110656	OPT, KEY SWITCH, RETAINED option; includes keyswitch 83131		--	74917	JUMPER COMB, 2-WAY,WIELAND.....	3
--	37947	KEYS,10 PACK*** use with keyswitch 96008-S		23	7056	CONN,SQUEEZE,1/2NPT .38-.50,SM.....	1
--	66814	BASE,WITH 2 N.O. CONTACTS*** includes 2 each N.O. contacts		24	73717	CONN,RECEP 4 WAY,12-14GA FL ***.....	1
--	66816	CONTACT,N.O.		--	49820	SCREW,PHILLIPS,PHM,6-32 X .5	
--	83093	KEY SINGLE*** includes boot, use with keyswitch 96008-S		25	73736	CONN,RECEP 48 WAY,4 X 12.....	1
--	83131	KEYSWITCH,3 POS W/KEYS,LOCKING part of option 110656		26	73803	SCREW,SHM,PHP, #12 X .75	
6	66818	CONTACT,NC.....	2	27	49820	SCREW,PHILLIPS,PHM,6-32 X .5	
7	15243	PLUG,NYLON .875 BLACK DOMED.....	1	28	73754	CONN,RECEP 40 WAY,W/FLANGE.....	1
8	121753	HARNESS,ALARM/BEACON,S80 2008.....	1	29	73753	CONN,RECEP 24 WAY,W/FLANGE.....	1
9	6935	LOCKNUT,ELEC,1/2".....	2	30	87755	CONN,RECEP 8 WAY 14-18GA,FL.....	1
10	121599	GASKET,GBOX,S80/85 2008.....	1	31	6888	SCREW,HHC,1/4-20 X 1	
11	1253409	ANGLE,RELAY MNT,W/NUTSERTS,PNT.....	1	32	6889	NUT,LP NYLOCK,1/4-20	
12	1253160	WELDMENT, GBOX, S80/85 2013.....	1	33	6638	WASHER,FLAT,USS,1/4"Y	
13	6090	SCREW,HHC,1/4-20 X .75		34	1252684	SCREW,DP200 M3X10 4PACK Part of assembly 1251985	
14	6178	NUT,NYLOCK,10-32		35	219718	BRACKET,DP200 PANEL MOUNT Part of assembly 1251985	
15	54365	SCREW,PHIL,PHM,10-32 X .5,SSTL		36	89575	RESISTOR,7.5 OHM,25 WATT,1PCNT.....	1
16	74913	END STOP, DIN RAIL,SCREW CLAMP.....	2	37	27287	RESISTOR,10 OHM,25 WATT.....	1
17	33607	RELAY,OMRON,DPDT,12V.....	1	38	40614	RESISTOR,5 OHM,25W***.....	1
18	33608	RELAY,SOCKET,OMRON.....	1	39	6356	WASHER,LOCK,.25	
19	30997	CORROSION INHIBITOR,FOAM.....	1	40	1252685	GASKET,DP200 BLACK PANEL SEAL.....	1
						Part of assembly 1251985	

304.2 Ground Control - Perkins 404F-22T (continued)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
41	1251985	ASSY,DISPLAY,DP200 PERKINS T4.....1 <i>Including bracket part 219718, gasket part 1252685 and screws part 1252684</i>	1	55	128202	SWITCH TOGGLE ASSY DPDT 3P MOM.....1 <i>Boom up/down switch</i>	1
42	128200	SWITCH TOGGLE ASSY SPDT 3P MOM.....1 <i>Platform rotate switch</i>	1	56	824879	LIGHT,LED IND. RED 12V NH.....1 <i>Machine malfunction indicator light</i>	1
43	229567	PLUG, SANTOPRENE .5 BLACK DOME.....1	1	57	128202	SWITCH TOGGLE ASSY DPDT 3P MOM.....1 <i>Boom extend/retract switch</i>	1
44	229567	PLUG, SANTOPRENE .5 BLACK DOME.....1 <i>Gasoline/LPG models - Fuel select switch</i>	1	58	122994	NICKEL PLATED JAM NUT.....1	1
45	128200	SWITCH TOGGLE ASSY SPDT 3P MOM.....1 <i>Engine start switch</i>	1	59	229567	PLUG, SANTOPRENE .5 BLACK DOME.....1	1
46	128202	SWITCH TOGGLE ASSY DPDT 3P MOM.....1 <i>Turntable rotate switch</i>	1				
47	128204	SWITCH TOGGLE ASSY SPDT 2P MNT.....1 <i>Function enable switch</i>	1				
48	128202	SWITCH TOGGLE ASSY DPDT 3P MOM.....1 <i>Platform level switch</i>	1				
49	229567	PLUG, SANTOPRENE .5 BLACK DOME.....1 <i>Check engine light</i>	1				
50	229567	PLUG, SANTOPRENE .5 BLACK DOME.....1 <i>(S-80 and S-80X models)</i>	1				
--	128200	SWITCH TOGGLE ASSY SPDT 3P MOM <i>(S-85 models)</i>					
51	128201	SWITCH TOGGLE ASSY DPDT 2P MOM.....1 <i>Emergency power switch</i>	1				
52	66812	BUTTON,PUSH,RED MUSHROOM HEAD.....1 <i>Red emergency stop button</i>	1				
53	88827	GASKET,KEYSWITCH,PLASTIC***.1	1				
54	66813	BUTTON,PUSH,BLACK W/SEAL ***.....1 <i>Function enable, (models with push button) shown</i>	1				
--	80716	SWITCH,SELECTOR,BLACK <i>Function enable, (models with selector switch) not shown</i>					

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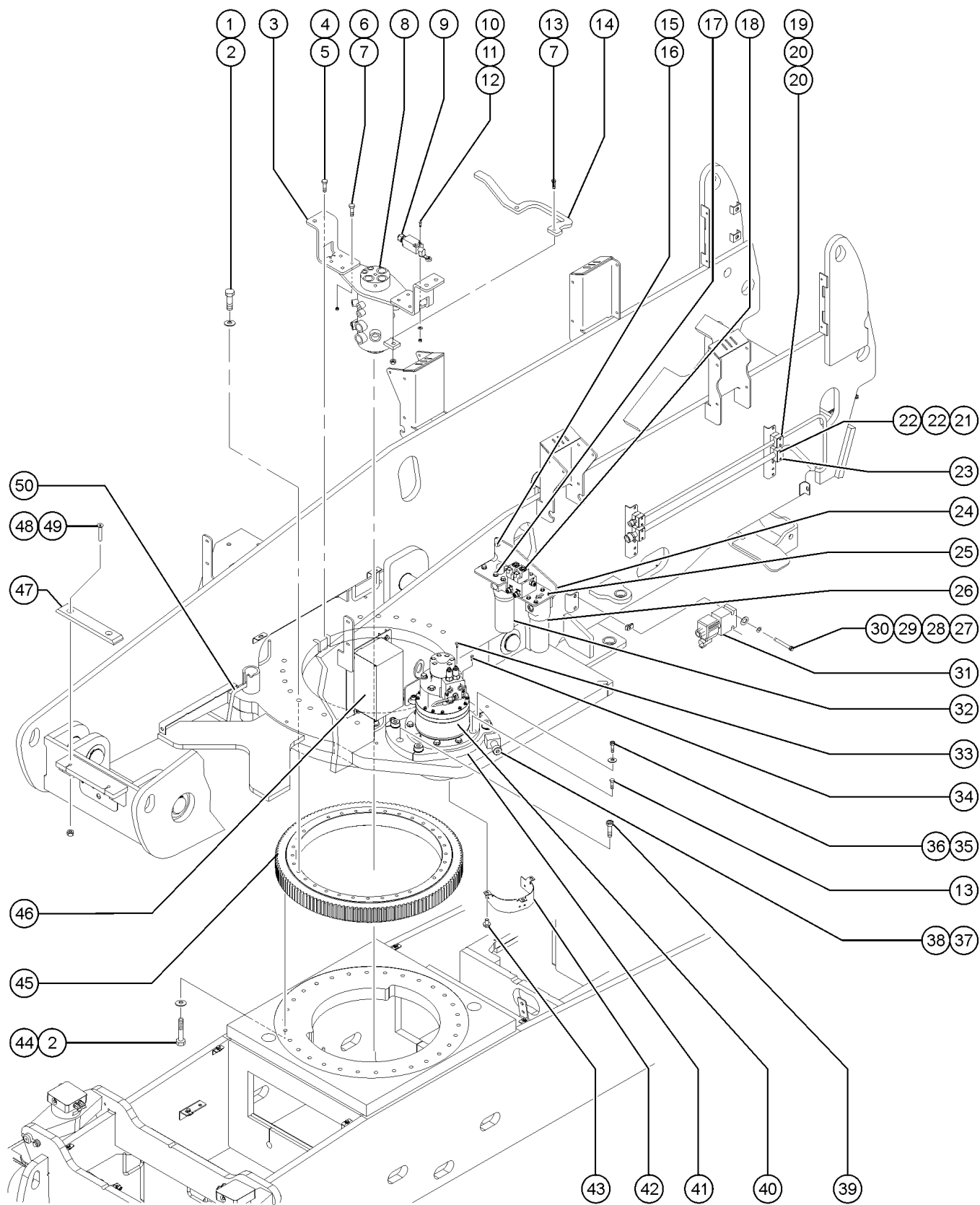
305.1 Turntable Covers



305.1 Turntable Covers

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	6090	SCREW,HHC,1/4-20 X .75		19	53707	HINGE SPACER.....	2
2	6638	WASHER,FLAT,USS,1/4"Y		20	121415	FORMING, COVER, RIGHT FRONT.....	1
3	6091	NUT,NYLOCK,1/4-20		21	121416	FORMING, COVER, RIGHT CENTER.....	1
4	122380	TANK SIDE COVER W/ WORD DECALS.....	1	22	121404	FORMING, BULKHEAD, RIGHT REAR.....	1
--	235158	TANKSIDE COVER W/WORD DECALS to SN 9022		23	101516	MANIFOLD,DRIVE OIL DIVERTER*** Part of the welder option	1
--	122381	TANK SIDE COVER W/ SYM DECALS.....	1	24	121420	SCREW,HHF,1/4-20 X 1.000.....	4
--	235159	TANKSIDE COVER W,SYMBOL DECALS to SN 9022		25	121421	NUT,FLG,1/4-20.....	4
5	8915	SCREW,HHC,1/4-20 X 1.25		26	121888	FORMING,WELD GEN MANIFOLD MT.....	1
6	12906	WASHER,FENDER,.25 X 1.25 X.062				Part of the welder option	
7	121015	WELDMENT,COVER SUPPORT,TANK SIDE.....	1	27	6886	WASHER,LOCK,,313 Part of the welder option	
8	122383	ENGINE SIDE CVR W/ WORD DECALS.....	1	28	5397	WASHER,FLAT,USS,5/16",Y Part of the welder option	
--	235160	ENGINE SIDE CVR W/WORD DECALS to SN 9022		29	13002	SCREW,HHC,5/16-18 X 1 GR5 Part of the welder option	
--	122384	ENGINE SIDE COVER W/ SYM DECALS.....	1	30	121419	SCREW,HHF,1/4-20 X .75	
--	235161	ENGINE SIDE COVER W/SYM DECALS to SN 9022		31	121421	NUT,FLG,1/4-20	
9	60884	HANDLE,GRAB.....	2	32	121891	FORMING,COVER BUMP STOP	
10	6606	SCREW,RHM,10-32 X .75		33	111663	BUMPER,RUB,1.00DX.75X31-18X1.2	
11	6146	WASHER,FLAT,MS,#10,Y		34	121403	FORMING, BULKHEAD, LEFT REAR.....	1
12	6178	NUT,NYLOCK,10-32		35	111570	FORMING, COVER, REAR LEFT....	1
13	101964	WELDMENT,EXHAUST TUBE.....	1	36	111566	FORMING, BULKHEAD, FRONT LEFT.....	1
14	121014	WELDMENT,COVER SUPPORT,ENGINE SIDE.....	1	37	88106P	FORMING,COVER STOP,PAINT....	2
15	28301	GAS STRUT,250 LBS FORCE***....	4	38	6782	NUT,NYLOCK,5/16-18	
--	27377	RETAINER,GAS SPRING***		39	5397	WASHER,FLAT,USS,5/16",Y	
--	33555	BALL STUD**		40	30973	BUMPER,RUBBER-1 X 1.25.....	2
--	6782	NUT,NYLOCK,5/16-18		41	75041	SCREW,PHILLIPS,PHM,10-32 X 1.....	1
16	121420	SCREW,HHF,1/4-20 X 1.000		42	75076	KEEPER,LATCH (45363).....	4
17	121421	NUT,FLG,1/4-20		43	146284	SWITCH,PRESS,#4NPT,200PSIF....	1
18	75073	HINGE, .375X.120THK.,SLOTTED...4		44	146285	CONN, SAE#4-1/4" NPT.....	1
						Part of the welder option	

306.1 Turntable Rotator and Hydraulic Rotary Coupler Install



306.1 Turntable Rotator and Hydraulic Rotary Coupler Install

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	45495	SCREW,SHC,5/8-11 X 3.00,A574.....	22	30	56912	SPRING CLIP,1/4-20,.025-.15X.5.....	2
2	13064	WASHER,FLAT,.625 HARDENED.....	40	31	REF.	VALVE,FUNCTION ENABLE (Refer to 703.1)	
3	60575	BRACKET,HYD.ROTATOR MOUNT MNT.....	2	32	60334	FILTER ASSY,HIGH PRESS SAE-12*.....	1
4	121079	SCREW,HHC,FLG,1/2-13 X 3.50.....	4	40A	139189	SWING DRIVE ASSEMBLY Complete; from SN 8238, swing drive 139189 can be installed as a direct replacment of previous swing drive 88921	
5	121423	NUT,FLG,1/2-13.....	4	--	139308	SWING MOTOR COMPLETE*** Use with swing drive 139189; from SN 8238	
6	122209	SCREW,HHC,3/8-16 X1.50		--	139309	CBV ASSEMBLY Use with swing drive 139189; from SN 8238	
7	121422	NUT,HEX,FLG,3/8-16		--	139310	BRAKE TUBING Use with swing drive 139189; from SN 8238	
8	89571	SWIVEL,HYD 8 PORT***.....	1	--	139311	KIT,FRICITION DISC*** Use with swing drive 139189; from SN 8238	
--	94937	SEAL KIT,8-PORT SWIVEL		--	139312	KIT,BRAKE SPRING*** Use with swing drive 139189; from SN 8238	
--	T106954	SEAL, O-RING LIP		--	139313	SEAL KIT,SWING BRAKE*** Use with swing drive 139189; from SN 8238	
--	T106955	SEAL, POLY, CHAMFER		--	139314	KIT,SWING BRAKE REBUILD*** Use with swing drive 139189; from SN 8238	
--	T106957	SEAL, CAP, NOTCHED		--	139315	O-RING,MOTOR/BRAKE*** Use with swing drive 139189; from SN 8238	
--	T106961	SEAL, O-RING ENERGIZER		--	139323	VALVE,COUNTERBAL,CBCA-LIN*** Use with swing drive 139189; from SN 8238	
--	T106962	SEAL, CAP, NOTCHED		--	58304	SHAFT,OUTPUT Use with swing drive 139189 or 88921	
9	121467	HARN,LS.DRIVE EN,S80/85 2008...	1	--	58596	BEARING KIT (88921) Use with swing drive 139189 or 88921	
10	49775	SCREW,PHILLIPS,PHM,10-32X 1.75		--	58597	BEARING KIT (88921) Use with swing drive 139189 or 88921	
11	6146	WASHER,FLAT,MS,#10,Y		--	83124	DRAIN PLUG Use with swing drive 139189; from SN 8238	
12	6178	NUT,NYLOCK,10-32		--	94620	SEAL KIT,SWING TORQ HUB*** Use with swing drive 139189 or 88921	
13	123162	FLGHCS,1/2-13X1.75,GR8,BLK,PH					
14	121311	FORMING,SWIVEL STOP.....	1				
15	121066	SCREW,HHC,FLG,3/8-16 X 1 GR8					
16	100379	BLOCK, MAST SLIDER, GR20.....	1				
17	75051	SCREW,SER FLNG3/8UNCX3/4ZNYEL					
18	REF.	MANIFOLD,BRAKE/2 SPD W/QD PLG (Refer to 702.1)					
19	121217	COVER PLATE,TUBE CLAMP #8....	2				
20	121219	CLAMP HALF,#8 TUBE.....	3				
21	121216	COVER PLATE, TUBE CLAMP #12					
22	121218	CLAMP HALF,#12 TUBE.....	4				
23	121067	SCREW,HHC,FLG,1/4-20 X 2.00.....	8				
24	121336	FORMING, FILTER MOUNT.....	1				
25	121419	SCREW,HHC,1/4-20 X .75					
26	77139	FILTER ASY,M PRESS,SAE8,WOIND*.....	1				
27	4266	SCREW,HHC,1/4-20 X 2.....	2				
28	6356	WASHER,LOCK,.25.....	2				
29	6638	WASHER,FLAT,USS,1/4"Y.....	2				

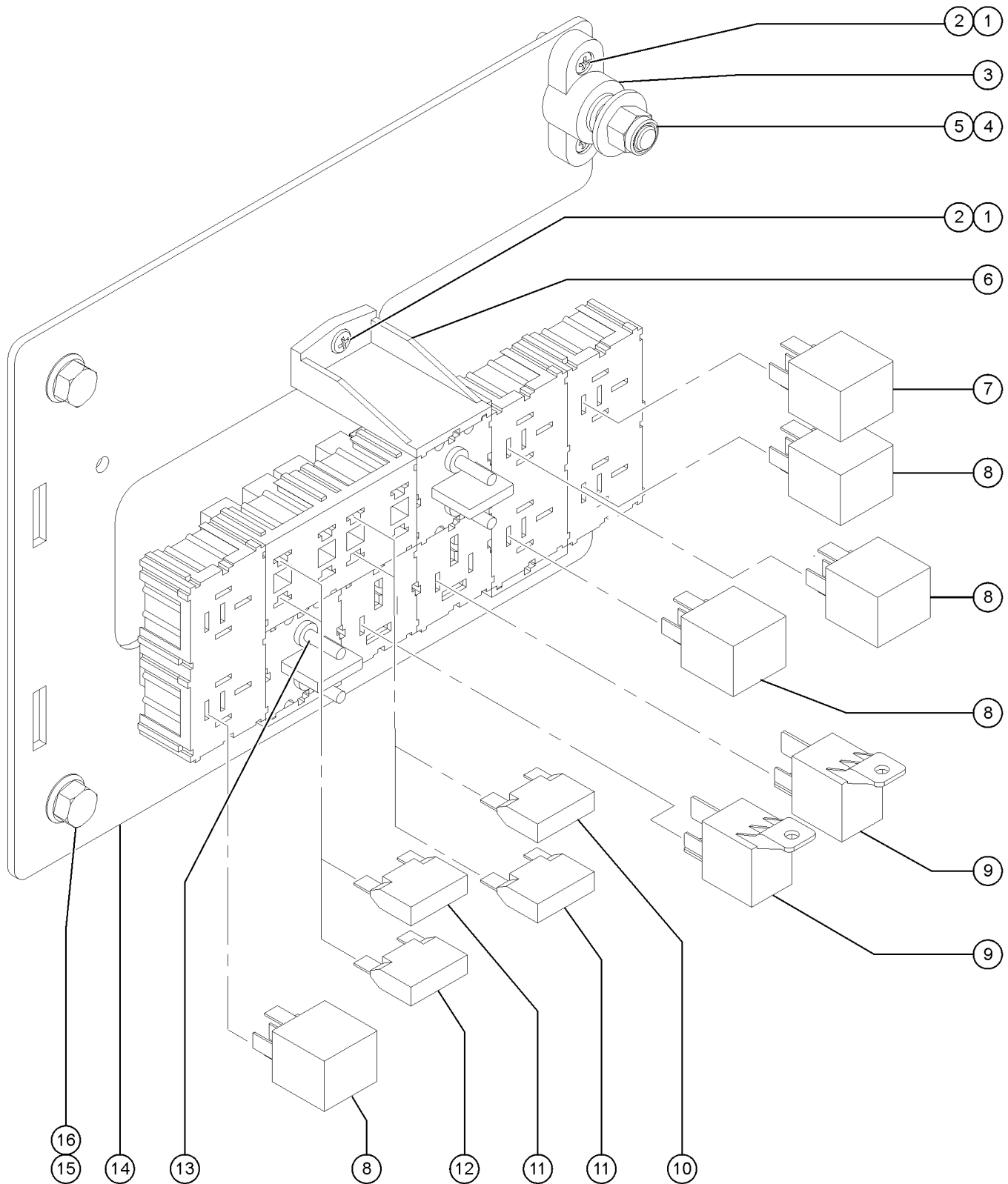
306.1 Turntable Rotator and Hydraulic Rotary Coupler Install (continued)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
40B	94623	KIT, FRICTION DISC <i>Use with swing drive 139189 or 88921</i>		47	41549	PAD, BOOM REST.....	1
--	41489	SCREW, SHC, 5/16-18 X 2, PLATED <i>Manifold to motor</i>		48	35714	SCREW, FHS, 3/8-16 X 2.25	
--	45483	VALVE, SHUTTLE*** <i>Use with swing drive 88921; to SN 8237</i>		49	6097	WASHER, FLAT, USS, 3/8", Y	
--	58387	O-RING, MOTOR/BRAKE (88921)*** <i>Use with swing drive 88921; to SN 8237</i>		50	121353	WELDMENT, TRANSPORT.....	1
--	65616	SEAL KIT PWR WHL MOTOR <i>Use with swing drive 88921; to SN 8237</i>					
--	6886	WASHER, LOCK, .313 <i>Manifold to motor</i>					
--	81366	MANIFOLD, SWING CB & BRAKE <i>Use with swing drive 88921; to SN 8237</i>					
--	83009	VALVE, COUNTERBALANCE (81366)*** <i>Use with swing drive 88921; to SN 8237</i>					
--	94621	SWING MOTOR, COMPLETE*** <i>Use with swing drive 88921; to SN 8237</i>					
--	94622	BRAKE PORT HARDLINE <i>Use with swing drive 88921; to SN 8237</i>					
--	94624	KIT, BRAKE SPRING <i>Use with swing drive 139189 or 88921</i>					
--	94625	SEAL KIT, SWING BRAKE <i>Use with swing drive 88921; to SN 8237</i>					
--	94626	KIT, SWING BRAKE REBUILD <i>Use with swing drive 88921; to SN 8237</i>					
41	121393	MACHINED BACKLASH.....	1				
42	81986	COVER, ROTATION GEAR.....	1				
43	123163	FLGHCS, 1/2-13X.75, GR5, BLK PH.....	3				
44	20654	SCREW, SHC, 5/8-11 X 3.50, A574.....	18				
45	50035	BEARING, TURNTABLE.....	1				
--	227785	BEARING TURNTABLE SEAL ***					
46	122382	RELAY COVER W/WORD DECALS.....	1				
--	111601	FORMING, RELAY BLOCK COVER <i>(Symbol units)</i>					

306.1 Turntable Rotator and Hydraulic Rotary Coupler Install
(continued)

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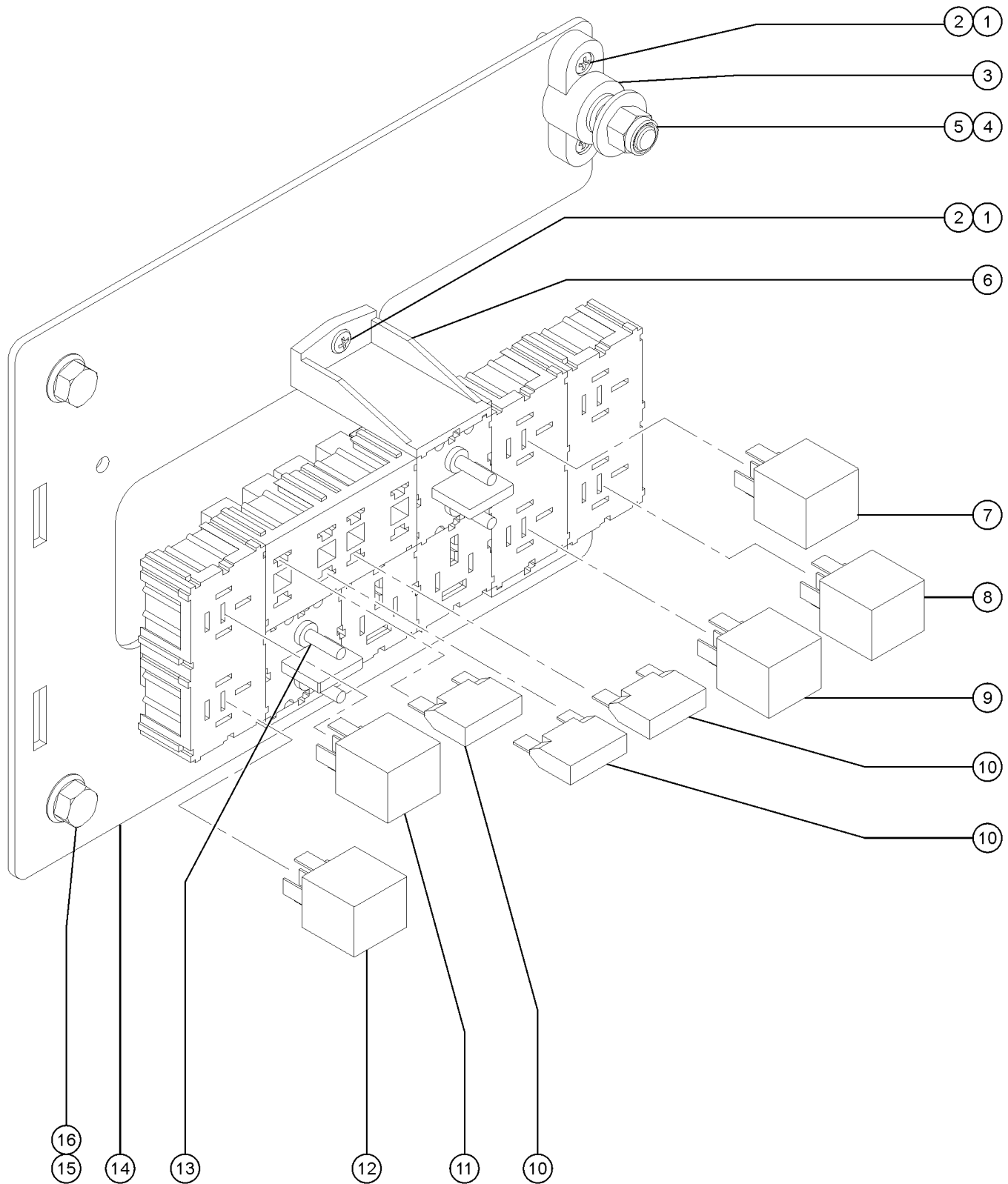
307.1 Turntable Components - Relay Panel, Diesel Models



307.1 Turntable Components - Relay Panel, Diesel Models

Item	Part No.	Description	Qty.
--	88159	LOCK,WEDGE,RLY 9.5MM	
1	6178	NUT,NYLOCK,10-32	
2	49816	SCREW,PHILLIPS,PHM,10-32 X .75	
3	94982	STANDOFF, 3/8" BLACK.....1	
4	6097	WASHER,FLAT,USS,3/8",Y	
5	4828	NUT,NYLOCK,3/8-16	
6	88160	BRACKET,LEG,RLY BLOCK.....3	
7	34052	RELAY,SPDT,12V(AUTO) PLUG IN**.....1 (Perkins models)	
8	34052	RELAY,SPDT,12V(AUTO) PLUG IN**.....4	
--	88167	CONN,DUAL RLY MODULE,10 POS	
9	61225	RELAY,12VDC,70AMP,SEALED.....2	
--	88162	CONN,POWER RLY MODULE,4POS	
10	101340	FUSE,60 AMP,MAXI.....1	
--	88164	CONN MAXI FUSE MODULE,4POS	
11	94327	FUSE,30 AMP MAXI.....2	
--	88164	CONN MAXI FUSE MODULE,4POS	
12	128978	CIRCUIT BREAKER TYPE 2, 10AMP.....1 (Perkins models)	
--	60536	FUSE,20 AMP,MAXI (Deutz models)	
--	88164	CONN MAXI FUSE MODULE,4POS	
13	106051	CONN,FEED THRU STUD.....2	
--	88164	CONN MAXI FUSE MODULE,4POS	
14	111602	PLATE, RELAY BLOCK MOUNT.....1	
15	75051	SCREW,SER FLNG3/8UNCX3/4ZNYEL.....4	
16	29868	SPRING CLIP,3/8-16.....3	

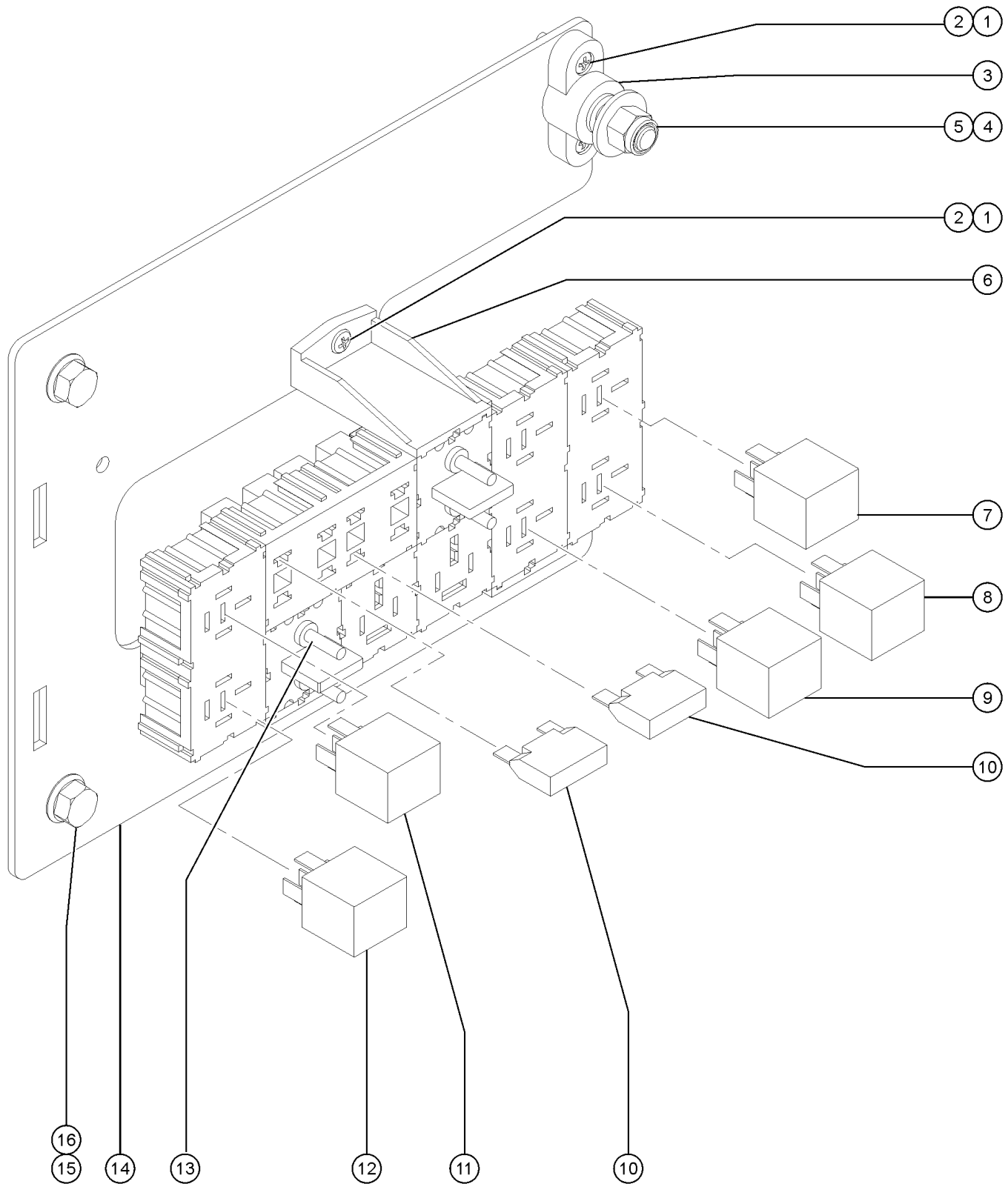
307.2 Turntable Components - Relay Panel, Deutz TD 2.9L4 (from SN 11346)



307.2 Turntable Components - Relay Panel, Deutz TD 2.9L4 (from SN 11346)

Item	Part No.	Description	Qty.
--	88159	LOCK,WEDGE,RLY 9.5MM	
1	6178	NUT,NYLOCK,10-32	
2	49816	SCREW,PHILLIPS,PHM,10-32 X .75	
3	94982	STANDOFF, 3/8" BLACK.....1	
4	6097	WASHER,FLAT,USS,3/8",Y	
5	4828	NUT,NYLOCK,3/8-16	
6	88160	BRACKET,LEG,RLY BLOCK.....3	
7	34052	RELAY,SPDT,12V(AUTO) PLUG IN**1 <i>CR2 (ENG/IGN RLY)</i>	
8	34052	RELAY,SPDT,12V(AUTO) PLUG IN** <i>CR6 (FUEL PUMP RLY)</i>	
9	34052	RELAY,SPDT,12V(AUTO) PLUG IN** <i>CR39 (VDROP RLY)</i>	
10	60536	FUSE,20 AMP,MAXI.....3	
--	88164	CONN MAXI FUSE MODULE,4POS	
11	34052	RELAY,SPDT,12V(AUTO) PLUG IN**1 <i>CR17 (OIL COOL RLY, OPTION)</i>	
12	34052	RELAY,SPDT,12V(AUTO) PLUG IN**1 <i>CR5 (HORN RLY)</i>	
13	106051	CONN,FEED THRU STUD.....2	
--	88164	CONN MAXI FUSE MODULE,4POS	
14	111602	PLATE, RELAY BLOCK MOUNT.....1	
15	75051	SCREW,SER FLNG3/8UNCX3/4ZNYEL.....4	
16	29868	SPRING CLIP,3/8-16.....3	

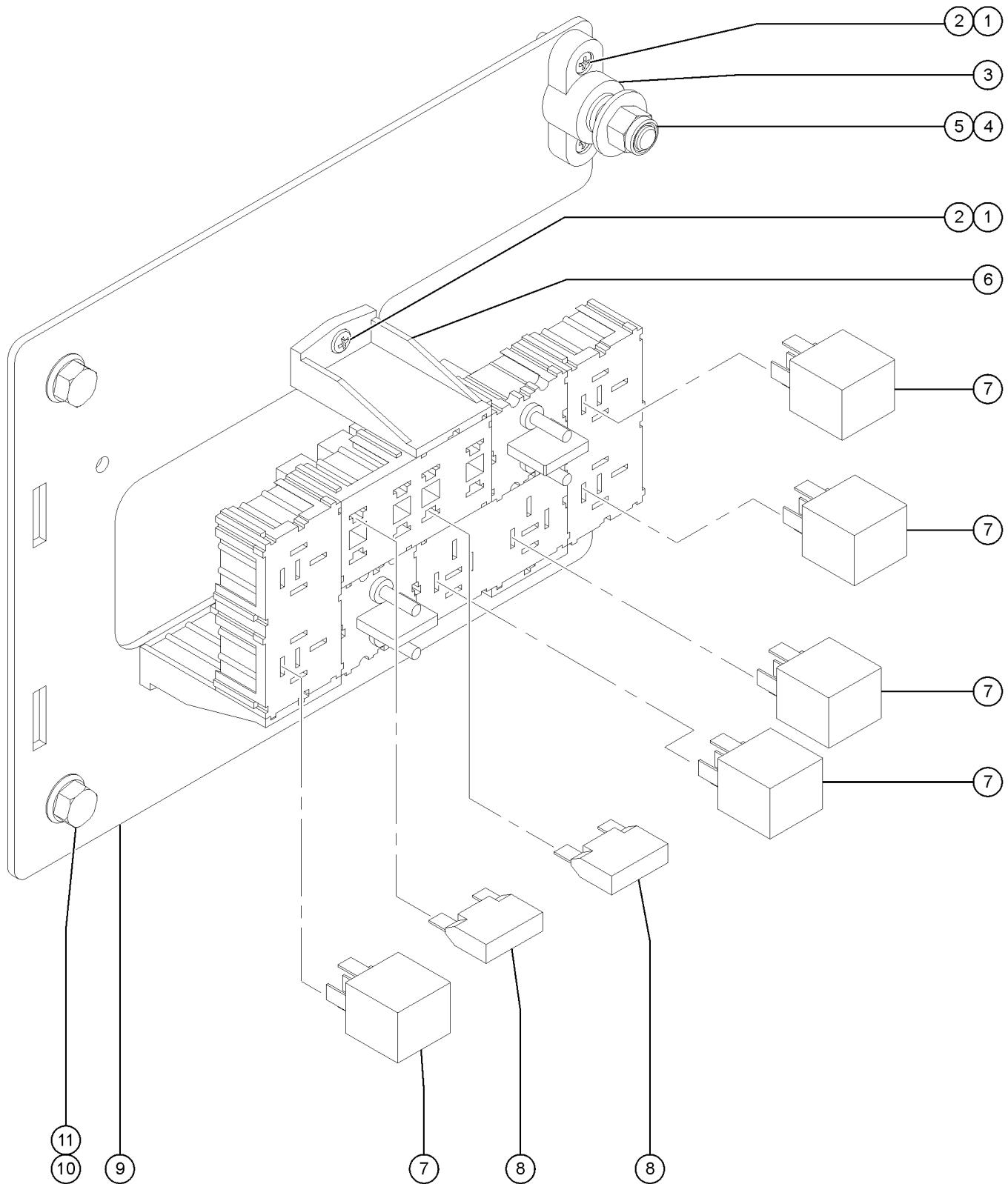
307.3 Turntable Components - Relay Panel, Perkins 404F-22T (from SN 11649)



307.3 Turntable Components - Relay Panel, Perkins 404F-22T (from SN 11649)

Item	Part No.	Description	Qty.
--	88159	LOCK,WEDGE,RLY 9.5MM	
1	6178	NUT,NYLOCK,10-32	
2	49816	SCREW,PHILLIPS,PHM,10-32 X .75	
3	94982	STANDOFF, 3/8" BLACK.....1	
4	6097	WASHER,FLAT,USS,3/8",Y	
5	4828	NUT,NYLOCK,3/8-16	
6	88160	BRACKET,LEG,RLY BLOCK.....3	
7	34052	RELAY,SPDT,12V(AUTO) PLUG IN**1 <i>CR4A (LOW RPM RLY)</i>	
8	34052	RELAY,SPDT,12V(AUTO) PLUG IN** <i>CR4B (HIGH RPM RLY)</i>	
9	34052	RELAY,SPDT,12V(AUTO) PLUG IN** <i>CR39B (VDROP RLY)</i>	
10	60536	FUSE,20 AMP,MAXI.....2	
--	88164	CONN MAXI FUSE MODULE,4POS	
11	34052	RELAY,SPDT,12V(AUTO) PLUG IN**1 <i>CR17 (OIL COOL RLY, OPTION)</i>	
12	34052	RELAY,SPDT,12V(AUTO) PLUG IN**1 <i>CR5 (HORN RLY)</i>	
13	106051	CONN,FEED THRU STUD.....2	
--	88164	CONN MAXI FUSE MODULE,4POS	
14	111602	PLATE, RELAY BLOCK MOUNT.....1	
15	75051	SCREW,SER FLNG3/8UNCX3/4ZNYEL.....4	
16	29868	SPRING CLIP,3/8-16.....3	

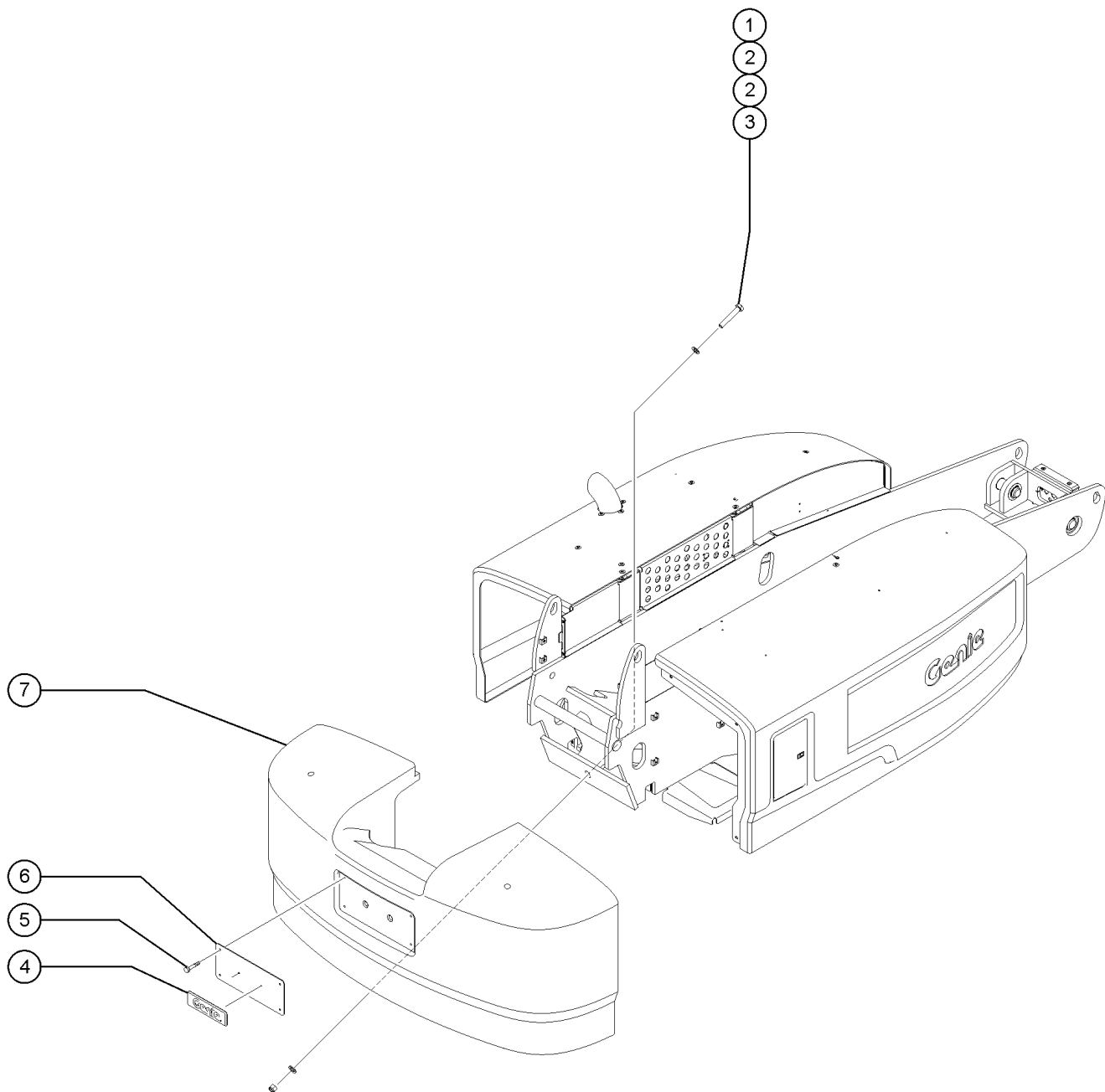
308.1 Turntable Components - Relay Panel, Gasoline/LPG Models



308.1 Turntable Components - Relay Panel, Gasoline/LPG Models

Item	Part No.	Description	Qty.
--	88159	LOCK,WEDGE,RLY 9.5MM	
1	6178	NUT,NYLOCK,10-32	
2	49816	SCREW,PHILLIPS,PHM,10-32 X .75	
3	94982	STANDOFF, 3/8" BLACK.....1	
4	6097	WASHER,FLAT,USS,3/8",Y	
5	4828	NUT,NYLOCK,3/8-16	
6	88160	BRACKET,LEG,RLY BLOCK.....3	
7	34052	RELAY,SPDT,12V(AUTO) PLUG IN**.....5	
--	88167	CONN,DUAL RLY MODULE,10 POS	
8	94327	FUSE,30 AMP MAXI.....2	
--	88164	CONN MAXI FUSE MODULE,4POS	
9	111602	PLATE, RELAY BLOCK MOUNT.....1	
10	75051	SCREW,SER FLNG3/8UNCX3/4ZNYEL.....4	
11	29868	SPRING CLIP,3/8-16.....3	

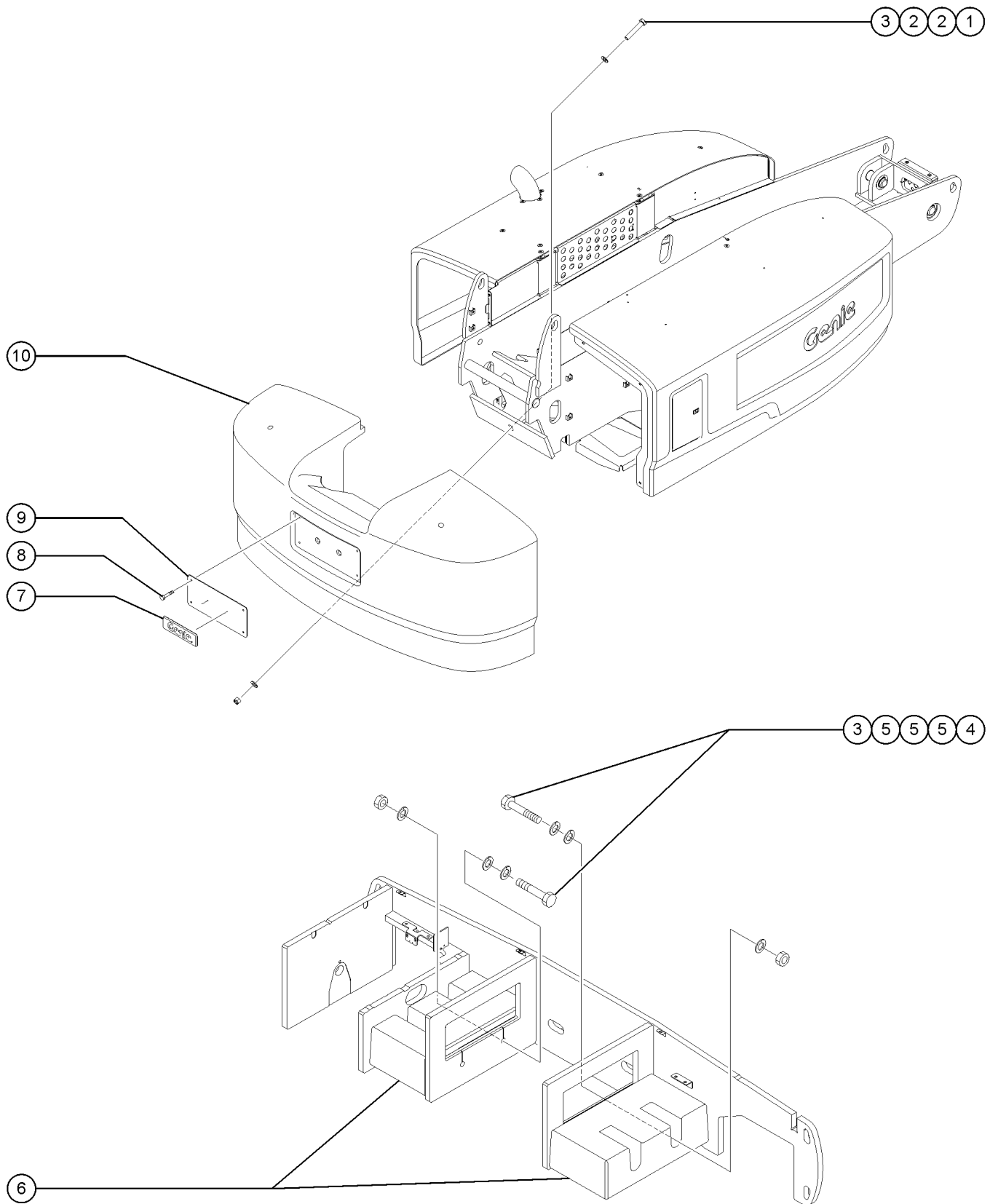
309.1 Turntable Counterweight, S-80X and S-80



309.1 Turntable Counterweight, S-80X and S-80

Item	Part No.	Description	Qty.
1	34350	SCREW,HHC,1-8 X 6 GRD.5	
2	122079	WASHER,FLAT,1.000,HARDENED..2	
3	29764	NUT,NYLOCK,1-8	
4	123376	EMBLEM,GENIE,12 IN.....1 <i>to SN 9022</i>	
5	121439	SCREW,BH SEC,3/8-16X.75 SS <i>to SN 9022</i>	
6	121438	PLATE, GENIE LOGO MOUNT.....1 <i>to SN 9022</i>	
7	121232	COUNTERWEIGHT,S80.....1 <i>10,750 lbs</i>	

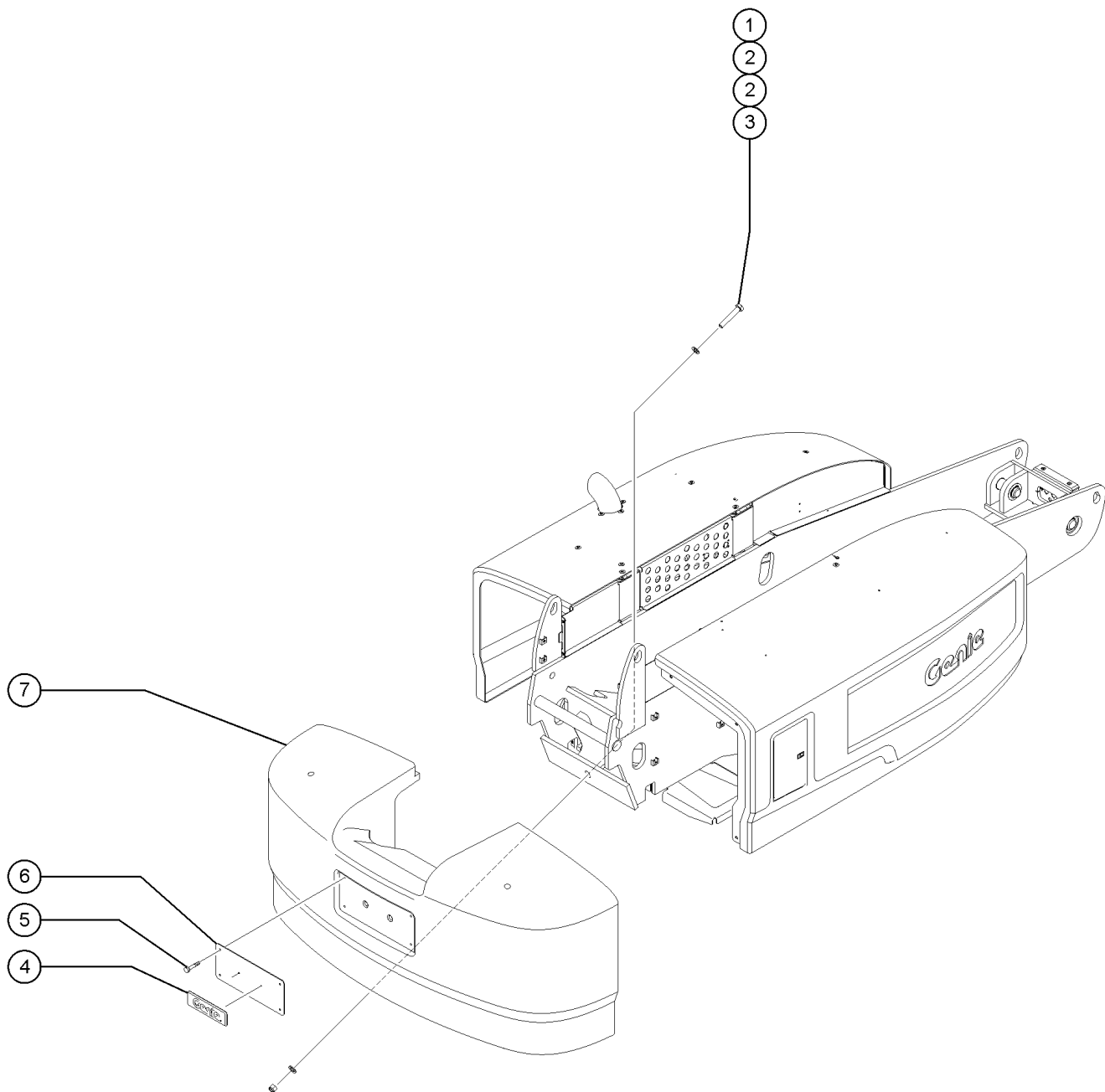
310.1 S-80X High Capacity



310.1 S-80X High Capacity

Item	Part No.	Description	Qty.
1	34350	SCREW,HHC,1-8 X 6 GRD.5	
2	122079	WASHER,FLAT,1.000,HARDENED..2	
3	29764	NUT,NYLOCK,1-8	
4	30286	SCREW,HHC,1-8 X 12IN GRD.2***	
5	38859	WASHER,FLAT,USS,1",Y	
6	88482	CASTING,CHASSIS WEIGHT.....2 <i>1,400 lbs each</i>	
7	123376	EMBLEM,GENIE,12 IN.....1 <i>to SN 9022</i>	
8	121439	SCREW,BH SEC,3/8-16X.75 SS <i>to SN 9022</i>	
9	121438	PLATE, GENIE LOGO MOUNT.....1 <i>to SN 9022</i>	
10	121233	COUNTERWEIGHT,S85.....1 <i>13,000 lbs</i>	

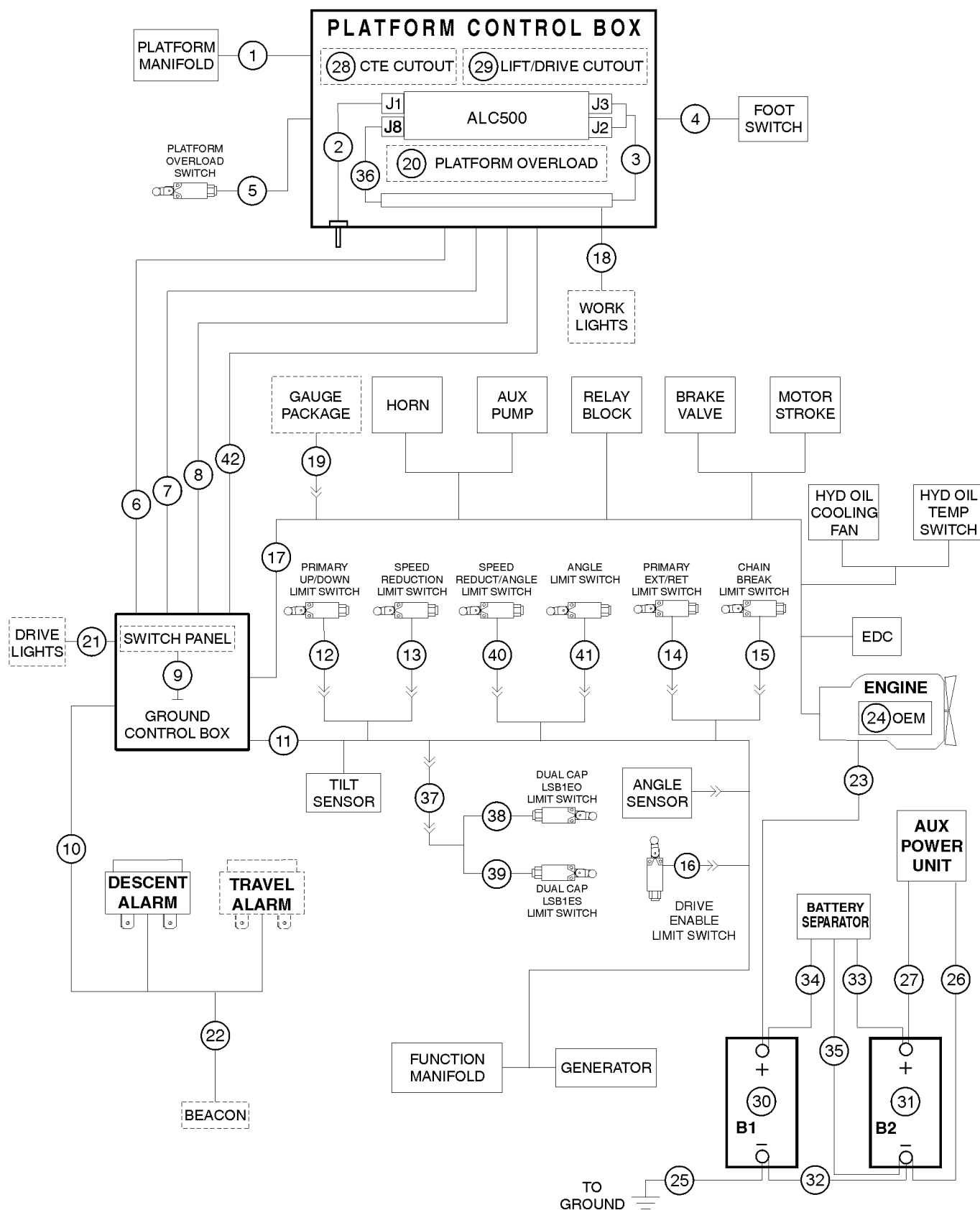
311.1 Turntable Counterweight, S-85



311.1 Turntable Counterweight, S-85

Item	Part No.	Description	Qty.
1	34350	SCREW,HHC,1-8 X 6 GRD.5	
2	122079	WASHER,FLAT,1.000,HARDENED..2	
3	29764	NUT,NYLOCK,1-8	
4	123376	EMBLEM,GENIE,12 IN.....1 <i>to SN 9022</i>	
5	121439	SCREW,BH SEC,3/8-16X.75 SS <i>to SN 9022</i>	
6	121438	PLATE, GENIE LOGO MOUNT.....1 <i>to SN 9022</i>	
7	121233	COUNTERWEIGHT,S85.....1 <i>13,000 lbs</i>	

312.1 Wire Harness Diagram, S-80X and S-80



312.1 Wire Harness Diagram, S-80X and S-80

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	121726	HARN,PLAT MANIFOLD,S80.....	1	--	1253210	CIRCUIT BREAKER, AUTO RESET,6A (used with harness 1253141 or 1253142); from SN 10913	
2	121840	HARNESS,SERV,S80-2008 PBOX J1.....	1	--	121731	HARNESS,GBOX,CONTNTL,S80/85.1 (Continental models)	
--	1251635	HARN, PBOX, PERKINS T4, S80 (Perkins 404F-22T models); J2 and J3 harnesses are part of this harness, from SN 11649		10	121753	HARNESS,ALARM/BEACON,S80 2008.....	1
--	826938	HARN, PBOX, DEUTZ 2.9T, S80 (Deutz TD 2.9L4 models); J2 and J3 harnesses are part of this harness, from SN 11346		11	121728	HARN,FUNCTION S80/85 2008.....	1
3	121841	HARNESS,SERV,S80-2008 PBOX J2.....	1	--	147450	HARN,FUNCT MANIFOLD,S80/85 from SN 8500	
--	121842	HARNESS,SERV,S80-2008 PBOX J3 Excluding (Deutz TD 2.9L4 and Perkins 404F-22T models)		12	121469	HARN,LS,BOOM ANGLE S80/85 2008.....	1
4	227516	ASSEMBLY,FOOT SWITCH.....	1	--	110771-141C7	LIMIT SW.TAB,BLUE METAL	
5	121848	ASSY,LS,LOAD SENSE,38.5 IN.....	1	13	121499	HARN,LS,SPD REDUCT S80.85 2008.....	1
6	121732	HARNESS,16/22 BOOM 1,S80-2008.....	1	--	110771-121C7	LIMIT SW,TAB,BLUE METAL to SN 8499	
7	121477	HARNESS,18/22 BOOM 2,S80-2008.....	1	14	121466	HARNESS,LS,BOOM RET S80/85.....	1
8	121478	HARNESS,12V TO PLAT,S80-2008.....	1	--	88356-32163	SWITCH,LIMIT,TABUL	
9	121729	HARNESS,GBOX,DEUTZ,S80/85....	1	15	121468	HARNESS,LS,CHAIN BREAK S80/85.....	1
--	1253141	HARN,GBOX,DEUTZ,S80/85 (Deutz TD2011L04i models); to SN 10912		--	88356-13107	SWITCH,LIMIT,TABUL	
--	826937	HARN, GBOX, DEUTZ 2.9T, S80 (Deutz TD 2.9L4 models); from SN 11346		16	121467	HARN,LS.DRIVE EN,S80/85 2008....	1
--	121730	HARNESS,GBOX,PERKINS,S80/85.1 (Perkins 804D-33 models); to SN 10925		--	88356-33103	SWITCH,LIMIT TABULATED,BLUE	
--	1253142	HARNESS,GBOX,PERKINS,S80/85 (Perkins 804D-33 models); from SN 10926		17	121471	HARNESS,DEUTZ 2008 S80/85.....	1
--	1251634	HARN, GBOX, PERKINS T4, S80 (Perkins 404F-22T models); from SN 11649		--	121470	HARNESS,CONT TME 2008 S80/85.....	1
				--	121472	HARNESS,PERKINS 2008 S80/85.....	1
				--	1251642	HARNESS, ENG, PERKINS T4, S80 (Perkins 404F-22T models); from SN 11649	
				--	216759	HARNESS,CONT TME 2008 S80/85 (Continental models); from SN 10003	
				--	216760	HARNESS,DEUTZ 2008 S80/85 (Deutz TD2011L04i models); from SN 9736	

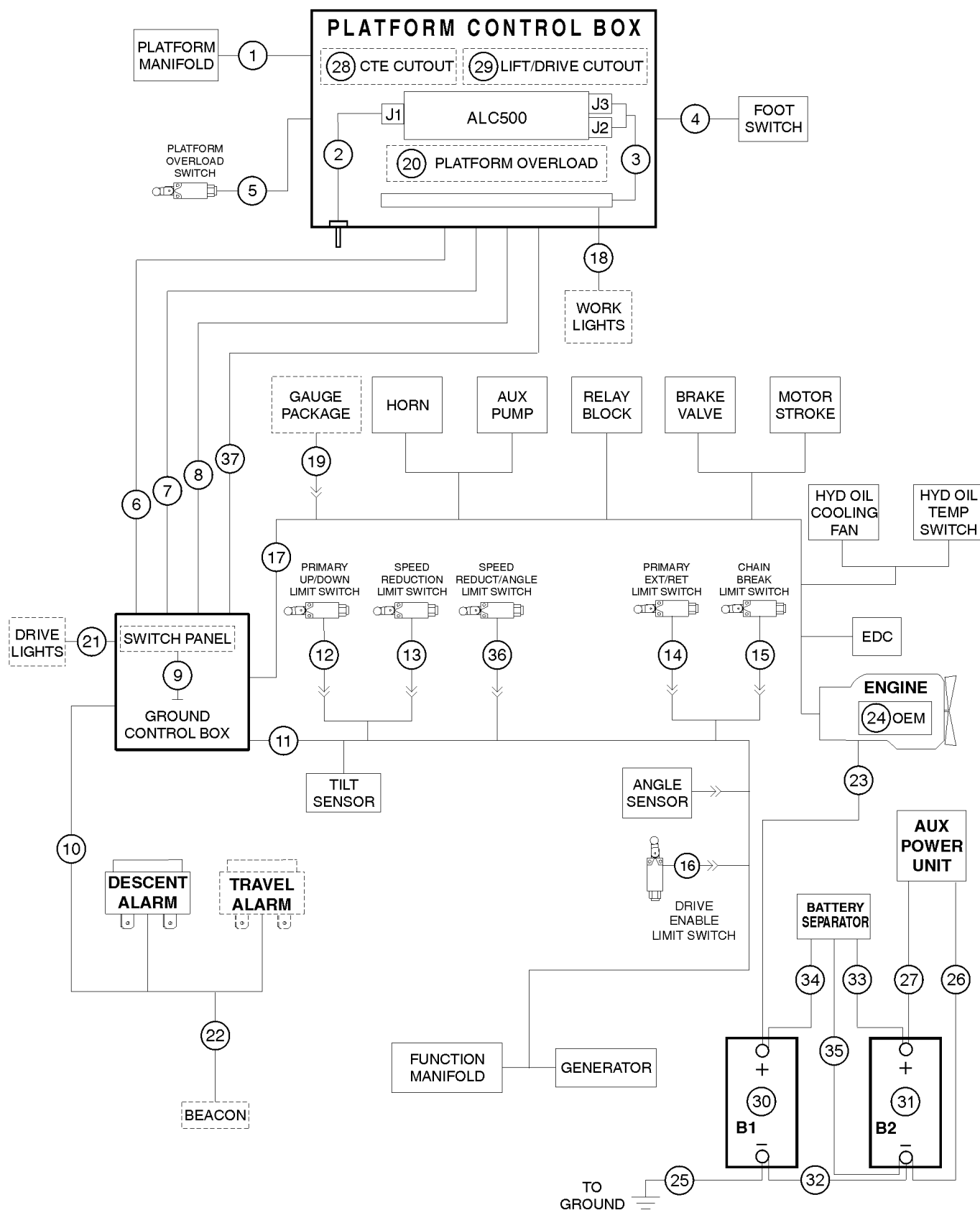
312.1 Wire Harness Diagram, S-80X and S-80 (continued)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	216761	HARNESS,PERKINS 2008 S80/85 (Perkins 804D-33 models); from SN 9757		--	121619	HARNESS,BATT2 TO APU(+),S80 from SN 8199	
--	824585	HARN, T4 DEUTZ 2.9L S80 (Deutz TD 2.9L4 models); from SN 11346		27	121484	CABLE,APU 2GA POS 24".....1 to SN 8198	1
--	826710	HARNESS, EXTENSION, 404F-22.....1 (Perkins 404F-22T models); from SN 11649	1	--	121622	HARNESS,BATT2 TO APU(-),S80 from SN 8199	
18	121653	HARNESS,WOR LIGHTS,S80-2008.....1 to SN 8402	1	28	121521	OPT,CTE CUTOUT,S80/85.....1	1
--	13097	FUSE,10 AMP Use with harness item 147406; from SN 8403 to 8621		29	121461	HARNESS,LFT/DRV CUTOUT,S80/85.....1	1
--	147406	HARNESS, WORK LIGHTS from SN 8403 to 8621		30	30143	BATTERY,12V,1000 CCA GRP 31 from SN 8199	
--	T115760	HARNESS,12V WORK LIGHTS from SN 8622		31	77694	BATTERY,12V DEEP CYC 5/16"STUD from SN 8199	
--	T115761	HARNESS,12V WORK LIGHT RELAY Use with harness item T115760; from SN 8622		32	106555	HARNESS,GND BATT 1 TO BATT 2 from SN 8199	
19	121492	HARNESS,GAUGE OPT. S80/85.....1	1	33	121620	AS-BOX WITH MOUNT BAR from SN 8199	
20	121836	HARNESS, LOAD SENSE, 2008.....1	1	34	121617	HARNESS,BATT1 TO SEPERATOR,S80 from SN 8199	
--	121843	RESISTOR,4.7K OHM,25 WATT		35	121621	HARNESS,SEPERATOR GND,S80 from SN 8199	
21	121447	HARNESS,DRV LIGHTS,S80/85 2008.....1	1	36	147622	HARN,PBOX,DUAL CAP S-80X only, from SN 8500	
22	121489	HARNESS,BEACON,S80/85 2008...1	1	37	147653	HARN, LS CABLE,S80 DUAL CAP S-80X only, from SN 8500	
23	121748	CABLE BATTERY POS RED 132"....1 (Perkins 804D-33 models)	1	38	T106478	HARN, LS OP PRI.DUAL CAP.....1 S-80X only, from SN 8500	1
--	121474	BATTERY CABLE,2/0,POS,RD,123".....1	1	39	T106479	HARN,LS SAFETY,PRI.DUAL CAP.....1 S-80X only, from SN 8500	1
24	122250	HARNESS,TME27 ENGINE,EPA2007.....1	1	40	T107193	HARN,LS OP PRI VEL LST3O from SN 8500	
--	122399	HARNESS,TD2011LO4i, DEUTZ.....1	1	--	110771-13107	SWITCH,LIMIT,W/RLLR ARM,NO/NC from SN 8500	
25	121747	CABLE BATTERY NEG BK 100".....1 to SN 9995	1	41	T107194	HARN,LS SAFETY PRI VEL LST3S S-80X only, from SN 8500	
--	121473	BATTERY CABLE,2/0,NEG,BK,84" (Continental models); to SN 10002		--	110771-11117	SWITCH,LIMIT,W/RLLR ARM,NO/NC S-80X only, from SN 8500	
--	121747	BATTERY CABLE,NEG BK 116" (Perkins 404F-22T models); from SN 11649		42	229357	HARNESS, LIGHT PACKAGE, S80	
--	217370	CABLE,BATTERY NEG,BK from SN 9996					
26	121483	CABLE, APU 2GA NEG 20".....1 to SN 8198	1				

312.1 Wire Harness Diagram, S-80X and S-80
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313.1 Wire Harness Diagram, S-85



313.1 Wire Harness Diagram, S-85

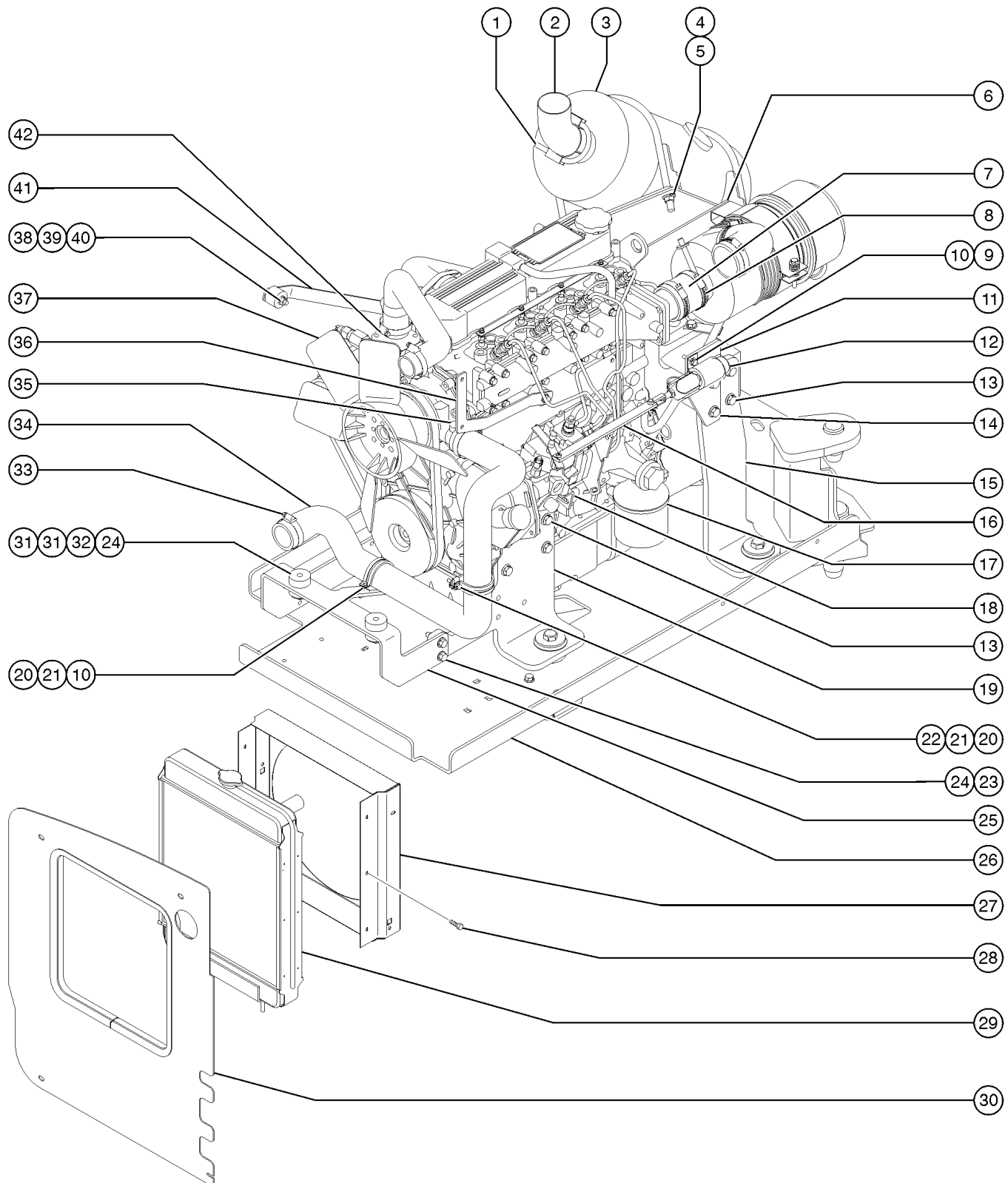
Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	121727	HARN,PLAT MANIFOLD,S85.....	1	--	1253210	CIRCUIT BREAKER, AUTO RESET,6A (Perkins 804D-33 models); from SN 10926	
2	121840	HARNESS,SERV,S80-2008 PBOX J1.....	1	--	121731	HARNESS,GBOX,CONTNTL,S80/85.1 (Continental models)	
--	1251635	HARN, PBOX, PERKINS T4, S80 (Perkins 404F-22T models); J2 and J3 harnesses are part of this harness, from SN 11649		10	121753	HARNESS,ALARM/BEACON,S80 2008.....	1
--	826938	HARN, PBOX, DEUTZ 2.9T, S80 (Deutz TD 2.9L4 models); J2 and J3 harnesses are part of this harness, from SN 11346		11	121728	HARN,FUNCTION S80/85 2008.....	1
3	121841	HARNESS,SERV,S80-2008 PBOX J2.....	1	--	147450	HARN,FUNCT MANIFOLD,S80/85 from SN 8500	
--	121842	HARNESS,SERV,S80-2008 PBOX J3 Excluding (Deutz TD 2.9L4 and Perkins 404F-22T models)		12	121469	HARN,LS,BOOM ANGLE S80/85 2008.....	1
4	227516	ASSEMBLY,FOOT SWITCH.....	1	--	110771-141C7	LIMIT SW.TAB,BLUE METAL	
5	121848	ASSY,LS,LOAD SENSE,38.5 IN.....	1	13	121499	HARN,LS,SPD REDUCT S80.85 2008.....	1
6	121733	HARNESS,16/22 BOOM 1,S85-2008.....	1	--	110771-121C7	LIMIT SW,TAB,BLUE METAL to SN 8499	
7	121480	HARNESS,18/22 BOOM 2,S85-2008.....	1	14	121466	HARNESS,LS,BOOM RET S80/85.....	1
8	121481	HARNESS,12V TO PLAT,S85-2008.....	1	--	88356-32163	SWITCH,LIMIT,TABUL	
9	121729	HARNESS,GBOX,DEUTZ,S80/85.... (Deutz TD2011L04i models); to SN 10912	1	15	121468	HARNESS,LS,CHAIN BREAK S80/85.....	1
--	1253141	HARN,GBOX,DEUTZ,S80/85 (Deutz TD2011L04i models); from SN 10913		--	88356-13107	SWITCH,LIMIT,TABUL	
--	826937	HARN, GBOX, DEUTZ 2.9T, S80 (Deutz TD 2.9L4 models); from SN 11346		16	121467	HARN,LS.DRIVE EN,S80/85 2008....	1
--	121730	HARNESS,GBOX,PERKINS,S80/85.1 (Perkins 804D-33 models); to SN 10925		--	88356-33103	SWITCH,LIMIT TABULATED,BLUE	
--	1253142	HARNESS,GBOX,PERKINS,S80/85 (Perkins 804D-33 models); from SN 10926		17	121471	HARNESS,DEUTZ 2008 S80/85..... (Deutz TD2011L04i models); to SN 9735	1
--	1251634	HARN, GBOX, PERKINS T4, S80 (Perkins 404F-22T models); from SN 11649		--	121470	HARNESS,CONT TME 2008 S80/85..... (Continental models); to SN 10002	1
				--	121472	HARNESS,PERKINS 2008 S80/85..... (Perkins 804D-33 models); to SN 9756	1
				--	1251642	HARNESS, ENG, PERKINS T4, S80 (Perkins 404F-22T); from SN 11649	
				--	216759	HARNESS,CONT TME 2008 S80/85 (Continental models); from SN 10003	
				--	216760	HARNESS,DEUTZ 2008 S80/85 (Deutz TD2011L04i models); from SN 9736	
				--	216761	HARNESS,PERKINS 2008 S80/85 (Perkins 804D-33 models); from SN 9757	

313.1 Wire Harness Diagram, S-85 (continued)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	824585	HARN, T4 DEUTZ 2.9L S80 (Deutz TD 2.9L4 models); from SN 11346		--	121622	HARNESS,BATT2 TO APU(-),S80 from SN 8199	
--	826710	HARNESS, EXTENSION, 404F-22.....1 (Perkins 404F-22T models); from SN 11649		28	121521	OPT,CTE CUTOOT,S80/85.....1	
18	121653	HARNESS,WOR LIGHTS,S80-2008.....1 to SN 8402		29	121461	HARNESS,LFT/DRV CUTOOT,S80/85.....1	
--	13097	FUSE,10 AMP Use with harness item 147406; from SN 8403 to 8621		30	30143	BATTERY,12V,1000 CCA GRP 31 from SN 8199	
--	147406	HARNESS, WORK LIGHTS from SN 8403 to 8621		31	77694	BATTERY,12V DEEP CYC 5/16"STUD from SN 8199	
--	T115760	HARNESS,12V WORK LIGHTS from SN 8622		32	106555	HARNESS,GND BATT 1 TO BATT 2 from SN 8199	
--	T115761	HARNESS,12V WORK LIGHT RELAY Use with harness item T115760; from SN 8622		33	121620	AS-BOX WITH MOUNT BAR from SN 8199	
19	121492	HARNESS,GAUGE OPT. S80/85.....1		34	121617	HARNESS,BATT1 TO SEPERATOR,S80 from SN 8199	
20	121836	HARNESS, LOAD SENSE, 2008.....1		35	121621	HARNESS,SEPERATOR GND,S80 from SN 8199	
--	121843	RESISTOR,4.7K OHM,25 WATT		36	T107193	HARN,LS OP PRI VEL LST3O from SN 8500	
21	121447	HARNESS,DRV LIGHTS,S80/85 2008.....1		--	110771-13107	SWITCH,LIMIT,W/RLLR ARM,NO/NC from SN 8500	
22	121489	HARNESS,BEACON,S80/85 2008...1		37	229358	HARNESS, LIGHT PACKAGE, S85	
23	121748	CABLE BATTERY POS RED 132"....1 (Perkins 804D-33 models)					
--	121474	BATTERY CABLE,2/0,POS,RD,115".....1					
24	122250	HARNESS,TME27 ENGINE,EPA2007.....1					
--	122399	HARNESS,TD2011LO4i, DEUTZ.....1					
25	121747	CABLE BATTERY NEG BK 100".....1 to SN 9995					
--	121473	BATTERY CABLE,2/0,NEG,BK,84" (Continental models); to SN 10002					
--	121747	BATTERY CABLE,NEG BK 116" (Perkins 404F-22T models); from SN 11649					
--	217370	CABLE,BATTERY NEG,BK from SN 9996					
26	121483	CABLE, APU 2GA NEG 20".....1 to SN 8198					
--	121619	HARNESS,BATT2 TO APU(+),S80 from SN 8199					
27	121484	CABLE,APU 2GA POS 24".....1 to SN 8198					

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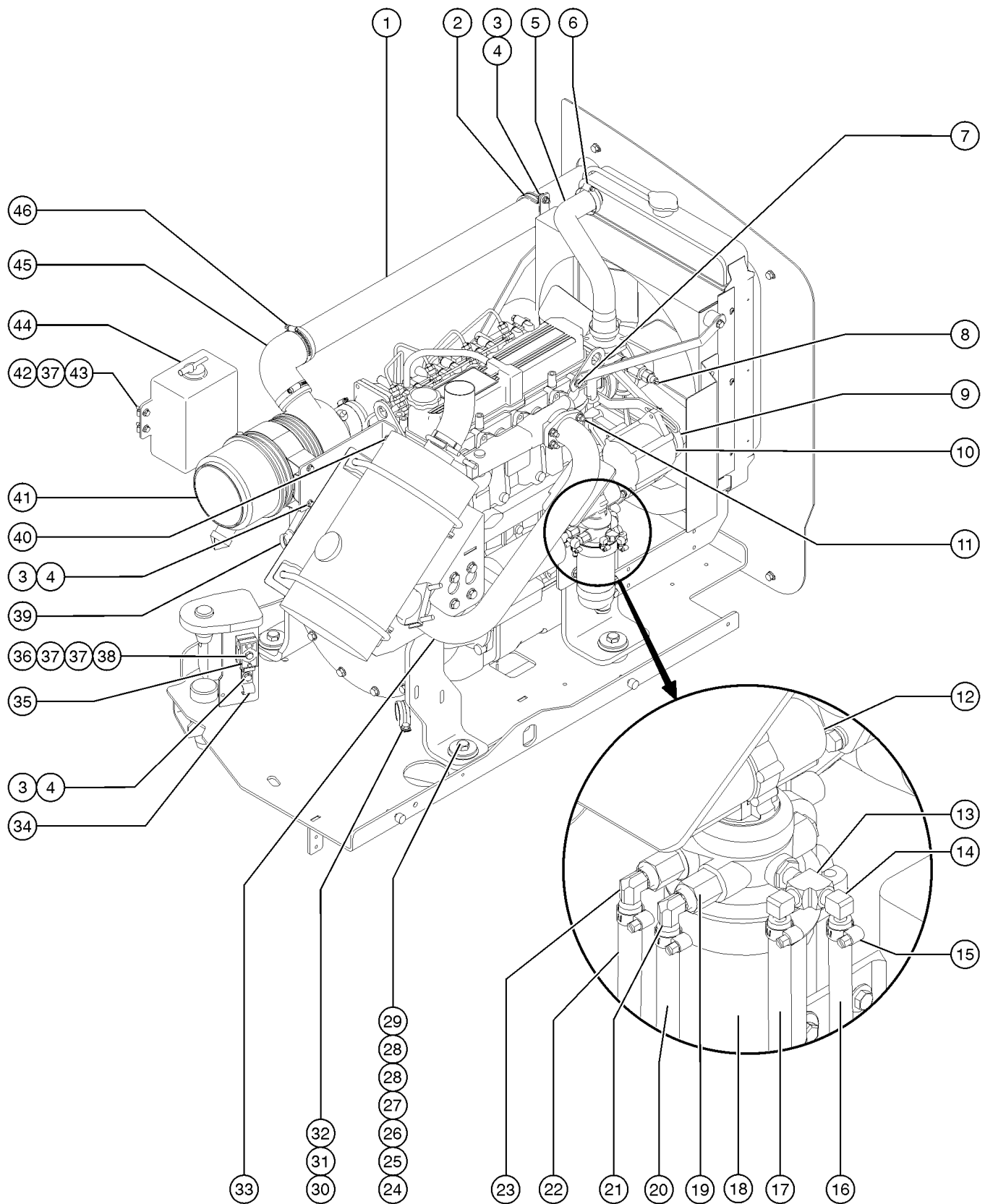
401.1 Perkins 804D-33 Engine - View 1



401.1 Perkins 804D-33 Engine - View 1

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	71911	CLAMP,MUFFLER, 2.50 INCH.....	1	30	121383	PERKINS ENGINE SIDE BULKHEAD.....	1
2	121206	PIPE, EXHAUST DISCHARGE.....	1	--	60875-6600	TRIM,RUBBER"D"SEAL, 3/16	
3	70444	MUFFLER,2.5"INLET/OUTLET.....	1	31	24038	SHOCK MOUNT,SMALL.....	4
--	101633	MUFFLER,SPARK ARREST,2.5 I/O		32	15086	WASHER,FLAT,.375 X 1.5 X .125	
--	101634	MUFFLER,CATALYTIC,2.5 I/O		33	35434	CLAMP,HOSE,2.00***.....	4
4	70449	U-BOLT,1/2-13 X 8.5.....	2	34	101602	HOSE,RADIATOR,LOWER,PERKINS.	1
5	121423	NUT,FLG,1/2-13.....	1	35	226060	PUMP,WATER,PERKINS 804D-33T	
6	121207	MOUNT, AIR FILTER.....	1	--	226061	GASKET-PUMP WATE,PERK 804D-33T	
7	34162-300	HOSE,AIR INTAKE 2.50" ID.....	1	36	101605P	BRACKET,FAN SHROUD,LH PAINTED.....	1
8	30971	CLAMP,HOSE,3.00".....	1	37	107545	FAN, PERKINS 804C-33.....	1
9	121430	SCREW,FLG HD,M10 X 70 GR12.9		38	121427	SCREW,HHF,M8X12	
10	121421	NUT,FLG,1/4-20		39	60585	ISOLATOR,VIBRATION,M8 MALE/FEM.....	1
11	101620P	BRACKET,SOLENOID PAINTED.....	1	40	121428	NUT,FLG,M8-1.25	
12	77402	SOLENOID,THROTTLE ACTUATOR DSL.....	1	41	101604P	BRACKET,FAN SHROUD,RH,PAINTED.....	1
--	21130	CLEVIS YOKE-1/4-28,PLTD W/PIN		42	226127	THERMOSTAT, 180 DEG.F	
13	121431	SCREW,HHF,M12X30 GR12.9		--	226128	GASKET, (226127)	
14	121432	SCREW,HHF,M12X35 GR12.9					
15	101610P	ENGINE MOUNT,LR PAINTED.....	1				
16	121814	THROTTLE LINKAGE,DIESEL.....	1				
17	101613	ELEMENT,OIL FILTER,PERKINS***.....	1				
18	102348	SENDING UNIT,OIL PRESS PERKINS.....	1				
--	101627	ADAPTER 3/8 FNPT X M16					
19	101608P	ENGINE MOUNT,LF PAINTED.....	1				
20	121420	SCREW,HHF,1/4-20 X 1.000					
21	61745	CLAMP,2.25,#36 X 3/8,RUB CUSH.....	1				
22	56912	SPRING CLIP,1/4-20,.025-.15X.5.....	1				
23	122209	SCREW,HHF,3/8-16 X1.50					
24	121422	NUT,HEX,FLG,3/8-16					
25	101606P	BRACKET,RADIATOR SUPPORT PNTD.....	1				
26	REF.	Engine Tray Assembly (Refer to 416.1)					
27	101603P	SHROUD,FAN,PERKINS PAINTED.....	1				
28	21019	SCREW,PHIL,PHM,10-24 X.5,SEMS					
29	110304	RADIATOR,FORD/PERKINS***.....	1				
--	65473	CAP,RADIATOR,PERKINS/FORD					

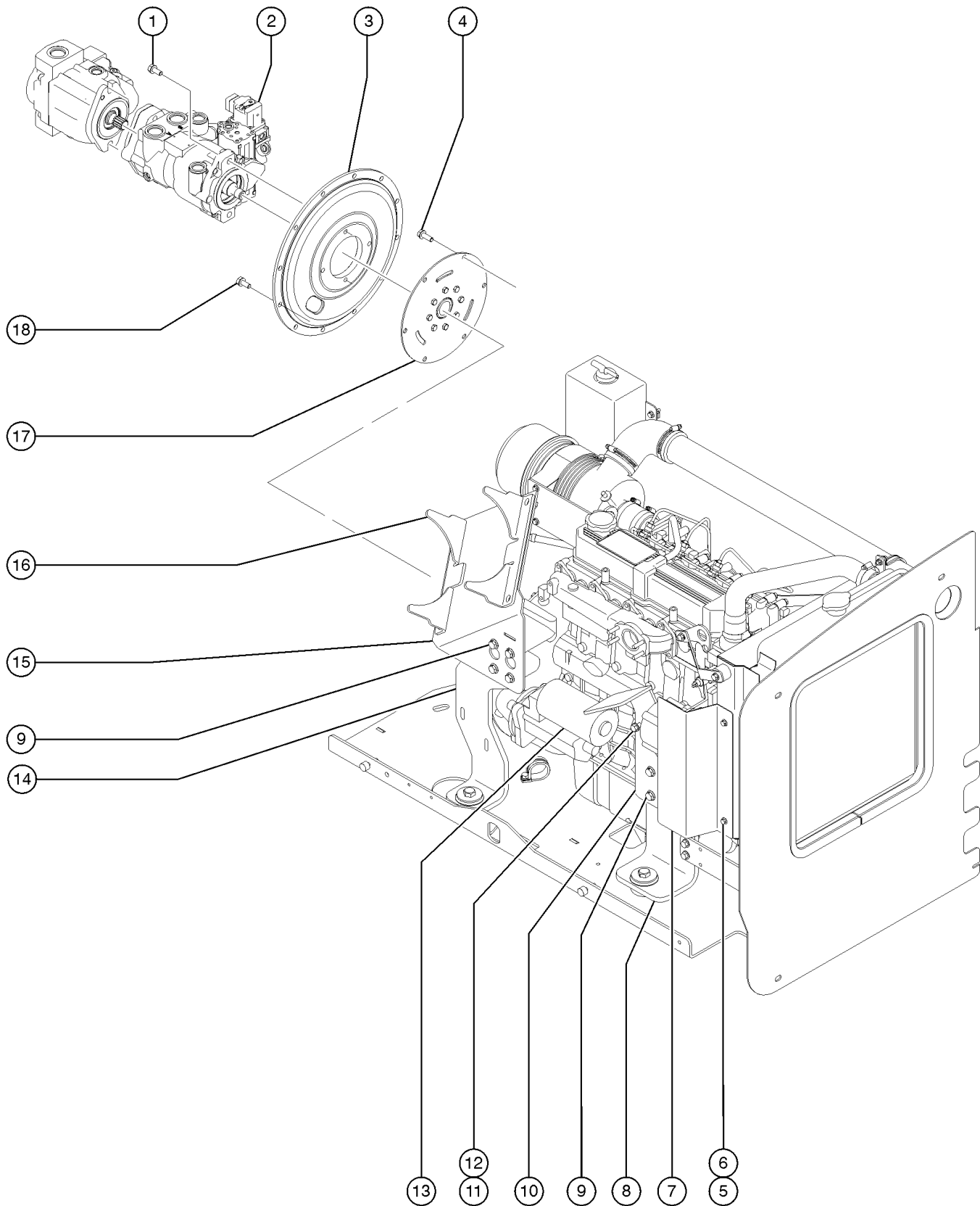
402.1 Perkins 804D-33 Engine - View 2



402.1 Perkins 804D-33 Engine - View 2

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	94324-3450	TUBE,RD,STL,ALUMIZD,2.5 X .065.....	1	30	75051	SCREW,SER FLNG3/8UNCX3/4ZNYEL	
2	101626	CLAMP,2.5,#40 X 1/4,RUB CUSH		31	32339	CLAMP,1.75,#28 X 3/8,RUB CUSH*.....	1
3	121420	SCREW,HHF,1/4-20 X 1.000		32	121422	NUT,HEX,FLG,3/8-16	
4	121421	NUT,FLG,1/4-20		33	121208	WELDMENT,EXHAUST PIPE.....	1
5	101601	HOSE,RADIATOR,UPPER,PERKINS.1		34	75289	CLAMP,HOSE,1/2" DOUBLE.....	1
6	35434	CLAMP,HOSE,2.00***.....	4	35	78736	CLAMP,2 HOSE,PLASTIC,5/8.....	2
7	121427	SCREW,HHF,M8X12				from SN 9757	
8	34058	SENDING UNIT,TMP,FRD,GM,PRK704.....	1	36	6637	SCREW, HHC, 1/4-20 X 1.75 from SN 9757	
--	28607	ADAPTER,140139-8-6		37	6638	WASHER,FLAT,USS,1/4"Y from SN 9757	
9	102534	V-BELT, PERKINS 804C-33.....	1	38	6091	NUT, NYLOCK, 1/4-20 from SN 9757	
10	58250	ALTERNATOR,PERKINS 800 SERIES.....	1	39	101625	DIP STICK TUBE ASSY.....	1
--	106023	CONN,ALT,3WAY,PERKINS 804		40	121429	SCREW,HHF,M8 X 25.....	2
--	106024	TERM,ALT.PERKINS 804,16/14 GA		41	63463	AIR CLEANER,NELSON***.....	1
--	56689	SEAL,CONNECT,AMP SINGLE WIRE		--	53952	BRKT,AIR CLEANER ORIENTATION**	
11	121428	NUT,FLG,M8-1.25		--	62420	FILTER,AIR***	
12	101644	FUEL LIFT PUMP/FILTER ASSY.....	1	42	56912	SPRING CLIP,1/4-20,.025-.15X.5.....	7
13	41468	TEE,BRASS STREET,12 NPT.....	1	43	6090	SCREW,HHC,1/4-20 X .75.....	1
14	38922	ELBOW,90DEG.1/8MPT-5/16 BARB.....	2	44	70367	BOTTLE,COOLANT RECOVERY,3.7***.....	1
15	21465	CLAMP,HOSE,SIZE .25 TO .63.....	8	--	115431	CAP ASSY,COOLANT BOTTLE***	
16	27089-14100	HOSE,5/16 FUEL,SAE30R7.....	1	45	34164	ELBOW,90 DEGR,RUBBER,2.5" I.D.*.....	1
17	27089-5300	HOSE,5/16 FUEL,SAE30R7.....	1	46	30971	CLAMP,HOSE,3.00".....	4
18	101614	ELEMENT,FUEL/WATER SEPARATOR.....	1				
19	101628	ADAPTER,1/4 FNPT X 1/2-20 UNF.....	2				
20	42941-10300	HOSE,3/8",FUEL,30R7.....	1				
21	31817	ELBOW,90DEG.1/4MPT-3/8 BARB.....	1				
22	27089-6300	HOSE,5/16 FUEL,SAE30R7.....	1				
23	54205	HOSE END,BARB,1/4 MNPTX5/16,90.....	1				
24	13003	SCREW,HHC,5/8-11 X 3.5 GRD.8...4					
25	33418	WASHER,FLAT,.625 X 2.25 X.15					
26	102045	ISOLATOR,ENGINE VIBRATION....4					
27	18596	WASHER,FLAT,1.56 X 2.5 X .061					
28	6035	WASHER,FLAT,USS,5/8",Y					
29	6024	NUT,NYLOCK,5/8-11					

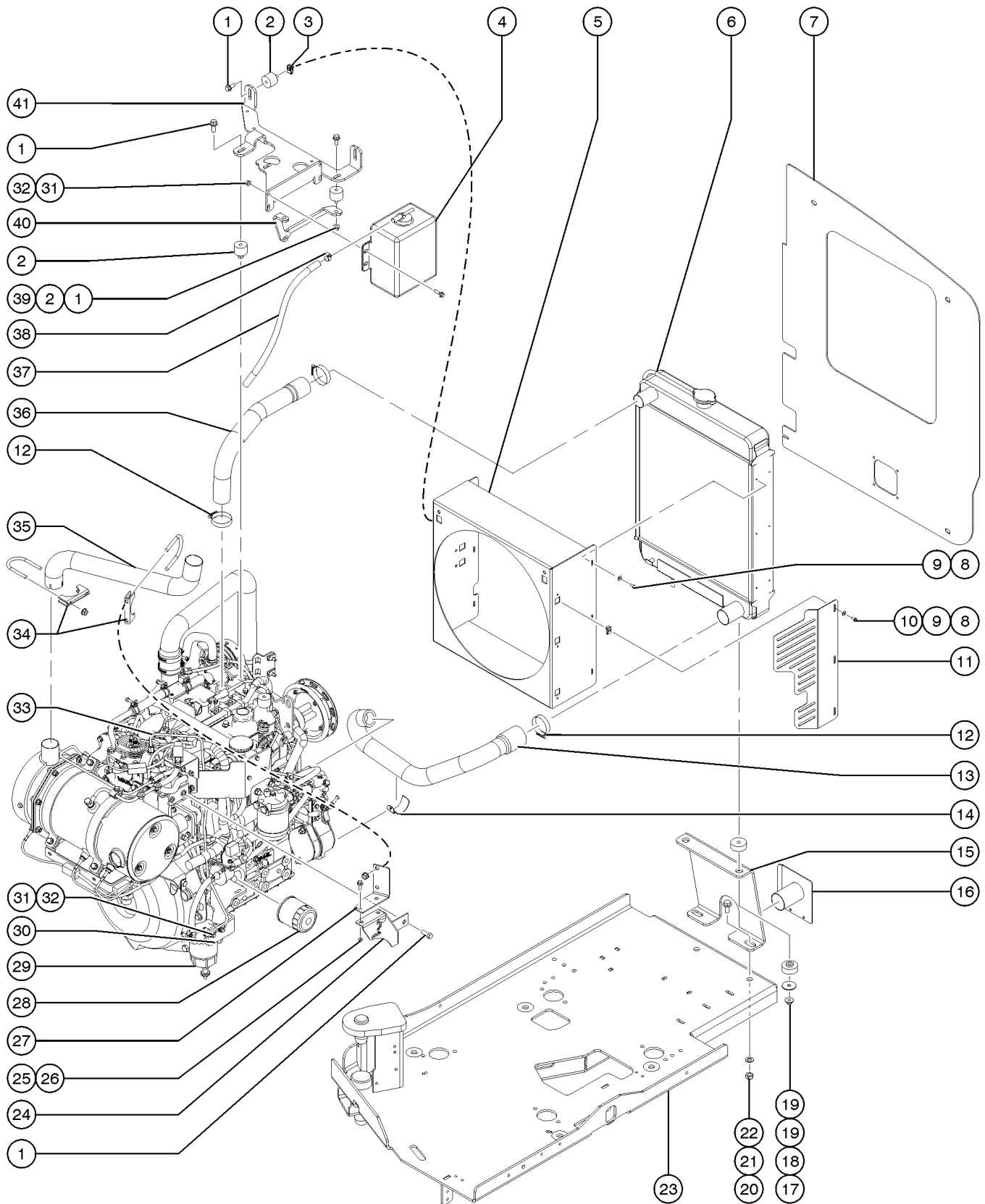
403.1 Perkins 804D-33 Engine - View 3



403.1 Perkins 804D-33 Engine - View 3

Item	Part No.	Description	Qty.
1	123167	FLGHCS,1/2-13X1.50,GR8,BLK PH	
2	REF.	DRIVE AND STEER PUMP ASSY (Refer to 708.1)	
3	61781	CASTING,SAE 4 PUMP MOUNT,MACHI.....	1
4	62476	SCREW,SHC,M10X1.5X20MM (75090)	
5	121420	SCREW,HHF,1/4-20 X 1.000	
6	56912	SPRING CLIP,1/4-20,.025-.15X.5.....	7
7	102972	BELT GUARD W/DECAL PERKINS.....	1
--	101624P	FORMING,BELT GUARD PAINTED	
8	101607P	ENGINE MOUNT,RF PAINTED.....	1
9	121432	SCREW,HHF,M12X35 GR12.9	
10	101615P	BRACKET,FUEL PUMP PAINTED.....	1
11	122209	SCREW,HHF,3/8-16 X1.50	
12	121422	NUT,HEX,FLG,3/8-16	
13	107546	STARTER MOTOR,PERKINS(804C-33).....	1
14	101609	ENGINE MOUNT,RR.....	1
15	121210	WELDMENT, MUFFLER MOUNT....	1
16	70483	FORMING,8.5' MUFFLER MOUNT.....	2
17	128004	COUPLER,15 TOOTH,FBA,SAE8***.....	1
18	75052	SCREW,SER/FLNG 10M-1.5X20MM BK	

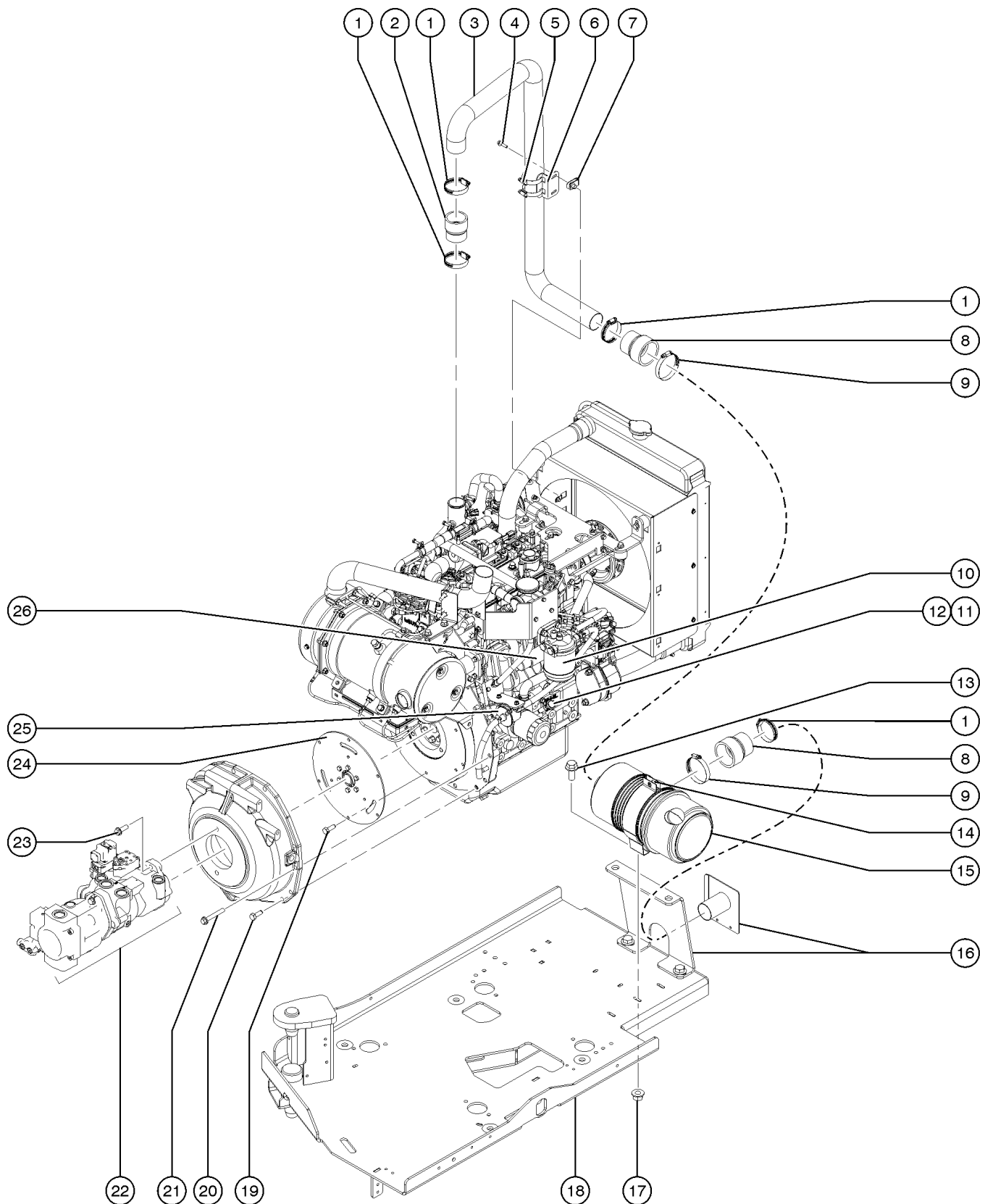
404.1 Perkins 404F-22T Engine - View 1



404.1 Perkins 404F-22T Engine - View 1

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--		For internal engine parts, contact engine dealer		--	62433	FILTER,ELEMENT,30 MIC,75020	
1	824132	SCREW,HHF,M8-1.25X20,DIN6921,1		30	128588	FORMING,SOLENOID MOUNT.....1	
2	60585	ISOLATOR,VIBRATION,M8 MALE/FEM.....6		31	824079	SCREW,HHF,1/4-20X1,8,ZAG	
3	230820	SPRING CLIP, M8-1.25, 0.8-4.0		32	824027	NUT,TL FLG,1/4-20,G,ZAG	
4	70367	BOTTLE,COOLANT RECOVERY,3.7***.....1		33	826765	TUBE, STEEL, FUEL RETURN, 404F.....1	
5	1253192	FAN SHROUD,PERKINS 404F-22T.....1		34	70385	CLAMP,EXHAUST,2.00 PLATED.....2	
6	110304	RADIATOR,FORD/PERKINS***.....1		35	1253435	TAILPIPE, S80 404F-22	
7	1253030	PLATE,BULKHEAD,ENGINE SIDE,PE.....1		36	1252979	HOSE,UPPER RADIATOR,PERK....1	
8	824220	SCREW,PHPM SEMS ET,10-24X.5,ZA		37	106226	TUBING,VINYL,1/2" CLEAR	
9	1253185	WASHER,FLAT,#10,USS,ZAG		38	21465	CLAMP,HOSE,SIZE .25 TO .63	
10	73575	SPRING CLIP,10-24,ZINC		39	237832	NUT,TL,FLG,M8-1.25,DIN6927,10,	
11	1254471	GUARD,FAN,PERKINS 404F-22T....1		40	1253194	BRACE,UPPER RADIATOR SUPPORT,.....1	
12	22672	CLAMP,HOSE,1.75.....4		41	1253191	BRACKET,UPPER RADIATOR.....1	
13	1252473	HOSE,LOWER RADIATOR,PERK...1					
14	1254676	BRACKET,RAD HOSE HANGER,PERKIN.....1					
15	1253193	BRACKET,LOWER RADIATOR.....1					
16	1253431	WELDMENT,INTAKE,PERKINS 404F-.....1					
17	824029	NUT,TL FLG,3/8-16,G,ZAG					
18	824120	WASHER,FLAT,.375X1.50X.125,ZAG					
19	24038	SHOCK MOUNT,SMALL.....4					
20	6024	NUT,NYLOCK,5/8-11					
21	13064	WASHER,FLAT,.625 HARDENED					
22	128912	BOLT,FLANGE,5/8-11X1.5"GR8 PLT					
23	REF.	FORMING,ENGINE TRAY, 2.9L DEUTZ (Refer to 416.1)					
24	825907	WELDMENT, EXHAUST SUPPORT.....1					
25	824029	NUT,TL FLG,3/8-16,G,ZAG					
26	824090	SCREW,HHF,3/8-16X1,8,ZAG					
27	1253448	BRACKET,TAILPIPE BRACE,PERKINS.....1					
28	94762	OIL FILTER - PERKINS.....1					
29	75020	SEPRTR/FLTR,FUEL DSL,15GPH,.30.....1					

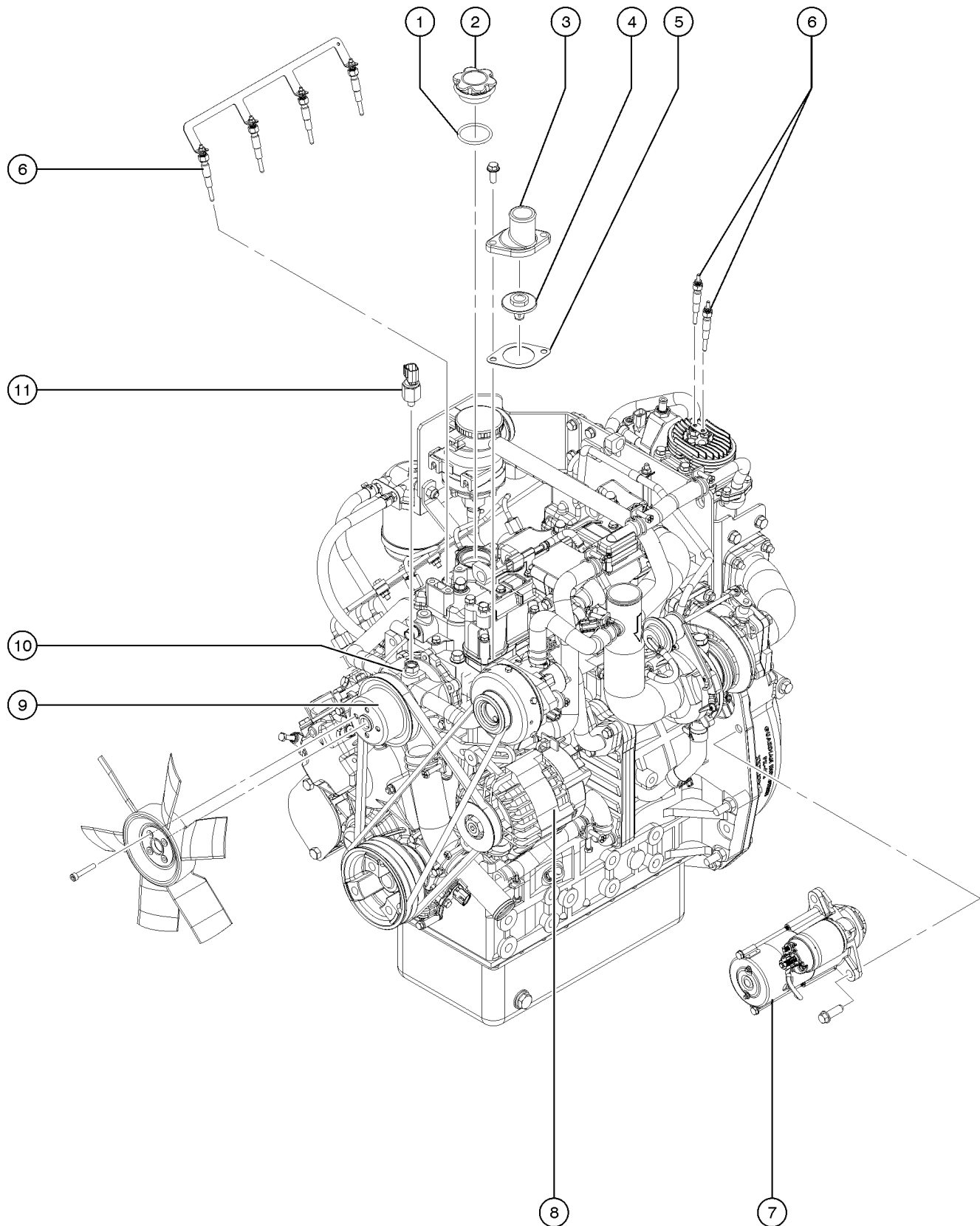
405.1 Perkins 404F-22T Engine - View 2



405.1 Perkins 404F-22T Engine - View 2

Item	Part No.	Description	Qty.
--		For internal engine parts, contact engine dealer	
1	45435	CLAMP,HOSE,2.50"***.....	3
2	1253487	ADAPTER, 2" TO 1.8", PERK 404F.....	1
3	1254161	TUBE,INTAKE,PERKINS 404F-22T.....	1
4	824079	SCREW,HHF,1/4-20X1,8,ZAG	
5	22672	CLAMP,HOSE,1.75.....	2
6	823751	BRACKET,INTAKE PIPE,MOUNT,DEUT.....	1
7	56912	SPRING CLIP,1/4-20,.025-.15X.5	
8	216150	ADAPTER, AIR HOSE, PERK 404F.....	2
9	30971	CLAMP,HOSE,3.00".....	2
10	94889	FUEL FILTER ASSEMBLY.....	1
--	62421	FILTER,FUEL,PERKINS	
11	89759	DIPSTICK, OIL (PERKINS 404).....	1
12	97461	DIPSTICK TUBE,PERKINS(403C-11).....	1
13	824079	SCREW,HHF,1/4-20X1,8,ZAG	
14	53952	BRKT,AIR CLEANER ORIENTATION**..... <i>Includes mounting fasteners</i>	1
15	63463	AIR CLEANER,NELSON***.....	1
--	62420	FILTER,AIR***	
16	REF.	LOWER RADIATOR MOUNT (Refer to 404.1)	
17	824027	NUT,TL FLG,1/4-20,G,ZAG	
18	REF.	FORMING,ENGINE TRAY, 2.9L DEUTZ (Refer to 416.1)	
19	128024	SCREW, HHC, M8 X 1.25 X 12	
20	75052	SCREW,SER/FLNG 10M-1.5X20MM BK	
21	27034	SCREW,HHC,M10 X 25MM,GR 8.8	
22	REF.	DRIVE PUMP AND FUNCTION PUMP (Refer to 708.1)	
23	123167	FLGHCS,1/2-13X1.50,GR8,BLK PH	
24	128003	COUPLER,15 TOOTH,FBA,PERKINS**.....	1
25	1252944	PUMP,FUEL LIFT,PERKINS 404F....	1
26	106663	SOLENOID,SHUT DOWN PERKIN40422.....	1

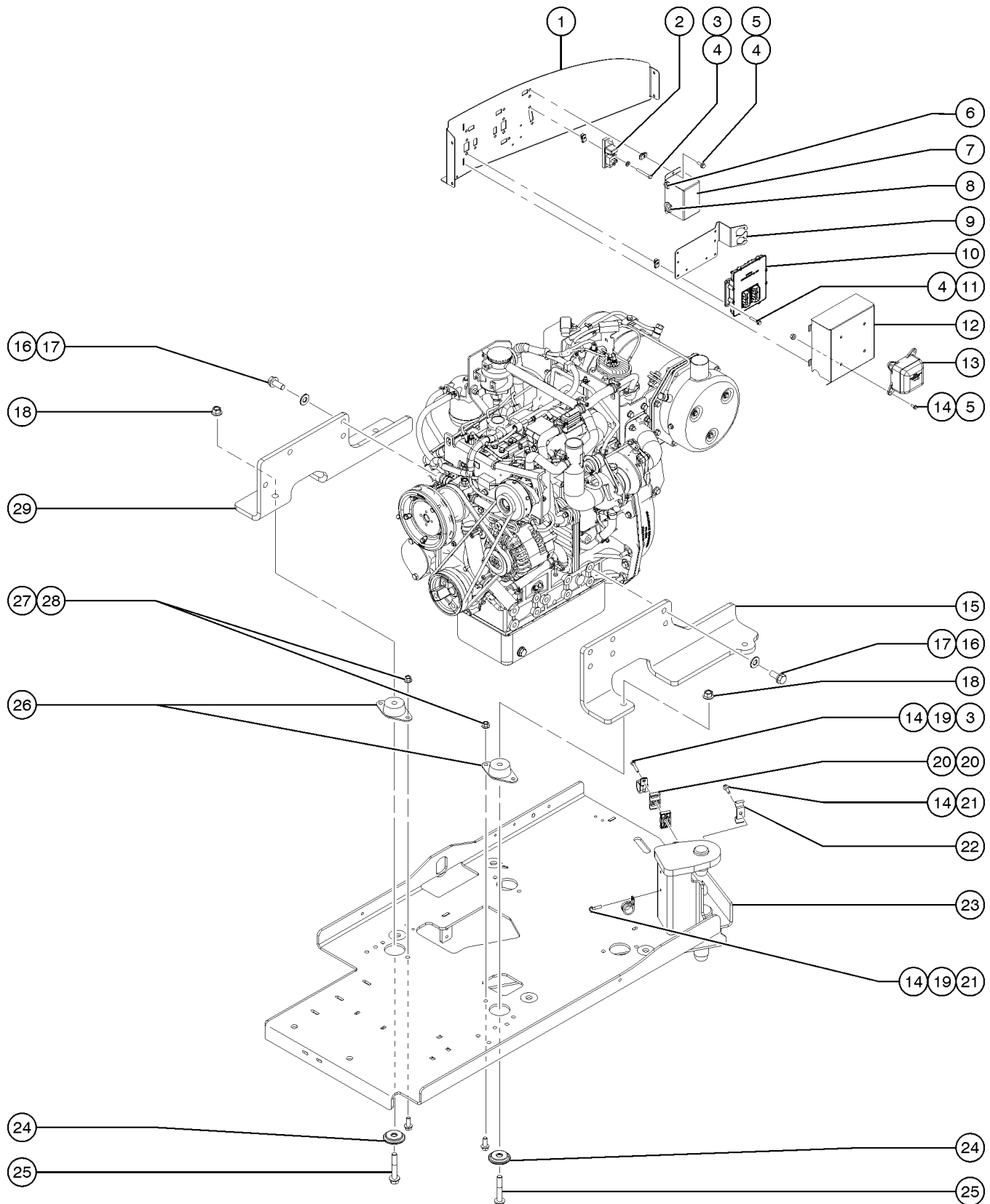
406.1 Perkins 404F-22T Engine - View 3



406.1 Perkins 404F-22T Engine - View 3

Item	Part No.	Description	Qty.
--		For internal engine parts, contact engine dealer	
--	1251819	GASKET,EXHAUST MANIFOLD,PERK	
--	97473	SENSOR,WATER TEMPERATURE	
1	65638	SEAL, OIL FILLER CAP.....1	
2	65636	CAP, OIL FILLER.....1	
3	128986	WATER OUTLET, VERTICAL.....1	
4	128991	THERMOSTAT.....1	
5	77477	GASKET, THERMOSTAT HOUSING.....1	
6	77736	GLOW PLUG (PERKINS 404-22).....6	
7	161827	STARTER MOTOR AND SOLENOID.....1	
8	1251814	ALTERNATOR - 85 AMP, INT REGU.....1	
9	77483	FAN, ENGINE (104-22)(404-22)*.....1	
10	128987	WATER PUMP.....1	
11	101321	SWITCH,OIL PRESSURE.....1	

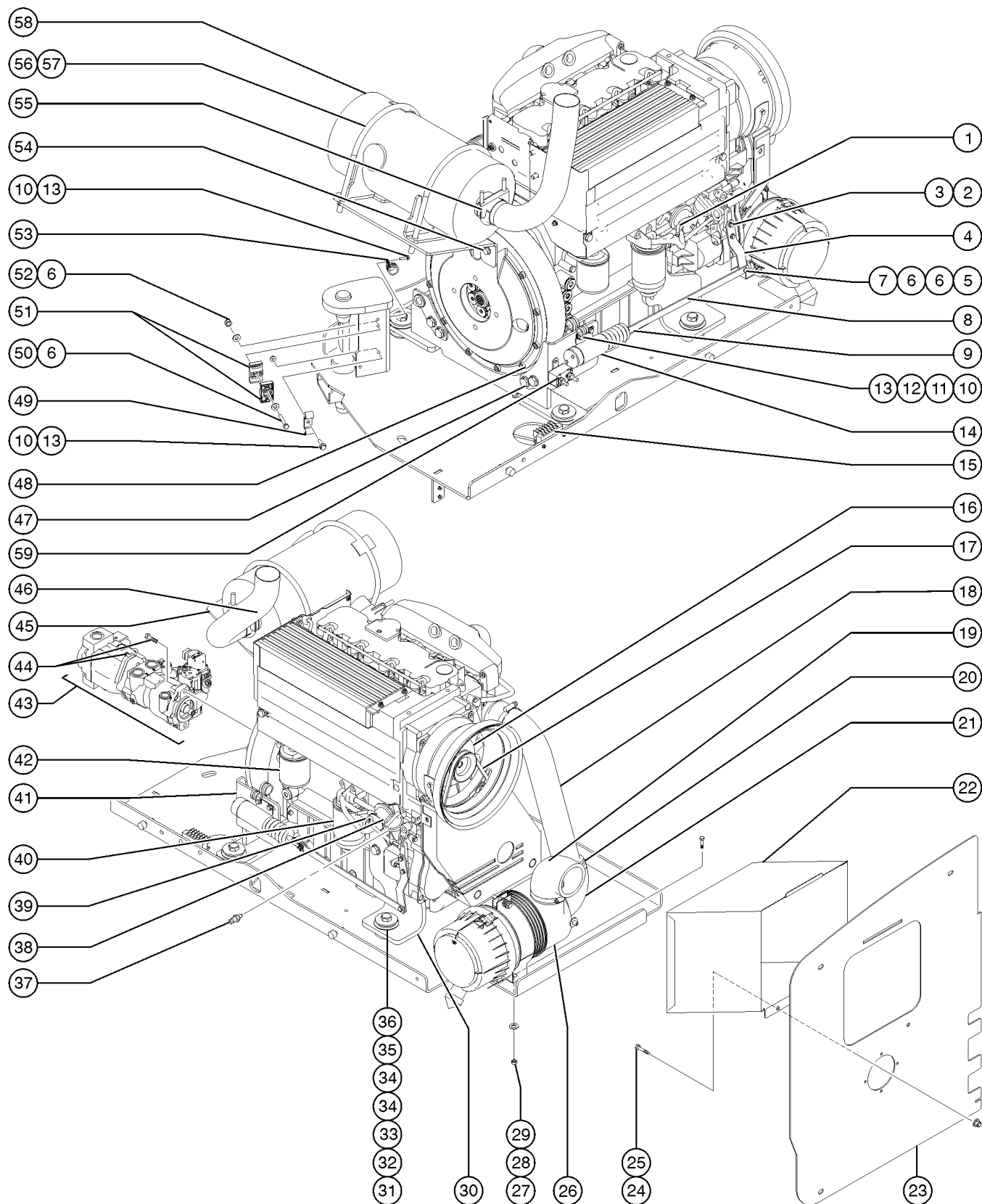
407.1 Perkins 404F-22T Engine - View 4



407.1 Perkins 404F-22T Engine - View 4

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--		For internal engine parts, contact engine dealer		28	824090	SCREW,HHF,3/8-16X1,8,ZAG.....	8
1	REF.	FORMING, BULKHEAD, LEFT REAR (Refer to 305.1)		29	1253573	FORMING, ENGINE MOUNT, RH....	1
2	824023	RELAY, POWER & FUSE MODULE.....	1				
3	1253485	SCREW,HHF,1/4-20X2,8,ZAG					
4	56912	SPRING CLIP,1/4-20,.025-.15X.5					
5	824078	SCREW,HHF,1/4-20X.75,8,ZAG					
6	824422	GROMMET,RUBBER,.5 X .063 X .75.....	2				
7	824397	COVER,POWER RELAY MODULE,DEUTZ.....	1				
8	826860	RUBBER GROMMET 1.00 X 1.563 X.....	2				
9	825628	BRACKET,DATA PORT,DEUTZ/PERKIN.....	1				
10	REF.	ECU..... <i>Models with Perkins 404F-22T engines (This part is serialized, contact Genie Parts Sales with full model and SN of both the unit and engine)</i>	1				
11	824081	SCREW,HHF,1/4-20X1.5,8,ZAG					
12	826833	COVER BRACKET, ECU TIER IV.....	1				
13	822793	MODULE,FUSE&RELAY,PERKINS 404F.....	1				
14	824027	NUT,TL FLG,1/4-20,G,ZAG					
15	1253574	FORMING, ENGINE MOUNT, LH....	1				
16	1257705	SCREW,HHC,M14-1.5X35,DIN961,10					
17	1257810	WASHER,FLAT,M14,DIN6916,HRD,ZA					
18	1251997	NUT,TL FLG,1/2-13,G,ZAG					
19	18666	CLAMP,1.00,#16 X 1/4,RUB CUSH					
20	78736	CLAMP,2 HOSE,PLASTIC,5/8					
21	824079	SCREW,HHF,1/4-20X1,8,ZAG					
22	75289	CLAMP,HOSE,1/2" DOUBLE					
23	REF.	FORMING,ENGINE TRAY, 2.9L DEUTZ..... <i>(Refer to 416.1)</i>	1				
24	102066	CASTING,WASHER,REBOUND.....	4				
25	1251994	SCREW,HHF,1/2-13X3,8,ZAG.....	4				
26	70452	ISOLATOR,ENGINE VIBRATION***.....	4				
27	824029	NUT,TL FLG,3/8-16,G,ZAG.....	8				

408.1 Deutz TD2011L04i Engine - View 1



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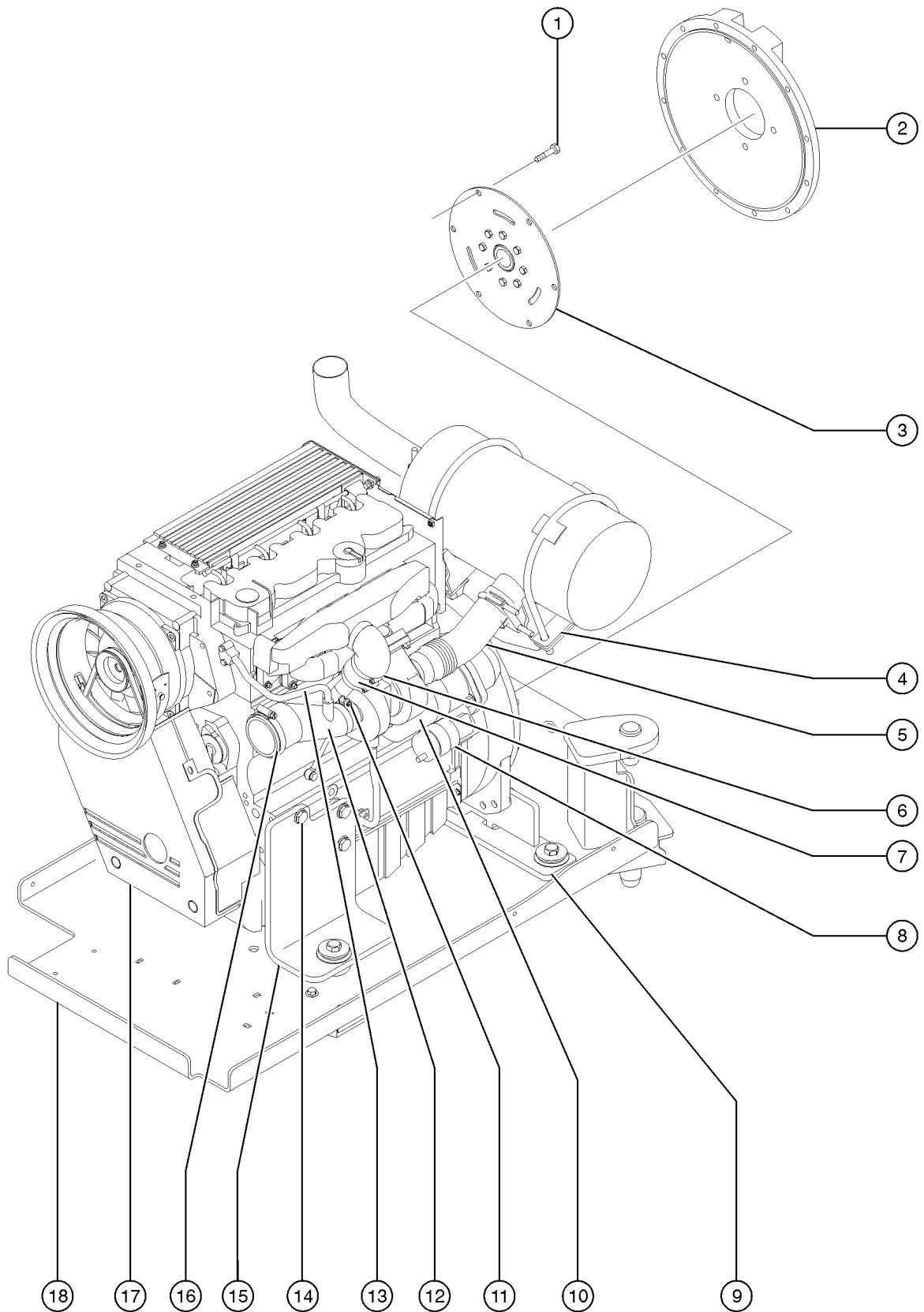
Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	121340	ENGINE KIT, DEUTZ TD2011L04i		20	30489	CLAMP,HOSE,3.50.....	3
--	121471	HARNESS,DEUTZ 2008 S80/85		21	139455	ELBOW,AIR INTAKE,RUBBER.....	1
--	139612	KIT CB 15A T2 RPM SOLENOID 3W <i>Includes item 128829; to SN 8143</i>		22	122388	DEUTZ AIRBOX WITH WORD DECAL.....	1
--	102406	MODULE,TIME DELAY ON BRK 30S		--	121410	WELDMENT,COOLING AIRBOX.....	1
--	139983	EXHAUST PIPE GASKET		23	121384	DEUTZ ENGINE SIDE BULKHEAD.....	1
--	101638	OPTION, SPARK ARREST		24	75051	SCREW,SER FLNG3/8UNCX3/4ZNYEL	
--	T114678	SHUTDOWN SOLENOID,12V, DEUTZ.....	1	25	121422	NUT,HEX,FLG,3/8-16	
		<i>(Replaced 32752). Must order cable assembly, 58256, if replacing 32752) (Does not include o-ring)</i>		26	81467	AIR CLEANER,NELSON.....	1
--	58256	SOLENOID CABLE ASSY***		--	62425	FILTER,AIR CLEANER, SUPERBOOM	
--	72255	CONNECTOR, DEUTZ FUEL SHUTOFF* <i>(Does not include diode, 45782)</i>		--	81468	MOUNTING BAND,AIR CLEANER	
--	45782	DIODE,6 AMP,200 PIV,BULK		27	13002	SCREW,HHC,5/16-18 X 1 GR5	
1	111668	PUMP,FUEL 2011 DEUTZ ***	1	28	5397	WASHER,FLAT,USS,5/16",Y	
--	111402	O-RING, FUEL LIFT PUMP		29	6782	NUT,NYLOCK,5/16-18	
2	22578	SCREW,HHC,M6 X 20MM,GR8.8		30	70455	FORMING,ENGINE MOUNT.....	1
3	49407	WASHER,LOCK,M6		31	13003	SCREW,HHC,5/8-11 X 3.5 GRD.8	
4	50787P	LEVER,GOVERNOR ACTUATOR,PTD***	1	32	33418	WASHER,FLAT,.625 X 2.25 X.15	
5	6584	SCREW,SHS,10-24 X .625		33	102045	ISOLATOR,ENGINE VIBRATION.....	4
6	6638	WASHER,FLAT,USS,1/4"Y		34	18596	WASHER,FLAT,1.56 X 2.5 X .061	
7	5365	NUT,NYLOCK,10-24		35	13064	WASHER,FLAT,.625 HARDENED	
8	139322	THROTTLE LINKAGE, DSL.....	1	36	6024	NUT,NYLOCK,5/8-11	
9	21130	CLEVIS YOKE-1/4-28,PLTD W/PIN		37	139624	SWITCH, OIL PRESSURE 1.5 BAR	
10	121420	SCREW,HHF,1/4-20 X 1.000		--	139666	KIT,OP SWITCH,DEUTZ <i>Oil pressure kit for models with ALC-500 control system. Replaces part 65765 (Includes item 139624 and instructions)</i>	
11	45454	CLAMP,RUB CUSH,0.75,#12 X 3/8*.....	2	38	58299	SENDING UNIT,OIL PRESS.,DEUTZ*	1
12	18666	CLAMP,1.00,#16 X 1/4,RUB CUSH.....	1	39	52352	DIPSTICK-F3L1011F (DEUTZ).....	1
13	121421	NUT,FLG,1/4-20		40	29560	FILTER,FUEL/WTR SEP, DTZ 1008.....	1
14	121615	THROTTLE SOLENOID ASSY, TROMB.....	1			<i>Genie Genuine Part. See PN 1254826 for compatible aftermarket replacement.</i>	
--	89998	KIT,SERVICE,SOLENOID MODULE		--	1254826	FUEL FILTER W/SEP,DEUTZ,1008.....	1
15	89997	RELAY MODULE(89996,89998)				<i>Genie Aftermarket Part. Filter for Deutz F3L 1011F Engine.</i>	
16	58249	ALTERNATOR, DEUTZ,BF4L2011***	1	41	139321	FORMING, SOLENOID MOUNT***	1
17	58630	V-BELT, DEUTZ TD2011LOAI.....	1				
18	121563	TUBE,AIR INTAKE,DEUTZ.....	1				
19	60561	ELBOW,INLET,CUMMINS.....	1				

408.1 Deutz TD2011L04i Engine - View 1 (continued)

Item	Part No.	Description	Qty.
42	49924	FILTER,OIL,DEUTZ F4L1011F.....1 <i>Genie Genuine Part. See PN 1255653 for compatible aftermarket replacement.</i>	
--	1255653	FILTER,OIL,DEUTZ,REPLACEMENT.1 <i>Genie Aftermarket Part. Compatible with Genie Genuine Part 49924.</i>	
43	REF.	DRIVE PUMP AND FUNCTION PUMP <i>(Refer to 708.1)</i>	
44	123167	FLGHCS,1/2-13X1.50,GR8,BLK PH	
45	70448	FORMING,MUFFLER MOUNT.....1	
46	70465	TAILPIPE,DEUTZ BF4L2011.....1	
47	121688	SCREW,HHC,FLG,M14 X 35	
48	61110	SCREW,SHC,M10X1.5X30 GR 12.9	
49	75289	CLAMP,HOSE,1/2" DOUBLE.....1	
50	6637	SCREW, HHC, 1/4-20 X 1.75 <i>from SN 9736</i>	
51	78736	CLAMP,2 HOSE,PLASTIC,5/8.....2 <i>from SN 9736</i>	
52	6091	NUT, NYLOCK, 1/4-20 <i>from SN 9736</i>	
53	18666	CLAMP,1.00,#16 X 1/4,RUB CUSH.....1	
54	121430	SCREW,FLG HD,M10 X 70 GR12.9	
55	71911	CLAMP,MUFFLER, 2.50 INCH.....1	
56	70449	U-BOLT,1/2-13 X 8.5.....2	
57	121423	NUT,FLG,1/2-13	
58	70444	MUFFLER,2.5"INLET/OUTLET	
--	101633	MUFFLER,SPARK ARREST,2.5 I/O	
--	101634	MUFFLER,CATALYTIC,2.5 I/O	
59	128829	CIRCUIT BRKR 15A TYPE 2 METAL <i>from SN 8144</i>	

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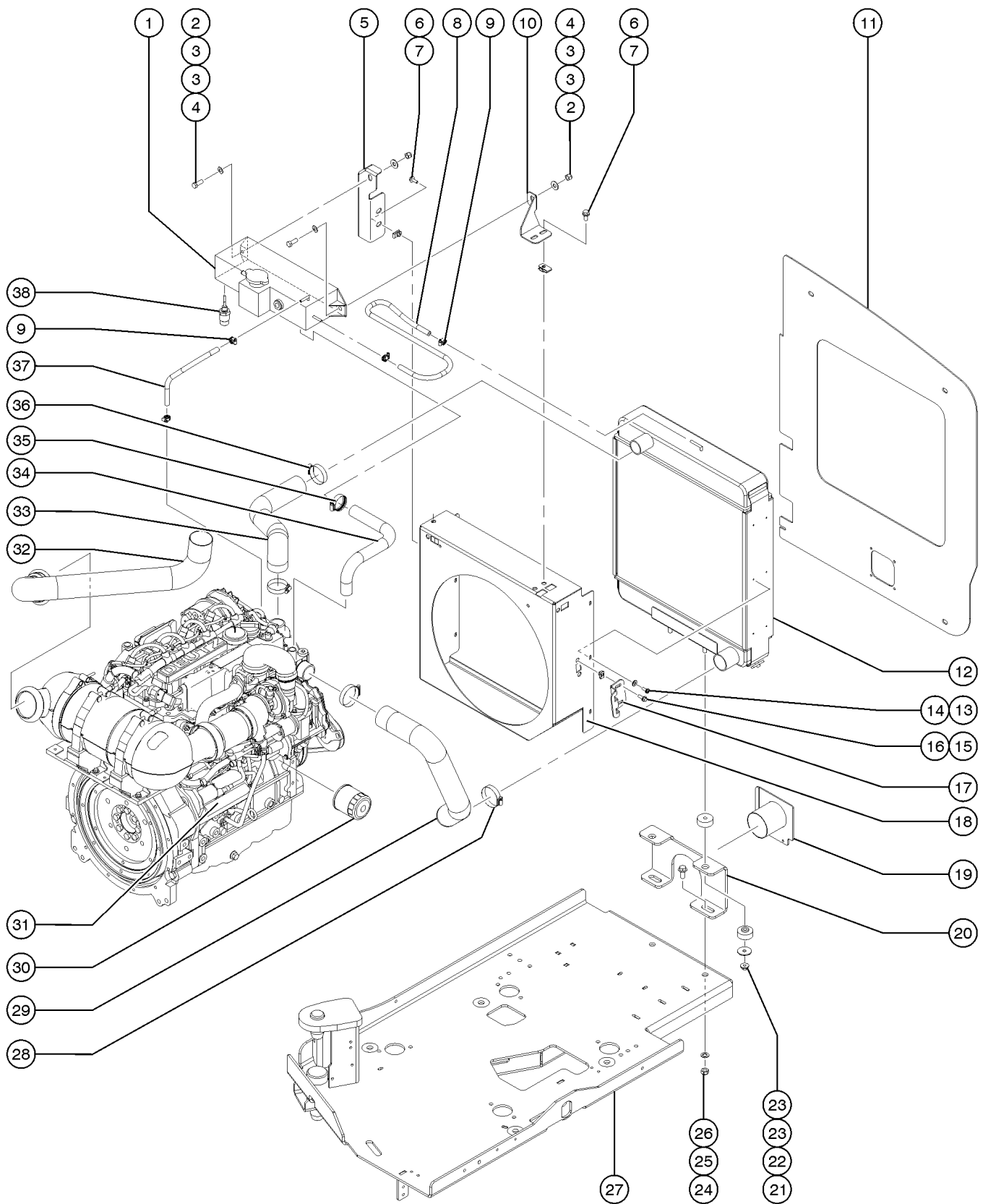
409.1 Deutz TD2011L04i Engine - View 2



409.1 Deutz TD2011L04i Engine - View 2

Item	Part No.	Description	Qty.
--	102581	PUMP,FUEL INJ,DEUTZ BF4L20 <i>Class A injection pump; provide SN of engine to service to get correct injection pump (A, B, C, D)</i>	
--	T108732	PUMP,FUEL INJ, DEUTZ BF4L20 <i>Class B injection pump; provide SN of engine to service to get correct injection pump (A, B, C, D)</i>	
--	T108733	PUMP,FUEL INJ, DEUTZ BF4L20 <i>Class C injection pump; provide SN of engine to service to get correct injection pump (A, B, C, D)</i>	
--	T108734	PUMP,FUEL INJ, DEUTZ BF4L20 <i>Class D injection pump; provide SN of engine to service to get correct injection pump (A, B, C, D)</i>	
1	62476	SCREW,SHC,M10X1.5X20MM (75090)	
2	70381	COVER,FLYWHEEL CASTING.....1	
3	128004	COUPLER,15 TOOTH,FBA,SAE8***.....1	
4	70483	FORMING,8.5' MUFFLER MOUNT.....2	
5	70445	FLEX PIPE,EXHAUST,2.5" DIA.....1	
6	102593	CLAMP, 3 INCH	
7	226106	RUBBER SLEEVES, TD 2011L04I	
8	49915	SOLENOID-STARTR DEUTZF4L1011F*.....1	
9	70456	WELDMENT,REAR ENGINE MOUNT.....1	
10	139709	STARTER, 12V.....1	
--	139621	KIT, HEAT GUARD, DEUTZ STARTER	
11	30971	CLAMP,HOSE,3.00"	
12	226103	INLET REDUCER, TD 2011L04I.....1	
13	226104	BREATHER PIPE, TD 2011L04I.....1	
--	226105	GASKET, BREATHER PIPE (226104)	
14	121688	SCREW,HHC,FLG,M14 X 35	
15	121694	FORMING,ENGINE MOUNT,LEFT FRT.....1	
16	30489	CLAMP,HOSE,3.50.....1	
17	146061	V-BELT GUARD, DEUTZ 2011.....1	
18	REF.	Engine Pivot Tray Assembly (Refer to 416.1)	

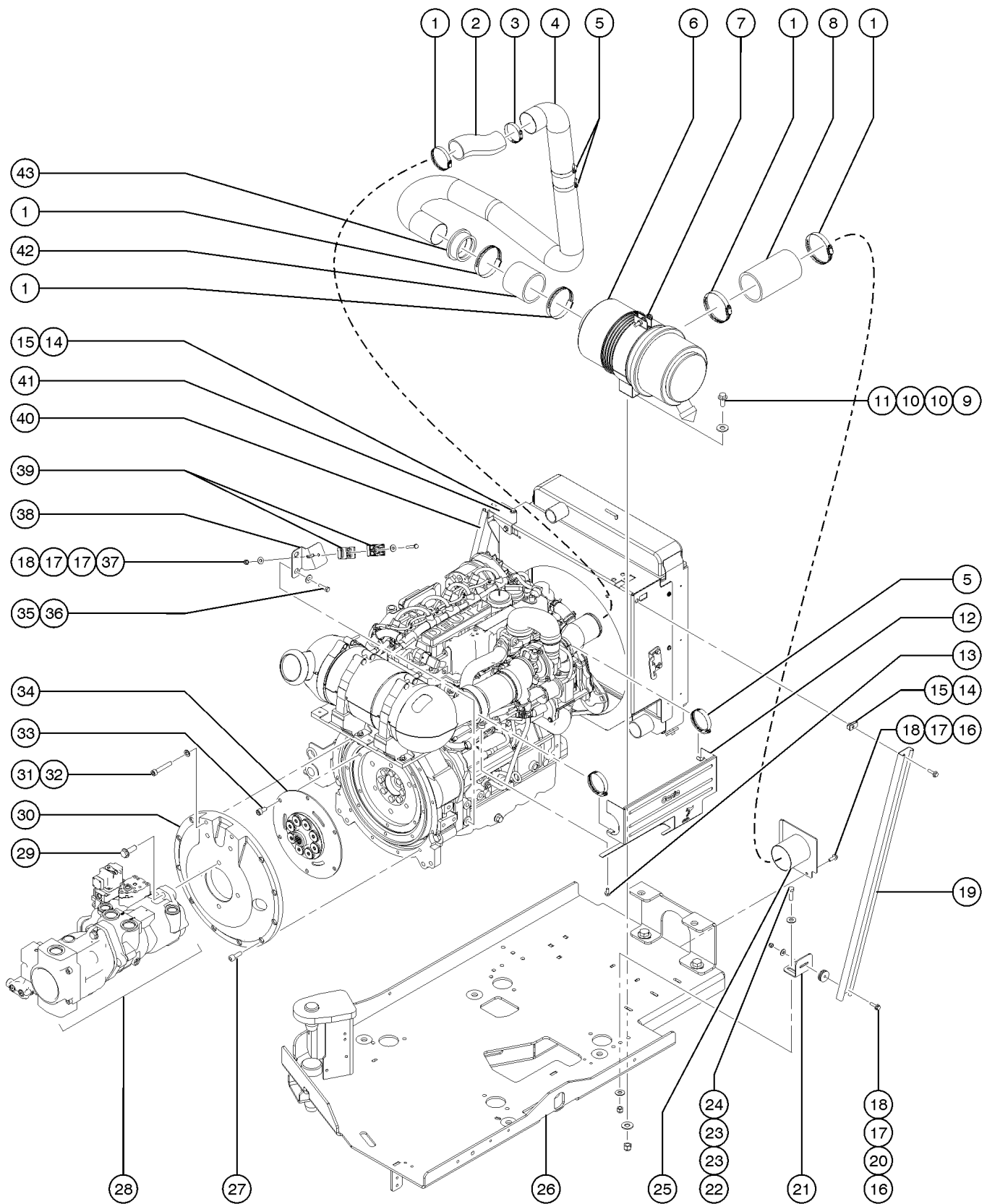
410.1 Deutz TD 2.9L4 Engine - View 1



410.1 Deutz TD 2.9L4 Engine - View 1

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--		For internal engine parts, contact engine dealer		30	49924	FILTER,OIL,DEUTZ F4L1011F.....1 <i>Genie Genuine Part. See PN 1255653 for compatible aftermarket replacement.</i>	
1	161938	EXPANSION TANK,METAL,D2.9.....1		--	1255653	FILTER,OIL,DEUTZ,REPLACEMENT <i>Genie Aftermarket Part. Compatible with Genie Genuine Part 49924.</i>	
2	6175	SCREW,HHC,3/8-16 X 1		31	1259052	STARTER, DEUTZ 2.9 L4.....1	
3	6097	WASHER,FLAT,USS,3/8",Y		32	162276	EXHAUST PIPE, 2.9L DEUTZ.....1	
4	4828	NUT,NYLOCK,3/8-16		33	162283	HOSE, UPPER RADIATOR, DEUTZ D.....1	
5	826825	BRACKET,EXPANSION TANK, LEFT M.....1		34	823229	HOSE,EXPANSION TANK,COMPENSATI.....1	
6	75051	SCREW,SER FLNG3/8UNCX3/4ZNYEL		35	36208	CLAMP,HOSE,1.25***2	
7	29868	SPRING CLIP,3/8-16,.05-.20X.73		36	22672	CLAMP,HOSE,1.75.....2	
8	824600	HOSE,HEATER,1/4".....28-inches		37	824600	HOSE,HEATER,1/4".....24-inches	
9	21465	CLAMP,HOSE,SIZE .25 TO .63.....4		38	218715	SENSOR,COOLANT LEVEL,DEUTZ.....1	
10	825218	BRACKET,EXPANSION TANK,DEUTZ 2.....1					
11	826832	BULKHEAD PLATE,6-CORE RADIATOR.....1					
12	826795	RADIATOR,6-CORE,19.375W X 18.1.....1					
13	21019	SCREW,PHIL,PHM,10-24 X.5,SEMS					
14	6146	WASHER,FLAT,MS,#10,Y					
15	121419	SCREW,HHF,1/4-20 X .75					
16	56912	SPRING CLIP,1/4-20,.025-.15X.5					
17	823751	BRACKET,INTAKE PIPE,MOUNT,DEUT.....1					
18	826859	SHROUD,17" FAN,6-CORE RADIATOR.....1					
19	REF.	WLDT, INTAKE, T4 DEUTZ, Z80/S80 (Refer to 407.1)					
20	826835	FORMING,6-CORE RADIATOR MOUNT,.....1					
21	48425	NUT,LOCKING-LRG.FLANGE,3/8-16					
22	15086	WASHER,FLAT,.375 X 1.5 X .125					
23	24038	SHOCK MOUNT,SMALL.....4					
24	6024	NUT,NYLOCK,5/8-11					
25	13064	WASHER,FLAT,.625 HARDENED					
26	128912	BOLT,FLANGE,5/8-11X1.5"GR8 PLT					
27	REF.	FORMING,ENGINE TRAY, 2.9L DEUTZ (Refer to 416.1)					
28	35434	CLAMP,HOSE,2.00***2					
29	162284	HOSE,LOWER RADIATOR, 2.9L DEUT					

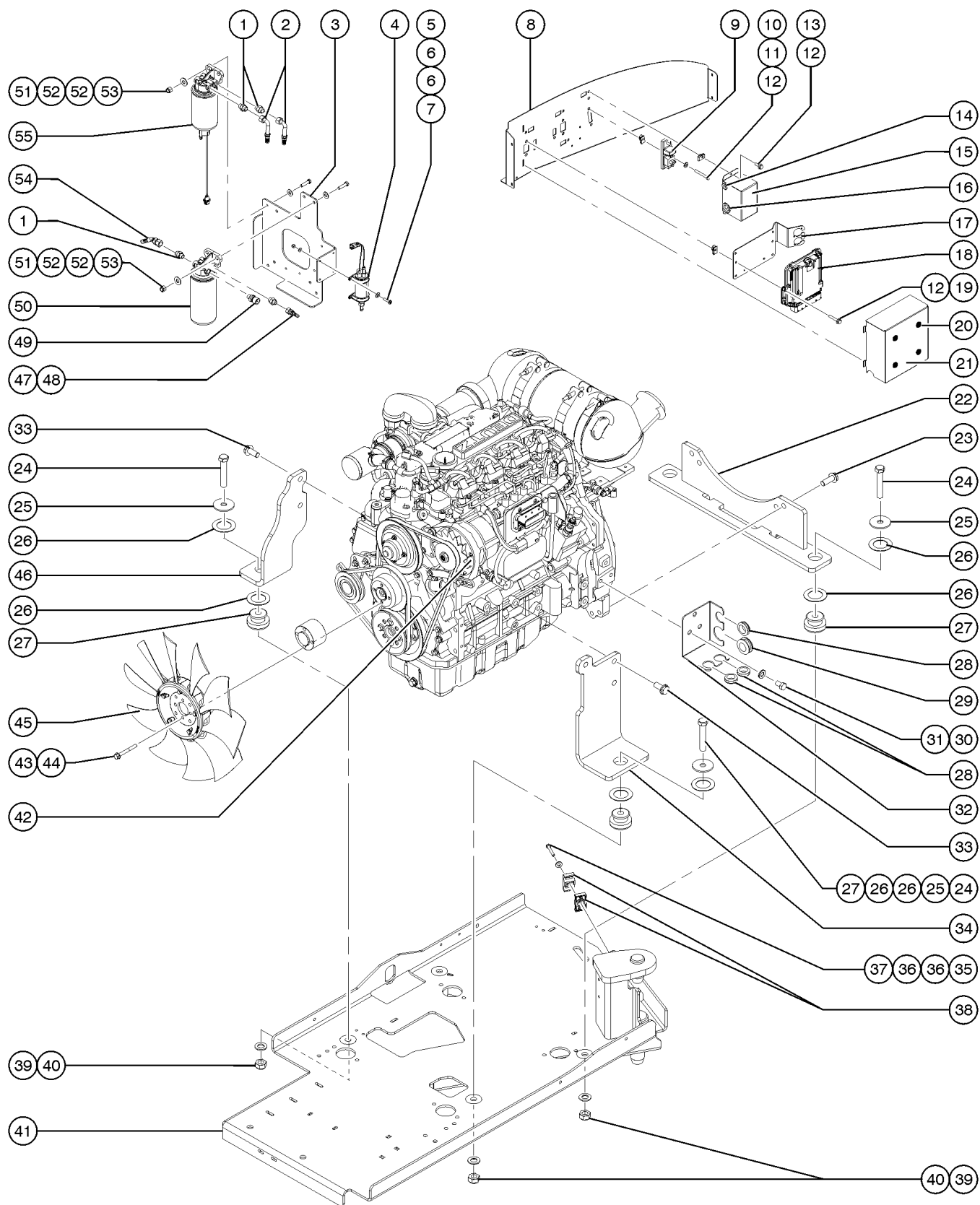
411.1 Deutz TD 2.9L4 Engine - View 2



411.1 Deutz TD 2.9L4 Engine - View 2

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--		For internal engine parts, contact engine dealer		29	123167	FLGHCS,1/2-13X1.50,GR8,BLK PH.....	4
1	30489	CLAMP,HOSE,3.50.....	5	30	70381	COVER,FLYWHEEL CASTING.....	1
2	823703	HOSE,REDUCER,OFFSET,TURBO INLE.....	1	31	111748	SCREW,SHC,M10X1.5 X 60 GR8.8.....	2
3	30971	CLAMP,HOSE,3.00".....	1	32	22699	WASHER,FLAT,M10,ZINC PLTD.	
4	823239	TUBE,INTAKE,DEUTZ 2.9L.....	1	33	62476	SCREW,SHC,M10X1.5X20MM (75090).....	6
5	45435	CLAMP,HOSE,2.50"***.....	2	34	128004	COUPLER,15 TOOTH,FBA,SAE8***.....	1
6	81467	AIR CLEANER,NELSON.....	1	35	27585	SCREW,HHC,M12 X 20MM	
--	62425	FILTER,AIR CLEANER, SUPERBOOM		36	49410	WASHER,FLAT,M12	
7	81468	MOUNTING BAND,AIR CLEANER.....	1	37	6145	SCREW,HHC,1/4-20 X 1.5	
8	106211-600	HOSE,RUBBER 3"ID X .25 BLACK X.....	1	38	825939	FORMING, CLAMP, BATTERY CABLE.....	1
9	13002	SCREW,HHC,5/16-18 X 1 GR5		39	78736	CLAMP,2 HOSE,PLASTIC,5/8.....	2
10	5397	WASHER,FLAT,USS,5/16",Y		40	823143	UNISTRUT,FAN SHROUD BRACE,L,DE.....	1
11	6782	NUT,NYLOCK,5/16-18		41	1252687	BRACKET, STRUT BRACE.....	1
12	1254717	HEAT SHIELD,DEUTZ TD2.9L.....	1	42	106211-300	HOSE,RUBBER 3"ID X .25 BLACK.....	1
13	1251983	SCREW,HHF,M8-1.25X16,DIN6921,1		43	101640	REDUCER,RUBBER 3.0 - 2.5.....	1
14	56912	SPRING CLIP,1/4-20,.025-.15X.5					
15	121419	SCREW,HHF,1/4-20 X .75					
16	121420	SCREW,HHF,1/4-20 X 1.000					
17	6638	WASHER,FLAT,USS,1/4"Y					
18	6091	NUT,NYLOCK,1/4-20					
19	823144	UNISTRUT,FAN SHROUD BRACE,R,DE.....	1				
20	229986	GROMMET RUBBER .375X1.00X.1875					
21	823147	FORMING,FAN SHROUD STRUT MOUNT.....	1				
22	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5					
23	6097	WASHER,FLAT,USS,3/8",Y					
24	4828	NUT,NYLOCK,3/8-16					
25	1251928	WLDT, INTAKE, T4 DEUTZ, Z80/S8.....	1				
26	REF.	FORMING,ENGINE TRAY, 2.9L DEUTZ (Refer to 416.1)					
27	61110	SCREW,SHC,M10X1.5X30 GR 12.9.....	10				
28	REF.	DRIVE PUMP AND FUNCTION PUMP (Refer to 708.1)					

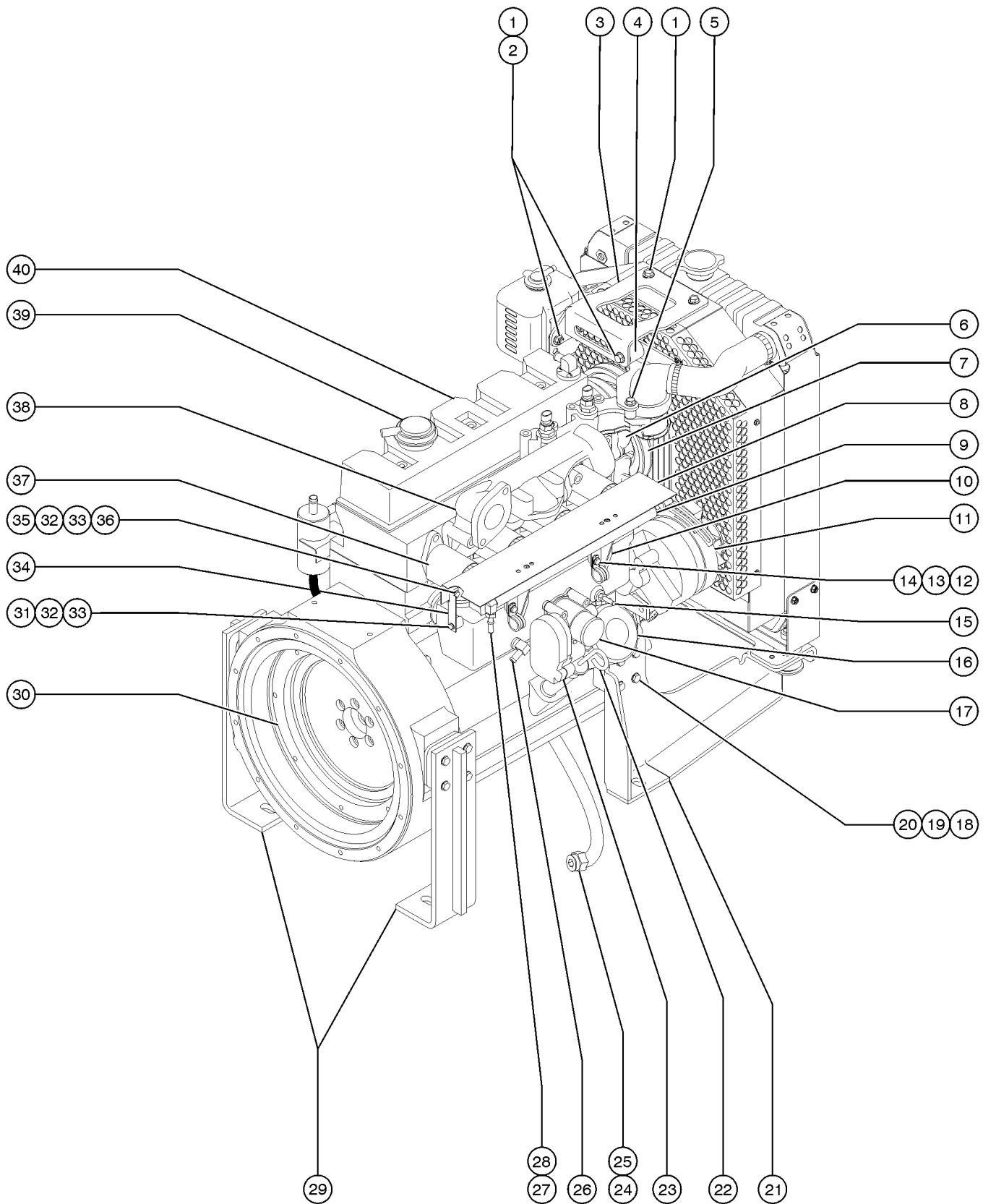
412.1 Deutz TD 2.9L4 Engine - View 3



412.1 Deutz TD 2.9L4 Engine - View 3

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--		For internal engine parts, contact engine dealer		28	124962	GROMMET,RUBBER,1.0 X 1.25X1.5.....	3
1	162209	FITTING,CONN,16MM-8MJ.....	2	29	106923	GROMMET,RUBBER .38X1.38X1.0.....	1
2	162207	FITTING,ELBOW,8GS-8FJX90S.....	2	30	27585	SCREW,HHC,M12 X 20MM	
3	824298	BRACKET,FUEL SYSTEM,DEUTZ 2.9L.....	1	31	49410	WASHER,FLAT,M12	
4	236259	LIFT PUMP,FUEL,DEUTZ TCD3.6..... (replaced 214691)	2	32	826873	FORMING, ENGINE HARNESS SUPPORT.....	1
5	49816	SCREW,PHILLIPS,PHM,10-32 X .75		33	121688	SCREW,HHC,FLG,M14 X 35	
6	6146	WASHER,FLAT,MS,#10,Y		34	823012	MOUNT,ENGINE,LEFT SIDE.....	1
7	6178	NUT,NYLOCK,10-32		35	6637	SCREW,HHC,1/4-20 X 1.75	
8	REF.	FORMING, BULKHEAD, LEFT REAR (Refer to 305.1)		36	6638	WASHER,FLAT,USS,1/4"Y	
9	824023	RELAY, POWER & FUSE MODULE.....	1	37	6091	NUT,NYLOCK,1/4-20	
10	4266	SCREW,HHC,1/4-20 X 2		38	78736	CLAMP,2 HOSE,PLASTIC,5/8.....	2
11	25926	WASHER,FLAT,M6 PLTD.		39	6024	NUT,NYLOCK,5/8-11	
12	56912	SPRING CLIP,1/4-20,.025-.15X.5		40	13064	WASHER,FLAT,.625 HARDENED	
13	121419	SCREW,HHF,1/4-20 X .75		41	REF.	FORMING,ENGINE TRAY, 2.9L DEUTZ..... (Refer to 416.1)	1
14	824422	GROMMET,RUBBER,.5 X .063 X .75.....	2	42	1259051	ALTERNATOR, DEUTZ 2.9 L4	
15	824397	COVER,POWER RELAY MODULE,DEUTZ.....	1	43	230836	SCREW,HHF,M8-1.25X70,DIN6921,1	
16	826860	RUBBER GROMMET 1.00 X 1.563 X.....	2	44	1258641	SPACER, FAN, DEUTZ, 48MM LNG	
17	825628	BRACKET,DATA PORT,DEUTZ/PERKIN.....	1	45	1251496	FAN,10 BLADE,17",DEUTZ 2.9L	
18	REF.	ECU..... <i>Models with Deutz D2.9 engines (This part is serialized, contact Genie Parts Sales with full model and SN of both the unit and engine)</i>	1	46	823013	MOUNT,ENGINE,RIGHT SIDE	
19	121069	SCREW,HHF,1/4-20 X 1.50		47	824351	FITTING,STR,3/8 HS X 9/16-18,J	
20	21858	PLUG,NYLON .38 BLACK DOMED.....	4	48	162208	FITTING,CONN,16MM-6MJ	
21	826833	COVER BRACKET, ECU TIER IV.....	1	49	824673	SENSOR,FUEL PRESSURE,DEUTZ 2.9	
22	823135	WELDMENT, REAR MOUNT,ENGINE.....	1	50	214228	FILTER, DEUTZ 2.9, FUEL	
23	121433	SCREW,HHF, M14 X 40MM		51	4828	NUT,NYLOCK,3/8-16	
24	13003	SCREW,HHC,5/8-11 X 3.5 GRD.8...4		52	6097	WASHER,FLAT,USS,3/8",Y	
25	33418	WASHER,FLAT,.625 X 2.25 X.15....4		53	8516	SCREW,HHC,3/8-16 X 1.50,GR5	
26	18596	WASHER,FLAT,1.56 X 2.5 X .061....8		54	826357	FITTING,45DEG,1/2 HS X 3/4-16,	
27	102045	ISOLATOR,ENGINE VIBRATION....4		55	236260	PRE-FILTER,FUEL,DEUTZ TCD3.6 (replaced 214229 for service parts)	

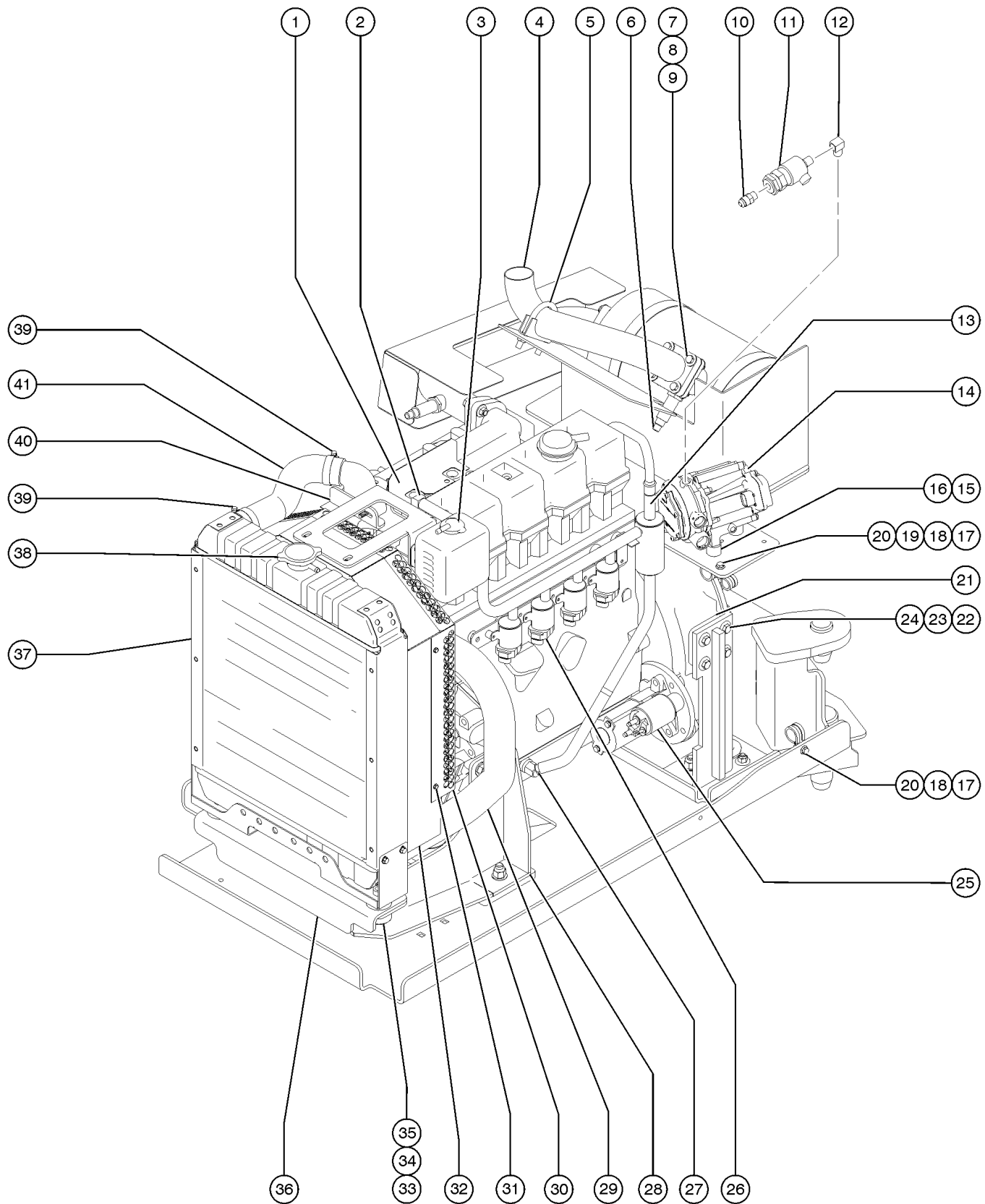
413.1 Continental TME-27 Engine - View 1



413.1 Continental TME-27 Engine - View 1

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	111840	HARNESS,TME27 STARTER RELAY		20	67723	WASHER,FLAT,M14 HARDENED	
--	111890	SPARK PLUG, NGK BPR5ES		21	111847	ENGINE MOUNT,RIGHT FRONT,TME27.....	1
--	111846	KIT, SPARK PLUG,NGK BPR5ES (4)		22	111845	DIPSTICK,CONTINENTAL,TME27..	1
--	111836	SPARK PLUG WIRE,TME27		23	111922	THROTTLE,ELECTRIC,TME2.7L ENG.....	1
--	111905	SENSOR,MAP, TME2.7L ENGINE		24	111859	FITTING PLUG,#8.....	1
--	30810	SENDING UNIT,OIL PRESSURE*** <i>Dual-terminal sender (gauge option)</i>		25	111860	HOSE ASSY,OIL DRAIN,TME27	
--	111903	SWITCH, LOW OIL PRESS, TME27		26	31817	ELBOW,90DEG.1/4MPT-3/8 BARB.....	1
--	28607	ADAPTER,140139-8-6		27	111818	FITTING,1/4 NPT X SAE J2044.....	1
--	122325	FAN,6 BLADE,17IN.PUSH		28	19363	ELBOW,130239-4-4.....	1
--	111894	FAN SPACER,29.7MM		29	111857	ENGINE MOUNT,REAR,TME27.....	1
1	80358	SCREW,FHS,M8 X 1.25 X 16		30	111885	FLYWHEEL CONTINENTAL TME27.....	1
2	59579	NUT, HEX FLANGE M 8 X 1.25		31	49376	SCREW,HHC,M6 X 25	
3	111854	BRACKET,RADIATOR SUP,TME27.....	1	32	49407	WASHER,LOCK,M6	
4	111853	ISOLATOR,VIB, 32 X 32 M8-1.25.....	1	33	25926	WASHER,FLAT,M6 PLTD.	
5	49398	SCREW,FHS,M8 X 1.25 X 30		34	111827	BRACKET,HEAT SHIELD REAR,TME27.....	1
6	111884	WATER PUMP, CONTINENTAL TME27.....	1	--	111826	BRACKET,HEAT SHIELD,FRNT,TME27	
--	111883	WATER PUMP GASKET		35	49375	SCREW,HHC,M6 X 16	
7	111918	BELT,FEAD, TME 2.7L ENGINE.....	1	36	55017	NUT,HEX, M6	
--	111841	PULLEY,CRANKSHAFT,TME27		37	111829	HEAT SHIELD INJECTOR,TME27.....	4
--	111842	WASHER,CRANKSHAFT,TME27		--	111807	INJECTOR,FUEL,CONT,TME2.7L	
--	111843	BOLT,CRANKSHAFT,TME27		38	111888	MANIFOLD,EXHAUST,TME27.....	1
--	111867	WHEEL, CRANK POSITION		--	111889	GASKET,EXHAUST MAN.,TME27	
--	22700	WASHER,LOCK,M10		39	111837	CAP,OIL FILL,TME27.....	1
--	27034	SCREW,HHC,M10 X 25MM,GR 8.8		--	42280	CLAMP,HOSE,.50	
8	111824	HEAT SHIELD,FUEL RAIL,TME27.....	1	40	236449	VALVE COVER,TME27	
9	111822	FUEL RAIL, TME27.....	1				
10	111825	SPACER,HEAT SHIELD,TME27.....	2				
11	111924	ALTERNATOR,TME2.7L ENGINE....	1				
12	49375	SCREW,HHC,M6 X 16					
13	49407	WASHER,LOCK,M6					
14	13268	CLAMP,0.75,#12 X 1/4,RUB CUSH.....	2				
15	111838	FITTING,STR,1/8NPT X 3/16 HB....	1				
16	111917	OIL FILTER,TME 2.7L ENGINE.....	1				
17	111919	ADAPTER,MIXER, TME27.....	1				
18	22558	SCREW,HHC,M14 X 40MM,GR 8.8					
19	37505	WASHER,LOCK,M14					

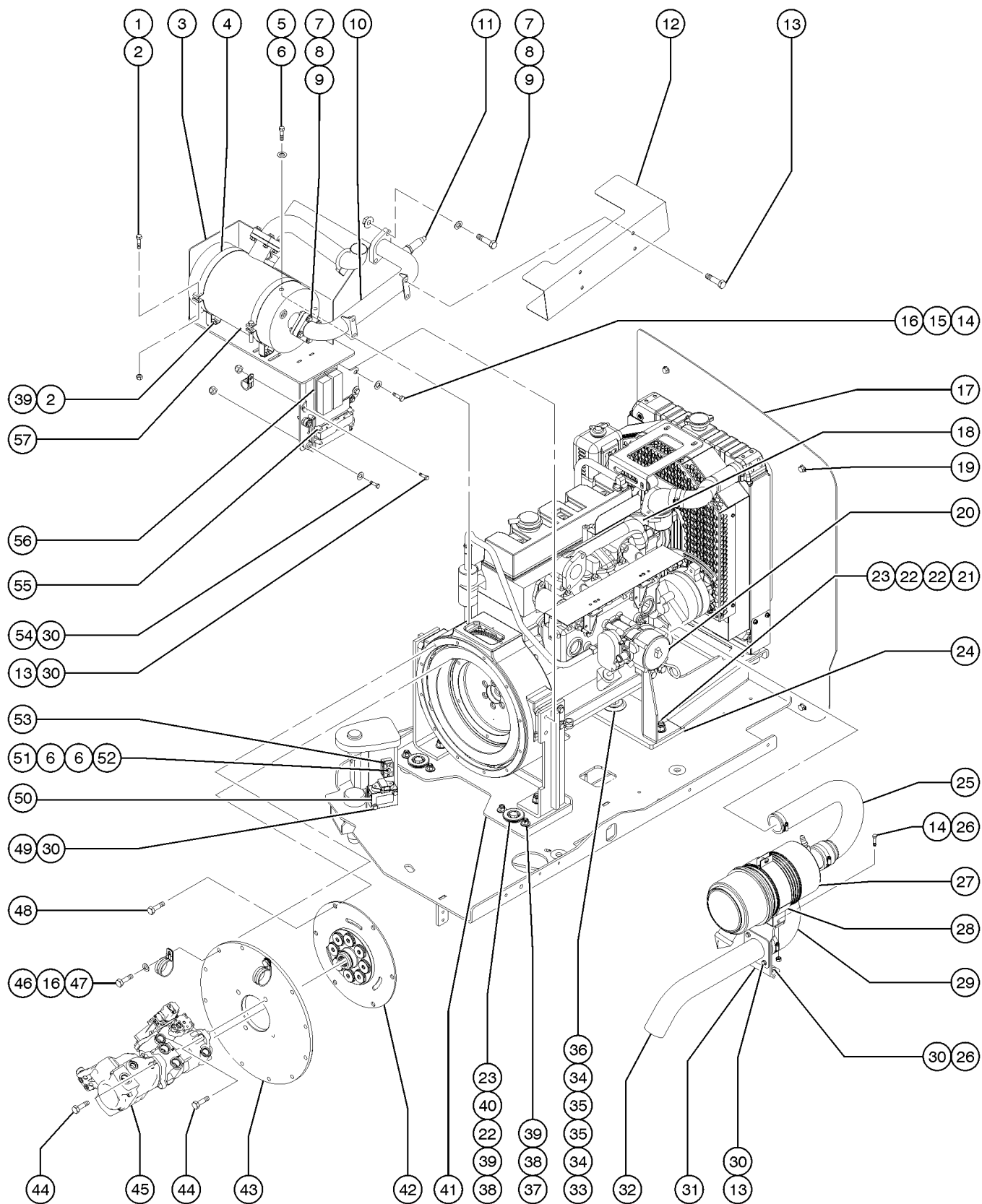
414.1 Continental TME-27 Engine - View 2



414.1 Continental TME-27 Engine - View 2

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	111882	SENSOR,ENGINE TEMP,TME27.....1		--	111831	COIL IGNITION,TME27	
2	236451	ELBOW,1/2"H X 3/8"P,TME27.....1		--	111832	BRACKET,IGNITION COIL,TME27	
--	236452	FITTING,PCV TO VLV COVER,TME27		--	111833	NUT,CLINCH,10-32 X 1	
--	236453	GASKET,PCV FITTING,TME27		--	111834	SPACER,.20 ID X .50 OD X .4 LG	
--	236454	SCREW,#10-32 X 5/8"L		--	111835	SCREW,SHC,10-32 X 1	
--	236455	WASHER,#10,LOCK		--	6607	WASHER,LOCK,#10 PLTD	
3	111856	ASST,OVERFLOW BOTTLE,TME27.....1		27	111844	FITTING,OIL PAN BREATHING,TME27.....1	
4	111808	WELDMENT,EXHAUST PIPE.....1		28	111848	ENGINE MOUNT,LEFT FRONT,TME27.....1	
5	102121	CLAMP,MUFFLER,1-7/8 IN.....2		29	111880	HOSE,LOWER RADIATOR, TME27.....1	
6	122243	SENSOR,O2, TME27 EPA2007.....1		30	111358	CONT FAN GUARD FT W/WORD DECAL.....1	
7	14723	SCREW,HHC,5/16-18 X 1.75		--	111871	GUARD,FAN,FRONT,TME27	
8	5397	WASHER,FLAT,USS,5/16",Y		31	111872	SCREW,FRONT FAN GUARD,TME27.....4	
9	18503	NUT,LOCKING-LG.FLANGE,5/16-18		32	111873	GUARD,FAN REAR,TME27.....1	
10	19358	CONNECTOR,010102-6-4.....1		--	111874	SCREW,REAR FAN GUARD,TME27	
11	119232	LOCKOFF,LP,FORD DSG-423.....1		33	39479	SCREW,HHC,1/2-13 X 2.75	
12	119824	ELBOW,90DEG,5502-04-04-B.....1		34	111850	WASHER,ISOLATOR,TME27.....2	
13	111869	OIL SEPARATOR.....1		35	111851	ISOLATOR,RADIATOR,TME27.....2	
--	111868	VALVE,PVC,TMEW7		36	111849	BRACKET,LOWER RAD,TME27.....1	
--	111870	VALVE,CHCEK,TME27		37	111359	CONT RADR ASSY W/WORD DECAL.....1	
--	42280	CLAMP,HOSE,.50		--	111855	RADIATOR,CONTINTNTAL	
14	122245	REGULATOR,LPG (EPR),TME27 2007.....1		--	111864	PETCOCK,RADIATOR,1,4NPT	
--	111892	FITTING,EPR COOLANT STRAIGHT		38	111865	CAP,RADIATOR,TME27.....1	
--	122255	KIT,EPR FITTING,TME27,EPA2007		39	45435	CLAMP,HOSE,2.50"***.....4	
15	110919	ISOLATOR,VIBRATION,M8 M/M.....4		40	111852	BRACKET,UPPER SUPPORT,TME27.....1	
16	121428	NUT,FLG,M8-1.25		41	111881	HOSE,UPPER RADIATOR, TME27.....1	
17	121419	SCREW,HHC,1/4-20 X .75					
18	18666	CLAMP,1.00,#16 X 1/4,RUB CUSH					
19	45454	CLAMP,RUB CUSH,0.75,#12 X 3/8*					
20	121421	NUT,FLG,1/4-20					
21	111858	SPACER,ENGINE MOUNT,TME27.....2					
22	5224	SCREW,HHC,3/8-16 X 2					
23	6021	WASHER,LOCK,.375					
24	19934	WASHER,3/8 HARD.STEEL-FLAT,USS.....8					
25	111916	STARTER,TME 2.7L ENGINE.....1					
26	111904	COIL ASSEMBLY, TME2.7L ENGINE.....1					

415.1 Continental TME-27 Engine - View 3



415.1 Continental TME-27 Engine - View 3

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	8178	SCREW,HHC,3/8-16 X 2.5		--	77295	FILTER ELEMENT,AIR,NOLFF LPG	
2	121422	NUT,HEX,FLG,3/8-16		28	53952	BRKT,AIR CLEANER ORIENTATION**	
3	111799	WELDMENT,MUFFLER MOUNT 1				1	
4	119051	MOUNTING BAND,MUFFLER,8.0"		29	34164	ELBOW,90 DEGR,RUBBER,2.5"I.D.*	
5	10107	SCREW,HHC,5/16-18 X .75				1	
6	6638	WASHER,FLAT,USS,1/4"Y		--	35434	CLAMP,HOSE,2.00***	
7	61741	SCREW,HHC,5/16-18 X 1.50		--	45435	CLAMP,HOSE,2.50"***	
8	5397	WASHER,FLAT,USS,5/16",Y		30	121421	NUT,FLG,1/4-20	
9	18503	NUT,LOCKING-LG.FLANGE,5/16-18		31	121198	FORMING,AIR FILTER MT, CONT	
10	111794	WELDMENT,EXHAUST COLL.PIPE				1	
11	122243	SENSOR,O2, TME27 EPA2007 1		32	121630	WELDMENT,INTAKE,CONT,S80	
12	111810	FORMING,HEAT SHIELD,EXH PIPE 1				1	
13	121419	SCREW,HHF,1/4-20 X .75		33	13003	SCREW,HHC,5/8-11 X 3.5 GRD.8	
14	5224	SCREW,HHC,3/8-16 X 2		34	13064	WASHER,FLAT,.625 HARDENED	
15	6021	WASHER,LOCK,.,375				2	
16	19934	WASHER,3/8 HARD.STEEL-FLAT,USS		35	18596	WASHER,FLAT,1.56 X 2.5 X .061	
17	121385	CONTINENTAL ENGINE SIDE BULKHEAD 1		36	6024	NUT,NYLOCK,5/8-11	
18	111887	MANIFOLD,COOLANT, TME27 1		37	4828	NUT,NYLOCK,3/8-16	
--	111886	GASKET,MANIFOLD,COOLANT,TME27		38	121071	SCREW,HHC,FLG,1/2-13 X 2.50GR8	
19	75051	SCREW,SER FLNG3/8UNCX3/4ZNYEL		39	102066P	CASTING,WASHER,REBOUND,PAINTED	
20	111920	MIXER,TME 2.7L,ENGINE 1				3	
21	6096	SCREW,HHC,1/2-13 X 2 GR5		40	70452	ISOLATOR,ENGINE VIBRATION***	
22	13066	WASHER,FLAT,.5 HARDENED		41	121199	FORMING,ENGINE MOUNT,REAR,CONT.	
23	6198	NUT,NYLOCK,1/2-13				1	
24	111801	PLATE,ENGINE MOUNT		42	128004	COUPLER,15 TOOTH,FBA,SAE8***	
25	111815	HOSE,AIR CLEANER TO MIXER 1				1	
--	35434	CLAMP,HOSE,2.00***		43	111861	PLATE,PUMP MOUNT,SAE 4	
--	45435	CLAMP,HOSE,2.50"***				1	
26	121420	SCREW,HHF,1/4-20 X 1.000		44	123167	FLGHCS,1/2-13X1.50,GR8,BLK PH	
27	111634	AIR CLEANER,FORD,T3 1				6	
--	227988	VACUATOR VALVE		45	REF.	DRIVE PUMP (REFER TO 708.1)	
--	58247	AIR CLEANER CAP/ FORD/NOLFF		46	8516	SCREW,HHC,3/8-16 X 1.50,GR5	
						1	
				47	45454	CLAMP,RUB CUSH,0.75,#12 X 3/8*	
				48	6175	SCREW,HHC,3/8-16 X 1	
				49	121070	SCREW,HHF,1/4-20 X 2.50	
				50	122246	REGULATOR,FUEL PRESS,TME27'07	
						1	
				51	6637	SCREW, HHC, 1/4-20 X 1.75	
				52	6091	NUT, NYLOCK, 1/4-20	
				53	78736	CLAMP,2 HOSE,PLASTIC,5/8	
						2	

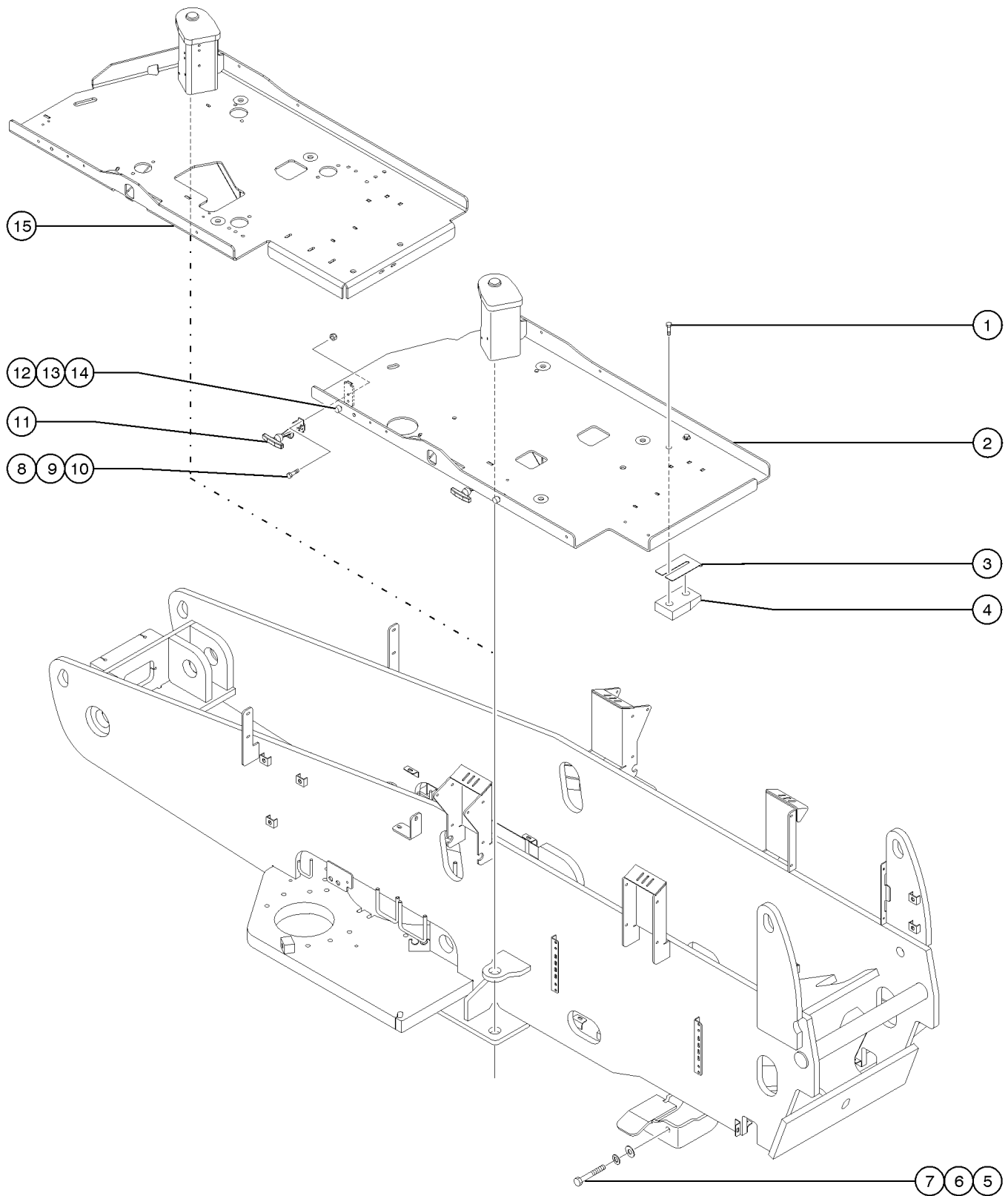
415.1 Continental TME-27 Engine - View 3
(continued)

Item	Part No.	Description	Qty.
54	121069	SCREW,HHF,1/4-20 X 1.50	
55	122244	CONTROL MODULE, TME27 2007 1	
56	122250	HARNESS,TME27 ENGINE,EPA2007 1	
57	111710	MUFFLER,CATALYTIC,CONTINENTAL 1	
--	72343	GASKET,EXH FLANGE-PERKINS54555	

415.1 Continental TME-27 Engine - View 3
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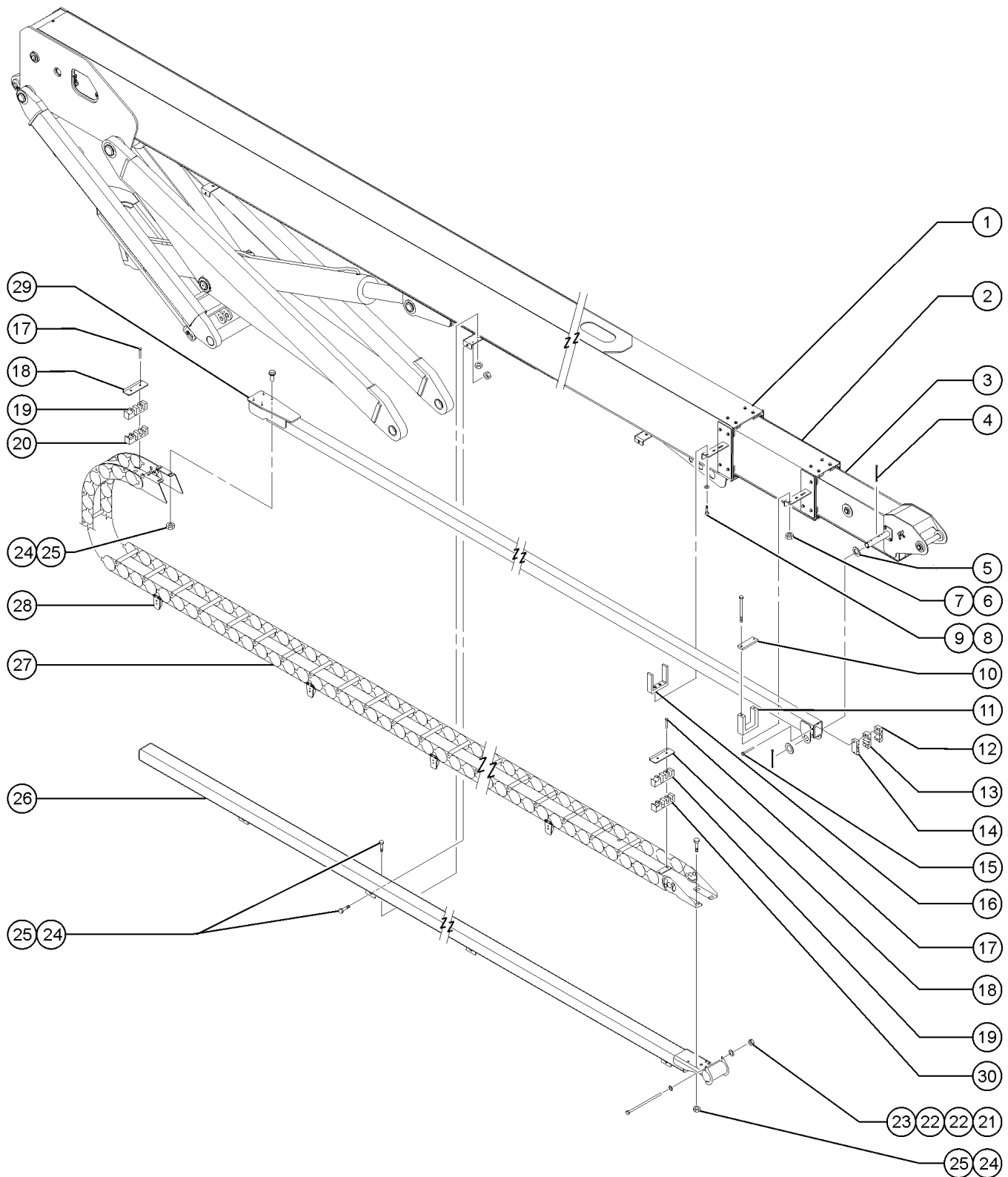
416.1 Engine Tray



416.1 Engine Tray

Item	Part No.	Description	Qty.
1	123557	FLGHCS,3/8-16X1.25,GR8,BLK PH	
2	121300	WELDMENT, ENGINE TRAY.....1	
3	34344	SHIM,SIDE PAD 16GA. 3 X 5	
4	81522	WEAR PAD,ENGINE TRAY.....1	
5	81110	SCREW,HHC,5/8-11 X 2 GRD.8	
6	6036	WASHER,LOCK,,625 PLTD	
7	6035	WASHER,FLAT,USS,5/8",Y	
8	75041	SCREW,PHILLIPS,PHM,10-32 X 1	
9	6146	WASHER,FLAT,MS,#10,Y	
10	6178	NUT,NYLOCK,10-32	
11	45363	LATCH,FLEXIBLE.....2	
12	36388	BUMPER,RUBBER,.75 X .50H,STUD.....2	
13	6638	WASHER,FLAT,USS,1/4"Y	
14	6091	NUT,NYLOCK,1/4-20	
15	162274	WELDMENT,ENGINE TRAY, 2.9L DEU (Models with Deutz 2.9L or Perkins 404F-22T)	

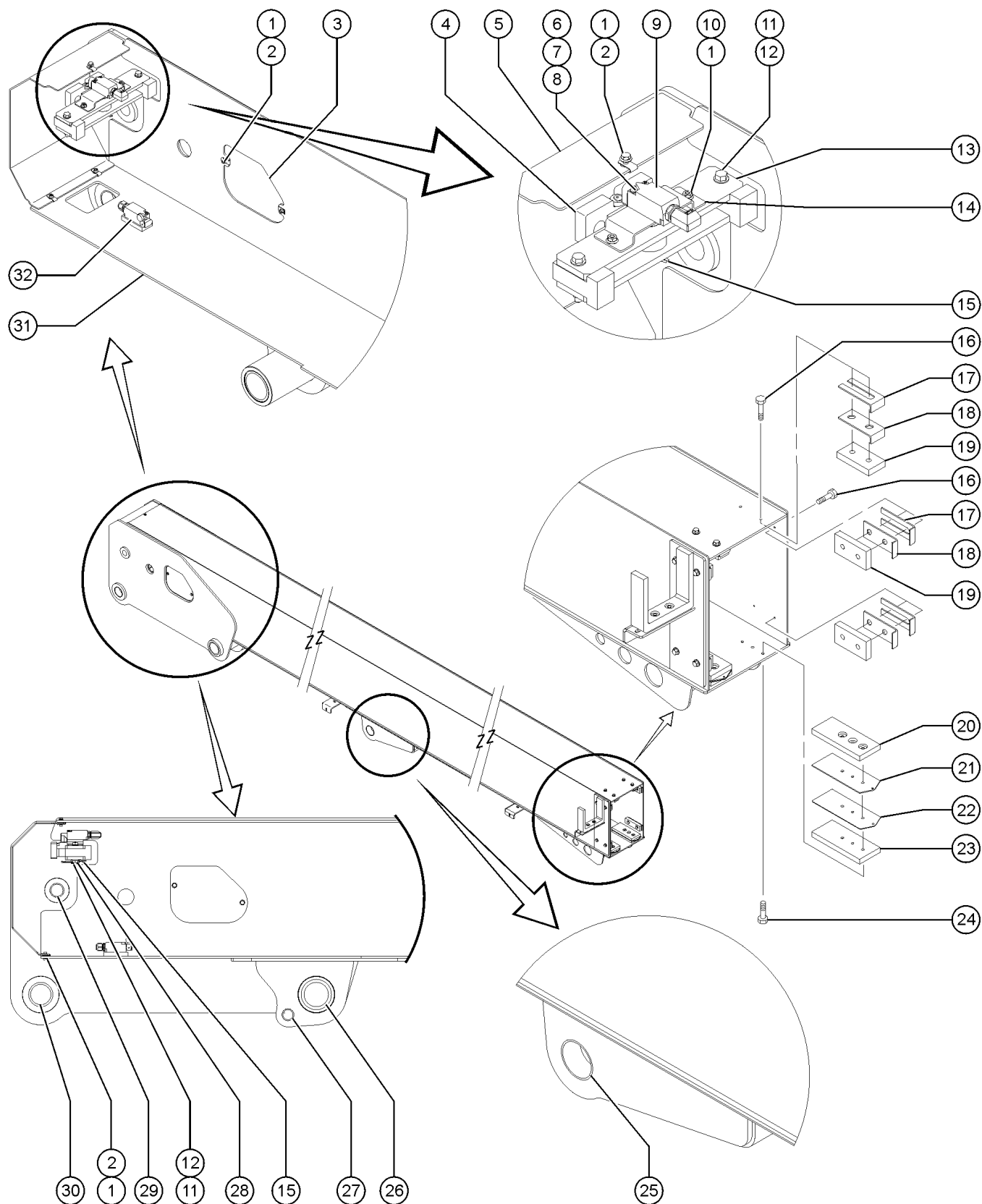
501.1 Cable Track Installation



501.1 Cable Track Installation

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	REF.	BOOM NUMBER 1 (Refer to 502.1)		21	6091	NUT,NYLOCK,1/4-20	
2	REF.	BOOM NUMBER 2 (Refer to 503.1)		22	6638	WASHER,FLAT,USS,1/4"Y	
3	REF.	BOOM NUMBER 3 (Refer to 504.1)		23	121786	SCREW,HHC,1/4-20 X 6.0	
4	42079	PIN,COTTER,.156 X 2.5.....2		24	121422	NUT,HEX,FLG,3/8-16	
5	18596	WASHER,FLAT,1.56 X 2.5 X .061....2		25	121066	SCREW,HHC,FLG,3/8-16 X 1 GR8	
6	121422	NUT,HEX,FLG,3/8-16		26	121061	WELDMENT,CABLE TRACK TRAY <i>Revised at SN 8862 but remains backward compatible</i>	
7	81777	SCREW,HHC,3/8-16 X 7		27	121064	ASSEMBLY,SX CABLE TRACK,70 LNK.....1	
8	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5		--	122661	REPAIR KIT,4 LINK,W/GUIDE.....1	
9	5397	WASHER,FLAT,USS,5/16",Y		--	122662	END BRACKET, MOVING END	
10	81342	WEAR PAD,5.5 X 1.75 X .5.....1		--	122663	END BRACKET, FIXED END	
11	81341	WEAR PAD,CABLE TRACK PULL TUBE.....1		--	122664	ALUMINUM FLAT CROSS BAR	
12	121872	CLAMP,PULL TUBE HOSES,RIGHT.....1		--	122665	FLAT BAR W/ PEM NUTS	
13	121871	CLAMP,PULL TUBE HOSES,MID....1		--	122666	SEPARATOR, PLASTIC	
--	228891	CLAMP,PULL TUBE HOSES,RH.....1 (Arctic High Pressure Hose Kit)		28	218448	FINGER,GUIDE,CABLE TRACK....16	
--	T115764	CLAMP,PULL TUBE,RIGHT,WK LT (Worklight option)		--	122668	GUIDE FINGER, PLASTIC	
14	121870	CLAMP,PULL TUBE HOSES,LEFT.....1		--	87085	RIVET,ALUM,P,.188 X .25	
--	228892	CLAMP,PULL TUBE HOSES,LH.....1 (Arctic High Pressure Hose Kit)		29	121063	WELDMENT, LONG, GUIDE TUBE...1	
--	T115763	CLAMP,PULL TUBE,LEFT,WK LT (Worklight option)		30	121093	CLAMP,CABLE TRACK.....1	
15	121070	SCREW,HHF,1/4-20 X 2.50		--	T115580	CLAMP,CABLE TRACK (Arctic High Pressure Hose Kit)	
16	81340	WEAR PAD ASSEMBLY,CABLE TRACK					
17	6637	SCREW,HHC,1/4-20 X 1.75					
--	50160	SCREW,HHC,1/4-20 X 3.75 (Welder and Air Line options)					
18	121065	FORMING,CLAMP, TOP,CABLE TRACK.....2					
19	121095	CLAMP, OPTIONS, CABLETRACK.....4 (Welder and Air Line options)					
20	121093	CLAMP,CABLE TRACK.....1					
--	121828	CLAMP,ARCTIC,CABLE TRACK.....1 (Arctic hose option); to SN 8296					
--	T115765	CLAMP,CABLE TRACK, WK LT (Worklight option)					

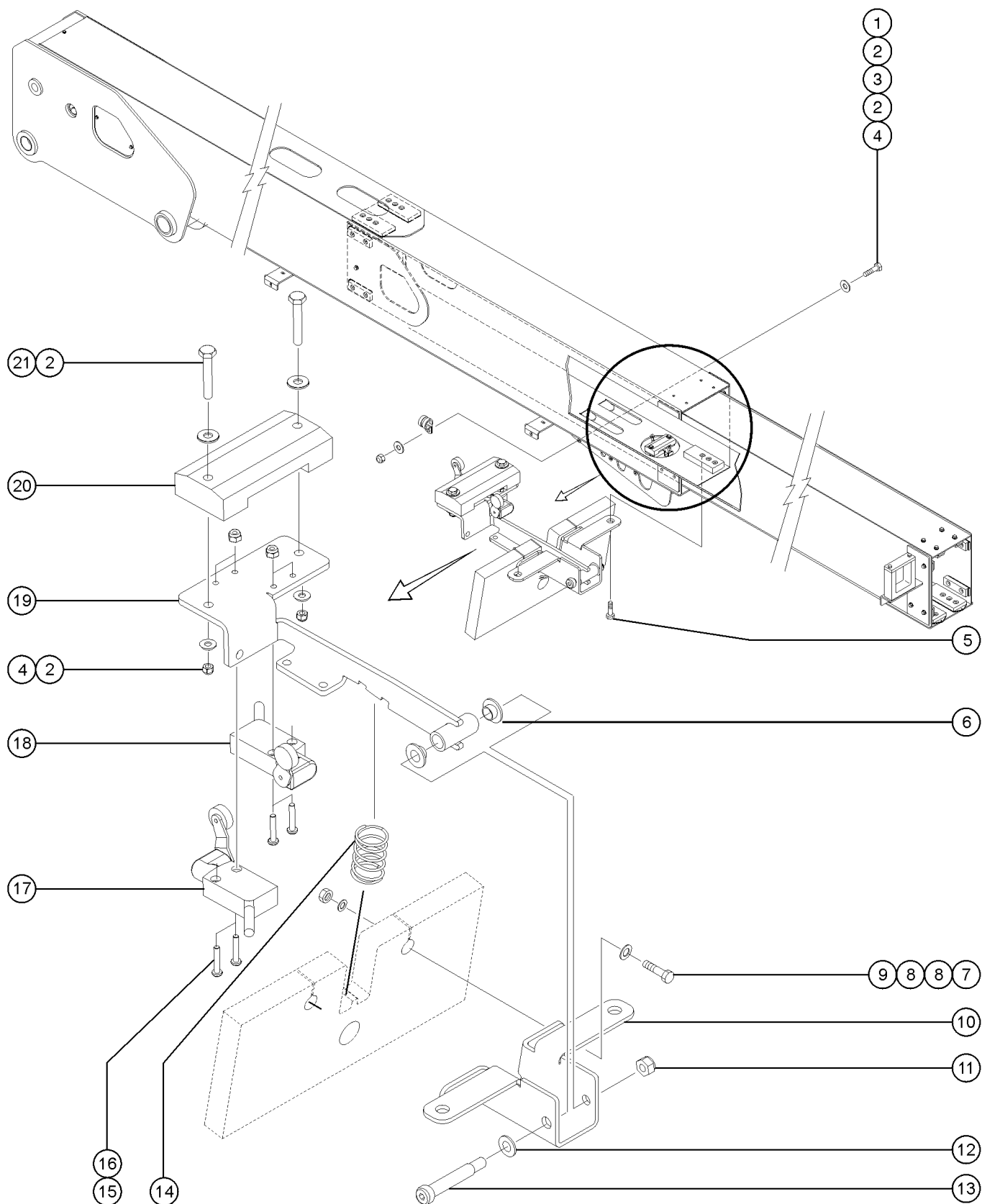
502.1 Extension Boom Tube 1



502.1 Extension Boom Tube 1

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	121419	SCREW,HHF,1/4-20 X .75.....	11	31C	227153	BOOM TUBE #1 ASSY,S85,W/WORD.....	1
2	56912	SPRING CLIP,1/4-20,.025-.15X.5....	9	31D	227154	BOOM TUBE #1 ASSY,S85,W/SYMB.....	1
3	121029	COVER PLATE, BOOM.....	2	32	REF.	LIMIT SWITCH (Refer to 312.1 and 313.1)	
4	121180	ASSEMBLY, PIVOT PLATE.....	1				
5	121159	FORMING,COVER,PRIMARY BOOM.....	1				
6	51063	SCREW,PHILLIPS,RHM,10-32 X 1.5.....	4				
7	6178	NUT,NYLOCK,10-32.....	2				
8	6146	WASHER,FLAT,MS,#10,Y.....	2				
9	REF.	LIMIT SWITCH (Refer to 312.1 and 313.1)					
10	121421	NUT,FLG,1/4-20.....	2				
11	121078	SCREW,FLANGE,HHC,3/8-16X2.5					
12	121422	NUT,HEX,FLG,3/8-16.....	2				
13	121028	PLATE,ROCKER.....	2				
14	77653	FORMING,LIMIT SWITCH BRACKET.....	1				
15	74389	RUE RING 1.00.....	1				
16	121066	SCREW,HHC,FLG,3/8-16 X 1 GR8.....	14				
17	29080	SHIM,WEAR PAD,5X 1.5 16GA					
18	38620	SHIM,WEAR PAD,5 X 1.5,14GA					
19	73461	WEAR PAD,5 X 1.5 X .875 W/NUTS.....	6				
20	88648	WEAR PAD,7X3X.625 W/NUTS					
21	60304	SHIM,WEAR PAD,7 X 3,12GA					
22	60840	SHIM,WEAR PAD,7 X 3,16GA					
23	121164	BAR, SPACER.....	2				
24	122209	SCREW,HHF,3/8-16 X1.50					
25	27697	BEARING,2.50IDX2.75ODX1.50L....	2				
26	121754	BEARING,3.00IDX3.50DX2.25LG....	2				
27	50560	BEARING,1.25IDX1.50ODX1.50L....	1				
28	87247	PIN,CLEVIS,1 X 2.25 LG.....	1				
29	110876	BEARING,1.5"ID X 1.75OD X1.25L.....	2				
30	101559	BEARING,FL,2.50IDX2.75ODX1.61L.2					
31A	122389	BOOM TUBE #1 ASSY,S80,W/WORD**.....	1				
31B	122390	BOOM TUBE #1 ASSY,S80,W/SYMB.....	1				

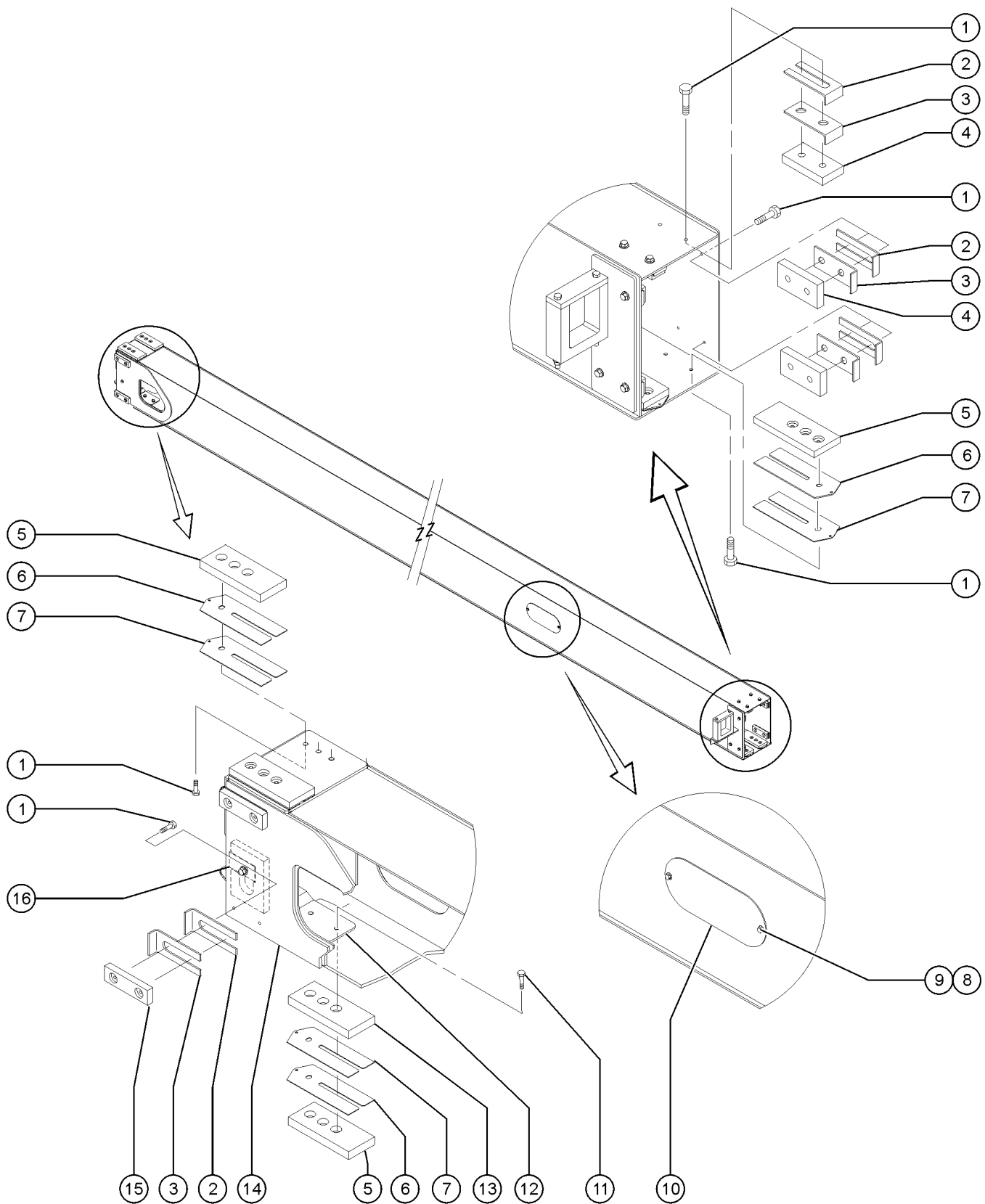
502.2 Extension Boom Tube 1, S-80X (from SN 8500)



502.2 Extension Boom Tube 1, S-80X (from SN 8500)

Item	Part No.	Description	Qty.
1	6888	SCREW,HHC,1/4-20 X 1	
2	6638	WASHER,FLAT,USS,1/4"Y	
3	6833	CLAMP,0.50,#8 X 1/4,RUB CUSH....3	
4	6091	NUT,NYLOCK,1/4-20	
5	122209	SCREW,HHF,3/8-16 X1.50	
6	47222	WASHER,SHOULDER,NYLON.....2	
7	13918	SCREW,HHC,3/8-16 X 1.75,GRD.8.....2	
8	5397	WASHER,FLAT,USS,5/16",Y	
9	4828	NUT,NYLOCK,3/8-16	
10	147628	COVER, LIMIT SWITCH ARM MOUNT.....1	
11	6782	NUT,NYLOCK,5/16-18	
12	6021	WASHER,LOCK,.375	
13	147578	SCREW,SHC,3/8 X 1.75 SHOULDER	
14	147662	SPRING,.975"OD X 1.50"LG.....1	
15	54380	SCREW,PHILLIPS,PHM,8-32 X .875	
16	18605	NUT,NYLOCK,8-32	
17	T106478	HARN, LS OP PRI.DUAL CAP.....1	
--	139644-14B61	LIMIT SWITCH,BLUE,MICRO	
18	T106479	HARN,LS SAFETY,PRI.DUAL CAP.....1	
--	139644-14B61	LIMIT SWITCH,BLUE,MICRO	
19	147631	WELDMENT, LIMIT SWITCH ARM.....1	
20	147505	WEARPAD, LIMIT SWITCH GUIDE.....1	
21	6637	SCREW,HHC,1/4-20 X 1.75	

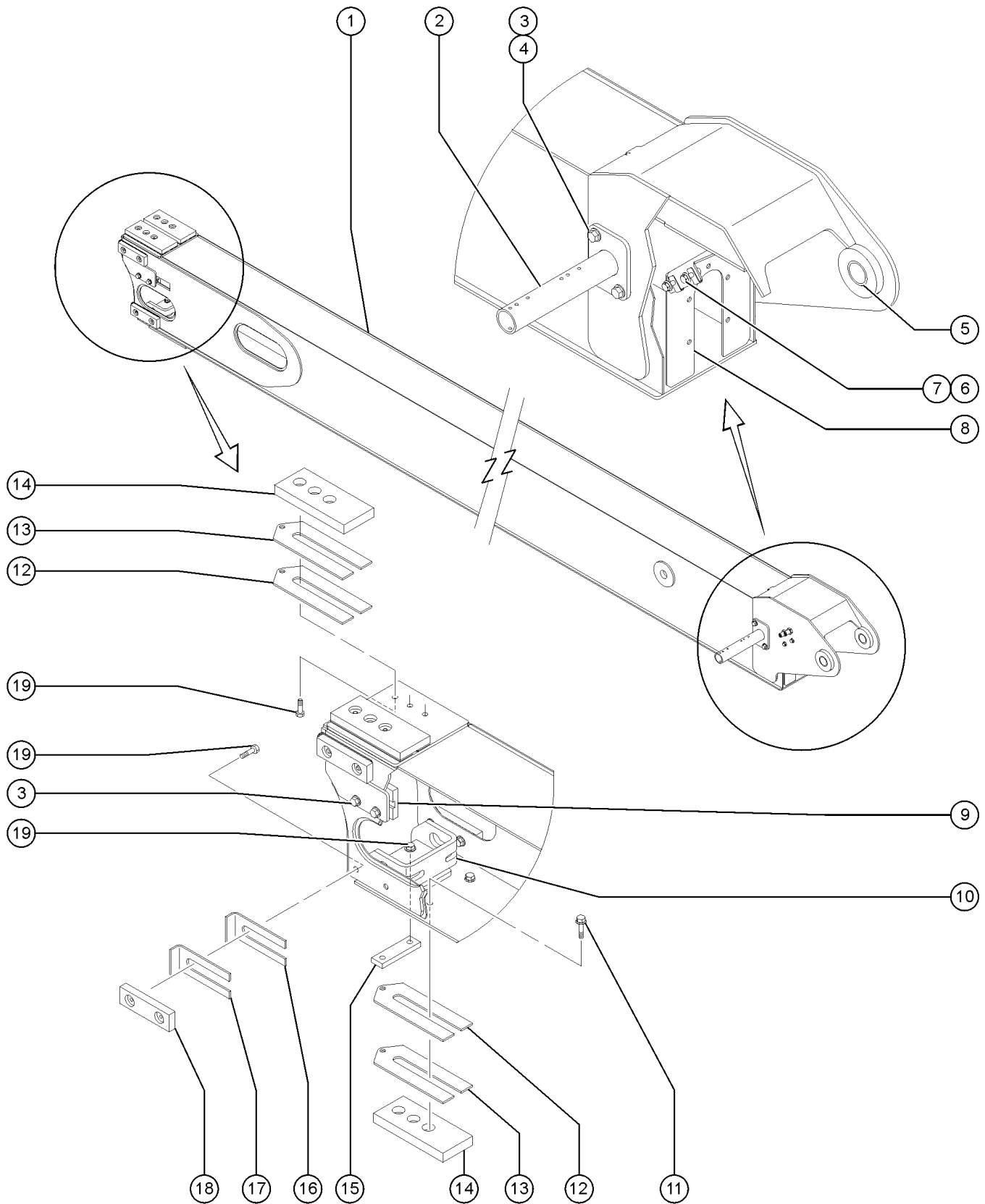
503.1 Extension Boom Tube 2



503.1 Extension Boom Tube 2

Item	Part No.	Description	Qty.
1	121066	SCREW,HHC,FLG,3/8-16 X 1 GR8.....	30
2	29080	SHIM,WEAR PAD,5X 1.5 16GA	
3	38620	SHIM,WEAR PAD,5 X 1.5,14GA	
4	73461	WEAR PAD,5 X 1.5 X .875 W/NUTS.....	6
5	88648	WEAR PAD,7X3X.625 W/NUTS.....	5
6	60304	SHIM,WEAR PAD,7 X 3,12GA	
7	60840	SHIM,WEAR PAD,7 X 3,16GA	
8	121419	SCREW,HHF,1/4-20 X .75	
9	56912	SPRING CLIP,1/4-20,.025-.15X.5.....	4
10	77884	COVER,BOOM SECTION #2.....	2
11	122209	SCREW,HHF,3/8-16 X1.50	
12	121045	FORMING, LS RAMP.....	1
13	121164	BAR, SPACER.....	1
14	147620	WELDMENT, BOOM SEC #2, S80 DC.....	1
15	30138	WEAR PAD,5 X 1.5 X .625 W/NUTS.....	4
16	121658	CAP, EXTENSION.....	2

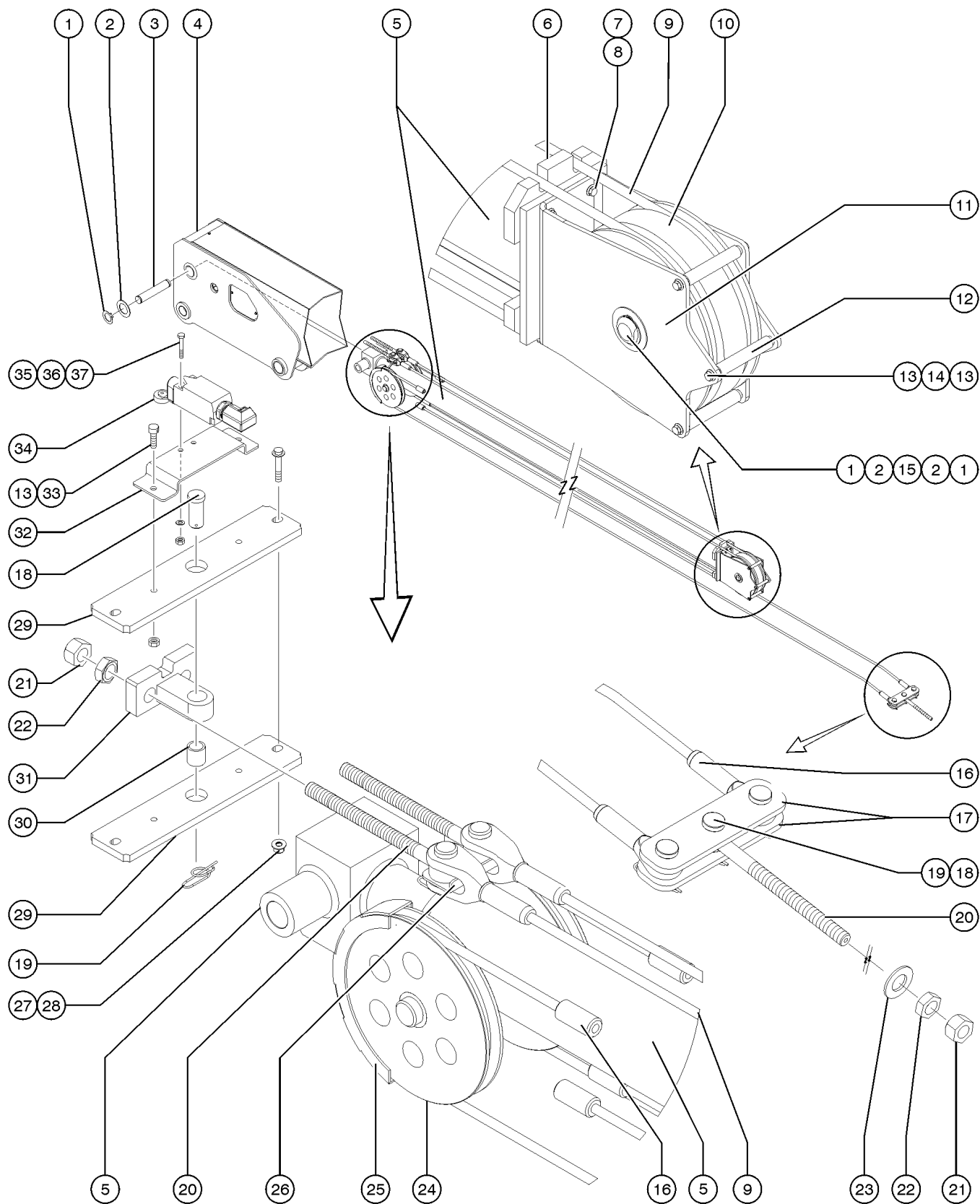
504.1 Extension Boom Tube 3



504.1 Extension Boom Tube 3

Item	Part No.	Description	Qty.
1	122393	BOOM TUBE 3 WITH WORD DECALS <i>to SN 8360</i>	
--	122394	BOOM TUBE 3 WITH SYMBOL DECALS <i>to SN 8360</i>	
--	147542	BOOM TUBE 3 W/WORD DECALS <i>from SN 8361</i>	
--	147543	BOOM TUBE 3 W/SYMBOL DECALS <i>from SN 8361</i>	
2	81347	WELDMENT, TRACK PULL TUBE PIVOT.....	1
3	123557	FLGHCS, 3/8-16X1.25, GR8, BLK PH	
4	121422	NUT, HEX, FLG, 3/8-16	
5	34245	BEARING, 1.25IDX1.50X1.25L..... <i>(Part of boom item 122393 or 122394); to SN 8360</i>	2
--	147544	BEARING, 1.25IDX1.50ODX2.25L <i>from SN 8361</i>	
6	121420	SCREW, HHF, 1/4-20 X 1.000	
7	56912	SPRING CLIP, 1/4-20, .025-.15X.5.....	2
8	121030	FORMING, DEBRIS COVER,.....	1
9	121163	PLATE, CABLE BLOCK.....	2
10	121160	WELDMENT, EXTENSION BRACKET.....	1
11	121763	SCREW, HHF, 3/8-16X.75	
12	60840	SHIM, WEAR PAD, 7 X 3, 16GA.....	4
13	60304	SHIM, WEAR PAD, 7 X 3, 12GA.....	4
14	88648	WEAR PAD, 7X3X.625 W/NUTS.....	4
15	77713	PLATE, TAP BLOCK.....	1
16	29080	SHIM, WEAR PAD, 5X 1.5 16GA.....	4
17	38620	SHIM, WEAR PAD, 5 X 1.5, 14GA.....	4
18	30138	WEAR PAD, 5 X 1.5 X .625 W/NUTS.....	4
19	121066	SCREW, HHC, FLG, 3/8-16 X 1 GR8	

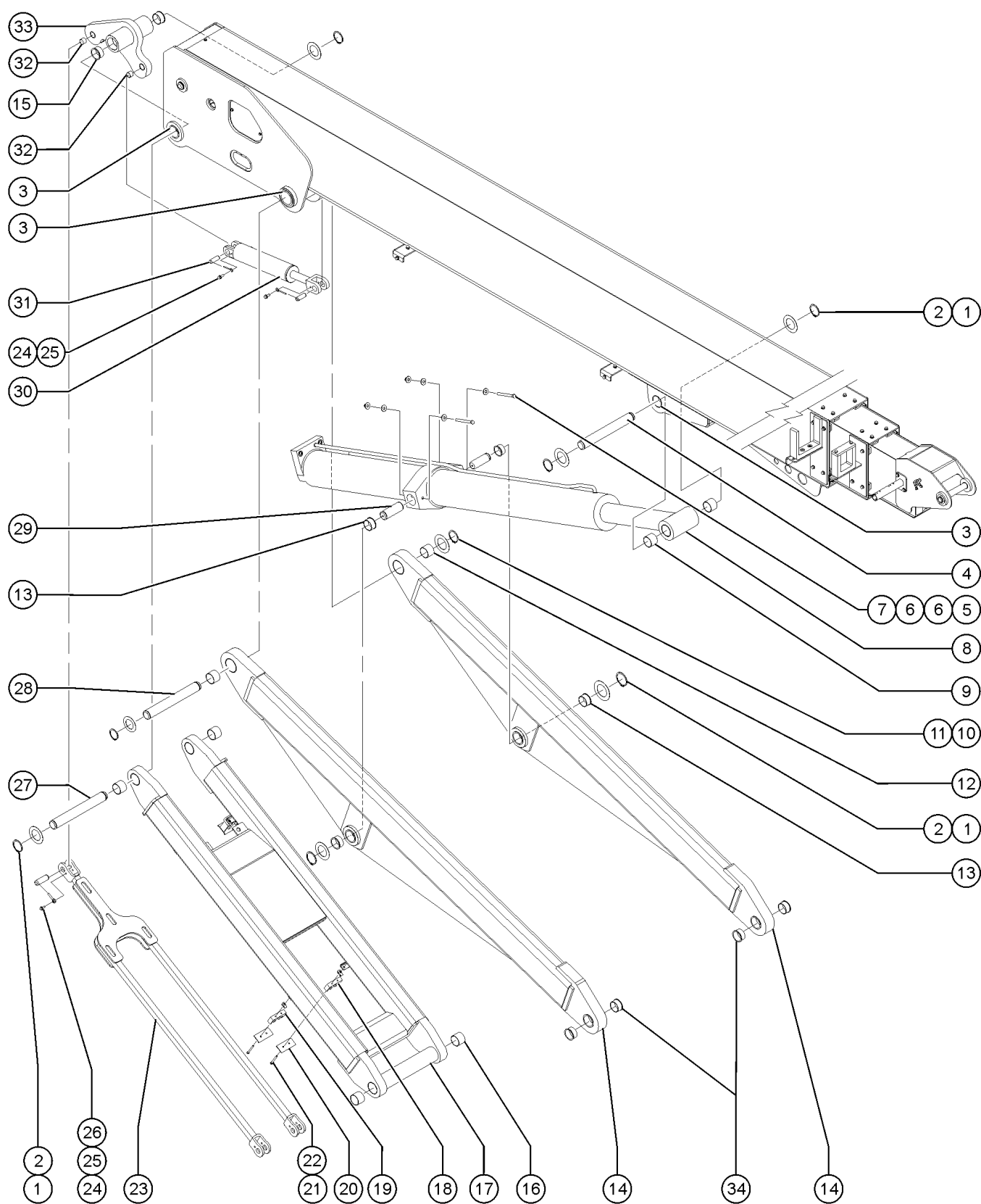
505.1 Cable Assembly and Primary Extension Cylinder



505.1 Cable Assembly and Primary Extension Cylinder

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
A	217710	KIT,EXT/RET CABLE REPLMNT,S80 <i>Replaces all extension and retraction cables (contains all necessary hardware and fasteners) (for easier installation, suggest ordering 94510, below)</i>		21	10258	NUT,NYLOCK,3/4-10.....	3
B	94510	TOOL,CABLE GRIP, 7/16" <i>For installation of 217710</i>		22	6126	NUT,HEX,JAM,3/4-10.....	3
1	825796	SNAP RING,EXTERNAL,1.50,ZAG.....	4	23	33278	WASHER,FLAT,.75 HARDENED.....	1
2	18596	WASHER,FLAT,1.56 X 2.5 X .061....	4	24	88568	SHEAVE,RETRACT CABLE(SMALLER).....	2
3	121034	PIN,1.500 X 14.900,2 RINGS.....	1	25	121151	WELDMNT, RETRACT SHEAVE COVER.....	1
4	REF.	BOOM NUMBER 1 (REFER TO 502.1)		26	121189	PLATE, ANTIROTATION.....	1
5	121142	CYLINDER, PRIMARY.....	1	27	121422	NUT,HEX,FLG,3/8-16	
--	121762	VALVE,COUNTERBALANCE,1000 ATM..... <i>Extend valve</i>	1	28	121078	SCREW,FLANGE,HHC,3/8-16X2.5	
--	146058	SEAL KIT (121142)		29	121028	PLATE,ROCKER.....	2
--	43018	SEAL KIT (39345) <i>Used with valves 77409 and 121762</i>		30	25817	BEARING,1.00IDX1.25ODX1.00L.... <i>(Placed inside part 77795)</i>	1
--	77409	VALVE,COUNTERBALANCE,1000 ATM..... <i>Retract valve</i>	1	31	77795	MACHINED PIVOT PLATE WELDMNT.....	1
6	121155	GUIDE, EXT. CABLE, TOP.....	2	32	77653	FORMING,LIMIT SWITCH BRACKET.....	1
7	121075	SCREW,HHF,3/8-16X2.00.....	4	33	121421	NUT,FLG,1/4-20	
8	121422	NUT,HEX,FLG,3/8-16.....	4	34	REF.	HARNES,LS,CHAIN BREAK S80/85 <i>(Refer to 312.1 or 313.1)</i>	
9	232843	CABLE ASSEMBLY,EXTEND SET..... <i>Contains two cables</i>	1	35	51063	SCREW,PHILLIPS,RHM,10-32 X 1.5	
10	121147	SHEAVE, EXTEND.....	1	36	6146	WASHER,FLAT,MS,#10,Y	
11	121146	FORMING, BRACKET, EXTEND SHEAVE.....	1	37	6178	NUT,NYLOCK,10-32	
12	121670	ROLLER, 1/2" PVC.....	3				
13	121419	SCREW,HHF,1/4-20 X .75.....	8				
14	121671	ROLLER, 1/2" ALUMINUM.....	3				
15	121156	PIN, DIA. 1.500 X 5.875.....	1				
16	232844	CABLE ASSEMBLY,RETRACT SET..... <i>Contains two cables</i>	1				
17	121044	PLATE, RETRACT CABLE EQUALIZER.....	2				
18	87247	PIN,CLEVIS,1 X 2.25 LG.....	4				
19	74389	RUE RING 1.00.....	4				
20	77656	ROD END,CABLE.....	3				

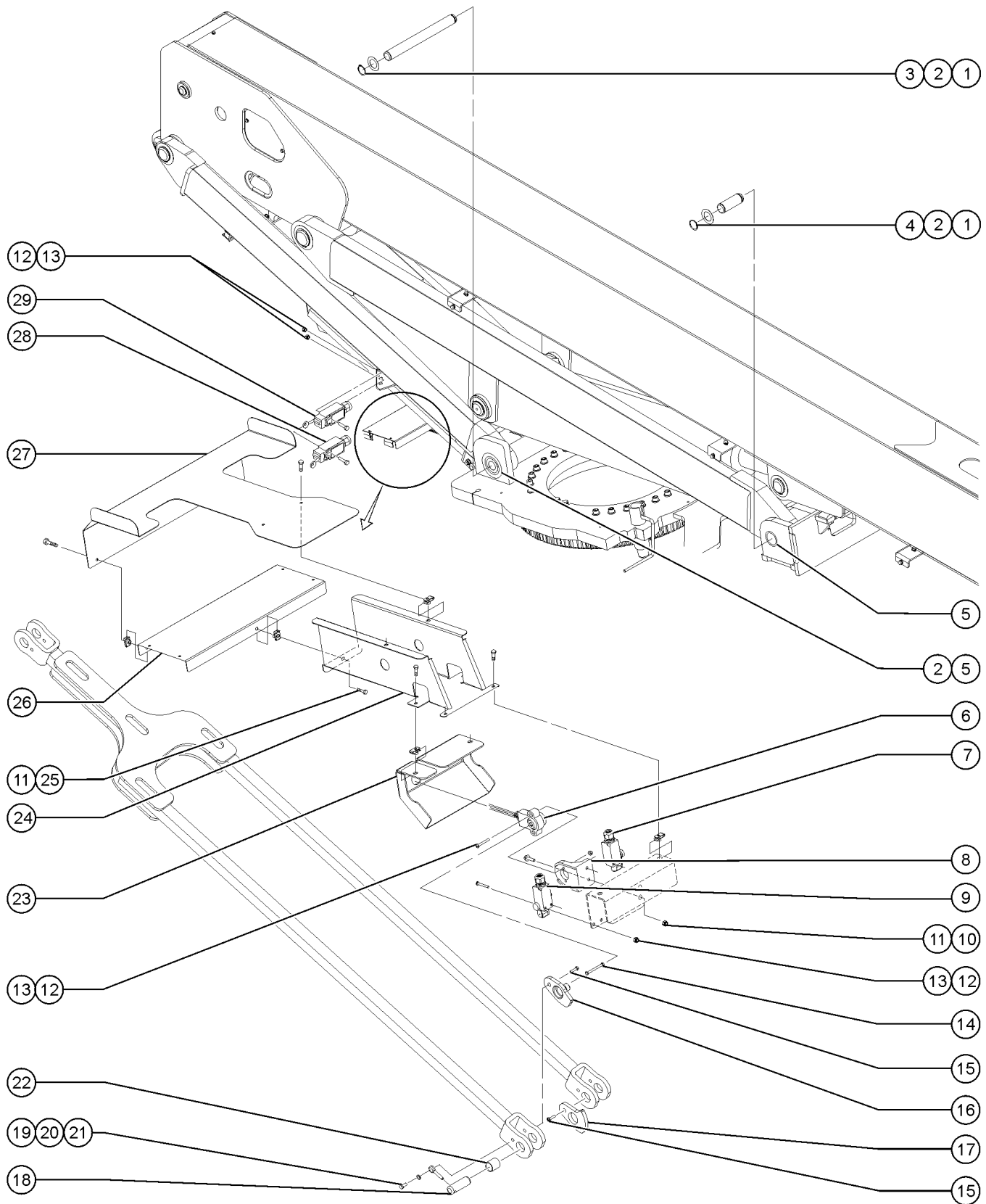
506.1 Boom Link Assembly - View 1



506.1 Boom Link Assembly - View 1

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	825760	SNAP RING,EXTERNAL,2.50,ZAG.....6		26	50742	PIN,1.25DIAX3.75LG,1HOLE.....1	
2	29746	WASHER,FLAT,2.5 X 4 X .062.....4		27	121032	PIN, 2.50 X 19.875, 2 RINGS.....1	
3	REF.	BEARING (Refer to 502.1)		28	121033	PIN, 3.00 X 21.50, 2 RINGS.....1	
4	121031	PIN, 2.50 X 12.200, 2 RINGS.....1		29	121039	PIN, 2.50 X 6.90,.....2	
5	12461	SCREW,HHC,1/2-13 X 5,GRD.8.....2		30	121236	CYLINDER, MASTER.....1	
6	6095	WASHER,FLAT,USS,1/2",Y.....4		--	146060	SEAL KIT (121236)	
7	6198	NUT,NYLOCK,1/2-13.....2		31	119032	PIN,1.25DIAX4.38LG,1HOLE.....2	
8	121140	CYLINDER, LIFT, S80-85.....1		32	50560	BEARING,1.25IDX1.50ODX1.50L....2	
--	1251820	GLAND NUT SEAL ASSYG		33	122458	ASSEMBLY, TIMING LINK CAM	
--	146059	SEAL KIT (121140)		34	121399	BEARING,2.50IDX2.75OBX1.25LG.2	
--	31106	VALVE,CNTERBAL,CBBB-LHN@3000**.	2				
--	43018	SEAL KIT (39345) Used on valve 31106					
9	27698	BEARING,2.50IDX2.75ODX2.00L....2					
10	825762	SNAP RING,EXTERNAL,3.00,ZAG.....2					
11	121593	WASHER,FLAT,4.5 X 3.062 X .05....2					
12	121406	BEARING,FL,3.00IDX.....2					
13	101559	BEARING,FL,2.50IDX2.75ODX1.61L.4					
14	122282	ASSEMBLY, WELDMENT.....2					
15	101566	BEARING,FL,2.50IDX2.75ODX1.36L.8					
16	27698	BEARING,2.50IDX2.75ODX2.00L....4					
17	122457	ASSEMBLY, WELDMENT.....1					
18	121087	CLAMP,HYD,SHORT LINK.....2					
--	229327	CLAMP,SHORT LINK.....2 (Arctic High Pressure Hose Kit)					
19	121085	CLAMP,ELEC,SHORT LINK.....2					
--	229337	CLAMP,ELEC.WELD OPT,SHORT LINK (Weld option); from SN 9125					
20	121089	CLAMP,TOP,SHORT LINK.....4					
--	229338	CLAMP,TOP WELD OPT,SHORT LINK (Weld option); from SN 9125					
21	36294	SCREW,HHC,1/4-20 X 2.75.....8					
22	56912	SPRING CLIP,1/4-20,.025-.15X.5....8					
23	121646	WELDMENT, MASTER LINK.....1 (ANGLE SENSOR Calibration required after replacement)					
24	121066	SCREW,HHC,FLG,3/8-16 X 1 GR8					
25	25284	ROD END,.375 X 2.25***					

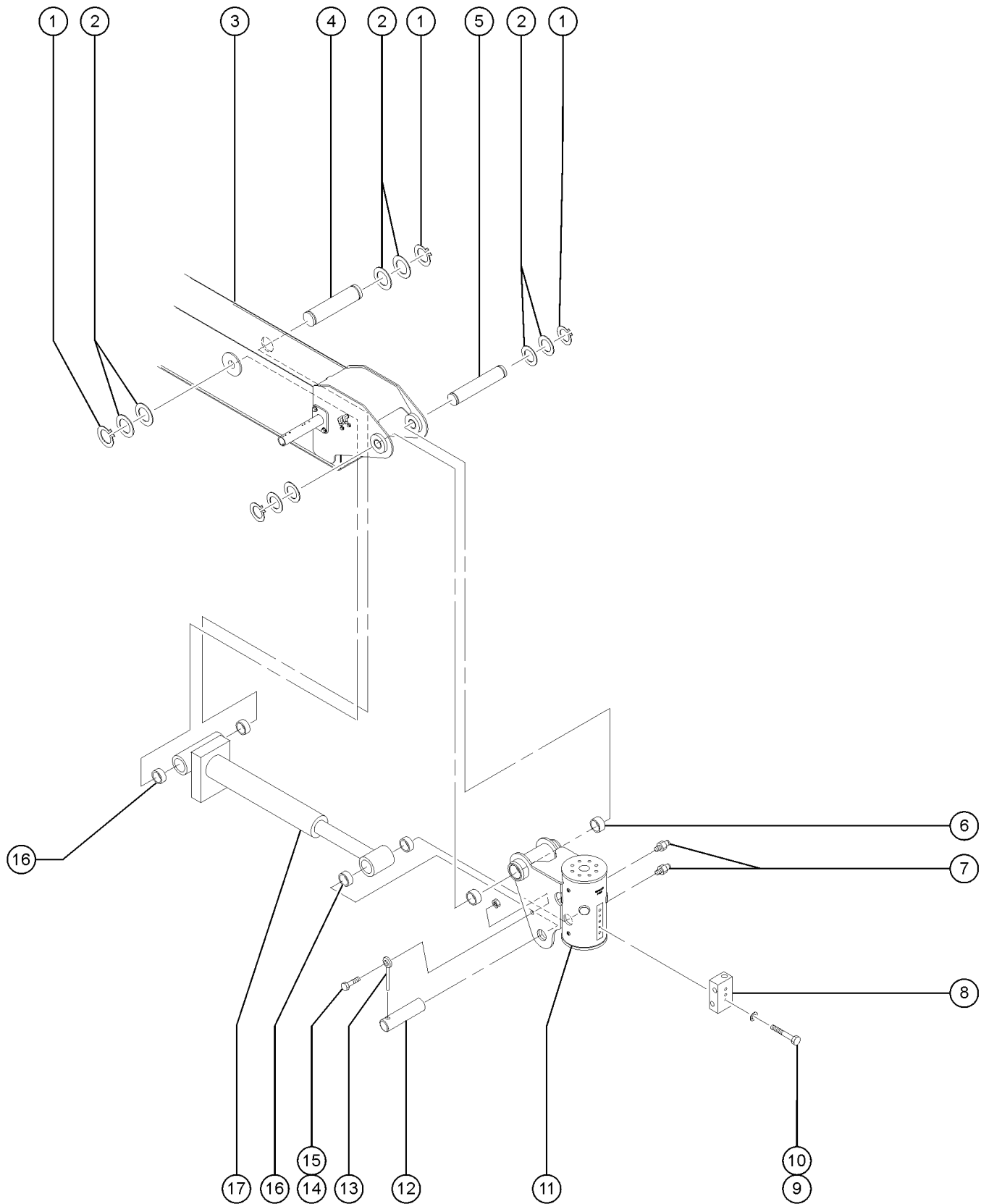
507.1 Boom Link Assembly - View 2



507.1 Boom Link Assembly - View 2

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	825760	SNAP RING,EXTERNAL,2.50,ZAG.....	6	26	121819	FORMING,CABLE SUPPORT.....	1
2	29746	WASHER,FLAT,2.5 X 4 X .062.....	6	27	121820	FORMING,CABLE COVER.....	1
3	121388	PIN,2.50DIA X 24.50,2RINGS,TAPER.1		28	T107193	HARN,LS OP PRI VEL LST3O.....	1
4	121387	PIN, 2.500DIA X 8.25.....	2			(Refer to 312.1 or 313.1); from SN 8500	
5	121399	BEARING, 2.750OD X 2.500ID X 1.25LG.....	4	--	110771-13107	SWITCH,LIMIT,W/RLLR ARM,NO/NC from SN 8500	
6	94980	SENSOR,DUAL OUTPUT,ANGLE...1 (Calibration required after replacement)		29	T107194	HARN,LS SAFETY PRI VEL LST3S.....	1
7	121499	HARN,LS,SPD REDUCT S80.85 2008.....	1			S-80X only. When replacing, customer must calibrate Angle Sensor item 6 (94980). (Refer to 312.1); from sn 8500	
--	110771-121C7	LIMIT SW,TAB,BLUE METAL to SN 8499		--	110771-11117	SWITCH,LIMIT,W/RLLR ARM,NO/NC from SN 8500	
8	121391	INJECTION, ANGLE SENSOR MOUNT BRKT.....	1				
9	121469	HARN,LS,BOOM ANGLE S80/85 2008.....	1				
--	110771-141C7	LIMIT SW.TAB,BLUE METAL					
10	121421	NUT,FLG,1/4-20.....	2				
11	121420	SCREW,HHF,1/4-20 X 1.000.....	11				
12	6178	NUT,NYLOCK,10-32.....	6				
13	51063	SCREW,PHILLIPS,RHM,10-32 X 1.5.....	6				
14	101599	KEY,BALL POINT HEX.....	1				
15	75051	SCREW,SER FLNG3/8UNCX3/4ZNYEL.....	2				
16	121650	INJECTION, 10 DEGREE LIMIT CAM.....	1				
17	121651	INJECTION, 65 DEGREE LIMIT CAM.....	1				
		to SN 8499					
18	50742	PIN,1.25DIA X 3.75LG,1HOLE.....	2				
19	49857	SCREW,HHC,3/8-16 X .88,GRD 8...2					
20	6021	WASHER,LOCK,.375.....	2				
21	25284	ROD END,.375 X 2.25***.....	2				
22	50560	BEARING,1.25ID X 1.50OD X 1.50L...2					
23	121865	LIMIT SW COVER.....	1				
24	121822	WELDMENT,CABLE GUIDE.....	1				
25	56912	SPRING CLIP,1/4-20,.025-.15X.5.....	9				

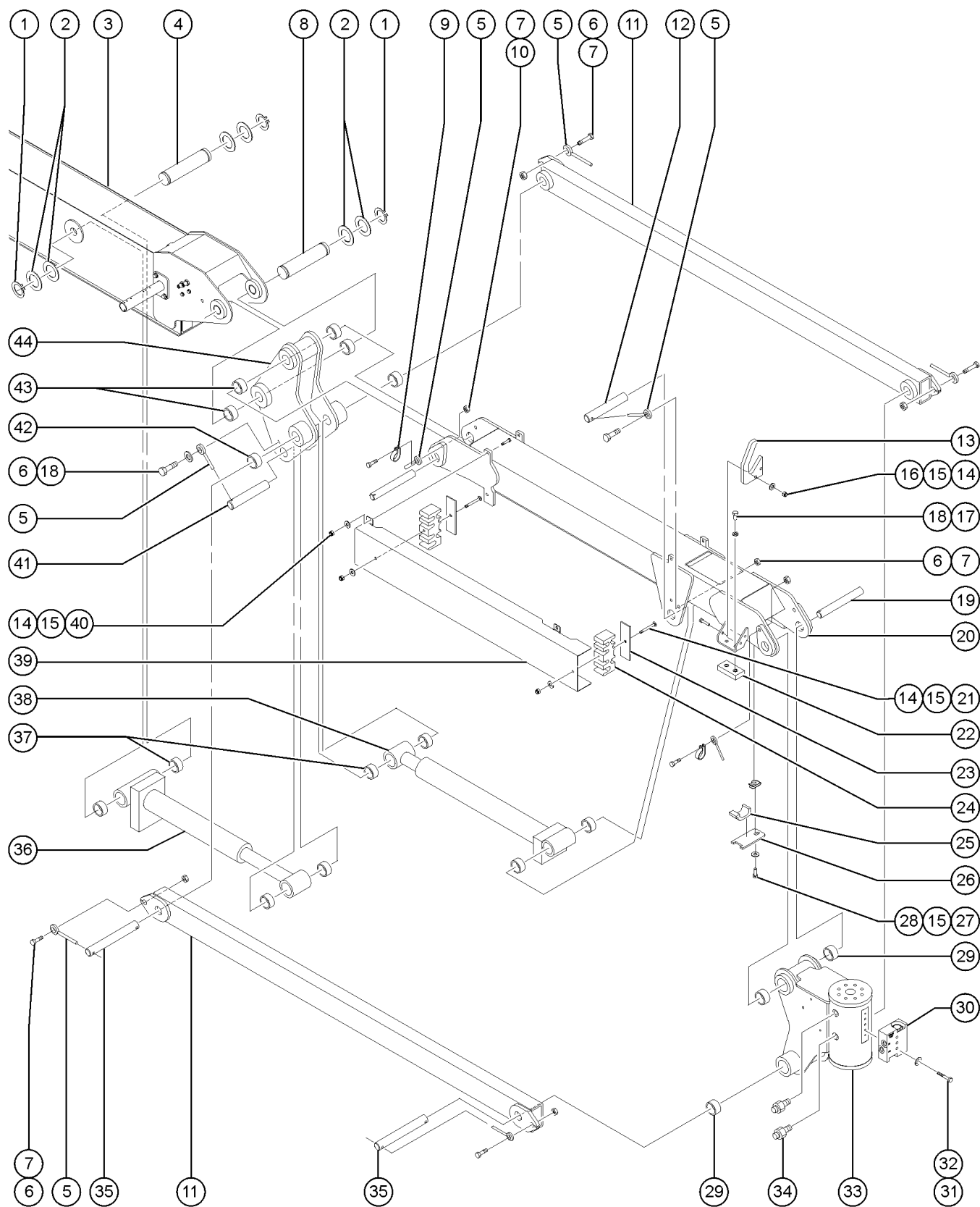
508.1 Platform Rotator, S-80X and S-80



508.1 Platform Rotator, S-80X and S-80

Item	Part No.	Description	Qty.
--	61283	SLEAVING,PARKER TEK,2.00".....24-inches	
1	824164	SNAP RING,EXTERNAL,1.25,ZAG.....4	
2	30255	WASHER,SHIM,1.27 X 2.13 X .062	
3		Ref., BOOM TUBE 3 <i>Refer to 504.1</i>	
4	88345	PIN,1.25DIAX8.26LG,2RING.....1	
5	121035	PIN,1.250 X 9.25, 2 RINGS.....1 <i>to SN 8360</i>	
--	147485	PIN,1.250 X 10.125, 2 RINGS <i>from SN 8361</i>	
6	30370	BEARING,1.25IDX1.5ODX1.00L.....2	
7	88516	SCREW,BLEEDER,M5X0.8	
8		Ref., ROTATOR MANIFOLD <i>Refer to 704.1</i>	
9	6145	SCREW,HHC,1/4-20 X 1.5	
10	6356	WASHER,LOCK,,.25	
11	94398	ROTATOR,PLAT,NON-JIB.....1 <i>S-80; to SN 8360</i>	
--	122944	SEAL KIT,8K ROTATOR*** <i>Use with rotator 94398 and 88576</i>	
11A	88576	ROTATOR,HELICAL,PLAT*** <i>S-80; from SN 8361</i>	
--	122944	SEAL KIT,8K ROTATOR*** <i>Use with rotator 94398 and 88576</i>	
11B	226541	ROTATOR,PLATFORM,15K <i>S-80X; from SN 8500</i>	
--	147370	SEAL KIT,15K ROTATOR <i>Use with rotator 107836; from SN 8500</i>	
--	226542	SEAL KIT, 15K ROTATOR <i>Use with rotator 226541; from SN 8500</i>	
12	45226	ROD END,.375 X 3.69.....2	
13	T108075	PIN,1.25DIAX5.25LG,1HOLE.....1	
14	8516	SCREW,HHC,3/8-16 X 1.50,GR5	
15	4828	NUT,NYLOCK,3/8-16	
16	25683	BEARING,POLYGON,20DU12.....4	
17	121234	Cylinder, level.....1 <i>(Includes item 16)</i>	
--	237237	SEAL KIT,CYL (121234)	
--	77303	VALVE,CNTRBAL 3500PSI,ATM VEN	
--	43018	SEAL KIT (39345) <i>Use with valve 77303</i>	

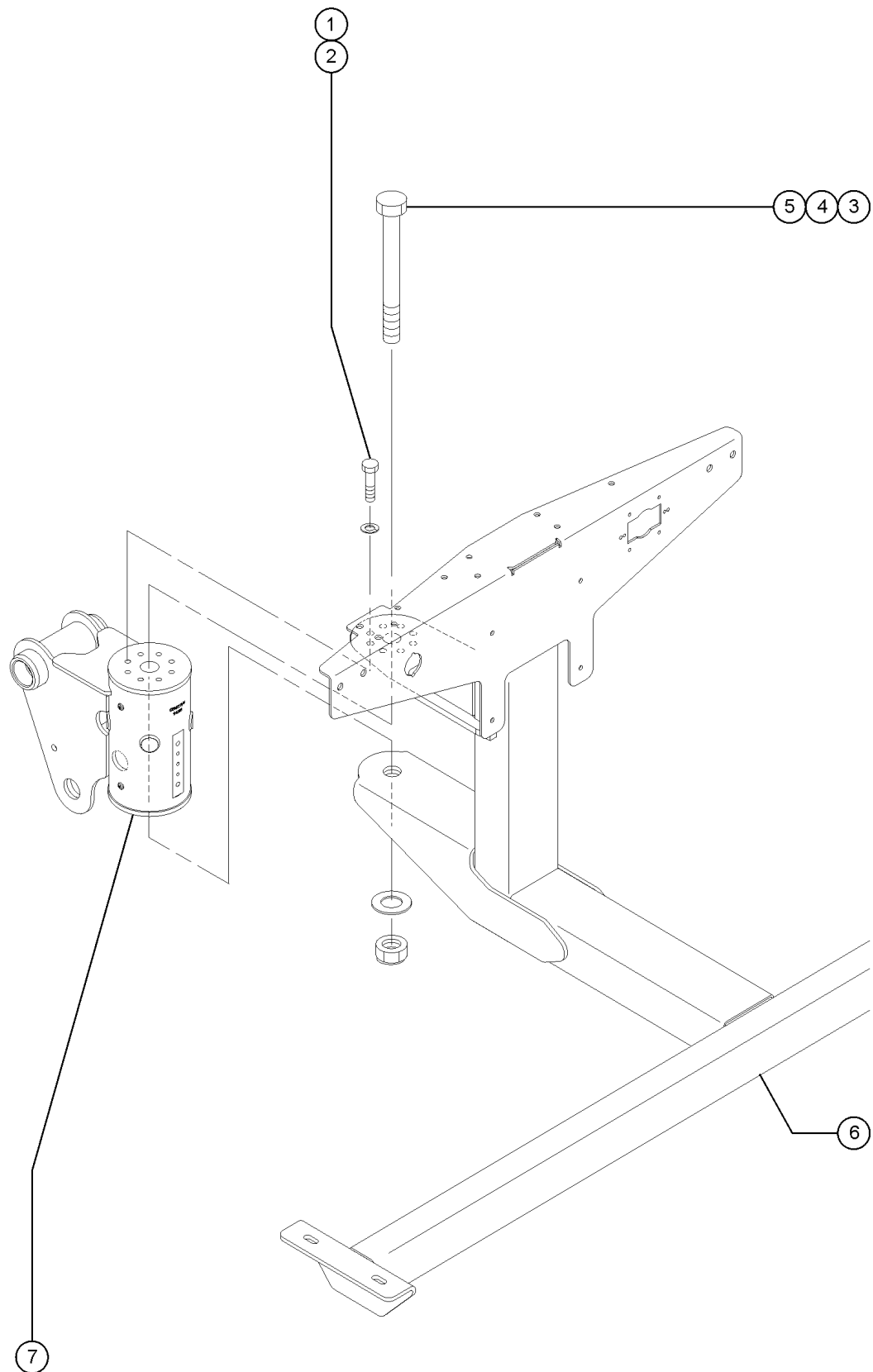
509.1 Jib Boom and Platform Rotator, S-85



509.1 Jib Boom and Platform Rotator, S-85

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	61283	SLEAVING,PARKER TEK,2.00".....24-inches		30	Ref.	MANIFOLD (Refer to 703.1)	
1	824164	SNAP RING,EXTERNAL,1.25,ZAG.....4		31	6145	SCREW,HHC,1/4-20 X 1.5	
2	30255	WASHER,SHIM,1.27 X 2.13 X .062		32	6638	WASHER,FLAT,USS,1/4"Y	
3		Ref., BOOM TUBE 3 (Refer to 504.1)		33	94397	ROTATOR,PLAT JIB,160 DEG***.....1	
4	88345	PIN,1.25DIAX8.26LG,2RING.....1		--	122944	SEAL KIT,8K ROTATOR***	
5	45226	ROD END,,375 X 3.69.....9		--	75395	BEARING KIT,PLAT ROTATOR,SUPER	
6	8516	SCREW,HHC,3/8-16 X 1.50,GR5		--	88516	SCREW,BLEEDER,M5X0.8	
7	4828	NUT,NYLOCK,3/8-16		34	88516	SCREW,BLEEDER,M5X0.8.....2	
8	121035	PIN,1.250 X 9.25, 2 RINGS.....1 to SN 8360		35	81175	PIN,1.25DIAX14.45LG,2HOLE	
--	147485	PIN,1.250 X 10.125, 2 RINGS from SN 8361		36	121234	Cylinder, level.....1 (Includes item 37)	
9	77181	CLAMP,1.63,#26 X 3/8,RUB CUSH.....2		--	237237	SEAL KIT,CYL (121234)	
10	5224	SCREW,HHC,3/8-16 X 2		--	43018	SEAL KIT (39345) Use with valve 77303	
11	61306-S	COMPR.LINK,MACHINED,GND CONTR*.....2		--	77303	VALVE,CNTRBAL 3500PSI,ATM VEN	
12	T108077	PIN,1.25DIAX7.00LG,1HOLE.....1		37	25683	BEARING,POLYGON,20DU12	
13	128482	HOSE GUIDE, JIB.....1		38	63213	CYLINDER,JIB (STICK BOOMS).....1 (Includes item 37)	
14	6091	NUT,NYLOCK,1/4-20		--	33428	VALVE,COUNTERBALANCE	
15	6638	WASHER,FLAT,USS,1/4"Y		--	43018	SEAL KIT (39345)	
16	8915	SCREW,HHC,1/4-20 X 1.25		--	63353	SEAL KIT,CYL,S65 (63213)	
17	8255	SCREW,HHC,3/8-16 X .75		39	128454P	COVER, JIB HOSES/CABLES.....1	
18	6021	WASHER,LOCK,,375		40	79456	BOLT,CARRIAGE,1/4-20 X 1.00,G2	
19	T108076	PIN,1.25DIAX7.88LG,1HOLE.....2		41	T108075	PIN,1.25DIAX5.25LG,1HOLE.....1	
20	128450	MACHINING, JIB BOOM WELDMENT**		42	128268	BEARING,FL, 1.25X1.5X2.13.....2	
21	128724	BOLT,CARRIAGE,1/4-20 X 2.75,G2		43	75627	BEARING,1.25 X 1.5 X 2.....4 to SN 8360	
22	81640	WEAR PAD,3 X 1.5 X.625 W/NUTS.....2		--	35675	BEARING,FL,1.25IDX1.5ODX1.25L from SN 8361	
23	128483	BACKING PLATE, HOSE BLOCK, JIB.....2		44	89801	BELLCRANK ASSY W/BEARINGS.....1 (Includes items 42 and 43); to SN 8360	
24	121857	CLAMP,JIB HOSE/CABLE.....2		--	101244	BELLCRANK W/BEARINGS(S60) (Includes items 42 and 43); from SN 8361	
25	119542	CLAMP,TWO HOSE.....1					
26	119536	BRACKET,HOSE CLAMP.....1					
27	6090	SCREW,HHC,1/4-20 X .75					
28	56912	SPRING CLIP,1/4-20,.025-.15X.5.....1					
29	30370	BEARING,1.25IDX1.5ODX1.00L.....4 to SN 8256					
--	30222	BEARING,FL,1.25IDX1.41ODX1.50L from SN 8257					

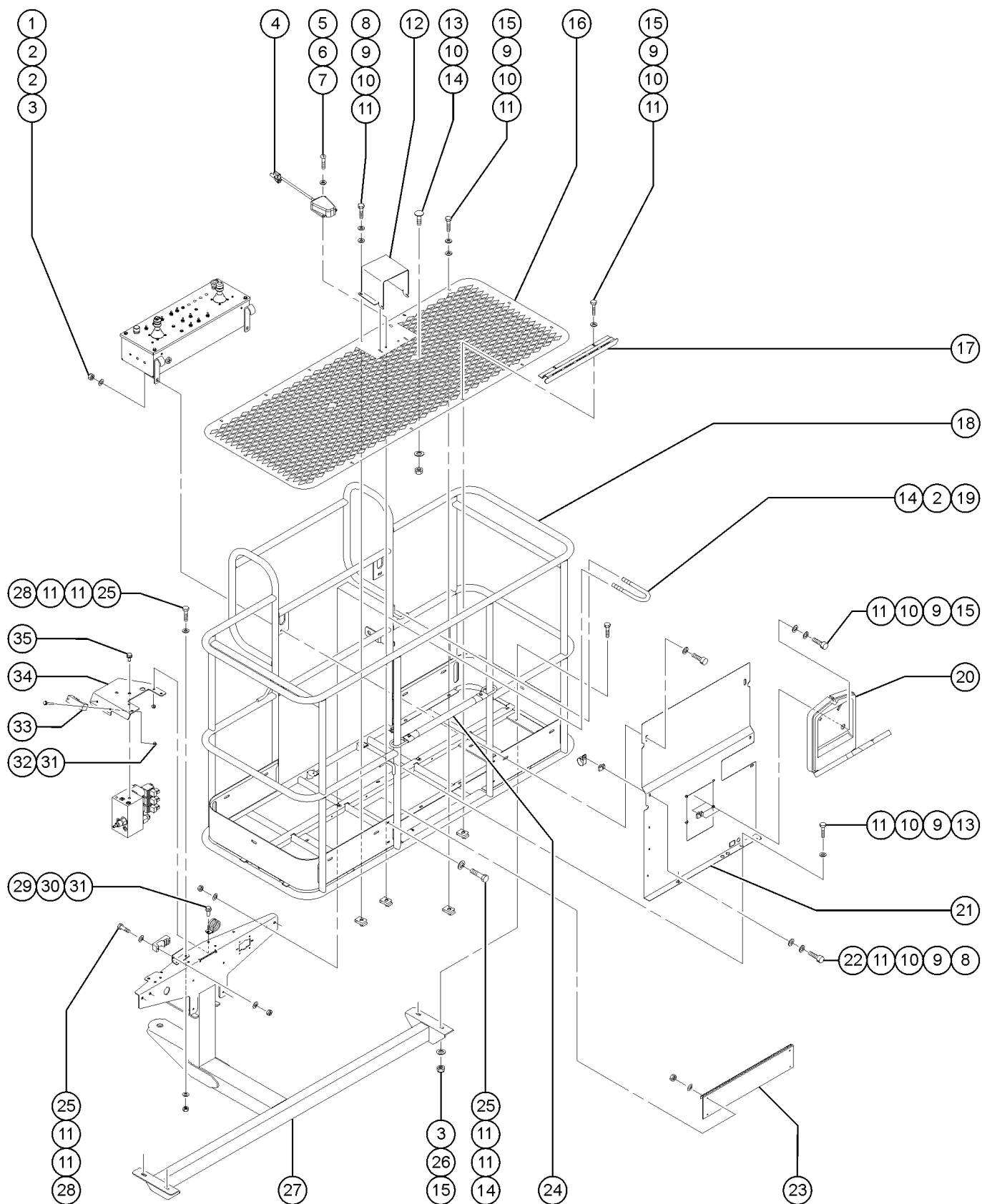
510.1 Platform Installation



510.1 Platform Installation

Item	Part No.	Description	Qty.
1	49857	SCREW,HHC,3/8-16 X .88,GRD 8...8	
--	111389	SCREW,HHC,1/2-13 X 1, GR 8 <i>Only for S-80X ANSI, from SN 8500</i>	
2	57201	WASHER,FLAT, 313, HARDENED.....8	
--	13066	WASHER,FLAT,.5 HARDENED <i>Only for S-80X ANSI, from SN 8500</i>	
3	73928	SCREW,HHC,1-8 X 11,GRD 5***.....1	
--	74255	SCREW,HHC,1-8 X 12.75 <i>Only for S-80X ANSI, from SN 8500</i>	
4	122079	WASHER,FLAT,1.000,HARDENED..1	
5	29764	NUT,NYLOCK,1-8	
6	REF.	PLATFORM MOUNT <i>(Refer to 601.1)</i>	
7	REF.	PLATFORM ROTATOR <i>(Refer to 508.1 or 509.1)</i>	

601.1 Platform Installation



601.1 Platform Installation

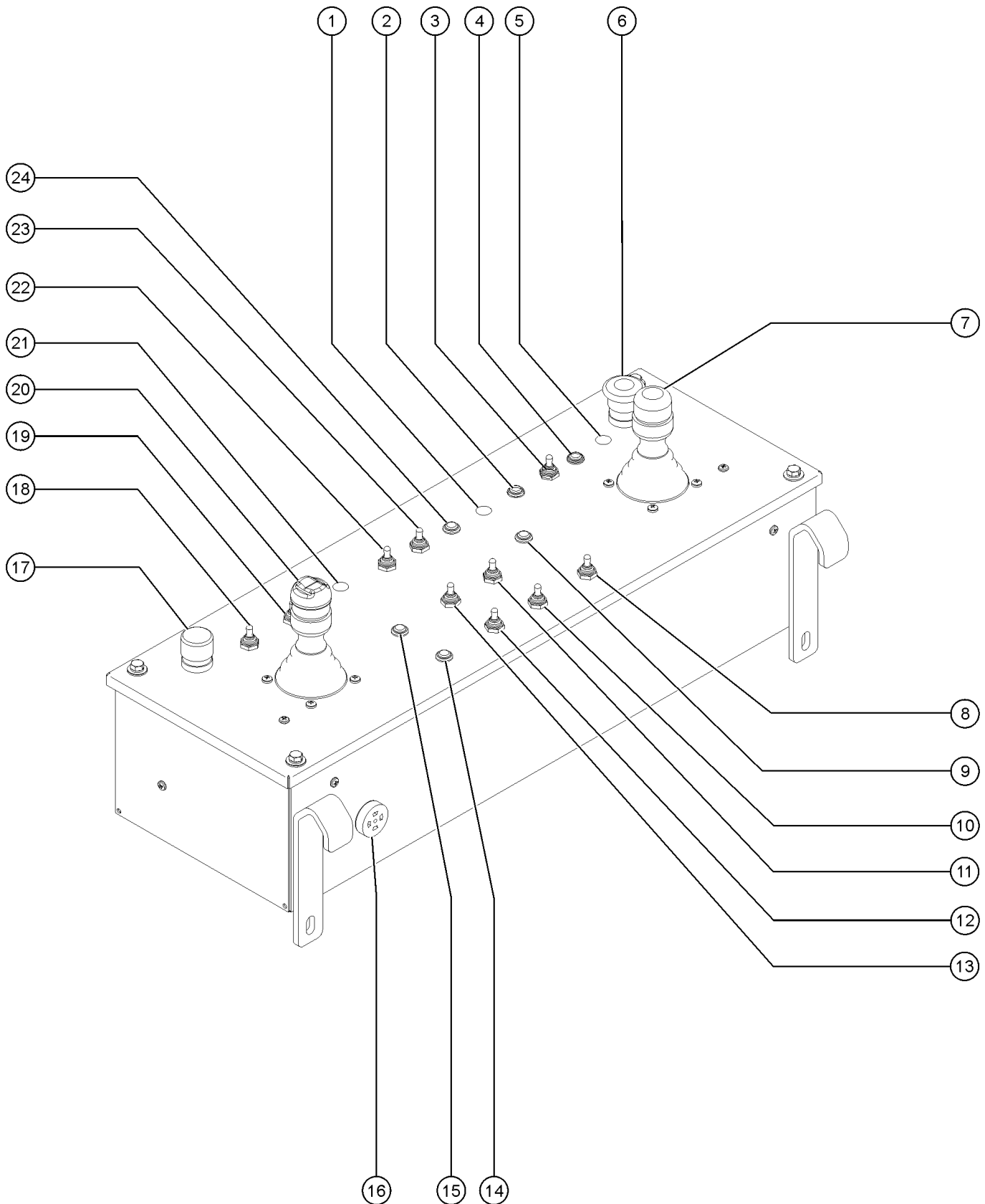
Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	122800	PLATFORM ASSEMBLY,4FT USA/CAN <i>(Word decals) USA and Canadian models</i>		4	228466	KIT, FOOTSWITCH, S40/S60/S80...1 <i>Pervious foot switch is no longer available. Order kit 228466 for first time replacement (kit includes foot switch 227516); to sn 8891</i>	
--	122801	PLATFORM ASSEMBLY,5FT USA/CAN <i>(Word decals) USA and Canadian models</i>		--	227516	ASSEMBLY,FOOT SWITCH from SN 8892	
--	122802	PLATFORM ASSEMBLY,6FT USA/CAN <i>(Word decals) USA and Canadian models</i>		5	73587	SCREW,PHIL,10-24 X .75	
--	122803	PLATFORM ASSEMBLY,8FT USA/CAN <i>(Word decals) USA and Canadian models</i>		6	6607	WASHER,LOCK,#10 PLTD	
--	122804	PLAT ASSEMBLY,4FT, AUSTRALIA <i>(Word decals) Australian models</i>		7	73575	SPRING CLIP,10-24,ZINC	
--	122805	PLAT ASSEMBLY,5FT, AUSTRALIA <i>(Word decals) Australian models</i>		8	6888	SCREW,HHC,1/4-20 X 1	
--	122806	PLAT ASSEMBLY,6FT, AUSTRALIA <i>(Word decals) Australian models</i>		9	6356	WASHER,LOCK,.25	
--	122807	PLAT ASSEMBLY,8FT, AUSTRALIA <i>(Word decals) Australian models</i>		10	6638	WASHER,FLAT,USS,1/4"Y	
--	102547	PLAT.ASSY,4FT,S80 EUROPEAN <i>(Symbol decals) European models</i>		11	56912	SPRING CLIP,1/4-20,.025-.15X.5	
--	102548	PLAT.ASSY,5FT,S80 EUROPEAN <i>(Symbol decals) European models</i>		12	73931	GUARD,FOOTSWITCH,W/DECAL ALUM.....1 <i>USA/Canada/Australia; from SN 8000 to 8310</i>	
--	102549	PLAT.ASSY,6FT,S80 EUROPEAN <i>(Symbol decals) European models</i>		--	147221	GUARD,FOOTSWITCH,W/DECAL ALUM <i>USA/Canada/Australia; from SN 8311</i>	
--	102550	PLAT.ASSY,8FT,S80 EUROPEAN <i>(Symbol decals) European models</i>		--	63766	COVER,FOOT SWITCH <i>Europe/Asia/South America; from SN 8000 to 8310</i>	
--	102551	PLAT.ASSY,4FT,S80 ASIA/S.AMERI <i>(Symbol decals) Asia and South American models</i>		--	147121	COVER, FOOT SWITCH, LARGE <i>Europe/Asia/South America; from SN 8311</i>	
--	102552	PLAT.ASSY,5FT,S80 ASIA/S.AMERI <i>(Symbol decals) Asia and South American models</i>		13	54274	SCREW,STEP BOLT,1/4-20 X .75	
--	102553	PLAT.ASSY,6FT,S80 ASIA/S.AMERI <i>(Symbol decals) Asia and South American models</i>		14	4828	NUT,NYLOCK,3/8-16	
--	102554	PLAT.ASSY,8FT,S80 ASIA/S.AMERI <i>(Symbol decals) Asia and South American models</i>		15	6090	SCREW,HHC,1/4-20 X .75	
1	7713	NUT,LP NYLOCK,3/8-16		16	60160P	FLOORING,4 FT PLATFORM,PAINTED.....1	
2	5397	WASHER,FLAT,USS,5/16",Y		--	54247P	FLOORING,5 FT PLATFORM,PAINTED	
3	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5		--	73477P	FLOORING, 6'FT PLATFORM	
				--	73478P	FLOORING, 8'FT PLATFORM	
				17	73610P-S	STEP PLATFORM ENTRY PAINTED.....1	
				18	111250	PLAT RAILW/DECALS,4FT,500LB AN.....1 <i>USA and Canadian models</i>	
				--	111251	PLAT RAILW/DECALS,5FT,500LB AN <i>USA and Canadian models</i>	
				--	111252	PLAT RAILW/DECALS 6FT 500LB AN <i>USA and Canadian models</i>	

601.1 Platform Installation (continued)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	111253	PLAT RAILW/DECALS 8FT 500 ANSI <i>USA and Canadian models</i>		--	6638	WASHER,FLAT,USS,1/4"Y	
18A	101374	PLAT ASSEMBLY,4FT,AUSTRALIA.....1 <i>Australian models</i>	1	--	6888	SCREW,HHC,1/4-20 X 1	
--	101377	PLAT ASSEMBLY,5FT,AUSTRALIA <i>Australian models</i>		--	97815	DECAL,LABEL,LOWER MIDRAIL	
--	101380	PLAT RAIL ASSY,6FT,AUSTRALIA <i>Australian models</i>		25	6091	NUT,NYLOCK,1/4-20	
--	101383	PLAT RAIL ASSY,8FT,AUSTRALIA <i>Australian models</i>		26	6097	WASHER,FLAT,USS,3/8",Y	
18B	101373	PLATFORM ASSEMBLY,4FT,CE/UK.....1 <i>European models</i>	1	--	147347	WELDMENT, PLAT SUPPORT <i>For S-80X ANSI only, from SN 8500</i>	
--	101376	PLATFORM ASSEMBLY,5FT,CE/UK <i>European models</i>		--	Ref.	WELDMENT,PLATFORM SUPPORT,CE <i>CE models (refer to 821.1)</i>	
--	101379	PLATFORM RAIL ASSY,6FT,CE/UK <i>European models</i>		27A	60370-S	PLATFORM SUPPORT WELDMNT-SERV*.....1 <i>ANSI models</i>	1
--	101382	PLATFORM RAIL ASSY,8FT,CE/UK <i>European models</i>		27B	102679	OPTION,PLAT SUPPORT,4/5FT SRV	
18C	101375	PLAT ASSEMBLY,4FT,ASIA/S AM.....1 <i>Asia and South American models</i>	1	28	6145	SCREW,HHC,1/4-20 X 1.5	
--	101378	PLAT ASSEMBLY,5FT,ASIA/S AM <i>Asia and South American models</i>		29	121419	SCREW,HHF,1/4-20 X .75	
--	101381	PLAT ASSEMBLY,6FT,ASIA/S AM <i>Asia and South American models</i>		30	13268	CLAMP,0.75,#12 X 1/4,RUB CUSH.....1	1
--	101384	PLAT ASSEMBLY,8FT,ASIA/S AM <i>Asia and South American models</i>		31	121421	NUT,FLG,1/4-20	
19	6550	U-BOLT,3/8 X 1 YZ		32	121067	SCREW,HHC,FLG,1/4-20 X 2.00	
20	44743	MANUAL BOX W/DECALS***.....1	1	33	121582	CLAMP, CABLE STRAIN RELIEF....1	1
--	24514	BOX,INSTRUCTION STORAGE		--	T115766	CLAMP,STRAIN RELIEF,WK LT <i>(Worklight option)</i>	
21	122832	DECAL PLATE W/WORD DECALS80/85.....1	1	34	121766	FORMING, PLATFORM MANIFOLD MT	
--	102538	DECAL PLATE W/SYM DECAL S80Z80		35	121763	SCREW,HHF,3/8-16X.75	
22	56424	CLAMP,1.25X.5 RUBBER-CUSHION					
23	94745P	TOEBOARD,ENTRY EUROPEAN PNTD**.....1	1				
24	102992	SLIDING MIDRAIL KIT,PTD.....1	1				
--	12443	MIDRAIL GUIDE (HOOK)					
--	139451	TUBE,SLIDING MIDRAIL,PAINTED					
--	20973	WIRE LOOM,3/8 POLY SLIT					
--	21121	CABLE TIE,4" BLK,HEAT RESISTNT					
--	6091	NUT,NYLOCK,1/4-20					

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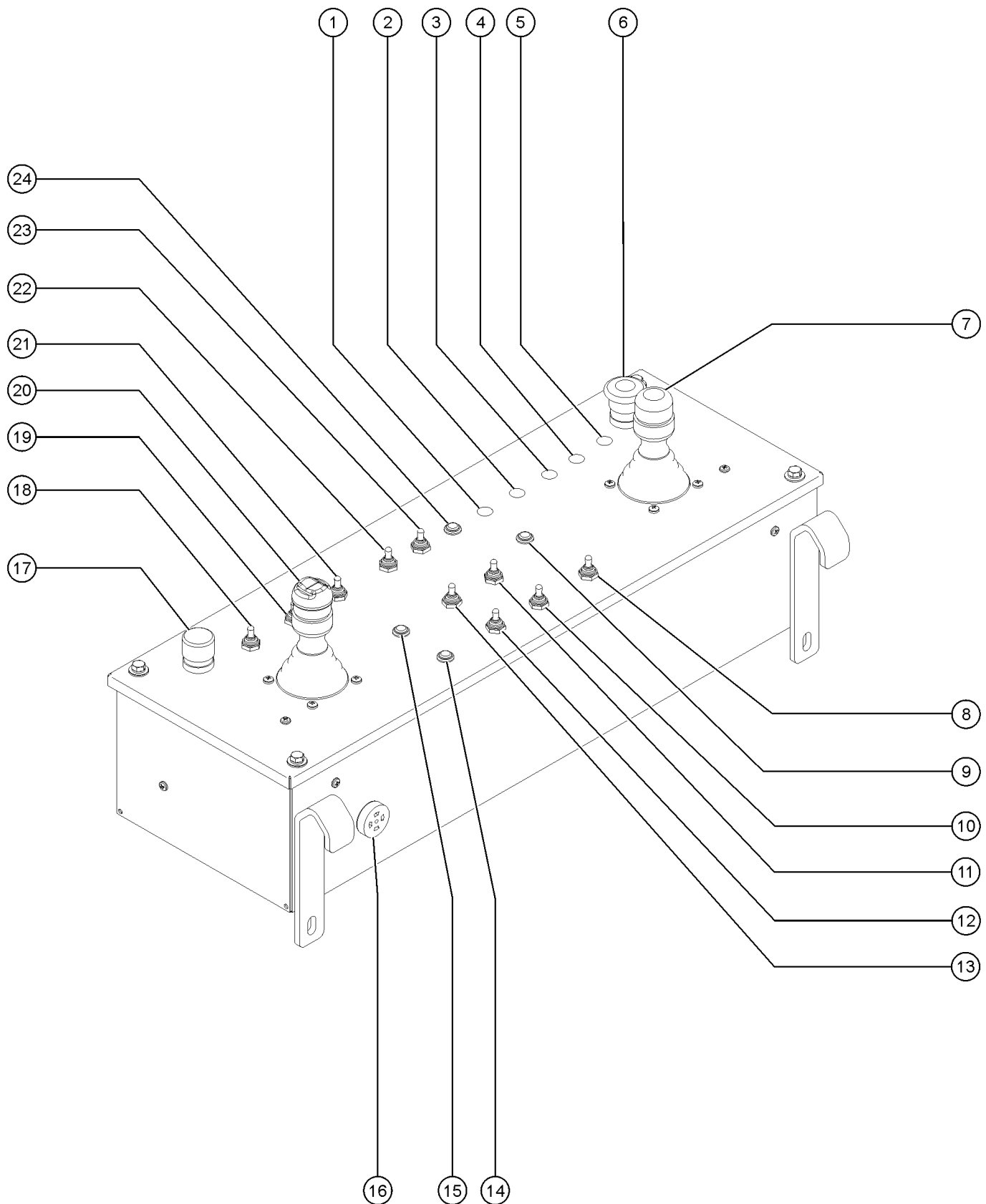
602.1 Platform Controls, S-80X and S80



602.1 Platform Controls, S-80X and S80

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	229567	PLUG, SANTOPRENE .5 BLACK DOME.....1 (Deutz TD 2.9L4)	1	--	825018	LIGHT,AMBER 12V INCANDESCENT (Deutz TD 2.9L4 and Perkins 404F-22T models)	
--	128204	SWITCH TOGGLE ASSY SPDT 2P MNT (Generator option)		12	128204	SWITCH TOGGLE ASSY SPDT 2P MNT.....1 (GAS/LP ONLY)	1
--	824879	LIGHT,LED IND. RED 12V NH (Perkins 404F-22T models)		--	229567	PLUG, SANTOPRENE .5 BLACK DOME (Deutz TD 2.9L4)	
2A	824880	LIGHT,LED IND. AMBER 12V NH....1 (Upper capacity range) (S-80X)	1	--	824879	LIGHT,LED IND. RED 12V NH (Perkins 404F-22T models)	
--	824880	LIGHT,LED IND. AMBER 12V NH		13	128200	SWITCH TOGGLE ASSY SPDT 3P MOM.....1 (ENGINE START)	1
2B	229567	PLUG, SANTOPRENE .5 BLACK DOME (S-80, S-85)		14	824879	LIGHT,LED IND. RED 12V NH.....1	1
3A	128200	SWITCH TOGGLE ASSY SPDT 3P MOM.....1 (Capacity range select) (S-80X)	1	15	824879	LIGHT,LED IND. RED 12V NH.....1	1
--	128580	SWITCH TOGGLE SPDT 3P MOM SHDR		16	45383	ALARM,WARBLE TONE 5-30 VDC***1 Does not include 72326 nut	1
3B	229567	PLUG, SANTOPRENE .5 BLACK DOME.....1 (S-80, S-85)	1	--	72326	NUT - PLASTIC,RING FOR ALARMS	
4A	824880	LIGHT,LED IND. AMBER 12V NH....1 (Lower capacity range) (S-80X)	1	17	66813	BUTTON,PUSH,BLACK W/SEAL ***1 (Horn)	1
--	824879	LIGHT,LED IND. RED 12V NH		18	128200	SWITCH TOGGLE ASSY SPDT 3P MOM.....1 (Platform level up/down)	1
4B	229567	PLUG, SANTOPRENE .5 BLACK DOME.....1 (S-80, S-85)	1	19	128200	SWITCH TOGGLE ASSY SPDT 3P MOM.....1 (Platform rotate)	1
5	229567	PLUG, SANTOPRENE .5 BLACK DOME.....1	1	20	REF.	JOYSTICK.....1 (Refer to 606.1)	1
6	66812	BUTTON,PUSH,RED MUSHROOM HEAD.....1	1	21	229567	PLUG, SANTOPRENE .5 BLACK DOME.....1	1
--	146478	BOOT(BELLOWS),E-STOP,BLACK from SN 8500		22	128204	SWITCH TOGGLE ASSY SPDT 2P MNT.....1 (Drive speed select)	1
7	REF.	JOYSTICK.....1 (Refer to 606.1)	1	23	128201	SWITCH TOGGLE ASSY DPDT 2P MOM.....1 (Auxiliary power)	1
8	128200	SWITCH TOGGLE ASSY SPDT 3P MOM.....1 (Drive enable)	1	24	824879	LIGHT,LED IND. RED 12V NH.....1 (Complete LED light assembly)	1
9	824879	LIGHT,LED IND. RED 12V NH.....1	1	--	229567	PLUG, SANTOPRENE .5 BLACK DOME (Perkins 404F-22T models)	
10	128204	SWITCH TOGGLE ASSY SPDT 2P MNT.....1 (Engine speed slow/fast)	1				
11	229567	PLUG, SANTOPRENE .5 BLACK DOME.....1	1				
--	128200	SWITCH TOGGLE ASSY SPDT 3P MOM (DIESEL ONLY)					

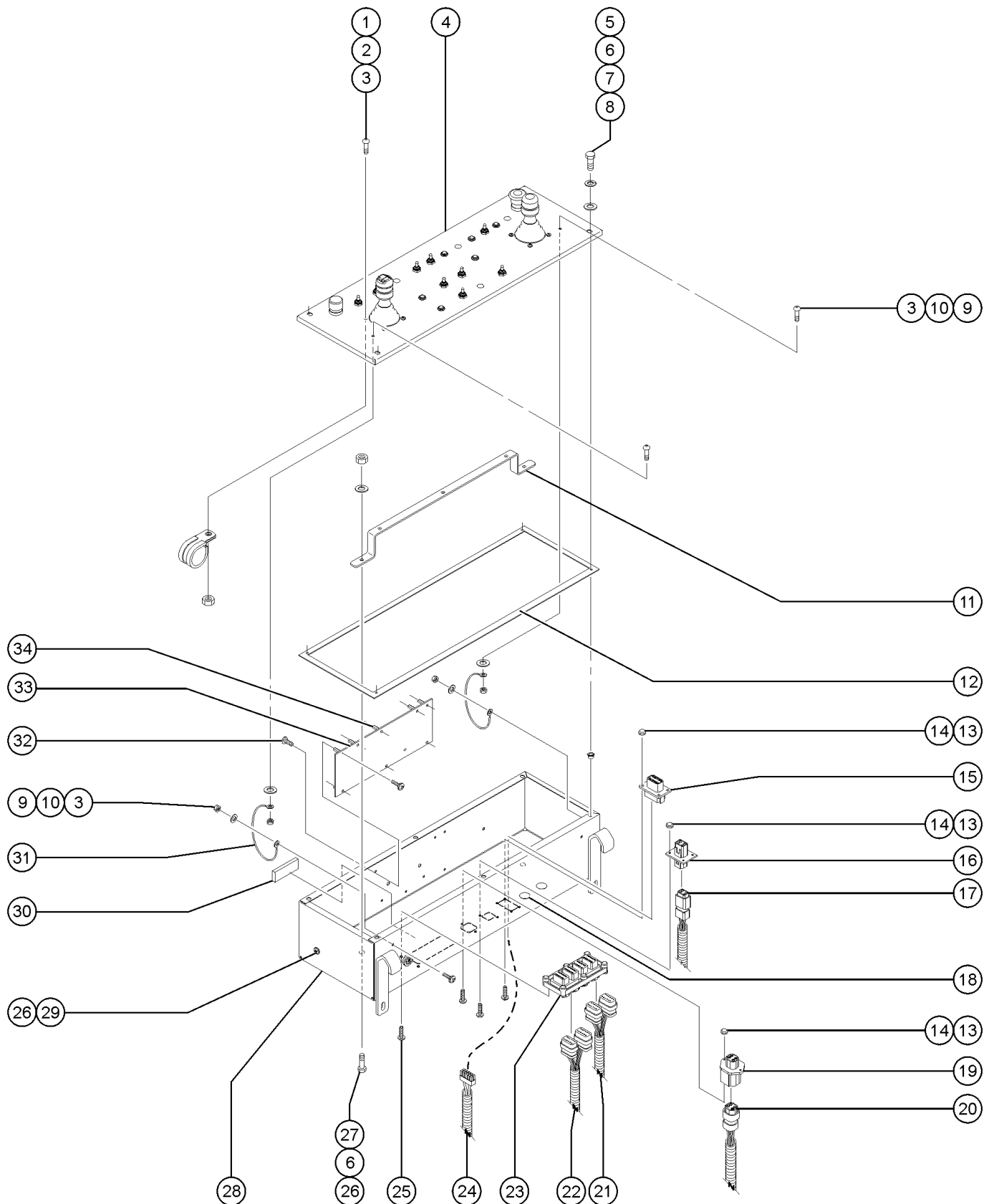
603.1 Platform Controls, S-85



603.1 Platform Controls, S-85

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	229567	PLUG, SANTOPRENE .5 BLACK DOME.....1 (Deutz TD 2.9L4)	1	13	128200	SWITCH TOGGLE ASSY SPDT 3P MOM.....1 (Engine start)	1
--	128204	SWITCH TOGGLE ASSY SPDT 2P MNT (Generator option)		14	824879	LIGHT,LED IND. RED 12V NH.....1 (Complete LED light assembly)	1
--	824879	LIGHT,LED IND. RED 12V NH (Perkins 404F-22T models)		15	824879	LIGHT,LED IND. RED 12V NH.....1 (Complete LED light assembly)	1
2	229567	PLUG, SANTOPRENE .5 BLACK DOME.....1	1	--	824879	LIGHT,LED IND. RED 12V NH	
3	229567	PLUG, SANTOPRENE .5 BLACK DOME.....1	1	16	45383	ALARM,WARBLE TONE 5-30 VDC***.....1 Does not include 72326 nut	1
4	229567	PLUG, SANTOPRENE .5 BLACK DOME.....1	1	--	72326	NUT - PLASTIC,RING FOR ALARMS	
5	229567	PLUG, SANTOPRENE .5 BLACK DOME.....1	1	17	66813	BUTTON,PUSH,BLACK W/SEAL ***.....1 (Horn)	1
6	66812	BUTTON,PUSH,RED MUSHROOM HEAD.....1	1	18	128200	SWITCH TOGGLE ASSY SPDT 3P MOM.....1 (Platform level up/down)	1
--	146478	BOOT(BELLOWS),E-STOP,BLACK from SN 8500		19	128200	SWITCH TOGGLE ASSY SPDT 3P MOM.....1 (Platform rotate)	1
7	REF.	JOYSTICK.....1 (Refer to 606.1)	1	20	REF.	JOYSTICK.....1 (Refer to 606.1)	1
8	128200	SWITCH TOGGLE ASSY SPDT 3P MOM.....1 (Drive enable)	1	21	128200	SWITCH TOGGLE ASSY SPDT 3P MOM.....1 (Jib boom up/down)	1
9	824879	LIGHT,LED IND. RED 12V NH.....1 (Complete LED light assembly)	1	22	128204	SWITCH TOGGLE ASSY SPDT 2P MNT.....1 (Drive speed select)	1
10	128204	SWITCH TOGGLE ASSY SPDT 2P MNT.....1 (Engine speed slow/fast)	1	23	128201	SWITCH TOGGLE ASSY DPDT 2P MOM.....1 (Auxiliary power)	1
11	229567	PLUG, SANTOPRENE .5 BLACK DOME.....1	1	24	824879	LIGHT,LED IND. RED 12V NH.....1 (Complete LED light assembly)	1
--	128200	SWITCH TOGGLE ASSY SPDT 3P MOM (Diesel only)		--	229567	PLUG, SANTOPRENE .5 BLACK DOME (Perkins 404F-22T models)	
--	825018	LIGHT,AMBER 12V INCANDESCENT (Deutz TD 2.9L4 and Perkins 404F-22T models)					
12	128204	SWITCH TOGGLE ASSY SPDT 2P MNT.....1 (GAS/LP ONLY)	1				
--	229567	PLUG, SANTOPRENE .5 BLACK DOME (Deutz TD 2.9L4)					
--	824879	LIGHT,LED IND. RED 12V NH (Perkins 404F-22T models)					

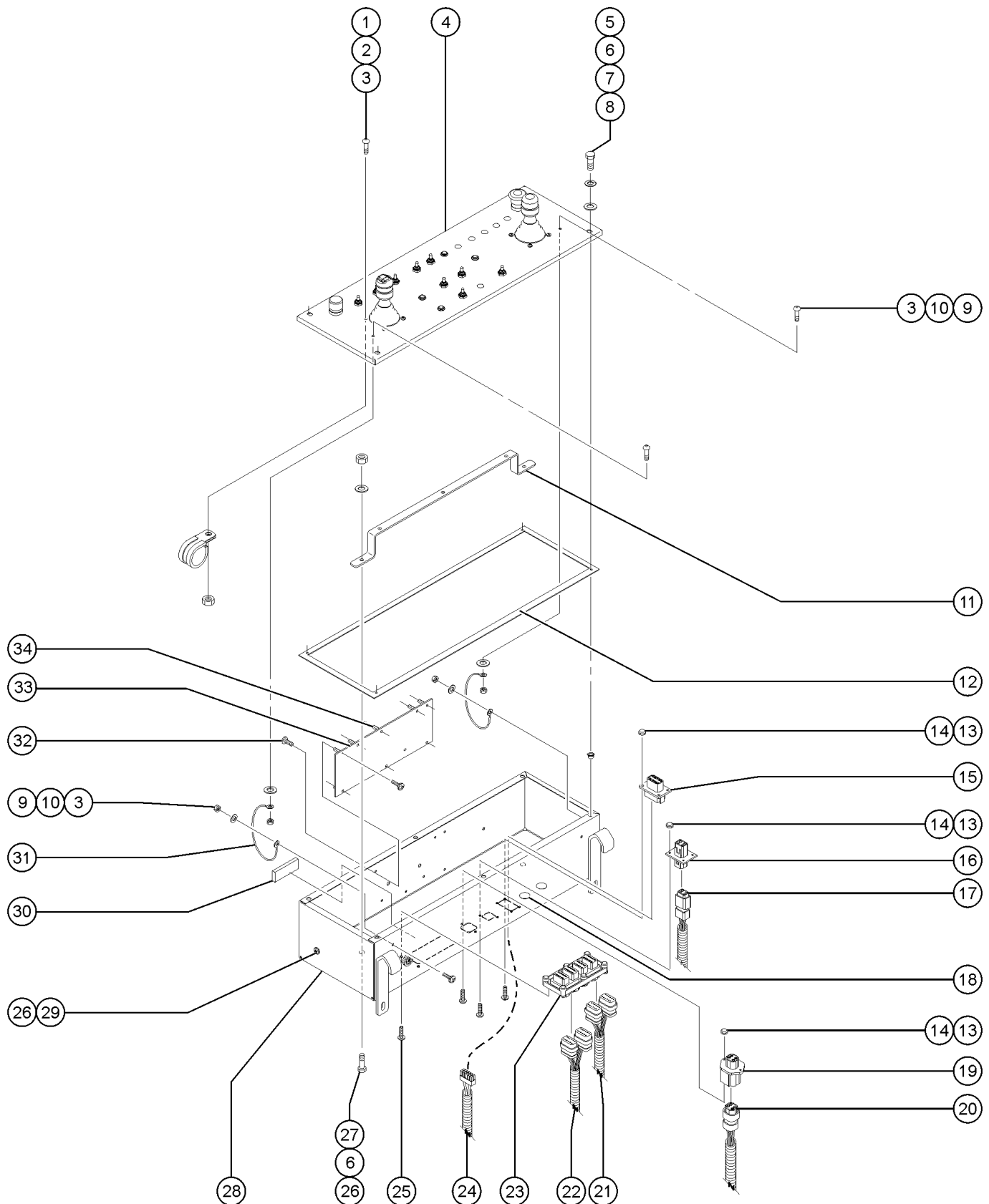
604.1 Platform Control Box, S-80X and S-80



604.1 Platform Control Box, S-80X and S-80

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	121600	ASSY,PBOX,DIESEL,S80/85 2008 <i>Machine model and serial number required when ordering. Please contact Genie Service Parts for assistance</i>		14	12344	NUT,NYLOCK,6-32	
--	121606	ASSY,PBOX,GAS/LP,S80/85 2008 <i>Machine model and serial number required when ordering. Please contact Genie Service Parts for assistance</i>		15	73730	CONN,RECEP 12 WAY,GRY FLANGE.....	1
--	824583	ASSY, PBOX, DEUTZ 2.9T, S80 <i>(Deutz TD 2.9L4 models); Machine model and serial number required when ordering. Please contact Genie Service Parts for assistance; from SN 11346</i>		16	73723	CONN RECEPT,FLANGED.....	1
--	1251637	ASSY, PBOX, PERKINS T4, S80 <i>(Perkins 404F-22T models); Machine model and serial number required when ordering. Please contact Genie Service Parts for assistance; from SN 11649</i>		17	REF.	FOOT SWITCH WIRE HARNESS ASSEMBLY <i>(Refer to 312.1)</i>	
--	111413	JOYSTICK CONNECTOR ASSEM,DEUT		18	15243	PLUG,NYLON .875 BLACK DOMED.....	3
--	111420	OPTION,ROCKER STEER		19	73717	CONN,RECEP 4 WAY,12-14GA FL ***	1
--	REF.	PLATFORM BOX HARNESS <i>(Refer to 312.1)</i>		20	REF.	HARNESS,12V TO PLAT,S80-2008 <i>(Refer to 312.1)</i>	
1	139338	SCREW PH M5-0.8X20 DIN 7500CE.....	8	21	REF.	HARNESS,18/22 BOOM 2,S80-2008 <i>(Refer to 312.1)</i>	
2	18666	CLAMP,1.00,#16 X 1/4,RUB CUSH.....	1	22	REF.	S80 HARNESS BOOM CABLE 1 <i>(Refer to 312.1)</i>	
3	104030	NUT HEX M5-0.8 CLASS 8 ZINC		23	73736	CONN,RECEP 48 WAY,4 X 12.....	1
4	122395	PLAT BOX LID W/ WORD DECAL....	1	24	REF.	HARN,PLAT MANIFOLD,S80 <i>(Refer to 312.1)</i>	
--	122386	PLAT BOX LID W/ SYMBOL DECAL		25	73803	SCREW,SHM,PHP, #12 X .75	
5	6090	SCREW,HHC,1/4-20 X .75		26	77048	SCREW,PHM,10-32X3/4,ST TYPE F	
6	6146	WASHER,FLAT,MS,#10,Y		27	6178	NUT,NYLOCK,10-32.....	1
7	6638	WASHER,FLAT,USS,1/4"Y		28	121720	WELDMENT,PLAT CONT BOX,2008	
8	23404	NUTSERT,1/4-20,STEEL CAD PLTD.....	4	29	6178	NUT,NYLOCK,10-32	
		<i>to SN 8161</i>		30	30997	CORROSION INHIBITOR,FOAM.....	1
9	49819	SCREW,PHILLIPS,PHM,10-32 X .5		31	77351	LANYARD,PLATFORM CONTROL BOX.....	2
10	6146	WASHER,FLAT,MS,#10,Y		32	81551	SCREW,PHIL,PHM,6-32 X 1/4 SS	
11	119644	BRACKET,PBOX WIRE SUPPORT.....	1	33	235322	ASSY,PCB,ALC500-2 S80VP V204.....	1
12	81488	GASKET,PLATFORM CONTROL BOX.....	1			<i>Machine model and serial number required when ordering. Please contact Genie Service Parts for assistance</i>	
13	49820	SCREW,PHILLIPS,PHM,6-32 X .5		34	81550	STANDOFF,6-32 X 3/8L X 1/4 HEX.....	10

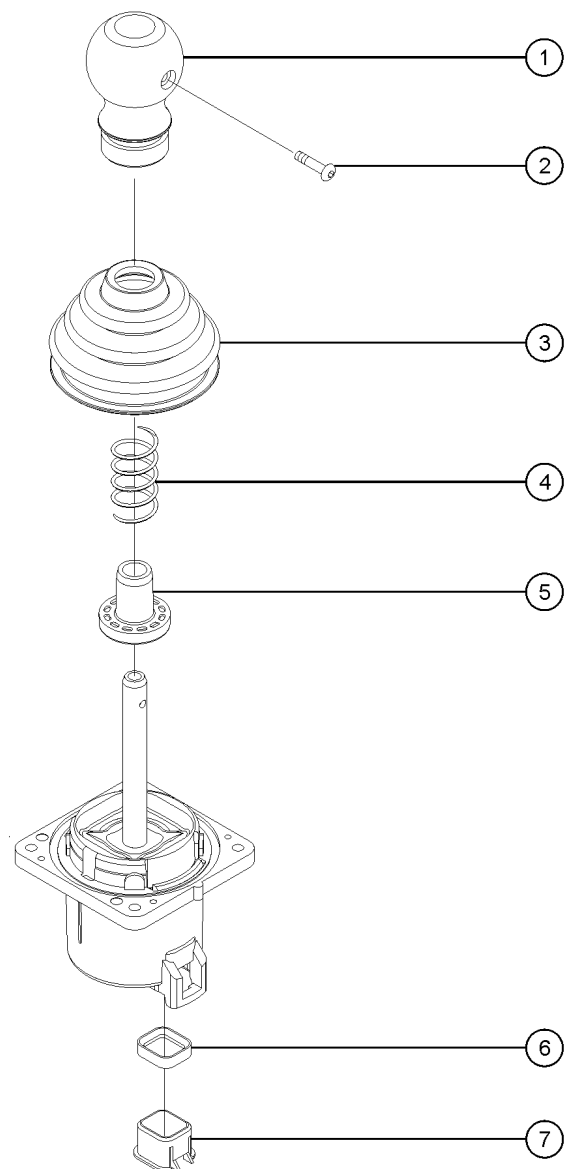
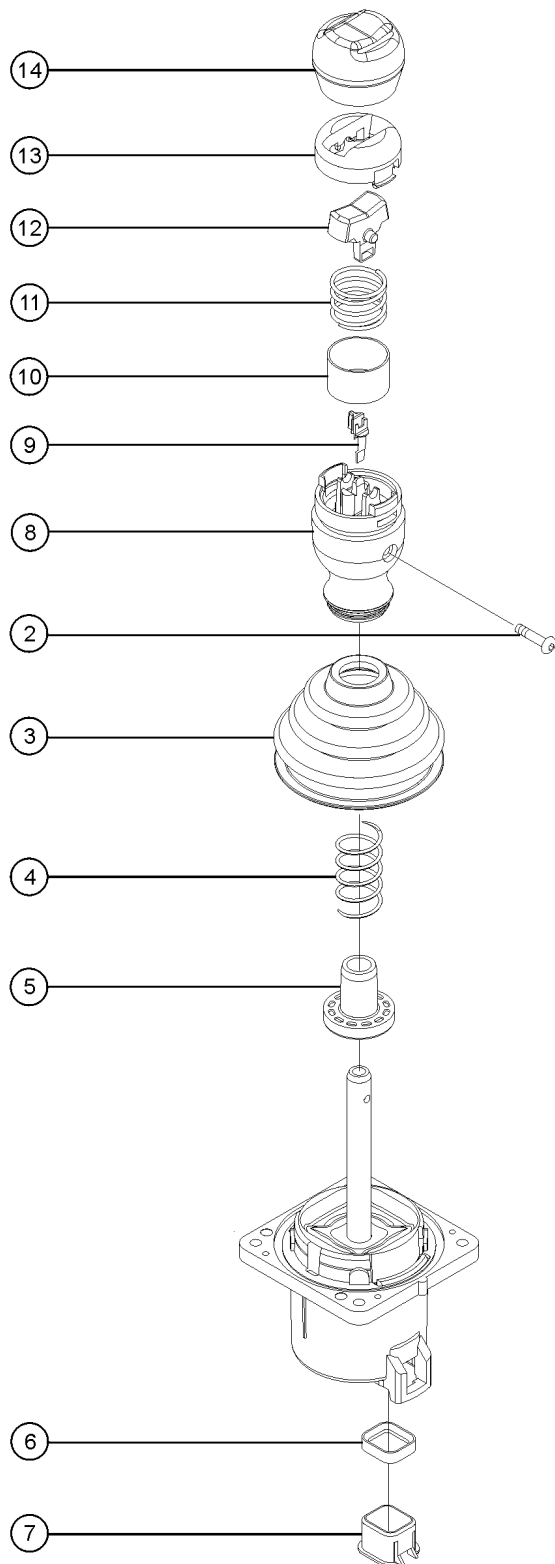
605.1 Platform Control Box, S-85



605.1 Platform Control Box, S-85

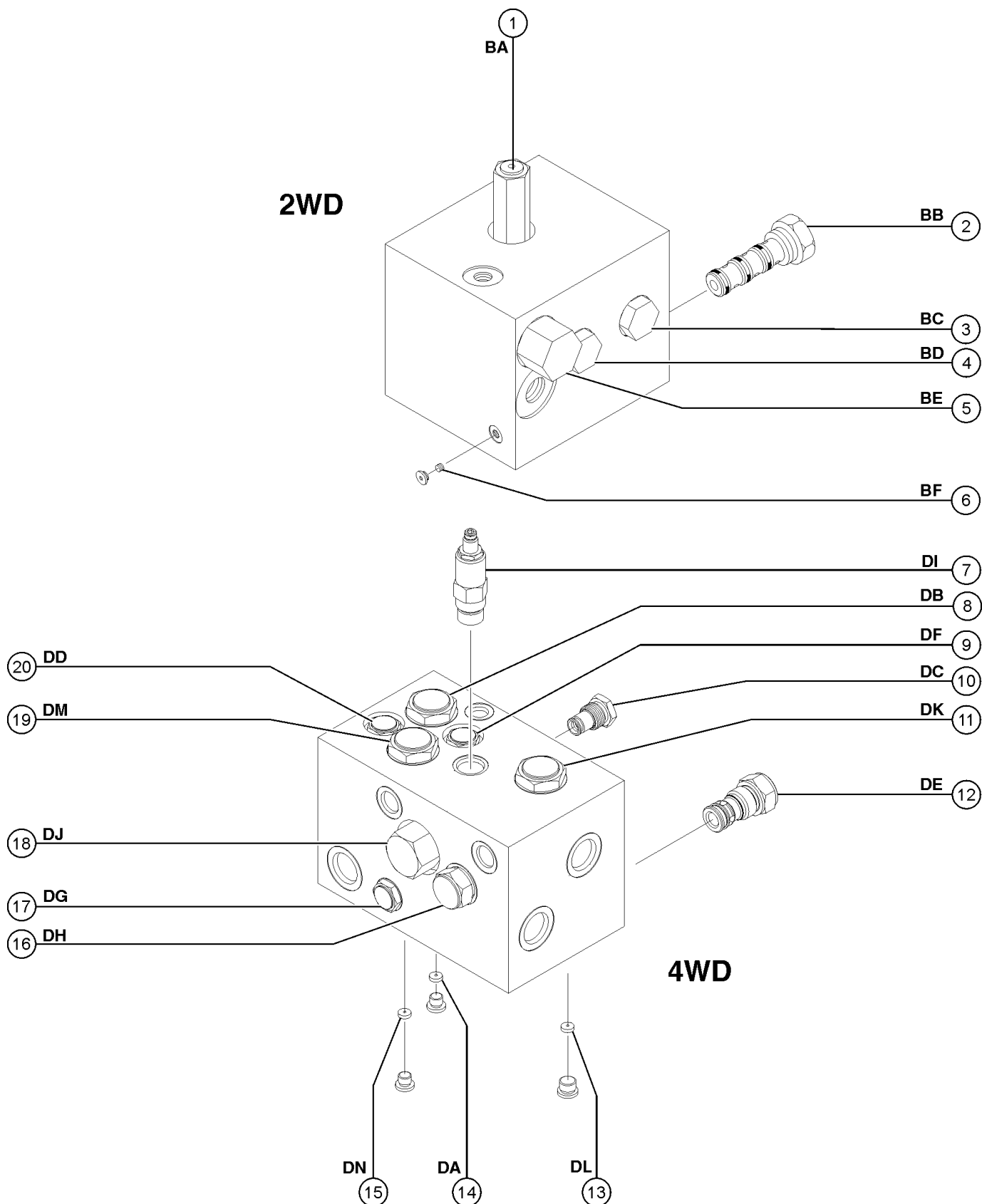
Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	121600	ASSY,PBOX,DIESEL,S80/85 2008 <i>Machine model and serial number required when ordering. Please contact Genie Service Parts for assistance</i>		14	12344	NUT,NYLOCK,6-32	
--	121606	ASSY,PBOX,GAS/LP,S80/85 2008 <i>Machine model and serial number required when ordering. Please contact Genie Service Parts for assistance</i>		15	73730	CONN,RECEP 12 WAY,GRY FLANGE.....	1
--	824583	ASSY, PBOX, DEUTZ 2.9T, S80 <i>(Deutz TD 2.9L4 models); Machine model and serial number required when ordering. Please contact Genie Service Parts for assistance; from SN 11346</i>		16	73723	CONN RECEPT,FLANGED.....	1
--	1251637	ASSY, PBOX, PERKINS T4, S80 <i>(Perkins 404F-22T models); Machine model and serial number required when ordering. Please contact Genie Service Parts for assistance; from SN 11649</i>		17	REF.	FOOT SWITCH WIRE HARNESS ASSEMBLY <i>(Refer to 313.1)</i>	
--	111413	JOYSTICK CONNECTOR ASSEM,DEUT		18	15243	PLUG,NYLON .875 BLACK DOMED.....	3
--	111420	OPTION,ROCKER STEER		19	73717	CONN,RECEP 4 WAY,12-14GA FL ***	1
--	REF.	PLATFORM BOX HARNESS <i>(Refer to 313.1)</i>		20	REF.	S85 POWER TO PLAT DC <i>(Refer to 313.1)</i>	
1	139338	SCREW PH M5-0.8X20 DIN 7500CE.....	8	21	REF.	S85 HARNESS BOOM CABLE 2 <i>(Refer to 313.1)</i>	
2	18666	CLAMP,1.00,#16 X 1/4,RUB CUSH.....	1	22	REF.	S85 HARNESS BOOM CABLE 1 <i>(Refer to 313.1)</i>	
3	104030	NUT HEX M5-0.8 CLASS 8 ZINC		23	73736	CONN,RECEP 48 WAY,4 X 12.....	1
4	122395	PLAT BOX LID W/ WORD DECAL....	1	24	REF.	HARN,PLAT MANIFOLD,S85 <i>(Refer to 313.1)</i>	
--	122386	PLAT BOX LID W/ SYMBOL DECAL		25	73803	SCREW,SHM,PHP, #12 X .75	
5	6090	SCREW,HHC,1/4-20 X .75		26	77048	SCREW,PHM,10-32X3/4,ST TYPE F	
6	6146	WASHER,FLAT,MS,#10,Y		27	6178	NUT,NYLOCK,10-32.....	1
7	6638	WASHER,FLAT,USS,1/4"Y		28	121720	WELDMENT,PLAT CONT BOX,2008	
8	23404	NUTSERT,1/4-20,STEEL CAD PLTD..... <i>to SN 8161</i>	4	29	6178	NUT,NYLOCK,10-32	
9	49819	SCREW,PHILLIPS,PHM,10-32 X .5		30	30997	CORROSION INHIBITOR,FOAM.....	1
10	6146	WASHER,FLAT,MS,#10,Y		31	77351	LANYARD,PLATFORM CONTROL BOX.....	2
11	119644	BRACKET,PBOX WIRE SUPPORT.....	1	32	81551	SCREW,PHIL,PHM,6-32 X 1/4 SS	
12	81488	GASKET,PLATFORM CONTROL BOX.....	1	33	235322	ASSY,PCB,ALC500-2 S80VP V204..... <i>Machine model and serial number required when ordering. Please contact Genie Service Parts for assistance</i>	1
13	49820	SCREW,PHILLIPS,PHM,6-32 X .5		34	81550	STANDOFF,6-32 X 3/8L X 1/4 HEX.....	10

606.1 Joysticks



Item	Part No.	Description	Qty.
--	101173	JOYSTICK,2 AXIS,ROCKER,DEUTSCH <i>(calibration required after replacement), OEM joystick</i>	
--	101173H	JOYSTICK,DUAL AXIS W/STEER <i>(calibration required after replacement), aftermarket joystick</i>	
--	101174	JOYSTICK,2 AXIS,DEUTSCH <i>(calibration required after replacement), OEM joystick</i>	
--	101174H	JOYSTICK,DUAL AXIS W/KNOB <i>(calibration required after replacement), aftermarket joystick</i>	
1	62392	KNOB,JOYSTICK, 62390/62391	
2	T112626	SCREW, PHM, #6-32 X .625 ZINC	
3	139598	BOOT,JOYSTICK	
4	62395	SPRING,JOYSTK CENTR,62390/91	
5	119915	COLLAR,JOYSTICK,CENTER	
6	128000	SEAL, CONNECTOR (DT JOYSTICKS)	
7	128001	SLEEVE,CONNECTOR,DT JOYSTICKS	
8	75449	KNOB,ROCKER JOYSTICK 75565	
9	75448	SUPPORT,SENSOR,JOYSTICK	
10	75447	SWITCH SHIELD,ROCK JOYSTK75565	
11	75446	SPRING,SWITCH CENTERING,75565	
12	75445	ROCKER ASSY.,MAGNETIC 75565	
13	75444	ROCKER,RETAINER, 75565	
14	75443	BOOT, ROCKER JOYSTICK 75565	

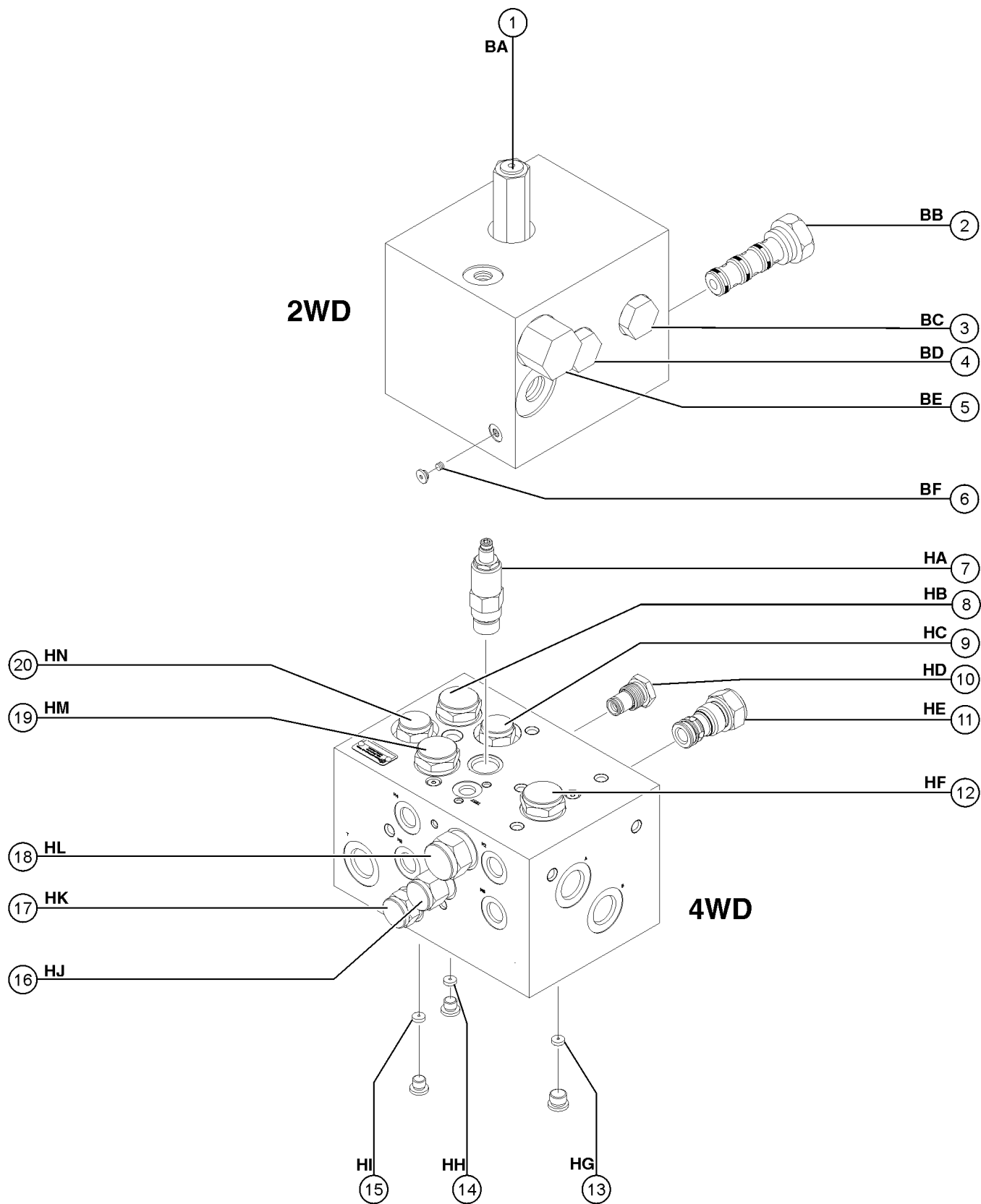
701.1 Traction Manifold (to SN 8580)



701.1 Traction Manifold (to SN 8580)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	88783	MANIFOLD,TRACTION,2WD (Complete)		11	94754	VALVE,FLOW DIVIDER/COMBINER DK, Controls flow to flow divider/combiner valves 8 and 19	
--	Ref.	4WD traction manifold part 88784 is no longer available; for its complete replacement customer must order part 139712 (Refer to 701.2)		--	128417	SEAL KIT	
--	28750	O-RING KIT,FIELD SVC,ALL PROD*		12	94756	VALVE,CHECK, 2.5 PSI DE, Non-steer end drive motor circuit	
--	49612	O-RING KIT (ORFS FITTINGS)		--	128418	SEAL KIT	
--	33994	PLUG AND CAP KIT-SERVICE,37ø**		13	94751	ORIFICE,0.040" DL, Equalizes pressure on both sides of flow divider/combiner valve 11	
--	49613	PLUG AND CAP KIT-SERVICE,ORFS*		14	94751	ORIFICE,0.040" DA, Equalizes pressure on both sides of flow divider/combiner valve 8	
1	94758	VALVE,RELIEF,280PSI BA, Charge pressure circuit		15	94751	ORIFICE,0.040" DN, Equalizes pressure on both sides of flow divider/combiner valve 19	
--	110194	SEAL KIT, VALVE, #10		16	94756	VALVE,CHECK, 2.5 PSI DH, Steer end drive motor circuit	
2	52726	VALVE,FLOW DIVIDER/COMBINER BB, Controls flow to drive motors in forward and reverse		--	128418	SEAL KIT	
--	84135	SEAL KIT, VALVE		17	94757	VALVE,CHECK,3 PSI*** DG, Steer end drive motor circuit	
3	27836	VALVE,CHECK,5 PSI BC, Drive circuit		--	128416	SEAL KIT	
--	110194	SEAL KIT, VALVE, #10		18	94753	VALVE,SHUTTLE,40 PSI DJ, Charge pressure circuit that directs hot oil out of low pressure side of drive pump	
4	27836	VALVE,CHECK,5 PSI BD, Drive circuit		--	128417	SEAL KIT	
--	110194	SEAL KIT, VALVE, #10		19	94752	VALVE FLOW DIVIDER/COMBINER DM, Controls flow to steer end drive motors in forward and reverse	
5	27761	VALVE,SHUTTLE BE, Controls flow to drive motors in forward and reverse		--	128417	SEAL KIT	
--	84134	SEAL KIT, VALVE		20	94757	VALVE,CHECK,3 PSI*** DD, Non-steer end drive motor circuit	
6	101440	ORIFICE PLUG, 0.070" BF, Equalizes flow across flow divider combiner valve 2		--	128416	SEAL KIT	
7	101446	VALVE,RELIEF 280 PSI DI, Charge pressure circuit					
--	128416	SEAL KIT					
8	94752	VALVE FLOW DIVIDER/COMBINER DB, Controls flow to non-steer end drive motors in forward and reverse					
--	128417	SEAL KIT					
9	94757	VALVE,CHECK,3 PSI*** DF, Steer end drive motor circuit					
--	128416	SEAL KIT					
10	94757	VALVE,CHECK,3 PSI*** DC, Non-steer end drive motor circuit					
--	128416	SEAL KIT					

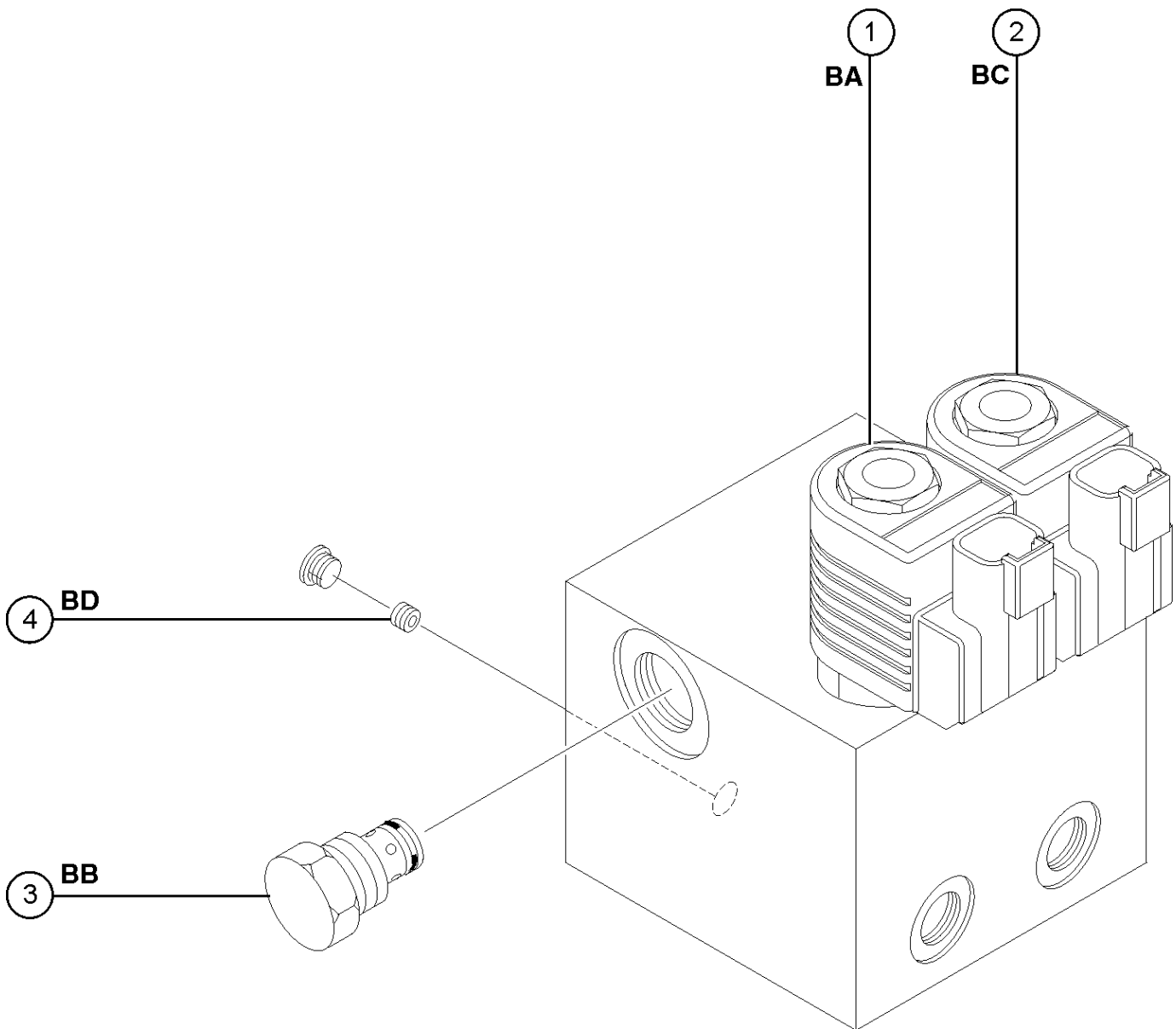
701.2 Traction Manifold (from SN 8581)



701.2 Traction Manifold (from SN 8581)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	88783	MANIFOLD,TRACTION,2WD (Complete)		12	139508	VALVE, FLOW DIVIDE/COMBINE 1:1 HF, Controls flow to flow divider/combiner valves 8 and 19	
--	139712	MANIFOLD,TRACTION,4WD*** (Complete)		--	139512	SEAL KIT, VALVE	
--	28750	O-RING KIT,FIELD SVC,ALL PROD*		13	139719	ORFICE, 0.040" HG, Equalizes pressure on both sides of flow divider/combiner valve 12	
--	49612	O-RING KIT (ORFS FITTINGS)		14	139719	ORFICE, 0.040" HH, Equalizes pressure on both sides of flow divider/combiner valve 8	
--	33994	PLUG AND CAP KIT-SERVICE,37ø**		15	139719	ORFICE, 0.040" HI, Equalizes pressure on both sides of flow divider/combiner valve 19	
--	49613	PLUG AND CAP KIT-SERVICE,ORFS*		16	139715	VALVE, SHUTTLE, FIXED HJ, Steer end drive motor circuit	
1	94758	VALVE,RELIEF,280PSI BA, Charge pressure circuit		--	139726	SEAL KIT, VALVE	
--	110194	SEAL KIT, VALVE, #10		17	139527	VALVE, CHECK, 5PSI HK, Steer end drive motor circuit	
2	52726	VALVE,FLOW DIVIDER/COMBINER BB, Controls flow to drive motors in forward and reverse		--	139528	SEAL KIT, VALVE	
--	84135	SEAL KIT, VALVE		18	139716	VALVE, CHECK HL, Charge pressure circuit that directs hot oil out of low pressure side of drive pump	
3	27836	VALVE,CHECK,5 PSI BC, Drive circuit		--	139727	SEAL KIT, VALVE	
--	110194	SEAL KIT, VALVE, #10		19	139717	VALVE, FLOW DIVIDE/COMB,24GPM HM, Controls flow to steer end drive motors in forward and reverse	
4	27836	VALVE,CHECK,5 PSI BD, Drive circuit		--	139512	SEAL KIT, VALVE	
--	110194	SEAL KIT, VALVE, #10		20	139527	VALVE, CHECK, 5PSI HN, Non-steer end drive motor circuit	
5	27761	VALVE,SHUTTLE BE, Controls flow to drive motors in forward and reverse		--	139528	SEAL KIT, VALVE	
--	84134	SEAL KIT, VALVE					
6	101440	ORIFICE PLUG, 0.070" BF, Equalizes flow across flow divider combiner valve 2					
7	139718	VALVE, RELIEF, 280PSI HA, Charge pressure circuit					
--	139512	SEAL KIT, VALVE					
8	139717	VALVE, FLOW DIVIDE/COMB,24GPM HB, Controls flow to non-steer end drive motors in forward and reverse					
--	139512	SEAL KIT, VALVE					
9	139527	VALVE, CHECK, 5PSI HC, Steer end drive motor circuit					
--	139528	SEAL KIT, VALVE					
10	139527	VALVE, CHECK, 5PSI HD, Non-steer end drive motor circuit					
--	139528	SEAL KIT, VALVE					
11	139716	VALVE, CHECK HE, Non-steer end drive motor circuit					
--	139727	SEAL KIT, VALVE					

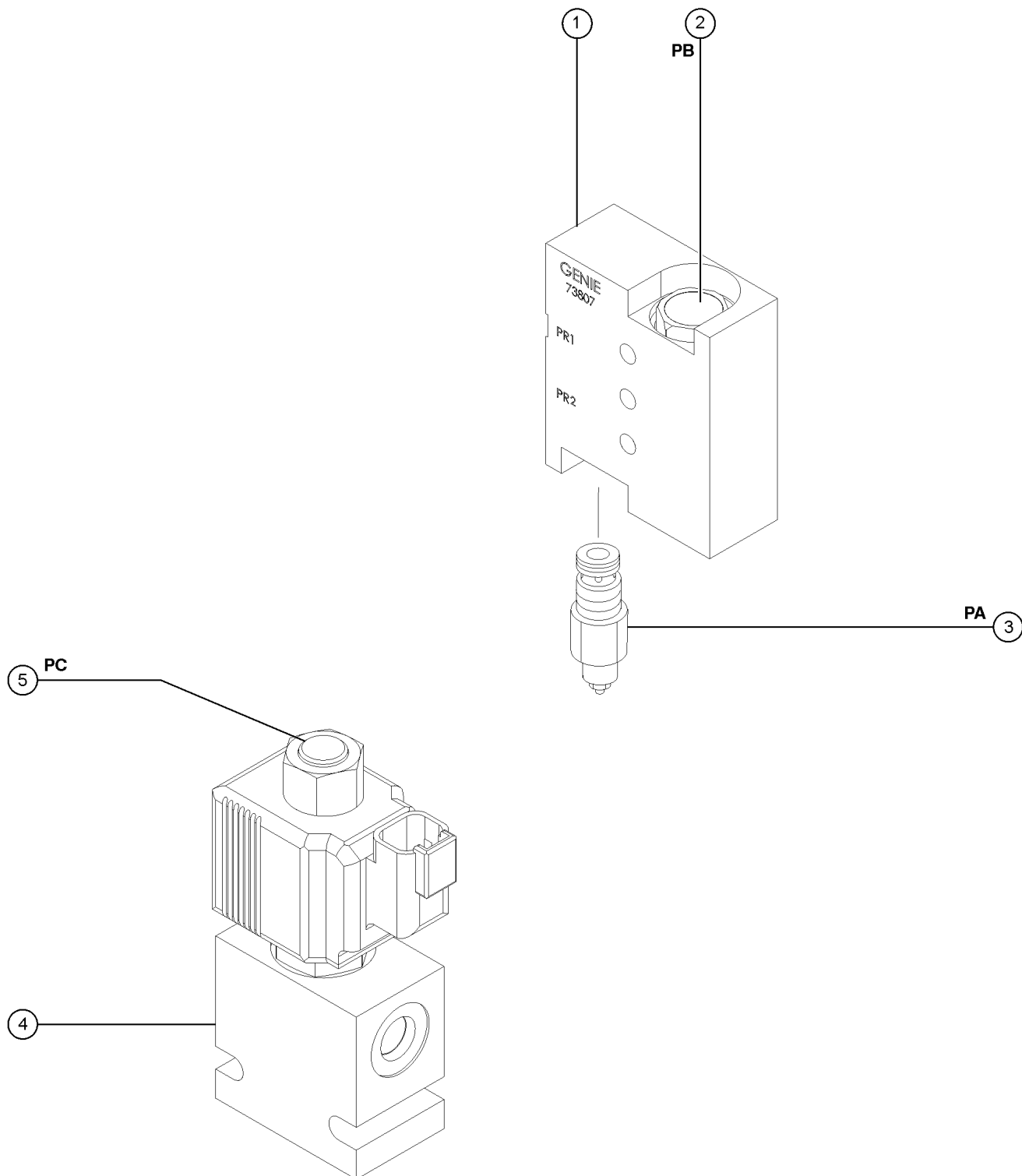
702.1 Two-Speed/Brake Manifold



702.1 Two-Speed/Brake Manifold

Item	Part No.	Description	Qty.
--	88785	MANIFOLD,BRAKE/2 SPD W/QD PLG* <i>(Complete)</i>	
--	128419	Seal Kit	
--	94759	NUT,SOLENOID	
--	94760	VALVE-SOLENOID,10V,W/OUT COIL* <i>BA, Brake release</i>	
--	94765	COIL-10V DC***	
2	94760	VALVE-SOLENOID,10V,W/OUT COIL* <i>BC, Two speed motor shift</i>	
--	128419	Seal Kit	
--	94759	NUT,SOLENOID	
--	94765	COIL-10V DC***	
3	94761	VALVE,CHECK <i>BB, Brake release circuit</i>	
--	128420	Seal Kit	
4	94764	ORIFICE,0.025" <i>BD, Turntable rotaton brake release</i>	

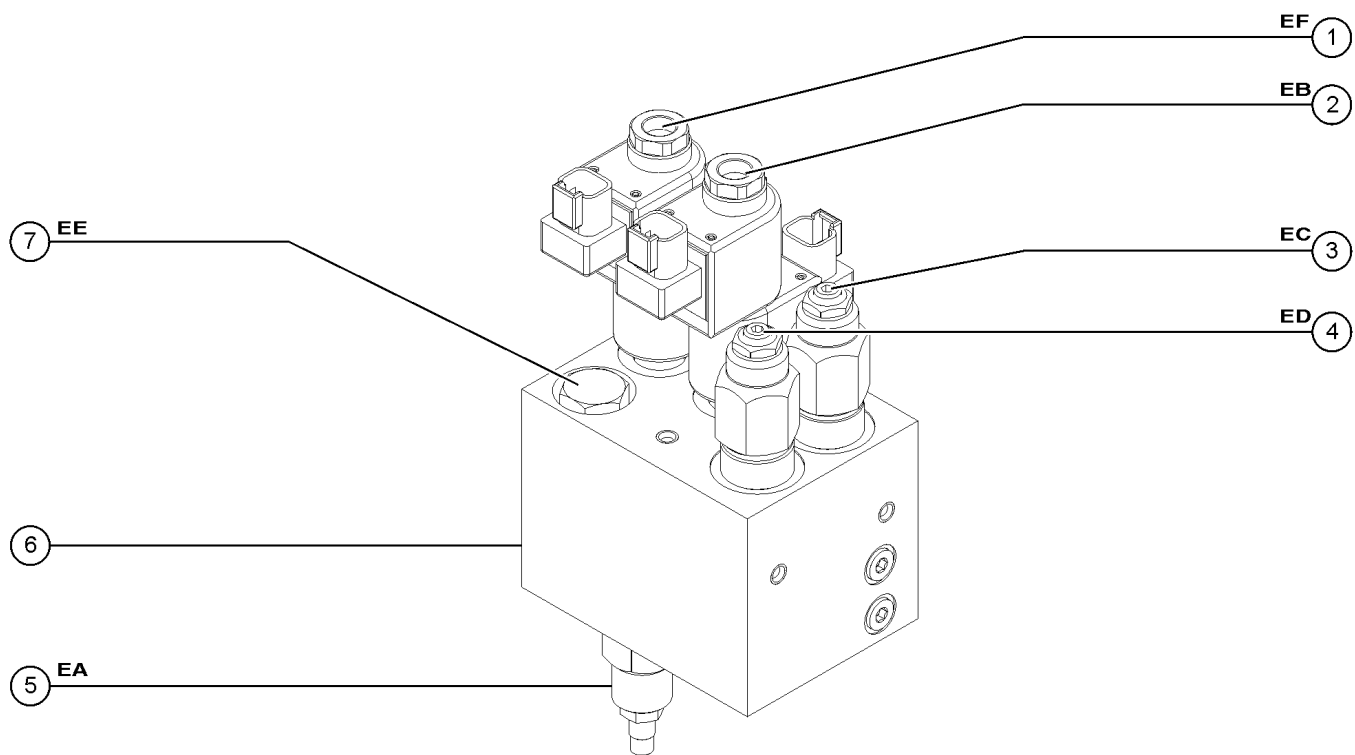
703.1 Function Enable Valve and Platform Rotator Manifold



703.1 Function Enable Valve and Platform Rotator Manifold

Item	Part No.	Description	Qty.
1	73807	MANIFOLD,ROTATOR,CB*** (Complete)	
--	62507	O-RING, ROTATOR MANIFOLD	
2	62506	VALVE - COUNTERBALANCE** PB, Platform rotate left	
--	43018	SEAL KIT (39345)	
3	62506	VALVE - COUNTERBALANCE** PA, Platform rotate right	
--	43018	SEAL KIT (39345)	
4	106454	VALVE,FUNCTION ENABLE (Complete)	
5	107742	VALVE,SOLENOID 2 POS 2 WAY PC, Differential sensing	
--	89733	COIL,SOLENOID VALVE***	
--	89770	SEAL KIT, SOLENOID VALVE	

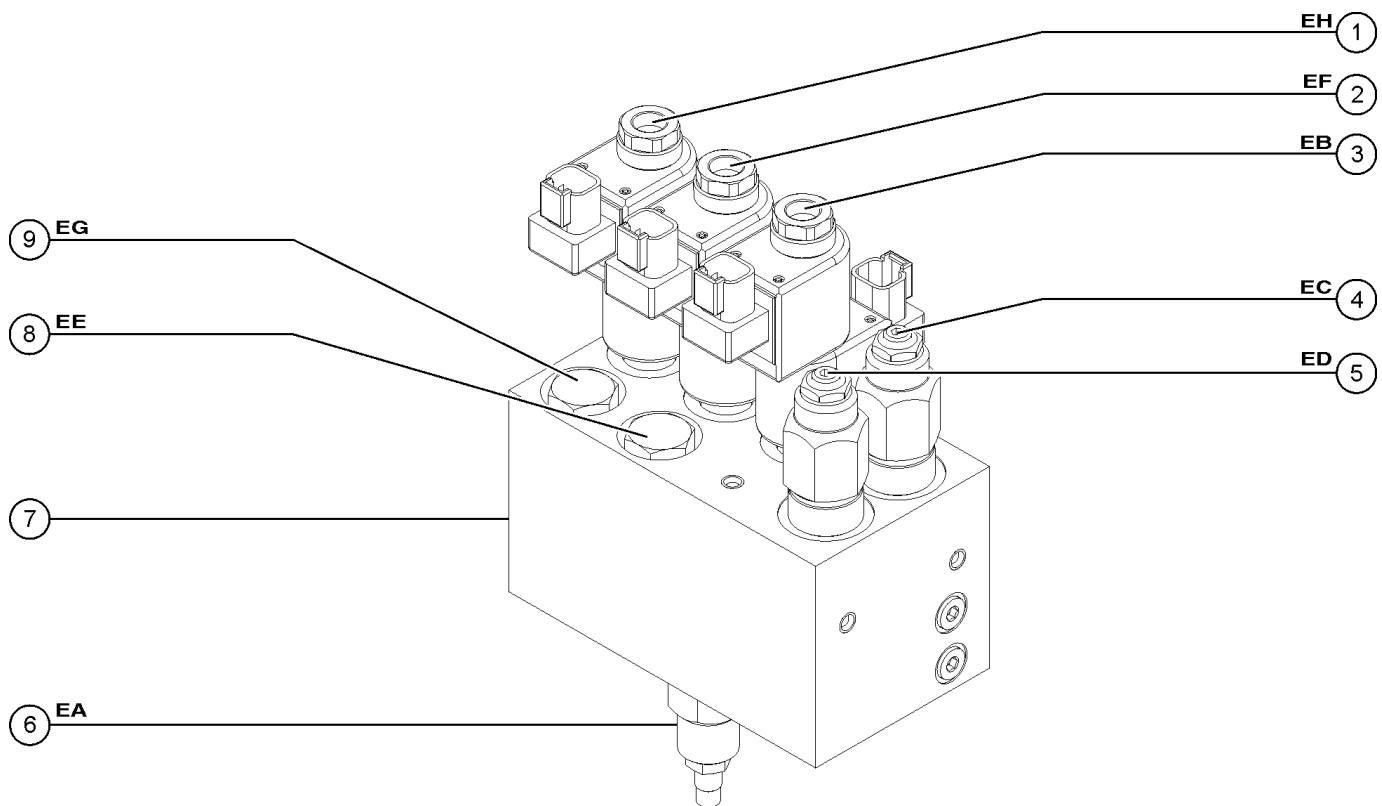
704.1 Platform Manifold, S-80X and S-80



704.1 Platform Manifold, S-80X and S-80

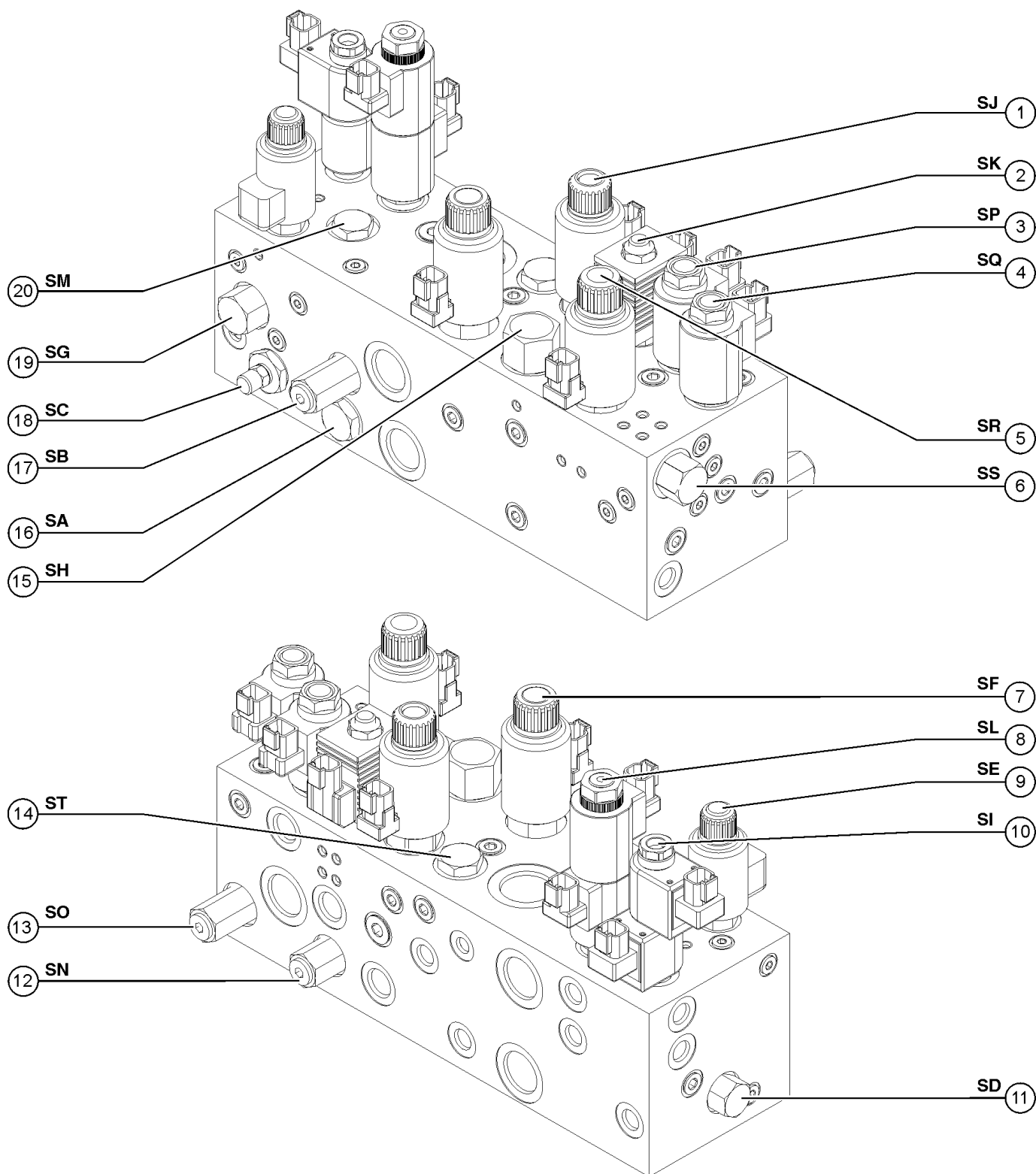
Item	Part No.	Description	Qty.
--	121707	MANIFOLD,PLATFORM,S80,2SEC <i>(Complete)</i>	
1	122121	SOLENOID VALVE <i>EF, Platform rotate CW/CCW</i>	
--	122120	SEAL KIT,SOLENOID VALVE	
--	122148	COIL,SOLENOID VALVE,20W	
--	52943	NUT,SOLENOID VALVE	
2	122121	SOLENOID VALVE <i>EP, Platform level up/down</i>	
--	122120	SEAL KIT,SOLENOID VALVE	
--	122148	COIL,SOLENOID VALVE,20W	
--	52943	NUT,SOLENOID VALVE	
3	50481	VALVE,COUNTERBALANCE,3500 PSI <i>EC, Platform level CB valve</i>	
--	43018	SEAL KIT (39345)	
4	50481	VALVE,COUNTERBALANCE,3500 PSI <i>ED, Platform level CB valve</i>	
--	43018	SEAL KIT (39345)	
5	62258	VALVE,NEEDLE*** <i>EA, Platform level</i>	
6	121707	MANIFOLD,PLATFORM,S80,2SEC	
7	122640	PRESSURE COMP FLOW CONTROL <i>EE, Platform rotate flow control</i>	
--	74902	SEAL KIT, VALVE	

705.1 Platform Manifold, S-85



Item	Part No.	Description	Qty.
--	121706	MANIFOLD,PLATFORM,S856,3 SEC <i>(Complete)</i>	
1	122121	SOLENOID VALVE <i>EH, Jib up/down</i>	
--	122120	SEAL KIT,SOLENOID VALVE	
--	122148	COIL,SOLENOID VALVE,20W	
--	52943	NUT,SOLENOID VALVE	
2	122121	SOLENOID VALVE <i>EF, Platform rotate CW/CCW</i>	
--	122120	SEAL KIT,SOLENOID VALVE	
--	122148	COIL,SOLENOID VALVE,20W	
--	52943	NUT,SOLENOID VALVE	
3	122121	SOLENOID VALVE <i>EB, Platform level up/down</i>	
--	122120	SEAL KIT,SOLENOID VALVE	
--	122148	COIL,SOLENOID VALVE,20W	
--	52943	NUT,SOLENOID VALVE	
4	50481	VALVE,COUNTERBALANCE,3500 PSI <i>EC, Platform level CB valve</i>	
--	43018	SEAL KIT (39345)	
5	50481	VALVE,COUNTERBALANCE,3500 PSI <i>ED, Platform level CB valve</i>	
--	43018	SEAL KIT (39345)	
6	62258	VALVE,NEEDLE*** <i>EA, Platform level</i>	
7	121706	MANIFOLD,PLATFORM,S856,3 SEC	
8	122655	PRESSURE COMP FLOW CONTROL <i>EE, Platform rotate flow control</i>	
--	74902	SEAL KIT, VALVE	
9	122640	PRESSURE COMP FLOW CONTROL <i>EG, Jib flow control</i>	
--	74902	SEAL KIT, VALVE	

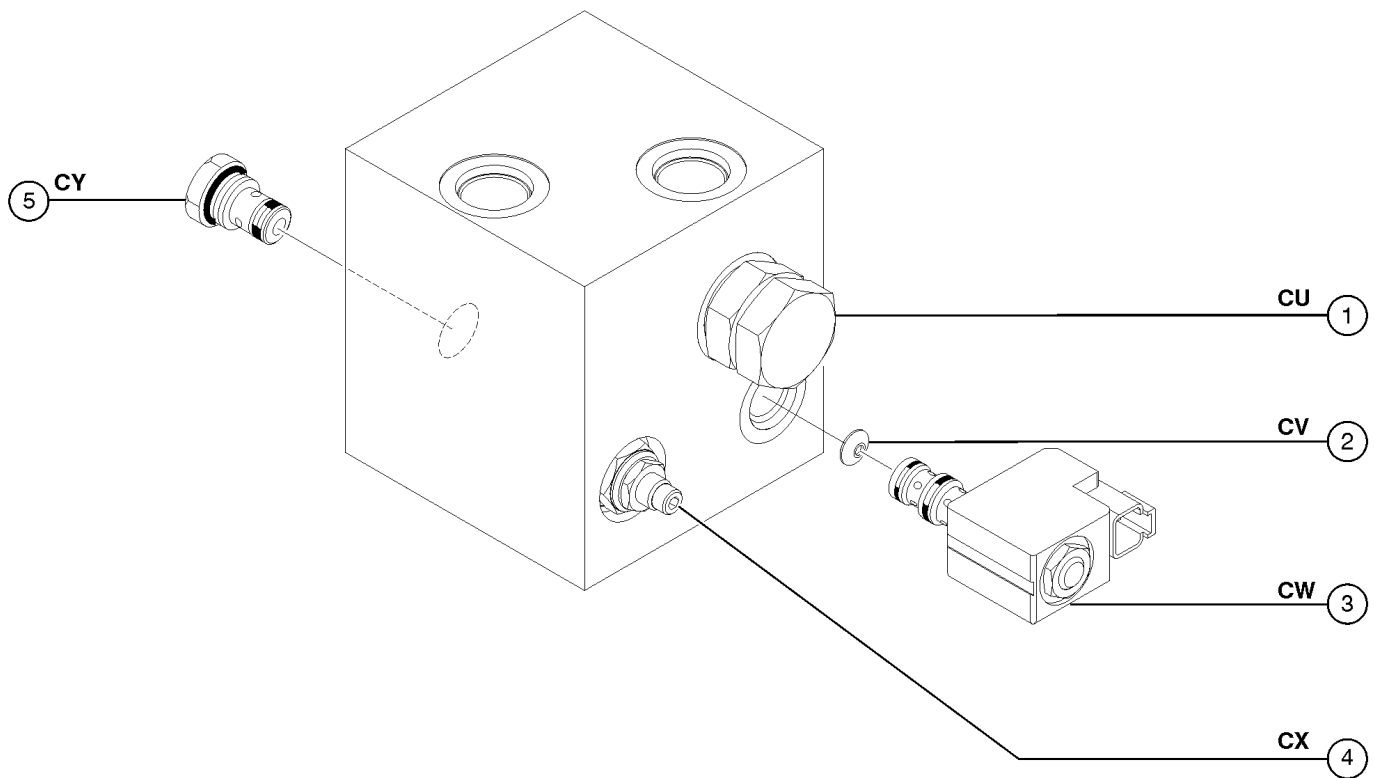
706.1 Function Manifold



706.1 Function Manifold

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	121708	MANIFOLD,SWING S80/85,5 SEC (Complete)		9	102526	O-RING, PROPORTIONAL VALVE (between coil and nut)	
1	122643	Valve-Solenid 2 Postion 3WA SJ, Boom up		9	102528	VALVE,PROPORTIONAL*** SE, Swing proportional	
--	110198	SEAL KIT, VALVE, #12		--	89312	SEAL KIT, SOLENOID VALVE	
--	122652	COIL, D14E 10 VDC DED		--	89737	COIL,PROPORTIONAL VALVE***	
--	45921	RETAINER-N.C.PROPOR.SOLENOID		--	89738	NUT, PROPORTIONAL VALVE	
2	89309	VALVE - SOLENOID 2POSITION 3WA SK, Boom down		10	122645	SOLENOID VALVE,SPOOL TYPE SI, Swing directional	
--	45912	NUT,SOLENOID,2POS 3WAY		--	102940	NUT,SOLENOID VALVE	
--	62275	Coil,10V		--	122120	SEAL KIT,SOLENOID VALVE	
--	89310	SEAL KIT, SOLENOID VALVE		--	89733	COIL,SOLENOID VALVE***	
3	122649	VALVE,SOLENOID,NO,POPPET SP, Retract		11	19060	VALVE,FLOW REGULATOR SD, Oscilate flow control	
--	102940	NUT,SOLENOID VALVE		--	74902	SEAL KIT, VALVE	
--	111778	COIL,10V DC(D10,26 WATT)		12	48415	VALVE,RELIEF SN, Boom down relief	
--	122657	Seal Kit		--	74902	SEAL KIT, VALVE	
4	122649	VALVE,SOLENOID,NO,POPPET SP, Extend		13	110209	VALVE, RELIEF, 2400 PSI SO, Boom extend relief	
--	102940	NUT,SOLENOID VALVE		--	74902	SEAL KIT, VALVE	
--	111778	COIL,10V DC(D10,26 WATT)		14	122656	VALVE, CHECK, 30 PSI ST, Return check valve	
--	122657	Seal Kit		--	110194	SEAL KIT, VALVE, #10	
5	107753	VALVE,PROPORTIONAL SR, Extend/Retract proportional		15	122650	VALV, DIFFERENTIAL SENSING SH, Primary lift	
--	45912	NUT,SOLENOID,2POS 3WAY		--	122660	Seal Kit	
--	58303	COIL,VALVE,PROPORTIONAL***		16	122646	Check Valve SA, Back flow check function pump	
--	89310	SEAL KIT, SOLENOID VALVE		--	110194	SEAL KIT, VALVE, #10	
6	122651	VALV, DIFFERENTIAL SENSING SS, Boom extend		17	52715	VALVE,RELIEF,3200 PSI*** SB, System main relief	
--	122657	Seal Kit		--	74902	SEAL KIT, VALVE	
7	107752	VALVE,PROPORTIONAL SF, Boom up/down proportional		18	122644	PRESSURE REDUCING VALVE SC, Oscilate pressure control	
--	110198	SEAL KIT, VALVE, #12		19	52714	VALVE,DIFFERENTIAL SENSING SG, Differential sensing. TT rotate	
--	45921	RETAINER-N.C.PROPOR.SOLENOID		--	74902	SEAL KIT, VALVE	
--	58303	COIL,VALVE,PROPORTIONAL***		20	122641	Valve, Flow Regulator SM, Steering flow control	
8	122647	SOLENOID VALVE, 3 POSTITION 4 WAY SL, Steering directional		--	74902	SEAL KIT, VALVE	
--	111778	COIL,10V DC(D10,26 WATT)					
--	122653	Coil Nut					
--	122654	TT FRNT COVR ASSY,SYM DEC, S45					

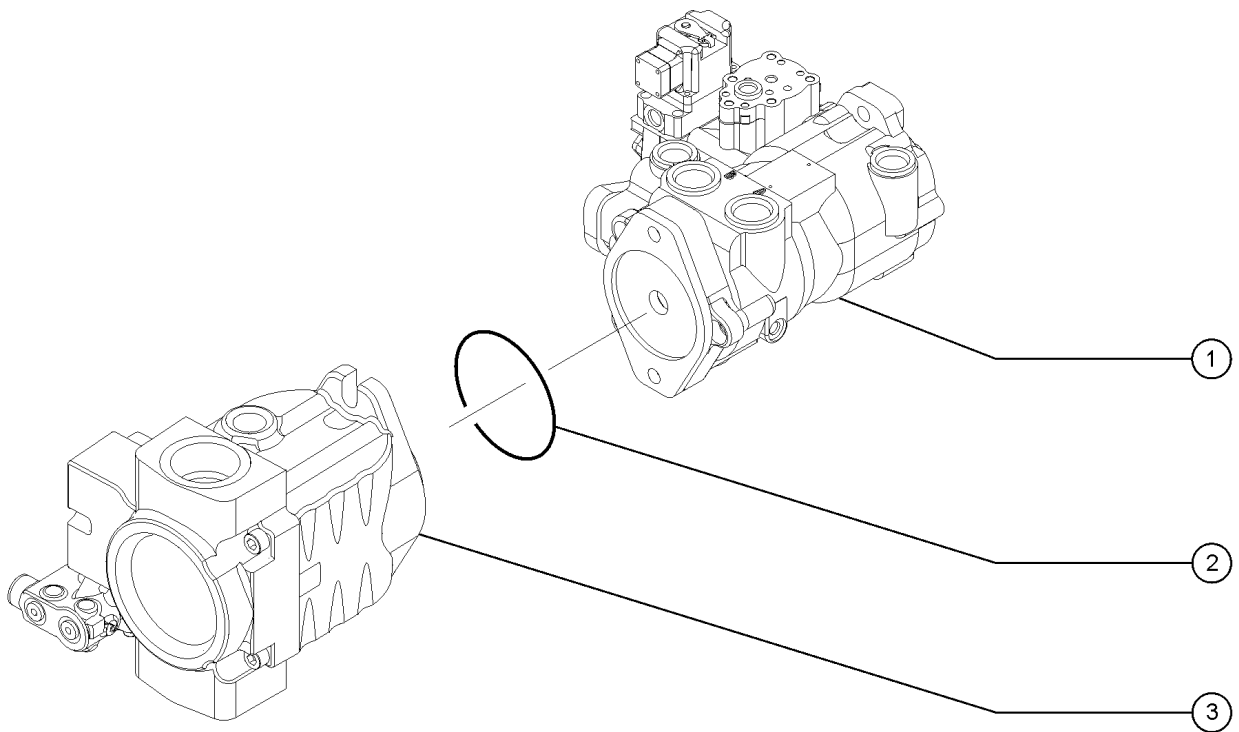
707.1 Oil Diverter Manifold (welder option)



707.1 Oil Diverter Manifold (welder option)

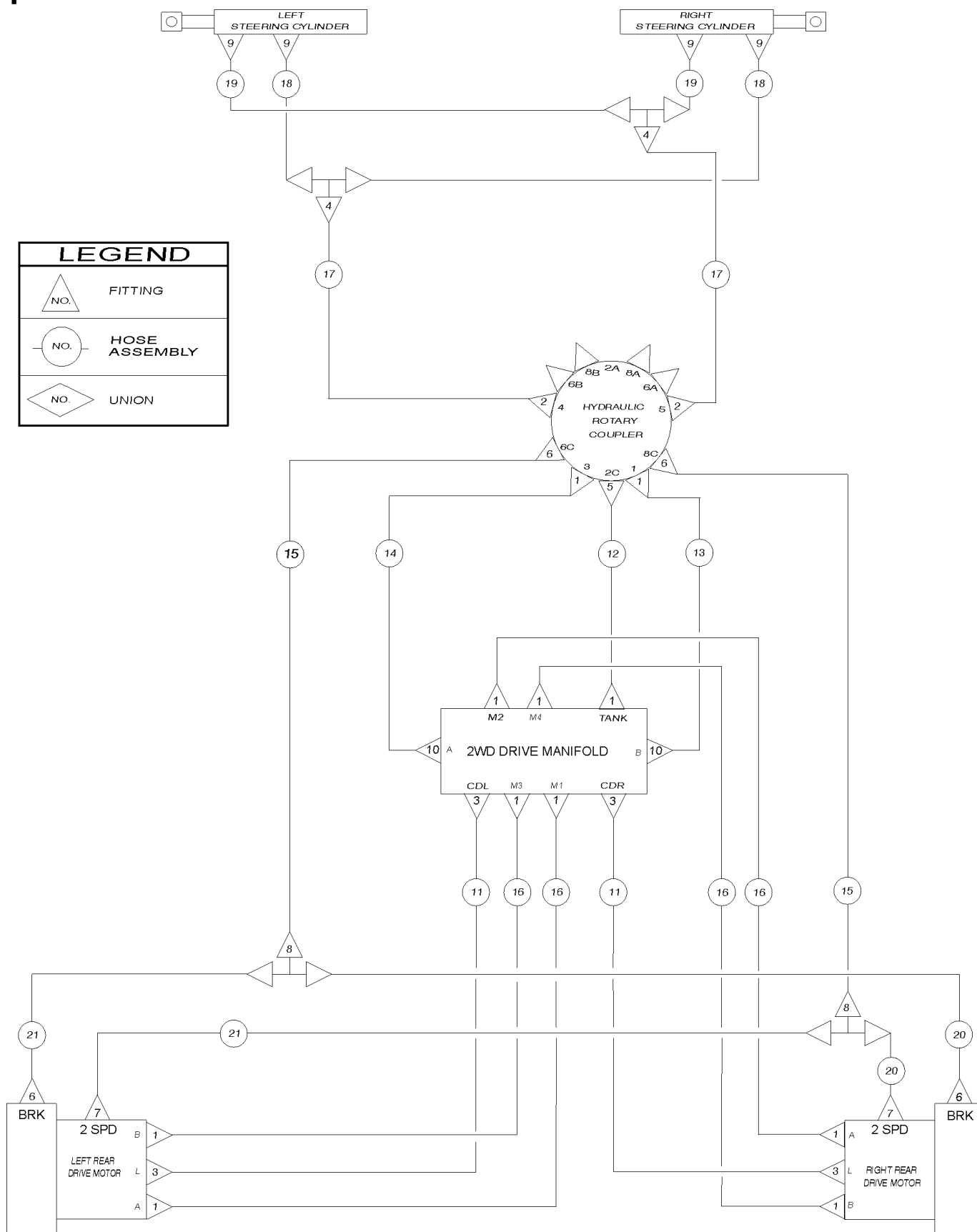
Item	Part No.	Description	Qty.
--	101516	MANIFOLD,DRIVE OIL DIVERTER*** <i>(Complete)</i>	
1	102746	VALVE,PILOT OPER DIRECTIONAL** <i>CU, Diverter valve</i>	
2	106394	ORIFICE DISC,.030,CONE <i>CV, Delays shift to drive</i>	
3	94760	VALVE-SOLENOID,10V,W/OUT COIL* <i>CW, Pilot valve to diverter</i>	
--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

708.1 Pumps



Item	Part No.	Description	Qty.
1	101068	PUMP,PISTON,46CC,B MOUNT,13T.....1 (Drive pump)	1
--	29739	SEAL KIT,SAUER-DANFOSS M46***	
--	58290	VALVE,EDC,PILOT,SAUER,M46	
--	77819	EDC ASSY,SAUER M46	
2	52087	O-RING,2-044 BUNA***.....1	1
3	121310	Function Pump.....1	1
--	122669	Seal Kit	

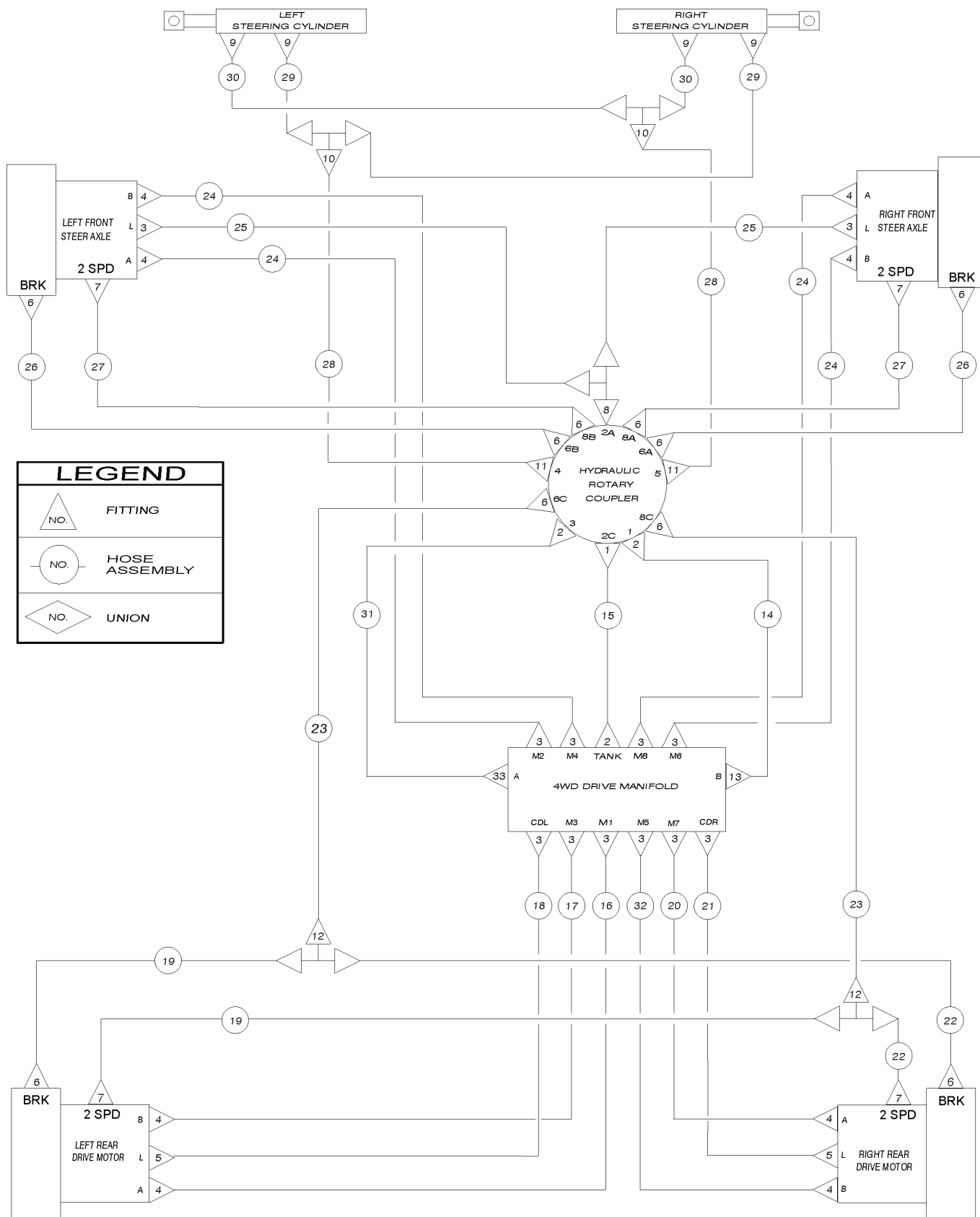
709.1 2WD Drive and Steer System



709.1 2WD Drive and Steer System

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	48960	FITTING,CONN,520120-12.....	10	21	217056	HOSE ASSY,1/4,STR FEM,STR FEM.....	2
2	48916	FITTING,CONN,520120-6.....	2			<i>Components: 48800, 48800 and 48751 @ 44 inches</i>	
3	48933	CONN,520120-8***.....	4				
4	89449	FITTING, BRANCH BULKHEAD....	2				
5	48963	FITTING,ELBOW,45D,520320-12***.	1				
6	48905	CONN,520120-4***.....	4				
7	48911	ELBOW,90D,520220-4-6***.....	2				
8	48909	TEE,BULKHEAD,RUN,520958-4....	2				
9	48915	ELBOW,90D,520220-6.....	4				
10	48959	FITTING,ELBOW,90D,520220-12....	2				
11	49143-5229	HOSE ASSY,1/2,90 FEM,STR FEM.....	2				
		<i>Components: 48822, 48827 and 48756 @ 50 inches</i>					
12	49149-2526	HOSE ASSY,3/4,STR FEM,STR FEM.....	1				
		<i>Components: 48841, 48845 and 48761 @ 22 inches</i>					
13	89871-2648	HOSE ASSY,3/4,STR FEM,STR FEM.....	1				
		<i>Components: 48841, 48841 and 94358 @ 24 inches</i>					
14	89871-2448	HOSE ASSY,3/4,STR FEM,STR FEM.....	1				
		<i>Components: 48841, 48841 and 94358 @ 22 inches</i>					
15	49116-3137	HOSE ASSY,1/4,45 FEM,STR FEM.....	2				
		<i>Components: 48800, 48801 and 48751 @ 29 inches</i>					
16	94374-5130	HOSE ASSY,3/4",90F,STR F.....	4				
		<i>Components: 48841, 48846 and 9435 @ 48 inches</i>					
17	49130-2957	HOSE ASSEMBLY,3/8.....	2				
		<i>Components: 48812, 48812 and 48753 @ 27.75 inches</i>					
18	49128-2409	HOSE ASSEMBLY,3/8".....	2				
		<i>Components: 48812, 48816 and 48753 @ 22 inches</i>					
19	49128-3709	HOSE ASSEMBLY,3/8".....	2				
		<i>Components: 48816, 48812 and 48753 @ 35 inches</i>					
20	49117-5391	HOSE ASSY,1/4,90 FEM,STR FEM.....	2				
		<i>Components: 48800, 48802 and 48751 @ 52 inches</i>					

710.1 4WD Drive and Steer System



710.1 4WD Drive and Steer System

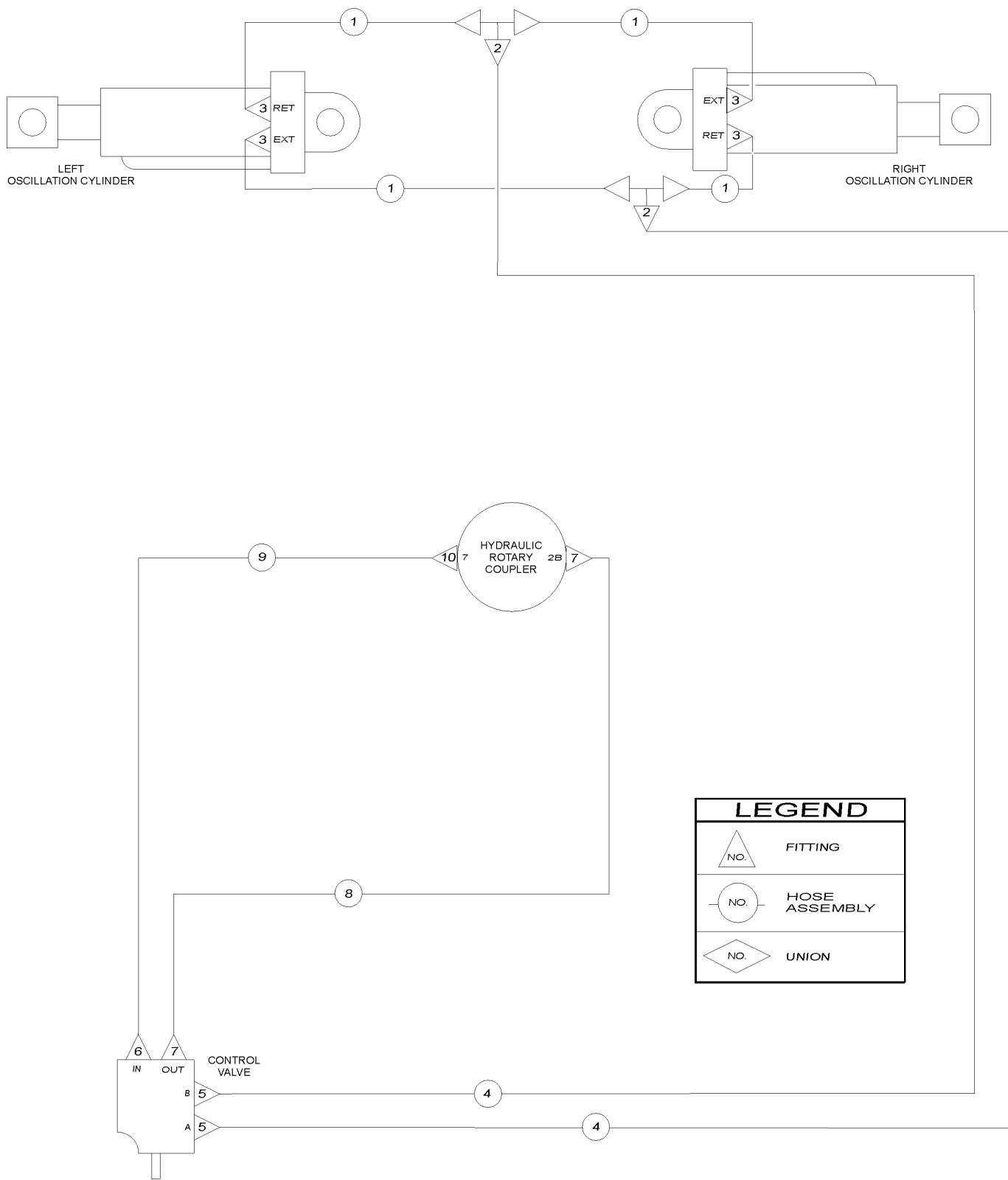
Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	48963	FITTING,ELBOW,45D,520320-12***	1	23	49116-3137	HOSE ASSY,1/4,45 FEM,STR FEM.....	2
2	48960	FITTING,CONN,520120-12.....	3			<i>Components: 48800, 48801 and 48751 @ 29 inches</i>	
3	48933	CONN,520120-8***.....	12	24	49110-14692	HOSE ASSY,1/2,STR FEM,STR FEM.....	4
4	48948	CONN,520120-8-12.....	8			<i>Components: 48822, 48822 and 48758 @ 145 inches</i>	
5	48932	FITTING,ELBOW,90D,520220-8***	2	25	823600	HOSE ASSY,1/2,45 FEM,STR FEM.....	2
6	48905	CONN,520120-4***.....	10			<i>Components: 48822, 48826 and 48756 @ 112 inches</i>	
7	48911	ELBOW,90D,520220-4-6***.....	4	--	122441-11463	HOSE ASSY,1/2,45 FEM,STR FEM.....	2
8	48936	TEE,BRANCH,520429-8.....	1			<i>Components: 48822, 48826 and 101699 @ 112 inches (Arctic hose option); to SN 8296</i>	
9	48915	ELBOW,90D,520220-6.....	4	26	49117-11491	HOSE ASSY,1/4,90 FEM,STR FEM.....	2
10	89449	FITTING, BRANCH BULKHEAD.....	2			<i>Components: 48800, 48802 and 48751 @ 113 inches</i>	
11	48916	FITTING,CONN,520120-6.....	2	--	101790-11391	HOSE ASSY,1/4,90 FEM,STR FEM.....	2
12	48909	TEE,BULKHEAD,RUN,520958-4.....	2			<i>Components: 48822, 48826 and 101699 @ 112 inches (Arctic hose option); to SN 8296</i>	
13	48959	FITTING,ELBOW,90D,520220-12....	1	27	49119-11378	HOSE ASSY,1/4,STR FEM,STR FEM.....	2
14	89871-2448	HOSE ASSY,3/4,STR FEM,STR FEM.....	1			<i>Components: 48800, 48800 and 48751 @ 112 inches</i>	
15	823601	HOSE ASSY,3/4,45 FEM,STR FEM.....	1	--	101792-11378	HOSE ASSY,1/4,STR FEM,STR FEM.....	2
		<i>Components: 48841, 48845 and 48761 @ 22 inches</i>				<i>Components: 48822, 48826 and 101699 @ 112 inches (Arctic hose option); to SN 8296</i>	
16	217051	HOSE ASSY,1/2,90 FEM,STR FEM.....	1	28	49130-2957	HOSE ASSEMBLY,3/8.....	2
		<i>Components: 48822, 48827 and 48758 @ 46 inches</i>				<i>Components: 48812, 48812 and 48753 @ 27.75 inches</i>	
17	217052	HOSE ASSY,1/2,90 FEM,STR FEM.....	1	29	49128-2409	HOSE ASSEMBLY,3/8".....	2
		<i>Components: 48822, 48827 and 48758 @ 50 inches</i>				<i>Components: 48812, 48816 and 48753 @ 22 inches</i>	
18	217064	HOSE ASSY,1/2,STR FEM,STR FEM.....	1	30	49128-3709	HOSE ASSEMBLY,3/8".....	2
		<i>Components: 48822, 48822 and 48756 @ 49 inches</i>				<i>Components: 48816, 48812 and 48753 @ 35 inches</i>	
19	217056	HOSE ASSY,1/4,STR FEM,STR FEM.....	2	31	89871-2448	HOSE ASSY,3/4,STR FEM,STR FEM.....	
		<i>Components: 48800, 48800 and 48751 @ 44 inches</i>				<i>Components: 48841, 48841 and 94358 @ 22 inches; to SN 8757</i>	
20	217050	HOSE ASSY,1/2,90 FEM,STR FEM.....	1	--	217065	HOSE ASSY,3/4,90 FEM,STR FEM.....	
		<i>Components: 48822, 48827 and 48758 @ 45 inches</i>				<i>Components: 48841, 48846 and 94358 @ 22 inches; from SN 8758</i>	
21	217063	HOSE ASSY,1/2,STR FEM,STR FEM.....	1				
		<i>Components: 48822, 48822 and 48758 @ 45 inches</i>					
22	49117-5391	HOSE ASSY,1/4,90 FEM,STR FEM.....	2				
		<i>Components: 48800, 48802 and 48751 @ 52 inches</i>					

710.1 4WD Drive and Steer System
(continued)

Item	Part No.	Description	Qty.
32	49109-5029	HOSE ASSY,1/2,90 FEM,STR FEM** <i>Components: 48822, 48827 and 48758 @ 48 inches</i>	
33	48959	FITTING,ELBOW,90D,520220-12 <i>to SN 8757</i>	
--	48960	FITTING,CONN,520120-12 <i>from SN 8758</i>	

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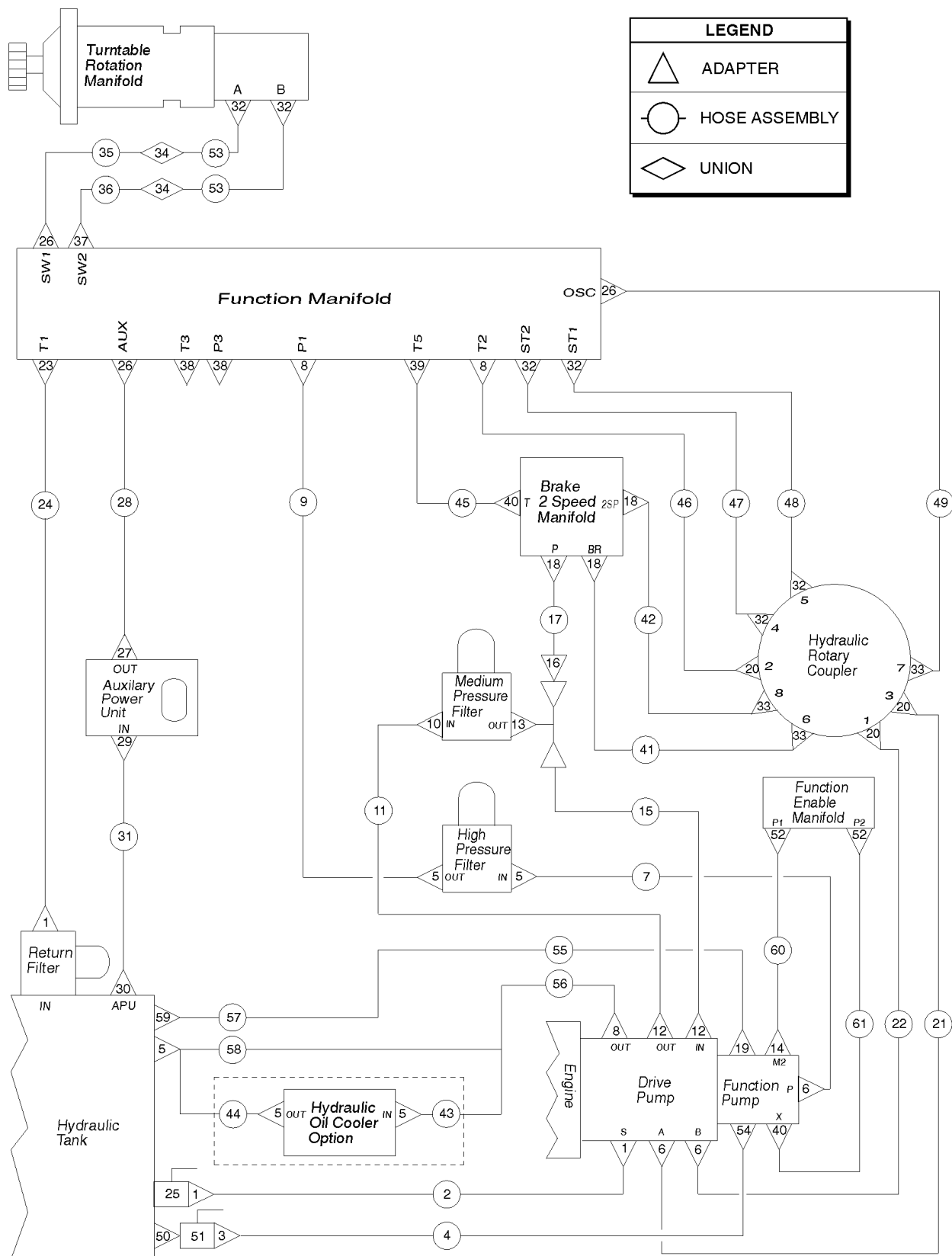
711.1 Oscillate System



711.1 Oscillate System

Item	Part No.	Description	Qty.
1	49128-4209	HOSE ASSY,3/8,90D.....4 <i>Components: 48812, 48816 and 48753 @ 40 inches</i>	
2	89449	FITTING, BRANCH BULKHEAD.....2	
3	48920	ELBOW,45D,520320-6.....4	
4	49130-8382	HOSE ASSY,FEM SW,6-6.....2 <i>Components: 48812, 48812 and 48753 @ 82 inches</i>	
5	48915	ELBOW,90D,520220-6.....2	
6	48914	CONN,520120-4-8.....1	
7	48930	FITTING,CONN,520120-6-8***.....2	
8	49128-4509	HOSE ASSY,3/8" 90 FEM,STR FEM.....1 <i>Components: 48812, 48816 and 48753 @ 43 inches</i>	
9	217054	HOSE ASSY,1/4,90 FEM,STR FEM.....1 <i>Components: 48800, 48802 and 48751 @ 47 inches</i>	
10	48907	ELBOW,45D,520320-4.....1	

712.1 Turntable Components



712.1 Turntable Components

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	48984	CONN,520120-16.....	3	22	89871-5648	HOSE ASSY,3/4,STR FEM.....	1
2	88942-9554	HOSE ASSY,1",90 FEM,STR FEM.....	1			<i>Components: 48841, 48841 and 94358 @ 54 inches</i>	
		<i>Components: 88938, 88939 and 88940 @ 92 inches</i>		23	48983	ELBOW,90D,520220-16.....	1
3	61083	CONN,520120-24.....	1	24	88942-6754	HOSE ASSY,1,90 FEM,STR FEM....	1
4	121608-9175	HOSE ASSY,1-1/2,STR,90D ORFS.....	1			<i>Components: 88938, 88939 and 88940 @ 64 inches</i>	
		<i>Components: 121778, 88476, 88473 and 61100 @ 83 inches</i>		25	48996	VALVE,BALL,16 MSAE-16 FSAE***	1
5	48959	FITTING,ELBOW,90D,520220-12....	5	26	48915	ELBOW,90D,520220-6.....	3
6	48977	CONN,520120-12-16.....	3	27	48918	TEE,RUN,520428-6.....	1
7	94374-4330	HOSE ASSY,3/4,0 FEM,STR FEM.....	1	28	49128-1509	HOSE ASSY,3/8,90 FEM,STR FEM.....	1
		<i>Components: 48846, 48841 and 94358 @ 40 inches</i>				<i>Components: 48816, 48812 and 48753 @ 13 inches</i>	
8	48960	FITTING,CONN,520120-12.....	3	29	48932	FITTING,ELBOW,90D,520220-8*** ..	1
--	48963	FITTING,ELBOW,45D,520320-12*** (Welder option)		30	48933	CONN,520120-8***	1
--	48964	FITTING,TEE,RUN,SWIVEL52043212 (Welder option)		31	49183-2692	HOSE ASSY,1/2,STR FEM,STR FEM.....	1
9	89871-5348	HOSE ASSY,3/4,STR FEM,STR FEM.....	1			<i>Components: 48822, 48822 and 48756 @ 24 inches</i>	
		<i>Components: 48841, 48841 and 94358 @ 51 inches</i>		32	48916	FITTING,CONN,520120-6.....	7
10	48933	CONN,520120-8***	1	33	48928	ELBOW,45D,520320-6-4.....	3
11	217058	HOSE ASSY,1/2,90 FEM,STR FEM.....	1	34	61321	ELBOW,90D,BLKHD,ORFS-6-6 W/NUT	2
		<i>Components: 48822, 48827 and 48756 @ 25 inches</i>		35	121685	HYD TUBE,SWING DRIVE #1.....	1
12	42790	ELBOW,45DEG,520320-8-10.....	2	36	121684	HYD TUBE,SWING DRIVE #2.....	1
13	48935	TEE,RUN,520428-8.....	1	37	56003	ELBOW,90D,LONG,521520-6.....	1
14	48912	CONN,520120-4-6***	1	38	87172	PLUG,HEX SOCKET,090109B-12...2	
15	49143-4129	HOSE ASSY,1/2,90 FEM,STR FEM.....	1	39	48905	CONN,520120-4***	1
		<i>Components: 48822, 48827 and 48756 @ 39 inches</i>		40	48904	ELBOW,90D,520220-4-4.....	2
16	111572	REDUCER,520123-8-6.....	1			<i>(Deutz and Perkins models)</i>	
17	121337	HYD TUBE,BRAKE/2SPD PRESS LINE.....	1	--	48905	CONN,520120-4*** (Continental models)	
18	48927	CONN,520120-6-4.....	3	41	121357	HYD TUBE,BRAKE.....	1
19	48946	CONN,520120-8-10.....	1	42	121355	HYD TUBE,2-SPEED.....	1
20	48963	FITTING,ELBOW,45D,520320-12*** ..	3	43	121370	HYD.TUBE,DRIVE CASE COOLER.....	1
21	89871-5848	HOSE ASSY,3/4,STR FEM.....	1	44	217059	HOSE ASSY,3/4,STR FEM,STR FEM.....	1
		<i>Components: 48841, 48841 and 94358 @ 56 inches</i>				<i>Components: 48841, 48841 and 48761 @ 16.50 inches</i>	
				45	49117-6191	HOSE ASSY,1/4,90 FEM,STR FEM.....	1
						<i>Components: 48800, 48802 and 48751 @ 60 inches</i>	

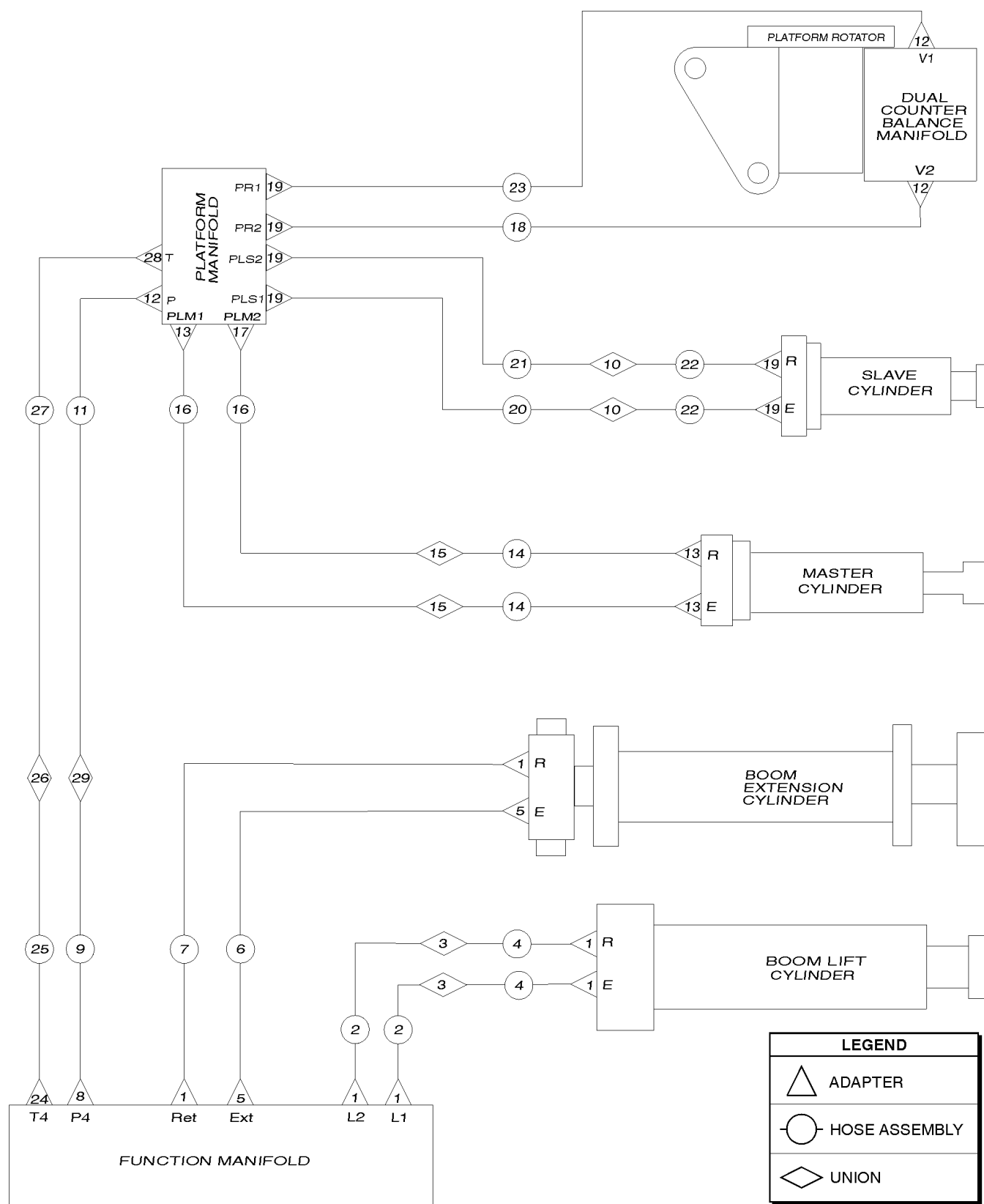
712.1 Turntable Components

(continued)

Item	Part No.	Description	Qty.
46	49149-3126	HOSE ASSY,3/4,45 FEM,STR FEM.....1 <i>Components: 48845, 48841 and 48761 @ 29 inches</i>	1
47	121682	HYD TUBE,STEER TUBE #2.....1	1
48	121683	HYD TUBE,STEER TUBE #1.....1	1
49	121681	HYD TUBE,OSC TUBE.....1	1
50	75254	UNION,STR.THREAD 24***.....1	1
51	75256	VALVE BALL,24 FSAE-24 FSAE***1	1
52	48907	ELBOW,45D,520320-4.....2 <i>(Deutz and Perkins models)</i>	2
--	48905	CONN,520120-4*** <i>(Continental models)</i>	
53	217057	HOSE ASSY,3/8,90 FEM,STR FEM.....2 <i>Components: 48812, 48816 and 48753 @ 24 inches</i>	2
54	121777	CONN,070121-24-24.....1	1
55	49143-2829	HOSE ASSY,1/2,90 FEM,STR FEMR.....1 <i>Components: 48822, 48827 and 48756 @ 28.29 inches</i>	1
--	104186	SEAL, ORFS TUBE FLANGE, 8PLS.....1	1
56	49150-3730	HOSE ASSY,3/4,90 FEM,STR FEM.....1 <i>Components: 48841, 48846 and 48761 @ 37.30 inches</i>	1
--	121222	SEAL, ORFS TUBE FLANGE, 12 PLS.....1	1
57	121366	HYD TUBE, FUNCTION CASE.....1	1
58	121365	HYD TUBE, DRIVE CASE.....1	1
59	75614	ELBOW,90D,LONG,521520-8.....1	1
60	49116-1437	HOSE ASSY,1/4,45 FEM,STR FEM.....1	1
61	49119-1378	HOSE ASSY,1/4,STR FEM,STR FEM.....1	1

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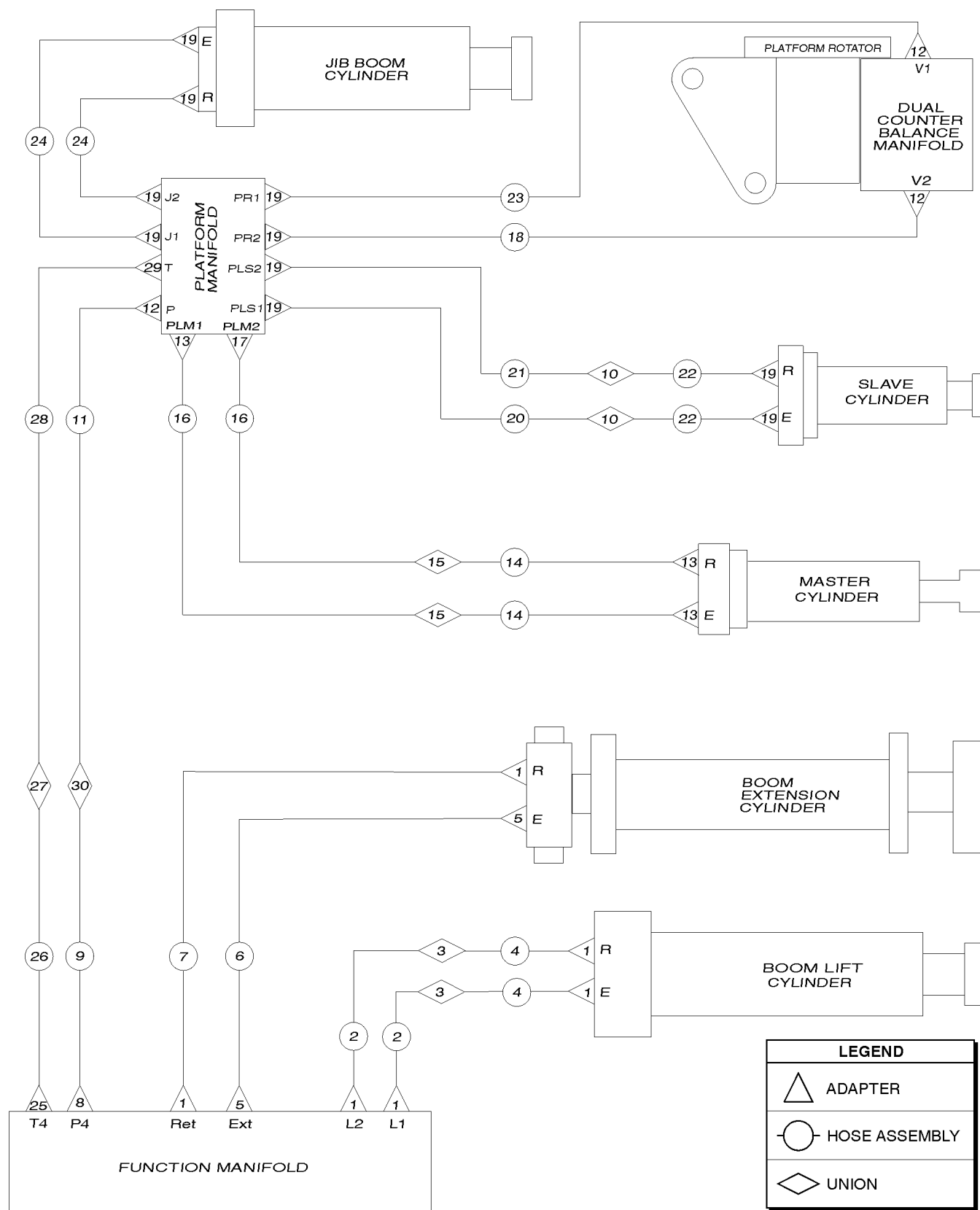
713.1 Boom, S-80X and S-80



713.1 Boom, S-80X and S-80

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	48933	CONN,520120-8***.....	6	16	49116-63837	HOSE ASSY,1/4,45 FEM,STR FEM.....	2
2	49143-14429	HOSE ASSY,1/2,90L FEM,STR FEM.....	2			<i>Components: 48800, 48801 and 48751 @ 636 inches; to SN 8861</i>	
3	48894	CONN,BULKHEAD,520601-8.....	2	--	49119-66978	HOSE ASSY,1/4 STR FEM,STR FEM	
4	49137-5041	HOSE ASSY,1/2,90L FEM,STR FEM.....	2			<i>Components: 48800, 48800 and 48751 @ 668 inches; from SN 8862</i>	
		<i>Components: 48822, 48824 and 48756 @ 48 inches</i>		17	61259	ELBOW,90D,LONG,521520-4.....	1
5	48960	FITTING,CONN,520120-12.....	2	18	49116-2637	HOSE ASSY,1/4,45 FEM,STR FEM.....	1
6	102313-17526	HOSE ASSY,3/4,45 FEM, STR FEM.....	1			<i>Components: 48800, 48801 and 48751 @ 24 inches</i>	
		<i>Components: 48841, 48845 and 94358 @ 172 inches</i>		19	48905	CONN,520120-4***.....	6
7	49141-17463	HOSE ASSY,1/2,45 FEM, STR FEM.....	1	20	49117-4691	HOSE ASSY,1/4,90 FEM,STR FEM.....	1
		<i>Components: 48822, 48826 and 48756 @ 172 inches</i>				<i>Components: 48800, 48802 and 48751 @ 45 inches</i>	
8	48912	CONN,520120-4-6***.....	1	21	121787-4691	HOSE ASSY,1/4,90L FEM,STR FEM.....	1
9	49117-50391	HOSE ASSY,1/4,90 FEM, STR FEM.....	1			<i>Components: 48800, 121788 and 48751 @ 45 inches</i>	
		<i>Components: 48800, 48802 and 48751 @ 502 inches; to SN 8861</i>		22	49117-2791	HOSE ASSY,1/4, 90 FEM,STR FEM.....	2
--	49119-51078	HOSE ASSY,1/4 STR FEM,STR FEM		23	49116-2437	HOSE ASSY,1/4, 45 FEM,STR FEM.....	1
		<i>Components: 48800, 48800 and 48751 @ 509 inches; from SN 8862</i>				<i>Components: 48800, 48801 and 48751 @ 22 inches</i>	
10	61079	ELBOW,90D,BULKHEAD,520701-4.2		24	48916	FITTING,CONN,520120-6.....	1
11	49119-63778	HOSE ASSY,1/4,STR FEM,STR FEM.....	1	25	49128-50409	HOSE ASSY,3/8" 90 FEM,STR FEM.....	1
		<i>Components: 48800, 48800 and 48751 @ 636 inches; to SN 8861</i>				<i>Components: 48816, 48812 and 48753 @ 502 inches</i>	
--	49119-66978	HOSE ASSY,1/4 STR FEM,STR FEM		26	61321	ELBOW,90D,BLKHD,ORFS-6-6 W/NUT.....	1
		<i>Components: 48800, 48800 and 48751 @ 668 inches; from SN 8862</i>		27	49130-63782	HOSE ASSY 3/8, STR FEM,STR FEM.....	1
12	48907	ELBOW,45D,520320-4.....	4			<i>Components: 48812, 48812 and 48753 @ 636 inches</i>	
13	48904	ELBOW,90D,520220-4-4.....	3	28	48920	ELBOW,45D,520320-6.....	1
14	49117-33391	HOSE ASSY,1/4,90 FEM,STR FEM.....	2	29	61079	ELBOW,90D,BULKHEAD,520701-4.1 to SN 8861	
		<i>Components: 48800, 48802 and 48751 @ 332 inches; to SN 8861</i>		--	61269	UNION,BULKHEAD,ORFS,520601,-4 from SN 8862	
--	49119-34078	HOSE ASSY,1/4.STR FEM,STR FEM*					
		<i>Components: 48800, 48800 and 48751 @ 339 inches; from SN 8862</i>					
15	61268	CONN,BULKHEAD,520801,-4.....	2				
		<i>to SN 8861</i>					
--	61269	UNION,BULKHEAD,ORFS,520601,-4 from SN 8862					

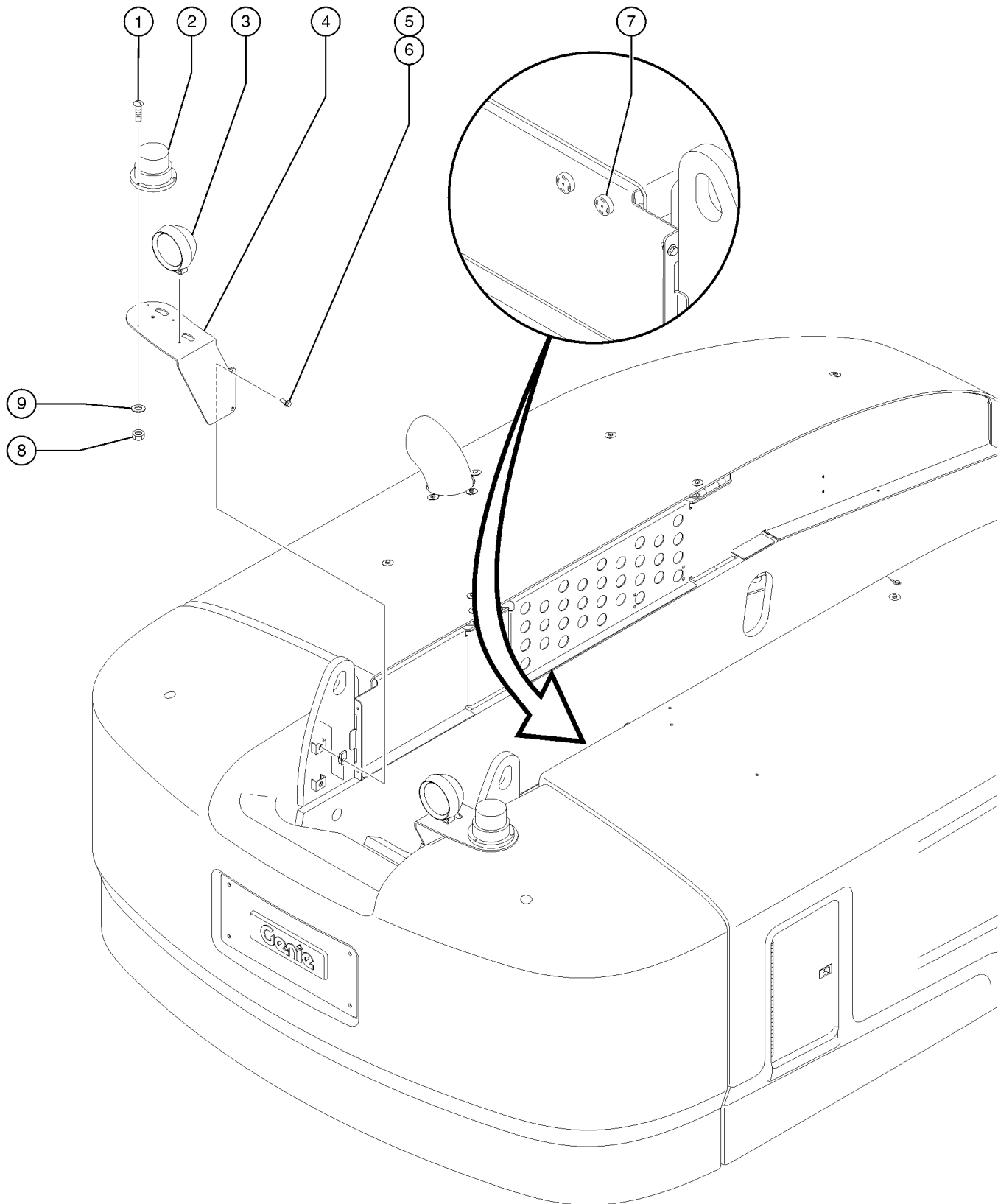
714.1 Boom, S-85



714.1 Boom, S-85

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	48933	CONN,520120-8***.....	6	16	49116-71437	HOSE ASSY,1/4,45 FEM,STR FEM.....	2
2	49143-14429	HOSE ASSY,1/2,90L FEM,STR FEM.....	2			<i>Components: 48800, 48801 and 48751 @ 712 inches; to SN 8861</i>	
3	48894	CONN,BULKHEAD,520601-8.....	2	--	49119-74578	HOSE ASSY,1/4 STR FEM,STR FEM	
4	49137-5041	HOSE ASSY,1/2,90L FEM,STR FEM.....	2			<i>Components: 48800, 48800 and 48751 @ 744 inches; from SN 8862</i>	
		<i>Components: 48822, 48824 and 48756 @ 48 inches</i>		17	61259	ELBOW,90D,LONG,521520-4.....	1
5	48960	FITTING,CONN,520120-12.....	2	18	49116-2637	HOSE ASSY,1/4,45 FEM,STR FEM.....	1
6	102313-17526	HOSE ASSY,3/4,45 FEM, STR FEM.....	1			<i>Components: 48800, 48801 and 48751 @ 24 inches</i>	
		<i>Components: 48841, 48845 and 94358 @ 172 inches</i>		19	48905	CONN,520120-4***	10
7	49141-17463	HOSE ASSY,1/2,45 FEM, STR FEM.....	1	20	49117-13291	HOSE ASSY,1/4,90 FEM,STR FEM.....	1
		<i>Components: 48822, 48826 and 48756 @ 172 inches</i>				<i>Components: 48800, 48802 and 48751 @ 131 inches</i>	
8	48912	CONN,520120-4-6***	1	21	121787-13291	HOSE ASSY,1/4,90L FEM,STR FEM.....	1
9	49117-50391	HOSE ASSY,1/4,90 FEM, STR FEM.....	1			<i>Components: 48800, 121788 and 48751 @ 131 inches</i>	
		<i>Components: 48800, 48802 and 48751 @ 502 inches; to SN 8861</i>		22	49117-2791	HOSE ASSY,1/4, 90 FEM,STR FEM.....	2
--	49119-51078	HOSE ASSY,1/4 STR FEM,STR FEM		23	49116-2437	HOSE ASSY,1/4, 45 FEM,STR FEM.....	1
		<i>Components: 48800, 48800 and 48751 @ 509 inches; from SN 8862</i>				<i>Components: 48800, 48801 and 48751 @ 22 inches</i>	
10	61079	ELBOW,90D,BULKHEAD,520701-4.3		24	217055	HOSE ASSY,1/4,STR FEM,STR FEM.....	2
11	49119-71378	HOSE ASSY,1/4,STR FEM,STR FEM.....	1			<i>Components: 48800, 48801 and 101697 @ 22 inches</i>	
		<i>Components: 48800, 48800 and 48751 @ 712 inches; to SN 8861</i>		25	48916	FITTING,CONN,520120-6.....	1
--	49119-74578	HOSE ASSY,1/4 STR FEM,STR FEM		26	49128-50409	HOSE ASSY,3/8" 90 FEM,STR FEM.....	1
		<i>Components: 48800, 48800 and 48751 @ 744 inches; from SN 8862</i>				<i>Components: 48816, 48812 and 48753 @ 502 inches</i>	
12	48907	ELBOW,45D,520320-4.....	3	27	61321	ELBOW,90D,BLKHD,ORFS-6-6 W/NUT	1
13	48904	ELBOW,90D,520220-4-4.....	3	28	49130-71382	HOSE ASSY 3/8, STR FEM,STR FEM.....	1
14	49117-33391	HOSE ASSY,1/4,90 FEM,STR FEM.....	2			<i>Components: 48812, 48812 and 48753 @ 712 inches</i>	
		<i>Components: 48800, 48802 and 48751 @ 332 inches; to SN 8861</i>		29	48920	ELBOW,45D,520320-6.....	1
--	49119-34078	HOSE ASSY,1/4.STR FEM,STR FEM*		30	61079	ELBOW,90D,BULKHEAD,520701-4.1 to SN 8861	
		<i>Components: 48800, 48800 and 48751 @ 339 inches; from SN 8862</i>		--	61269	UNION,BULKHEAD,ORFS,520601,-4 from SN 8862	
15	61268	CONN,BULKHEAD,520801,-4.....	2				
		<i>to SN 8861</i>					
--	61269	UNION,BULKHEAD,ORFS,520601,-4 from SN 8862					

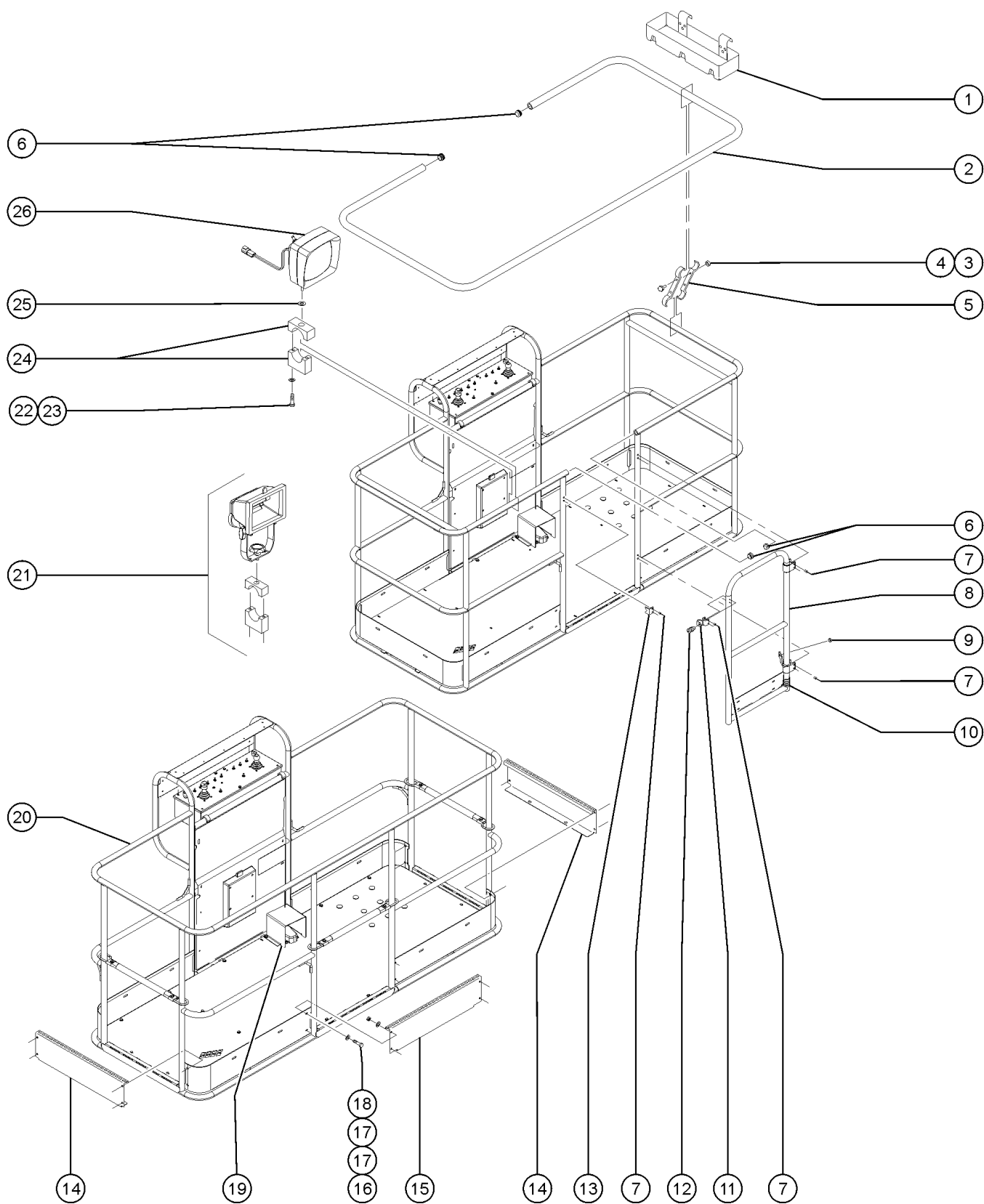
801.1 Alarm and Beacon Package, Driving Lights



801.1 Alarm and Beacon Package, Driving Lights

Item	Part No.	Description	Qty.
1	6147	SCREW,RHM,10-32 X 1	
2	56704	STROBE,FIREBOLT,12-80VDC,AMB** <i>Replaced 20189</i>	
--	121489	HARNESS,BEACON,S80/85 2008	
--	122019	FLASHTUBE,U SHAPED,360DEG,BULB	
--	226393	FLASHTUBE,STRAIGHT,360DEG,BULB	
--	72282	LENS,AMBER,STROBE,FIREBOLT	
3	107857	WORKLIGHT,12 VOLT***.....2	
3A	35960	BULB,WORKLIGHT,12V 35W	
4	121589	FORMING,DRIVE LIGHT,RIGHT,S80.....1	
--	121588	FORMING,DRIVE LIGHT,LEFT,S80	
5	121066	SCREW,HHC,FLG,3/8-16 X 1 GR8	
6	29868	SPRING CLIP,3/8-16.....4	
7	18963	ALARM.INTERMITTENT TONE.24V.....1 <i>Does not include 72326 nut</i>	
--	73236	NUT - PLASTIC,RING FOR ALARMS.....1	
8	6178	NUT,NYLOCK,10-32	
9	6146	WASHER,FLAT,MS,#10,Y	

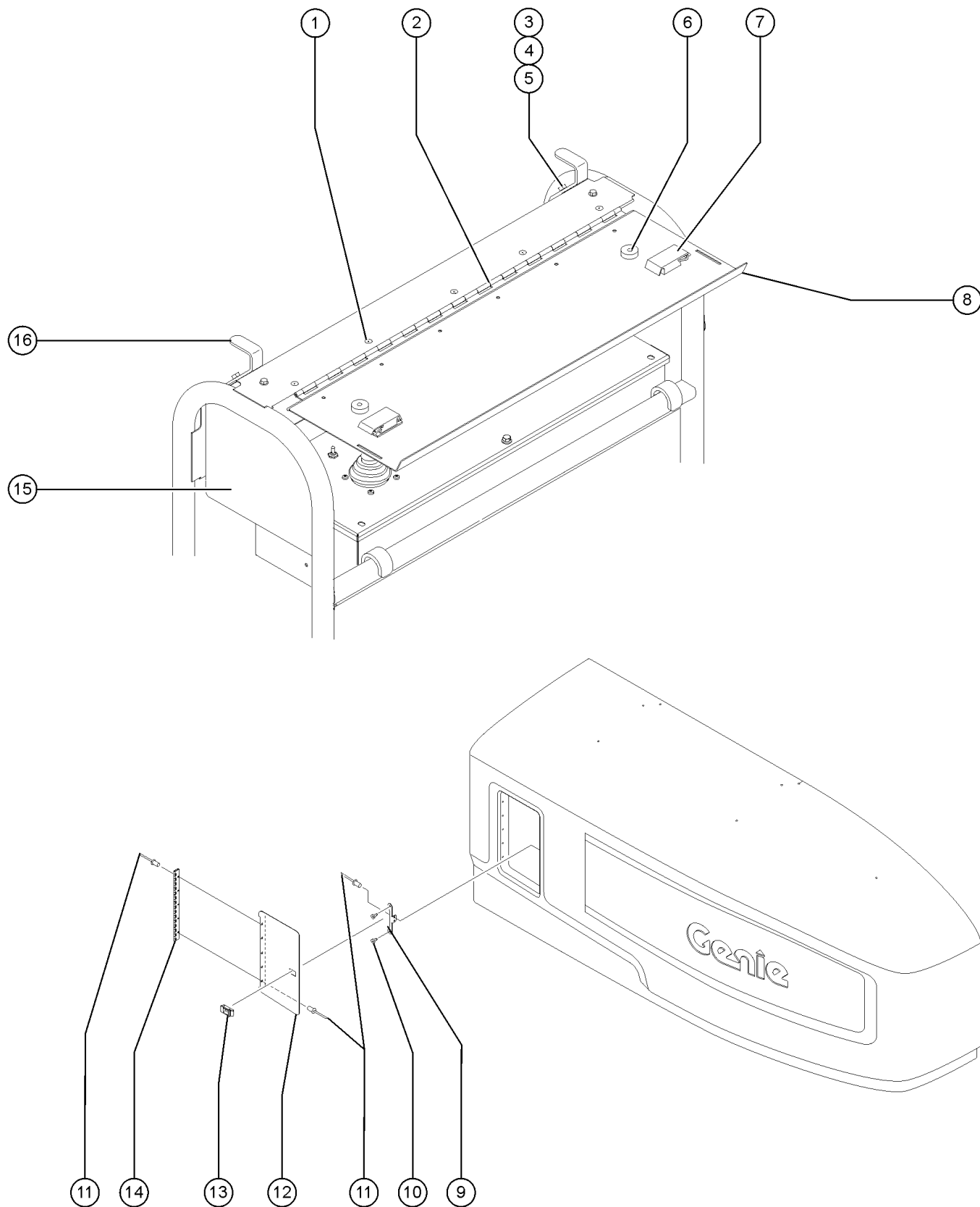
802.1 Platform Options



802.1 Platform Options

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	53808-S	AUX TOP RAIL,6'(1.25")SERVICE		9	43392	BUMPER,BATTERY BOX & RAILS.....	1
--	122278	AUX TOP RAIL,6',SWG GT, SRV		10	42104	SPRING,SHORT PLATFORM GATE	
--	53807-S	AUX TOP RAIL,8'(1.25")SERVICE		11	1487	GATE LATCH CASTING--DRILLED.....	1
--	122279	AUX TOP RAIL,8',SWG GT, SRV		12	33674	PIN,LOCK,SHORT***.....	1
--	111486P	AUX TOP RAIL,8FT,PTD.....2 <i>For use with swing gate</i>	2	13	1488	RAILING CATCH CASTING--DRILLED.....	1
--	102720	OPT,TOEBOARD,8'TRI ENTRY,EURO		14	102721P	TOEBOARD,8'TRI ENTRY.....	2
--	122675	6' TRI-ENT ASSY W/DECALS ANSI (Complete) USA and Canadian models		15	94745P	TOEBOARD,ENTRY EUROPEAN PNTD**.....	1
--	122676	8' TRI-ENT ASSY W/DECALS ANSI (Complete) USA and Canadian models		16	6090	SCREW,HHC,1/4-20 X .75	
--	122677	6' TRI-ENT ASSY W/DECALS AUSTR (Complete) Australian models		17	6638	WASHER,FLAT,USS,1/4"Y	
--	122678	8' TRI-ENT ASSY W/DECALS AUSTR (Complete) Australian models		18	6091	NUT,NYLOCK,1/4-20	
--	102439	8' TRI-ENT ASSY W/DECALS CE (Complete) European models		19	128429	LARGE FOOT SWITCH COVER	
--	102436	6' TRI-ENT ASSY W/DECALS A/SOA (Complete) Asia and South American models		20	111319	6' TRI-ENT RAIL W/DECALS ANSI USA and Canadian models	
--	102440	8' TRI-ENT ASSY W/DECALS A/SOA (Complete) Asia and South American models		--	111320	8' TRI-ENT RAIL W/DECALS ANSI USA and Canadian models	
1	9599-S	TOOL TRAY ACCESSORY***.....	1	--	107707	6' TRI-ENT RAIL W/DECALS AUSTR.....1 <i>Australian models</i>	1
2	1259704	PINCH GUARD RAIL,6' PLATFORM.....1 <i>includes 55753 bumpers</i>	1	--	107708	8' TRI-ENT RAIL W/DECALS AUSTR <i>Australian models</i>	
--	52661	PINCH GUARD RAIL,8' PLATFORM**		--	107706	8' TRI-ENT RAIL W/DECALS CE/UK.....1 <i>European models</i>	1
3	6889	NUT,LP NYLOCK,1/4-20		--	107709	6' TRI-ENT RAIL W/DECALS A/SOA.....1 <i>Asia and South American models</i>	1
4	122231	SCREW,BHSC,1/4-20 X 1		--	107710	8' TRI-ENT RAIL W/DECALS A/SOA <i>Asia and South American models</i>	
5	122073	SUPPORT, RAILING.....	20	21	88904	WORKLIGHT,110V,150WATT,HALOGEN	
6	55753	BUMPER, PLASTIC, 1.25 O.D.....	4	--	75519	CLAMP,WORKLIGHT	
7	7265	RIVET,STEEL,P .25 X .375.....	14	22	6145	SCREW,HHC,1/4-20 X 1.5	
8	128368	KIT,SWING GATE W/SPRING.....	1	23	6356	WASHER,LOCK,.25	
8A	119950	KIT,FIELD INSTALL,SWING GATE <i>Includes 128368</i>		24	35956	BRACKET,WORK LIGHT MOUNT 5/16".....	2
--	1487	GATE LATCH CASTING--DRILLED		25	5397	WASHER,FLAT,USS,5/16",Y	
--	1488	RAILING CATCH CASTING--DRILLED		26	71498	WORKLIGHT, 12V, DEUTSCH RECEPT.....	2
--	33674	PIN,LOCK,SHORT***					
--	9596	HINGE CASTING					

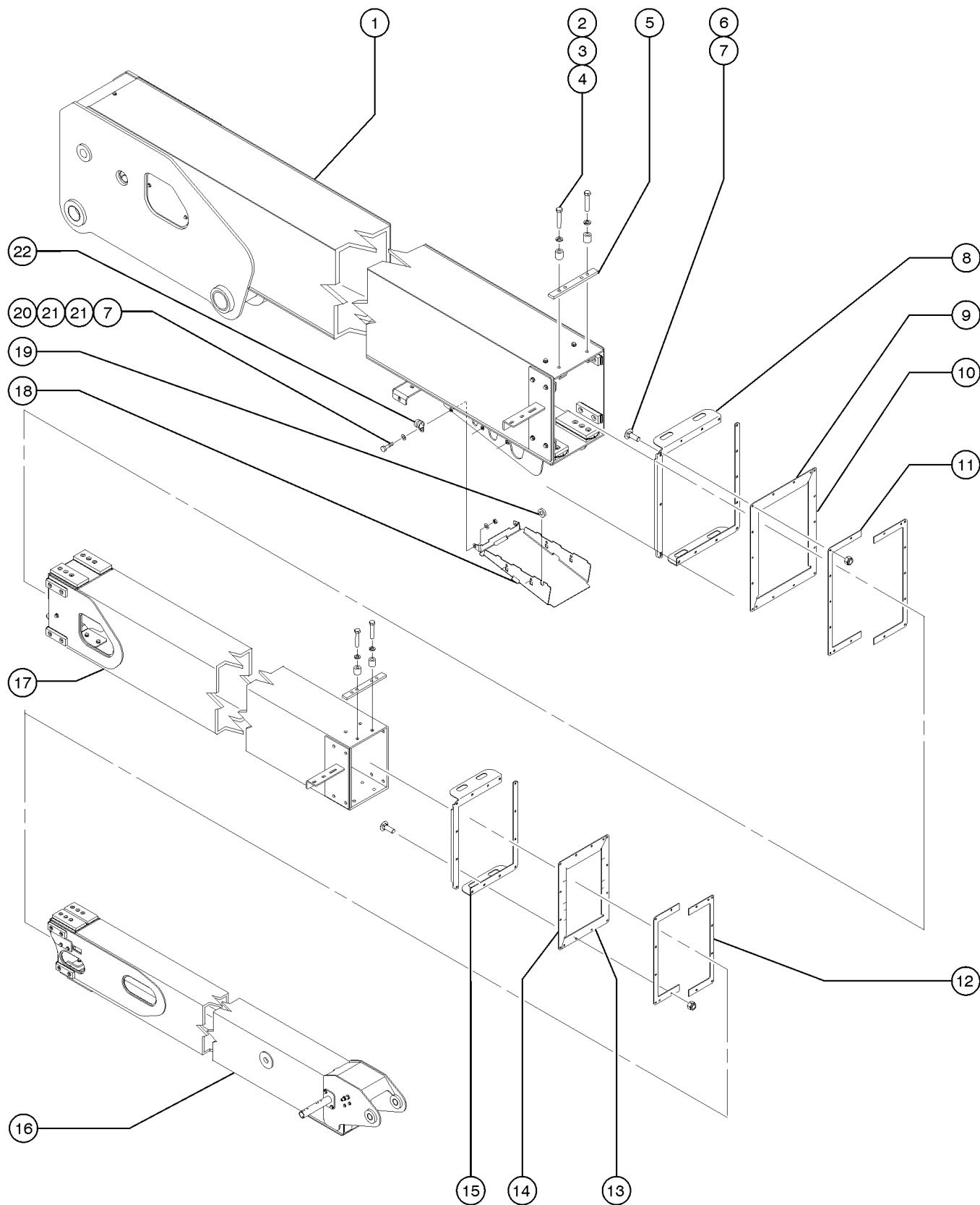
803.1 Hostile Environment Package - Ground and Platform Control Box Covers



803.1 Hostile Environment Package - Ground and Platform Control Box Covers

Item	Part No.	Description	Qty.
1	54486	RVET,ALUM,ALUM,3/16BUTTONHEAD.11	
2	111526	HINGE,PLAT CONTROL BOX COVER.....1	
3	6889	NUT,LP NYLOCK,1/4-20	
4	6638	WASHER,FLAT,USS,1/4"Y	
5	6888	SCREW,HHC,1/4-20 X 1	
6	43392	BUMPER,BATTERY BOX & RAILS.....2	
7	30468	LATCH,SLIDE, FLUSH MOUNT STYLE.....2	
8	102676	LID ASSY,CONTROL BOX COVER PLT1	
--	102785P	CONTROL BOX COVER,LID,PTD	
9	121832	FORMING,LATCH GROUND BOX COVER.....1	
10	34619	BUMPER,RUBBER***2	
11	53189	RIVET,ALUM,ALUM,P,.25X.375.....12	
12	121833	FORMING,GROUND BOX COVER1	
13	30468	LATCH,SLIDE, FLUSH MOUNT STYLE	
14	121831	HINGE,GROUND BOX COVER.....1	
15	88607P	COVER,CONTROL BOX LEFT SIDE***1	
--	88606P	COVER,CONTROL BOX RIGHT SIDE**	
16	102786P	FORMING,LATCH,CTRL BOX LID PTD.....2	

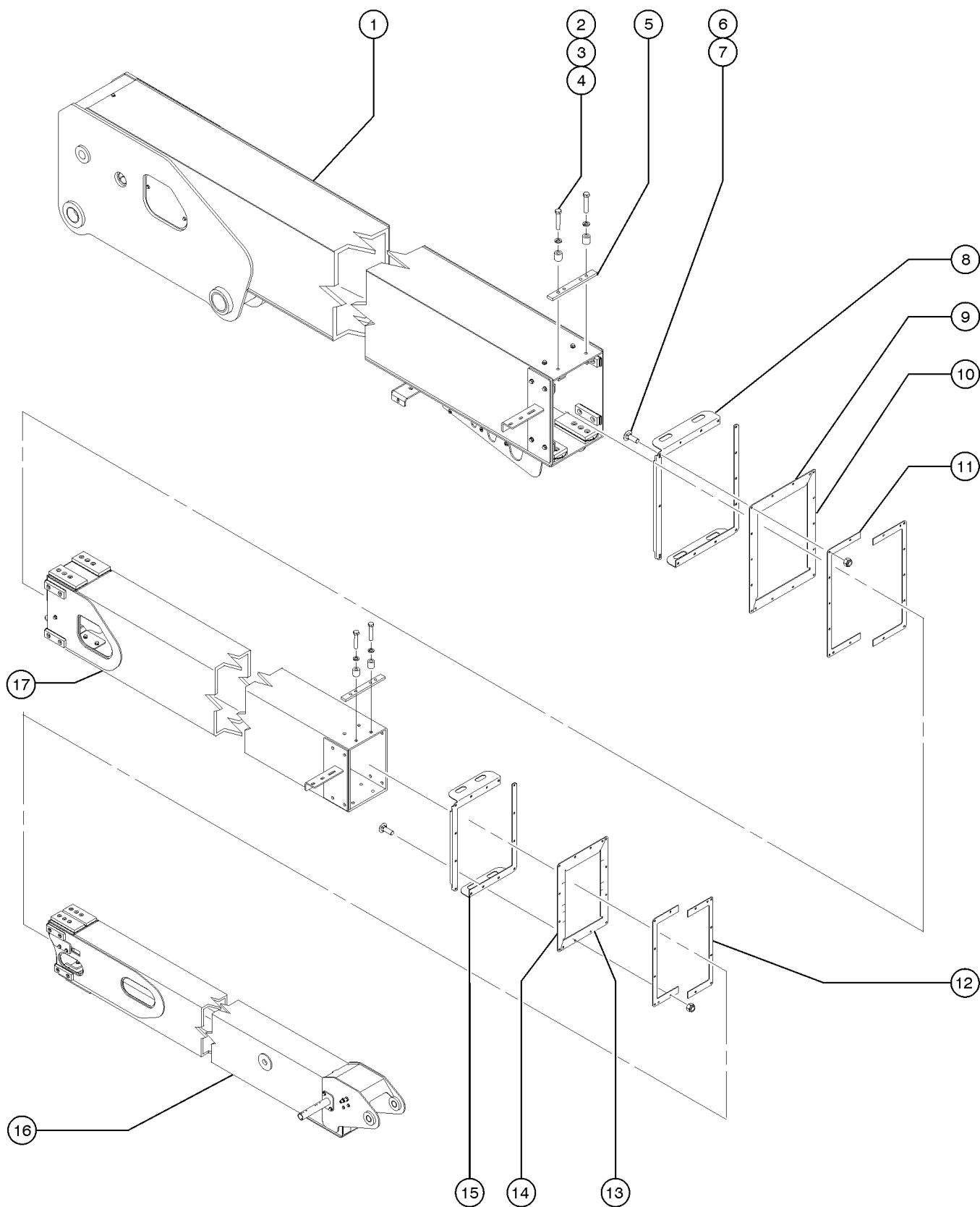
804.1 Hostile Environment Package - Booms, S-80X and S-80



804.1 Hostile Environment Package - Booms, S-80X and S-80

Item	Part No.	Description	Qty.
1	REF.	BOOM TUBE 1 (Refer to 502.1)	
2	5224	SCREW,HHC,3/8-16 X 2	
3	6021	WASHER,LOCK,.375	
4	101932	TUBE,RD,STL,DOM,.75X.38X.78....8	
5	121173	SPACER, BOOM WIPER TOP.....2	
6	6878	BOLT,CARRIAGE,1/4-20 X .75,G2	
7	6091	NUT,NYLOCK,1/4-20	
8	121166	FORMING, BRKT, WIPER, BOOM #1.....2	
9	121659	WIPER, RUBBER, S80, SEC#1, TOP.....1	
10	121660	WIPER, RUBBER, S80, SEC#1, BOT.....1	
11	121167	PLATE, WIPER BACKING, BOOM #1.....2	
12	121170	ROLLER, 1/2" PVC.....2	
13	121662	WIPER, RUBBER, S80, SEC#2, BOT.....1	
14	121661	WIPER, RUBBER, S80, SEC#2, TOP.....1	
15	121169	FORMING, BRKT, WIPER, BOOM #2.....2	
16	REF.	BOOM TUBE 3 (Refer to 504.1)	
17	REF.	BOOM TUBE 2 (Refer to 503.1)	
18	147784	COVER, LIMIT SWITCH ASSY, S80.....1 <i>For S-80X ANSI only, from SN 8500</i>	
19	42646	GROMMET,RUBBER .25 X .50"OD.....1 <i>For S-80X ANSI only, from SN 8500</i>	
20	6888	SCREW,HHC,1/4-20 X 1 <i>For S-80X ANSI only, from SN 8500</i>	
21	6638	WASHER,FLAT,USS,1/4"Y <i>For S-80X ANSI only, from SN 8500</i>	
22	6833	CLAMP,0.50,#8 X 1/4,RUB CUSH....3 <i>For S-80X ANSI only, from SN 8500</i>	

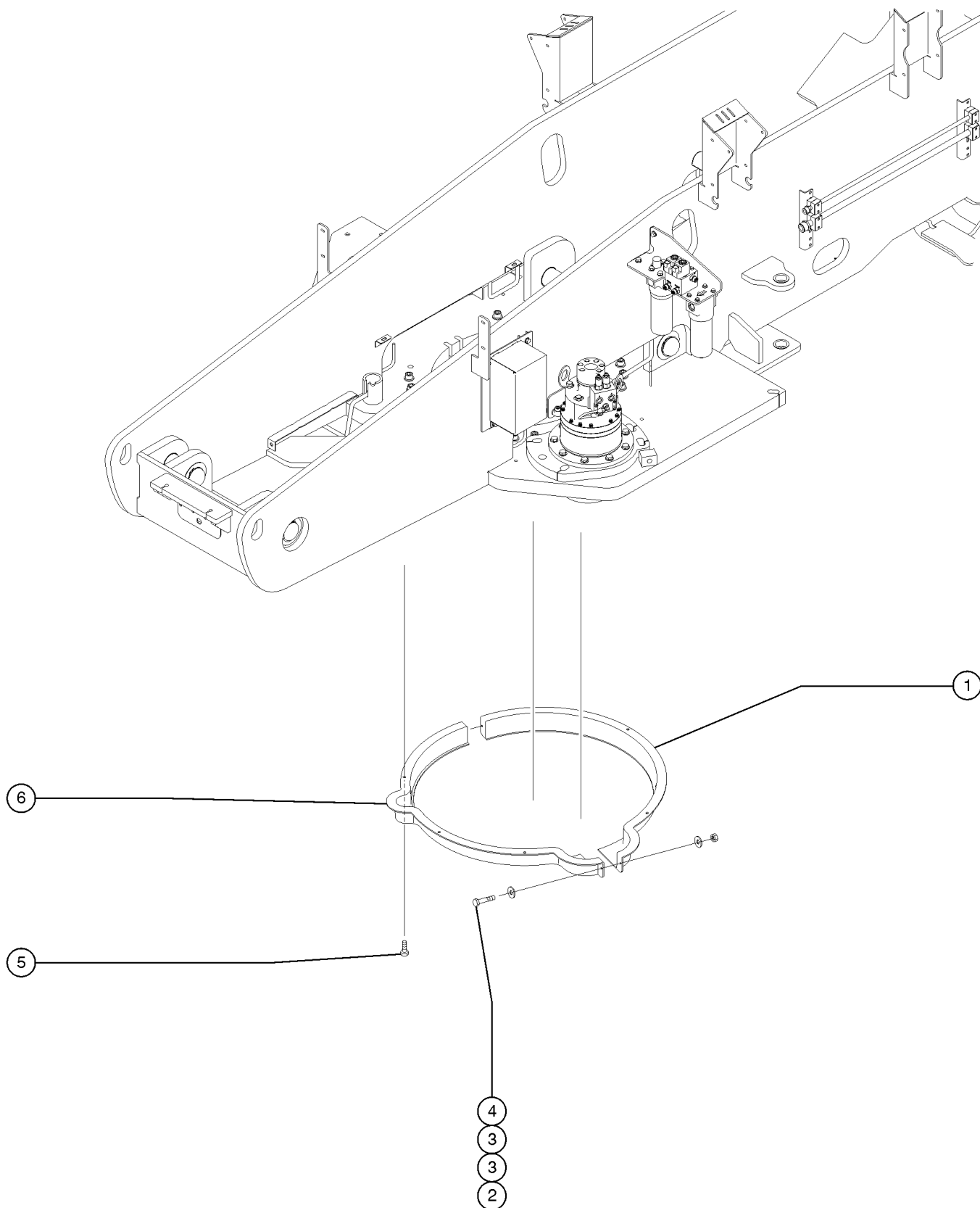
804.1 Hostile Environment Package - Booms, S-85



804.1 Hostile Environment Package - Booms, S-85

Item	Part No.	Description	Qty.
1	REF.	BOOM TUBE 1 (Refer to 502.1)	
2	5224	SCREW,HHC,3/8-16 X 2	
3	6021	WASHER,LOCK,.375	
4	101932	TUBE,RD,STL,DOM,.75X.38X.78....8	
5	121173	SPACER, BOOM WIPER TOP.....2	
6	6878	BOLT,CARRIAGE,1/4-20 X .75,G2	
7	6091	NUT,NYLOCK,1/4-20	
8	121166	FORMING, BRKT, WIPER, BOOM #1.....2	
9	121659	WIPER, RUBBER, S80, SEC#1, TOP.....1	
10	121660	WIPER, RUBBER, S80, SEC#1, BOT.....1	
11	121167	PLATE, WIPER BACKING, BOOM #1.....2	
12	121170	ROLLER, 1/2" PVC.....2	
13	121662	WIPER, RUBBER, S80, SEC#2, BOT.....1	
14	121661	WIPER, RUBBER, S80, SEC#2, TOP.....1	
15	121169	FORMING, BRKT, WIPER, BOOM #2.....2	
16	REF.	BOOM TUBE 3 (Refer to 504.1)	
17	REF.	BOOM TUBE 2 (Refer to 503.1)	

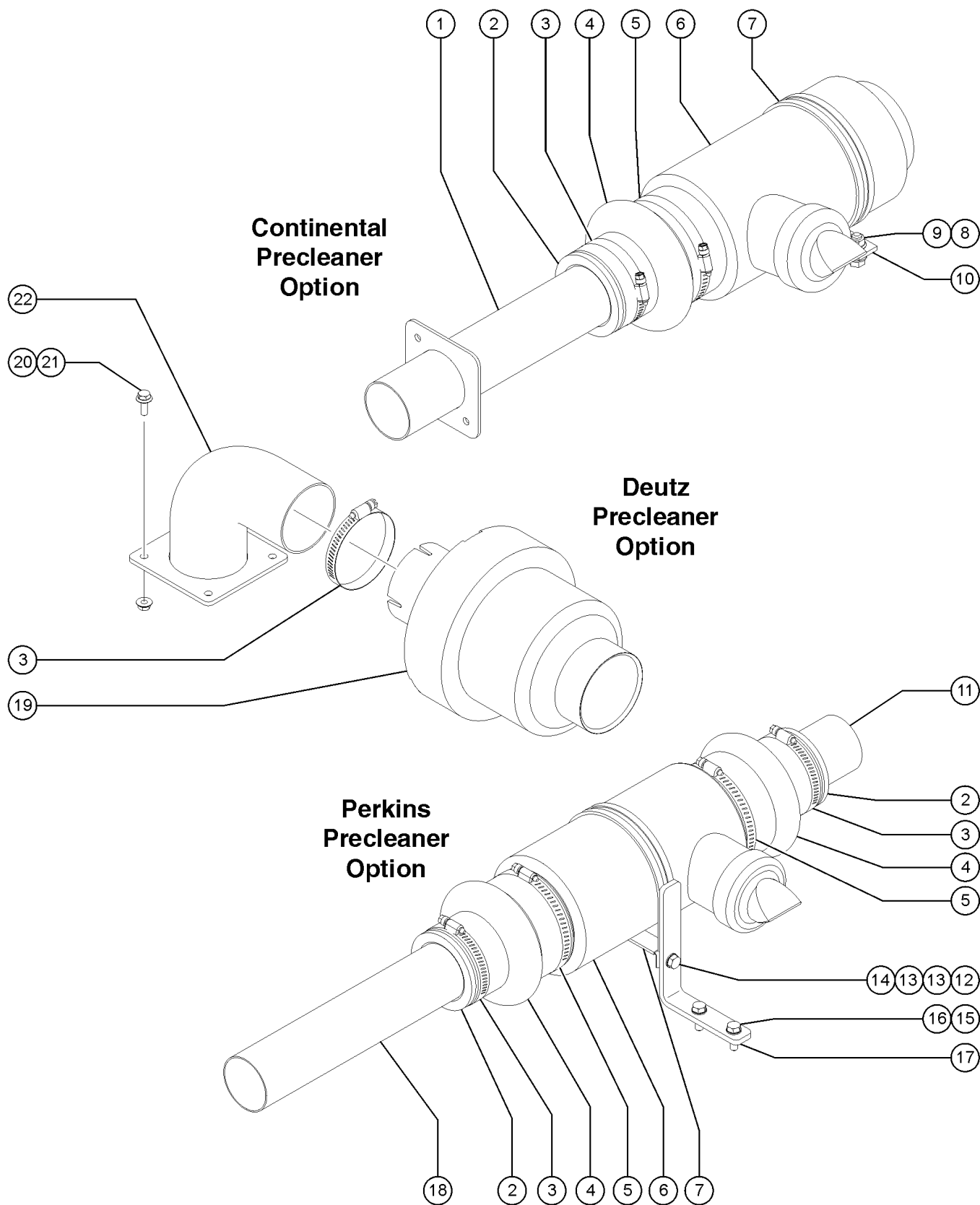
805.1 Hostile Environment Package - Turntable



805.1 Hostile Environment Package - Turntable

Item	Part No.	Description	Qty.
1	121316	COVER, RING GEAR FRONT.....	1
2	6090	SCREW,HHC,1/4-20 X .75	
3	6638	WASHER,FLAT,USS,1/4"Y	
4	6091	NUT,NYLOCK,1/4-20	
5	121066	SCREW,HHC,FLG,3/8-16 X 1 GR8.....	6
6	121317	COVER, RING GEAR REAR.....	1

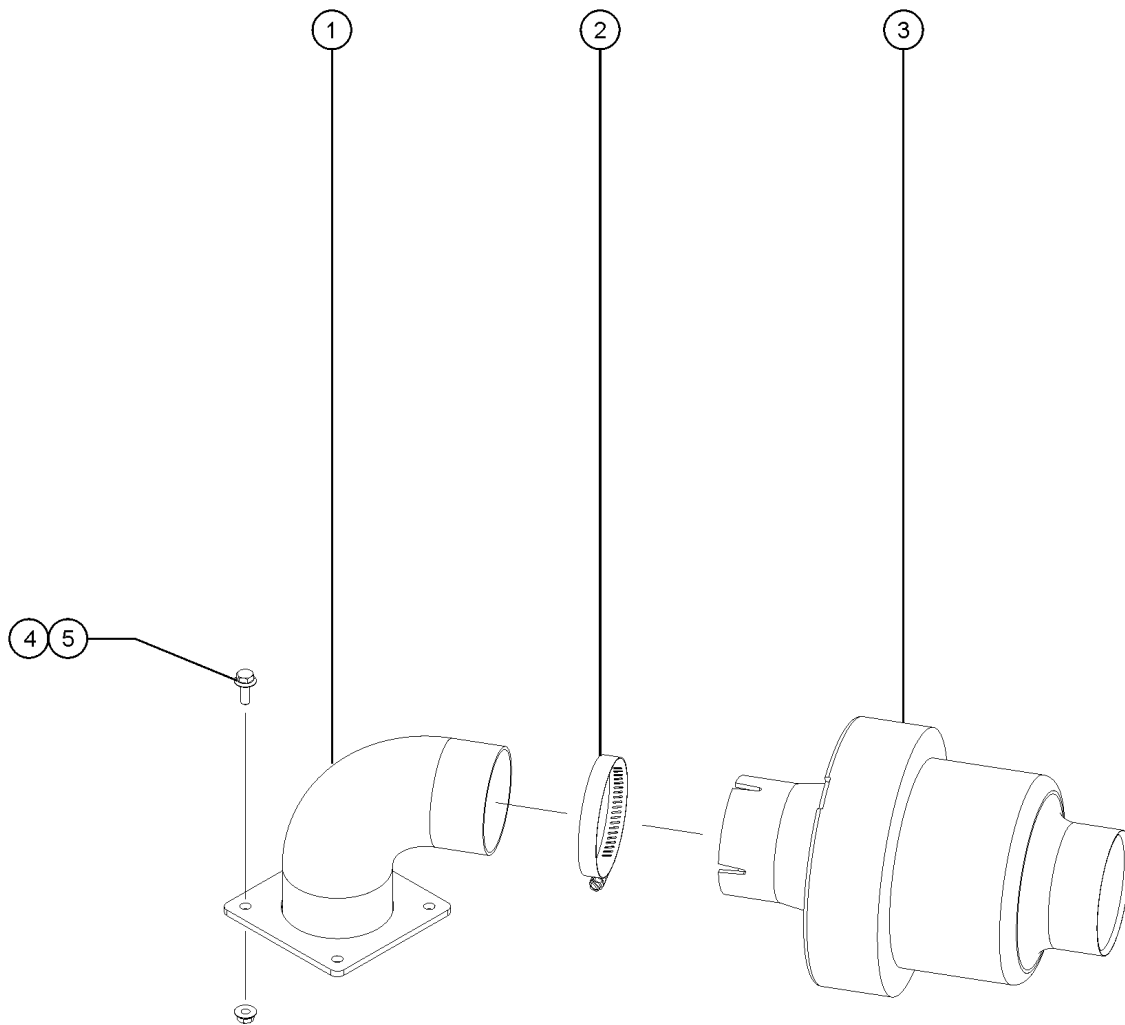
806.1 Hostile Environment Package - Engine Air Cleaners



806.1 Hostile Environment Package - Engine Air Cleaners

Item	Part No.	Description	Qty.
--	REF.	<i>For Engine Air Cleaner on Perkins 404F-22T and Deutz TD 2.9L4 refer to 806.2</i>	
--	61325	AIR CLEANER,SECONDARY ELEMENT	
1	121192	WELDMENT,PRECLEANER OUTLET.....	1
2	101640	REDUCER,RUBBER 3.0 - 2.5.....	3
3	30971	CLAMP,HOSE,3.00".....	3
4	88492	HOSE,HUMP 3" TO 4".....	3
5	34955	CLAMP,HOSE,5.00.....	3
6	88493	PRECLEANER,AIR INTAKE.....	2
7	101639	CLAMP,5.38,#86 X 3/8,RUB CUSH.....	2
8	121066	SCREW,HHC,FLG,3/8-16 X 1 GR8	
9	121422	NUT,HEX,FLG,3/8-16	
10	121629	PLATE,PRECLEANER MT,CONT....	1
11	94324-500	TUBE,RD,STL,ALUMIZD,2.5 X .065.....	1
12	4828	NUT,NYLOCK,3/8-16	
13	5397	WASHER,FLAT,USS,5/16",Y	
14	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5	
15	49379	SCREW,HHC,M8 X 1.25 X 25	
16	33277	WASHER,FLAT,M8,YELLOW ZINC	
17	101612P	BRACKET,PRECLEANER PAINTED.....	1
18	94324-1400	TUBE,RD,STL,ALUMIZD,2.5 X .065	
19	89959	PRECLEANER,INLINE 3".....	1
20	121419	SCREW,HHF,1/4-20 X .75	
21	121421	NUT,FLG,1/4-20	
22	121413	WELDMENT,PRECLEANER MT,DEUTZ.....	1

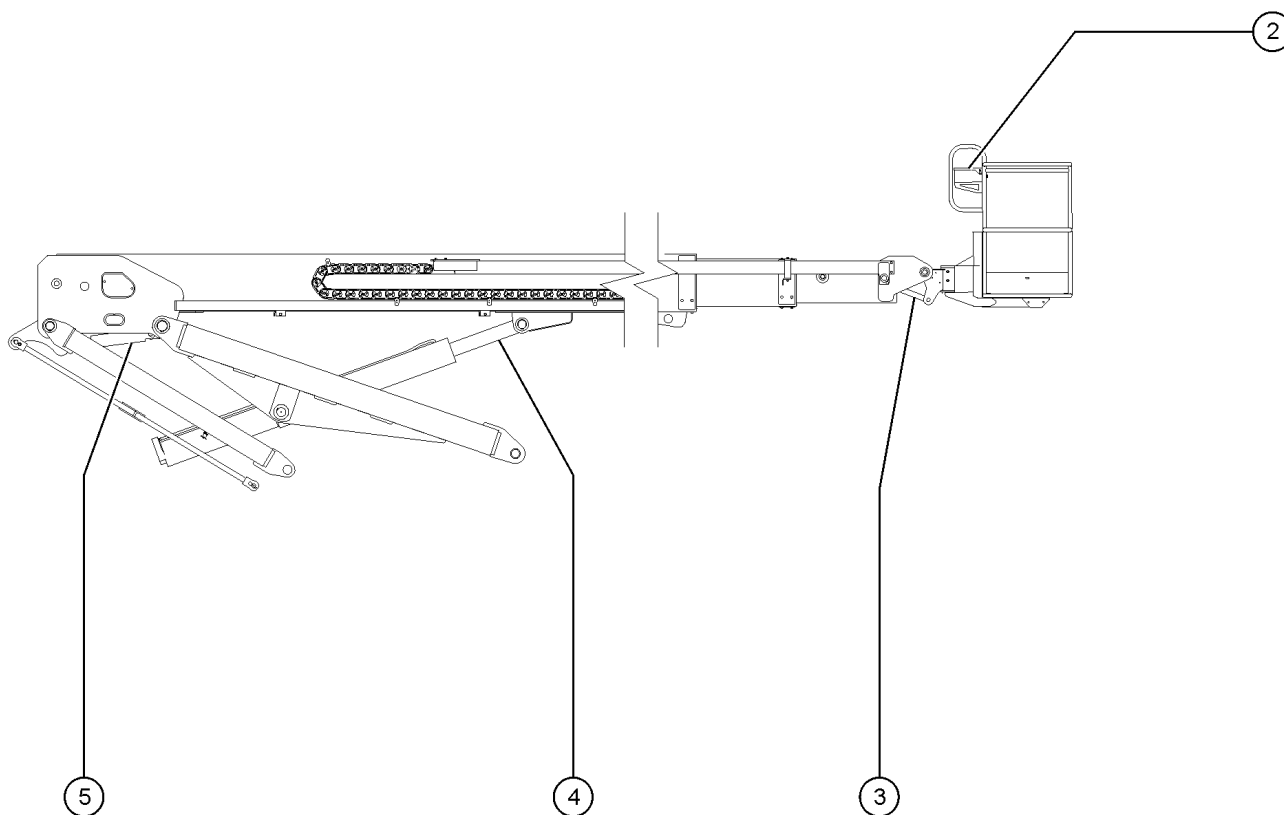
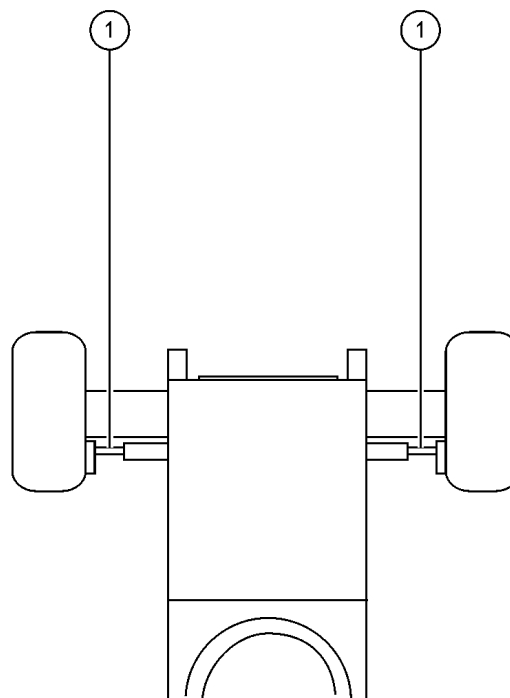
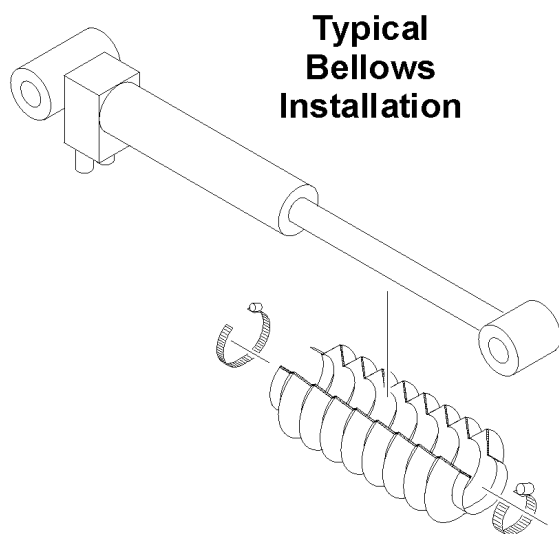
806.2 Engine Air Cleaners (Perkins 404F-22T and Deutz TD 2.9L4)



806.2 Engine Air Cleaners (Perkins 404F-22T and Deutz TD 2.9L4)

Item	Part No.	Description	Qty.
1	825948	WLDT, PRECLEANER MT,DEUTZ/PERK.....	1
2	30971	CLAMP,HOSE,3.00".....	1
3	89959	PRECLEANER,INLINE 3".....	1
4	121419	SCREW,HHF,1/4-20 X .75	
5	121421	NUT,FLG,1/4-20	

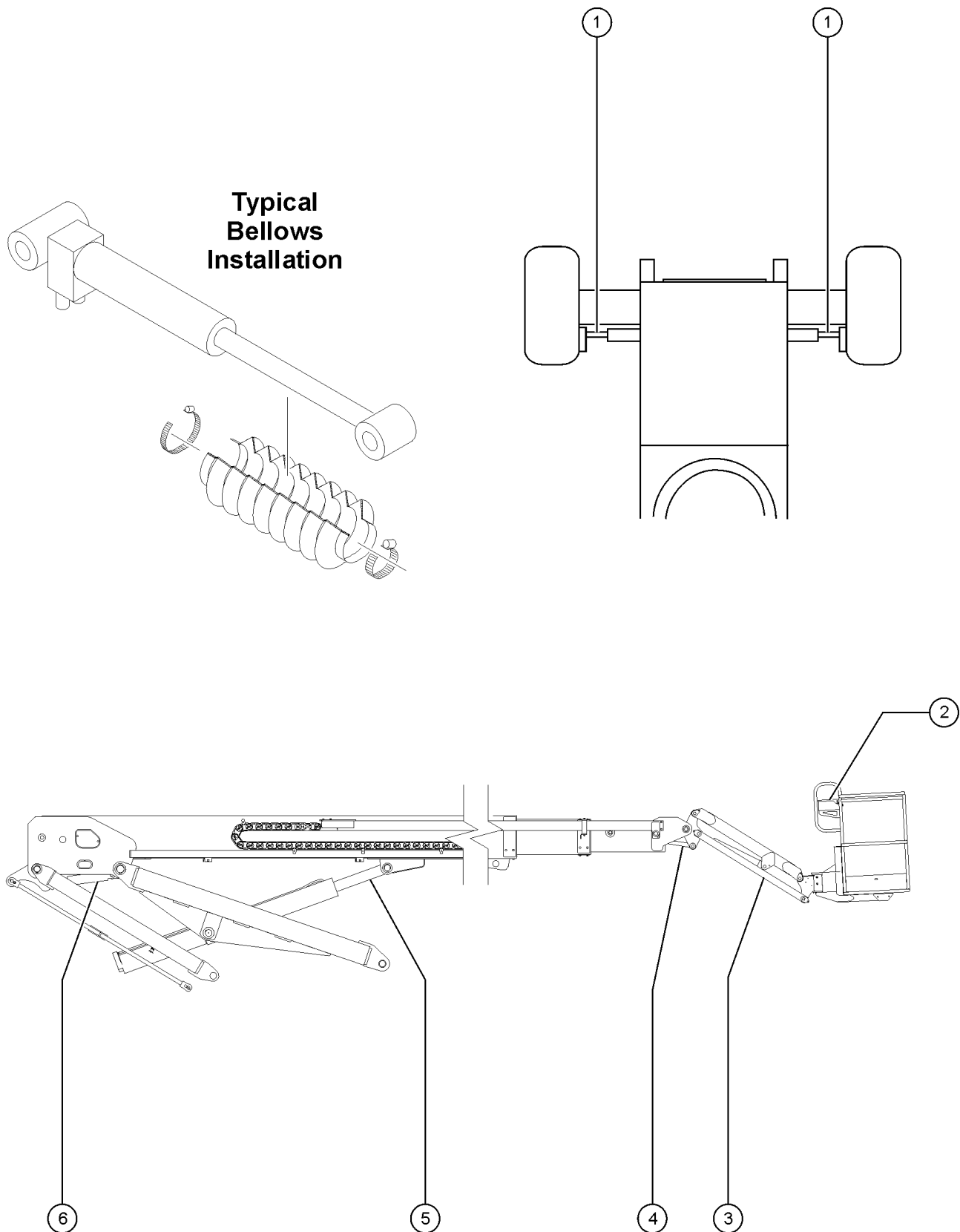
807.1 Hostile Environment Package - Cylinder Bellows, S-80X and S-80



807.1 Hostile Environment Package - Cylinder Bellows, S-80X and S-80

Item	Part No.	Description	Qty.
--	81700	COVER,PROTECTIVE,OSC.CYLINDER	
--	35432	CLAMP,HOSE,6.50	
--	45435	CLAMP,HOSE,2.50***	
1	34533	COVER,PROTECTIVE,STEER CYL.....2	
--	30971	CLAMP,HOSE,3.00"	
--	35434	CLAMP,HOSE,2.00***	
2	133307	DECAL,PROTECTOR,CLEAR.....1	
3	94537	BELLOWS,CYLINDER,PLAT LEVEL.....1	
--	230995	COVER,HSE&CBL DLX HOSTILE	
--	23405	NUTSERT,10-32 STEEL CAD PLTD	
--	30489	CLAMP,HOSE,3.50	
--	49819	SCREW,PHILLIPS,PHM,10-32 X .5	
--	6146	WASHER,FLAT,MS,#10,Y	
4	121178	BELLOWS, LIFT CYLINDER.....1	
--	31523	CLAMP,HOSE,8.50 DIA***	
--	34955	CLAMP,HOSE,5.00	
5	121177	BELLOWS, MASTER CYLINDER....1	
--	22672	CLAMP,HOSE,1.75	
--	34955	CLAMP,HOSE,5.00	

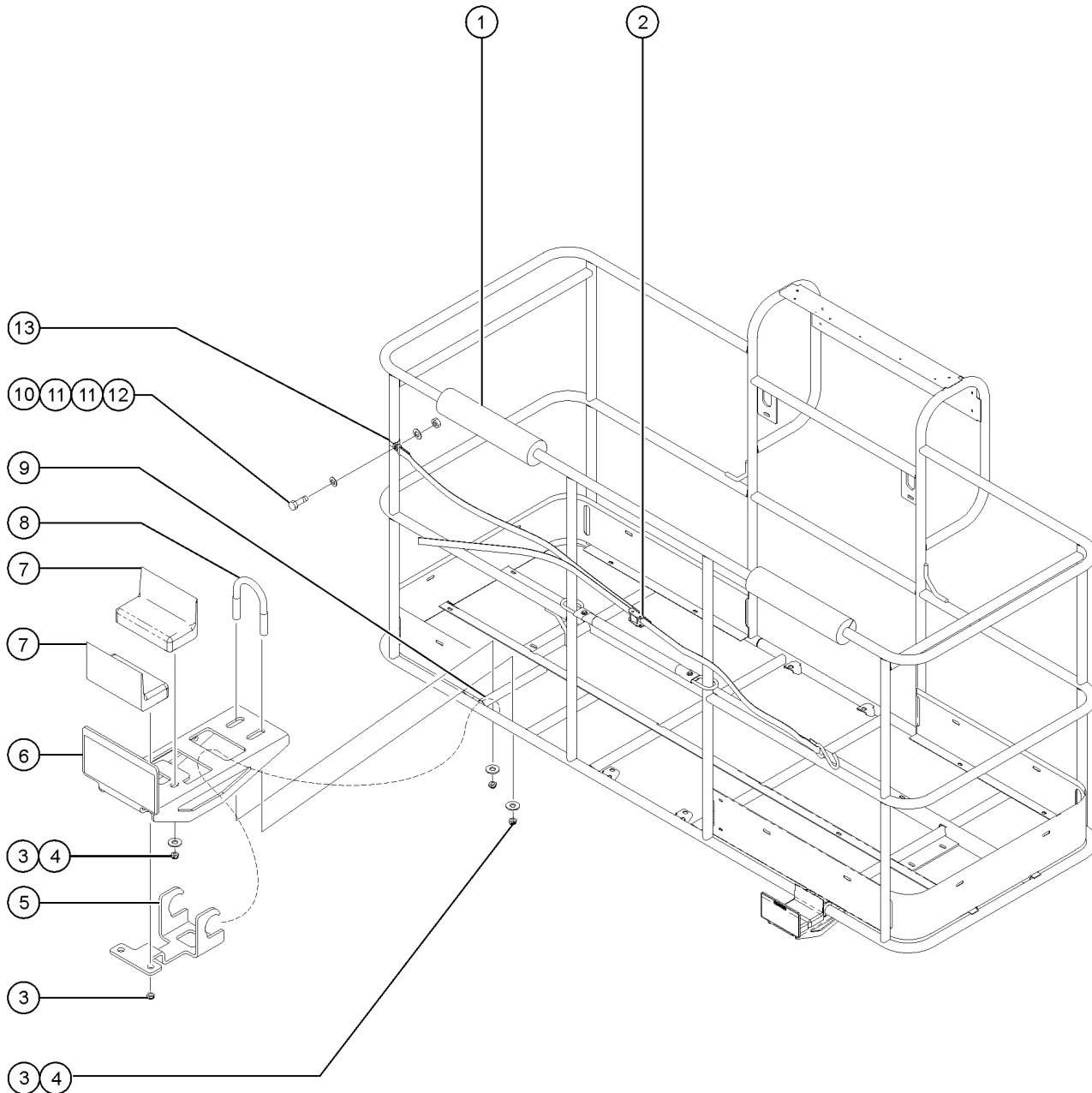
808.1 Hostile Environment Package - Cylinder Bellows, S-85



808.1 Hostile Environment Package - Cylinder Bellows, S-85

Item	Part No.	Description	Qty.
--	81700	COVER,PROTECTIVE,OSC.CYLINDER	
--	35432	CLAMP,HOSE,6.50	
--	45435	CLAMP,HOSE,2.50***	
1	34533	COVER,PROTECTIVE,STEER CYL.....2	
--	30971	CLAMP,HOSE,3.00"	
--	35434	CLAMP,HOSE,2.00***	
2	133307	DECAL,PROTECTOR,CLEAR.....1	
3	34505	COVER,PROTECTIVE,JIB CYLINDER.....1	
--	30971	CLAMP,HOSE,3.00"	
--	35434	CLAMP,HOSE,2.00***	
4	94537	BELLOWS,CYLINDER,PLAT LEVEL.....1	
--	230995	COVER,HSE&CBL DLX HOSTILE	
--	23405	NUTSERT,10-32 STEEL CAD PLTD	
--	30489	CLAMP,HOSE,3.50	
--	49819	SCREW,PHILLIPS,PHM,10-32 X .5	
--	6146	WASHER,FLAT,MS,#10,Y	
5	121178	BELLOWS, LIFT CYLINDER.....1	
--	31523	CLAMP,HOSE,8.50 DIA***	
--	34955	CLAMP,HOSE,5.00	
6	121177	BELLOWS, MASTER CYLINDER....1	
--	22672	CLAMP,HOSE,1.75	
--	34955	CLAMP,HOSE,5.00	

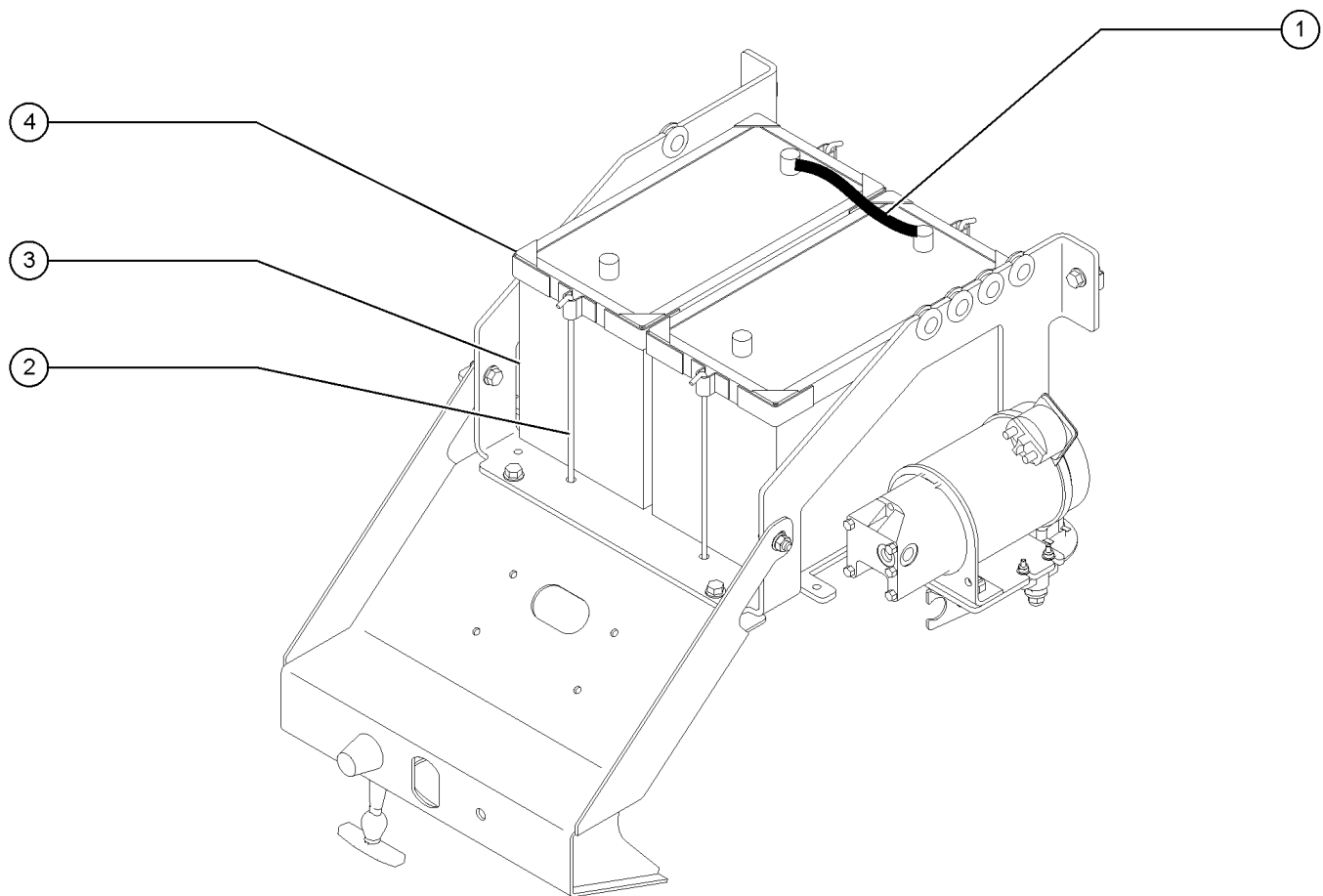
809.1 Panel Cradle Option



809.1 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
--	233993	KIT, PANEL CRADLE BRACKET, SYMBL.....	1
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	

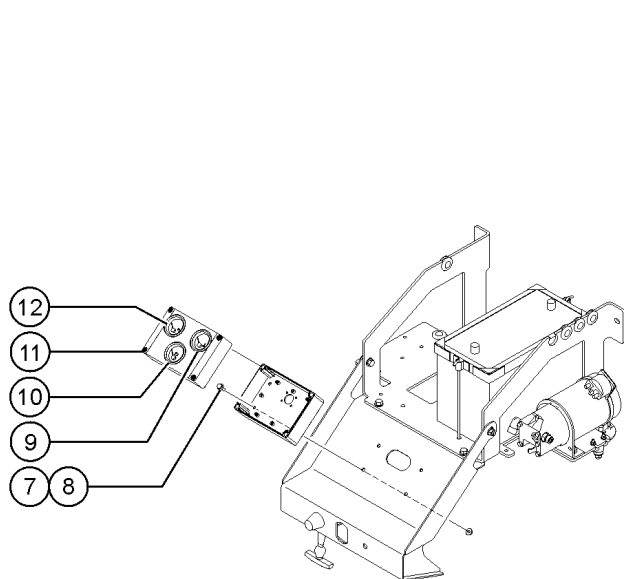
810.1 Dual Battery Option (to SN 8198)



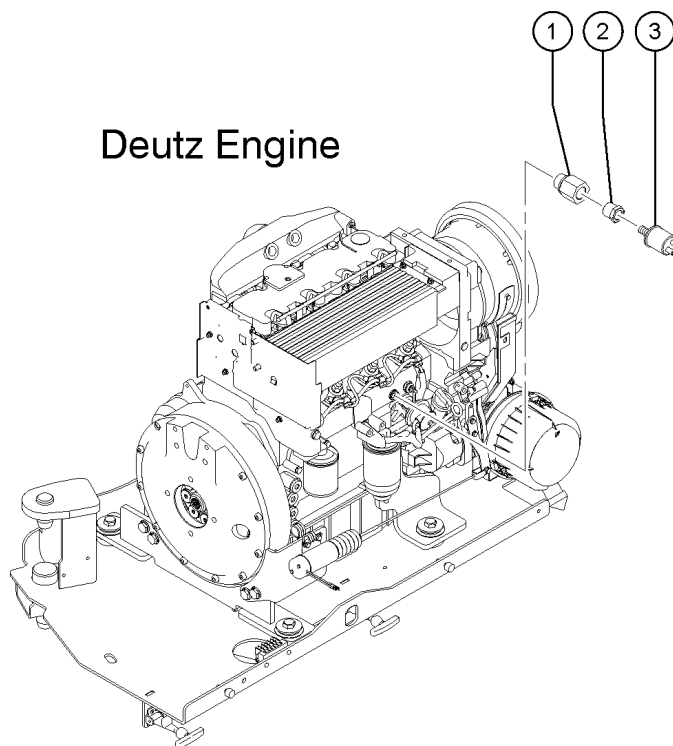
810.1 Dual Battery Option (to SN 8198)

Item	Part No.	Description	Qty.
--	237068	SEPARATOR,DUAL BATTERY,100A	
--	214393	KIT, BATT SEPARATOR, ANSI/CSA <i>Includes part 237068</i>	
--	215209	KIT, BATT SEPARATOR, CE <i>Includes part 237068</i>	
--	215210	KIT, BATT SEPARATOR, AS <i>Includes part 237068</i>	
--	121617	HARNESS,BATT1 TO SEPERATOR,S80	
--	121618	HARNESS,BATT2 TO SEPERATOR,S80	
--	121619	HARNESS,BATT2 TO APU(+),S80	
--	121621	HARNESS,SEPERATOR GND,S80	
--	121622	HARNESS,BATT2 TO APU(-),S80	
1	106555	HARNESS,GND BATT 1 TO BATT 2.....	1
2	45708	HOOK,BATT HOLD DOWN,10".....	2
3	77694	BATTERY,12V DEEP CYC 5/16"STUD.....	1
4	30144	BATTERY HOLD DOWN,GROUP 31.....	1

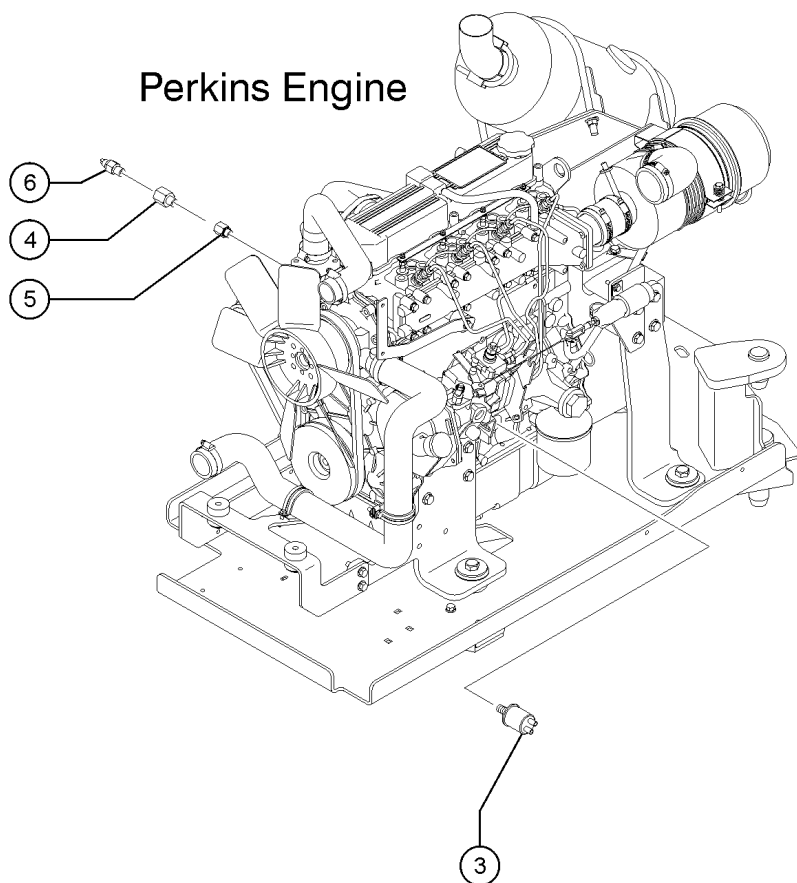
811.1 Full Gauge Option



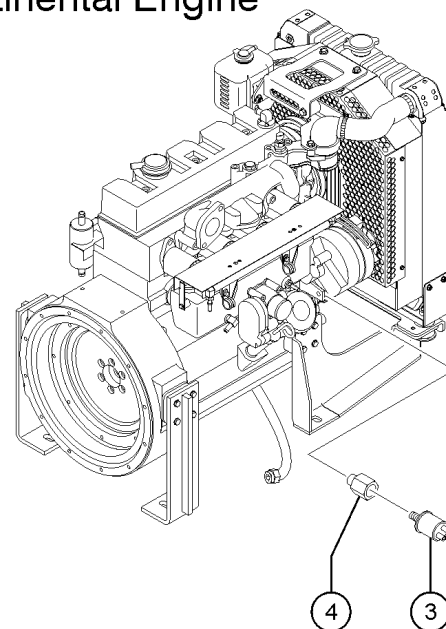
Deutz Engine



Perkins Engine



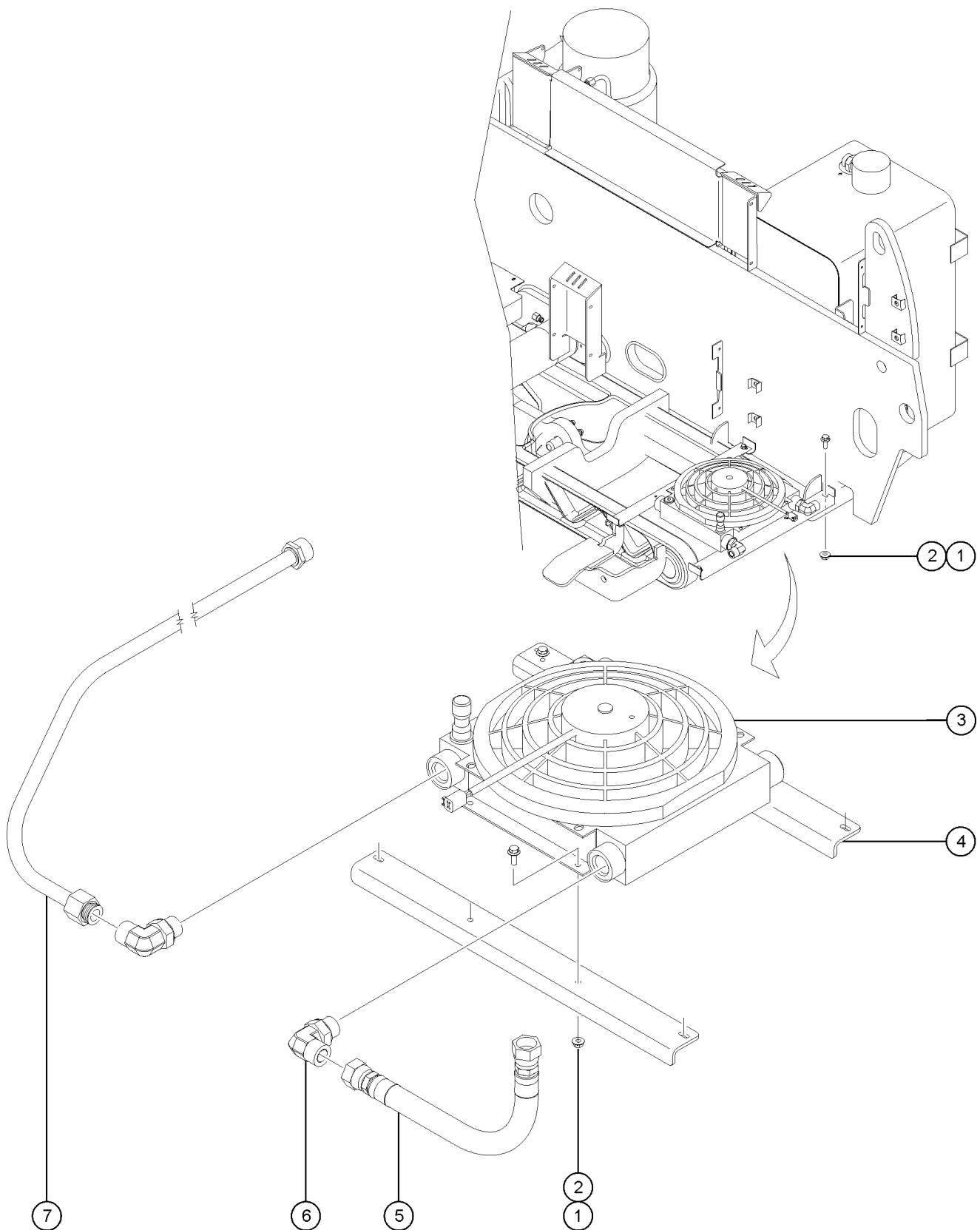
Continental Engine



811.1 Full Gauge Option

Item	Part No.	Description	Qty.
--	121510	OPT,GAUGE,S80 PERKINS	
--	121512	OPT,GAUGE,S80 DEUTZ	
--	121508	OPT,GAUGE,S80 CONTINENTAL	
--	REF.	HARNESS,GAUGE OPT. S80/85 (Refer to 312.1 or 313.1)	
1	106034	ADAPTER,M18.....	1
2	106033	ADAPTER,NPT 6-4.....	1
3	30810	SENDING UNIT,OIL PRESSURE*** <i>Dual-terminal sender</i>	3
4	28607	ADAPTER,140139-8-6.....	2
5	101627	ADAPTER 3/8 FNPT X M16.....	1
6	34058	SENDING UNIT,TMP,FRD,GM,PRK704.....	1
7	121419	SCREW,HHF,1/4-20 X .75	
8	121421	NUT,FLG,1/4-20	
9	53759-S	GAUGE,WATER TEMP..... (Perkins and LPG models)	1
--	53760-S	GAUGE,OIL TEMP (Deutz models)	
10	53761-S	GAUGE,VOLTAGE.....	1
11	121490	ASSY,GAUGE OPT.WATER COOLED..... (Perkins and LPG models)	1
--	121482	ASSY,GAUGE OPT. OIL COOLED (Deutz models)	
--	121491	ENCLOSURE BOX, GAUGE OPT.	
12	53758-S	GAUGE,OIL PRESSURE W/O SENDER.....	1

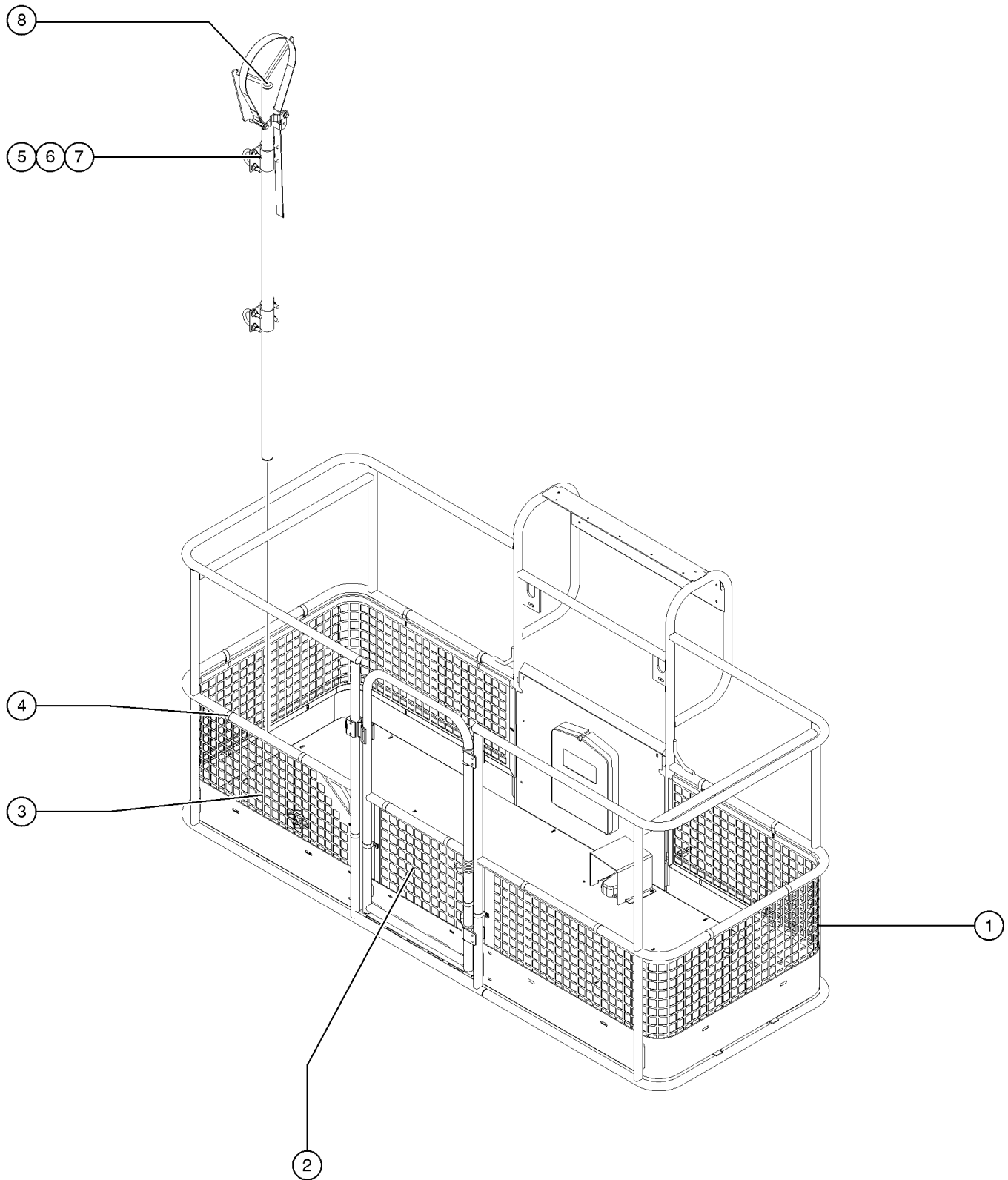
812.1 Hydraulic Oil Cooler Option



812.1 Hydraulic Oil Cooler Option

Item	Part No.	Description	Qty.
1	121421	NUT,FLG,1/4-20	
2	121419	SCREW,HHF,1/4-20 X .75	
3	71259	OIL COOLER W/FAN, 12VDC.....1	
4	121389	FORMING,OIL COOLER SUPPORT.....2	
5	217059	HOSE ASSY,3/4,STR FEM,STR FEM.....1	
6	48959	FITTING,ELBOW,90D,520220-12....2	
7	121370	HYD.TUBE,DRIVE CASE COOLER.....1	

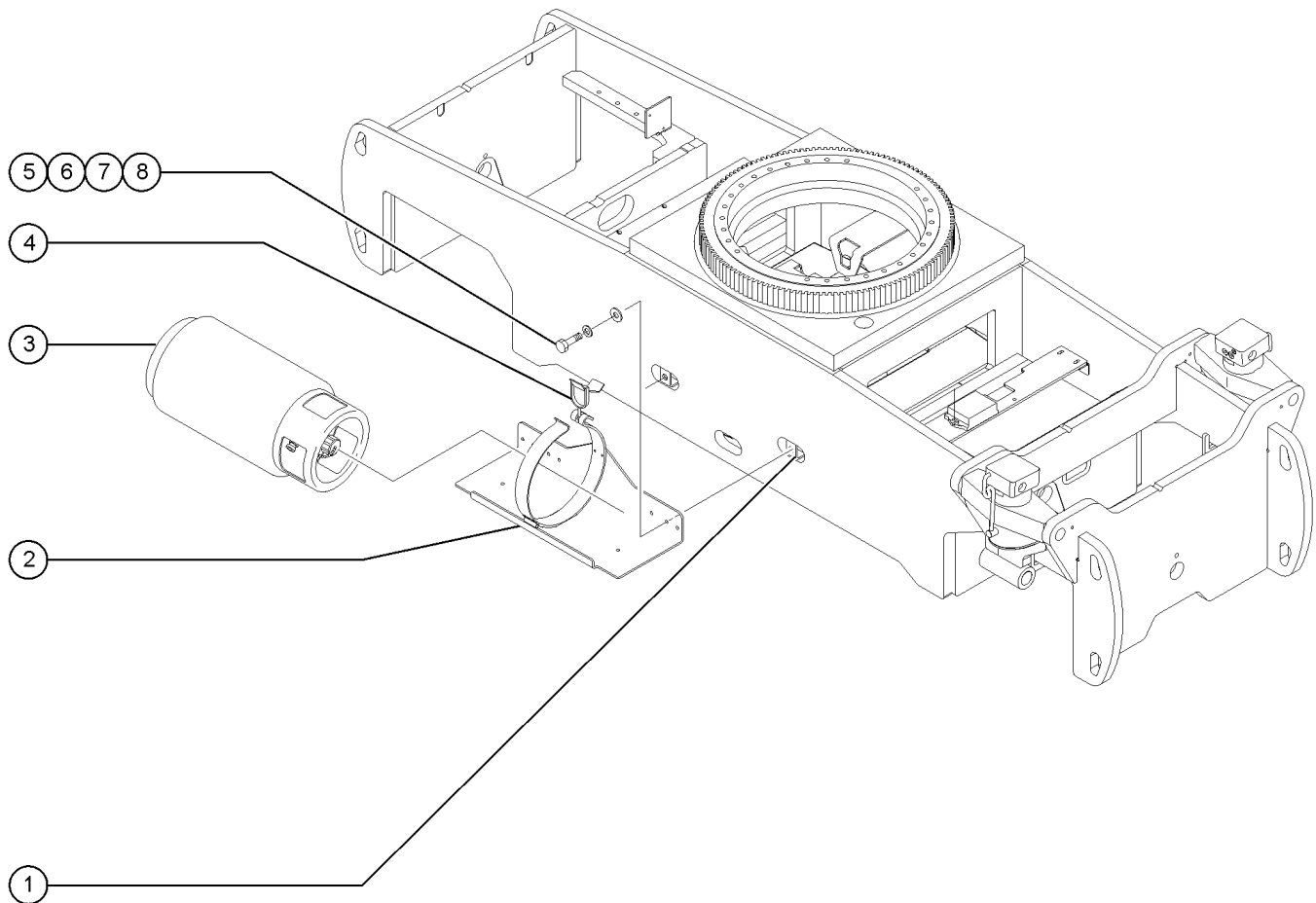
813.1 Half-Mesh and Pipe Cradle Option



813.1 Half-Mesh and Pipe Cradle Option

Item	Part No.	Description	Qty.
--	85300	PIPE CRADLE ASSY. SERV (ONE)**	
--	72875	DECAL, WARNING, PIPE CRADLE, BOOM	
--	119397	OPTION, 6' HALF MESH PLAT/GATE	
--	119398	OPTION, 8' HALF MESH PLAT/GATE	
--	REF.	SWING GATE OPTION, COMPLETE (Refer to 802.1)	
1	73500	HALF MESH, 8' PLATFORM, RH***.....1	
--	54465	MESH, HALF, RH, 6' PLATFORM	
2	54457	MESH, HALF, SWING GATE***.....1	
3	73501	HALF MESH, 8' PLATFORM, LH.....1	
--	54458	MESH, HALF, LH, 6' PLATFORM	
4	56424	CLAMP, 1.25X.5 RUBBER-CUSHION.....18	
--	6090	SCREW, HHC, 1/4-20 X .75	
--	6091	NUT, NYLOCK, 1/4-20	
--	6638	WASHER, FLAT, USS, 1/4"Y	
5	6550	U-BOLT, 3/8 X 1 YZ.....8	
6	4828	NUT, NYLOCK, 3/8-16	
7	5397	WASHER, FLAT, USS, 5/16", Y	
8	55753	BUMPER, PLASTIC, 1.25 O.D.....4	

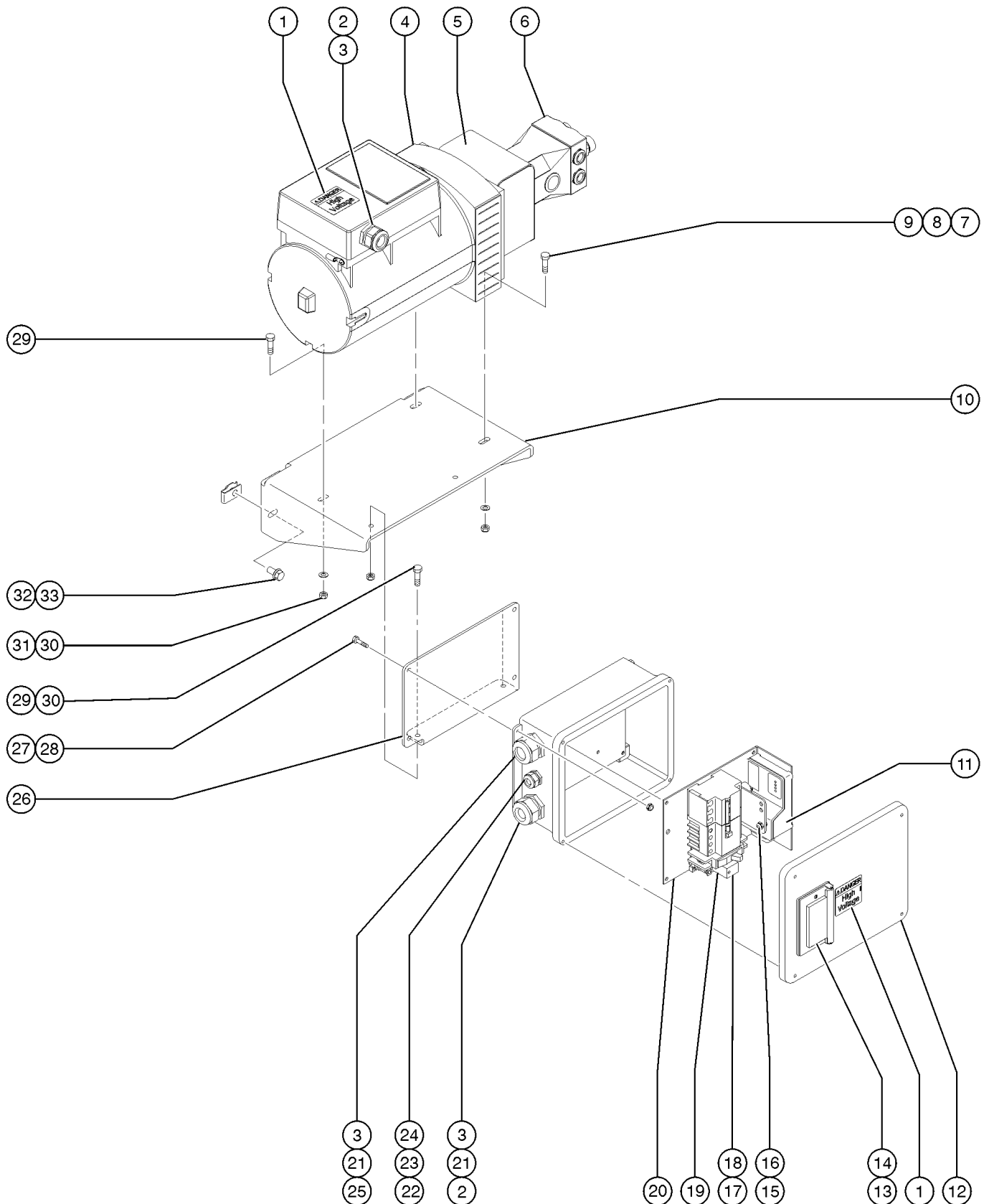
814.1 Spare LPG Tank Option



814.1 Spare LPG Tank Option

Item	Part No.	Description	Qty.
--	77853	OPTION,LP TANK 2ND	
1	77785P	FORMING,LP BRACKET MOUNT...2	
2	60143	WELDMENT,L.P. TANK MOUNT.....1	
3	53605	TANK, LP, 7 GAL.....1	
4	49000	L.P.TANK LATCH.....1	
5	8516	SCREW,HHC,3/8-16 X 1.50,GR5	
6	6021	WASHER,LOCK, .375	
7	6097	WASHER,FLAT,USS,3/8",Y	
8	29868	SPRING CLIP,3/8-16.....2	

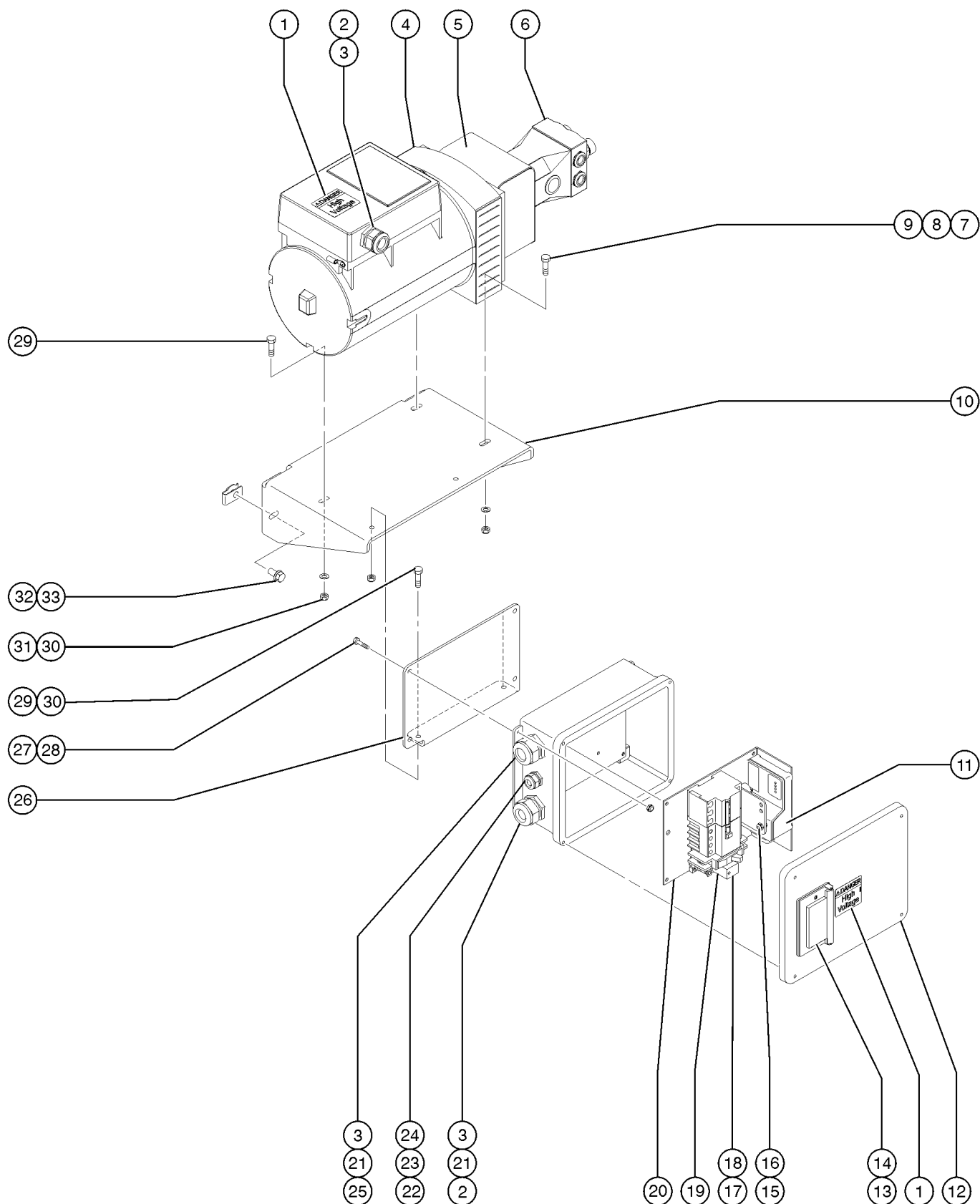
815.1 Welder Option, Chassis Components, S-80X and S-80 - View 1



815.1 Welder Option, Chassis Components, S-80X and S-80 - View 1

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	106115	WIRE CABLE 8 GA/4 CON.SO.....1192-inches		17	33607	RELAY,OMRON,DPDT,12V.....1	
--	226506	HARNESS, WELD GENERATOR, S80		18	33608	RELAY,SOCKET,OMRON.....1	
--	121882	KIT,HARNESS,12.5KW		19	106477	GFI/CIRCUIT BREAKER ASSEMBLY.....1	
--	110220	DECAL,WARNING,WELDER SAFETY		--	106374	CIRCUIT BREAKER,50A,3P	
--	Ref.	Oil Cooler (refer to 812.1)		--	106375	GFCI,50A, 3PH	
--	Ref.	Oil Diverter Manifold (refer to 305.1 and 707.1)		20	102314	PANEL, ENCLOSURE, LINCO WELDER.....1	
1	82237	DECAL,DANGER,HIGH VOLTAGE.....2		21	106104	O-RING,SEAL RING,1" NPT	
2	106077	CABLE SQUEEZE CONN .63-.75		22	61278	CONN. SQZ,1/2NPT .56-.63.	
3	18665	LOCKNUT,ELECTRIC,1" NPT.....2		23	56237	O-RING,ORFS,-12	
4	106113	GENERATOR,HYDRO-12KEP-21-3***.1		24	6935	LOCKNUT,ELEC,1/2"	
--	106274	GENERATOR,12.5 KW,W/O MOTOR***		25	106077	CABLE SQUEEZE CONN .63-.75....1	
--	110344	BRUSH BOX,ASSY,GEN		26	111576	FORMING,CONTROLBOX MT,WELD GEN.....1	
--	122300	COVER,WELDER GENERATOR		27	121420	SCREW,HHF,1/4-20 X 1.000	
--	21187	PLUG,NYLON 1.38 BLACK DOMED		28	121421	NUT,FLG,1/4-20	
--	T113655	COUPLING, 28MM (106113)		29	13002	SCREW,HHC,5/16-18 X 1 GR5	
--	T114022	SPIDER (106113)		30	5397	WASHER,FLAT,USS,5/16",Y	
--	T114023	COUPLING (106113)		31	6782	NUT,NYLOCK,5/16-18	
5	T111766	MOTOR MOUNT COUPLER (106274).....1		32	121066	SCREW,HHC,FLG,3/8-16 X 1 GR8	
6	106184	MOTOR,HYD 12.5KW GEN,21CC***.....1		33	29868	SPRING CLIP,3/8-16.....4	
--	162006	SEAL KIT,HYD MOTOR(106184)					
7	8516	SCREW,HHC,3/8-16 X 1.50,GR5					
8	6097	WASHER,FLAT,USS,3/8",Y					
9	4828	NUT,NYLOCK,3/8-16					
10	121395	FORMING, WELD GENERATOR SUPPORT BRACKET.....1					
11	106658	MODULE,SX CONTROLLER,LOW AMP.....1					
--	102357	RESISTOR ASSY, LINCOLN WELDER.....1					
--	106140	BRACKET,1K OHM 10-TURN POT.....1					
12	229346	ASSY,ENCLOSURE,WELDER GEN.....1					
13	74006	COVER,GFCI,HORIZONTAL,WEATHER.1					
14	13585	OUTLET,110V GFCI***.....1					
15	6889	NUT,LP NYLOCK,1/4-20					
16	36294	SCREW,HHC,1/4-20 X 2.75					

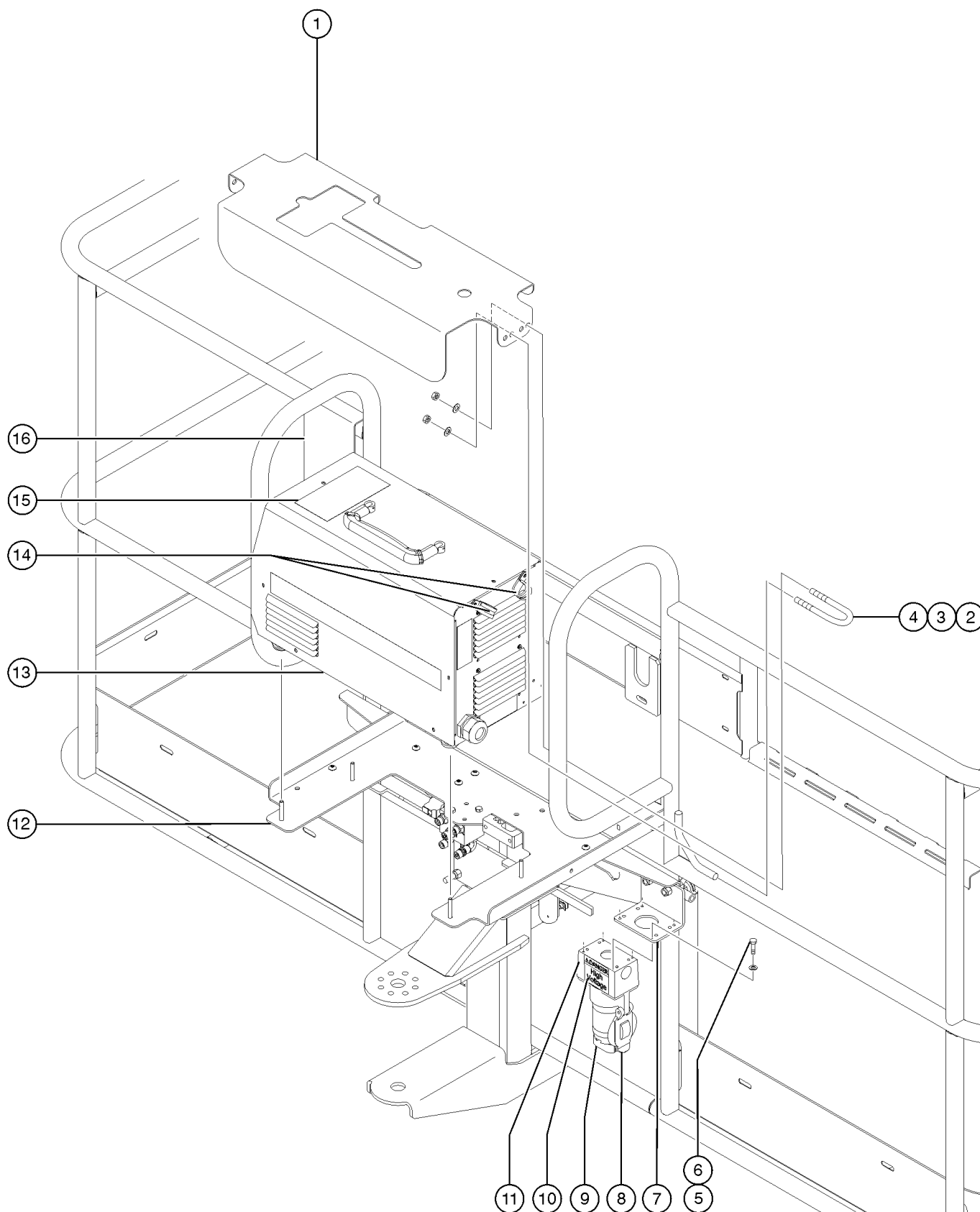
815.1 Welder Option, Chassis Components, S-85 - View 1



815.1 Welder Option, Chassis Components, S-85 - View 1

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	106115	WIRE CABLE 8 GA/4 CON.SO.....1252-inches		17	33607	RELAY,OMRON,DPDT,12V.....1	
--	226506	HARNESS, WELD GENERATOR, S80		18	33608	RELAY,SOCKET,OMRON.....1	
--	121882	KIT,HARNESS,12.5KW		19	106477	GFI/CIRCUIT BREAKER ASSEMBLY.....1	
--	110220	DECAL,WARNING,WELDER SAFETY		--	106374	CIRCUIT BREAKER,50A,3P	
--	Ref.	Oil Cooler (refer to 812.1)		--	106375	GFCI,50A, 3PH	
--	Ref.	Oil Diverter Manifold (refer to 305.1 and 707.1)		20	102314	PANEL, ENCLOSURE, LINCO WELDER.....1	
1	82237	DECAL,DANGER,HIGH VOLTAGE.....2		21	106104	O-RING,SEAL RING,1" NPT	
2	106077	CABLE SQUEEZE CONN .63-.75		22	61278	CONN. SQZ,1/2NPT .56-.63.	
3	18665	LOCKNUT,ELECTRIC,1" NPT.....2		23	56237	O-RING,ORFS,-12	
4	106113	GENERATOR,HYDRO-12KEP-21-3***.1		24	6935	LOCKNUT,ELEC,1/2"	
--	106274	GENERATOR,12.5 KW,W/O MOTOR***		25	106077	CABLE SQUEEZE CONN .63-.75....1	
--	110344	BRUSH BOX,ASSY,GEN		26	111576	FORMING,CONTROLBOX MT,WELD GEN.....1	
--	122300	COVER,WELDER GENERATOR		27	121420	SCREW,HHF,1/4-20 X 1.000	
--	21187	PLUG,NYLON 1.38 BLACK DOMED		28	121421	NUT,FLG,1/4-20	
--	T113655	COUPLING, 28MM (106113)		29	13002	SCREW,HHC,5/16-18 X 1 GR5	
--	T114022	SPIDER (106113)		30	5397	WASHER,FLAT,USS,5/16",Y	
--	T114023	COUPLING (106113)		31	6782	NUT,NYLOCK,5/16-18	
5	T111766	MOTOR MOUNT COUPLER (106274).....1		32	121066	SCREW,HHC,FLG,3/8-16 X 1 GR8	
6	106184	MOTOR,HYD 12.5KW GEN,21CC***.....1		33	29868	SPRING CLIP,3/8-16.....4	
--	162006	SEAL KIT,HYD MOTOR(106184)					
7	8516	SCREW,HHC,3/8-16 X 1.50,GR5					
8	6097	WASHER,FLAT,USS,3/8",Y					
9	4828	NUT,NYLOCK,3/8-16					
10	121395	FORMING, WELD GENERATOR SUPPORT BRACKET.....1					
11	106658	MODULE,SX CONTROLLER,LOW AMP.....1					
--	102357	RESISTOR ASSY, LINCOLN WELDER.....1					
--	106140	BRACKET,1K OHM 10-TURN POT.....1					
12	229346	ASSY,ENCLOSURE,WELDER GEN.....1					
13	74006	COVER,GFCI,HORIZONTAL,WEATHER.1					
14	13585	OUTLET,110V GFCI***.....1					
15	6889	NUT,LP NYLOCK,1/4-20					
16	36294	SCREW,HHC,1/4-20 X 2.75					

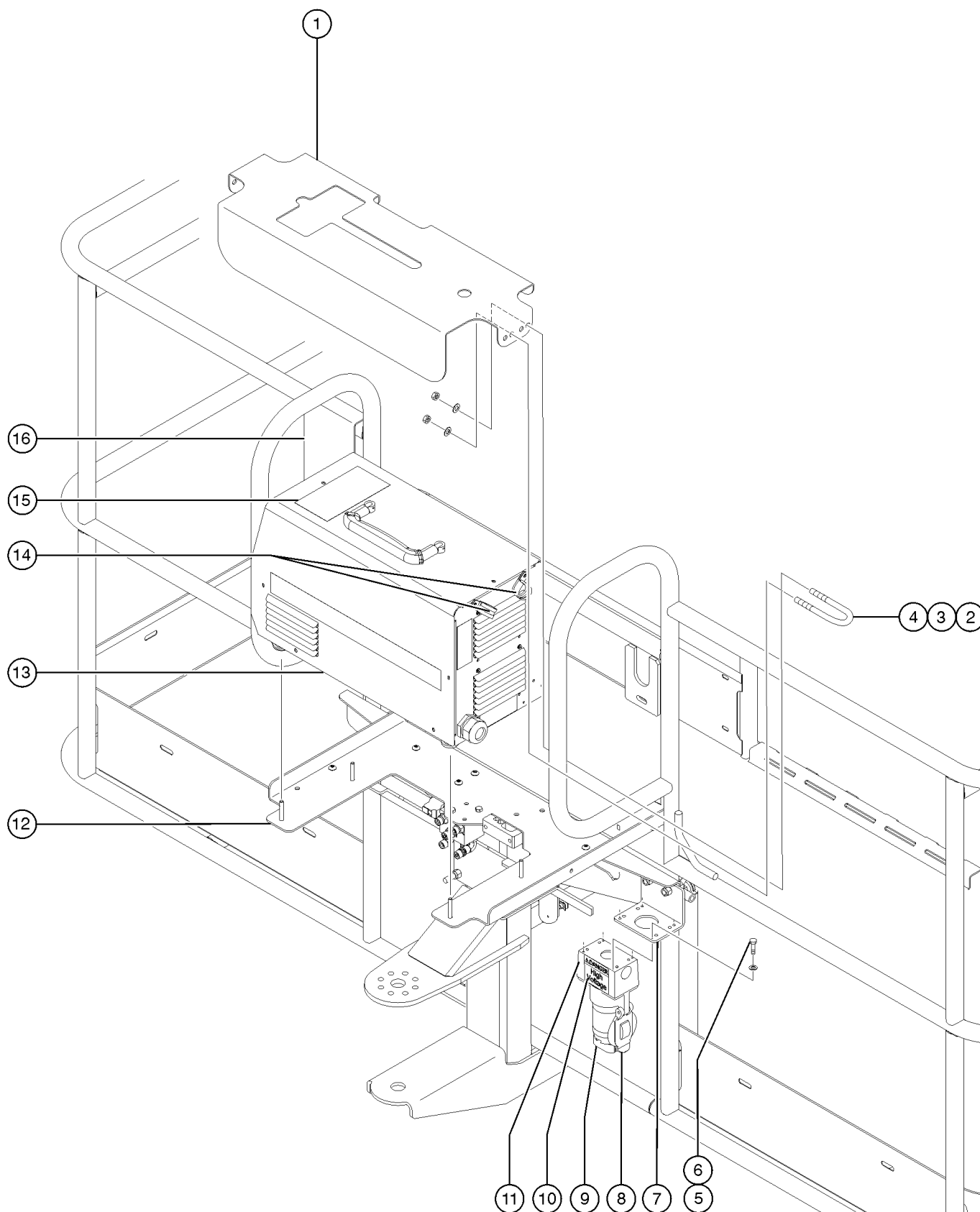
816.1 Welder Option, Platform Components, S-80X and S-80 - View 2



816.1 Welder Option, Platform Components, S-80X and S-80 - View 2

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	10276-2500	FIRE SLEEVE, 1.25".....	1	--	106275	KIT,WELD LEADS ASSY,V275S <i>Includes both cables</i>	
--	88406	FIRE EXTINGUISHER		14	18666	CLAMP,1.00,#16 X 1/4,RUB CUSH.....	2
--	82862	DECAL,FIRE EXTINGUISHER		15	110220	DECAL,WARNING,WELDER SAFETY.....	1
--	97579	DECAL,DANGER,TIP-OVER,WELDER**		16	106204	BRACKET,V275S WELD LEADS.....	1
--	97875	DECAL,WARN.WELD LINE INST.WORD					
--	110220	DECAL,WARNING,WELDER SAFETY					
--	229925	ADAPTER,WELDER,208-220					
1	101547P	BRACKET,WELDER SUPPORT,PNT.....	1				
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				
--	122755	UBOLT,FLATTENED,1.5DIAX3/8 UNC					
--	4828	NUT,NYLOCK,3/8-16					
--	5397	WASHER,FLAT,USS,5/16",Y					
8	101732	COVER,WEATHERPROOF 3-PHASE.....	1				
9	106112	PLUG,4-WIRE,3-PHASE,50A.....	1				
10	82237	DECAL,DANGER,HIGH VOLTAGE.....	2				
11	106110	T-BOX,2.75X4.5X2.63,3PH.....	1				
--	106111	RECEPTCL,LOCK 3-PH,50A,4 WIRE					
12	102408	BRACKET,LINCOLN WELDER,PNTD.....	1				
--	102409	BRACKET,WELDER MNT SUPPORT,PNT					
--	106043	SCREW,SECURITY,5/16-18X1.00					
--	106044	U-BOLT,3/8-16X4X4.63X3.00					
--	4828	NUT,NYLOCK,3/8-16					
--	5397	WASHER,FLAT,USS,5/16",Y					
--	6782	NUT,NYLOCK,5/16-18					
13	101525	WELDER INVERTEC V275-S.....	1				
--	106141	SCREW,SECURITY,1/4-20 X 1.75LG (Mounting fasteners)					
--	106183	FUSE,.6AMP,250V,WELDER,V275S					

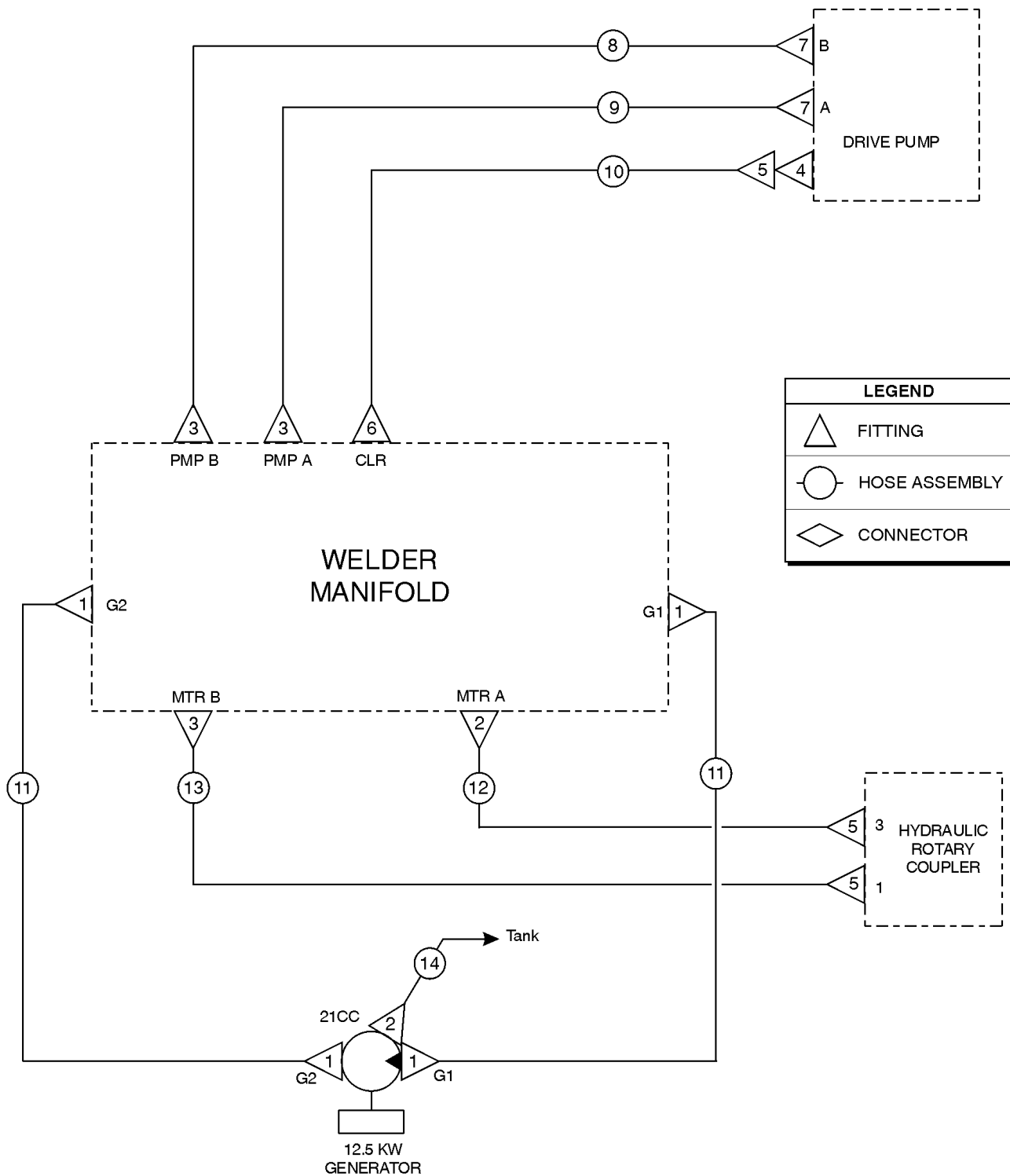
816.1 Welder Option, Platform Components, S-85 - View 2



816.1 Welder Option, Platform Components, S-85 - View 2

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	10276-1500	FIRE SLEEVE, 1.25".....	1	13	101525	WELDER INVERTEC V275-S.....	1
--	110276-2800	FIRE SLEEVE, 1.25".....	1	--	106141	SCREW,SECURITY,1/4-20 X 1.75LG (Mounting fasteners)	
--	110276-3000	FIRE SLEEVE, 1.25".....	2	--	106183	FUSE,.6AMP,250V,WELDER,V275S	
--	110276-3500	FIRE SLEEVE, 1.25".....	1	--	106275	KIT,WELD LEADS ASSY,V275S Includes both cables	
--	110276-5000	FIRE SLEEVE, 1.25".....	1	14	18666	CLAMP,1.00,#16 X 1/4,RUB CUSH.....	2
--	88406	FIRE EXTINGUISHER		15	110220	DECAL,WARNING,WELDER SAFETY.....	1
--	82862	DECAL,FIRE EXTINGUISHER		16	106204	BRACKET,V275S WELD LEADS.....	1
--	97579	DECAL,DANGER,TIP-OVER,WELDER**					
--	97875	DECAL,WARN.WELD LINE INST.WORD					
--	110220	DECAL,WARNING,WELDER SAFETY					
--	229925	ADAPTER,WELDER,208-220					
1	101547P	BRACKET,WELDER SUPPORT,PNT.....	1				
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				
--	122755	UBOLT,FLATTENED,1.5DIAX3/8 UNC					
--	4828	NUT,NYLOCK,3/8-16					
--	5397	WASHER,FLAT,USS,5/16",Y					
8	101732	COVER,WEATHERPROOF 3-PHASE.....	1				
9	106112	PLUG,4-WIRE,3-PHASE,50A.....	1				
10	82237	DECAL,DANGER,HIGH VOLTAGE.....	2				
11	106110	T-BOX,2.75X4.5X2.63,3PH.....	1				
--	106111	RECEPTCL,LOCK 3-PH,50A,4 WIRE					
12	102408	BRACKET,LINCOLN WELDER,PNTD.....	1				
--	102409	BRACKET,WELDER MNT SUPPORT,PNT					
--	106043	SCREW,SECURITY,5/16-18X1.00					
--	106044	U-BOLT,3/8-16X4X4.63X3.00					
--	4828	NUT,NYLOCK,3/8-16					
--	5397	WASHER,FLAT,USS,5/16",Y					
--	6782	NUT,NYLOCK,5/16-18					

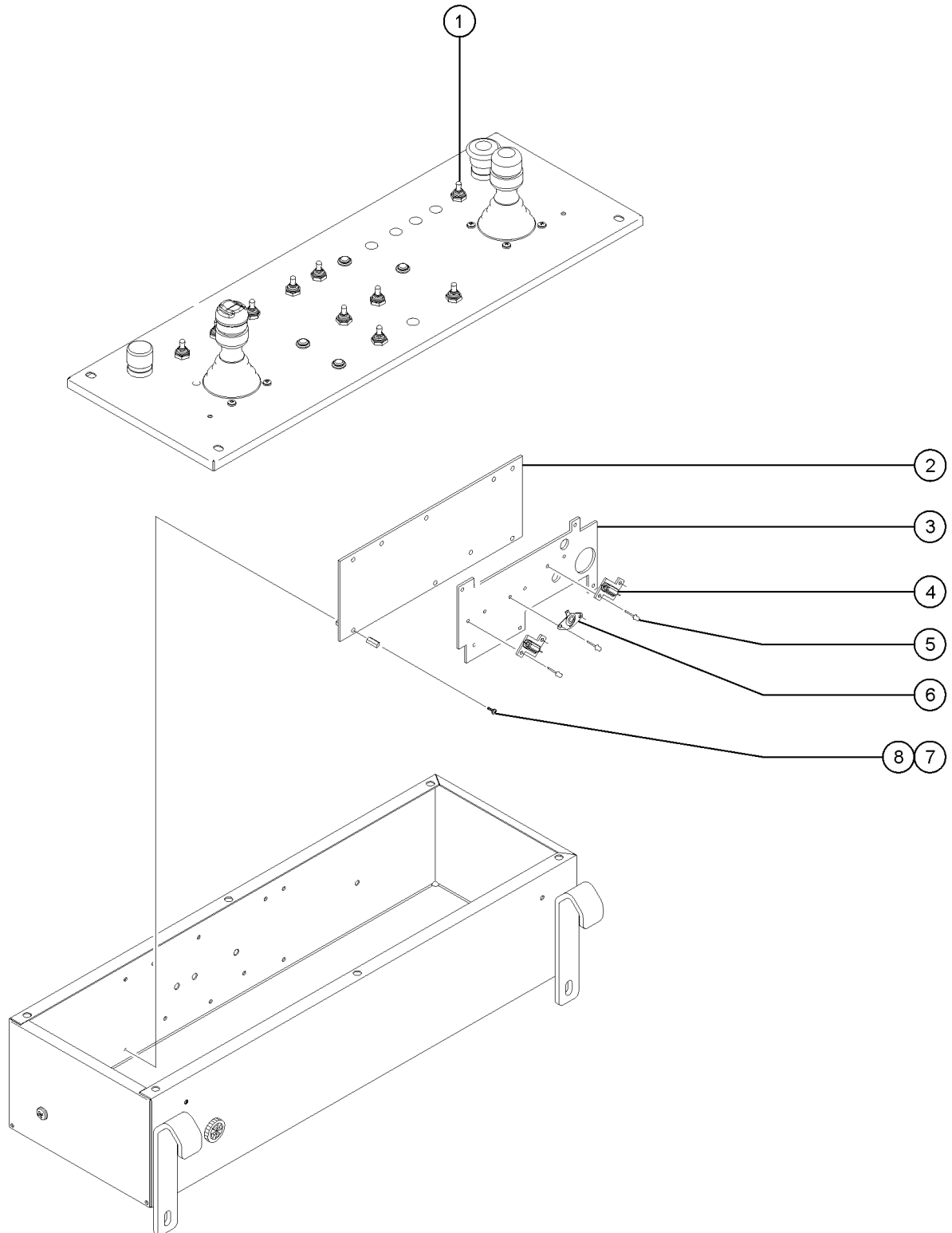
817.1 Welder Option, Hoses and Fittings - View 3



817.1 Welder Option, Hoses and Fittings - View 3

Item	Part No.	Description	Qty.
1	48959	FITTING,ELBOW,90D,520220-12....5	
2	48948	CONN,520120-8-12.....1	
3	48960	FITTING,CONN,520120-12.....3	
4	48964	FITTING,TEE,RUN,SWIVEL52043212.1	
5	48963	FITTING,ELBOW,45D,520320-12***.3	
6	48933	CONN,520120-8***1	
7	48977	CONN,520120-12-16.....2	
8	102313-2826	HOSE ASSY,3/4" HYD,45F,STRF.....1	
9	102313-3126	HOSE ASSY,3/4" HYD,45F,STRF.....1	
10	121889	HOSE ASSY,1/2,45,36IN,STR 8-12.....1	
11	102312-9688	HOSE ASSY,3/4",10-12 90 F,ST F2	
12	89871-4398	HOSE ASSY,3/4"STR-STR.....1	
13	94374-4830	HOSE ASSY,3/4",90F,STR F.....1	
14	121890	HOSE ASSY,1/2,90MD,34IN,STR....1	

818.1 Circuit Board Heater Option

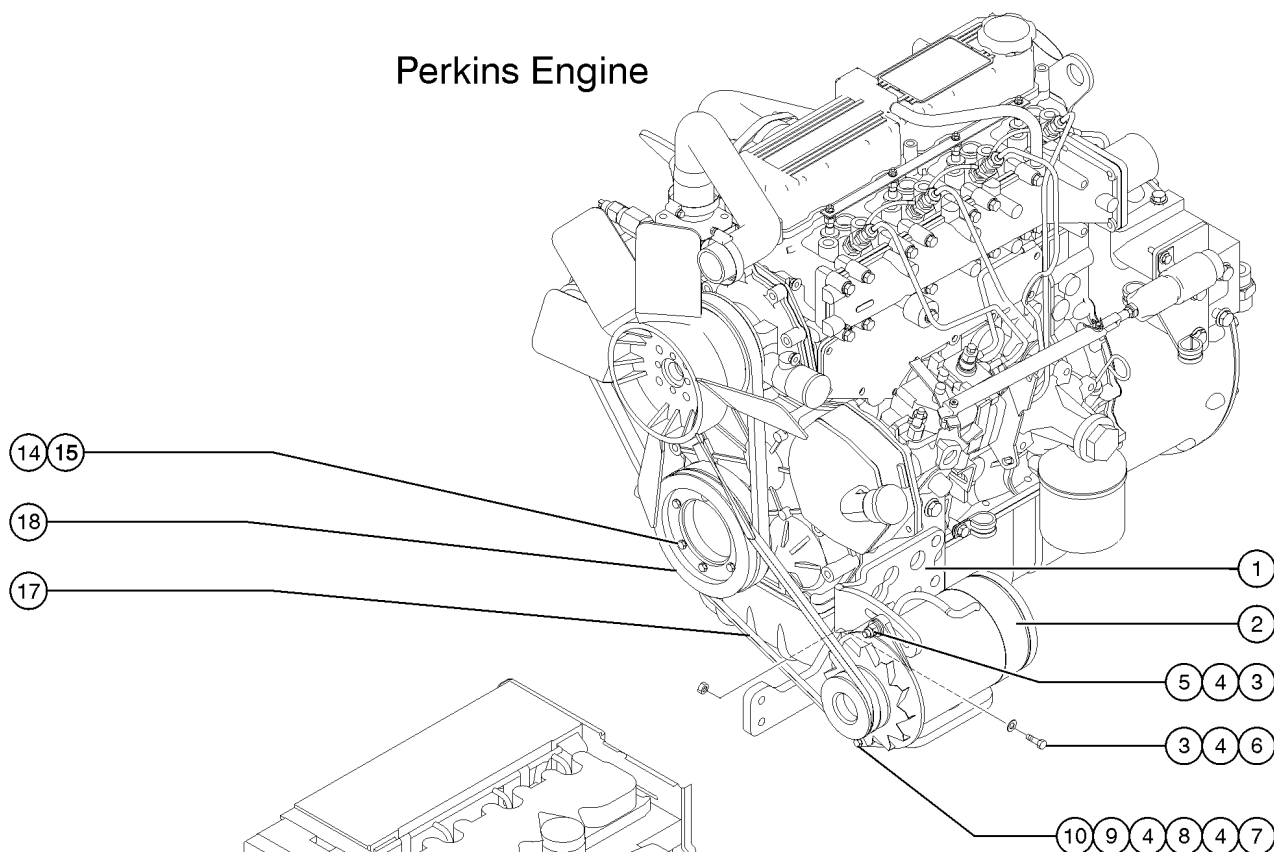


818.1 Circuit Board Heater Option

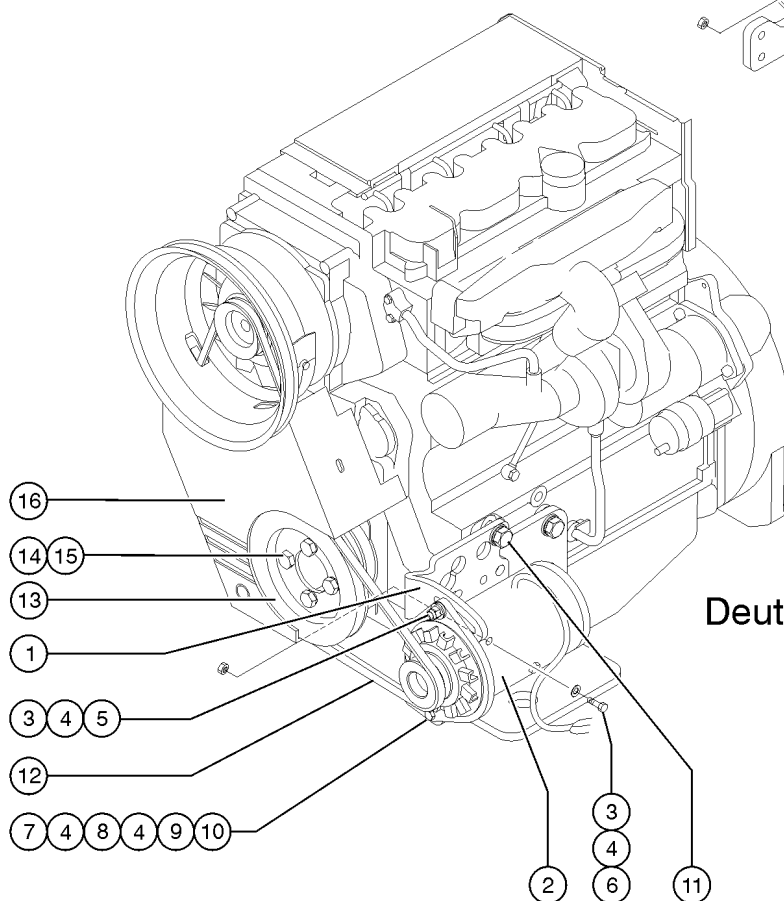
Item	Part No.	Description	Qty.
--	119662	ACCESS PBOX HEATER ALC500/1000 to SN 8499	
1	128204	SWITCH TOGGLE ASSY SPDT 2P MNT	
2		Ref. PCB Assembly, PCON (refer to 604.1 or 605.1)	
3	119250	BRACKET,PLATFORM HEATER OPT.....1 to SN 8499	
--	147661	PLATE,PLAT HEAT,ALC500 GEN II from SN 8500	
4	27287	RESISTOR,10 OHM,25 WATT.....2	
5	6272	RIVET,STL,ST.MAN,P,.125 X .25	
6	119641	SWITCH,THERMOSTAT 85F OPEN.....1	
7	81551	SCREW,PHIL,PHM,6-32 X 1/4 SS...4	
8	119534	STANDOFF,1/4X1/4 M-F 6-32 S/S.....4	

819.1 Belt Generator Option - View 1

Perkins Engine



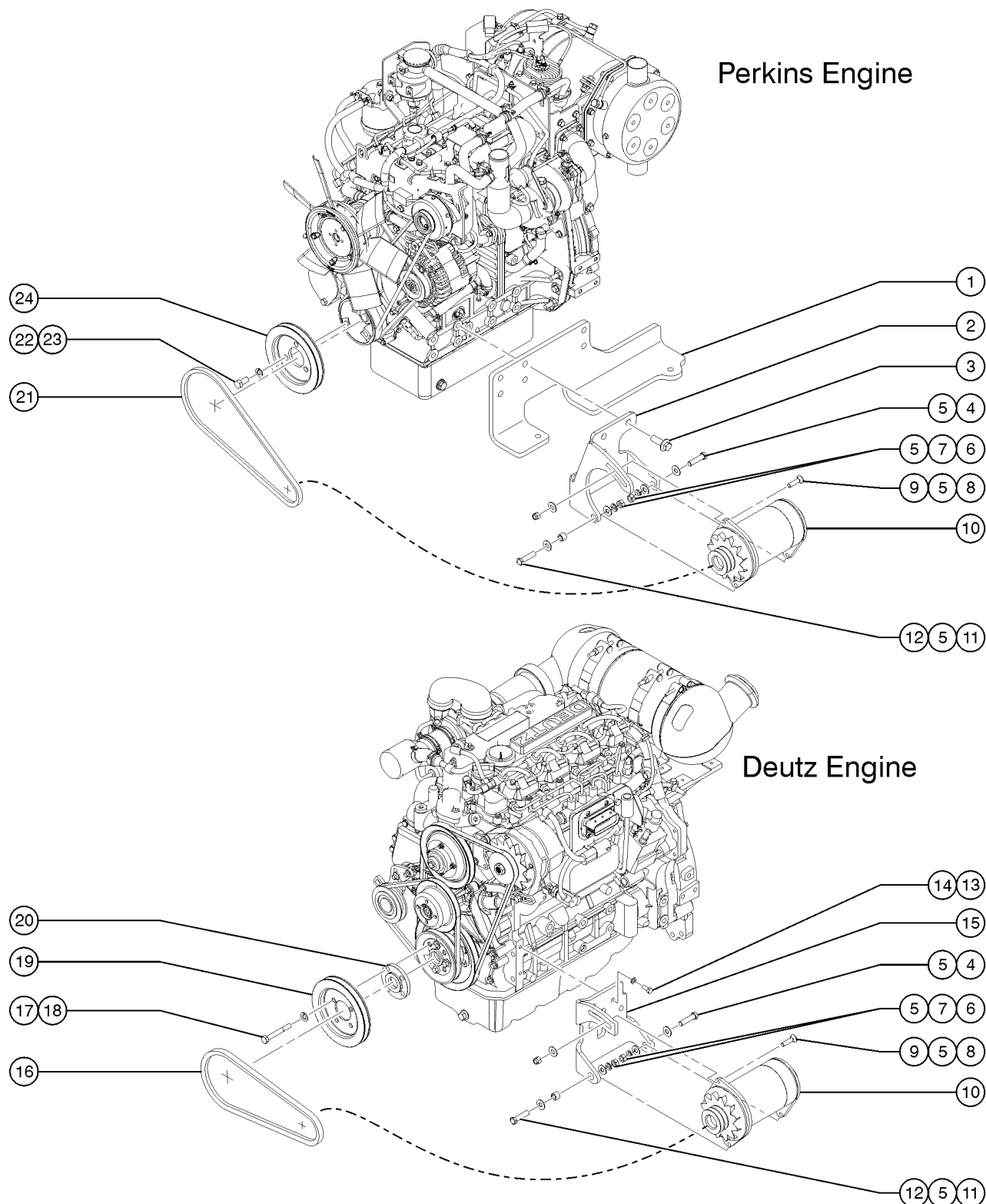
Deutz Engine



819.1 Belt Generator Option - View 1

Item	Part No.	Description	Qty.
1	119533	FORMING,GENERATOR MOUNT***	
2	60707	GENERATOR,3500W,120V,60HZ**	
--	89908	GENERATOR,3000W,220V,50HZ***	
3	4828	NUT,NYLOCK,3/8-16	
4	6097	WASHER,FLAT,USS,3/8",Y	
5	60790	BOLT,CARRIAGE,3/8-16 X1.50,G5	
6	8516	SCREW,HHC,3/8-16 X 1.50,GR5	
7	81852	SCREW,HHC,7/16-14 X 1.75	
8	45400	SPACER TUBE,.50 LG	
9	20912	WASHER,LOCK,.437,PLTD.	
10	6083	NUT,HEX,7/16-14	
11	121688	SCREW,HHC,FLG,M14 X 35	
12	106535	BELT,AX33***	
13	70389	PULLEY,DEUTZ	
--	81069	SPACER,PULLEY,DEUTZ GEN	
14	25927	SCREW,HHC,M10 X 55MM,GRD 8.8 (Perkins models)	
--	22697	SCREW,HHC,M10 X 65MM,GR8.8 (Deutz models)	
15	22700	WASHER,LOCK,M10	
16	106740	COVER,REWORK,DEUTZ GENERATOR	
17	94600	BELT, (NAPA 9360)	
18	102346	PULLEY KIT,PERKINS 804	

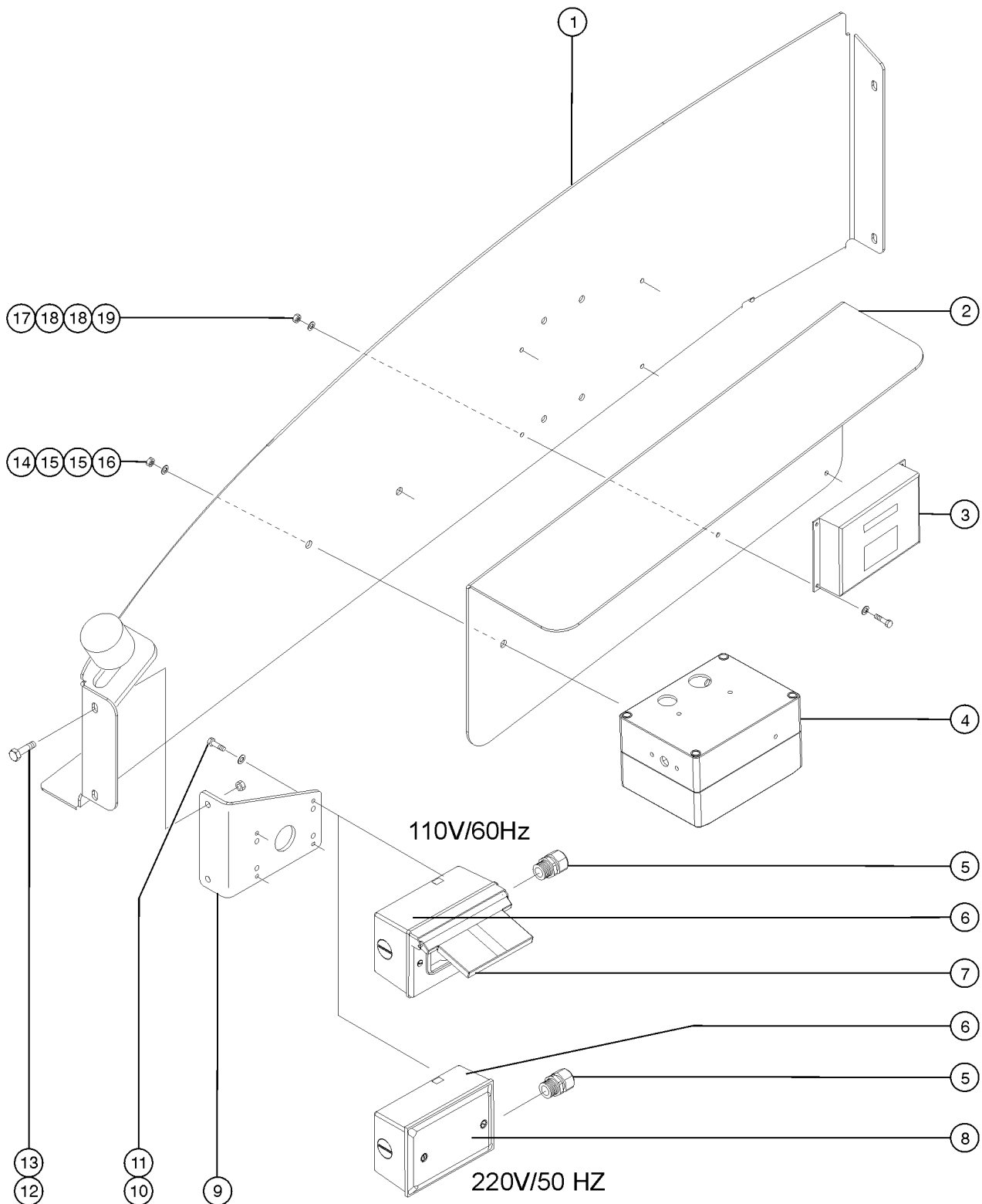
819.2 Belt Generator Option (Perkins 404F-22T and Deutz TD 2.9L4) - View 1



819.2 Belt Generator Option (Perkins 404F-22T and Deutz TD 2.9L4) - View 1

Item	Part No.	Description	Qty.
1	REF.	FORMING, ENGINE MOUNT, LH (Refer to 407.1)	
2	1253175	FORMING, GENERATOR MOUNT	
3	1251899	SCREW,HHF,M14-2.0 X 40,DIN 692	
4	81852	SCREW,HHC,7/16-14 X 1.75	
5	6097	WASHER,FLAT,USS,3/8",Y	
6	6083	NUT,HEX,7/16-14	
7	20912	WASHER,LOCK,.437,PLTD.	
8	60790	BOLT,CARRIAGE,3/8-16 X1.50,G5	
9	4828	NUT,NYLOCK,3/8-16	
10	60707	GENERATOR,3500W,120V,60HZ**	
--	89908	GENERATOR,3000W,220V,50HZ***	
11	81852	SCREW,HHC,7/16-14 X 1.75	
12	45400	SPACER TUBE,.50 LG	
13	23057	SCREW,HHC,M8 X 20MM	
14	33277	WASHER,FLAT,M8,YELLOW ZINC	
15	1251549	FORMING, GENERATOR MOUNT	
16	1251542	V BELT, COGGED, AX32	
17	1253623	SCREW,HHC,M10-1.5X80,DIN931,10	
18	22700	WASHER,LOCK,M10	
19	1254367	PULLEY, DEUTZ T4 GENERATOR	
20	1253596	SPACER,PULLEY,DEUTZ TIER 4 GEN	
21	1253176	V BELT, COGGED, AX37	
22	75029	SCREW,HHC,M12 X 1.75X 25MM,8.8	
23	49409	WASHER,LOCK,M12	
24	1253177	PULLEY, PERKINS T4 GENERATOR	

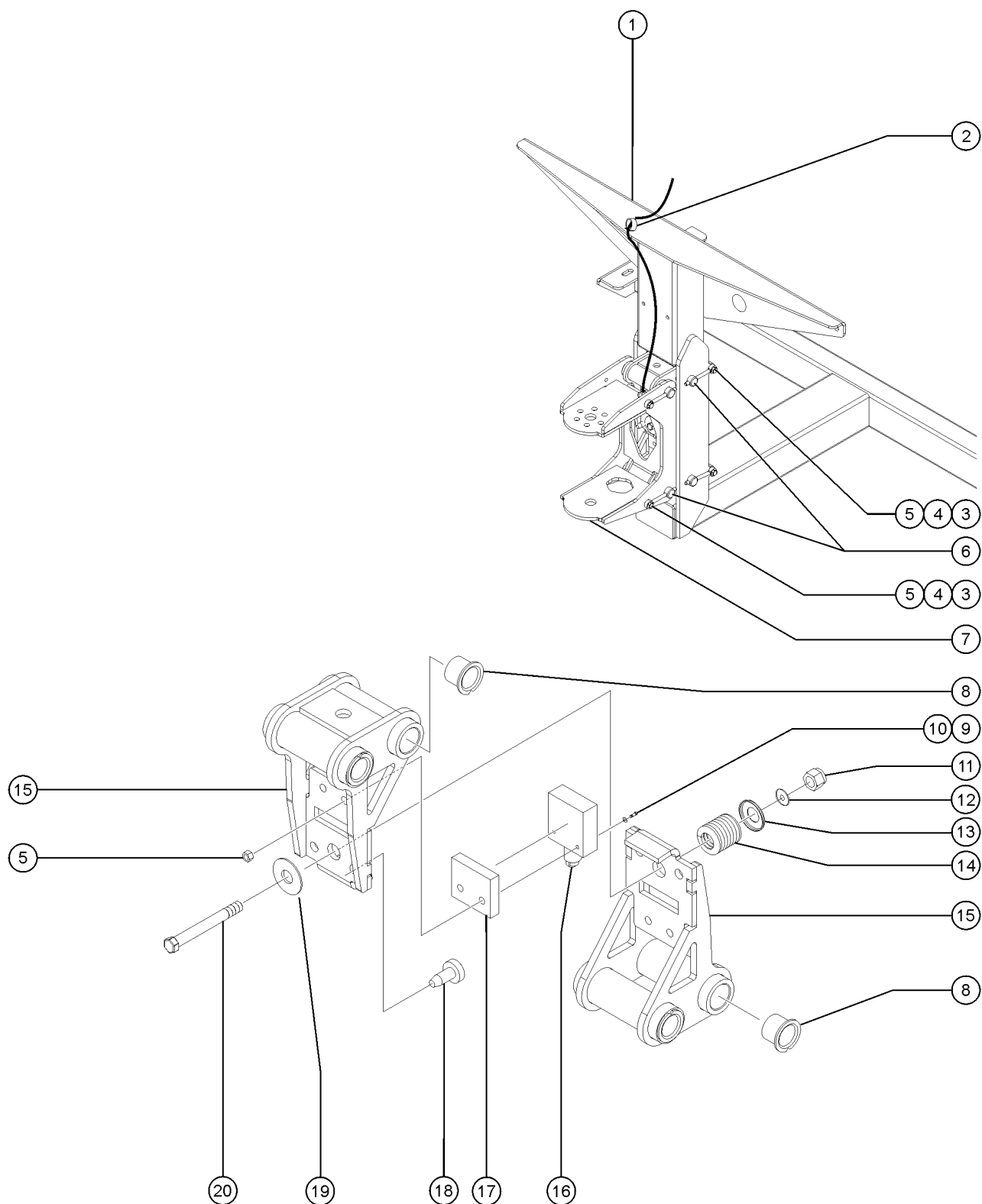
820.1 Belt Generator Option - View 2



820.1 Belt Generator Option - View 2

Item	Part No.	Description	Qty.
1		refer to 305.1 for location	
2	121874	FORMING, BELT GEN. COVER	
3	60739	VOLTAGE REGULATOR,220V	
--	60738	VOLTAGE REGULATOR,110V	
4	81558	HARNESS,GENERATOR W/REGULATOR <i>(Harness, for BD generator)</i>	
--	81559	HARNESS,GENERATOR W/REG.220V <i>(Harness, for BD generator)</i>	
5	7056	CONN,SQUEEZE,1/2NPT .38-.50,SM	
--	6935	LOCKNUT,ELEC,1/2"	
6	10775	T-BOX,2.75 X 4.5 X 2.0	
7	74006	COVER,GFCI,HORIZONTAL,WEATHER <i>North American models</i>	
--	80543	RECEPTACLE, 120VAC, 20A, GFCI	
8	10777	COVER,BLANK	
--	81458	GASKET, UK POWER TO PLAT	
9	121873	JUNCTION BOX OUTLET BRACKET	
10	57075	SCREW,PHIL,8-32X.50,SELF TAP	
11	6687	BUTT SPLICE,14/16GA.	
12	121419	SCREW,HHF,1/4-20 X .75	
13	121421	NUT,FLG,1/4-20	
14	6782	NUT,NYLOCK,5/16-18	
15	5397	WASHER,FLAT,USS,5/16",Y	
16	13002	SCREW,HHC,5/16-18 X 1 GR5	
17	6178	NUT,NYLOCK,10-32	
18	6146	WASHER,FLAT,MS,#10,Y	
19	49816	SCREW,PHILLIPS,PHM,10-32 X .75	

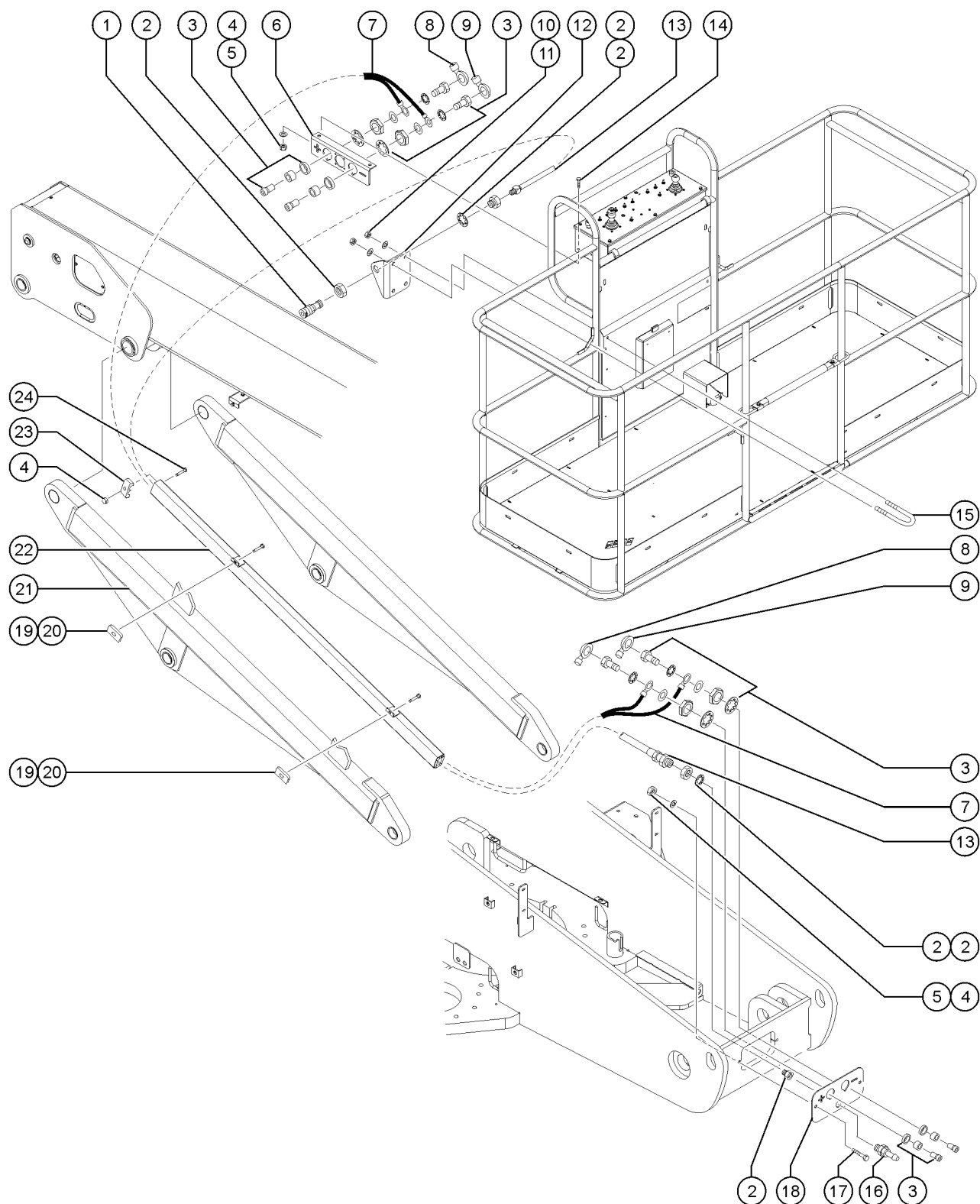
821.1 Platform Overload - European Models



821.1 Platform Overload - European Models

Item	Part No.	Description	Qty.
--	128045	MODULE,LOAD SENSE 2007	
--	121846	RELAY,TIME DELAY,2 SEC,10A (Part of Load Sense with Recovery option)	
--	121847	RELAY,TIME DELAY,2 SEC,30A (Part of Load Sense with Recovery option)	
1	61997	WELDMENT,PLATFORM SUPPORT,CE.....1 CE models	
2	6833	CLAMP,0.50,#8 X 1/4,RUB CUSH....1	
--	6090	SCREW,HHC,1/4-20 X .75	
--	6091	NUT,NYLOCK,1/4-20	
3	6888	SCREW,HHC,1/4-20 X 1	
4	45748	ROD END,.250 X 2.75 LG.....4	
5	6091	NUT,NYLOCK,1/4-20	
6	61726	PIN,0.75DIAX5.75LG,CHAMFER....4	
--	94643	ZERK,GREASE,5/16-24,STRAIT	
7	61804	WELDMENT,ROTATOR SUPPORT.....1	
8	25685	BEARING,GARLOCK,12FDU12.....8	
9	51063	SCREW,PHILLIPS,RHM,10-32 X 1.5	
10	6146	WASHER,FLAT,MS,#10,Y	
11	4828	NUT,NYLOCK,3/8-16	
12	6097	WASHER,FLAT,USS,3/8",Y	
13	61975	RETAINER,SPRING,1.21 X .375.....1	
14	61974	SPRING,COMP,1" OD,232 LB/IN....1	
--	61976	SPRING,COMP,1-1/4"OD 352 LB/IN (Load sense, 750 lb)	
15	89755	LOAD SUPPORT W/BEARINGS.....2 Includes item 8	
--	110789	WASHER,SHIM .0151 THK.	
16	121848	ASSY,LS,LOAD SENSE,38.5 IN	
17	61972	MOUNT,SWITCH.....1	
18	34619	BUMPER,RUBBER***.....2	
19	80605	WASHER,FLAT,3/8X1.5X.06	
20	21604	SCREW,HHC,3/8-16 X 3.25	

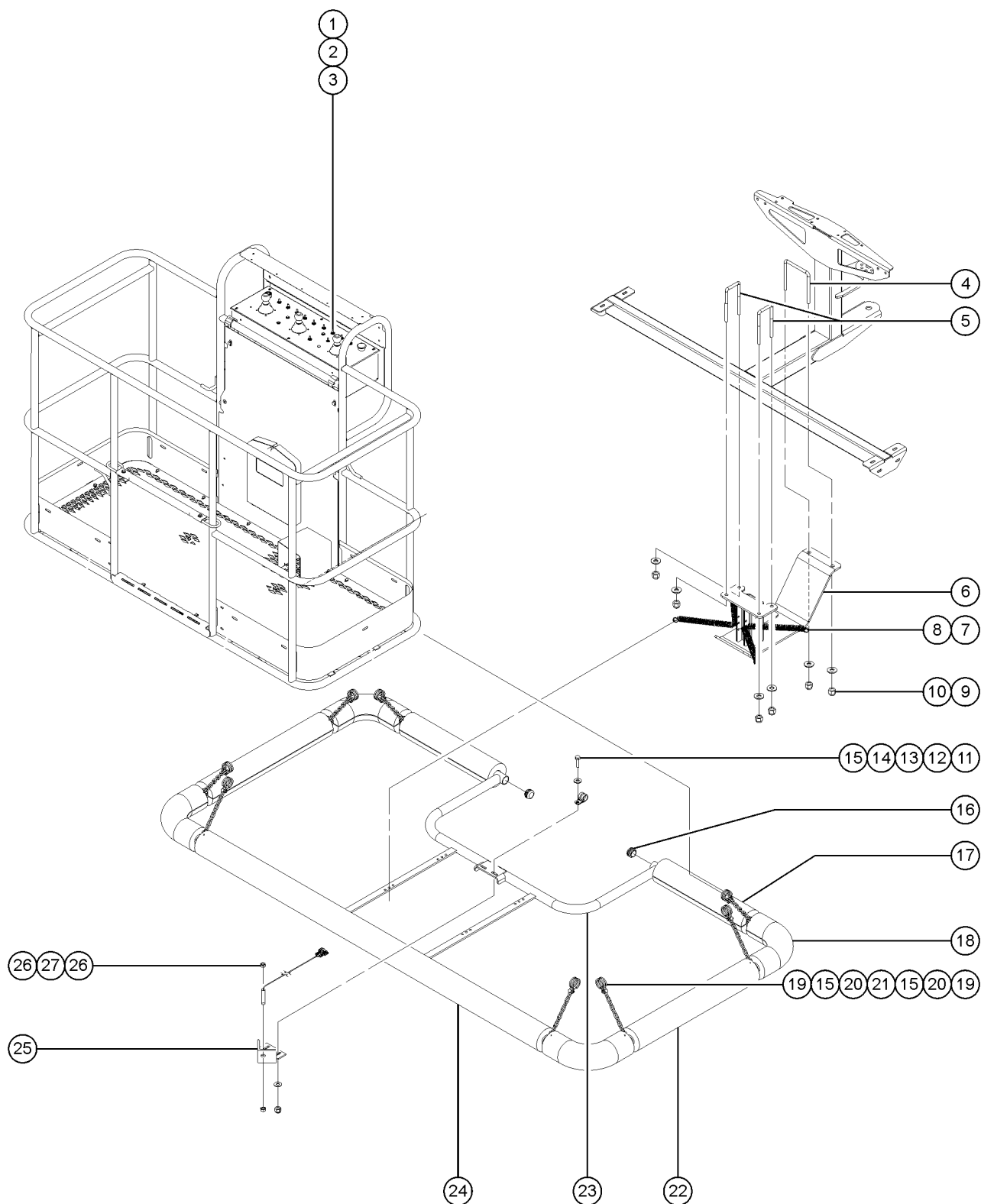
822.1 Air Line and Weld Cables



822.1 Air Line and Weld Cables

Item	Part No.	Description	Qty.
1	49215	MPT,CPLR,1/4"SER,3/8"X18.....	1
2	49212	FEMALE BULKHEAD CONNECTOR-8.....	2
3	81130	RECEPTICLE,WELD CABLE,FEMALE.....	4
4	6091	NUT,NYLOCK,1/4-20	
5	6638	WASHER,FLAT,USS,1/4"Y	
6	88658	BRACKET,WELD OPTION.....	1
7	T109690	WELD CABLE ASSY, S85.....1203-inches <i>Includes parts 51147 and 89977</i>	
7	T109691	WELD CABLE ASSY, S80.....1143-inches <i>Includes parts 51147 and 89977</i>	
8	51147	BOOT,CABLE TERMINAL,LG,RED,2/0.....	2
9	89977	BOOT,CABLE TERMINAL,BLACK,2/0.....	2
10	4828	NUT,NYLOCK,3/8-16	
11	5397	WASHER,FLAT,USS,5/16",Y	
12	60886	FORMING,AIR FIT/WELD STUDPLAT*.....	1
13	T109692	AIRLINE ASSY, S85.....	1214-inches
13	T109693	AIRLINE ASSY, S80.....	1154-inches
14	6090	SCREW,HHC,1/4-20 X .75	
15	122755	UBOLT,FLATTENED,1.5DIAX3/8 UNC.....	1
16	49214	MALE PIPE THD,1/4" SER,3/8"X18.....	1
17	36294	SCREW,HHC,1/4-20 X 2.75	
18	121595	PLATE,WELD OPTION.....	1
19	121899	PLATE,3/8-16 TAPPED.....	2
20	122209	SCREW,HHF,3/8-16 X1.50	
21	Ref.	ASSEMBLY,WELDMENT LONG LINK <i>(Refer to 506.1)</i>	
22	121781	WELDMENT,LONG LINK,CABLE COVER.....	1
23	121785	CLAMP,OPTIONS,LONG LINK.....	1
24	6145	SCREW,HHC,1/4-20 X 1.5	

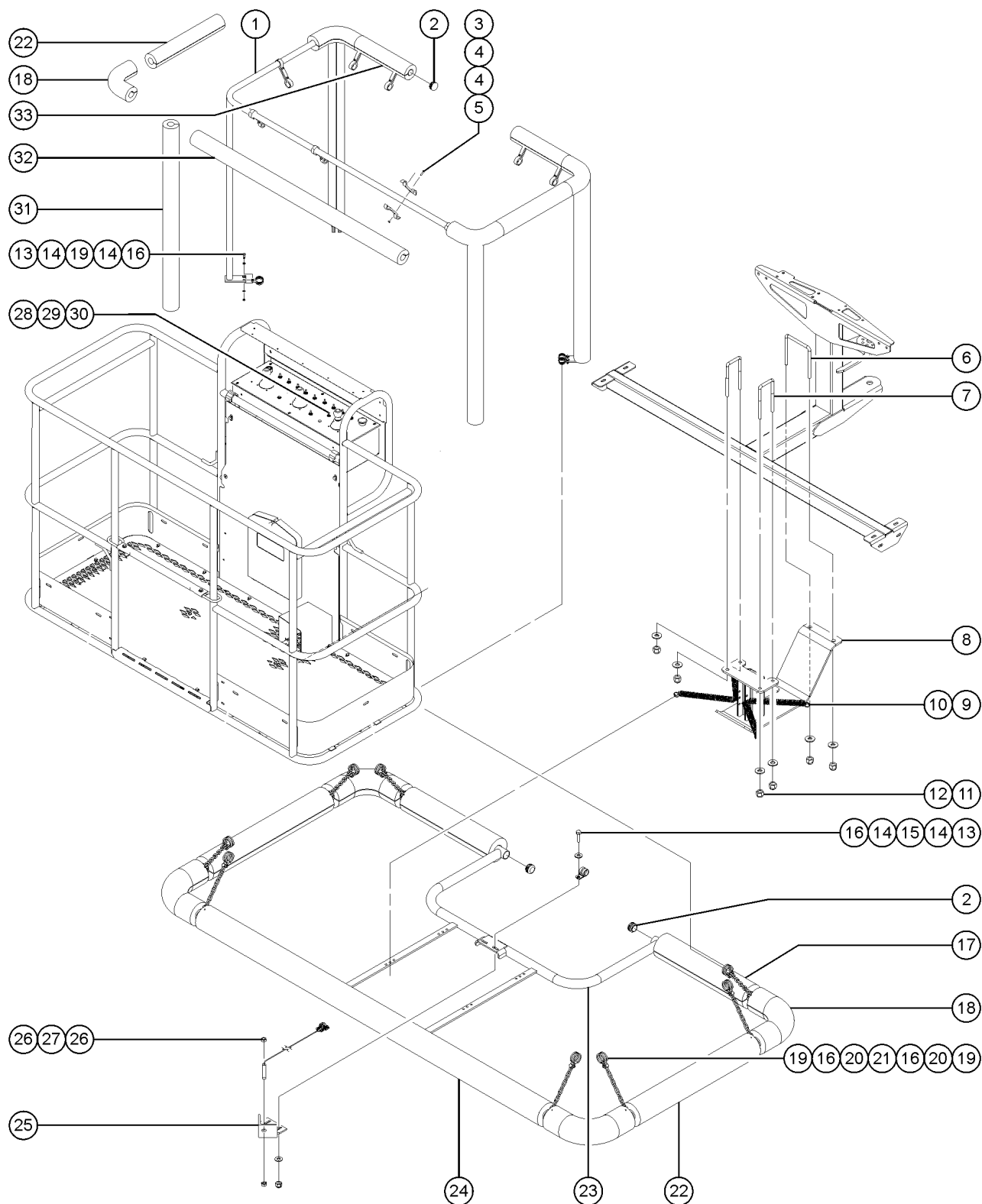
823.1 Airline Protection Package, Standard (from SN 8126)



823.1 Airline Protection Package, Standard (from SN 8126)

Item	Part No.	Description	Qty.
1	128203	SWITCH TOGGLE ASSY SPDT 2P MOM.....	1
--	139882	HARN, AC PROTECTION BYPASS.....	1
2	27246	BOOT,TOGGLE SWITCH,SHORT*.....	1
3		Ref. DECAL,FUNCTION OVERRIDE..... (Refer to 101.1 or 102.1)	1
4	106044	U-BOLT,3/8-16X4X4.63X3.00.....	1
5	66472	U-BOLT, SQR, 3/8-16X2X5, PLTD.....	2
6	139904	WELDMENT, SKIDPLATE.....	1
7	88384	SPRING, SS, 3/4-EO750-69-4500...	4
8	88385	SPRING, SS, 1/2-EO500-49-4500...	4
9	4828	NUT,NYLOCK,3/8-16	
10	5397	WASHER,FLAT,USS,5/16",Y	
11	6888	SCREW,HHC,1/4-20 X 1	
12	6638	WASHER,FLAT,USS,1/4"Y	
13	6833	CLAMP,0.50,#8 X 1/4,RUB CUSH....	1
14	6638	WASHER,FLAT,USS,1/4"Y	
15	6091	NUT,NYLOCK,1/4-20	
16	55753	BUMPER, PLASTIC, 1.25 O.D.....	2
17	75617-1675	PADDING,FOAM 3.5"OD X 1.50"ID.....	2
18	75636	PADDING,FOAM,3.0"X1.50ID 90DEG.....	4
19	21618	CLAMP,1.13,#18 X 1/4,RUB CUSH.....	16
20	6090	SCREW,HHC,1/4-20 X .75	
21	56426-700	CHAIN,NO.2 (11 LINKS).....	8
22	75617-2275	PADDING,FOAM 3.5"OD X 1.50"ID.....	2
23	139181	WELDMENT,AIRCRAFT SENSOR BUMPR.....	1
24	75617-6475	PADDING,FOAM 3.5"OD X 1.50"ID.....	1
25	77797	WELDMENT, SENSOR MOUNT.....	1
26	88390	NUT,HEX,M8,PLASTIC	
27	81532	HARNES,PROX.KILL..... <i>includes 27391 proximity sensor</i>	1
--	27391	PROXIMITY SENSOR***	

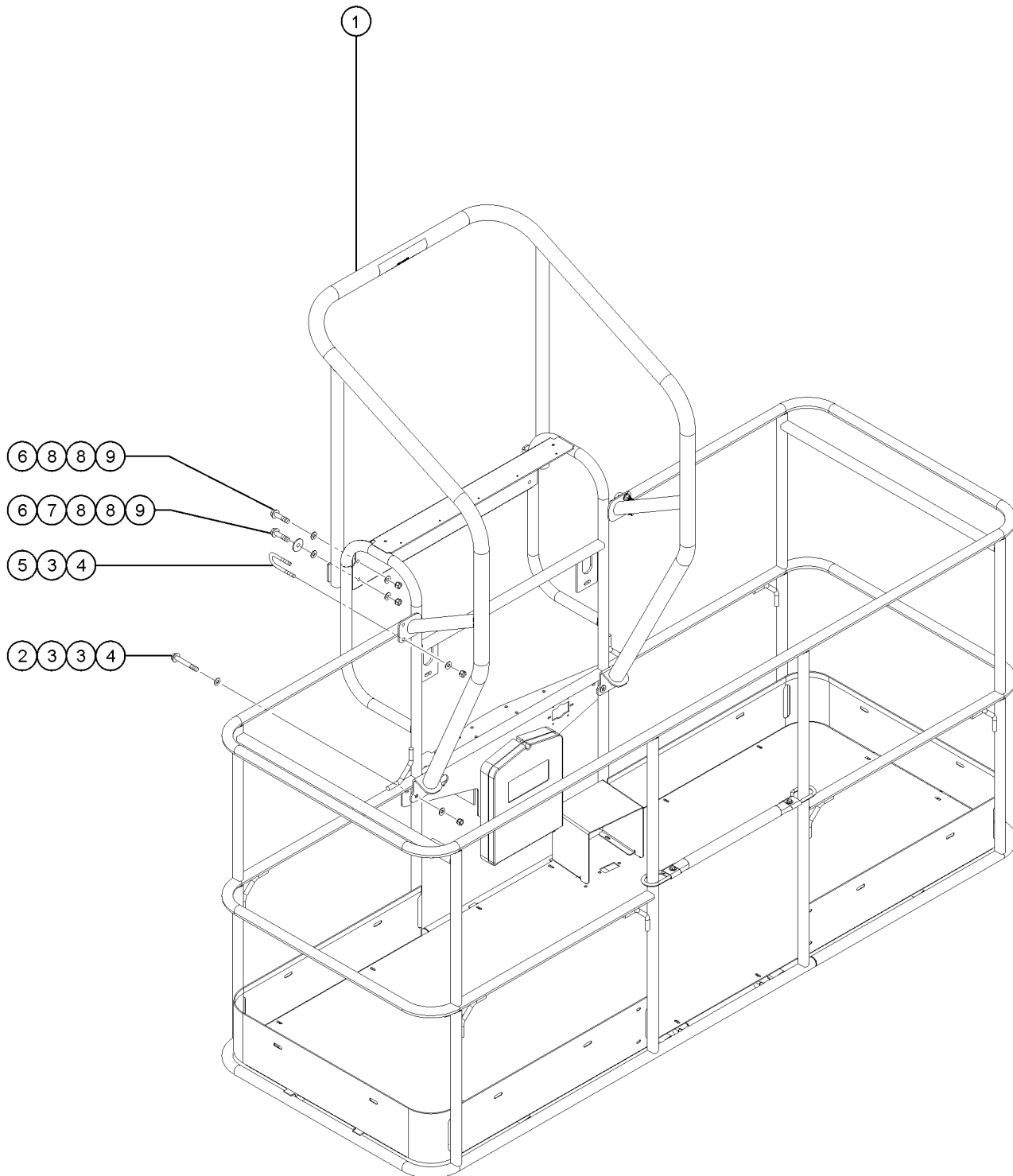
824.1 Airline Protection Package, Deluxe (from SN 8126)



824.1 Airline Protection Package, Deluxe (from SN 8126)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	46188	WELDMENT, AIRCRAFT TOP BUMPER.....	1	30		Ref. DECAL,FUNCTION OVERRIDE..... (Refer to 101.1 or 102.1)	1
2	55753	BUMPER, PLASTIC, 1.25 O.D.....	4	31	75617-4788	PADDING,FOAM 3.5"OD X 1.50"ID.....	4
3	122231	SCREW,BHSC,1/4-20 X 1		32	75617-6275	PADDING,FOAM 3.5"OD X 1.50"ID.....	1
4	122073	SUPPORT, RAILING.....	20	33	75617-1538	PADDING,FOAM 3.5"OD X 1.50"ID.....	2
5	6889	NUT,LP NYLOCK,1/4-20					
6	106044	U-BOLT,3/8-16X4X4.63X3.00.....	1				
7	66472	U-BOLT, SQR, 3/8-16X2X5, PLTD.....	2				
8	139904	WELDMENT, SKIDPLATE.....	1				
9	88384	SPRING, SS, 3/4-EO750-69-4500...	4				
10	88385	SPRING, SS, 1/2-EO500-49-4500...	4				
11	4828	NUT,NYLOCK,3/8-16					
12	5397	WASHER,FLAT,USS,5/16",Y					
13	6888	SCREW,HHC,1/4-20 X 1					
14	6638	WASHER,FLAT,USS,1/4"Y					
15	6833	CLAMP,0.50,#8 X 1/4,RUB CUSH....	1				
16	6091	NUT,NYLOCK,1/4-20					
17	75617-1675	PADDING,FOAM 3.5"OD X 1.50"ID.....	2				
18	75636	PADDING,FOAM,3.0"X1.50ID 90DEG.....	8				
19	21618	CLAMP,1.13,#18 X 1/4,RUB CUSH.....	16				
20	6090	SCREW,HHC,1/4-20 X .75					
21	56426-700	CHAIN,NO.2 (11 LINKS).....	8				
22	75617-2275	PADDING,FOAM 3.5"OD X 1.50"ID.....	4				
23	139181	WELDMENT,AIRCRAFT SENSOR BUMPR.....	1				
24	75617-6475	PADDING,FOAM 3.5"OD X 1.50"ID.....	1				
25	77797	WELDMENT, SENSOR MOUNT.....	1				
26	88390	NUT,HEX,M8,PLASTIC					
27	81532	HARNESS,PROX.KILL..... <i>includes 27391 proximity sensor</i>	1				
--	27391	PROXIMITY SENSOR***					
28	128203	SWITCH TOGGLE ASSY SPDT 2P MOM.....	1				
--	139882	HARN, AC PROTECTION BYPASS.....	1				
29	27246	BOOT,TOGGLE SWITCH,SHORT*.....	1				

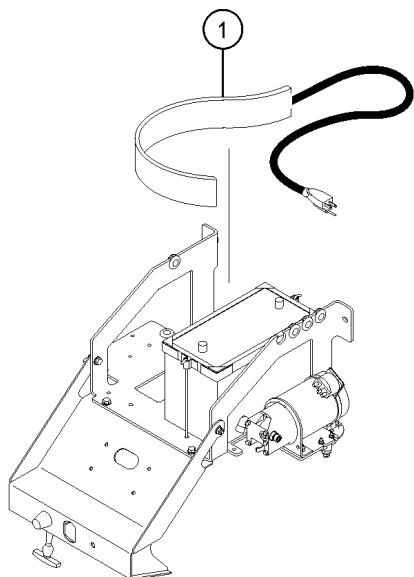
825.1 Operator Protection Structure



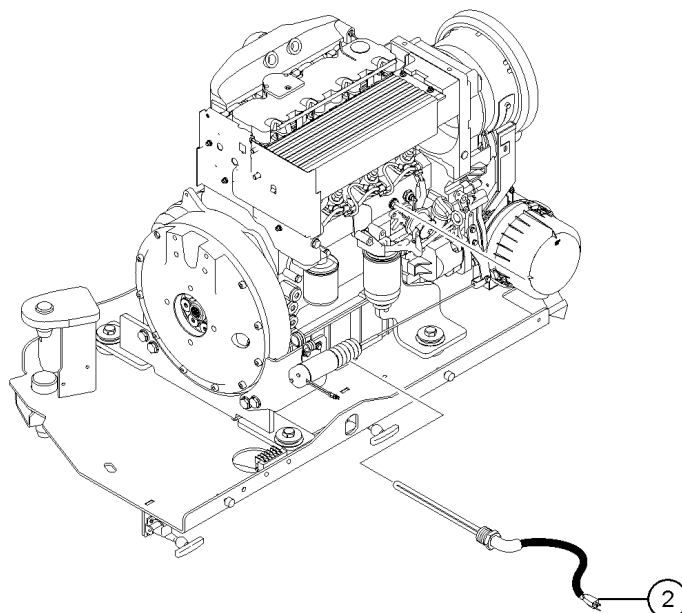
825.1 Operator Protection Structure

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

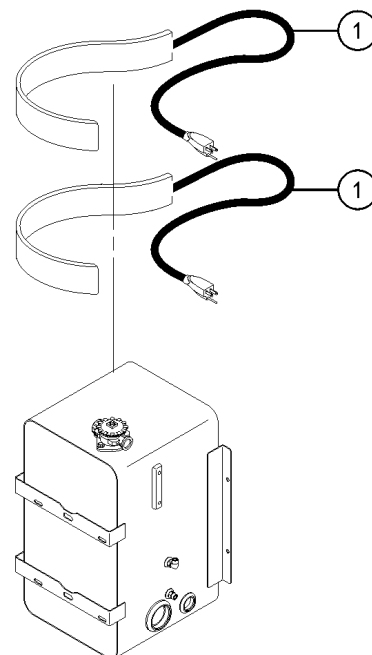
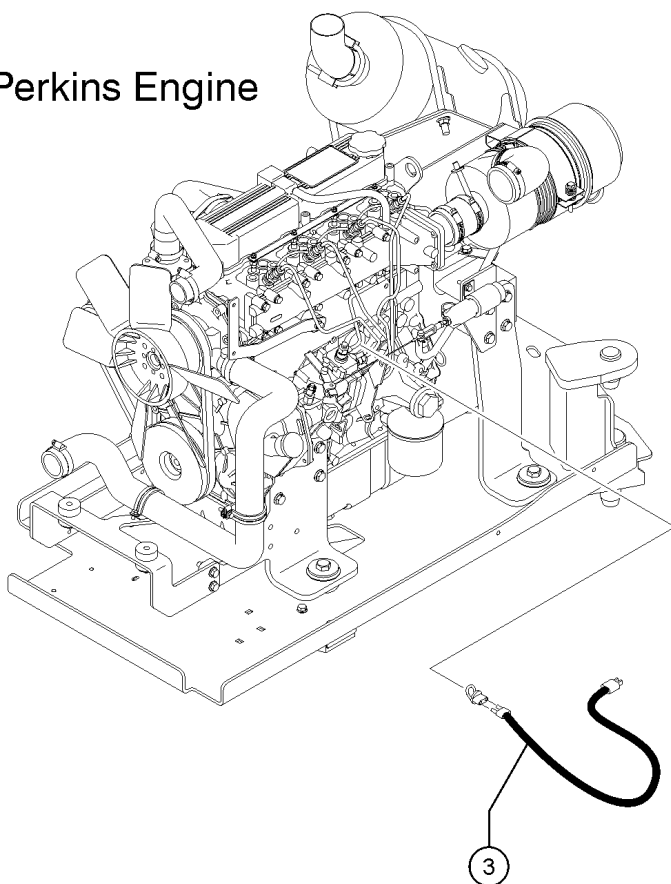
826.1 Cold Start Package (to SN 10193)



Deutz Engine



Perkins Engine

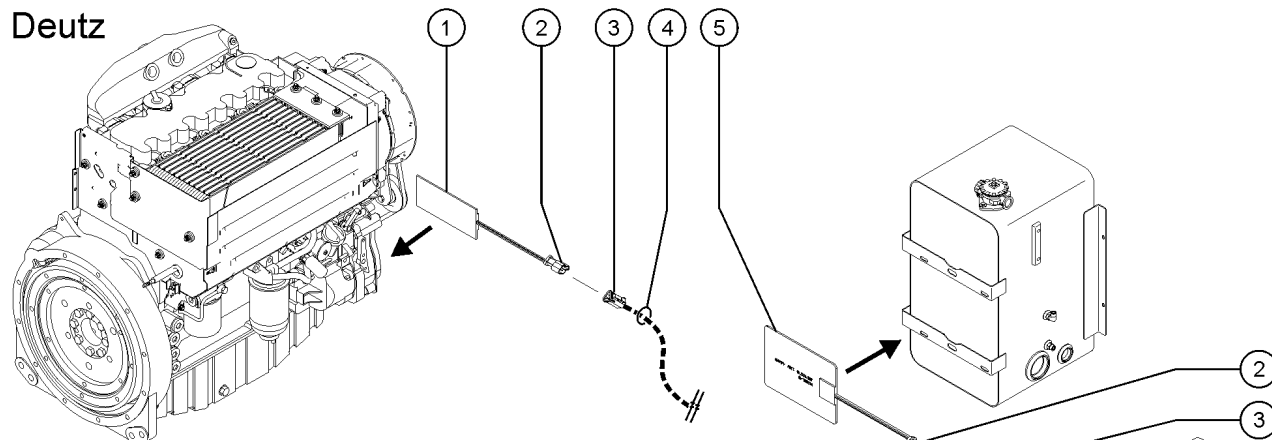


826.1 Cold Start Package (to SN 10193)

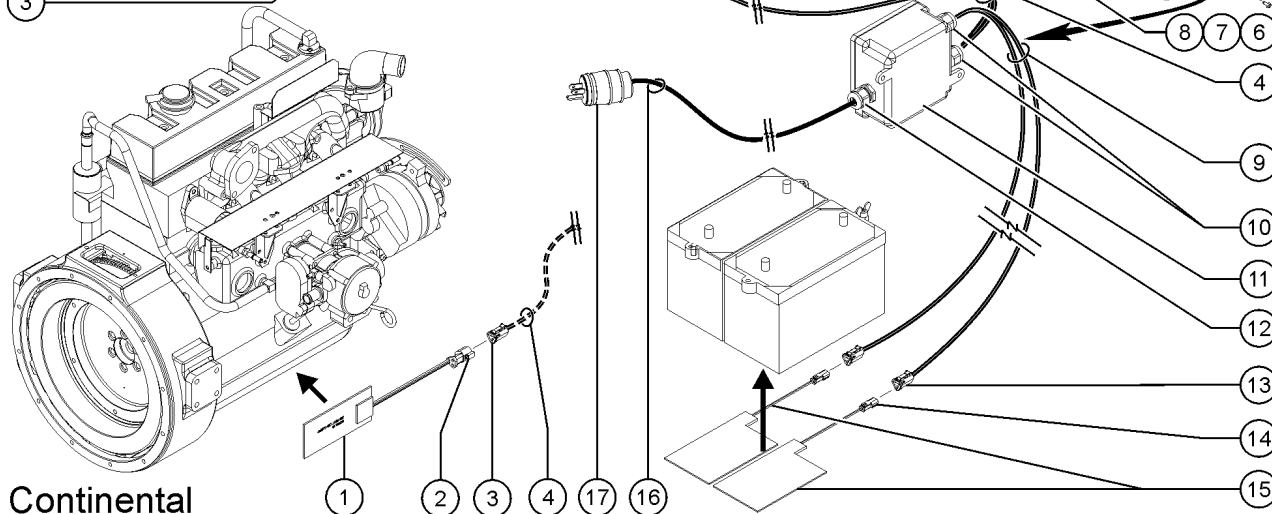
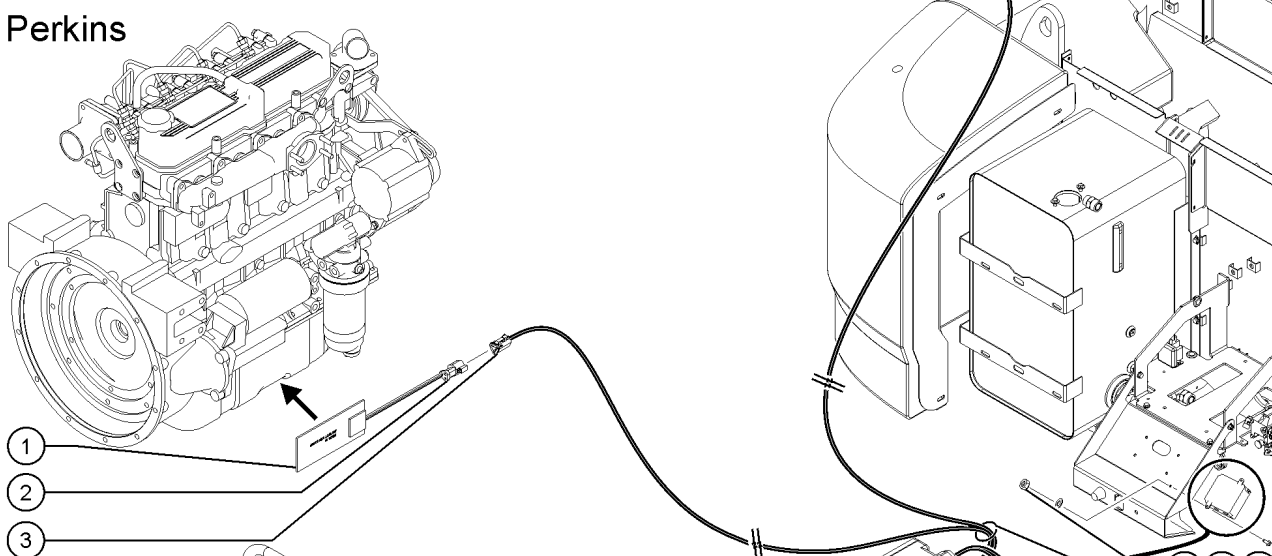
Item	Part No.	Description	Qty.
--	122547	COLD START PKG,110V,PERKINS	
--	122548	COLD START PKG,110V,DEUTZ	
--	122549	COLD START PKG,CONTINENTAL	
1	28853	BLANKET,BATTERY.....	3
2	128274	OIL PAN HEATER,DEUTZ,120V,150W.....	1
3	101632	FREEZE PLUG HEATER,PERKINS 804.....	1

827.1 Cold Start Package (from SN 10194)

Deutz



Perkins



Continental

827.1 Cold Start Package (from SN 10194)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	1259220	HARN,START ASSIST,PERKINS,S80		--	216618	ASSY, BATTERY HEATER, 240V (240V)	
1	216615	ASSY HEATER, MODEL 18, 120V.....1 (120V)	1	16	216645	HARNESS, 120V POWER CORD, 12".....1 (120V) includes items 12 and 17	1
--	216616	ASSY HEATER, MODEL 18, 240V (240V)		--	216646	HARNESS, 240V POWER CORD, 12" (240V) includes item 12 only	
2	119066	CONN,RECEP 3 WAY ENDCAP DT.....2 Part of heater assembly	2	17	119403	CONN,PLUG 120 AC/15A DOMESTIC.....1 Part of wire harness	1
3	119057	CONN PLUG 3 WAY ENDCAP DT.....2 Part of wire harness	2				
4	216662	HARNESS,ENG/HYD HEATER,120V.....1 (120V)	1				
--	216683	HARNESS,ENG/HYD HEATER,240V (240V)					
5	216612	ASSY,120V HEATER, HYD TANK....1 (120V)	1				
--	216611	ASSY,240V HEATER, HYD TANK (240V)					
6	14392	NUT,LP NYLOCK,10-32					
7	6146	WASHER,FLAT,MS,#10,Y					
8	75041	SCREW,PHILLIPS,PHM,10-32 X 1					
9	216659	HARNESS, 120V BATT CABLE, 36".....1 (120V)	1				
--	216680	HARNESS, 240V BATT CABLE, 36" (240V)					
10	99778	CABLE SQUEEZE CONN,4 WIRE...2 Part of of wire harness	2				
--	238123	HUBBLE NUT, PG11					
11	214249	COLD WEATHER 120V J BOX ASSY.....1 (120V)	1				
--	237711	COLD WEATHER 240V J BOX ASSY (240V)					
12	214536	SQUEEZE CONN W/NUT, 2WIRE, 4MM.....1 Part of of wire harness	1				
13	119056	CONN PLUG 2 WAY ENDCAP DT.....1	1				
14	119065	CONN,RECEP 2 WAY ENDCAP DT.....1	1				
15	216617	ASSY, BATTERY HEATER, 120V.....2 (120V)	2				

828.1 Arctic High Pressure Hose Kit, S-85

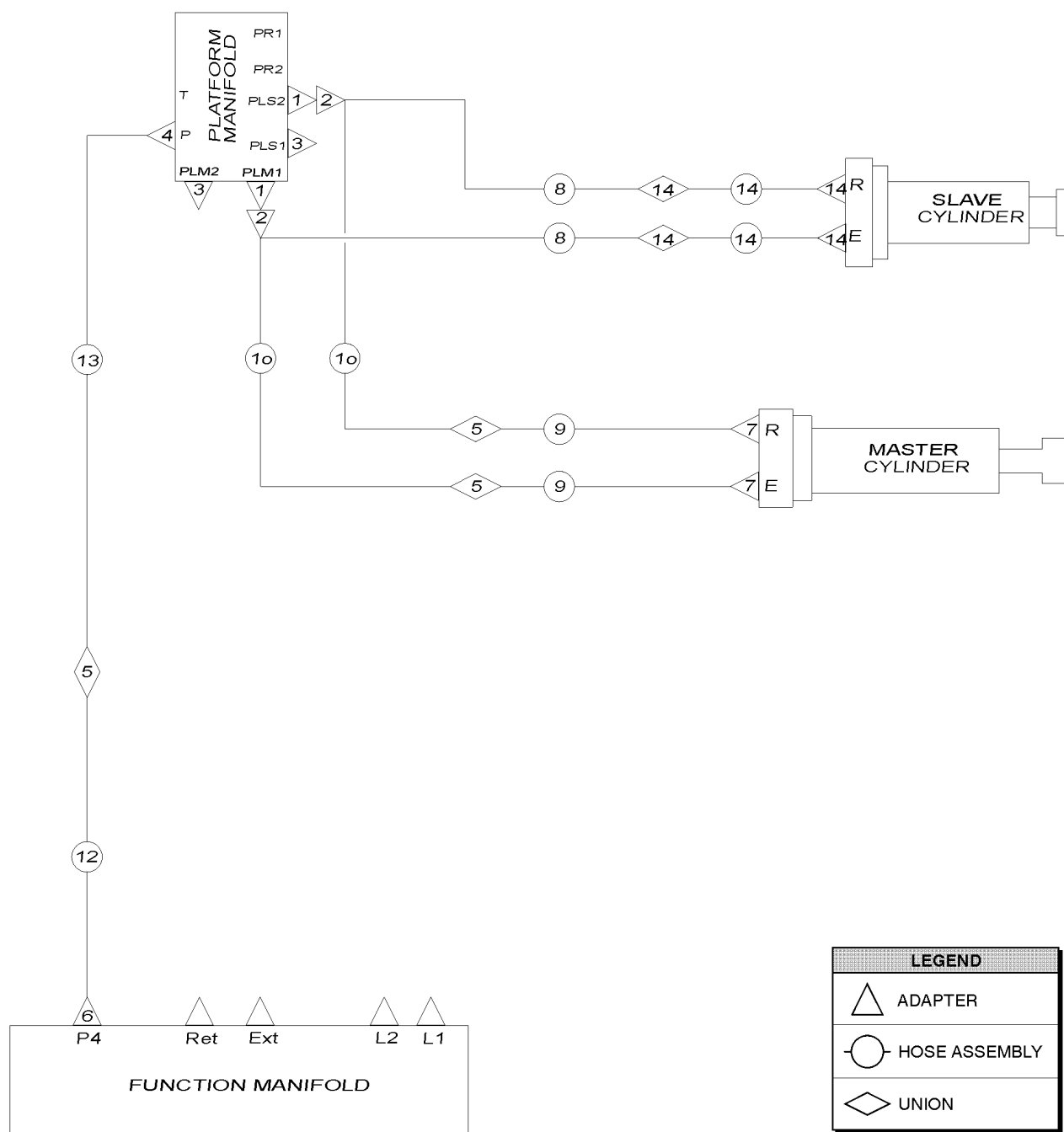


Figure 828.1

828.1 Arctic High Pressure Hose Kit, S-85

Item	Part No.	Description	Qty.
1	48927	CONN,520120-6-4.....	2
2	48875	TEE,RUN,SWIVEL,520432-6.....	2
3	39882	PLUG,HEX SOCKET,090109B-4.....	2
4	48928	ELBOW,45D,520320-6-4.....	1
5	61321	ELBOW,90D,BLKHD,ORFS-6-6 W/NUT.....	3
6	48916	FITTING,CONN,520120-6.....	1
7	48926	FITTING,ELBOW,90D,520220-6-4...	2
8	234975	HOSE ASSY3/8,-4STRFEM,-6 90FEM.....	2
9	49128-34109	HOSEASSY3/8,-6STRFEM,-6 90FEM.....	2
10	49130-80582	HOSE ASSY3/8,-6STRFEM,-6STRFEM....	2
12	49130-51082	HOSEASSY3/8,-6STRFEM,-6STRFEM.	1
13	49128-80609	HOSE ASSY3/8,-6STRFEM,- 90FEM.....	1
14	REF.	(Refer to 713.1 or 714.1)	

829.1 Arctic High Pressure Hose Kit, S-80X and S-80

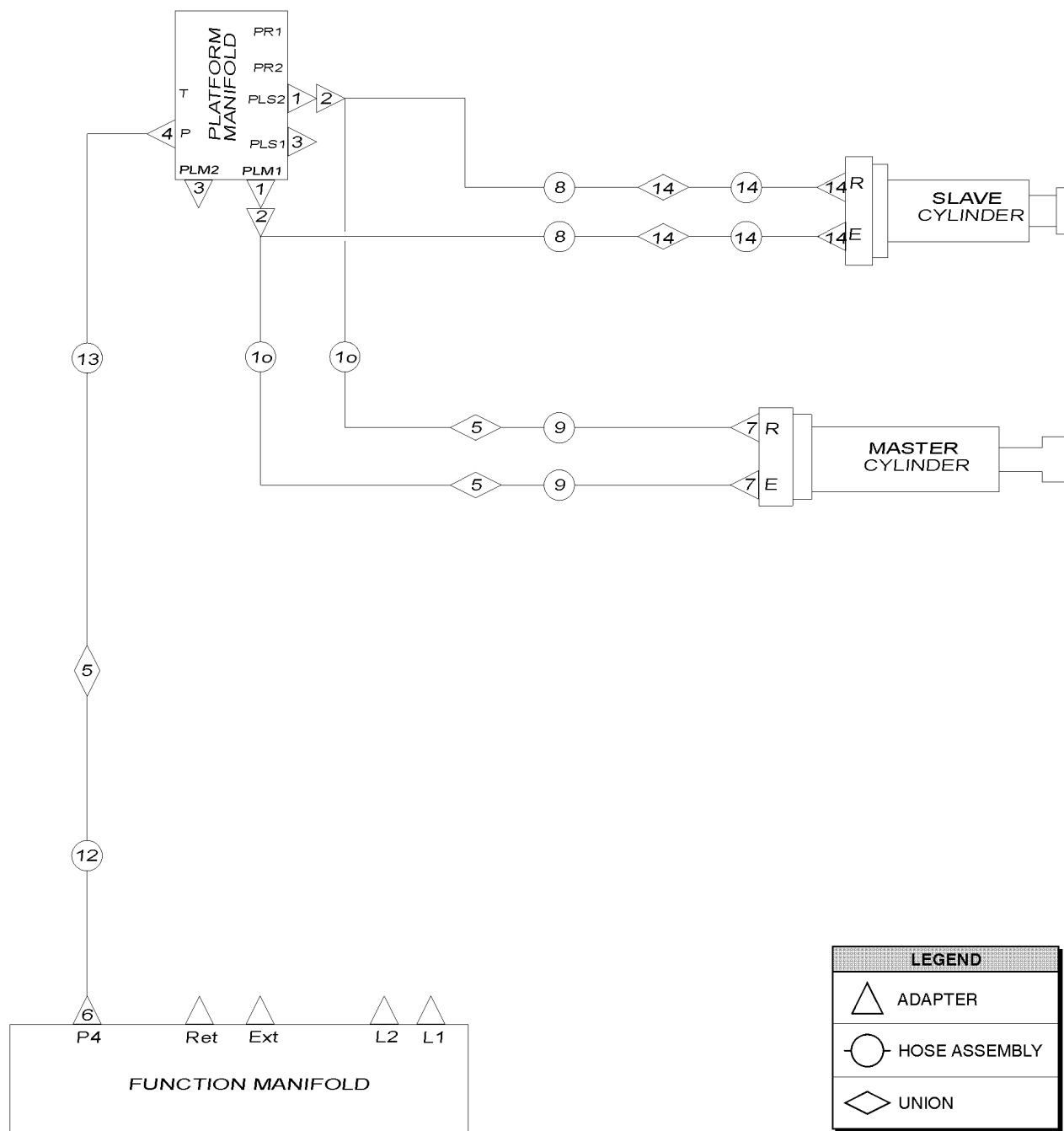


Figure 828.1

829.1 Arctic High Pressure Hose Kit, S-80X and S-80

Item	Part No.	Description	Qty.
1	48927	CONN,520120-6-4.....	2
2	48875	TEE,RUN,SWIVEL,520432-6.....	2
3	39882	PLUG,HEX SOCKET,090109B-4.....	2
4	48928	ELBOW,45D,520320-6-4.....	1
5	61321	ELBOW,90D,BLKHD,ORFS-6-6 W/NUT.....	3
6	48916	FITTING,CONN,520120-6.....	1
7	48926	FITTING,ELBOW,90D,520220-6-4...2	
8	228896	HOSEASSY3/8,-4STRFEM,-6 90FEM.....	2
9	49128-34109	HOSEASSY3/8,-6STRFEM,-6 90FEM.....	2
10	49130-66982	HOSEASSY3/8,-6STRFRM,-6STRFEM.2	
12	49130-51082	HOSEASSY3/8,-6STRFEM,-6STRFEM.1	
13	49128-67009	HOSEASSY3/8,-6STRFEM,-6 90FEM.....	1
14	REF.	(Refer to 713.1 or 714.1)	

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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	Genie PN	Parker PN	Description
48771	881-10	HOSE, 5/8 INCH ID	48847	13943-12-12	HOSE END, 90° FEMALE SWIVEL, JIC
48772	381-4	HOSE, 1/4 INCH ID	48848	10543-12-12	HOSE END, MALE, STRAIGHT THREAD
48773	AS-B-13	SLEEVE, NYLON, .86" ID	48849	1JC71-12-12	HOSE END, FEMALE SWIVEL, SEAL LOK
48800	1JC43-4-4	HOSE END, FEMALE SWIVEL, SEAL LOK	48850	1JS71-12-12	HOSE END, FEMALE SWIVEL, SEAL LOK
48801	1J743-4-4	HOSE END, 45° FEMALE SWIVEL, SEAL LOK	48851	1J171-12-12	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
48802	1J943-4-4	HOSE END, 90° FEMALE SWIVEL, SEAL LOK	48852	1J771-12-12	HOSE END, 45° FEMALE SWIVEL, SEAL LOK
48804	1JM43-4-4	HOSE END, MALE, SEAL LOK, NO O-RING	48853	1J971-12-12	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
48805	10643-4-4	HOSE END, FEMALE SWIVEL, JIC	48854	1JC43-16-16	HOSE END, FEMALE SWIVEL, SEAL LOK
48806	13943-4-4	HOSE END, 90° FEMALE SWIVEL, JIC	48855	1J943-16-16	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
48807	1JS43-4-4	HOSE END, FEMALE SWIVEL, SEAL LOK	48856	1J171-16-16	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
48808	3JC82-8-8	HOSE END, FEMALE SWIVEL, SEAL LOK	48857	1J971-16-16	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
48809	3JC82-12-12	HOSE END, FEMALE SWIVEL, SEAL LOK	48859	1JS43-8-4	HOSE END, FEMALE SWIVEL, SEAL LOK
48810	1JC43-6-4	HOSE END, FEMALE SWIVEL, SEAL LOK	48867	PD36BTL	DIAGNOSTIC NIPPLE, SEAL-LOK SWIVEL
48811	1J943-6-4	HOSE END, 90° FEMALE SWIVEL, SEAL LOK	48873	6 PNLO-S	PLUG, TUBE END, ORFS
48812	1JC43-6-6	HOSE END, FEMALE SWIVEL, SEAL LOK	48874	6 PNTX-S	PLUG, FLARE TUBE
48813	1J143-6-6	HOSE END, 90° FEMALE SWIVEL, SEAL LOK	48875	6 R6LO-S	RUN TEE, SWIVEL NUT, ORFS
48814	1J543-6-6	HOSE END, 90° FEMALE SWIVEL, SEAL LOK	48877	4 F5OLO-SW.025	CONNECTOR, STRAIGHT THREAD TO ORFS, W/.025 ORI
48815	1J743-6-6	HOSE END, 45° FEMALE SWIVEL, SEAL LOK	48878	16-12 C5OLO-S	ELBOW, 90°, STRAIGHT THREAD TO ORFS
48816	1J943-6-6	HOSE END, 90° FEMALE SWIVEL, SEAL LOK	48879	8 C6LO-S	ELBOW, 90°, SWIVEL NUT ORFS
48817	1JS43-6-8	HOSE END, FEMALE SWIVEL, SEAL LOK	48880	PD6-285	CAP, DIAGNOSTIC NIPPLE
48818	1J943-8-4	HOSE END, 90° FEMALE SWIVEL, SEAL LOK	48881	6 HLO-S	UNION, ORFS
48819	1JC43-8-6	HOSE END, FEMALE SWIVEL, SEAL LOK	48883	8 P5ON-S	PLUG, STRAIGHT THREAD
48820	1J743-8-6	HOSE END, 45° FEMALE SWIVEL, SEAL LOK	48884	8M18F87OMLO-S	CONNECTOR, METRIC, STRAIGHT THREAD TO ORFS
48821	1J943-8-6	HOSE END, 90° FEMALE SWIVEL, SEAL LOK	48885	4 WGTX-WLN-S	CONNECTOR, BULKHEAD, FEMALE PIPE TO FLARE TUBE
48822	1JC43-8-8	HOSE END, FEMALE SWIVEL, SEAL LOK	48886	4 F5OLO-SW/2MM	CONNECTOR, MACHINED STRAIGHT THREAD TO ORFS
48823	1JS43-8-8	HOSE END, FEMALE SWIVEL, SEAL LOK	48887	4 CTX-S	ELBOW, 90°, MALE PIPE TO FLARE TUBE
48824	1J143-8-8	HOSE END, 90° FEMALE SWIVEL, SEAL LOK	48888	10-12 V5OLO-S	ELBOW, 45°, STRAIGHT THREAD TO ORFS
48825	1J543-8-8	HOSE END, 90° FEMALE SWIVEL, SEAL LOK	48890	4 S5OLO-S	BRANCH TEE, STRAIGHT THREAD TO ORFS
48826	1J743-8-8	HOSE END, 45° FEMALE SWIVEL, SEAL LOK	48891	4 S6LO-S	BRANCH TEE, SWIVEL NUT TO ORFS
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			

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.

Genie North America

Phone 425.881.1800
Toll Free USA and Canada
800.536.1800
Fax 425.883.3475

Genie Australia Pty Ltd.

Phone +61 7 3375 1660
Fax +61 7 3375 1002

Genie China

Phone +86 21 53852570
Fax +86 21 53852569

Genie Malaysia

Phone +65 98 480 775
Fax +65 67 533 544

Genie Japan

Phone +81 3 3453 6082
Fax +81 3 3453 6083

Genie Korea

Phone +82 25 587 267
Fax +82 25 583 910

Genie Brasil

Phone +55 11 41 665 755
Fax +55 11 41 665 754

Genie Holland

Phone +31 183 581 102
Fax +31 183 581 566

Genie Scandinavia

Phone +46 31 575100
Fax +46 31 579020

Genie France

Phone +33 (0)2 37 26 09 99
Fax +33 (0)2 37 26 09 98

Genie Iberica

Phone +34 93 579 5042
Fax +34 93 579 5059

Genie Germany

Phone +49 (0)4202 88520
Fax +49 (0)4202 8852-20

Genie U.K.

Phone +44 (0)1476 584333
Fax +44 (0)1476 584334

Genie Mexico City

Phone +52 55 5666 5242
Fax +52 55 5666 3241

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