Genie®
A TEREX BRAND

Parts Manual

Serial Number Range

S-80
S-80X
S-85

from SN S8014D-101 to
SN S8016D-235

Part No. 1272314GT
Rev: A.02
September 2024

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.

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First Edition, First Printing

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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.

Machine Information

_____

Model

_____

Serial Number

_____

Date of Purchase

_____

Authorized Genie Distributor

_____

Phone Number

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Toll Free (800)536-1800 in US and Canada

Fax (425)556-8659

Toll Free fax (888)274-6192

Email AWP.PartsSalesPO@terex.com

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TEREX CORPORATION

Service Parts Fax Order Form

Fax to: (425) 556-8659 or Toll Free: 888-274-6192
International: +1-425-556-8659

Please fill out completely

Date _____ Account Number _____

Your Name _____ Your Fax Number _____

_____ Your Phone Number _____

Bill To _____ Ship To _____

_____ _____

_____ _____

_____ _____

Purchase Order Number _____ Ship Via _____

Model(s) _____ **Serial No.(s)** _____

Optional Equipment _____

Part Number	Description	Quantity	Price

All back-ordered parts will be shipped when available via the same ship method as the original order unless Noted below:

- ☐ Ship complete order only - No back orders
- ☐ Ship all available parts and contact customer on disposition of back-ordered parts
- ☐ Other (please specify)

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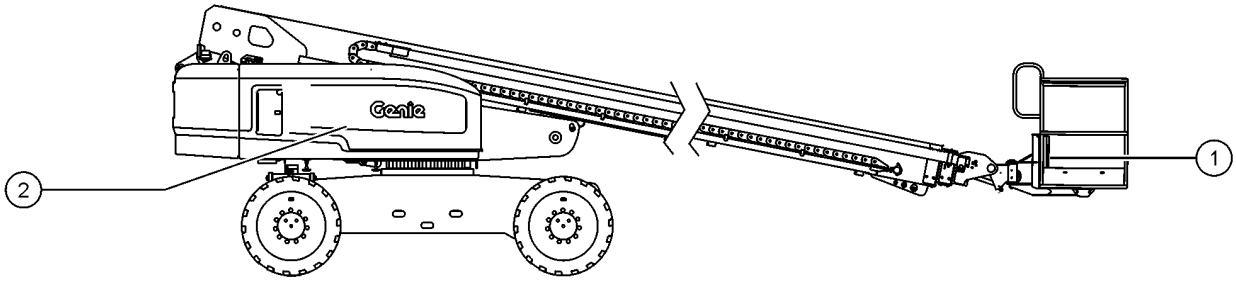
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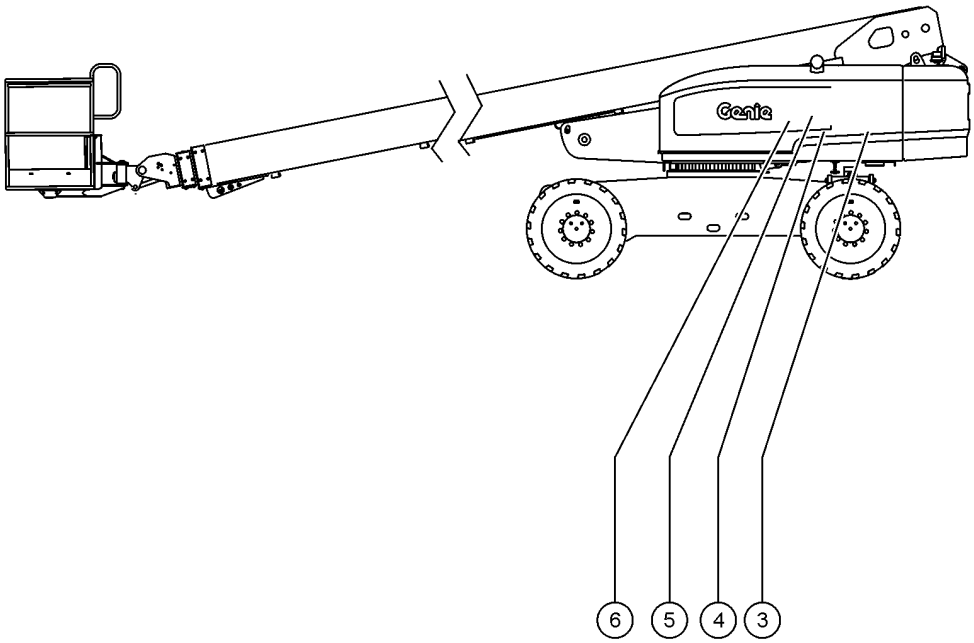
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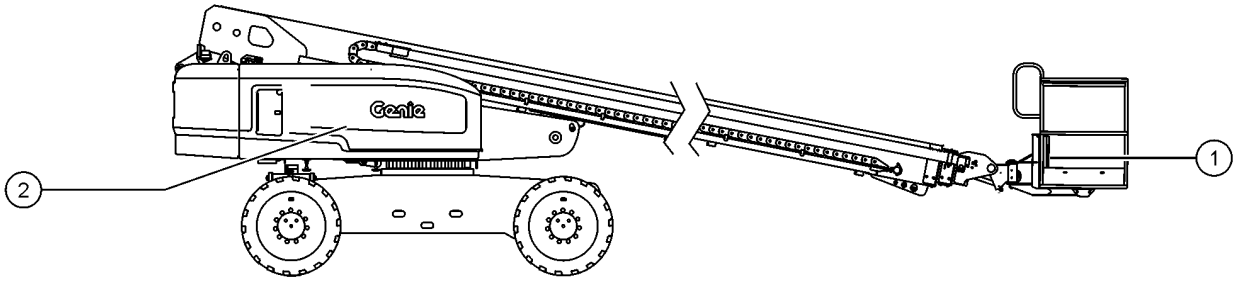
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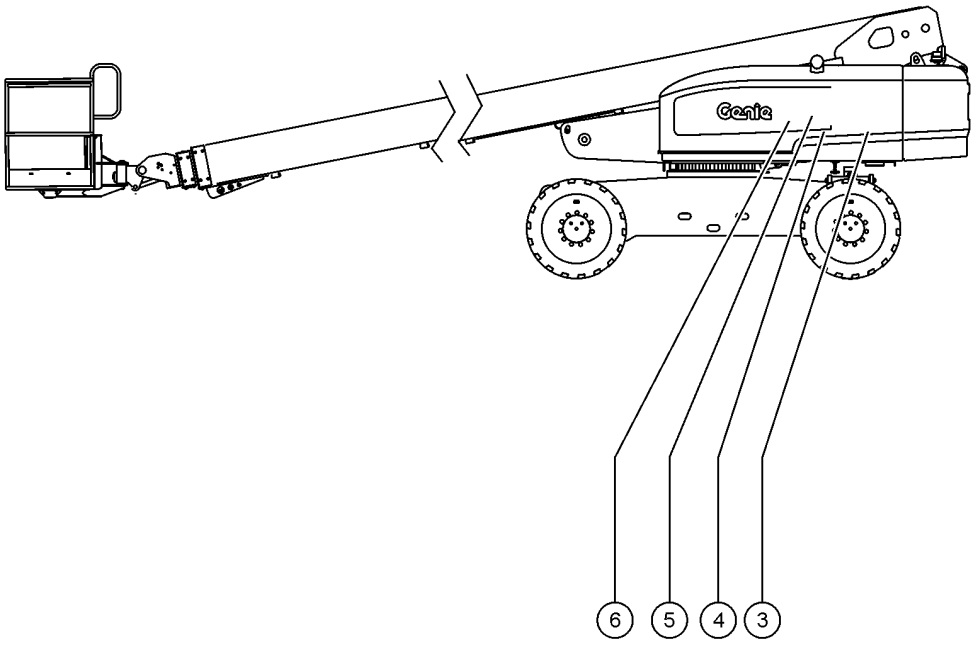
001.1 Parts Stocking List





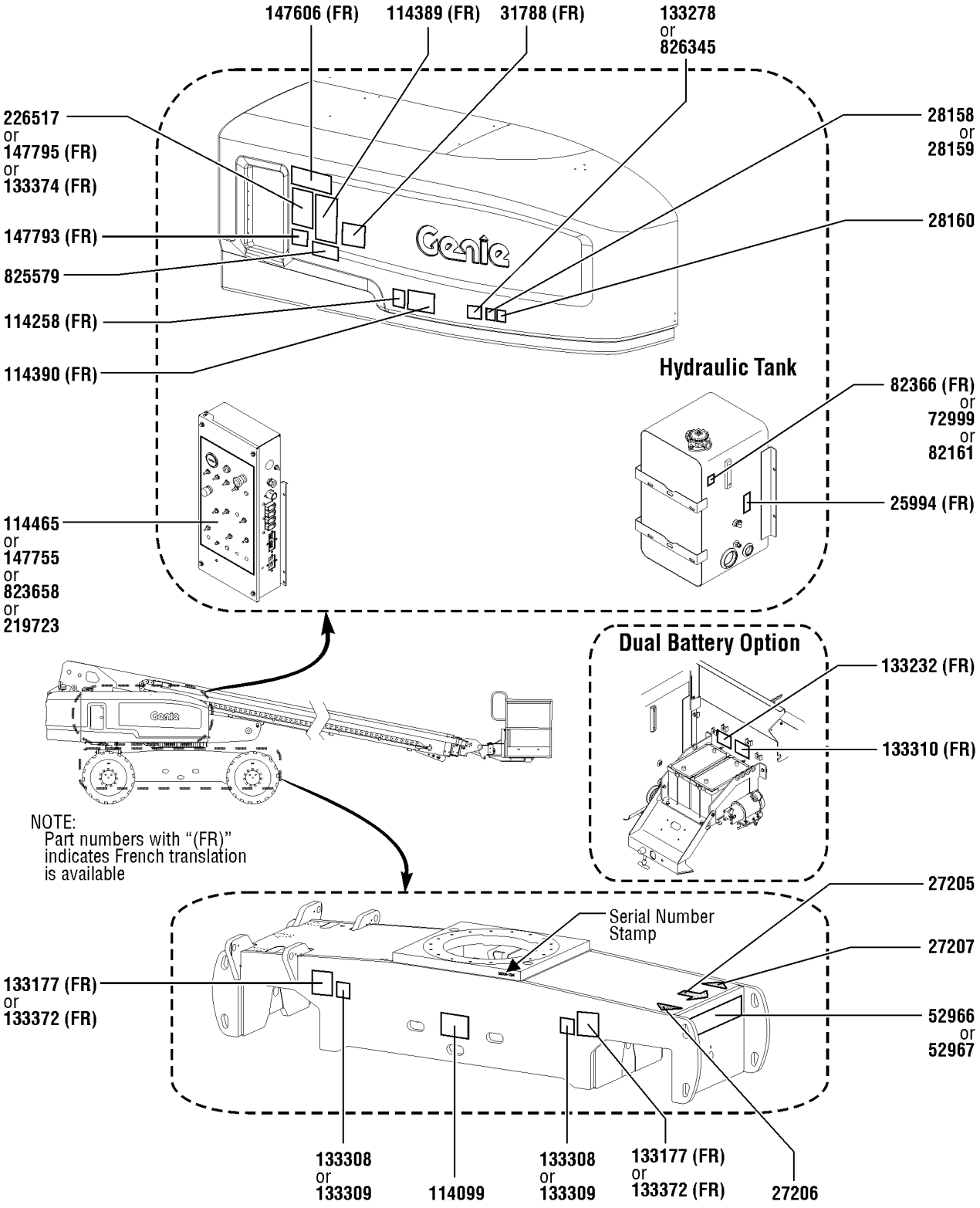
Item	Part No.	Description	Qty.
A		—INSPECTION SERVICE KITS—	
A-	1278714GT	KIT,ENGINE SERVICE,250 HOUR,DEUTZ TD2.9,S80/Z80	
A-			
B		—GENERAL SERVICE PARTS—	
B-	1484GT	PAINT, AEROSOL, BRIGHT BLUE*** 12-ounce spray paint	
B-	1268GT	PAINT, AEROSOL, GENIE GRAY*** 12-ounce spray paint	
B-	1258567GT	PAINT, AEROSOL, TRAFFIC BLACK 12-ounce spray paint	
B-	32150GT	PAINT, WET, GENIE BLUE (1 GL)** 1-gallon	
B-	32151GT	PAINT, WET, GENIE GRAY (1GL)** 1-gallon	
B-	1257733GT	PAINT, WET, TRAFFIC BLACK(1 GL)** 1-gallon	
B-	66399GT	GREASE, DIELECTRIC 4 OZ**	
B-	60536GT	FUSE,20 AMP,MAXI (refer to figure 311.1)	
B-	94327GT	FUSE,30 AMP (refer to figure 311.1)	
B-	1283776GT	SEAL MARKER,CROSS CHECK,BLUE,TUBE	
B-	93500GT	PARKER DIGITAL PRESSURE GAUGE	
B-	49612GT	O-RING KIT (ORFS FITTINGS) O-ring kit, Parker	
B-	28750GT	O-RING KIT,FIELD SVC,ALL PROD* O-ring kit, SAE	
B-	33994GT	PLUG AND CAP KIT-SERVICE,37?** Plug and cap kit, SAE	
B-	60334GT	FILTER ASSY,HIGH PRESS SAE-12*	
B-			
1		—MANUALS—	
1-	27581GT	MANUAL, SAFTY MANNAL	
1-	1298933GT	MANUAL, SAIA MANUAL OF RESPONSIBILITIES, MEWP	
2		—HYD FILTERS—	
2-	60857GT	FILTER,ELEMENT,BETA(5)=1000 All Models	
3		—Deutz TD2011L04i Models—	


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Item	Part No.	Description	Qty.
3-	62425GT	FILTER,AIR CLEANER, SUPERBOOM (refer to 408.1)	
3-	29560GT	FILTER,FUEL/WTR SEP, DTZ 1008 (refer to 404.1)	
3-	49924GT	FILTER,OIL,DEUTZ F4L1011F (refer to 404.1)	
3-	102589GT	V-BELT, DEUTZ F4L2011 (refer to 409.1)	
4		—Deutz TD 2.9L4 Models—	
4-	62425GT	FILTER,AIR CLEANER, SUPERBOOM (refer to 406.1)	
4-	214228GT	FILTER, DEUTZ 2.9, FUEL (refer to 408.1)	
4-	236260GT	PRE-FILTER,FUEL,DEUTZ TCD3.6 (refer to 408.1)	
4-	49924GT	FILTER,OIL,DEUTZ F4L1011F (refer to 405.1)	
4-	1262866GT	FAN BELT, ALTERNATOR (refer to 407.1)	
5		—GM 3.0L Models—	
5-	62420GT	FILTER,AIR*** (refer to 409.1)	
5-	65626GT	FILTER-FUEL, GM 3.0L ENGINE (refer to 412.1)	
5-	1272019GT	FILTER, FUEL	1
5-	65623GT	FILTER-OIL,GM 3.0L ENGINE (refer to 412.1)	
5-	65621GT	BELT-FAN, GM 3.0L ENGINE (refer to 412.1)	
5-	58412GT	SPARK PLUG WIRE SET,GM 3.0 (refer to 412.1)	
6		—Perkins 404D-22T Models—	
6-	62420GT	FILTER,AIR*** (refer to 414.1)	
6-	75020GT	SEPRTR/FLTR,FUEL DSL,15GPH,.30 (refer to 413.1)	
6-	89765GT	BELT, V (PERKINS 404) (refer to 415.1)	
6-	1262047GT	OIL FILTER,PERKINS 404D/F-22T (refer to 415.1)	
6-	1262484GT	FUEL FILTER ASSY,PERKINS 404D/ (refer to 415.1)	

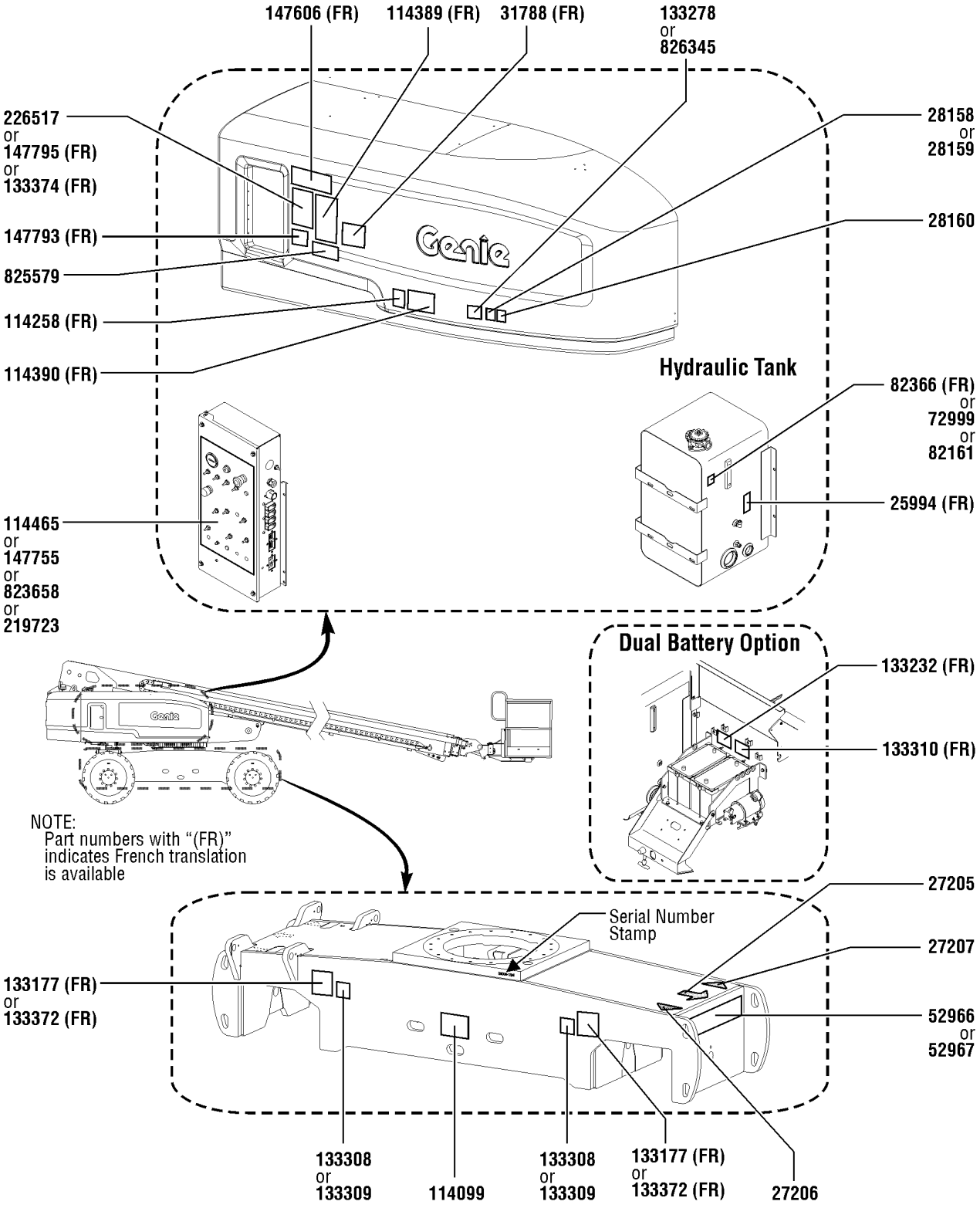
101.1 Decals with Words, Hydraulic Tank Side



101.1 Decals with Words, Hydraulic Tank Side

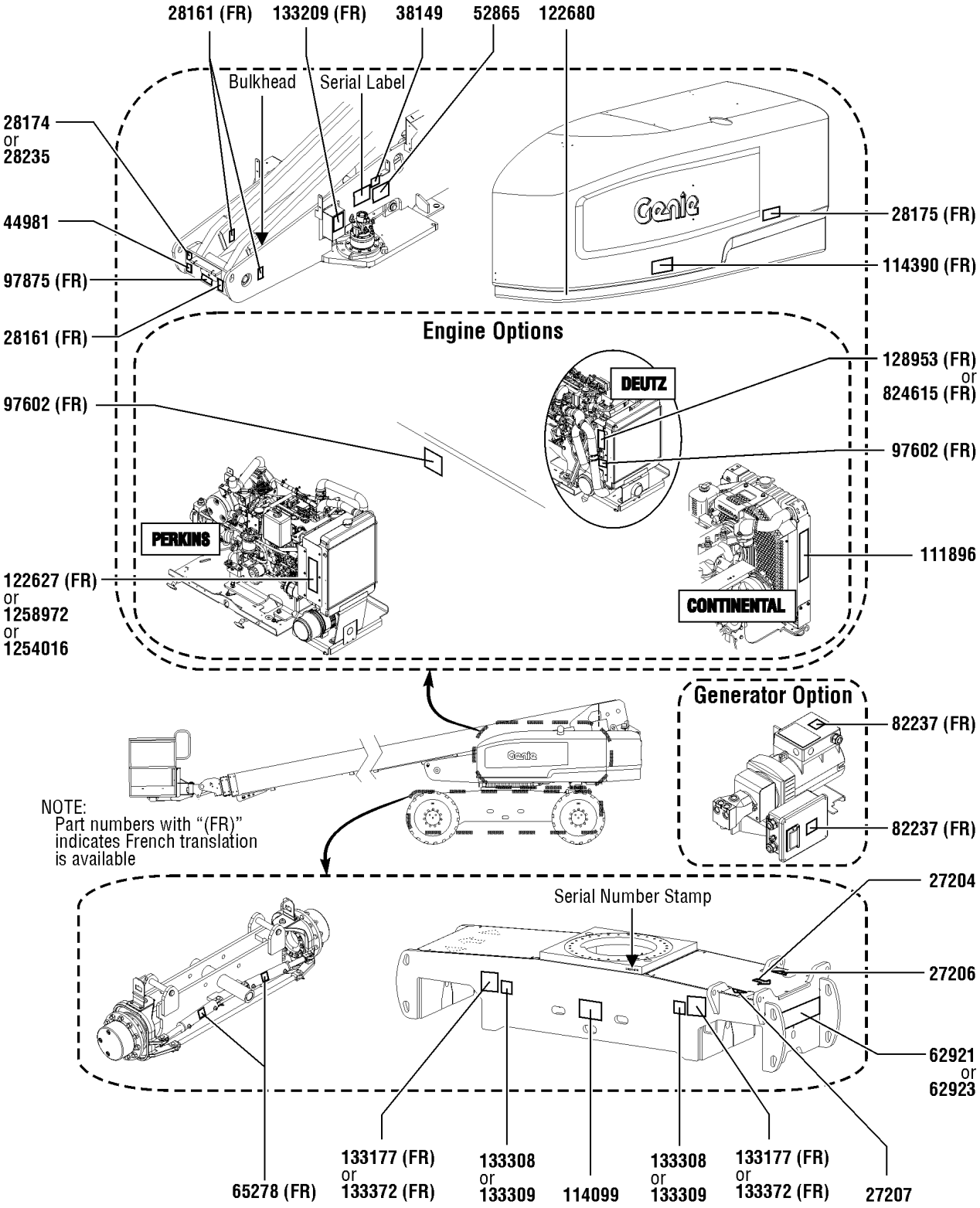
Item	Part No.	Description	Qty.
B	823296GT	DECAL KIT,S80 COMP,WORD,AUS	
C	823297GT	DECAL KIT,S80,PLAT,WORD,ANSI/AUS	
D	823298GT	DECAL KIT,S80X COMP,WORD,ANSI	
E	823297GT	DECAL KIT,S80,PLAT,WORD,ANSI/AUS	
F	823300GT	DECAL KIT,S85 COMP,WORD,ANSI	
H	823302GT	DECAL KIT,S85 COMP,WORD,AUS	
1	25994GT	DECAL,NOTICE,SHUTOFF VALVES	1
2	27205GT	DECAL,ARROW YELLOW LRG 9"	1
3	27206GT	DECAL,TRIANGLE,BLUE	1
4	27207GT	DECAL,TRIANGLE,YELLOW	1
5	28158GT	DECAL,LABEL,UNLEADED GAS ONLY Option, Fuel	1
6	28159GT	DECAL,DIESEL Option, Fuel	1
7	28160GT	DECAL,LABEL,LIQUID PROPANE Option, LPG	1
8	31788GT	DECAL,DANGER,BATTERY SAFETY***	1
9	52966GT	DECAL,COSMETIC,4 X 2 Option, Drive	1
10	52967GT	DECAL,COSMETIC,4 X 4 Option, Drive	1
11	72999GT	DECAL,LABEL,PETRO CANADA*** Option, Hydraulic Oil	1
12	82161GT	DECAL,LABEL,UCON HYDROLUBE Option, Hydraulic Oil	1
13	82366GT	DECAL,CHEVRON RANDO HD Option, Hydraulic Oil	1
14	114099GT	DECAL,LABEL,TRANSPORT DIAGRAM	1
15	114258GT	DECAL,DANGER,NO SMOKING	1
16	114389GT	DECAL,DANGER,GENERAL SAFETY	1
17	114390GT	DECAL,DANGER,ELECT HAZARD***	1
18	114465GT	DECAL GROUND CONTROL BOX (S-80 and S-85 models)	1
19	133177GT	DECAL,DANGER/LABEL,TIRE SPECS Foam filled tires	2
20	133232GT	DECAL,LABEL,AUX BATTERY Option, Dual Battery	1
21	133278GT	DECAL,LOW/ULTRA LOW SULFR FUEL Perkins 804D-33, Perkins 404D-22T, Deutz TD2011L01i	1
22	133308GT	DECAL,LABEL,WHEEL LOAD S80 (S-80 and S-80X models)	2

101.1 Decals with Words, Hydraulic Tank Side



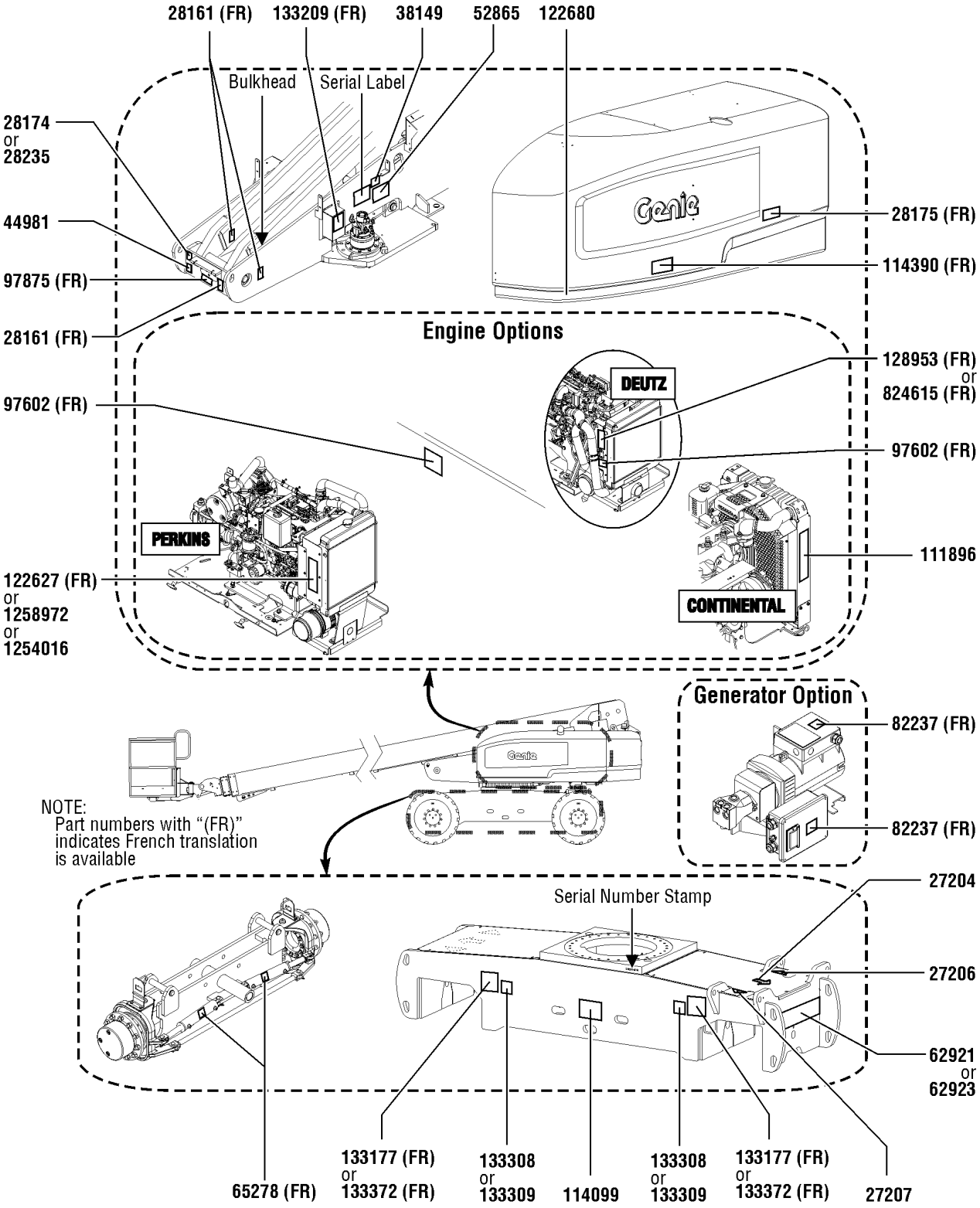
Item	Part No.	Description	Qty.
23	133309GT	DECAL,LABEL,WHEEL LOAD S85 (S-85 models only)	2
24	133310GT	DECAL,LABEL,ENG STRT& CONTROLS Option, Dual Battery	1
25	133372GT	DECAL,DANGER/LABEL,TIRE SPECHF Option, hi-floatation tires	2
26	133374GT	DECAL,INST,OPER INST.S80 (S-85 models only)	1
27	147606GT	DECAL,INST PLAT CAP S80X (S-80X models Only)	1
28	147755GT	DECAL,GR CNTL PNL 60X 80X (S-80X models only)	1
29	147793GT	DECAL,DANGER,TIPOVR,MAX CAP (S-80X models only)	1
30	147795GT	DECAL, OPER INST 6080X GRD (S-80X models only)	1
31	219723GT	DECAL,GROUND BOX,TIER IV (S-85 models only)	1
32	226517GT	DECAL,INST,OPER INST,S80,AUS AUS, S-80 models only	1
33	823658GT	LABEL, GBOX, S60X TIER 4 (S-80X models only)	1
34	825579GT	DECAL, LCD, TIER 4	1
35	826345GT	DECAL,ULS DIESEL ONLY,TIER 4 (USA models only), Perkins 404F-22T, Deutz TD2.9L4	1

102.1 Decals with Words, Engine Side



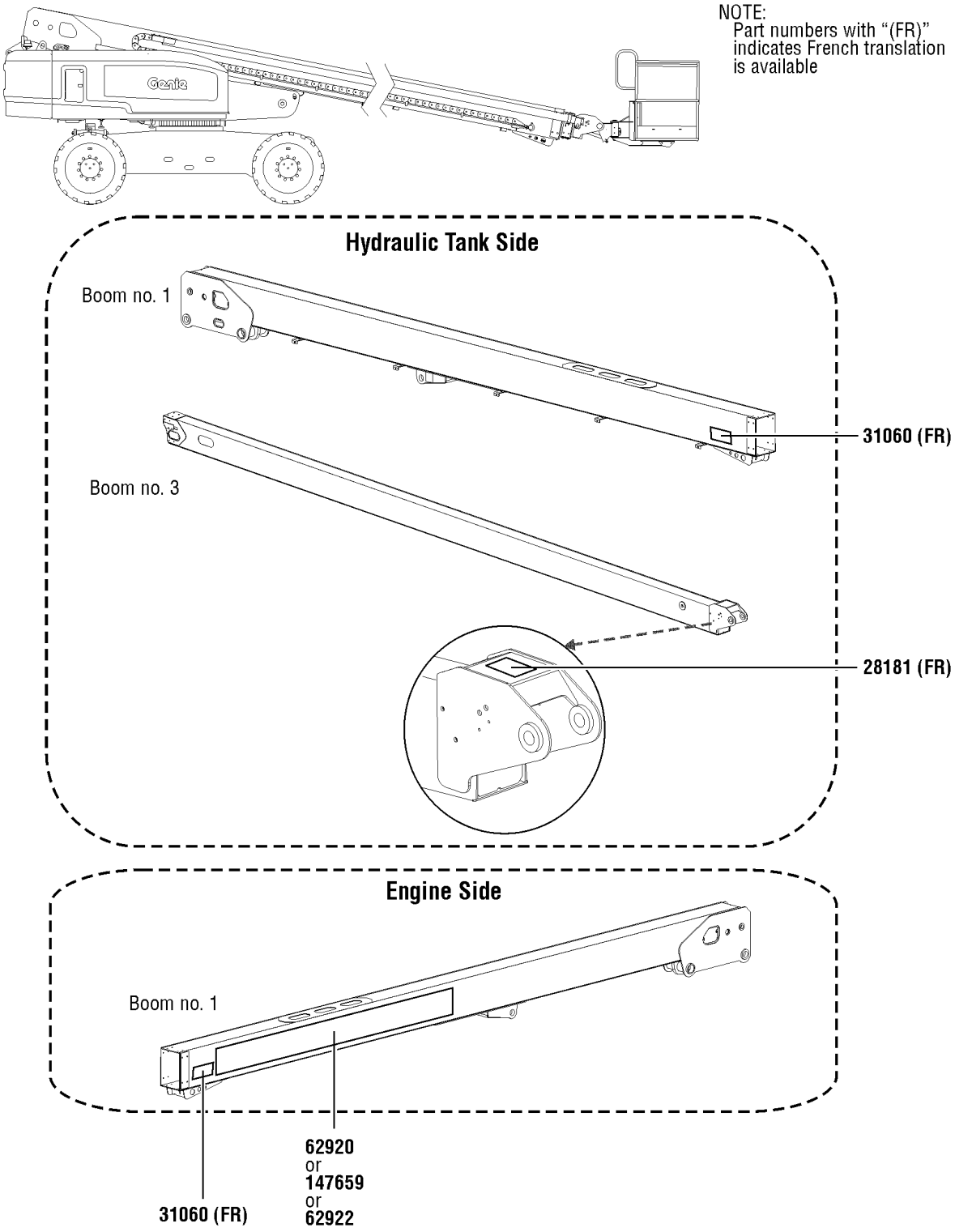
Item	Part No.	Description	Qty.
1	27204GT	DECAL,ARROW BLUE	1
2	27206GT	DECAL,TRIANGLE,BLUE	1
3	27207GT	DECAL,TRIANGLE,YELLOW	1
4	28161GT	DECAL,WARN,CRUSH HAZARD HAND	3
5	28174GT	DECAL,POWER TO PLATFORM 230V	1
6	28175GT	DECAL,WARNING-COMPART ACCESS	1
7	28235GT	DECAL,POWER TO PLATFORM 115V	1
8	38149GT	DECAL,LABEL,PATENTS (US Only)	1
9	44981GT	DECAL,LABEL,AIRLINE 110 PSI Option, airline to plat	1
10	52865GT	DECAL,ANNUAL INSP*** (US Only)	1
11	62921GT	DECAL,COSMETIC,S80 (S-80 models only)	1
12	62923GT	DECAL,COSMETIC,S85 (S-85 models only)	1
13	65278GT	DECAL,CAUTION,NO STEP	2
14	82237GT	DECAL,DANGER,HIGH VOLTAGE Option, Welder Generator	2
15	97602GT	DECAL,EXPLOSION HAZARD Diesel engine only	2
16	97875GT	DECAL,WARN.WELD LINE INST.WORD Option, weld cable line	1
17	111896GT	DECAL,ENG.SPECS,CONTINENTAL TME27	1
18	114099GT	DECAL,LABEL,TRANSPORT DIAGRAM	1
19	114390GT	DECAL,DANGER,ELECT HAZARD***	1
20	122627GT	DECAL,T3 ENGINE SPEC.PERKINS Perkins 804D-33	1
21	122680GT	DECAL RT GRAY STRIP(TANK SIDE)	1
22	128953GT	DECAL,ENGINE SPEC,DEUTZ,TD2011 Deutz TD2011L04i	1
23	133177GT	DECAL,DANGER/LABEL,TIRE SPECS Foam filled tires	2
24	133209GT	DECAL, RELAY BLOCK, S80/85	1
25	133308GT	DECAL,LABEL,WHEEL LOAD S80 (S-80 and S-80X models)	2
26	133309GT	DECAL,LABEL,WHEEL LOAD S85 (S-85 models only)	2
27	133372GT	DECAL,DANGER/LABEL,TIRE SPECHF Option, hi-floatation tires	2
28	824615GT	DECAL,ENGINE SPEC,DEUTZ TD2.9 Deutz TD2.9 L4	1

102.1 Decals with Words, Engine Side



Item	*Part No.*	*Description*	*Qty.*
29	1254016GT	DECAL,ENGINE SPEC,PERKINS 404F ..... Perkins 404F-22T	1
30	1258972GT	DECAL,ENGINE SPEC,PERKINS 404D-22T ..... Perkins 404D-22T	1

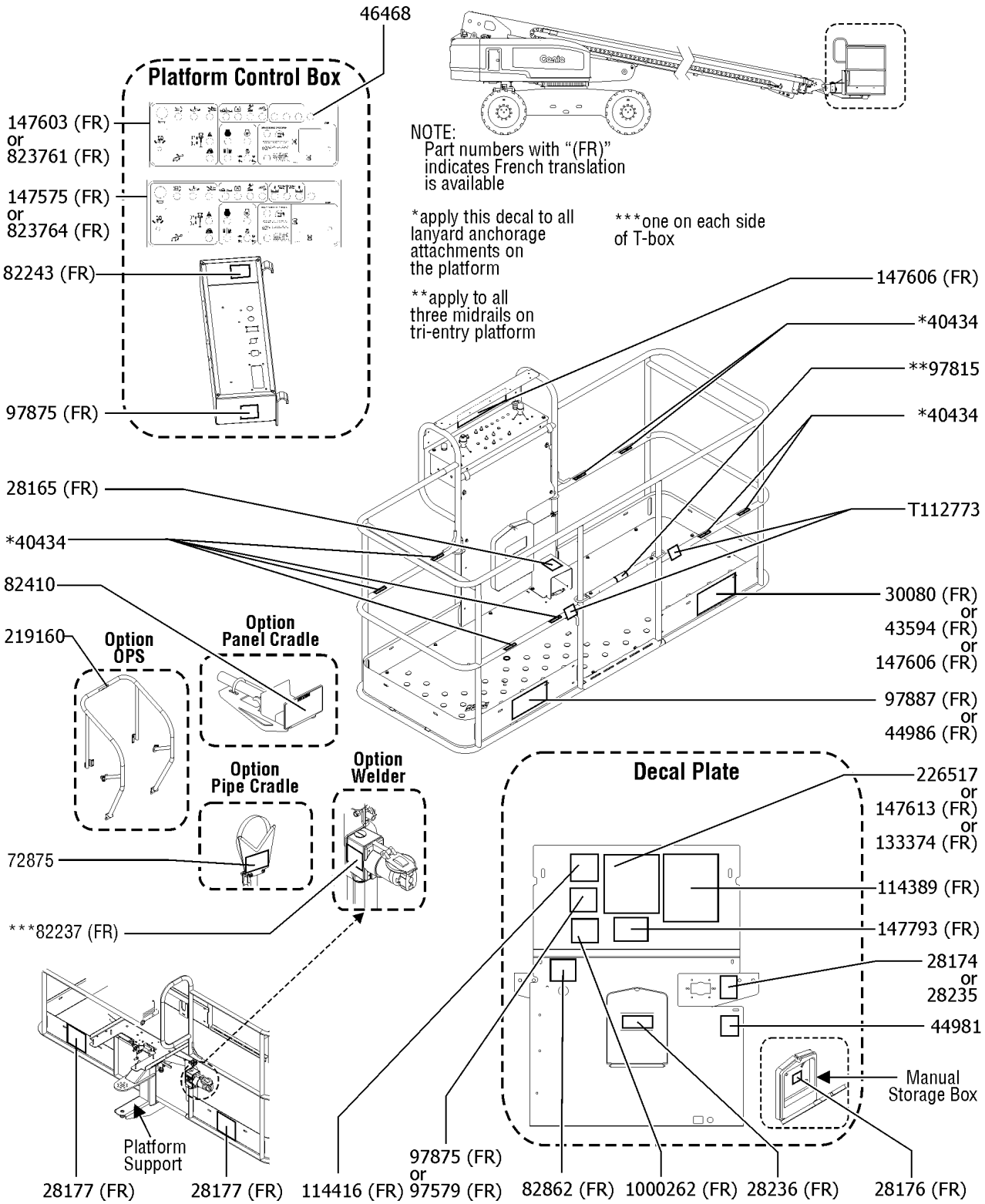
103.1 Decals with Words, Boom



103.1 Decals with Words, Boom

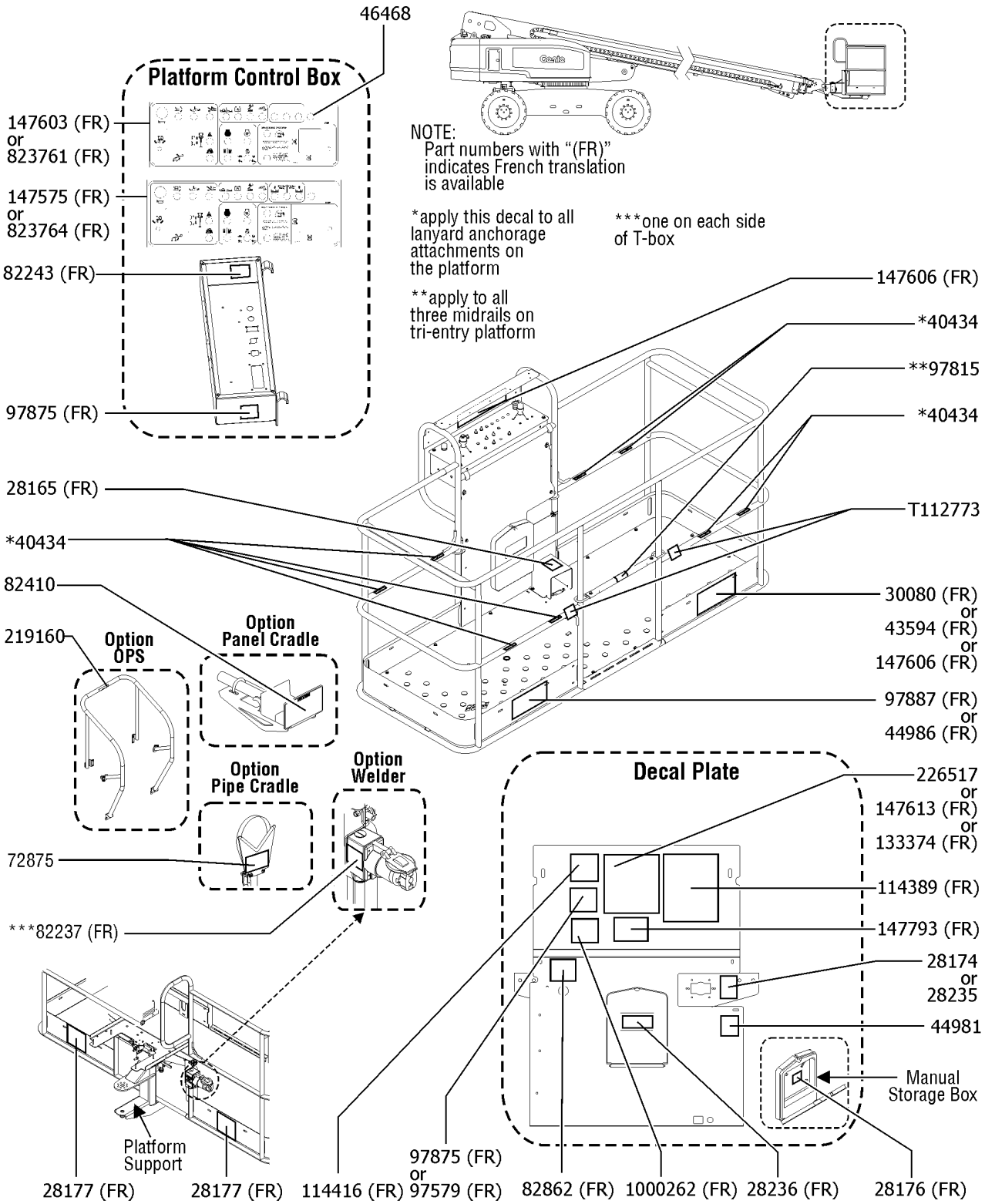
Item	*Part No.*	*Description*	*Qty.*
1	28181GT	DECAL,WARN,FALL HAZARD	1
2	31060GT	DECAL,DANGER DO NOT ALTER SWTC (S-80X models only)	2
3	62920GT	DECAL,COSMETIC,GENIE S-80 (S-80 models only)	1
4	62922GT	DECAL,COSMETIC,GENIE S-85 (S-85 models only)	1
5	147659GT	DECAL,COSM GENIE S80X (S-80X models only)	1

104.1 Decals with Words, Platform



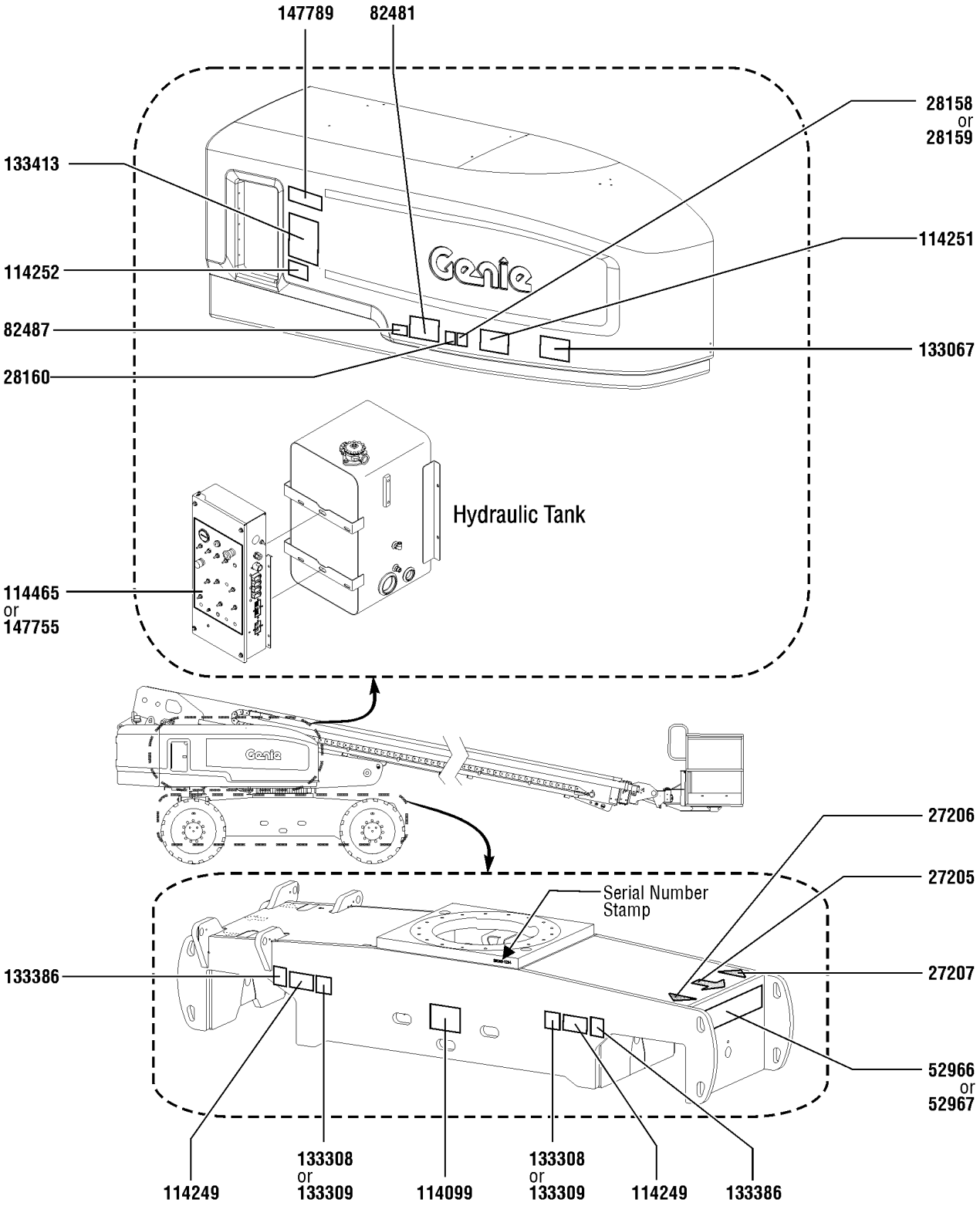
Item	Part No.	Description	Qty.
1	28165GT	DECAL,INSTRUCT,FOOTSWITCH OPER	1
2	28174GT	DECAL,POWER TO PLATFORM 230V	1
3	28176GT	DECAL,LABEL,MANUAL NOT HERE	1
4	28177GT	DECAL,WARN,CRUSH HAZARD PLAT	2
5	28235GT	DECAL,POWER TO PLATFORM 115V	1
6	28236GT	DECAL,WARN,IMPROPER OPERATION	1
7	37052GT	DECAL,NOTICE,MAX LOAD 500 LBS AUS, S-80 and S-85 models	1
8	40434GT	DECAL,LANYARD ANCHORAGE POINT	8
9	43594GT	DECAL,NOTICE,MAX LOAD 750 LBS AUS, S-80 models only	1
10	44981GT	DECAL,LABEL,AIRLINE 110 PSI Option, airline to plat	1
11	44986GT	DECAL,INSTR,SIDE FRC/WIND,AUS AUS only	1
12	46468GT	DECAL,FUNCTION OVERRIDE Option, aircraft protection	1
13	72875GT	DECAL,WARNING,PIPE CRADLE,BOOM Option, pipe cradle	2
14	82237GT	DECAL,DANGER,HIGH VOLTAGE Option, welder	2
15	82243GT	DECAL FAULT CODE	1
16	82410GT	DECAL,WARNING,PANEL CRADLE Option, panel cradle	2
17	82862GT	DECAL,FIRE EXTINGUISHER Option, welder	1
18	97579GT	DECAL,DANGER,TIP-OVER,WELDER** Option, welder	1
19	97815GT	DECAL,LABEL,LOWER MIDRAIL	1
20	97875GT	DECAL,WARN.WELD LINE INST.WORD Option, weld cable line	2
21	97887GT	DECAL,INSTR,MAX SIDE FRC,ANSI ANSI only	1
22	114389GT	DECAL,DANGER,GENERAL SAFETY	1
23	114416GT	DECAL,DANGER,TIPOVER,TILT	1
24	133374GT	DECAL,INST,OPER INST.S80 (S-85 models only)	1
25	147575GT	DECAL, PLAT CNTL PNL 60X 80X (S-80X models only)	1
26	147603GT	DECAL, PLAT CNTL PNL S-80 AUS and S-85 models	1
27	147606GT	DECAL,INST PLAT CAP S80X (S-80X models only)	2
28	147613GT	DECAL, INST OPER INST S80X PLT (S-80X models only)	1

104.1 Decals with Words, Platform



Item	*Part No.*	*Description*	*Qty.*
29	147793GT	DECAL,DANGER,TIPOVR,MAX CAP (S-80X models Only)	1
30	219160GT	DECAL, INSTRUCTION, OPS option	1
31	226517GT	DECAL,INST,OPER INST,S80,AUS AUS, S-80 models only	1
32	823761GT	LABEL, PBOX, S65 TIER 4 ANSI, S-85 models only	1
33	823764GT	LABEL, PBOX, S60X TIER 4 (S-80X models only)	1
34	1000262GT	DECAL,DANGER,TIP OVER,PLAT	1
35	T112773GT	TAPE, PROTECTIVE MASK	2

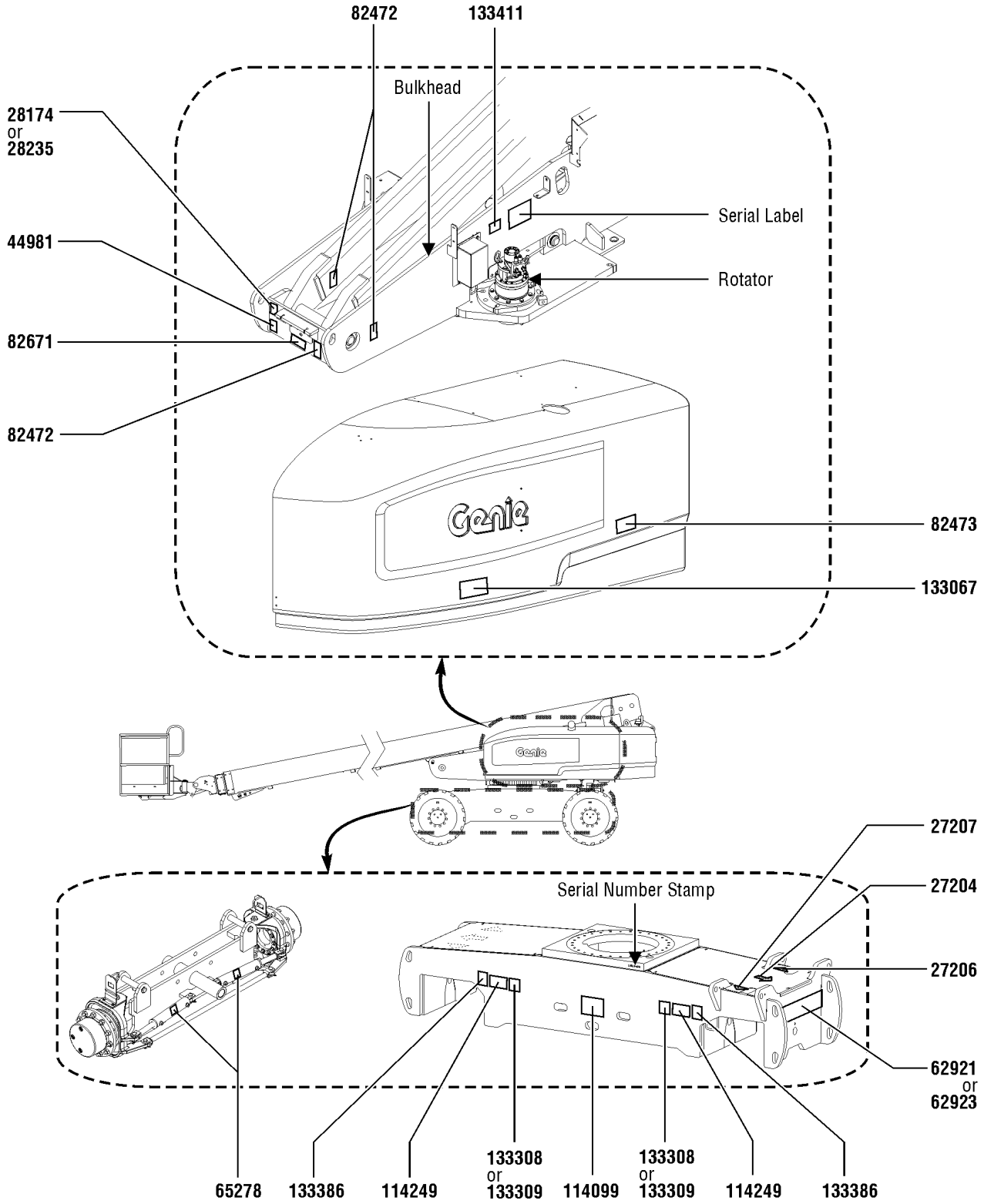
105.1 Decals with Symbols, Hydraulic Tank Side



105.1 Decals with Symbols, Hydraulic Tank Side

Item	Part No.	Description	Qty.
A	823435GT	DECAL KIT,S80 PLAT,SYM,CE/ANSI	
B	823436GT	DECAL KIT,S80 COMP,SYM,CE	
D	823438GT	DECAL KIT,S80X COMP,SYM,ANSI	
F	823440GT	DECAL KIT,S85 COMP,SYM,ANSI	
H	823442GT	DECAL KIT,S85 COMP,SYM,CE	
1	27205GT	DECAL,ARROW YELLOW LRG 9"	1
2	27206GT	DECAL,TRIANGLE,BLUE	1
3	27207GT	DECAL,TRIANGLE,YELLOW	1
4	28158GT	DECAL,LABEL,UNLEADED GAS ONLY	1
5	28159GT	DECAL,DIESEL	1
6	28160GT	DECAL,LABEL,LIQUID PROPANE	1
7	52966GT	DECAL,COSMETIC,4 X 2	1
8	52967GT	DECAL,COSMETIC,4 X 4	1
9	82481GT	DECAL,SYMBOL-BATTERY SAFETY	1
10	82487GT	DECAL,SYMBOL-READ THE MANUAL	1
11	114099GT	DECAL,LABEL,TRANSPORT DIAGRAM	1
12	114249GT	DECAL,LABEL,TIPOVER,TIRES,SYMB	2
13	114251GT	DECAL,LABEL,NO SMOKING,SYMB	1
14	114252GT	DECAL,LABEL,TIP OVER LMT SWTCH	1
15	114465GT	DECAL GROUND CONTROL BOX	1
16	133067GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	1
17	133308GT	DECAL,LABEL,WHEEL LOAD S80	2
18	133309GT	DECAL,LABEL,WHEEL LOAD S85	2
19	133386GT	LABEL,TIRE PRESSURE,HF	2
20	133413GT	DECAL,EMERGENCY LOWERING	1
21	147755GT	DECAL,GR CNTL PNL 60X 80X	1
22	147789GT	DECAL, INST PLAT CAP 80X SYM	1

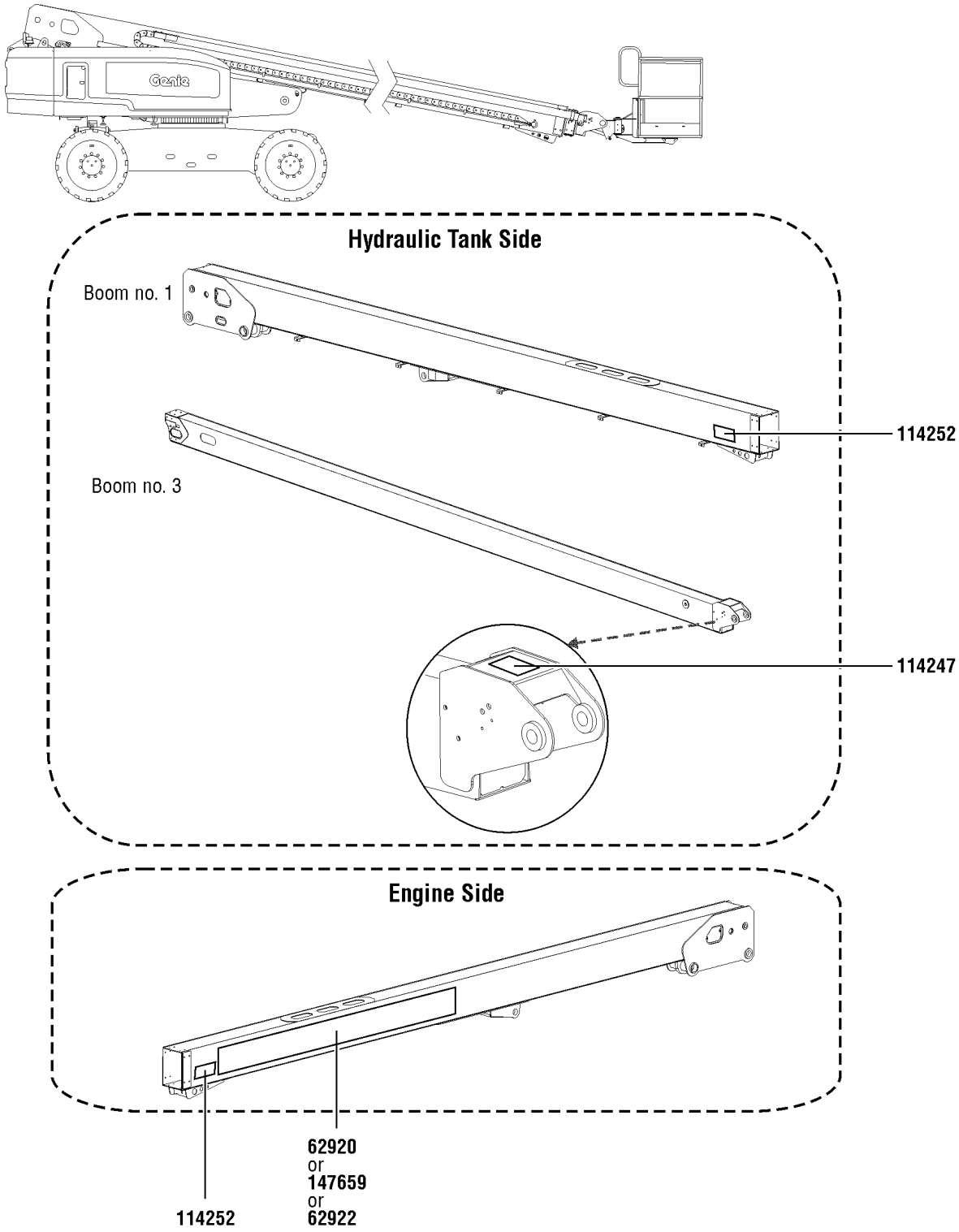
106.1 Decals with Symbols, Engine Side



106.1 Decals with Symbols, Engine Side

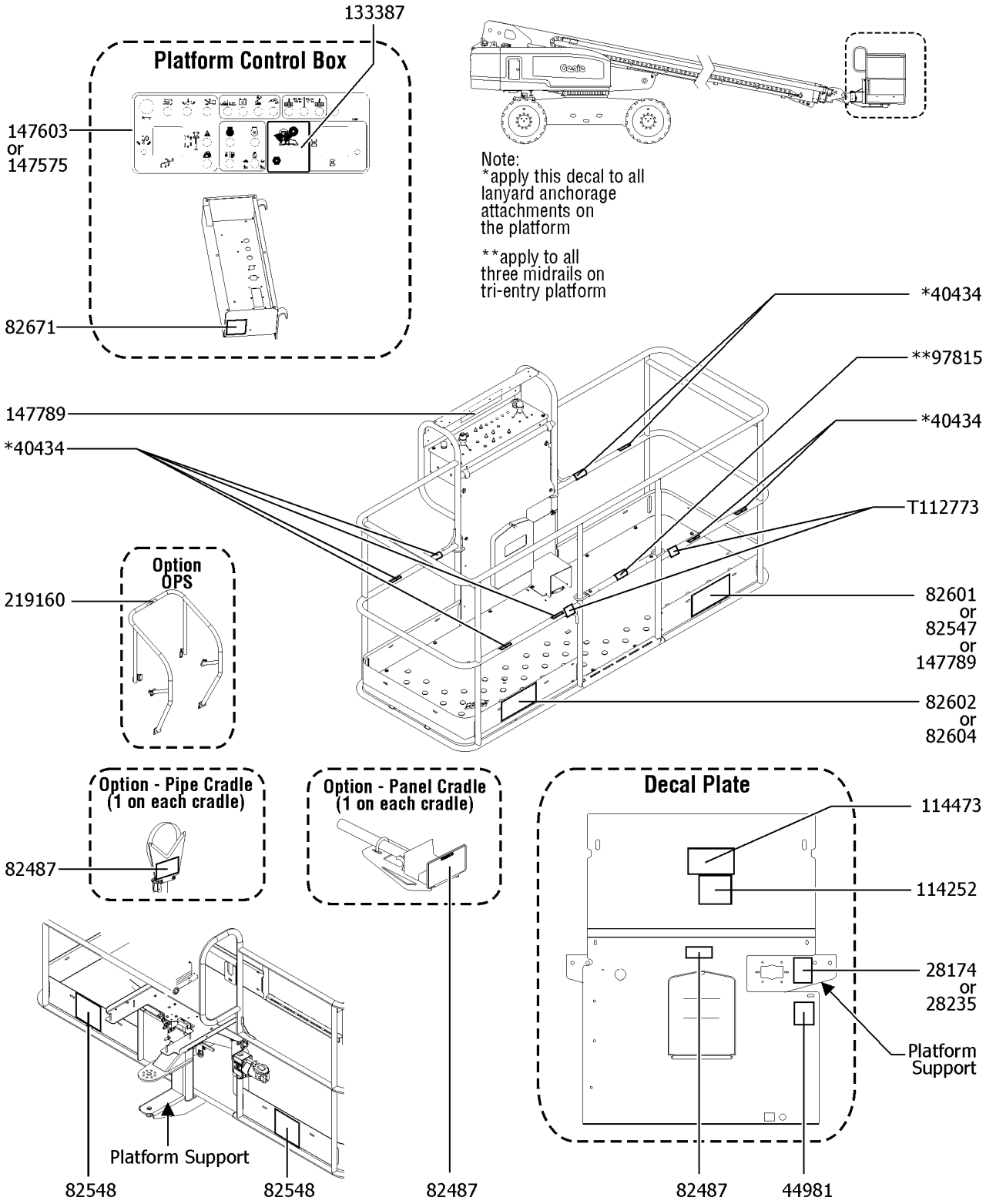
Item	Part No.	Description	Qty.
1	27204GT	DECAL,ARROW BLUE	1
2	27206GT	DECAL,TRIANGLE,BLUE	1
3	27207GT	DECAL,TRIANGLE,YELLOW	1
4	28174GT	DECAL,POWER TO PLATFORM 230V	1
5	28235GT	DECAL,POWER TO PLATFORM 115V	1
6	44981GT	DECAL,LABEL,AIRLINE 110 PSI Option, airline to plat	1
7	62921GT	DECAL,COSMETIC,S80 (S-80 and S-80X models)	1
8	62923GT	DECAL,COSMETIC,S85 (S-85 models only)	1
9	65278GT	DECAL,CAUTION,NO STEP	2
10	82472GT	DECAL,WARNING,CRUSHING HAZARD	3
11	82473GT	DECAL,SYMBOL-COMP ACCESS	1
12	82671GT	DECAL,LABEL,WELD LINE INST,SYM Option, weld cable line	1
13	114099GT	DECAL,LABEL,TRANSPORT DIAGRAM	1
14	114249GT	DECAL,LABEL,TIPOVER,TIRES,SYMB	2
15	133067GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	1
16	133308GT	DECAL,LABEL,WHEEL LOAD S80 (S-80 and S-80X models)	2
17	133309GT	DECAL,LABEL,WHEEL LOAD S85 (S-85 models only)	2
18	133386GT	LABEL,TIRE PRESSURE,HF Option, hi-floatation tires	2
19	133411GT	DECAL,LABEL,106 DB*** (CE only)	1

107.1 Decals with Symbols, Booms



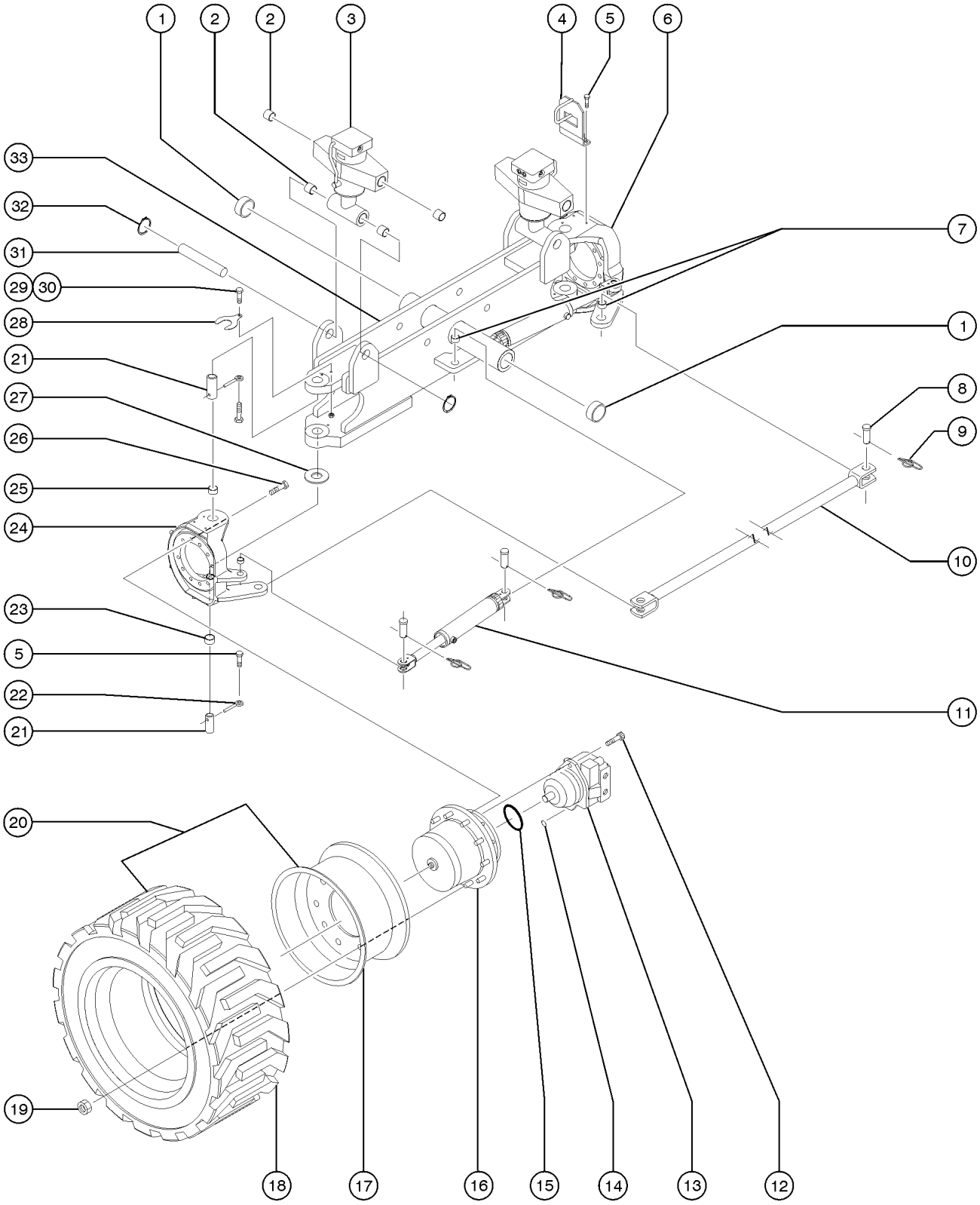
Item	*Part No.*	*Description*	*Qty.*
1	62920GT	DECAL,COSMETIC,GENIE S-80 (S-80 models only)	1
2	62922GT	DECAL,COSMETIC,GENIE S-85 (S-85 models only)	1
3	114247GT	DECAL,LABEL,FALL HAZARD***	1
4	114252GT	DECAL,LABEL,TIP OVER LMT SWTCH (S-80X models only)	2
5	147659GT	DECAL,COSM GENIE S80X (S-80X models only)	1

108.1 Decals with Symbols, Platform



Item	Part No.	Description	Qty.
1	28174GT	DECAL,POWER TO PLATFORM 230V	1
2	28235GT	DECAL,POWER TO PLATFORM 115V	1
3	40434GT	DECAL,LANYARD ANCHORAGE POINT	8
4	44981GT	DECAL,LABEL,AIRLINE 110 PSI Option, airline to plat	1
5	82487GT	DECAL,SYMBOL-READ THE MANUAL	1
6	82547GT	DECAL,DANGER,MAX LOAD 340 KG CE, S-80 models only	1
7	82548GT	DECAL,WARN,CRUSH HAZARD PLAT	2
8	82601GT	DECAL,LABEL,MAX CAPACITY*** CE, S-80 and S-85 models	1
9	82602GT	DECAL,DANGER,MAX SIDE FRC,667N (ANSI)	1
10	82604GT	DECAL,DANGER,SIDE FRC 400N (CE)	1
11	82671GT	DECAL,LABEL,WELD LINE INST,SYM Option, weld cable line	1
12	97815GT	DECAL,LABEL,LOWER MIDRAIL	1
13	114252GT	DECAL,LABEL,TIP OVER LMT SWTCH (S-80X models only)	1
14	114473GT	DECAL,DANGER,TIPOVER,TILT,SYM	1
15	133387GT	DECAL,DRIVE ENABLE PATCH	1
16	147575GT	DECAL, PLAT CNTL PNL 60X 80X ANSI, S-80X models only	1
17	147603GT	DECAL, PLAT CNTL PNL CE, S-80 and S-85 models	1
18	147789GT	DECAL, INST PLAT CAP 80X SYM ANSI, S-80X models only	2
19	219160GT	DECAL, INSTRUCTION, OPS option	1
20	T112773GT	TAPE, PROTECTIVE MASK	2

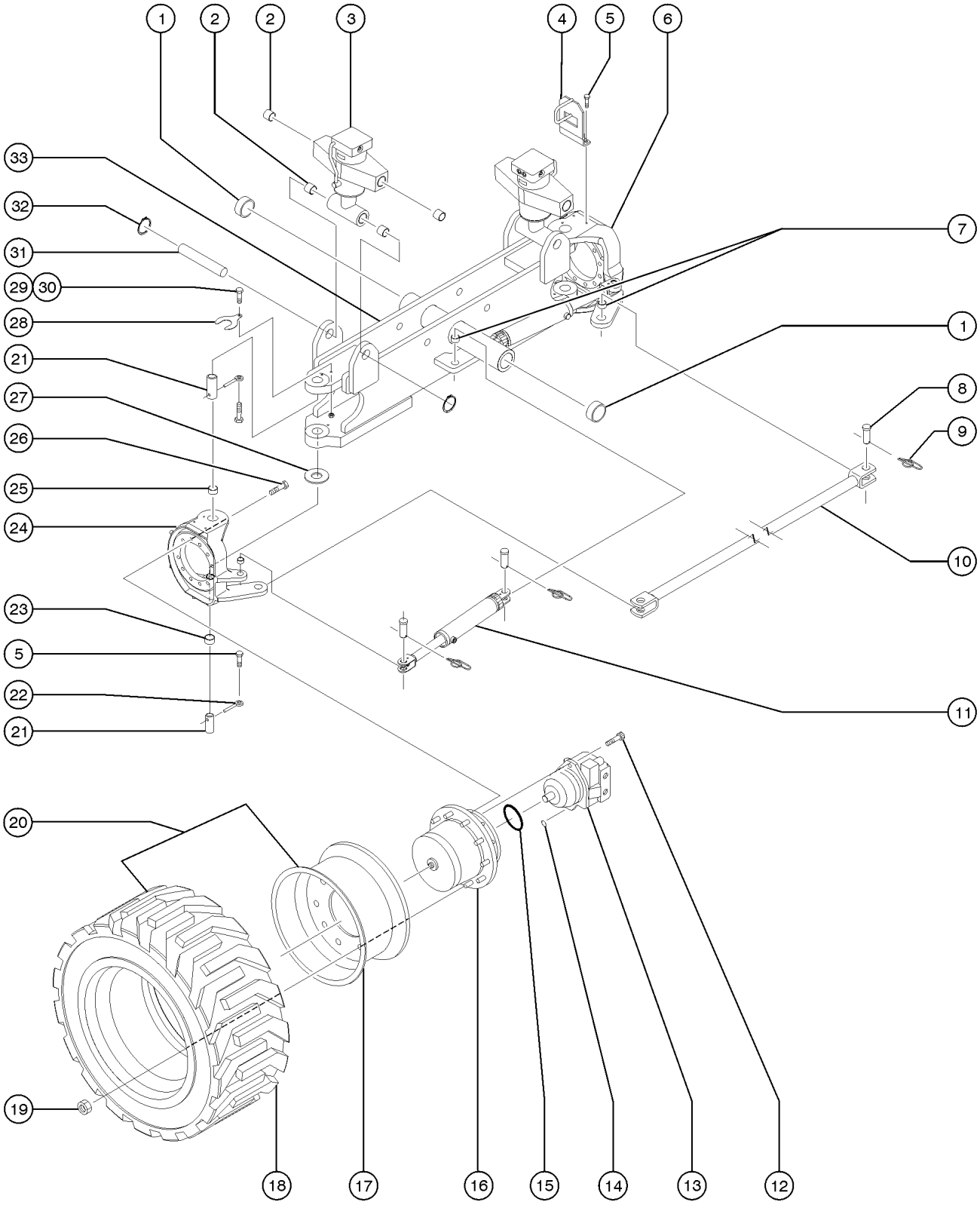
201.1 Steer End



201.1 Steer End

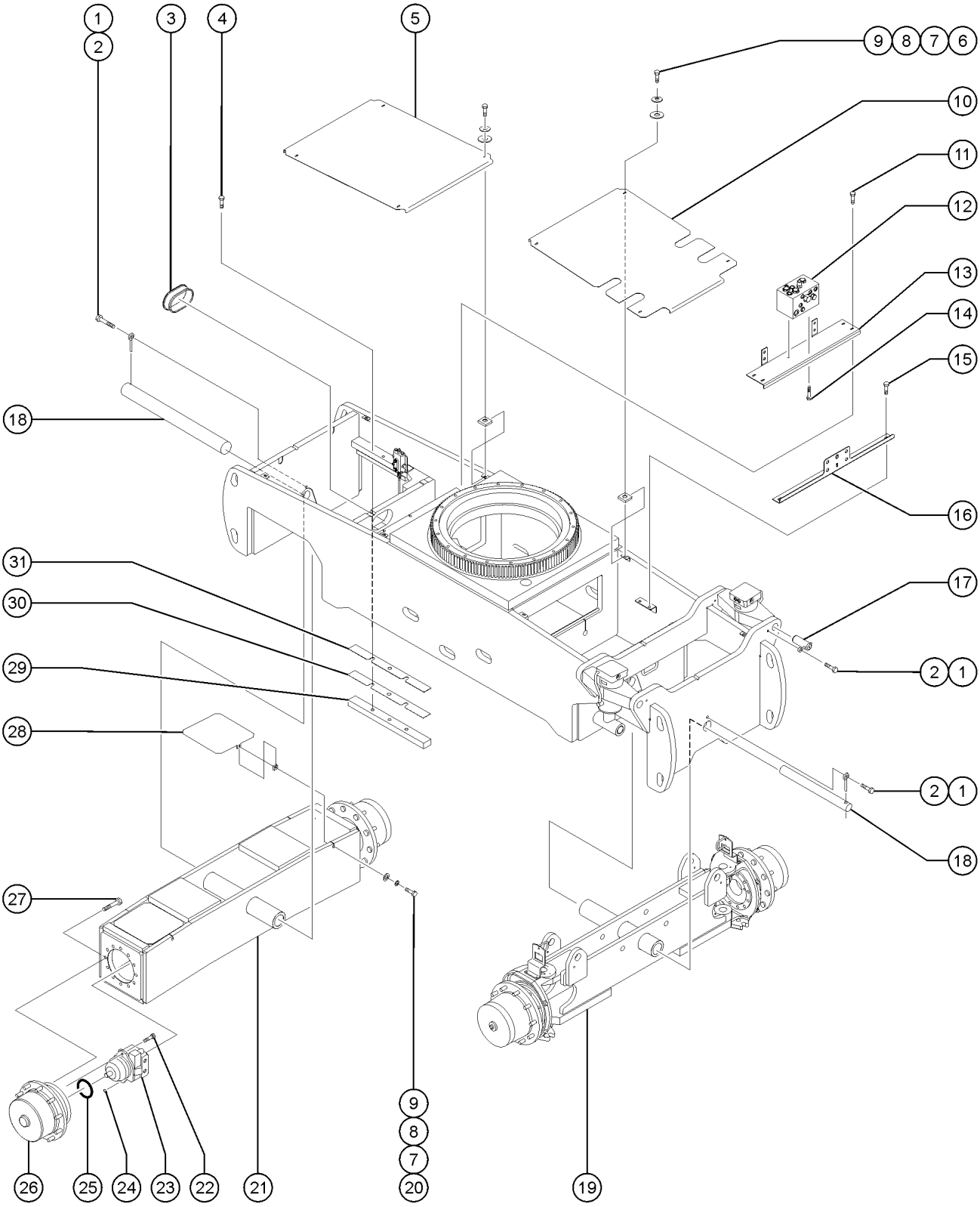
Item	Part No.	Description	Qty.
1	27698GT	BEARING,2.50IDX2.75ODX2.00L	2
2	119620GT	BEARING,1.75IDX2.00ODX1.50L	8
3	81330GT	CYLINDER,OSCILLATE***	2
3-	77519GT	SEAL KIT,OSC CYLINDER (81330)*	
3-	33428GT	VALVE,COUNTERBALANCE	
3-	43018GT	SEAL KIT (39345)	
4	121307GT	WELDMENT,GUIDE BRACKET,YOKE (4WD models)	2
5	75051GT	SCREW,SER FLNG3/8UNCX3/4ZNYEL	8
6	229351GT	ASSY,S-80 YOKE,W/BEARINGS,RFLR	
7	25817GT	BEARING,1.00IDX1.25ODX1.00L	6
8	19440GT	PIN,CLEVIS,1 X 2.5 LG	6
9	74389GT	RUE RING 1.00	6
10	121004GT	WELDMENT, TIE ROD, S80	1
11	59370GT	CYLINDER,STEER	2
11-	88349GT	SEAL KIT,STEER CYL***	
12	227778GT	SCREW, HHF,M12-1.75X30,10.9	
13	101070GT	MOTOR,PISTON,2 SPEED,45CC (4WD and High-flotation option)	2
13-	106098GT	SEAL KIT,MOTOR,LC/KC***	
14	106117GT	O-RING,2-010,VITON (Mating O-ring for Brake Port)(Extremely small)	
15	106118GT	O-RING,2-157,VITON*** (Motor to Hub O-ring)	2
16A	227775GT	WHEEL DRIVE,W/BRAKE 57.49:1 (Refer to 205.1) (Seal Kit 1286604, Bearing Kit 1286605)	
16A-	215623GT	SEAL KIT (227775) for 227775 (inventory limited to stock on hand as component is no longer available), replace by 1286604GT	
16A-	1286604GT	SEAL KIT,WHEEL DRIVE W/BRAKE (227775) for 227775	
16A-	9990046GT	COVER, PLATE for 227775	
16A-	9990109GT	O-RING, NBR70 for 9990046	
16A-	1286605GT	BEARING KIT,WHEEL DRIVE W/BRAKE (227775) for 227775	
16B	227776GT	WHEEL DRIVE W/BRAKE 86.74:1 High-flotation option (refer to 206.1)	
16B-	T111507GT	SEAL KIT (121291)*** for 227776	

201.1 Steer End



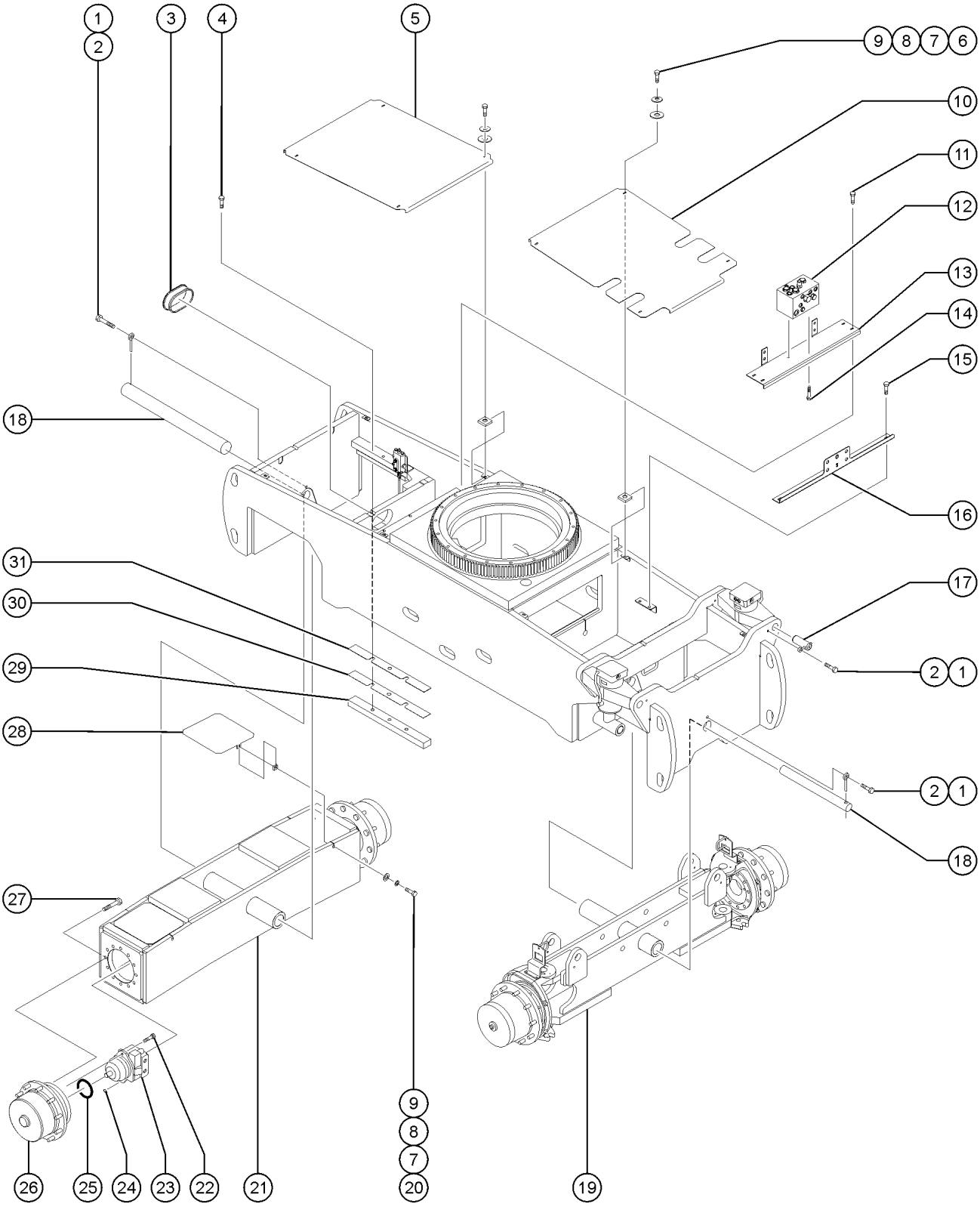
Item	Part No.	Description	Qty.
16C		WHEEL DRIVE, IDLER (Refer to 204.1) no longer available	2
17	121270GT	WHEEL,HF,22.5 X 14.00 for 121281, 121280	
17-	121268GT	WHEEL,24.5 X 15.00 for 227804, 227805, 227985, 228805	
18	81164GT	TIRE,41/18LL X 22.5,14PR,TURF* for 121281, 121280	
18-	88261GT	TIRE,18-625,16 PLY,RT HBR for 227804, 227805	
18-	101943GT	TIRE,18-625,16 PLY RT HBR,N-M for 227985, 228805	
19	34127GT	NUT,LUG,3/4-16 X 7/8 RADIUS	22
20A	121286GT	TIRE & WHEEL ASSY,RT LP FOAM,L RT, Foam-filled, left (11 holes)	1
20A	121287GT	TIRE & WHEEL ASSY,RT LP FOAM,R RT, Foam-filled, right (11 holes)	1
20B	121271GT	TIRE & WHEEL ASSY,FOAM NM,LH RT, Foam-filled, Non-marking, left	1
20B	121272GT	TIRE & WHEEL ASSY,FOAM NM,RH RT, Foam-filled, Non-marking, right	1
20C	1263978GT	ASSY,TIRE,18/625,LH,EXMILE left	1
20C	1263979GT	ASSY,TIRE,18/625,RH,EXMILE right	1
21	30199GT	PIN,1.75 DIAX4.50LG,THREADED	4
22	825019GT	ROD END, .375X3.69, ZAG	4
23	119620GT	BEARING,1.75IDX2.00ODX1.50L	
24	229350GT	ASSY,S-80 YOKE,W/BEARINGS,LFRR	
25	51144GT	BEARING,1.75IDX2.00ODX1.25L	4
26	227779GT	SCREW,HHF,M16-2.0X50 10.9	2
27	60555GT	WASHER,THRUST 5 X 1.81 BRON	2
28	88241GT	SHIM,GALVANIZED STEER YOKE	as needed
29	121078GT	SCREW,FLANGE,HHC,3/8-16X2.5	2
30	121422GT	NUT,HEX,FLG,3/8-16	
31	121371GT	PIN,1.75DIA X 10.50LG,2 RING	2
32	825759GT	SNAP RING,EXTERNAL,1.75,ZAG	4
33	122670GT	STEER AXLE ASSY W/BEARINGS	

202.1 Axle Installation



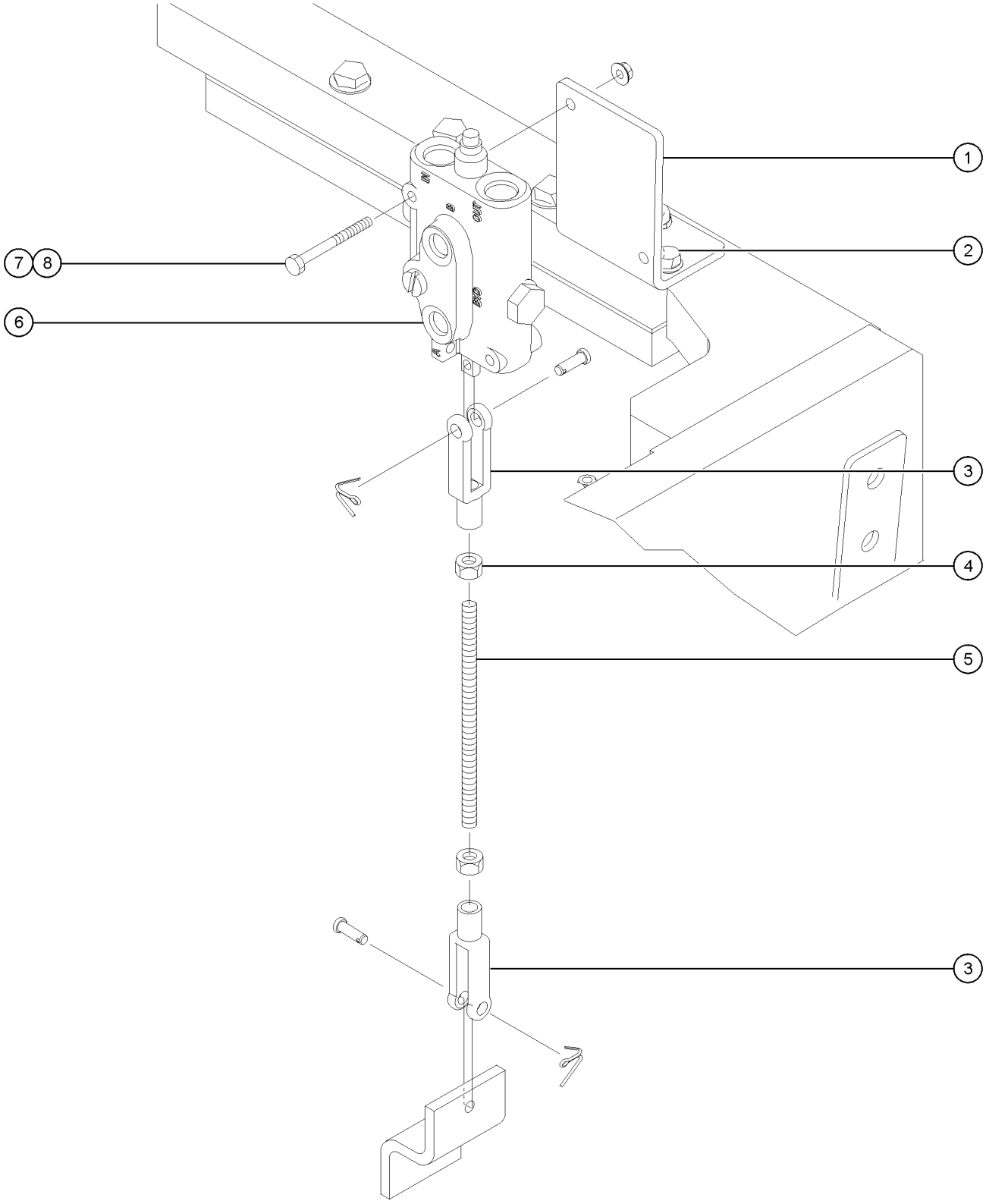
Item	Part No.	Description	Qty.
1	123167GT	FLGHCS,1/2-13X1.50,GR8,BLK PH	
2	1256267GT	ROD END,.5 X 3.75,ZAG	2
3	53387GT	GUARD, HOSE PROTECTOR	1
4	121071GT	SCREW,HHC,FLG,1/2-13 X 2.50GR8	
5	77537GT	COVER,ASSY,DR CHASSIS REAR S80	1
6	6090GT	SCREW, HHC, 1/4-20 X .75	
7	6356GT	WASHER, LOCK, .25	
8	6638GT	WASHER, FLAT, USS, 1/4"Y	
9	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	12
10	77538GT	COVER,ASSY,DRIVE CHASSIS FRONT	1
11	121066GT	SCREW,HHC,FLG,3/8-16 X 1 GR8	
12		Ref. Traction Manifold (Refer to 701.1)	
13	121224GT	FORMING, TRAC. CONT. MAN. BRKT	1
14	123166GT	FLGHCS,1/2-13X1.00,GR8,BLK PH	
15	121066GT	SCREW,HHC,FLG,3/8-16 X 1 GR8	
16	121223GT	FORMING, BULKHEAD BRKT	1
17	81498GT	PIN,1.75DIAX4.50LG,THREADED	
18	81378GT	PIN,2.50DIAX27.63LG,1HOLE no longer available	
19		Ref. Steer End (Refer to 201.2)	
20	6637GT	SCREW,HHC,1/4-20 X 1.75	
21	122671GT	NON-STEER AXLE ASSY W/BEARINGS	1
22	227778GT	SCREW, HHF,M12-1.75X30,10.9	
23	101070GT	MOTOR,PISTON,2 SPEED,45CC (4WD and High-flotation option)	2
23-	121668GT	MOTOR,PISTON,2 SPEED,45CC/18CC (2WD models)	2
24	106117GT	O-RING,2-010,VITON (Mating O-ring for Brake Port)(Extremely small)	2
25	106118GT	O-RING,2-157,VITON*** (Motor to Hub O-ring)	2
26A	227775GT	WHEEL DRIVE,W/BRAKE 57.49:1 (Refer to 205.1) (Seal Kit 1286604, Bearing Kit 1286605)	
26A-	215623GT	SEAL KIT (227775) for 227775 (inventory limited to stock on hand as component is no longer available), replace by 1286604GT	

202.1 Axle Installation



Item	Part No.	Description	Qty.
26A-	1286604GT	SEAL KIT,WHEEL DRIVE W/BRAKE (227775) for 227775	
26A-	9990046GT	COVER, PLATE for 227775	
26A-	9990109GT	O-RING, NBR70 for 9990046	
26A-	1286605GT	BEARING KIT,WHEEL DRIVE W/BRAKE (227775) for 227775	
26B	227776GT	WHEEL DRIVE W/BRAKE 86.74:1 2WD and High-flotation option (refer to 206.1)	
26B-	T111507GT	SEAL KIT (121291)*** for 227776	
27	227779GT	SCREW,HHF,M16-2.0X50 10.9	
28	121349GT	FORMING,COVER,REAR AXLE	2
29	88092GT	BAR,AXLE ROTATION STOP,OSC.	2
30	81610GT	SHIM,AXLE ROTATION STOP,16G	as needed
31	81609GT	SHIM,AXLE ROTATION STOP,22G	as needed

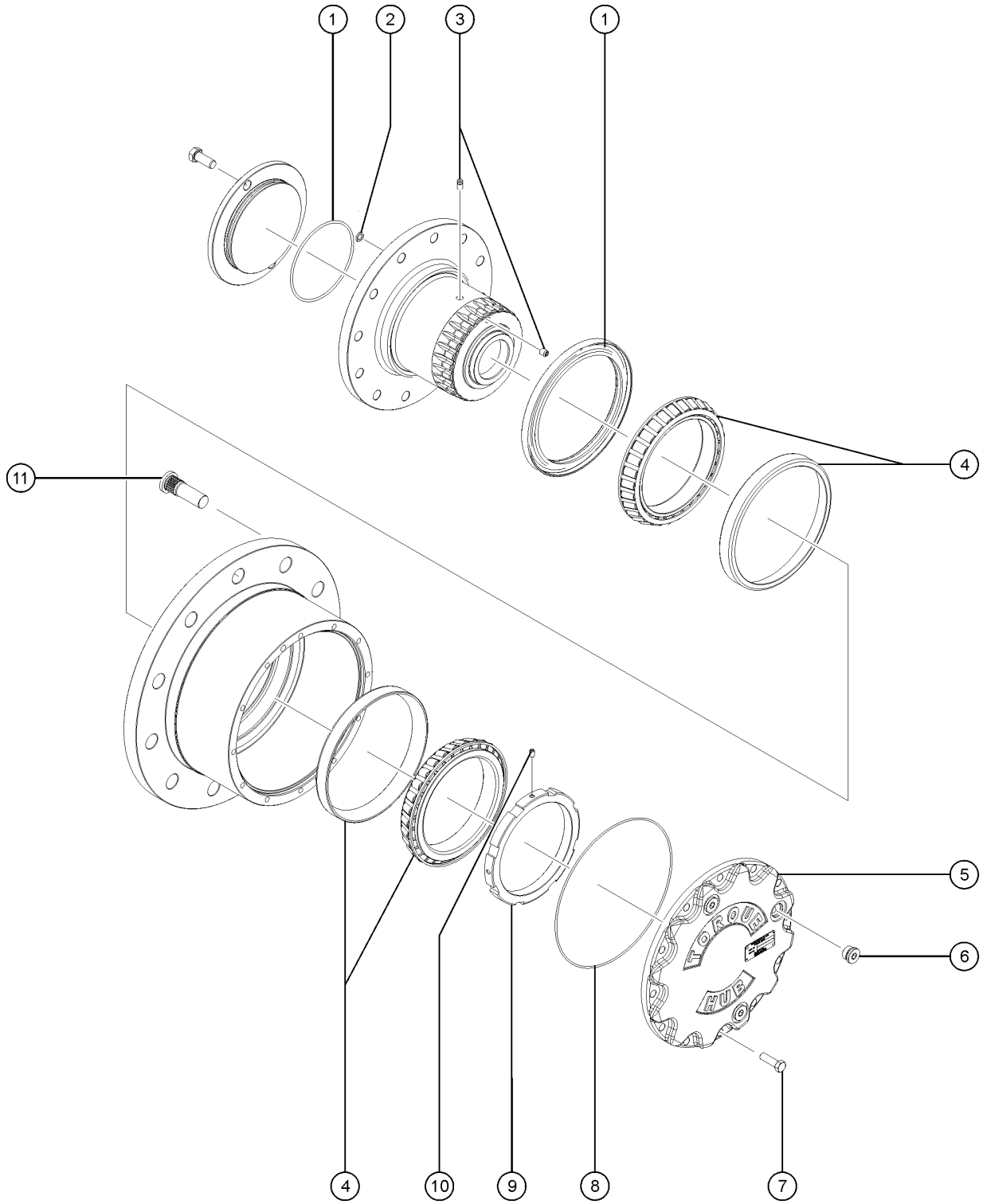
203.1 Oscillation Control Valve



203.1 Oscillation Control Valve

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

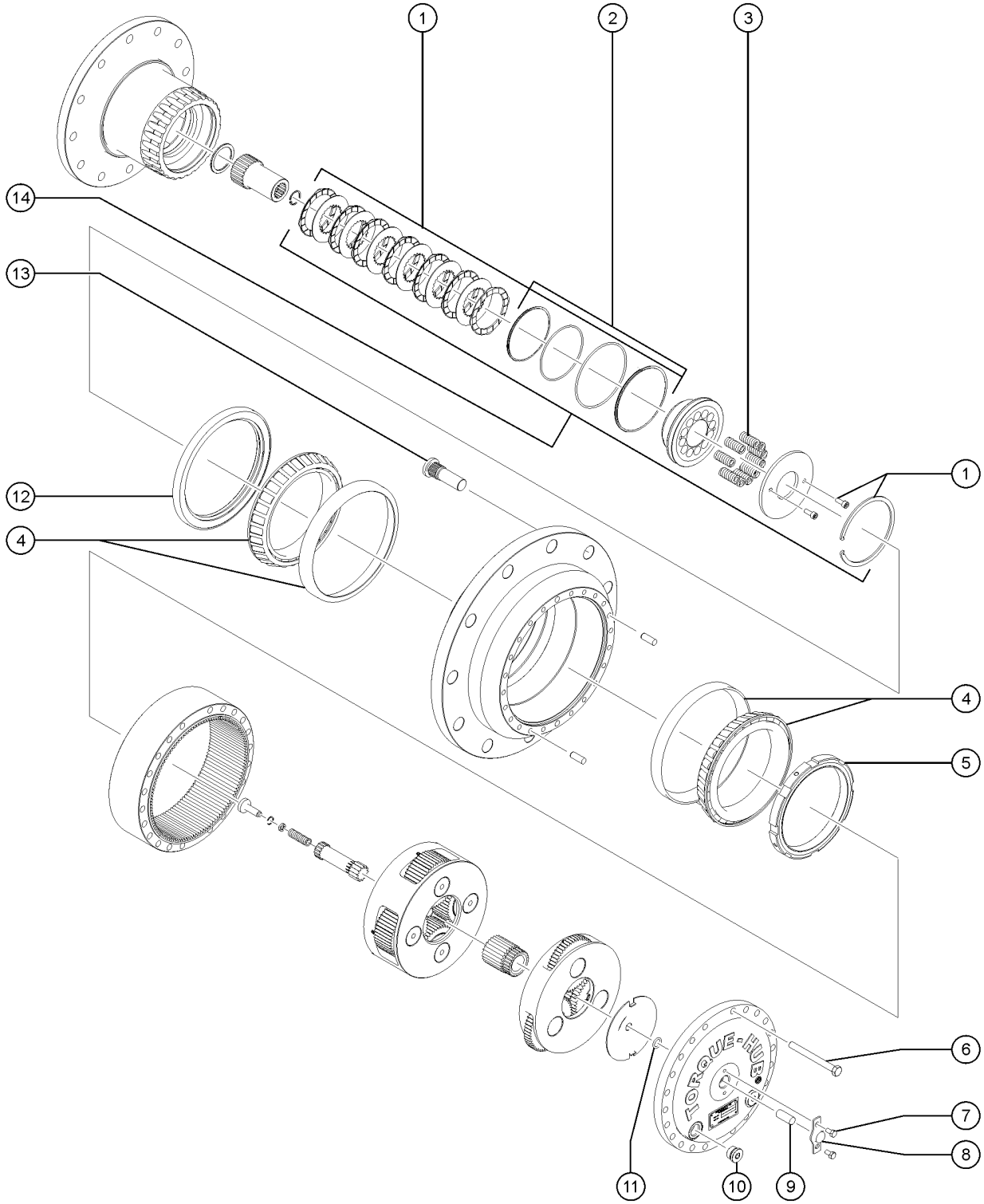
204.1 Hub Assembly - 2 WD Spindler



204.1 Hub Assembly - 2 WD Spindler

Item	Part No.	Description	Qty.
-		WHEEL DRIVE, IDLER no longer available	
-		2 WD SPINDLE,IDLER no longer available	
1	T111507GT	SEAL KIT (121291)*** Includes O-ring part 33990	
2	235135GT	O-ring	1
3	235136GT	EXPANSION PLUG	2
4	235137GT	BEARING, TAPERED - ASSY	2
5	122460GT	COVER PLATE (121351)	1
6	58237GT	PLUG,TORQUE HUB,DRAIN***	3
7	235138GT	BOLT,HEX-UNC(.375-16,1.25g)	12
8	33990GT	O-RING, TORQUE HUB COVER Part of seal kit T111507	1
9	146051GT	BEARING NUT***	1
10	146052GT	SET SCREW***	1
11	33441GT	STUD,WHEEL,3/4-16, (34115)	11

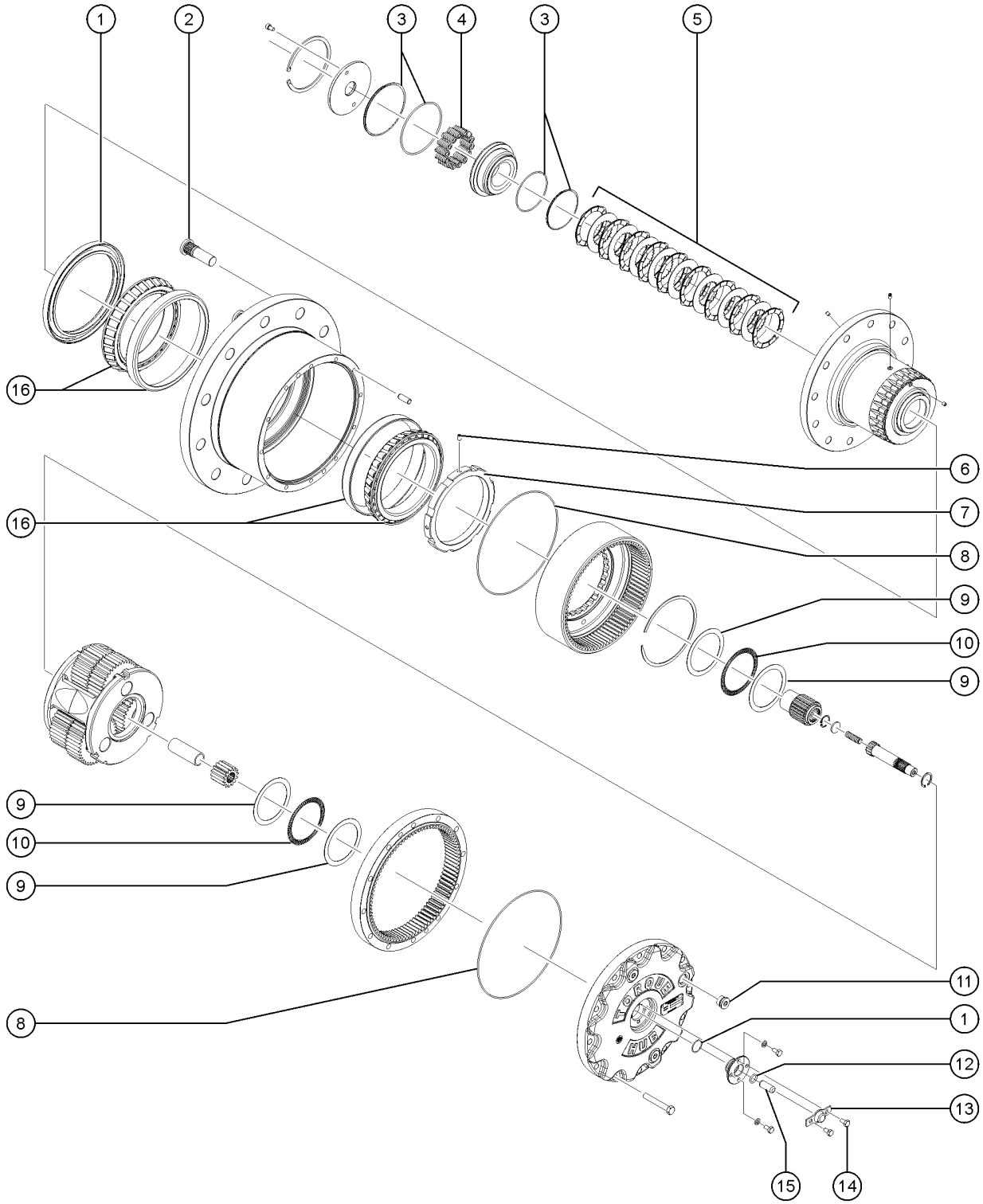
205.1 Drive Hub Assembly with Brake - Type 1



205.1 Drive Hub Assembly with Brake - Type 1

Item	Part No.	Description	Qty.
-	227775GT	WHEEL DRIVE,W/BRAKE 57.49:1 Shown (Seal Kit 1286604, Bearing Kit 1286605)	
-	215623GT	SEAL KIT (227775) for 227775 (inventory limited to stock on hand as component is no longer available), replace by 1286604GT	
-	1286604GT	SEAL KIT,WHEEL DRIVE W/BRAKE (227775) for 227775	
-	9990046GT	COVER, PLATE for 227775	
-	9990109GT	O-RING, NBR70 for 9990046	
-	1286605GT	BEARING KIT,WHEEL DRIVE W/BRAKE (227775) for 227775	
1	235133GT	Brake Lining Kit	1
2	235139GT	Brake Seal Kit	1
3	235140GT	Spring Kit	1
4	235137GT	BEARING, TAPERED - ASSY	2
5	146051GT	BEARING NUT***	1
6	235151GT	BOLT,HEX-UNC(.375-16)	22
7	111362GT	BOLT,WHEEL DRIVE CAP(106122)	2
8	106122GT	CAP,DISENGAGE,4HP/4HB***	1
9	235152GT	DISENGAGE, ROD	1
10	235153GT	PIPE PLUG, MAGN	2
11	111363GT	O-RING,DISCONNECT ROD (111060)	1
12	215623GT	SEAL KIT (227775) Includes 2 O-rings (not shown) and bearing nut part 146051, (inventory limited to stock on hand as component is no longer available), replace by 1286604GT	1
13	33441GT	STUD,WHEEL,3/4-16, (34115)	11
14	235150GT	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.
-	227776GT	WHEEL DRIVE W/BRAKE 86.74:1 Shown	
1	T111507GT	SEAL KIT (121291)*** Includes items 8 and 12	1
2	33441GT	STUD,WHEEL,3/4-16, (34115)	11
3	122878GT	BRAKE LINING KIT (121291)	1
4	122879GT	SPRING KIT (121291)	1
5	106125GT	SEAL KIT, BRAKE, 4HP (inventory limited to stock on hand as component is no longer available), replace by 1286602GT	
5B	1286602GT	SEAL KIT,WHEEL DRIVE W/BRAKE (101584/101585)	
6	146052GT	SET SCREW***	1
7	146051GT	BEARING NUT***	1
8	33990GT	O-RING, TORQUE HUB COVER Part of seal kit T111507	2
9	58999GT	WASHER,THRUST,(33434)**	4
10	65846GT	BEARING,THRUST WASHER***	2
11	58237GT	PLUG,TORQUE HUB,DRAIN***	3
12	111363GT	O-RING,DISCONNECT ROD (111060) Part of seal kit T111507	1
13	106122GT	CAP,DISENGAGE,4HP/4HB***	1
14	235154GT	BOLT,HEX-UNC(.250-20, .500G)	4
15	235152GT	DISENGAGE, ROD	1
16	235137GT	BEARING, TAPERED - ASSY	2

301.1 Hydraulic and Fuel Tanks - Diesel Models

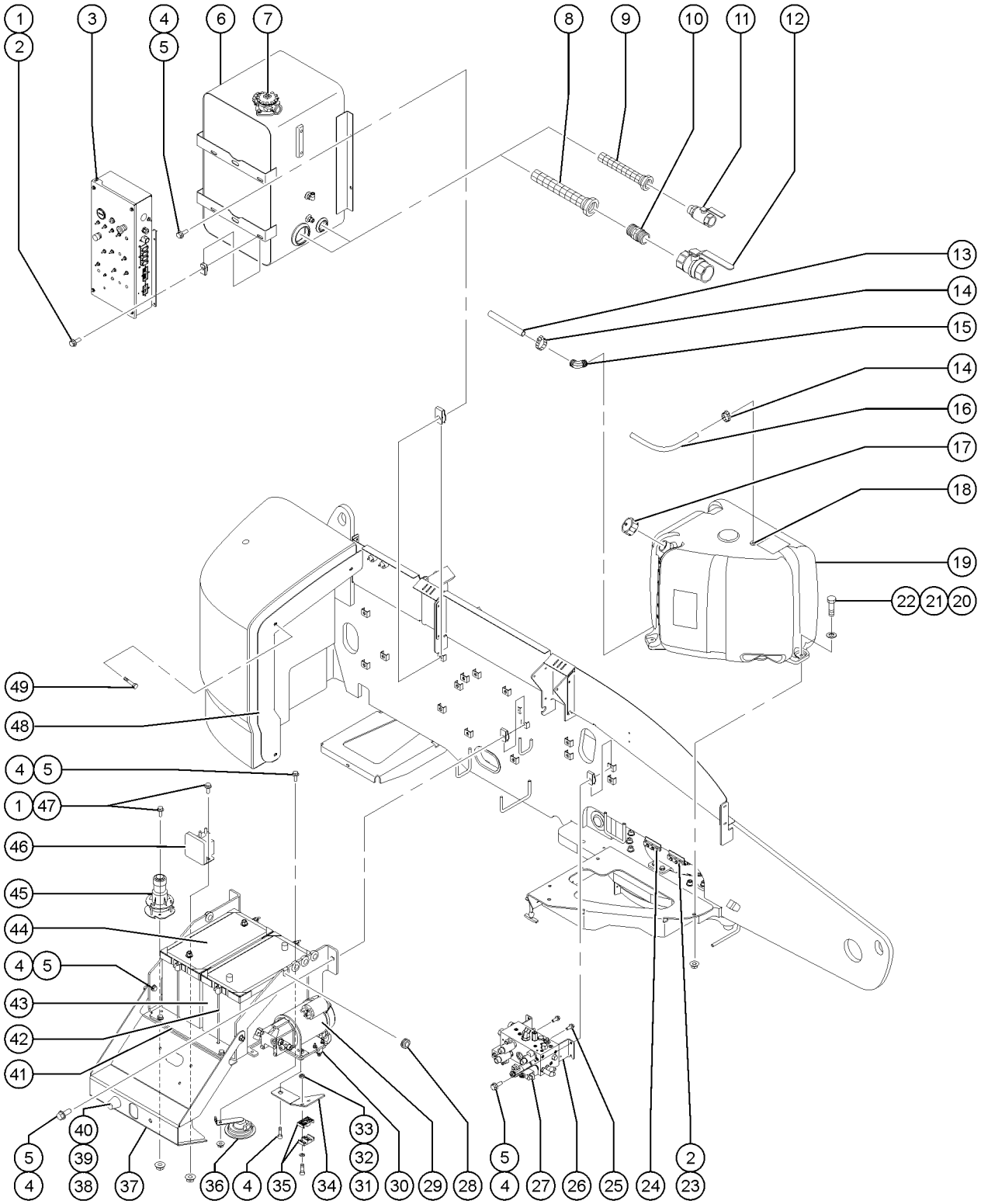


Figure 301.1
Hydraulic Tank Side

Item	Part No.	Description	Qty.
1	121419GT	SCREW,HHF,1/4-20 X .75	
2	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
3		Ref. GROUND CONTROL BOX	
4	121066GT	SCREW,HHC,FLG,3/8-16 X 1 GR8	
5	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	
6	111578GT	TANK, HYDRAULIC 40 GAL	1
6A	21141GT	GAUGE-SIGHT,LHA-LGTB***	
7A	110345GT	FILTER ASSY,INTANK includes item 7B	1
7A-	147223GT	SEAL,FILTER LID	
7B	77353GT	KIT,ELEMENT**	
7B-	94526GT	GASKET,RETURN FILTER-77353	
7B-	77354GT	FILTER LID,RFM165	
7B-	77365GT	BREATHER CAP,RFM165	
7B-	88917GT	FILTER,ELEMENT,BETA(10)=200	
8	75257GT	STRAINER ASSY,#24 O-RING	1
9	147419GT	KIT,STRAINER REPLACEMENT	1
10	75254GT	UNION,STR.THREAD 24***	1
11	48996GT	VALVE, BALL, 16 MSAE-16 FSAE	1
12	75256GT	VALVE BALL,24 FSAE-24 FSAE***	1
13	823421GT	HOSE,FUEL,1/2,GATES RLA (Deutz models with fuel tank part 823396); from SN 11189	125 inches
14	21465GT	CLAMP,HOSE,.25" - .63" X .3125	
15	54124GT	HOSE END,BARB,3/8 MNPT X 5/16 (Deutz models)	
16	823420-1772GT	HOSE,FUEL,3/8,GATES RLA 60" (Deutz models with fuel tank part 823396); from SN 11189	123 inches
17	101726GT	CAP,FUEL,DIESEL,1/8"VENT(GRN) no longer available, (replaced by 1316635)	1
17B	1316635GT	CAP, FUEL, DIESEL, 0.08 IN HOLE (BLACK)	1
18	823356GT	TUBE,FUEL RETURN,3/8X3/8X23.5 (Deutz and Perkins models with fuel tank part 823396 or 1274331)	
18-	219144GT	3/8 MALE NPT X 1/4 BARB (Deutz models with fuel tank part 823396)	

301.1 Hydraulic and Fuel Tanks - Diesel Models

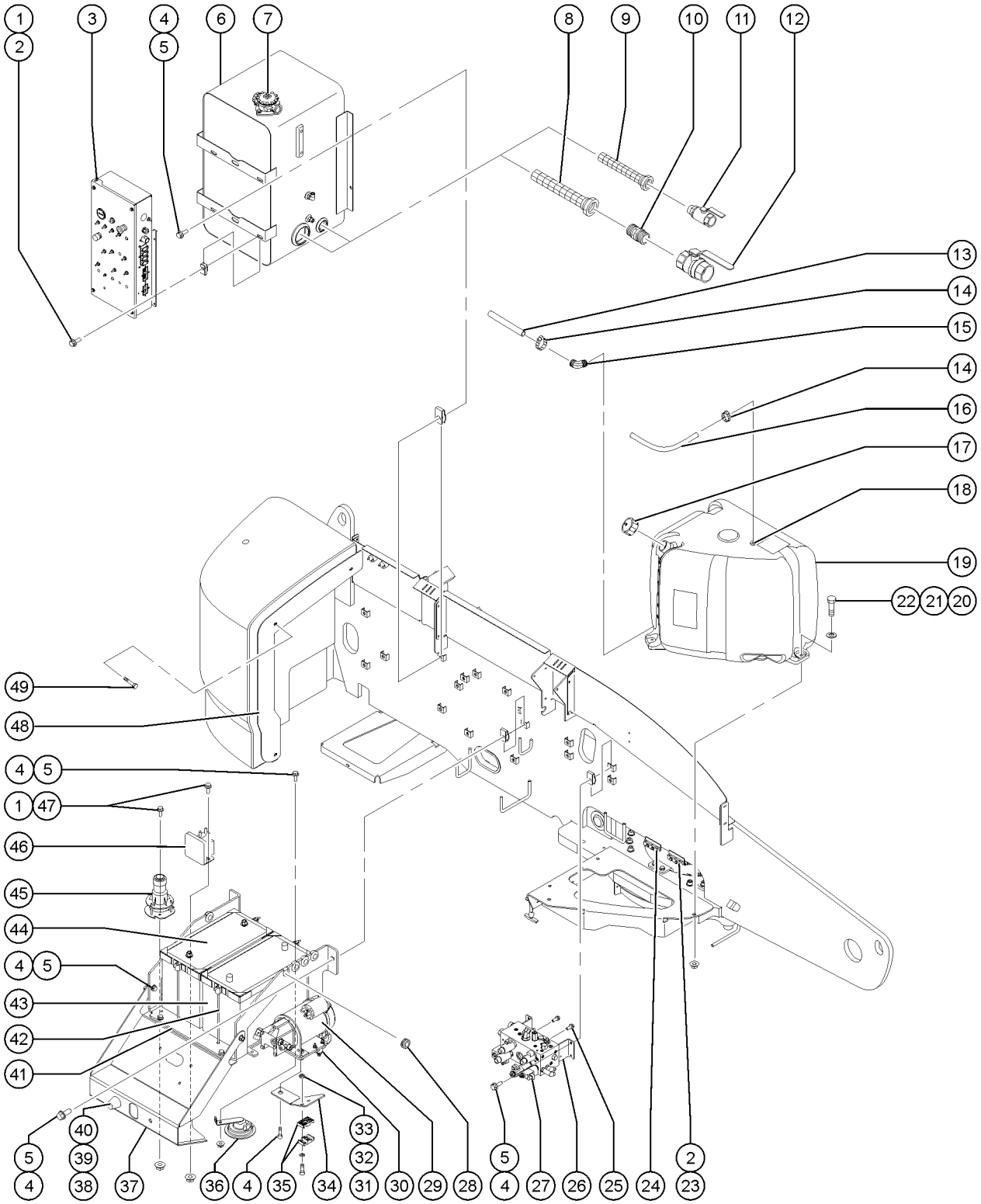


Figure 301.1
Hydraulic Tank Side

Item	Part No.	Description	Qty.
19	823396GT	FUEL TANK ASSY,35 GAL PLASTIC	
20	5224GT	SCREW,HHC,3/8-16 X 2	
21	6097GT	WASHER, FLAT, USS, 3/8", Y	
22	4828GT	NUT, NYLOCK, 3/8-16	
23	121069GT	SCREW,HHF,1/4-20 X 1.50	
24	121690GT	CLAMP,HALF,HARDLINE,3/8	2
25	16439GT	SCREW,FHS,3/8-16 X 1	
26	121687GT	FORMING,MANIFOLD MOUNT	1
27		Ref. FUNCTION MANIFOLD (Refer to 706.1)	
28	826559GT	GROMMET,.875"ID,1.25"OD,.188"	6
29A	146180GT	ASSEMBLY, AUX POWER UNIT, 12VDC Use with dual battery	
29A-	146181GT	SOLENOID, APU	
29A-	146182GT	GROUND WIRE,SOLENOID	
29A-	37187GT	SEAL KIT, 37185 PUMP	
29A-	37192GT	COUPLER, PUMP / MOTOR (36179)	
29A-	58489GT	PUMP ASSY,AUX.POWER UNIT 89617	
29A-	62414GT	SEAL, SHAFT, 60511 APU	
29A-	77069GT	MOTOR,12VDC,77066 to SN 12607	
29A-	1264969GT	MOTOR, 12VDC, I-TERMINAL from SN 12608	
29B	81535GT	HARNESS,BATT.+ TO APU SOLENOID	
29B-	81536GT	HARNESS,APU GND TO ENGINE BLCK	
30	94982GT	STANDOFF, 3/8" BLACK	1
30-	5397GT	WASHER, FLAT, USS, 5/16-18	1
30-	4828GT	NUT, NYLOCK, 3/8-16	1
31	6145GT	SCREW, HHC, 1/4-20 X 1.5	
32	6638GT	WASHER, FLAT, USS, 1/4"Y	
33	6091GT	NUT, NYLOCK, 1/4-20	
34	219392GT	FORMING, BAT CABLE GUIDE	

301.1 Hydraulic and Fuel Tanks - Diesel Models

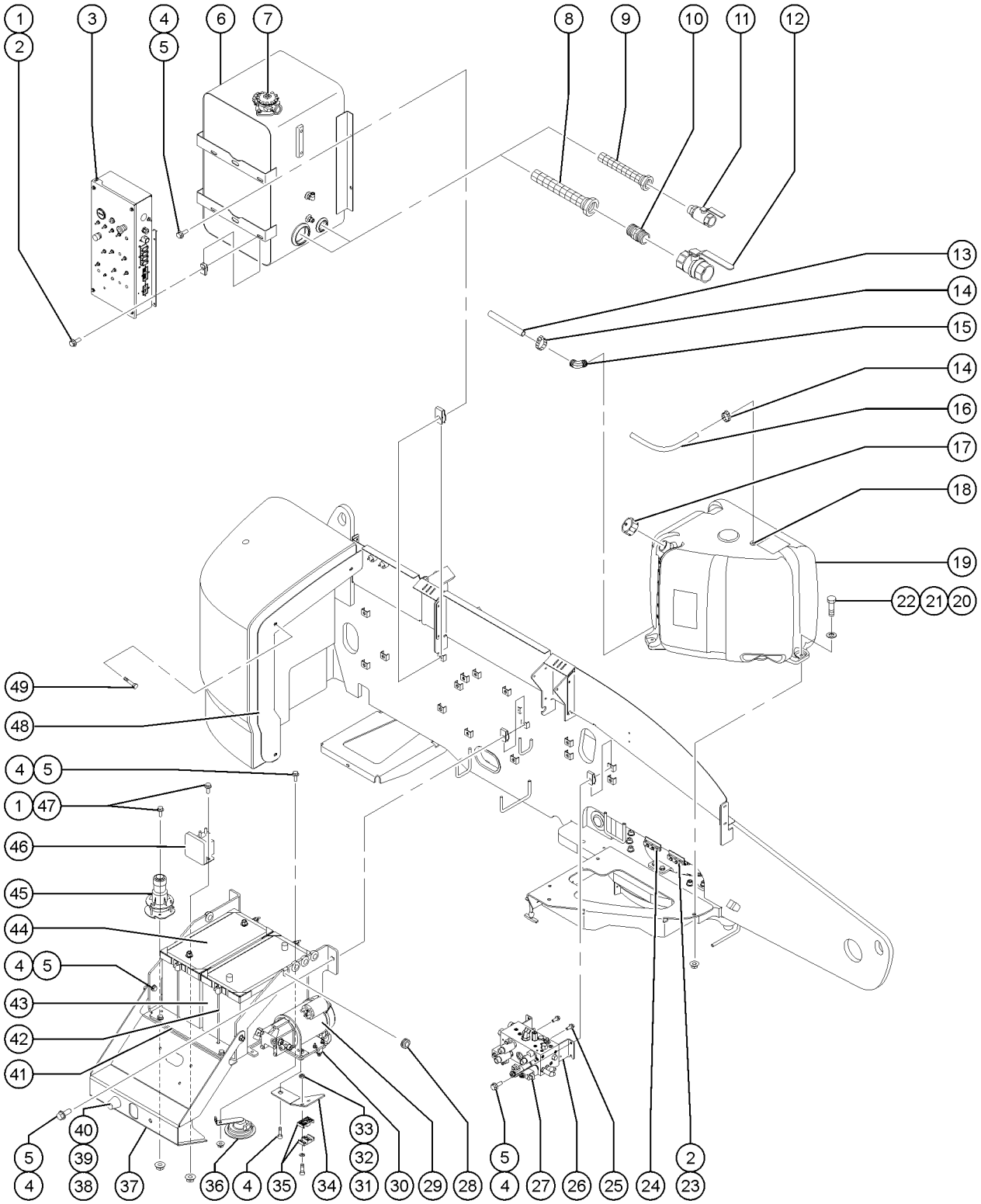
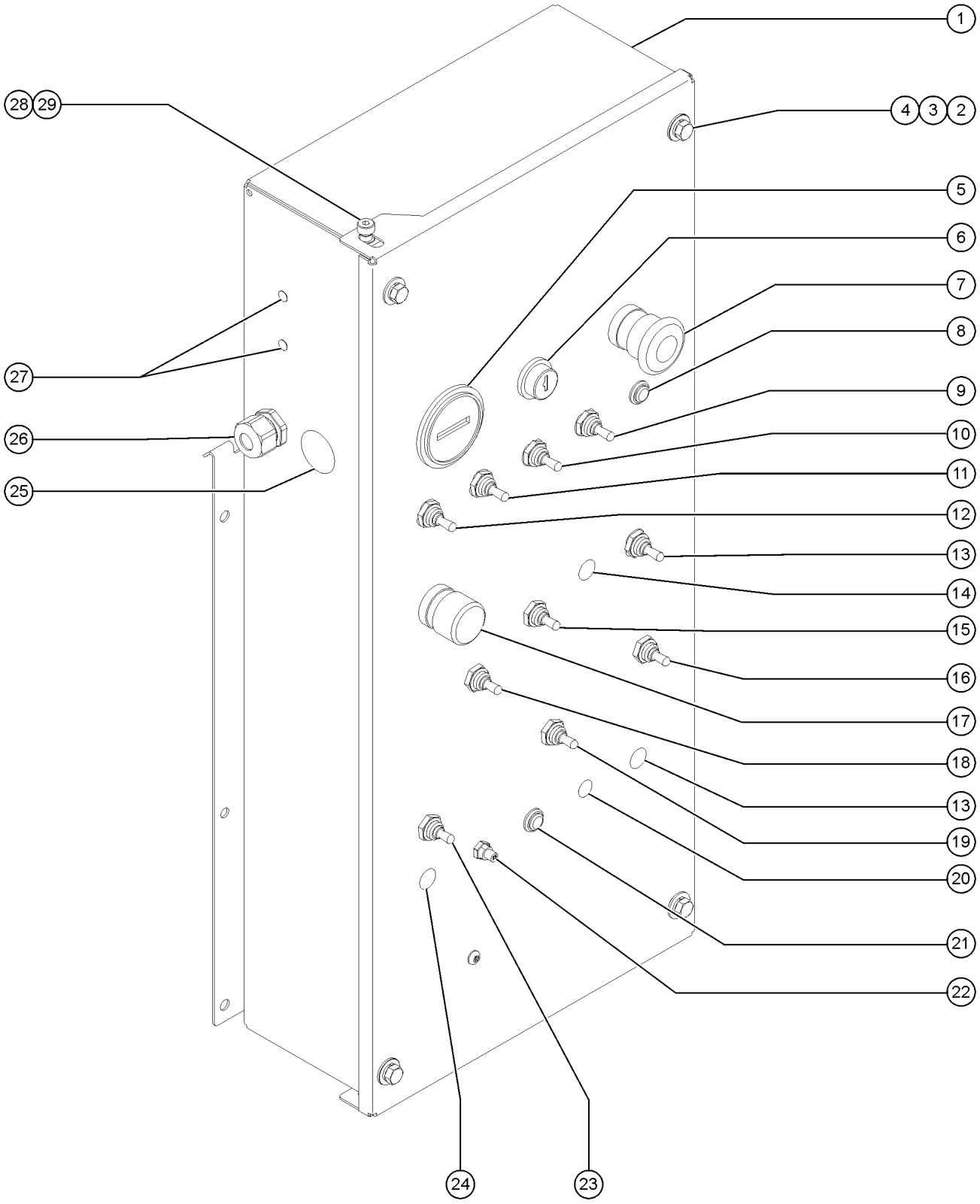


Figure 301.1
Hydraulic Tank Side

Item	Part No.	Description	Qty.
35	78736GT	CLAMP,2 HOSE,PLASTIC,5/8	2
36	81578GT	HORN,12VDC,SPADE TERMINALS***	1
37	121259GT	WELDMENT, HOOD LATCH MOUNT	1
38	30973GT	BUMPER,RUBBER-1 X 1.25	
39	5397GT	WASHER, FLAT, USS, 5/16-18	
40	6782GT	NUT, NYLOCK, 5/16-18	
41	121258GT	FORMING, BATTERY TRAY	1
42A	45708GT	HOOK-BATT HOLD DOWN 10"LG	4
42B	30144GT	BATTERY HOLD DOWN,GROUP 31	2
43	1303589GT	BATTERY, 12V, 1100 CCA, 115 AH, VRLA	1
44	77694GT	BATTERY,12V DEEP CYC 5/16"STUD from SN 8199	1
45	94077GT	SENSOR,LEVEL,4.5 DEG to SN 13231; USA/Canada/ Australia models	1
45-	1261984GT	SENSOR, LEVEL, 4.5 X 4.5 DEG from SN 13232; USA/Canada/ Australia models	
45-	110382GT	LEVEL SENSOR,LS60,YL,2.5X4.5 to SN 13231; European models	
45-	1263187GT	SENSOR, LEVEL,2.5 X 4.5 DEG from SN 13232; European models	
46	237068GT	SEPARATOR,DUAL BATTERY,100A	1
46-	214393GT	KIT, BATT SEPARATOR, ANSI/CSA Includes part 237068	
46-	215209GT	KIT, BATT SEPARATOR, CE Includes part 237068	
46-	215210GT	KIT, BATT SEPARATOR, AS Includes part 237068	
47	121421GT	NUT,FLG,1/4-20	
48	121386GT	PLATE, TANK SIDE BULKHEAD	1
49	75051GT	SCREW,SER FLNG3/8UNCX3/4ZNYEL	

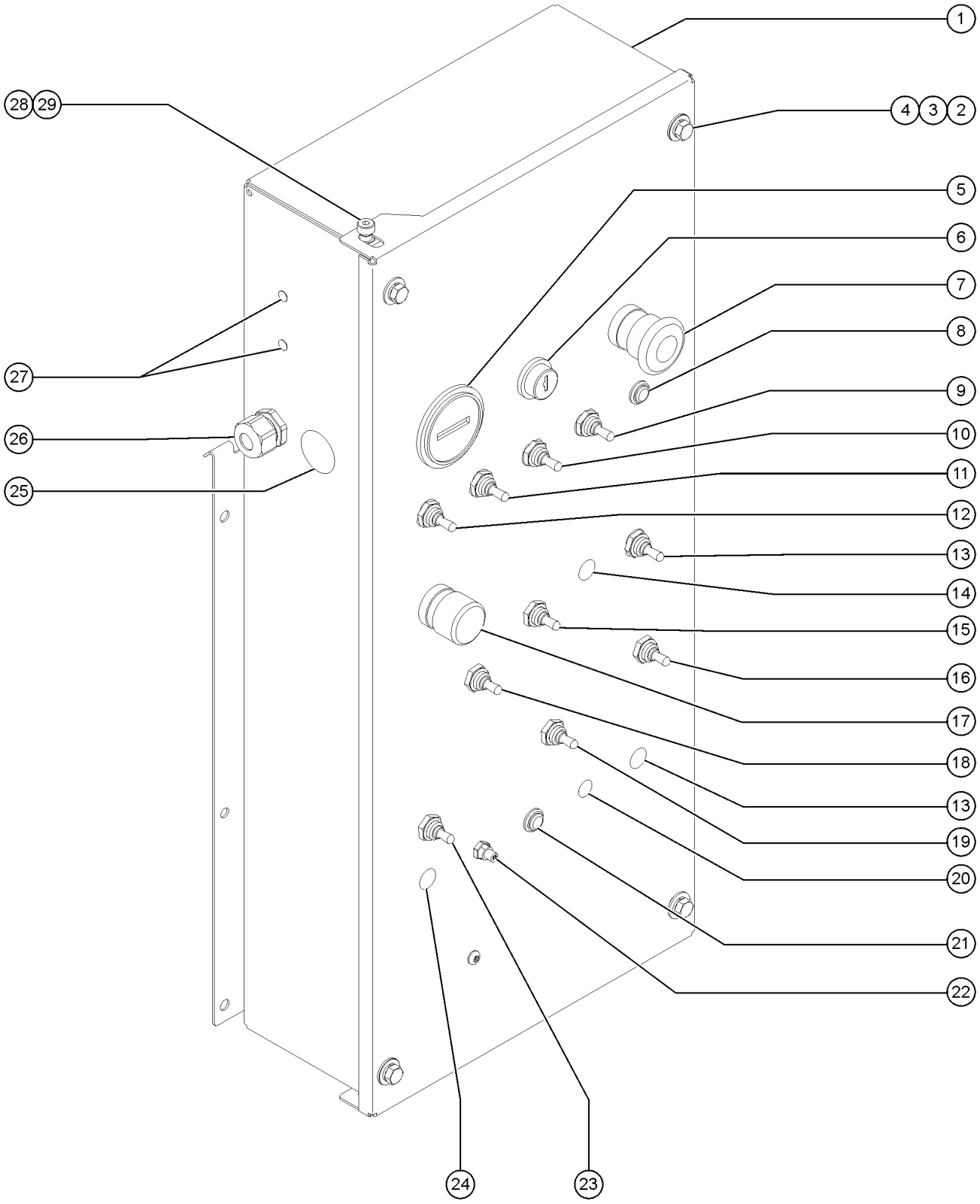
302.1 Ground Controls - View 1



302.1 Ground Controls - View 1

Item	Part No.	Description	Qty.
1A	1253160GT	WELDMENT, GBOX, S80/85 2013	1
1B	122673GT	GROUND BOX LID W/DECAL Use LID part T107744 for S-80X	1
1C	T107744GT	S80X GBOX LID W/DECAL Use only with S-80X	1
2	6090GT	SCREW, HHC, 1/4-20 X .75	
3	6353GT	SCREW,RHM,1/4-20 X .5	
4	6638GT	WASHER, FLAT, USS, 1/4"Y	
5	19506GT	HOUR METER, 10-80 VOLTS***	1
6	96008-SGT	KEYSWITCH,3 POS. W/KEYS***	1
6-	96009GT	WASHER,NITRILE	
6-	83093GT	KEY SINGLE*** Includes boot	
6-	37947GT	KEYS,10 PACK***	
6-	83131GT	KEYSWITCH,3 POS W/KEYS,LOCKING	
7	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
8A	824879GT	LIGHT,LED IND. RED 12V NH Diesel models, (Complete LED light assembly)	1
8B	218167GT	LIGHT,INDICATOR,AMBER 12V ENGINE (Gas/lpg models)	1
9	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT (Engine speed select)	1
10A	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT (Gas/lpg select)	1
10B	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	
11A	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM (Start assist, glow plug) (Diesel models)	1
11B	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	1
12A	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM (Starter)	1
12B	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	1
13A	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM to SN 12263 (Platform level)	1
13B	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM from SN 12264	1
14A	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	2
14B	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM (Jib up/down)	
15	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM (Boom extend/retract)	1
16	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM (Platform rotate)	1

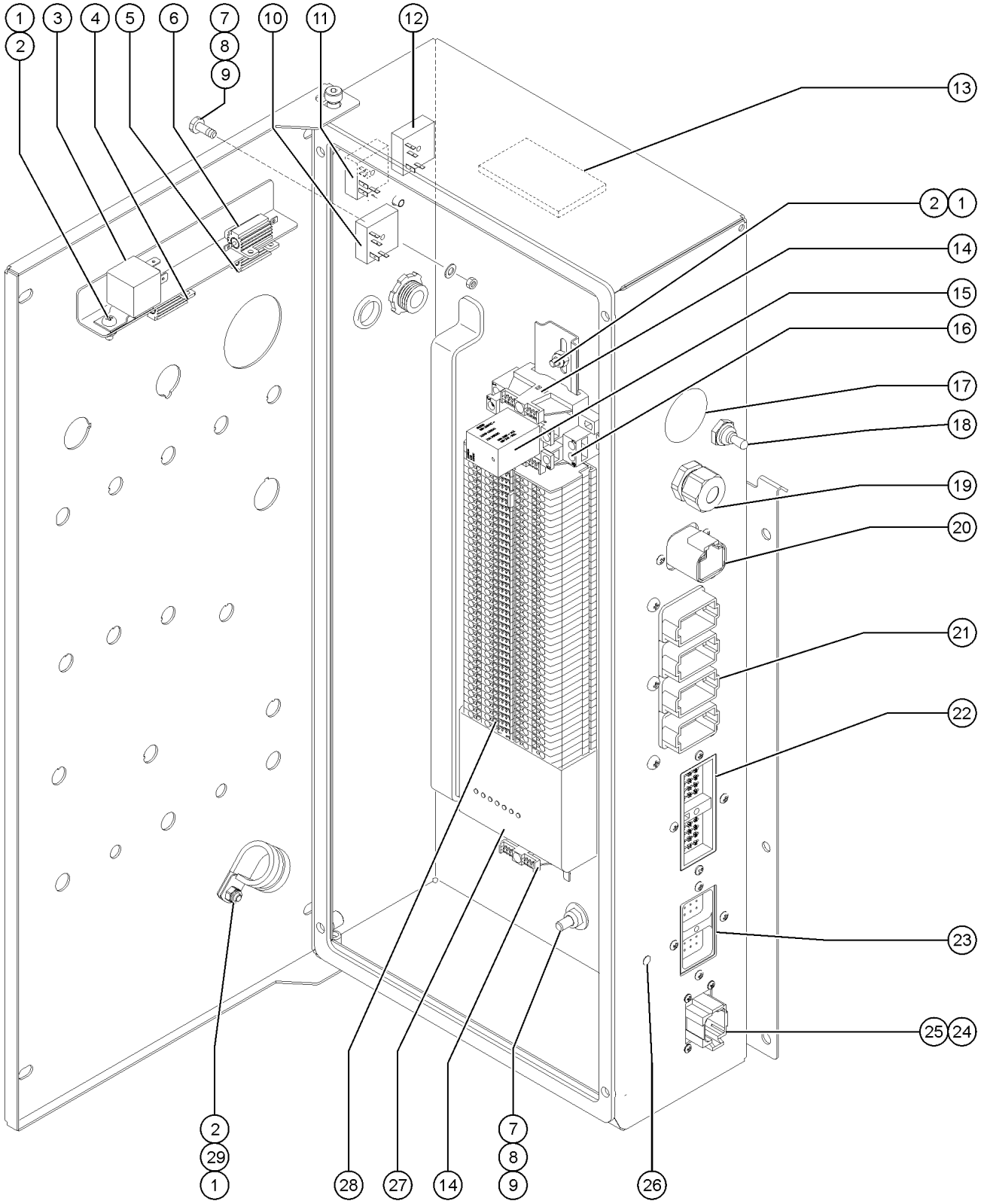
302.1 Ground Controls - View 1



302.1 Ground Controls - View 1

Item	Part No.	Description	Qty.
17	66813GT	BUTTON,PUSH,BLACK W/SEAL*** ..... Function enable) (models with push button) shown	1
17-	80716GT	SWITCH,SELECTOR,BLACK ..... (Function enable) (models with selector switch) not shown	
18	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM ..... (Boom up/down)	1
19	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM ..... (Turntable rotate)	1
20	21858GT	PLUG,NYLON .38 BLACK DOMED ..... Complete LED light assembly)	1
21	824879GT	LIGHT,LED IND. RED 12V NH	1
22	147094GT	ASSY, CIRCUIT BREAKER 15A ..... (Controls)	1
23	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM ..... (Auxiliary pump)	1
24A	21858GT	PLUG,NYLON .38 BLACK DOMED	1
24B	824879GT	LIGHT,LED IND. RED 12V NH ..... Load sense, (Complete LED light assembly)	1
25	15243GT	PLUG,NYLON .875 BLACK DOMED	1
26	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM	1
27	42781GT	PLUG, NYLON .250 BLACK DOMED	1
28	88315GT	SCREW,SHS,1/4-20 X .25 ZINC ..... SUPERSEDE; USE UNTIL EXHAUSTED	2
28A	1263233GT	BOLT,SHS,5/16X.25X1/4-20,8,ZAG ..... REPLACES 88315	2
29	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD	2

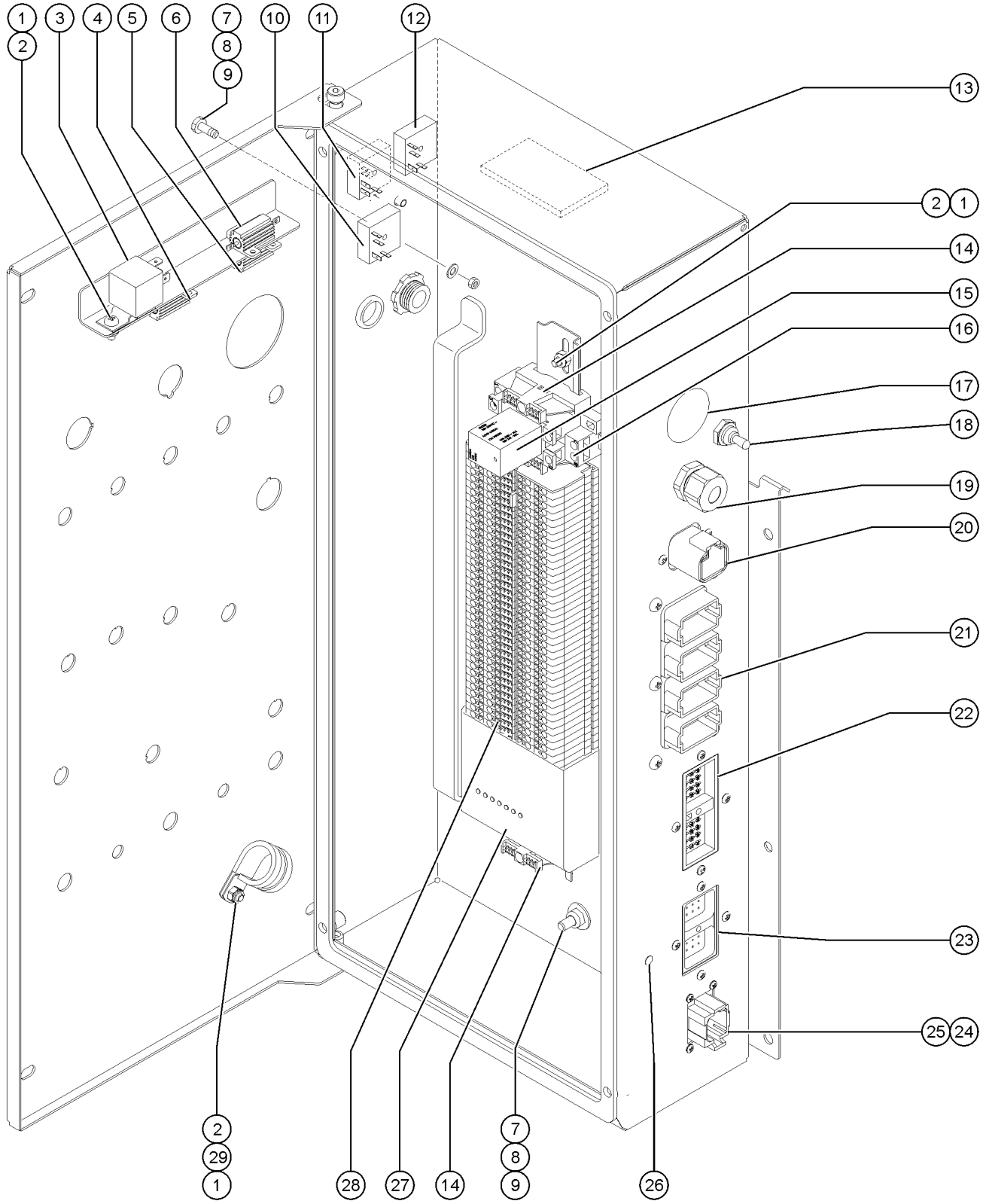
302.2 Ground Controls - View 2



302.2 Ground Controls - View 2

Item	Part No.	Description	Qty.
A-	88832GT	HARNESS,PLUG,NON-LOAD WEIGHING None CE models	
1	54365GT	SCREW,PHIL,PHM,10-32 X .5,SSTL	
2	6178GT	NUT, NYLOCK, 10-32	
3	19274GT	RELAY,SPDT,12V(AUTO)**	
4	89575GT	RESISTOR,7.5 OHM,25 WATT,1PCNT	
5	40614GT	RESISTOR,5 OHM,25W***	
6	27287GT	RESISTOR,10 OHM,25 WATT	
7	6090GT	SCREW, HHC, 1/4-20 X .75	
8	6638GT	WASHER, FLAT, USS, 1/4"Y	
9	6889GT	NUT,LP NYLOCK,1/4-20	
10	102406GT	MODULE,TIME DELAY ON BRK 30S Deutz models	
11	121846GT	RELAY, TIME DELAY, 2 SEC, 10A	
12	106637GT	MODULE,TIME DELAY ON BREAK 4S Welder option	
13	30997GT	CORROSION INHIBITOR,FOAM	1
14	74913GT	END STOP, DIN RAIL,SCREW CLAMP (Part of item 26)	1
15	33607GT	RELAY,OMRON,DPDT,12V Welder option	
16	33608GT	RELAY,SOCKET,OMRON Welder option	
17	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	1
18	128583GT	SWITCH TOGGLE SPDT 2P MOM SHDR	1
18-	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	
19	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM	1
20	73717GT	CONN, RECEP, 4 WAY, DEUTSCH, DTP, FLANGE	1
20-	49820GT	SCREW,PHILLIPS,PHM,6-32 X .5	
21	73736GT	CONN,RECEP 48 WAY,4 X 12	1
21-	73803GT	SCREW,SHM,PHP, #12 X .75	
22	73754GT	CONN,RECEP 40 WAY,W/FLANGE	1
22-	49820GT	SCREW,PHILLIPS,PHM,6-32 X .5	
23	73753GT	CONN,RECEP 24 WAY,W/FLANGE	1

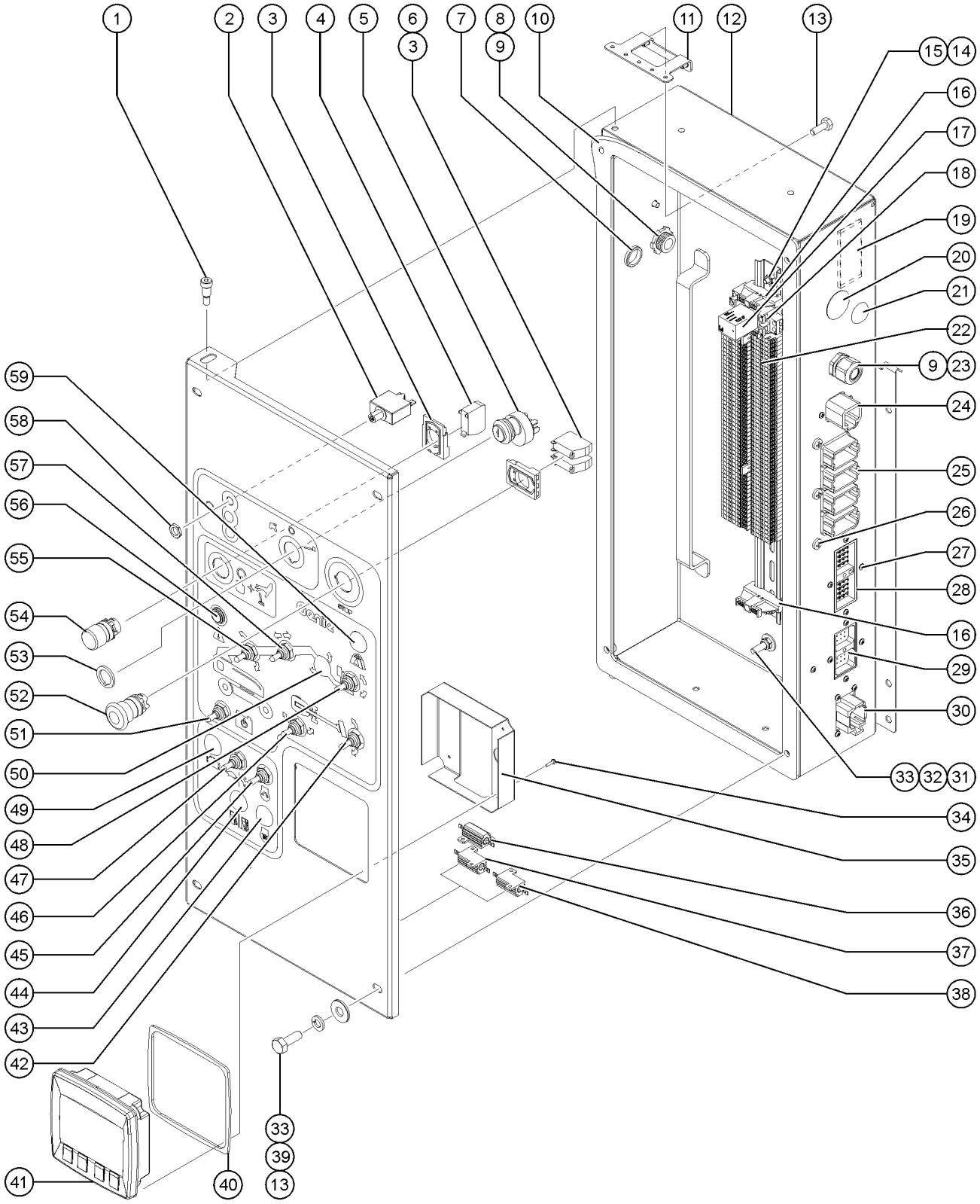
302.2 Ground Controls - View 2



302.2 Ground Controls - View 2

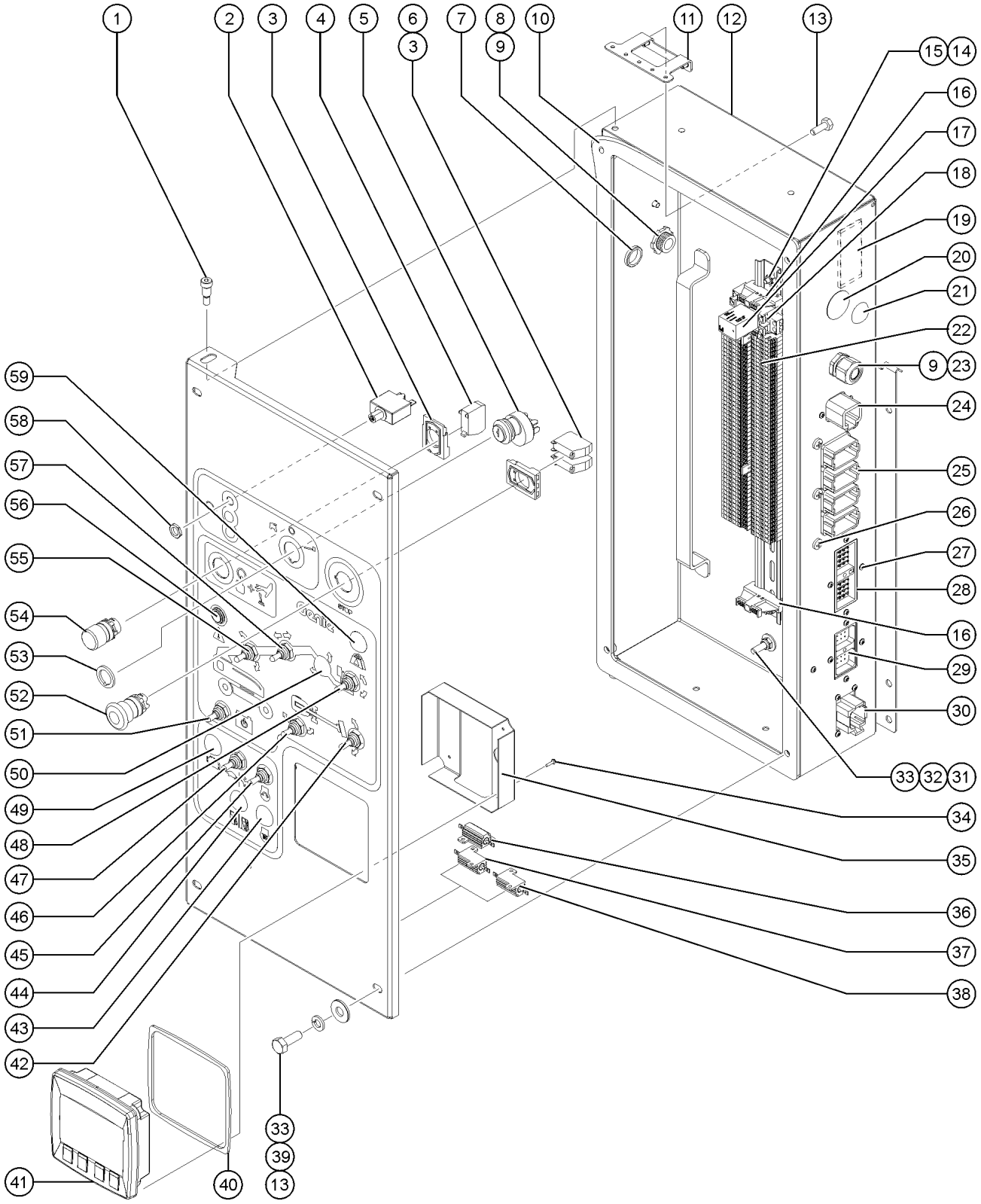
Item	Part No.	Description	Qty.
23-	49820GT	SCREW,PHILLIPS,PHM,6-32 X .5	
24	87755GT	CONN, RECEP, 8 WAY, DEUTSCH, DT, GRAY/FLANGE	
25	60447GT	LOCK,RECEP 8 WAY,14-18GA	
26	42288GT	PLUG,NYLON .188 BLACK DOMED	1
27	56057GT	MODULE,IGNITION/START,12/24V	1
28	1253154GT	ASSY, TERM RAIL, S80/85 2013 (complete assembly)	
28-	216791GT	TERMINAL BLOCK,WIELAND	
28-	216793GT	TERMINAL BLOCK END PLATE	
28-	33422GT	DIN RAIL,17"	
28-	74913GT	END STOP, DIN RAIL,SCREW CLAMP	
28-	74917GT	JUMPER COMB, 2-WAY,WIELAND	
29	18666GT	CLAMP,1.00,#16 X 1/4,RUB CUSH	1

303.1 Ground Control - Deutz TD2.9L4



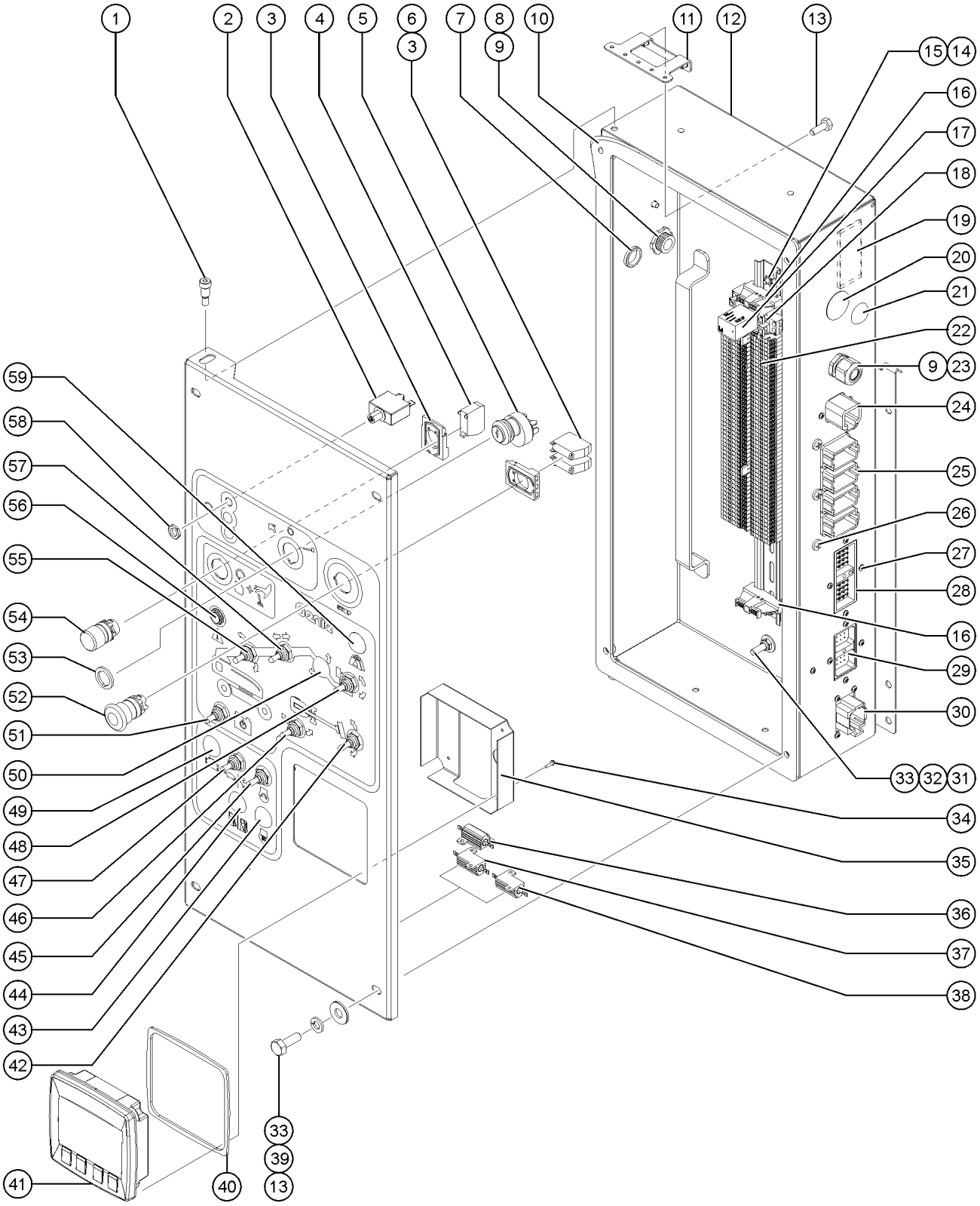
Item	Part No.	Description	Qty.
-		Verify Engine Make and Model Before Ordering	
-	121846GT	RELAY, TIME DELAY, 2 SEC, 10A CE option	
-	106637GT	MODULE,TIME DELAY ON BREAK 4S (Welder option)	
-	1251825GT	WELDMENT, LID, GBOX, TIER IV S80 (no decal)	
1	88315GT	SCREW,SHS,1/4-20 X .25 ZINC SUPERSEDE; USE UNTIL EXHAUSTED	2
1A	1263233GT	BOLT,SHS,5/16X.25X1/4-20,8,ZAG REPLACES 88315	2
2	147090GT	CIRCUIT BREAKER, 15A	1
2-	122994GT	NICKEL PLATED JAM NUT	1
3	66821GT	BASE,WITHOUT CONTACTS	2
4	66815GT	BASE, W/1 N.O. CONTACTS***	1
5	96008-SGT	KEYSWITCH,3 POS. W/KEYS*** includes 1 pair of keys	1
5-	96009GT	WASHER,NITRILE	
5-	83093GT	KEY SINGLE*** includes boot, use with keyswitch 96008-S	
5-	37947GT	KEYS,10 PACK*** use with keyswitch 96008-S	
5-	83131GT	KEYSWITCH,3 POS W/KEYS,LOCKING	
5-	66814GT	BASE,WITH 2 N.O. CONTACTS*** includes 2 each N.O. contacts	
5-	66816GT	CONTACT,N.O.***	
6	66818GT	CONTACT,NC	2
7	15243GT	PLUG,NYLON .875 BLACK DOMED	1
8	121753GT	HARNESS,ALARM/BEACON,S80 2008	1
9	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	2
10	121599GT	GASKET,GBOX,S80/85 2008	1
11	1253409GT	ANGLE, RELAY MOUNTING	1
12	1253160GT	WELDMENT, GBOX, S80/85 2013	1
13	6090GT	SCREW, HHC, 1/4-20 X .75	
14	6178GT	NUT, NYLOCK, 10-32	
15	54365GT	SCREW,PHIL,PHM,10-32 X .5,SSTL	
16	74913GT	END STOP, DIN RAIL,SCREW CLAMP	2

303.1 Ground Control - Deutz TD2.9L4



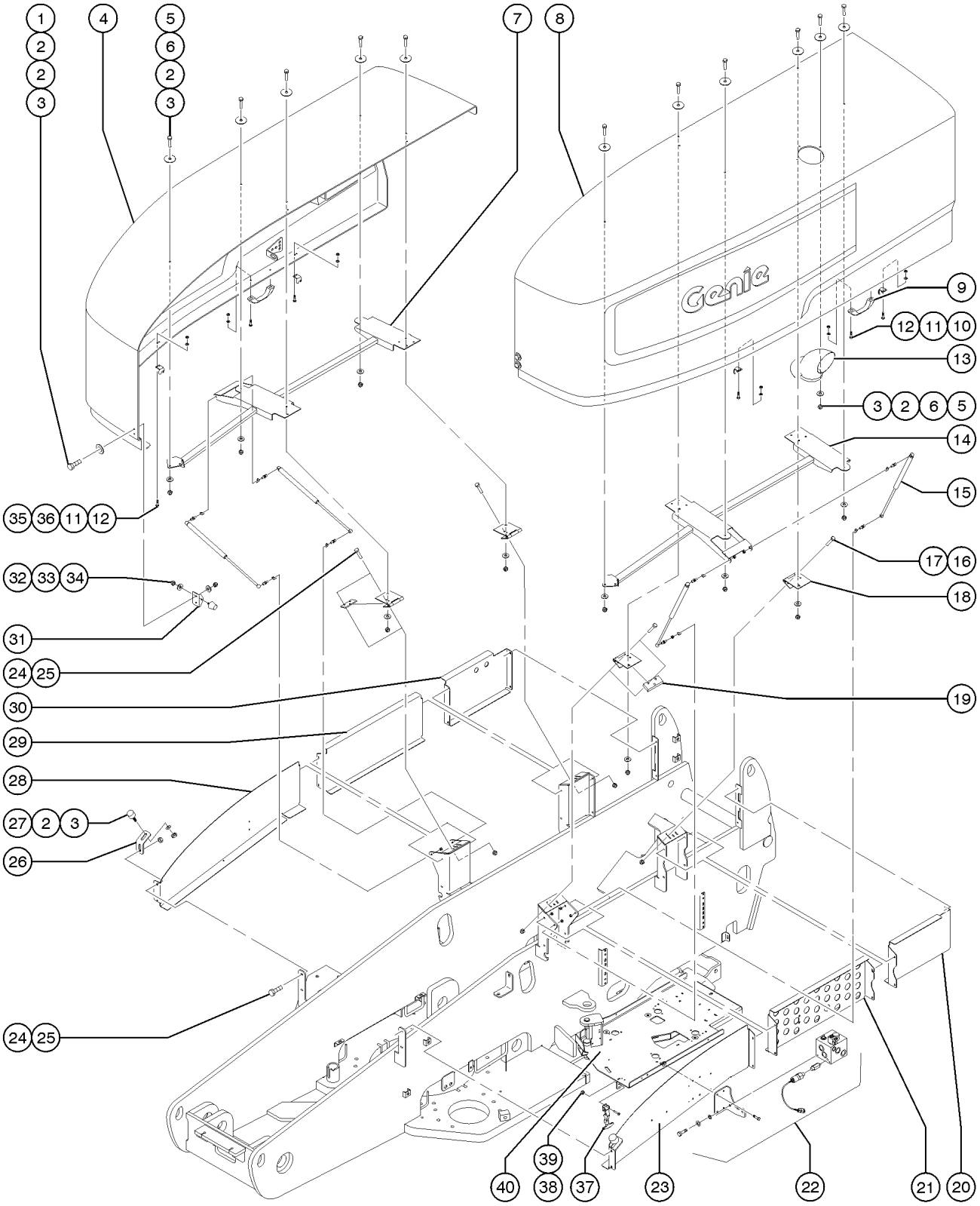
Item	Part No.	Description	Qty.
17	33607GT	RELAY,OMRON,DPDT,12V Welder option	1
18	33608GT	RELAY,SOCKET,OMRON Welder option	1
19	30997GT	CORROSION INHIBITOR,FOAM	1
20	45385GT	PLUG,NYLON 1.12 BLACK DOMED	1
21	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	1
22	1253154GT	ASSY, TERM RAIL, S80/85 2013 (complete assembly)	1
22-	216791GT	TERMINAL BLOCK,WIELAND	
22-	33422GT	DIN RAIL,17"	
22-	216793GT	TERMINAL BLOCK END PLATE	
22-	74913GT	END STOP, DIN RAIL,SCREW CLAMP	2
22-	74917GT	JUMPER COMB, 2-WAY,WIELAND	3
23	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM	1
24	73717GT	CONN, RECEP, 4 WAY, DEUTSCH, DTP, FLANGE	1
24-	49820GT	SCREW,PHILLIPS,PHM,6-32 X .5	
25	73736GT	CONN,RECEP 48 WAY,4 X 12	1
26	73803GT	SCREW,SHM,PHP, #12 X .75	
27	49820GT	SCREW,PHILLIPS,PHM,6-32 X .5	
28	73754GT	CONN,RECEP 40 WAY,W/FLANGE	1
29	73753GT	CONN,RECEP 24 WAY,W/FLANGE	1
30	87755GT	CONN, RECEP, 8 WAY, DEUTSCH, DT, GRAY/FLANGE	1
31	6888GT	SCREW, HHC, 1/4-20 X 1	
32	6889GT	NUT,LP NYLOCK,1/4-20	
33	6638GT	WASHER, FLAT, USS, 1/4"Y	
34	1252684GT	SCREW,DP200 M3X10 4PACK Part of assembly 1251985	
35	219718GT	BRACKET,DP200 PANEL MOUNT Part of assembly 1251985	
36	89575GT	RESISTOR,7.5 OHM,25 WATT,1PCNT	1
37	27287GT	RESISTOR,10 OHM,25 WATT	1
38	40614GT	RESISTOR,5 OHM,25W***	1

303.1 Ground Control - Deutz TD2.9L4



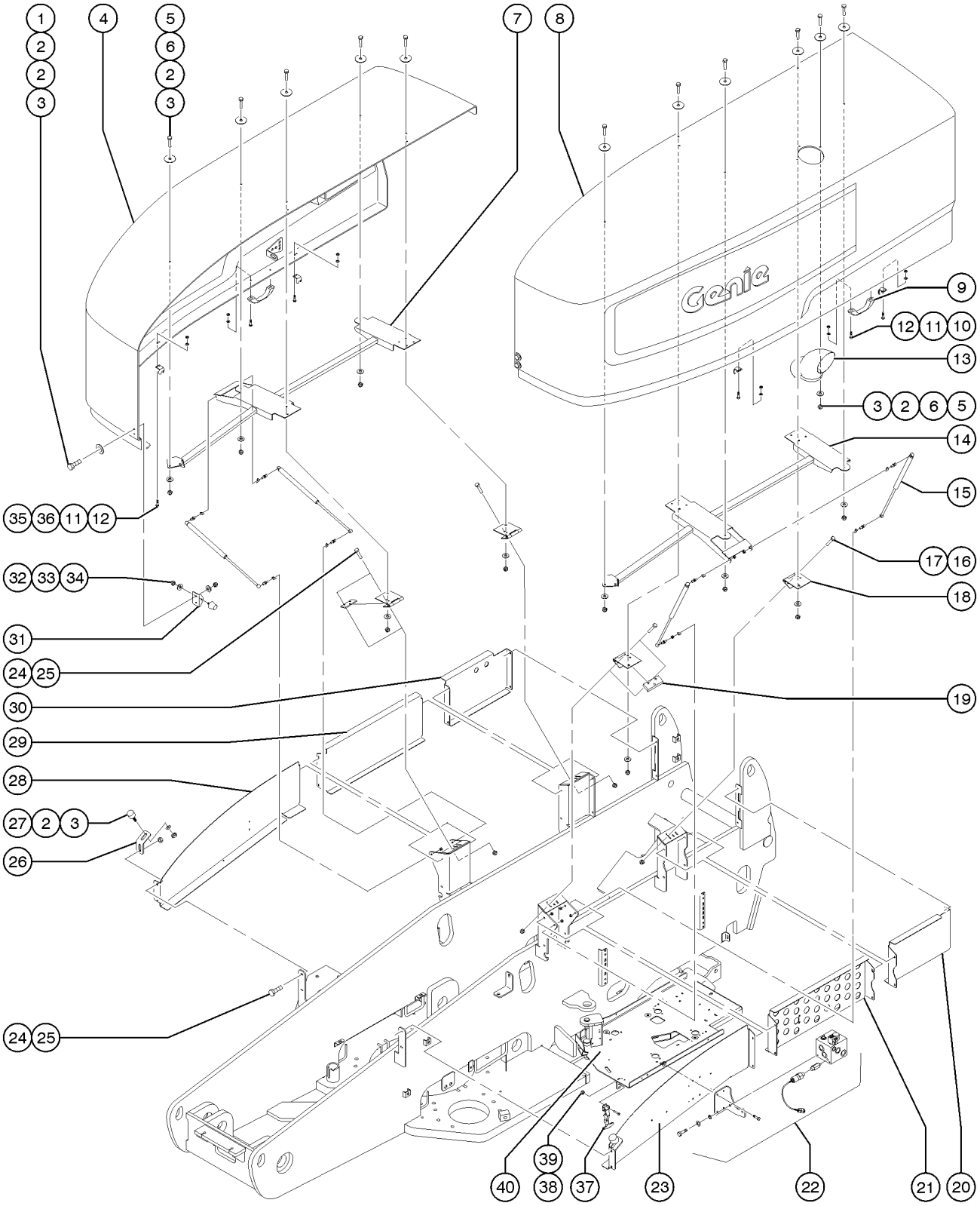
Item	Part No.	Description	Qty.
39	6356GT	WASHER, LOCK, .25	
40	1252685GT	GASKET,DP200 BLACK PANEL SEAL Part of assembly 1251985	1
41	1251984GT	ASSY,DISPLAY,DP200 DEUTZ T4 Including bracket part 219718, gasket part 1252685 and screws part 1252684	1
42	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Platform rotate switch	1
43	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	1
44	229567GT	PLUG,SANTOPRENE .5 BLACK DOME Gasoline/LPG models - Fuel select switch	1
45	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Engine start switch	1
46	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Turntable rotate switch	1
47	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT Function enable switch	1
48	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Platform level switch	1
49	229567GT	PLUG,SANTOPRENE .5 BLACK DOME Check engine light	1
50	229567GT	PLUG,SANTOPRENE .5 BLACK DOME (S-80 and S-80X models)	1
50-	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM (S-85 models)	
51	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM Emergency power switch	1
52	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD Red emergency stop button	1
53	88827GT	GASKET,KEYSWITCH,PLASTIC***	1
54	66813GT	BUTTON,PUSH,BLACK W/SEAL*** Function enable, (models with push button) shown	1
54-	80716GT	SWITCH,SELECTOR,BLACK Function enable, (models with selector switch) not shown	
55	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Boom up/down switch	1
56	824879GT	LIGHT,LED IND. RED 12V NH Machine malfunction indicator light	1
57	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Boom extend/retract switch	1
58	122994GT	NICKEL PLATED JAM NUT	1
59	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	1

304.1 Turntable Covers



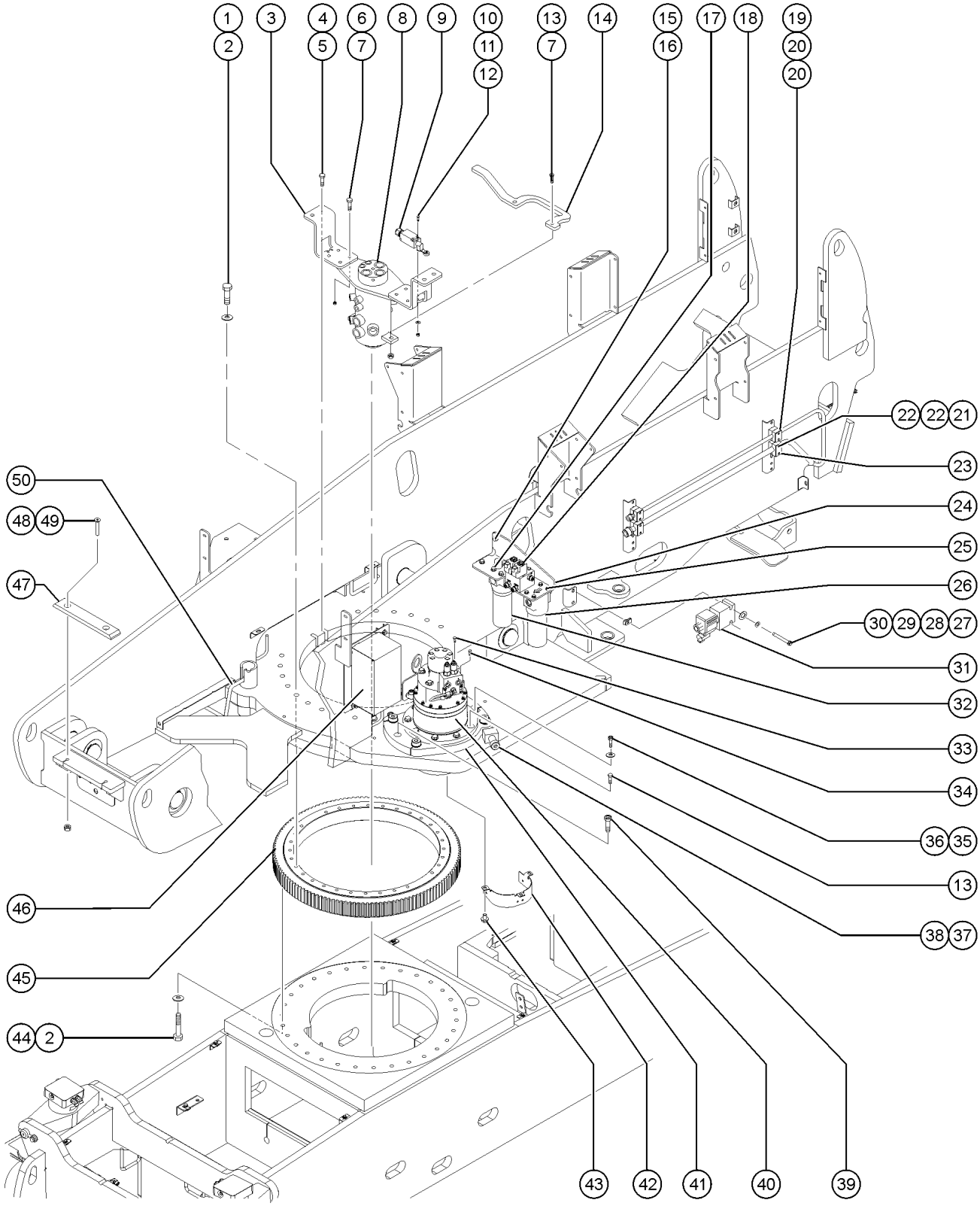
Item	Part No.	Description	Qty.
1	6090GT	SCREW, HHC, 1/4-20 X .75	
2	6638GT	WASHER, FLAT, USS, 1/4"Y	
3	6091GT	NUT, NYLOCK, 1/4-20	
4A	122380GT	TANK SIDE COVER W/ WORD DECALS from SN 9023	1
4B	122381GT	TANK SIDE COVER W/ SYM DECALS from SN 9023	1
5	8915GT	SCREW, HHC, 1/4-20 X 1.25	
6	12906GT	WASHER,FENDER,.25 X 1.25 X.062	
7	121015GT	WELDMENT,COVER SUPPORT,TANK SIDE	1
8A	122383GT	ENGINE SIDE CVR W/ WORD DECALS from SN 9023	1
8B	122384GT	ENGINE SIDE COVER W/ SYM DECALS from SN 9023	1
9	60884GT	HANDLE,GRAB	2
10	6606GT	SCREW,RHM,10-32 X .75	
11	6146GT	WASHER,FLAT,MS,#10,Y	
12	6178GT	NUT, NYLOCK, 10-32	
13	101964GT	WELDMENT,EXHAUST TUBE	1
14	121014GT	WELDMENT,COVER SUPPORT,ENGINE SIDE	1
15	28301GT	GAS STRUT,250 LBS FORCE***	4
15-	27377GT	RETAINER,GAS SPRING***	
15-	33555GT	BALL STUD**	
15-	6782GT	NUT, NYLOCK, 5/16-18	
16	121420GT	SCREW,HHF,1/4-20 X 1.00	
17	121421GT	NUT,FLG,1/4-20	
18	75073GT	HINGE,.375X.120THK.,SLOTTED	4
19	53707GT	HINGE SPACER	2
20	121415GT	FORMING, COVER, RIGHT FRONT	1
21	121416GT	FORMING, COVER, RIGHT CENTER	1
22		Ref., manifold Part of the welder option (refer to 815.1)	
23	121404GT	FORMING, BULKHEAD, RIGHT REAR	1

304.1 Turntable Covers



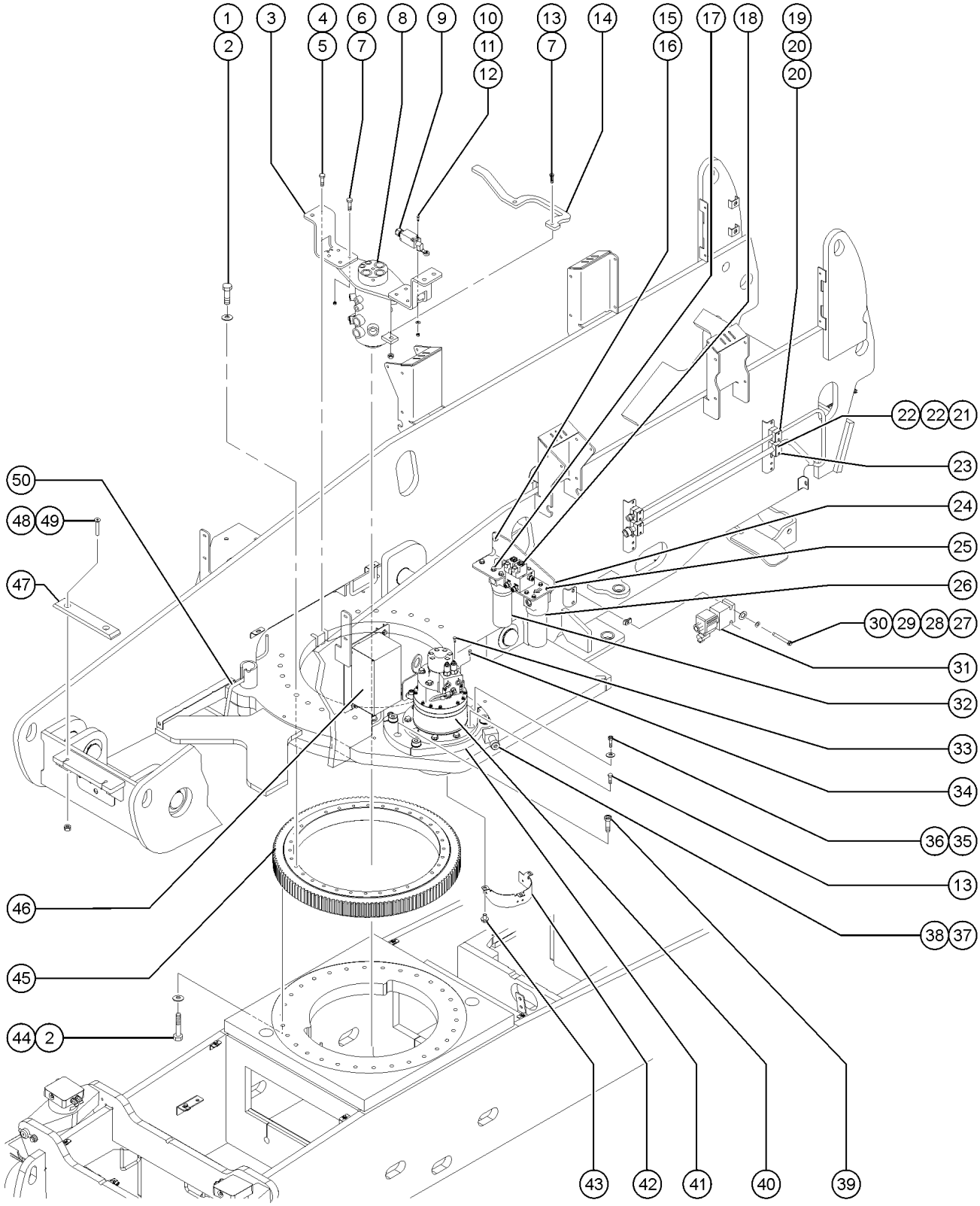
Item	Part No.	Description	Qty.
24	121419GT	SCREW,HHF,1/4-20 X .75	
25	121421GT	NUT,FLG,1/4-20	
26	121891GT	FORMING,COVER BUMP STOP	
27	111663GT	BUMPER,RUB,1.00DX.75X31-18X1.2	
28	121403GT	FORMING, BULKHEAD, LEFT REAR	1
29	111570GT	FORMING, COVER, REAR LEFT	1
30		FORMING, BULKHEAD, FRONT LEFT No longer available	1
31	88106PGT	FORMING,COVER STOP,PAINT	2
32	6782GT	NUT, NYLOCK, 5/16-18	
33	5397GT	WASHER, FLAT, USS, 5/16-18	
34	30973GT	BUMPER,RUBBER-1 X 1.25	2
35	75041GT	SCREW,PHILLIPS,PHM,10-32 X 1	1
36	75076GT	KEEPER,LATCH (45363)	4
37	45363GT	LATCH,FLEXIBLE	
38	6178GT	NUT, NYLOCK, 10-32	
39	75041GT	SCREW,PHILLIPS,PHM,10-32 X 1	
40		WELDMENT, ENGINE TRAY (refer to 416.1)	

305.1 Turntable Rotator and Hydraulic Rotary Coupler Install



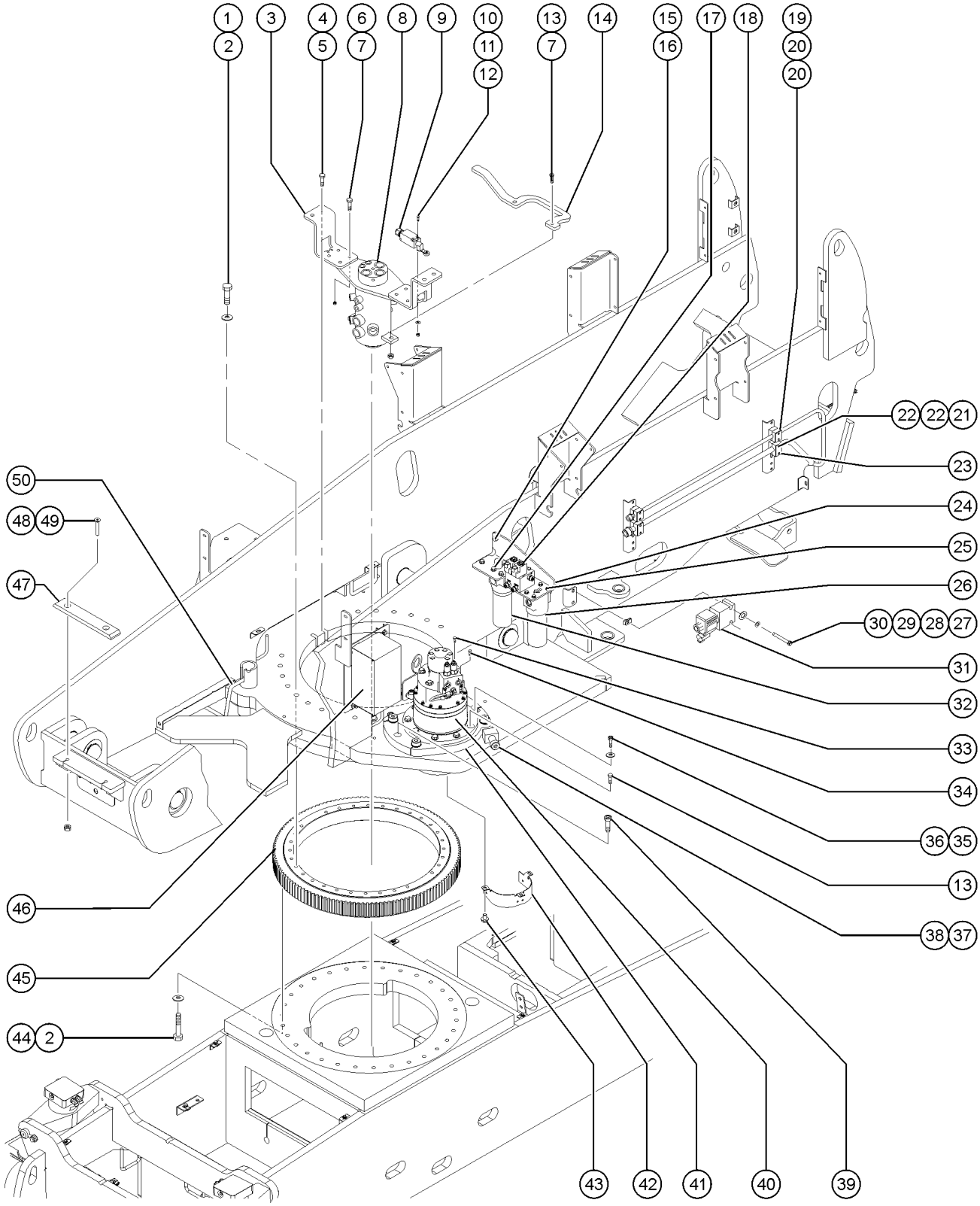
Item	Part No.	Description	Qty.
1	45495GT	SCREW,SHC,5/8-11 X 3.00,A574	22
2	13064GT	WASHER,FLAT,.625 HARDENED	40
3	60575PGT	BRACKET,HYD.ROTATOR MOUNT MNT	2
4	121079GT	SCREW,HHC,FLG,1/2-13 X 3.50	4
5	121423GT	NUT,FLG,1/2-13	4
6	122209GT	SCREW,HHF,3/8-16 X1.50	
7	121422GT	NUT,HEX,FLG,3/8-16	
8	89571GT	SWIVEL,HYD 8 PORT***	1
8-	94937GT	SEAL KIT,8-PORT SWIVEL	
8-	T106954GT	SEAL, O-RING LIP	
8-	T106955GT	SEAL, POLY, CHAMFER	
8-	T106957GT	SEAL, CAP, NOTCHED	
8-	T106961GT	SEAL, O-RING ENERGIZER	
8-	T106962GT	SEAL, CAP, NOTCHED	
9	121467GT	HARN,LS,DRIVE EN,S80/85 2008	1
10	49775GT	SCREW,PHILLIPS,PHM,10-32X 1.75	
11	6146GT	WASHER,FLAT,MS,#10,Y	
12	6178GT	NUT, NYLOCK, 10-32	
13	123162GT	FLGHCS,1/2-13X1.75,GR8,BLK,PH	
14	121311GT	FORMING,SWIVEL STOP	1
15	121066GT	SCREW,HHC,FLG,3/8-16 X 1 GR8	
16	100379GT	BLOCK, MAST SLIDER, GR20	1
17	75051GT	SCREW,SER FLNG3/8UNCX3/4ZNYEL	
18		Ref. MANIFOLD,BRAKE/2 SPD W/QD PLG (Refer to 702.1)	
19	121217GT	COVER PLATE,TUBE CLAMP #8	2
20	121219GT	CLAMP HALF,#8 TUBE	3
21	121216GT	COVER PLATE, TUBE CLAMP #12	
22	121218GT	CLAMP HALF,#12 TUBE	4

305.1 Turntable Rotator and Hydraulic Rotary Coupler Install



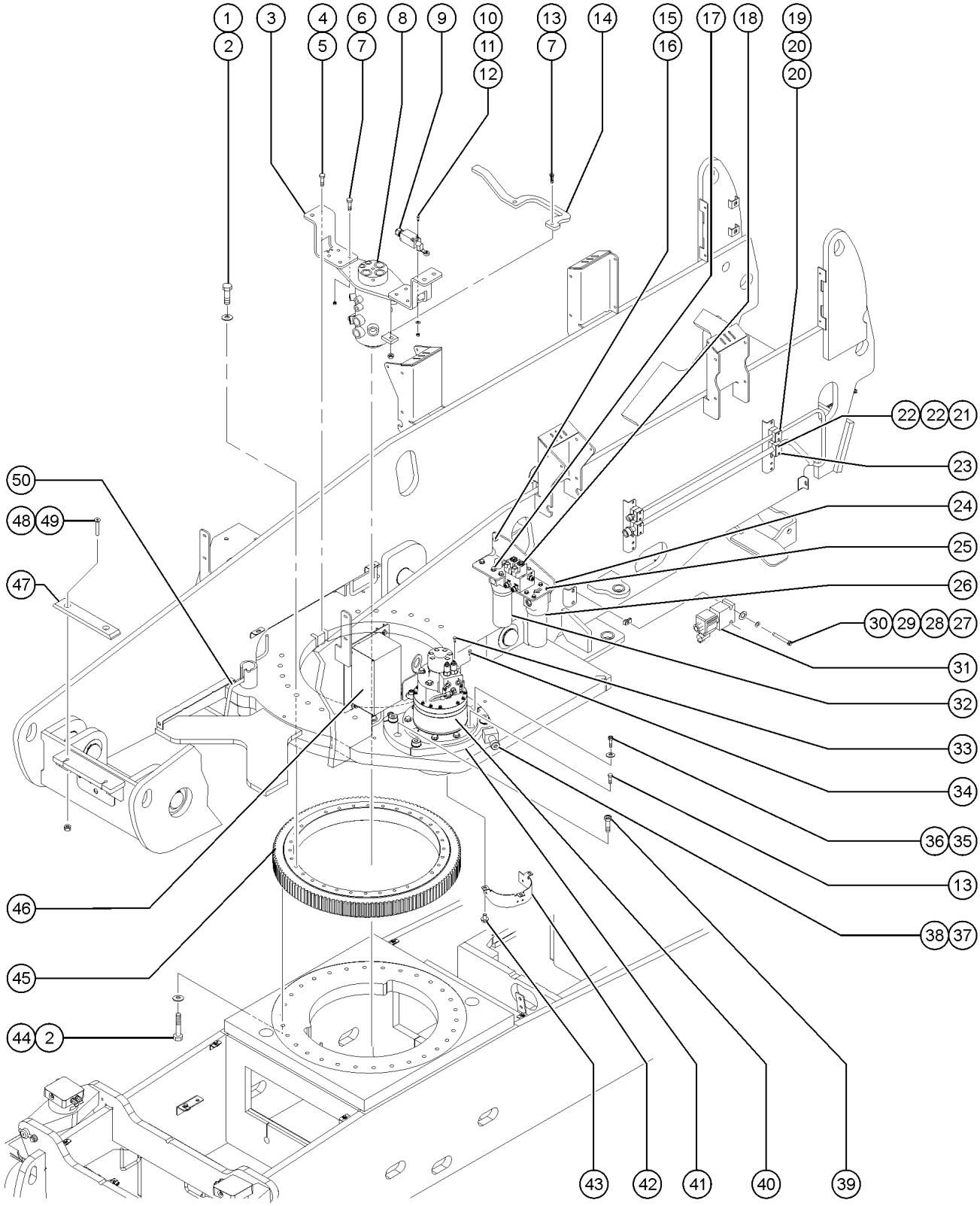
Item	Part No.	Description	Qty.
23	121067GT	SCREW,HHC,FLG,1/4-20 X 2.00	8
24	121336GT	FORMING, FILTER MOUNT	1
25	121419GT	SCREW,HHF,1/4-20 X .75	
26		FILTER ASY,M PRESS,SAE8,WOIND* (77139) component no longer available	1
26-	1267807GT	ASSEMBLY, MED. PRESS. FILTER, SAE8	
26-	60857GT	FILTER,ELEMENT,BETA(5)=1000 for 77139	
26-	58222GT	O-RING,FILTER ASSY (60334)***	
26-	58223GT	SEAL,FILTER ASSY (60334)***	
26-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS for 1267807	
27	4266GT	SCREW,HHC,1/4-20 X 2	2
28	6356GT	WASHER, LOCK, .25	2
29	6638GT	WASHER, FLAT, USS, 1/4"Y	2
30	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	2
31		Ref. VALVE,FUNCTION ENABLE (Refer to 703.1)	
32	60334GT	FILTER ASSY,HIGH PRESS SAE-12*	1
32-	60857GT	FILTER,ELEMENT,BETA(5)=1000	1
32-	58222GT	O-RING,FILTER ASSY (60334)***	
32-	58223GT	SEAL,FILTER ASSY (60334)***	
33	39882GT	PLUG, HEX SOCKET, 090109B-4 Use with swing drive 88921 (top plug)	
34	109802GT	PLUG,ORB #6 Use with swing drive 88921	
35	88212GT	SCREW,SHC,3/4-10 X 3.00,A574	5
36	33278GT	WASHER, FLAT, .75 HARDENED	5
37	61128GT	SCREW,HHC,3/4-10 X 4 FULL THRD	1
38	6126GT	NUT,HEX,JAM,3/4-10	1
39	60815GT	SCREW,SHS,3/4-10 X 1.5	1
40A	1255768GT	SWING DRIVE ASSEMBLY (Complete) SWING DRIVE ASSEMBLY 1255768 can be installed as a direct replacement of previous swing drives 139189 and 88921; from SN 12950	
40A-	1315824GT	BEARING/SEAL KIT (1255768)	
40A-	139308GT	SWING MOTOR COMPLETE*** (Used on swing drive 1255768); from SN 12950	

305.1 Turntable Rotator and Hydraulic Rotary Coupler Install



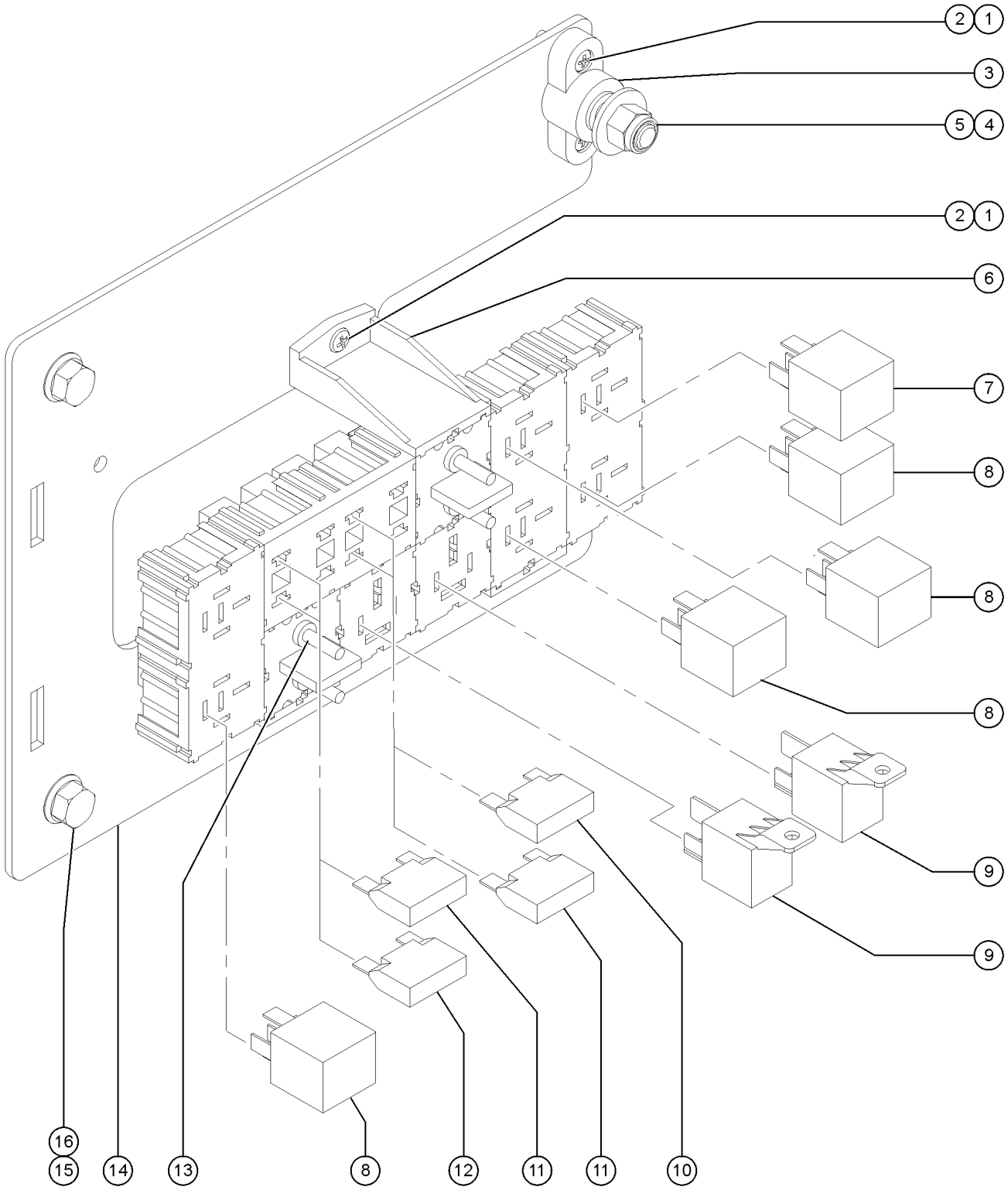
Item	Part No.	Description	Qty.
40A-	139309GT	CBV ASSEMBLY*** (Used on swing drive 1255768); from SN 12950	
40A-	139323GT	VALVE,COUNTERBAL,CBCA-LIN*** (Used on swing drive 1255768); from SN 12950	
40A-	139315GT	O-RING,MOTOR/BRAKE*** (Used on swing drive 1255768); from SN 12950	
40A-	58304GT	SHAFT,OUTPUT (Used on swing drive 1255768); from SN 12950	
40A-	1255769GT	SEAL KIT, SWING BRAKE (Used on swing drive 1255768); from SN 12950	
40A-	1255770GT	KIT, FRICTION DISC (Used on swing drive 1255768); from SN 12950	
40A-	1255771GT	KIT, BRAKE SPRING (Used on swing drive 1255768); from SN 12950	
40A-	1255772GT	KIT, SWING BRAKE REBUILD (Used on swing drive 1255768); from SN 12950	
40A-	1255773GT	BRAKE TUBING (Used on swing drive 1255768); from SN 12950	
40B		Ref. SWING DRIVE ASSEMBLY Previous SWING DRIVE ASSEMBLY 139189 is no longer available, order complete assembly 1255768 for first time replacement; from SN 8238 to 12949	
40B-	139308GT	SWING MOTOR COMPLETE*** (Used on swing drive 139189); from SN 8238 to 12949	
40B-	139309GT	CBV ASSEMBLY*** (Used on swing drive 139189); from SN 8238 to 12949	
40B-	139323GT	VALVE,COUNTERBAL,CBCA-LIN*** (Used on swing drive 139189); from SN 8238 to 12949	
40B-	139315GT	O-RING,MOTOR/BRAKE*** (Used on swing drive 139189); from SN 8238 to 12949	
40B-	58304GT	SHAFT,OUTPUT (Used on swing drive 139189); from SN 8238 to 12949	
40B-	139310GT	BRAKE TUBING*** (Used on swing drive 139189); from SN 8238 to 12949	
40B-	139311GT	KIT,FRICTION DISC*** (Used on swing drive 139189); from SN 8238 to 12949	
40B-	139312GT	KIT,BRAKE SPRING*** (Used on swing drive 139189); from SN 8238 to 12949	
40B-	139313GT	SEAL KIT,SWING BRAKE*** (Used on swing drive 139189); from SN 8238 to 12949	
40B-	139314GT	KIT,SWING BRAKE REBUILD*** (Used on swing drive 139189); from SN 8238 to 12949	
40B-	94620GT	SEAL KIT,SWING TORQ HUB*** (Used on swing drive 139189); from SN 8238 to 12949	
40B-	58596GT	BEARING KIT,OUTER (88921) (Used on swing drive 139189); from SN 8238 to 12949	
40B-	58597GT	BEARING KIT,INNER (88921) (Used on swing drive 139189); from SN 8238 to 12949	
40B-	41489GT	SCREW,SHC,5/16-18 X 2,PLATED Manifold to motor	
40B-	6886GT	WASHER,LOCK,.313 Manifold to motor	
40C		Ref. SWING DRIVE ASSEMBLY Previous SWING DRIVE ASSEMBLY 88921 is no longer available, order complete assembly 1255768 for first time replacement; to SN 8237	
40C-	58304GT	SHAFT,OUTPUT Use with swing drive 88921; to SN 8237	

305.1 Turntable Rotator and Hydraulic Rotary Coupler Install



Item	Part No.	Description	Qty.
40C-	58596GT	BEARING KIT,OUTER (88921) Use with swing drive 88921; to SN 8237	
40C-	58597GT	BEARING KIT,INNER (88921) Use with swing drive 88921; to SN 8237	
40C-	94620GT	SEAL KIT,SWING TORQ HUB*** Use with swing drive 88921; to SN 8237	
40C-	94623GT	KIT,FRICTION DISC Use with swing drive 88921; to SN 8237	
40C-	94624GT	KIT,BRAKE SPRING Use with swing drive 88921; to SN 8237	
40C-	58387GT	O-RING,MOTOR/BRAKE (88921)*** Use with swing drive 88921; to SN 8237	
40C-	94622GT	BRAKE PORT HARDLINE Use with swing drive 88921; to SN 8237	
40C-	94625GT	SEAL KIT,SWING BRAKE Use with swing drive 88921; to SN 8237	
40C-	94626GT	KIT,SWING BRAKE REBUILD Use with swing drive 88921; to SN 8237	
40C-	94621GT	SWING MOTOR,COMPLETE*** Use with swing drive 88921; to SN 8237	
40C-	65616GT	SEAL KIT PWR WHL MOTOR Use with swing drive 88921; to SN 8237	
40C-	81366GT	MANIFOLD,SWING CB & BRAKE Use with swing drive 88921; to SN 8237	
40C-	83009GT	VALVE,COUNTERBALANCE(81366)*** Use with swing drive 88921; to SN 8237	
40C-	45483GT	VALVE,SHUTTLE*** Use with swing drive 88921; to SN 8237	
40C-	41489GT	SCREW,SHC,5/16-18 X 2,PLATED Manifold to motor	
40C-	6886GT	WASHER,LOCK,.313 Manifold to motor	
41	121393GT	MACHINED BACKLASH	1
42	81986PGT	COVER,ROTATION GEAR PAINTED	1
43	123163GT	FLGHCS,1/2-13X.75,GR5,BLK PH	3
44	20654GT	SCREW,SHC,5/8-11 X 3.50,A574	18
45	50035GT	BEARING,TURNTABLE	1
45-	227785GT	BEARING TURNTABLE SEAL***	
46	122382GT	RELAY COVER W/WORD DECALS	1
46-	1314444GT	FORMING, RELAY BLOCK COVER, PNTD (Symbol units)	
47	41549GT	PAD,BOOM REST	1
48	35714GT	SCREW,FHS,3/8-16 X 2.25	
49	6097GT	WASHER, FLAT, USS, 3/8", Y	
50	121353GT	WELDMENT, TRANSPORT LOCK	1

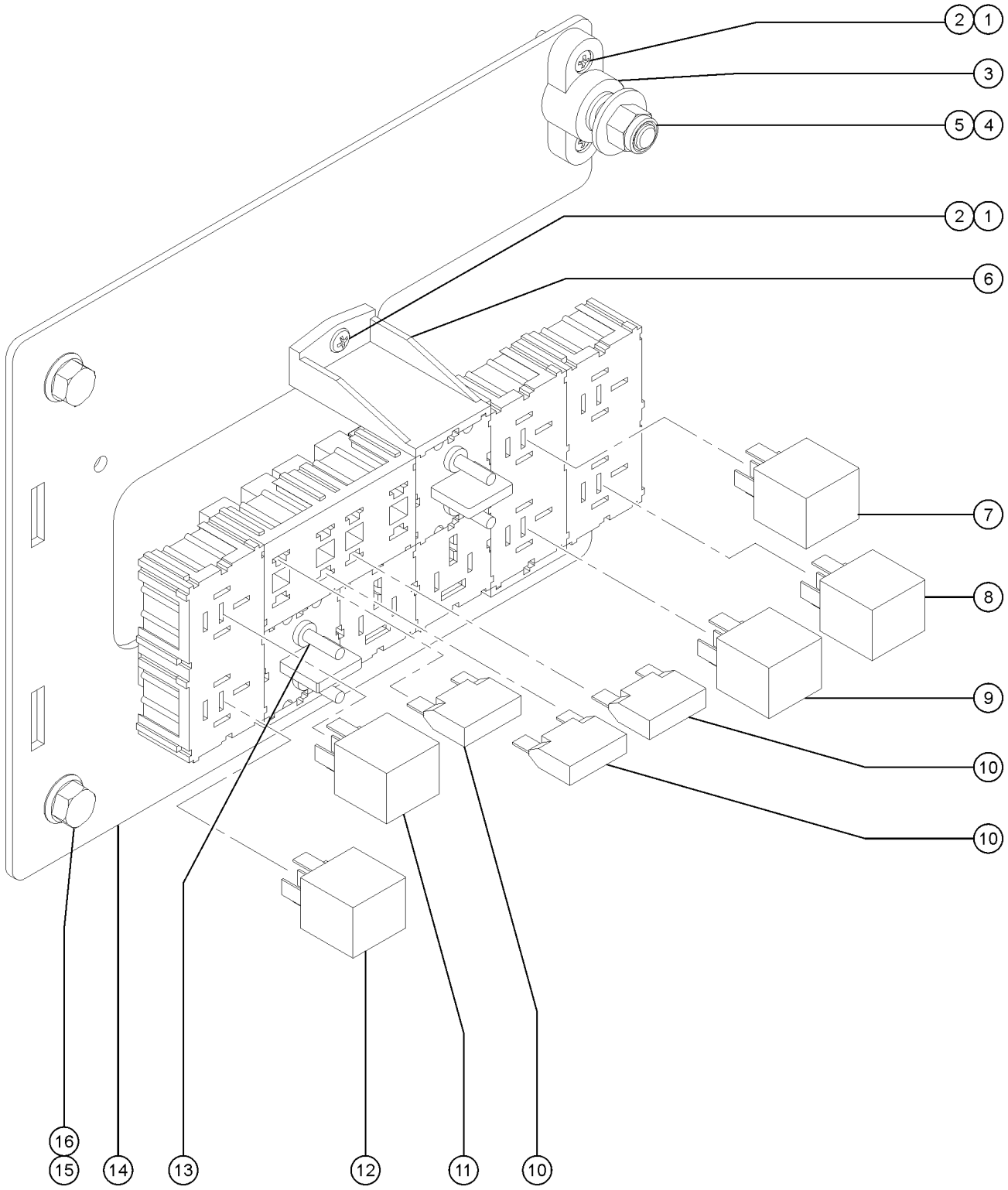
306.1 Turntable Components - Relay Panel, Diesel Models



306.1 Turntable Components - Relay Panel, Diesel Models

Item	Part No.	Description	Qty.
A-	88159GT	LOCK,WEDGE,RLY 9.5MM	
1	6178GT	NUT, NYLOCK, 10-32	
2	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	
3	94982GT	STANDOFF, 3/8" BLACK	1
4	6097GT	WASHER, FLAT, USS, 3/8", Y	
5	4828GT	NUT, NYLOCK, 3/8-16	
6	88160GT	BRACKET,LEG,RLY BLOCK	3
7	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN** (Perkins models)	1
8	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN**	4
8-	88167GT	CONN,DUAL RLY MODULE,10 POS	
9	61225GT	RELAY,12VDC,70AMP,SEALED	2
9-	88162GT	CONN,POWER RLY MODULE,4POS	
10	101340GT	FUSE,60 AMP,MAXI	1
10-	88164GT	CONN MAXI FUSE MODULE,4POS	
11	94327GT	FUSE,30 AMP	2
11-	88164GT	CONN MAXI FUSE MODULE,4POS	
12	128978GT	CIRCUIT BREAKER TYPE 2, 10AMP (Perkins models)	1
12-	60536GT	FUSE,20 AMP,MAXI (Deutz models)	
12-	88164GT	CONN MAXI FUSE MODULE,4POS	
13	106051GT	CONN,FEED THRU STUD	2
13-	88164GT	CONN MAXI FUSE MODULE,4POS	
14	111602GT	PLATE, RELAY BLOCK MOUNT	1
15	75051GT	SCREW,SER FLNG3/8UNCX3/4ZNYEL	4
16	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	3

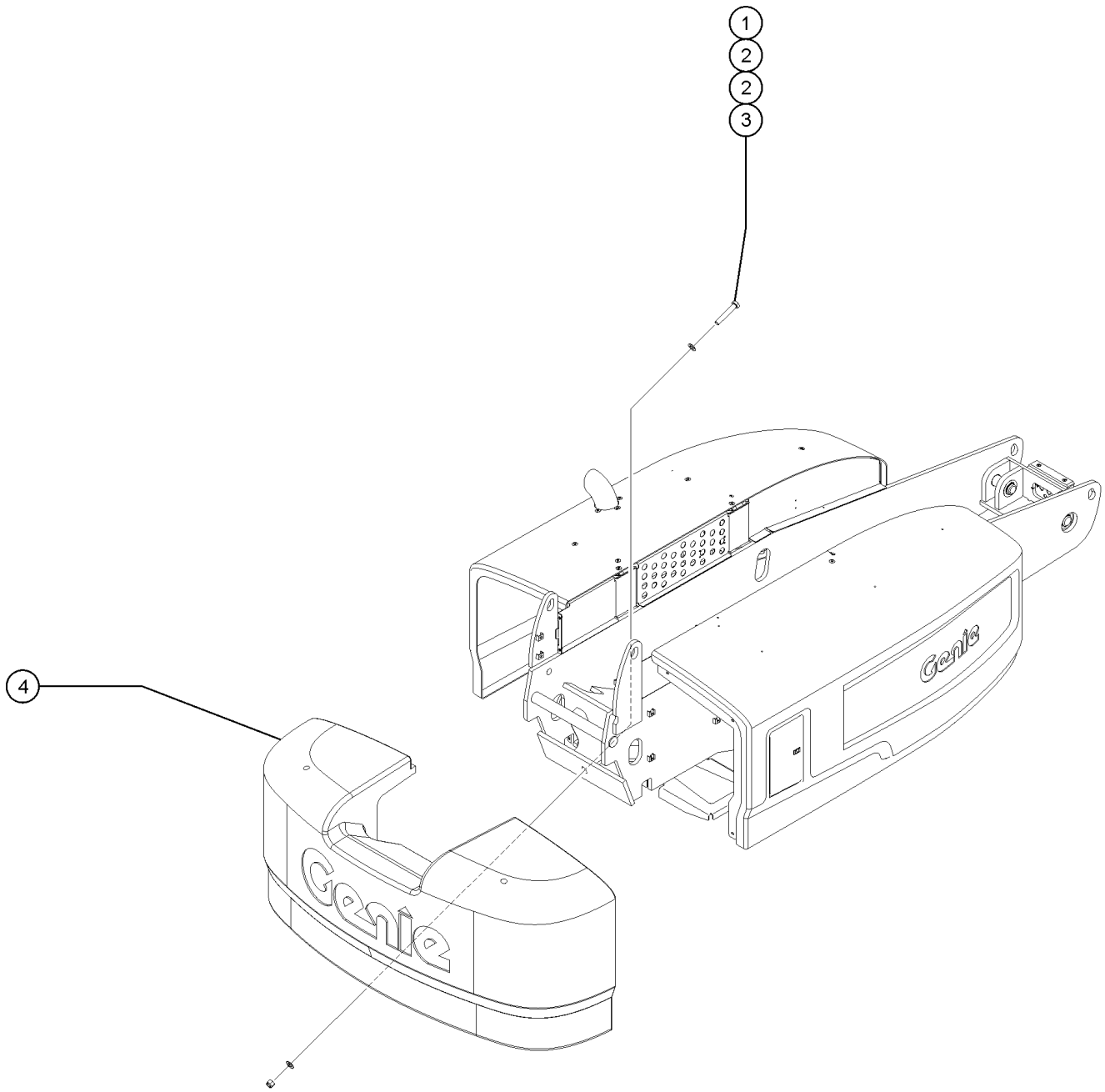
306.2 Turntable Components - Relay Panel, Deutz TD 2.9L4



306.2 Turntable Components - Relay Panel, Deutz TD 2.9L4

Item	Part No.	Description	Qty.
A-	88159GT	LOCK,WEDGE,RLY 9.5MM	
1	6178GT	NUT, NYLOCK, 10-32	
2	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	
3	94982GT	STANDOFF, 3/8" BLACK	1
4	6097GT	WASHER, FLAT, USS, 3/8", Y	
5	4828GT	NUT, NYLOCK, 3/8-16	
6	88160GT	BRACKET,LEG,RLY BLOCK	3
7	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN** CR2 (ENG/IGN RLY)	1
8	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN** CR6 (FUEL PUMP RLY)	
9	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN** CR39 (VDROP RLY)	
10	60536GT	FUSE,20 AMP,MAXI	3
10-	88164GT	CONN MAXI FUSE MODULE,4POS	
11	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN** CR17 (OIL COOL RLY, OPTION)	1
12	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN** CR5 (HORN RLY)	1
13	106051GT	CONN,FEED THRU STUD	2
13-	88164GT	CONN MAXI FUSE MODULE,4POS	
14	111602GT	PLATE, RELAY BLOCK MOUNT	1
15	75051GT	SCREW,SER FLNG3/8UNCX3/4ZNYEL	4
16	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	3

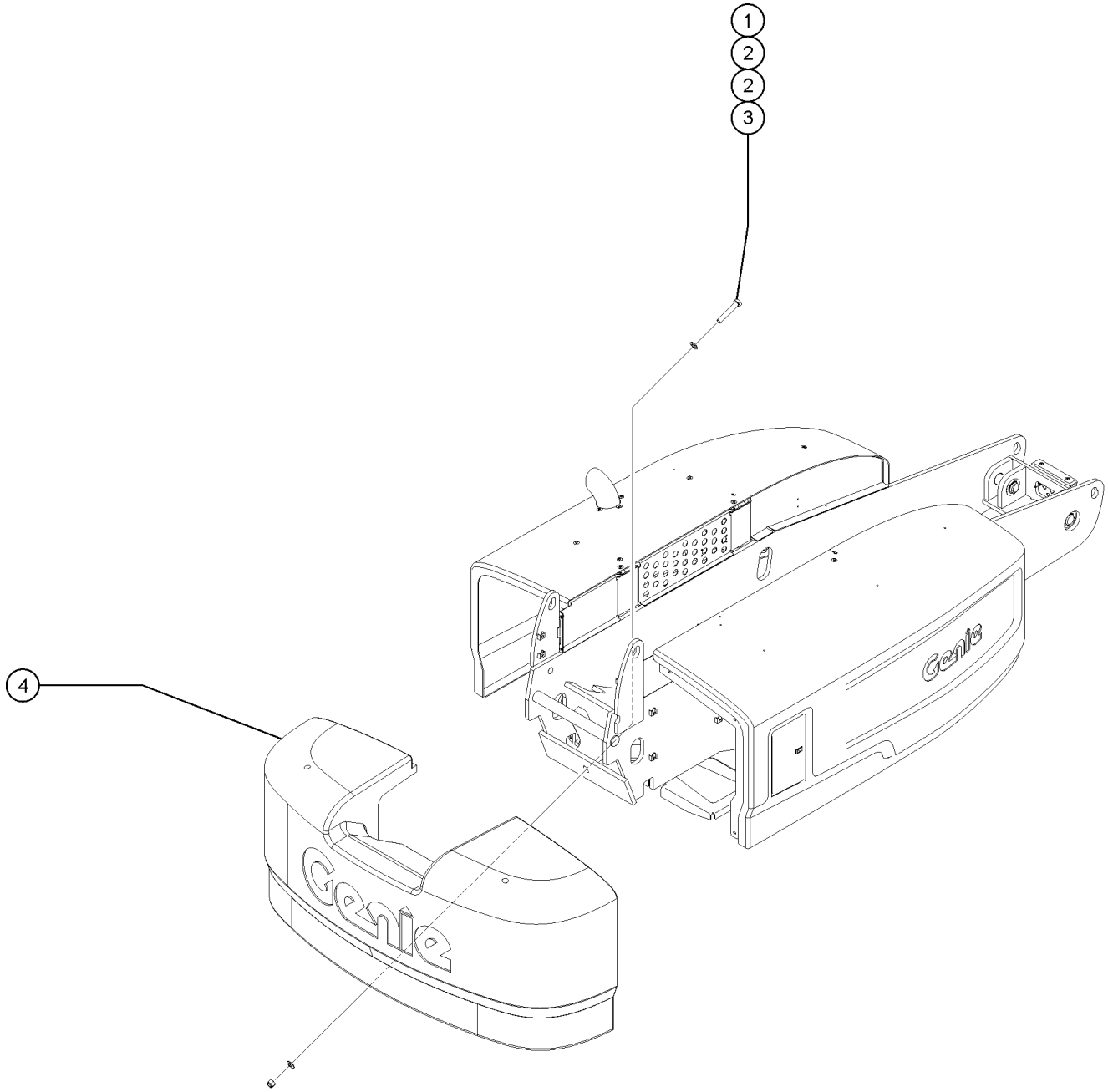
307.1 Turntable Counterweight, S-80X and S-80



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

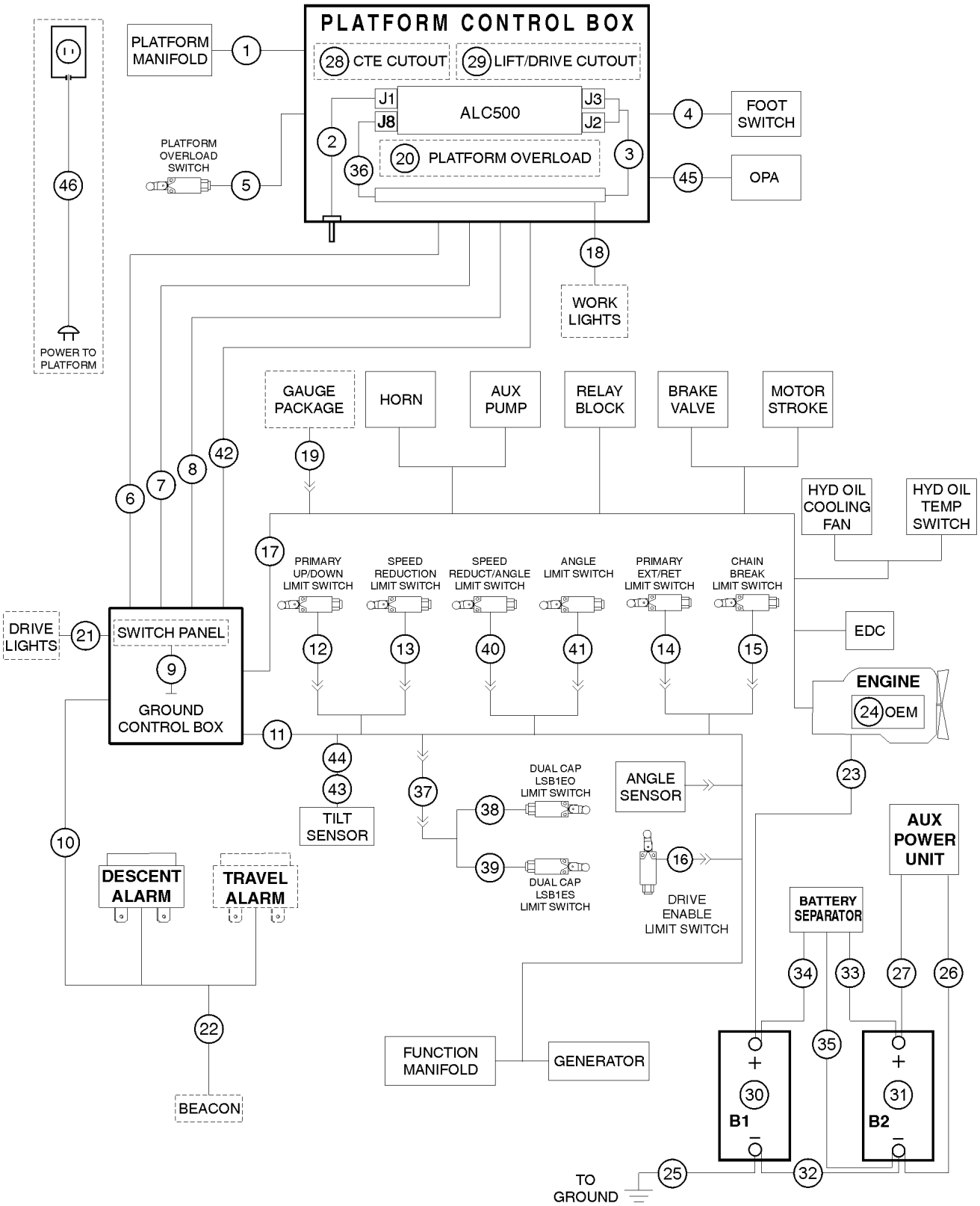
Item	*Part No.*	*Description*	*Qty.*
1	1256466GT	SCREW,HHC,1-8X6.5,8,ZAG	
2	824116GT	WASHER, FLAT, F436, 1.0, ZAG	2
3	826794GT	NUT,TL,1-8,C,ZAGRING	
4	121232GT	COUNTERWEIGHT,S80 10,750 lbs	1

308.1 Turntable Counterweight, S-85



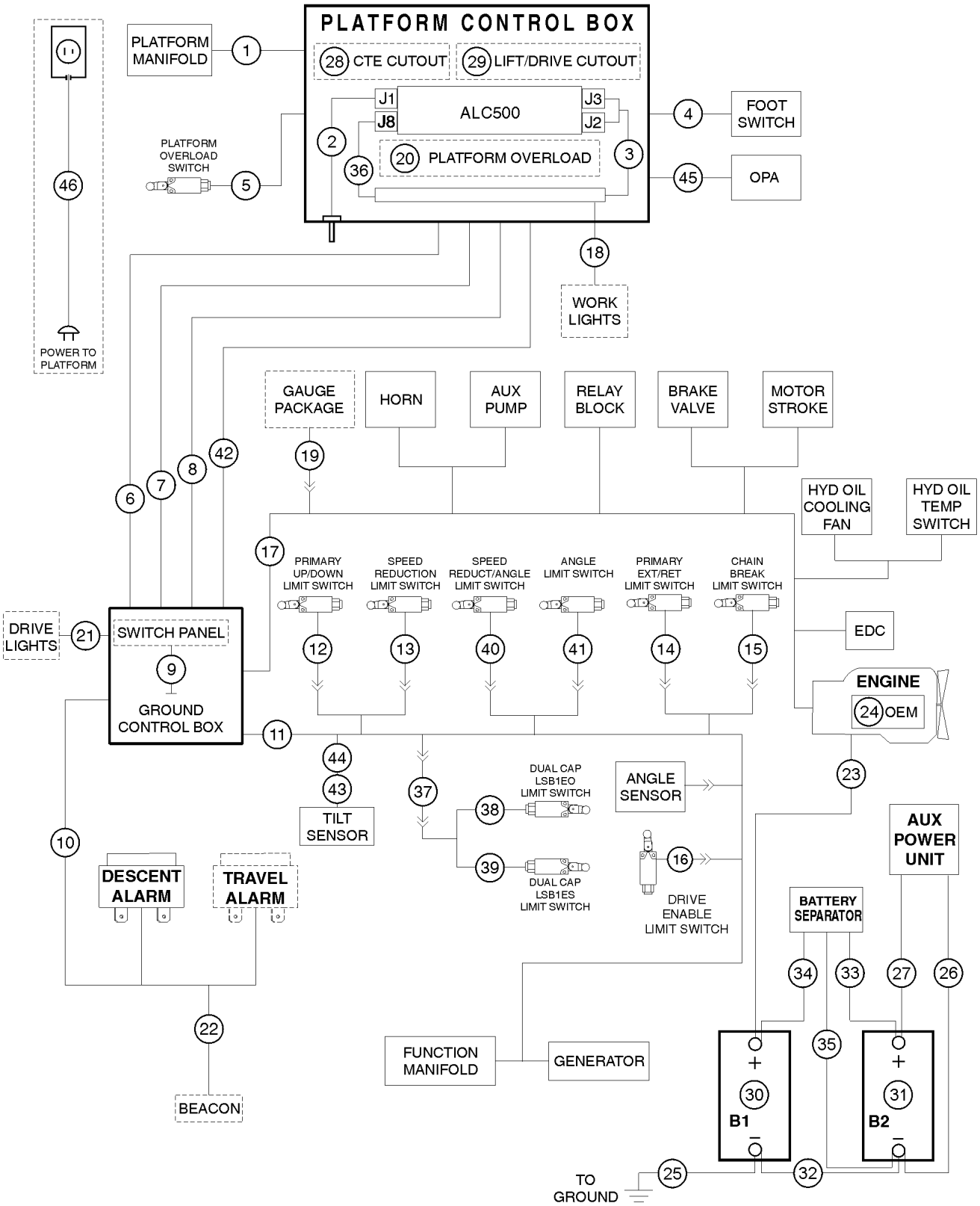
Item	*Part No.*	*Description*	*Qty.*
1	1256466GT	SCREW,HHC,1-8X6.5,8,ZAG	
2	824116GT	WASHER, FLAT, F436, 1.0, ZAG	2
3	826794GT	NUT,TL,1-8,C,ZAGRING	
4	121233GT	COUNTERWEIGHT,S85 13,000 lbs	1

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



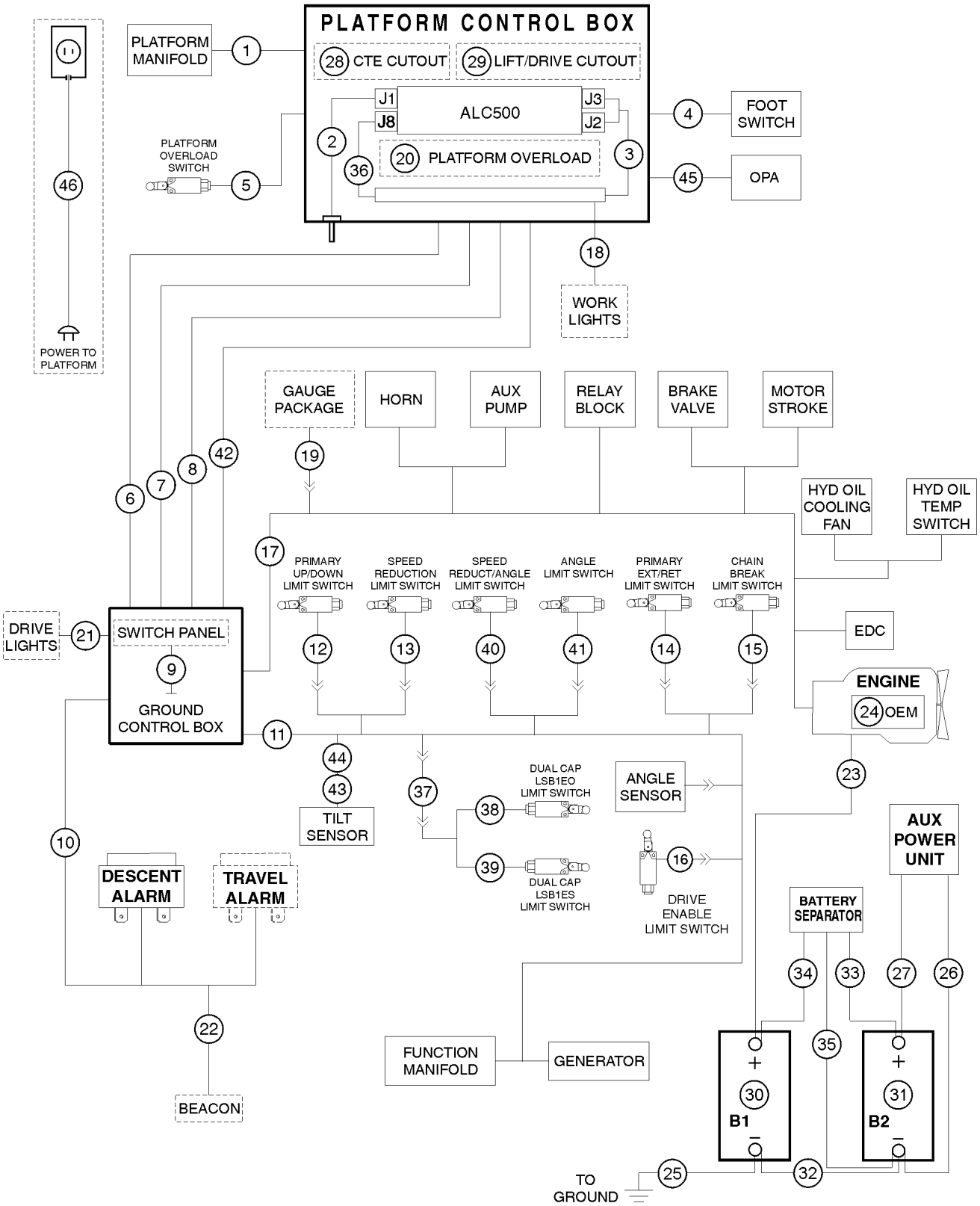
Item	Part No.	Description	Qty.
B	1264822GT	KIT, TRC RETROFIT, STNDRD Telematics (includes 1264834)	
B-	1264834GT	INSTRN, TRC RETROFIT, STNDRD	
1	121726GT	HARN,PLAT MANIFOLD,S80	1
2A	121840GT	HARNESS,SERV,S80-2008 PBOX J1 Excluding (Deutz TD 2.9L4 models)	1
2B	826938GT	HARN, PBOX, DEUTZ 2.9T, S80 (Deutz TD 2.9L4 models); J2 and J3 harnesses are part of this harness	1
3A	121841GT	HARNESS,SERV,S80-2008 PBOX J2 Excluding (Deutz TD 2.9L4 models)	1
3B	121842GT	HARNESS,SERV,S80-2008 PBOX J3 Excluding (Deutz TD 2.9L4 models)	1
4	227516GT	ASSEMBLY,FOOT SWITCH	1
5	121848GT	ASSY,LS,LOAD SENSE,38.5 IN	1
6	121732GT	HARNESS,16/22 BOOM 1,S80-2008 (Green - Brown)	1
7	121477GT	HARNESS,18/22 BOOM 2,S80-2008 (Grey - Black)	1
8	121478GT	HARNESS,12V TO PLAT,S80-2008	1
9A	1253141GT	HARN,GBOX,DEUTZ,S80/85 Deutz TD2011L04i models	1
9B	826937GT	HARN, GBOX, DEUTZ 2.9T, S80 Deutz TD 2.9L4 models	1
9C	1253210GT	CRKT BRKR, THERM, AUTO RESET, 6A (used with harness 1253141, 1253142, 1280714, or 1280716)	1
10	121753GT	HARNESS,ALARM/BEACON,S80 2008	1
10-	121614GT	DESCENT ALARM,S80/85 2008 (alarm 45462GT)	1
10-		Ref. Travel Alarm (refer to 801.1)	
11	147450GT	HARN,FUNCT MANIFOLD,S80/85	1
12	121469GT	HARN,LS,BOOM ANGLE S80/85 2008	1
12-	110771-141C7GT	LIMIT SW.TAB,BLUE METAL	
13	121499GT	HARN,LS,SPD REDUCT S80.85 2008	1
13-	110771-121C7GT	LIMIT SW,TAB,BLUE METAL	
14	121466GT	HARNESS,LS,BOOM RET S80/85	1
14-	88356-32163GT	SWITCH,LIMIT,TABULATED,BLUE	
15	121468GT	HARNESS,LS,CHAIN BREAK S80/85	1
15-	88356-13107GT	SWITCH,LIMIT,TABULATE,BLUE	
16	121467GT	HARN,LS,DRIVE EN,S80/85 2008	1

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



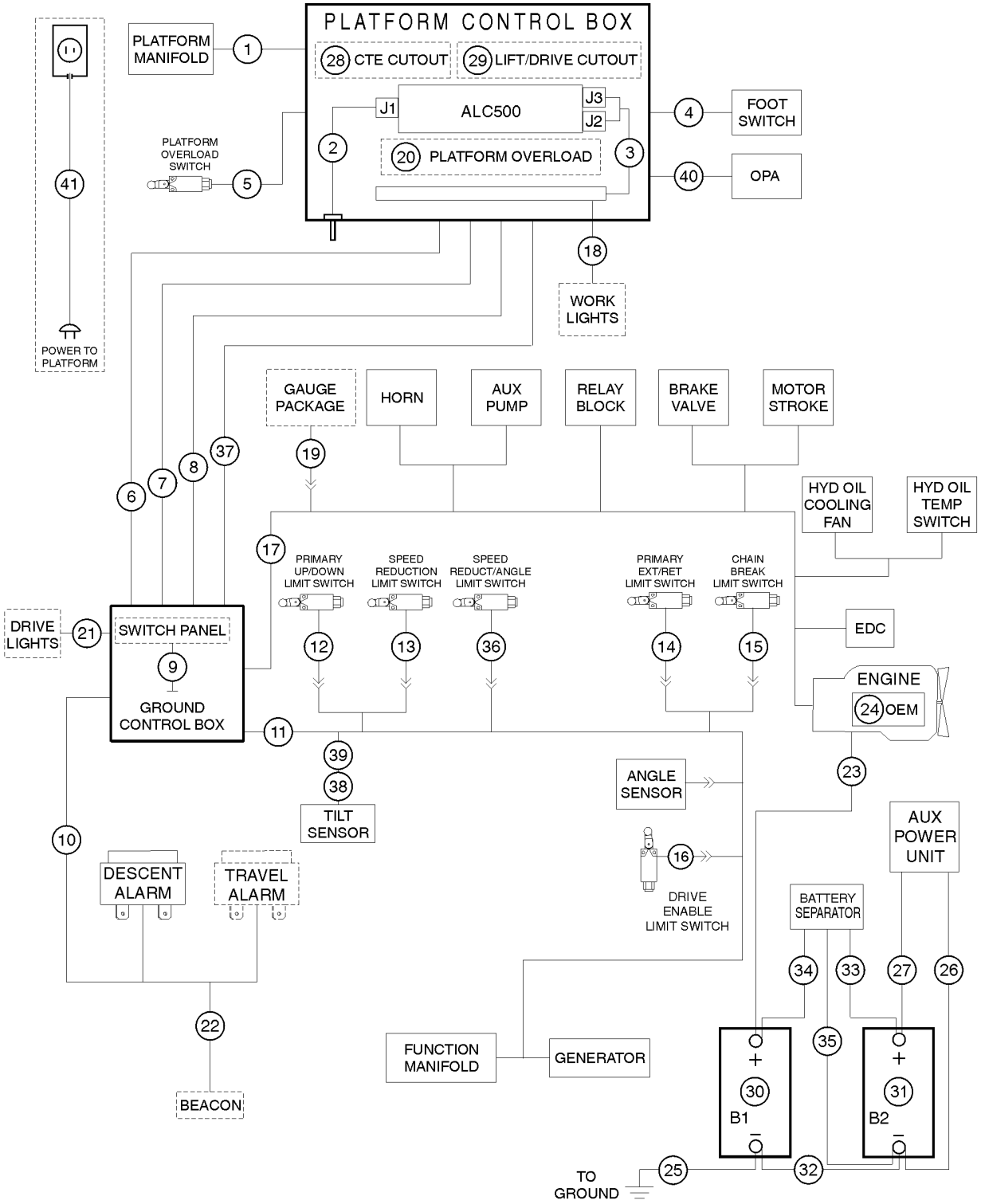
Item	Part No.	Description	Qty.
16-	88356-33103GT	SWITCH,LIMIT TABULATED,BLUE	
17A	216760GT	HARNESS, DEUTZ 2008 (Deutz TD2011L04i models)	1
17B	824585GT	HARN, ENG, TIER IV DEUTZ, S80 (Deutz TD 2.9L4 models)	1
18A	13097GT	FUSE,10 AMP Use with harness item 147406	1
18B	T115760GT	HARNESS,12V WORK LIGHTS	1
19	121492GT	HARNESS,GAUGE OPT. S80/85	1
20A	121836GT	HARNESS,LOAD SENSE,2008 to SN S85-110	1
20A-	121843GT	RESISTOR,4.7K OHM,25 WATT	
20B	219490GT	HARNESS,LS W/RECOVERY from SN S85-111	
21	121447GT	HARNESS,DRV LIGHTS,S80/85 2008	1
22	121489GT	HARNESS,BEACON,S80/85 2008	1
23	121474GT	BATTERY CABLE,2/0,POS,RD,123"	
24A	122250GT	HARNESS,TME27 ENGINE,EPA2007	1
24B	122399GT	HARNESS, TD2011L04I, DEUTZ Deutz models	
25A	121747GT	BATTERY CABLE,NEG BK 116" to SN 9995	1
25B	217370GT	CABLE,BATTERY NEG,BK from SN 9996	1
26	121619GT	HARNESS,BATT2 TO APU(+),S80	1
27	121622GT	HARNESS,BATT2 TO APU(-),S80	1
28	121521GT	OPT,CTE CUTOUT,S80/85 2008	1
29A	121461GT	HARNESS,LFT/DRV CUTOUT,S80/85 to SN S85-110	1
29B	1258701GT	HARNESS,CE OPTION,S80/85 from SN S85-111	1
30	1303581GT	BATTERY, 12V, 950CCA, FLA	
31	77694GT	BATTERY,12V DEEP CYC 5/16"STUD	
32	106555GT	HARNESS,GND BATT 1 TO BATT 2	
33	121618GT	HARNESS,BATT2 TO SEPERATOR,S80	
34	121617GT	HARNESS,BATT1 TO SEPERATOR,S80	
35	121621GT	HARNESS,SEPERATOR GND,S80	
36A	147622GT	HARN,PBOX,DUAL CAP S-80X only, from SN 8500 to 12263	

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



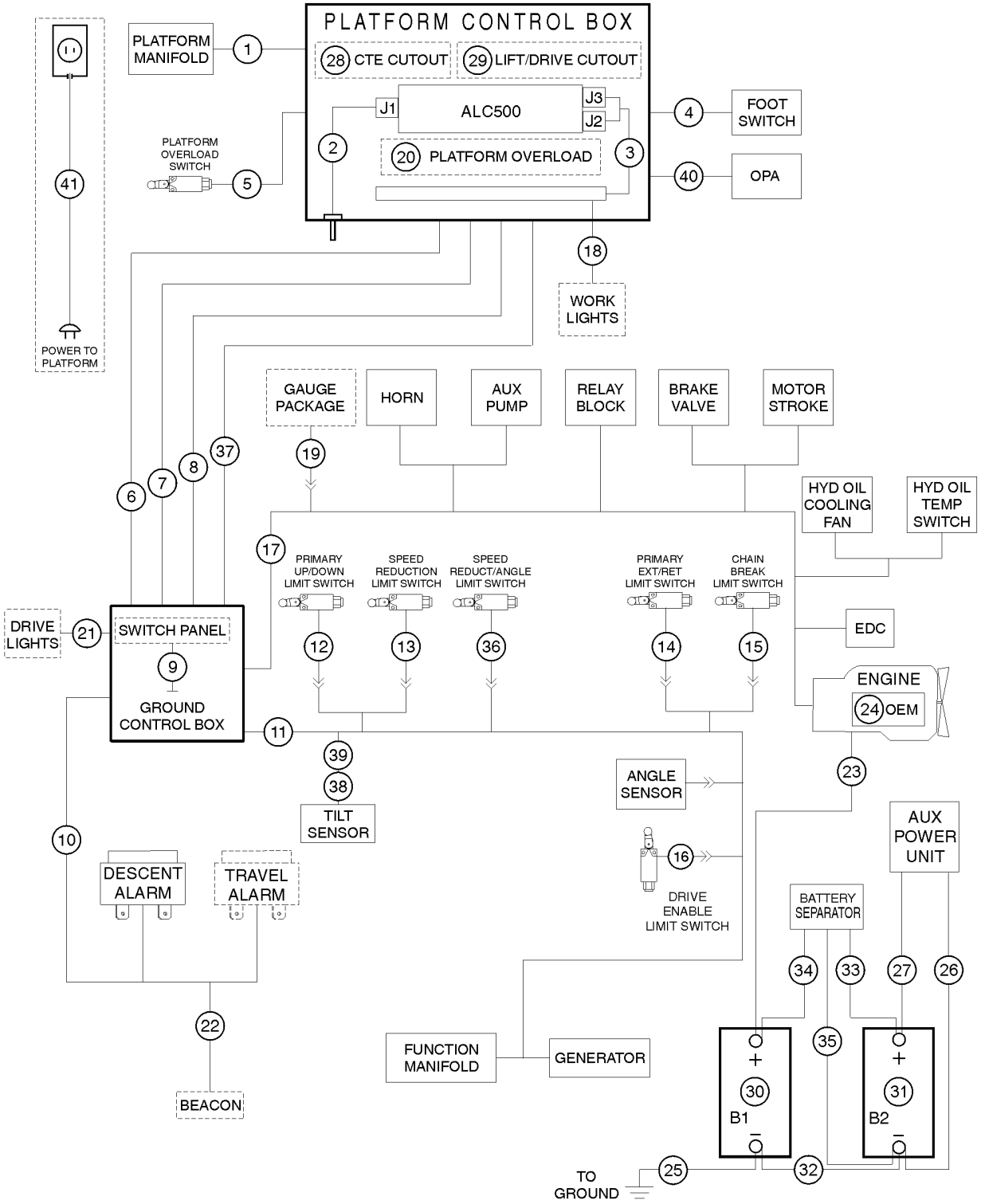
Item	Part No.	Description	Qty.
36B	1259219GT	HARNESS,PBOX,DUAL CAP,S80X S-80X only, from SN 12264	
37	147653GT	HARN, LS CABLE,S80 DUAL CAP S-80X only	
38	T106478GT	HARN,LS OP PRI.DUAL CAP S-80X only	1
39	T106479GT	HARN,LS SAFETY,PRI.DUAL CAP S-80X only	1
40	T107193GT	HARN,LS OP PRI VEL LST3O	
40-	110771-13107GT	SWITCH,LIMIT,W/RLLR ARM,NO/NC	
41	T107194GT	HARN,LS SAFETY PRI VEL LST3S S-80X only	
41-	110771-11117GT	SWITCH,LIMIT,W/RLLR ARM,NO/NC S-80X only	
42	229357GT	HARNESS, LIGHT PACKAGE, S80	
43	1264947GT	KIT, LEVEL SENSOR, 6 PIN CONN For ANSI/CSA models with 6-pin wire harness connector, includes instructions	
44	1260218GT	HARNESS,TILT ALARM,12V for CSA models only	
44-	1285811GT	KIT,TILT ALARM,IC MODELS from 12270	
44-	1285689GT	INSTRUCTIONS,INSTALL (LEVEL SENSOR ALARM) for kit 1285811	
45A	1255555GT	HARN,PBOX,OPA,HW,12V (to January 2017)	1
45C	1278108GT	HARNESS, CONTACT ALARM, S40,S60,S80 (from January 2017)	1
45B	1255030GT	PLUG,BLANKING	1
46	30794GT	WIRE,12/3 SJEOW,BK-WH-GR/YL Power to platform cable option	12 12 in ch es

310.1 Wire Harness Diagram, S-85



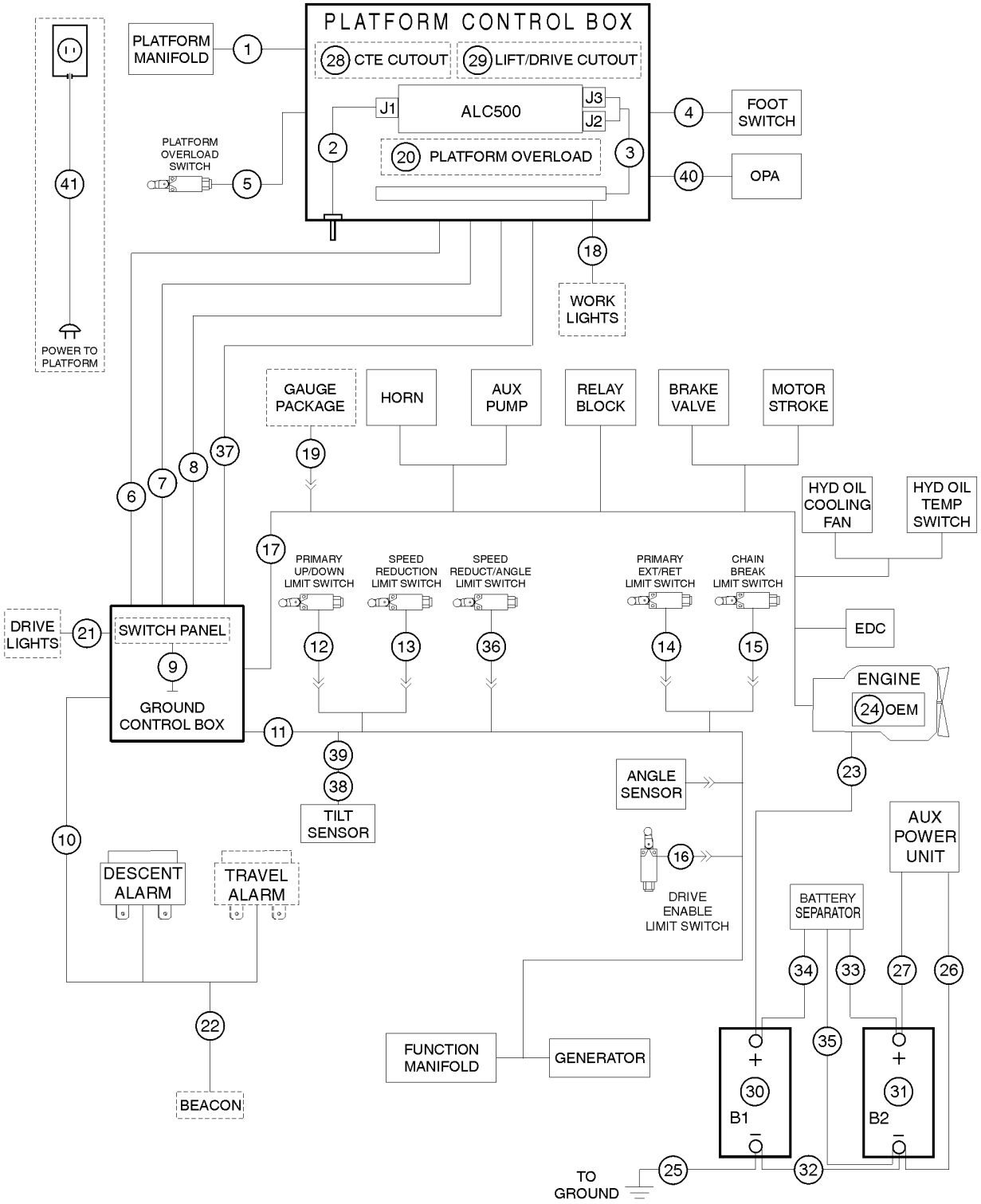
Item	Part No.	Description	Qty.
B	1264822GT	KIT, TRC RETROFIT, STNDRD Telematics (includes 1264834)	
B-	1264834GT	INSTRN, TRC RETROFIT, STNDRD	
1	121727GT	HARN,PLAT MANIFOLD,S85	1
2	121840GT	HARNESS,SERV,S80-2008 PBOX J1 Excluding (Deutz TD 2.9L4 models)	1
2-		Ref. HARNESS, PBOX, T3 refer to 605.1	
2-	826938GT	HARN, PBOX, DEUTZ 2.9T, S80 (Deutz TD 2.9L4 models); J2 and J3 harnesses are part of this harness	
3	121841GT	HARNESS,SERV,S80-2008 PBOX J2 Excluding (Deutz TD 2.9L4 models)	1
3-	121842GT	HARNESS,SERV,S80-2008 PBOX J3 Excluding (Deutz TD 2.9L4 models)	
4	227516GT	ASSEMBLY,FOOT SWITCH	1
5	121848GT	ASSY,LS,LOAD SENSE,38.5 IN	1
6	121733GT	HARNESS,16/22 BOOM 1,S85-2008 green/brown	1
7	121480GT	HARNESS,18/22 BOOM 2,S85-2008 gray/black	1
8	121481GT	HARNESS,12V TO PLAT,S85 2008	1
9	121729GT	HARNESS,GBOX,DEUTZ,S80/85 (Deutz TD2011L04i models); to SN 10912	1
9A-	1253141GT	HARN,GBOX,DEUTZ,S80/85 (Deutz TD2011L04i models); from SN 12264 to 13231	
9B-	1265455GT	HARNESS, GBOX, DEUTZ2011,S80 (Deutz TD2011L04i models); from SN 13232	
9C-	826937GT	HARN, GBOX, DEUTZ 2.9T, S80 (Deutz TD 2.9L4 models); from SN 12264 to 13231	
9D-	1265454GT	HARNESS, GBOX, DEUTZ 2.9T, S80 (Deutz TD 2.9L4 models); from SN 13232	
9E-	1253210GT	CRKT BRKR, THERM, AUTO RESET, 6A (used with harness 1253141, 1253142, 1280714, 1280716); from SN 10913	
10	121753GT	HARNESS,ALARM/BEACON,S80 2008	1
10-	121614GT	DESCENT ALARM,S80/85 2008 (alarm 45462GT)	1
10-		Ref. Travel Alarm (refer to 801.1)	
11A	147450GT	HARN,FUNCT MANIFOLD,S80/85 from SN 8500 to 13231	
11B	1264385GT	HARNESS, MANIFOLD, FUNCTION from SN 13232	
12	121469GT	HARN,LS,BOOM ANGLE S80/85 2008	1
12-	110771-141C7GT	LIMIT SW.TAB,BLUE METAL	
13	121499GT	HARN,LS,SPD REDUCT S80.85 2008	1
13-	110771-121C7GT	LIMIT SW,TAB,BLUE METAL	

310.1 Wire Harness Diagram, S-85



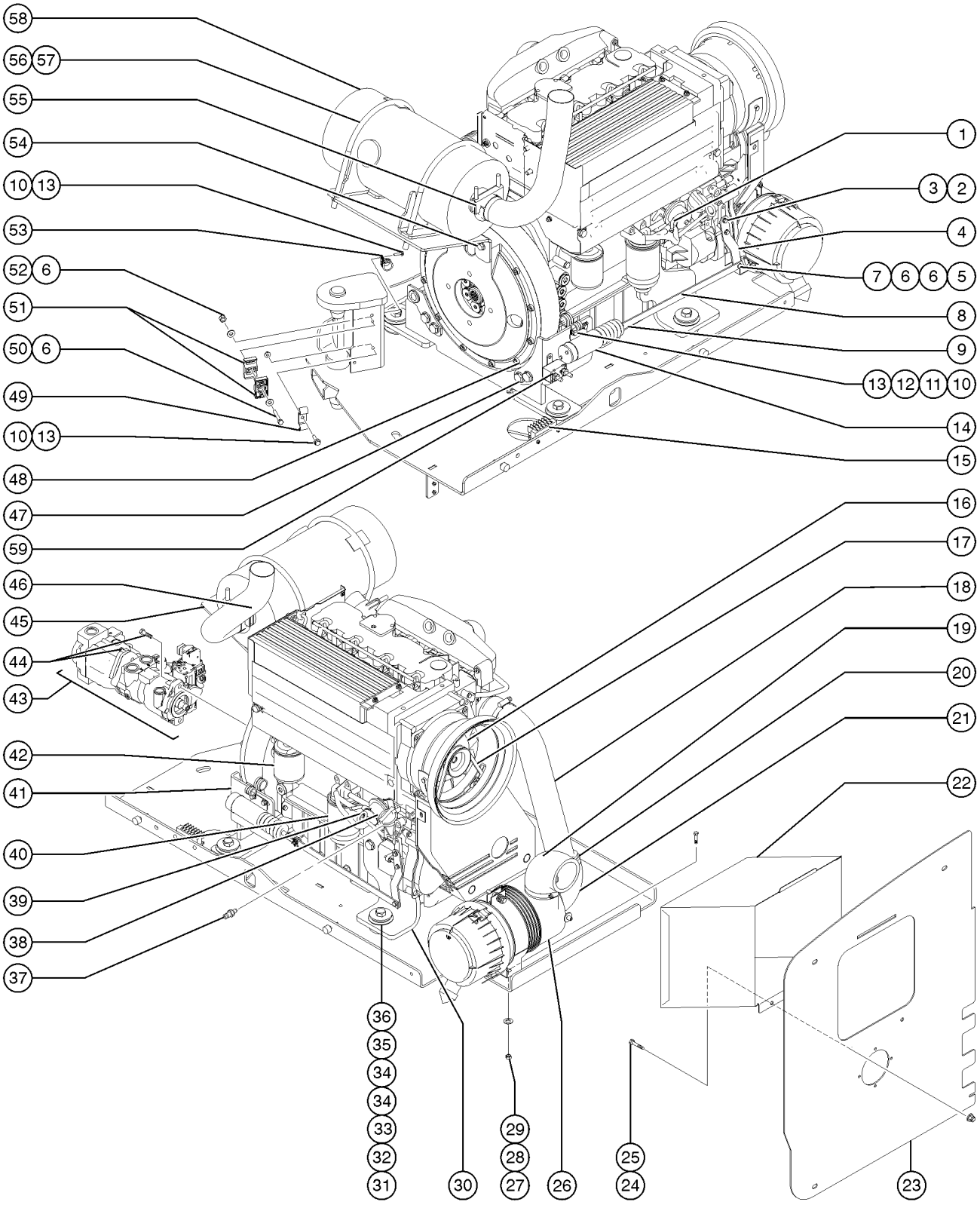
Item	Part No.	Description	Qty.
14	121466GT	HARNESS,LS,BOOM RET S80/85	1
14-	88356-32163GT	SWITCH,LIMIT,TABULATED,BLUE	
15	121468GT	HARNESS,LS,CHAIN BREAK S80/85	1
15-	88356-13107GT	SWITCH,LIMIT,TABULATE,BLUE	
16	121467GT	HARN,LS,DRIVE EN,S80/85 2008	1
16-	88356-33103GT	SWITCH,LIMIT TABULATED,BLUE	
17A	216760GT	HARNESS, DEUTZ 2008 (Deutz TD2011L04i models)	
17B	824585GT	HARN, ENG, TIER IV DEUTZ, S80 (Deutz TD 2.9L4 models)	
18A	13097GT	FUSE,10 AMP Use with harness item 147406;	
18B	T115760GT	HARNESS,12V WORK LIGHTS	
19	121492GT	HARNESS,GAUGE OPT. S80/85	1
20A	121836GT	HARNESS,LOAD SENSE,2008 to SN S85-110	1
20A-	121843GT	RESISTOR,4.7K OHM,25 WATT	
20B	219490GT	HARNESS,LS W/RECOVERY from SN S85-111	
21	121447GT	HARNESS,DRV LIGHTS,S80/85 2008	1
22	121489GT	HARNESS,BEACON,S80/85 2008	1
23	121474GT	BATTERY CABLE,2/0,POS,RD,123"	1
24A	122250GT	HARNESS,TME27 ENGINE,EPA2007	1
24B	122399GT	HARNESS, TD2011L04I, DEUTZ Deutz models	1
25	217370GT	CABLE,BATTERY NEG,BK	
26	121619GT	HARNESS,BATT2 TO APU(+),S80	
27	121622GT	HARNESS,BATT2 TO APU(-),S80	
28	121521GT	OPT,CTE CUTOUT,S80/85 2008	1
29A	121461GT	HARNESS,LFT/DRV CUTOUT,S80/85 to SN 12263	1
29B	1258701GT	HARNESS,CE OPTION,S80/85 to SN 12264	
30	1303581GT	BATTERY, 12V, 950CCA, FLA	
31	77694GT	BATTERY,12V DEEP CYC 5/16"STUD	
32	106555GT	HARNESS,GND BATT 1 TO BATT 2	

310.1 Wire Harness Diagram, S-85



Item	Part No.	Description	Qty.
33	121618GT	HARNESS,BATT2 TO SEPERATOR,S80	
34	121617GT	HARNESS,BATT1 TO SEPERATOR,S80	
35	121621GT	HARNESS,SEPERATOR GND,S80	
36	T107193GT	HARN,LS OP PRI VEL LST3O	
36-	110771-13107GT	SWITCH,LIMIT,W/RLLR ARM,NO/NC	
37	229358GT	HARNESS, LIGHT PACKAGE, S85	
38	1264947GT	KIT, LEVEL SENSOR, 6 PIN CONN For ANSI/CSA models with 6-pin wire harness connector, includes instructions	
39	1260218GT	HARNESS,TILT ALARM,12V for CSA models only	
39-	1285811GT	KIT,TILT ALARM,IC MODELS	
39-	1285689GT	INSTRUCTIONS,INSTALL (LEVEL SENSOR ALARM) for kit 1285811	
40A	1255555GT	HARN,PBOX,OPA,HW,12V	1
40B	1255030GT	PLUG,BLANKING (to January 2017)	1
40C	1278108GT	HARNESS, CONTACT ALARM, S40,S60,S80 (from January 2017)	1
41	30794GT	WIRE,12/3 SJEOW,BK-WH-GR/YL Power to platform cable option	1272 inches

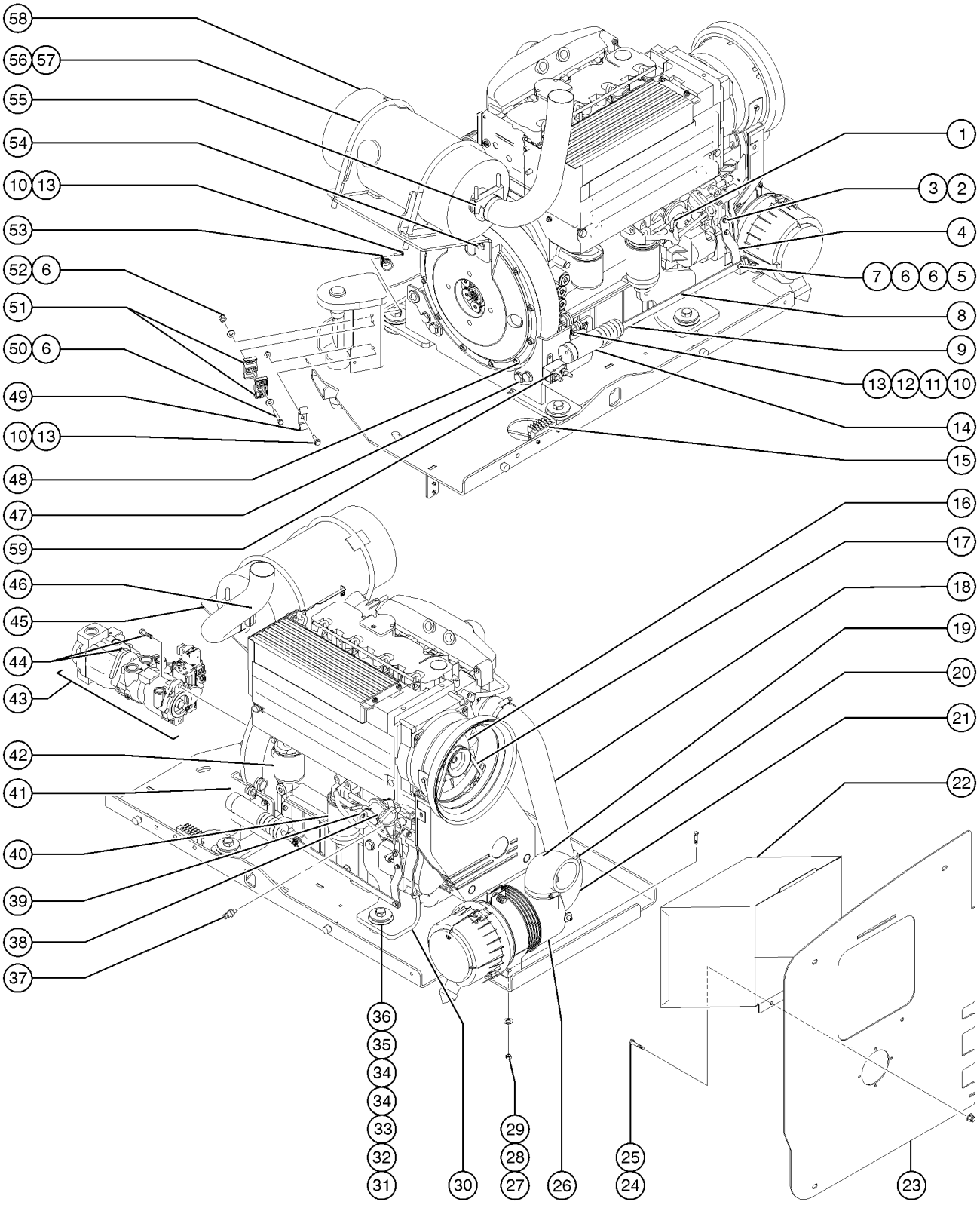
401.1 Deutz TD2011L04i Engine - View 1



401.1 Deutz TD2011L04i Engine - View 1

Item	Part No.	Description	Qty.
A-	121471GT	HARNESS,DEUTZ 2008 S80/85	
B-	139612GT	KIT CB 15A T2 RPM SOLENOID 3W Includes item 128829	
C-	102406GT	MODULE,TIME DELAY ON BRK 30S	
D-	139983GT	EXHAUST PIPE GASKET	
E-	101638GT	OPTION, SPARK ARREST	
F-	T114678GT	SHUTDOWN SOLENOID,12V, DEUTZ Must order cable assembly, 58256, if replacing 32752) (includes o-ring)	1
G-	58256GT	SOLENOID CABLE ASSY***	
H-	72255GT	CONNECTOR, DEUTZ FUEL SHUTOFF* (Does not include diode, 45782)	
I-	56445GT	DIODE,6 AMP 200 PIV,REEL	
1	111668GT	PUMP,FUEL 2011 DEUTZ ***	1
1-	111402GT	O-RING, FUEL LIFT PUMP	
2	22578GT	SCREW,HHC,M6 X 20MM,GR8.8	
3	49407GT	WASHER,LOCK,M6	
4	50787-SGT	LEVER, GOVERNOR ACTUATOR	1
5	6584GT	SCREW,SHS,10-24 X .625	
6	6638GT	WASHER, FLAT, USS, 1/4"Y	
7	5365GT	NUT,NYLOCK,10-24	
8	139322GT	THROTTLE LINKAGE, DSL	1
9	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN	
10	121420GT	SCREW,HHF,1/4-20 X 1.00	
11	45454GT	CLAMP,0.75,#12 X 3/8,RUB CUSH*	2
12	18666GT	CLAMP,1.00,#16 X 1/4,RUB CUSH	1
13	121421GT	NUT,FLG,1/4-20	
14	121615GT	THROTTLE SOLENOID ASSY, TROMB.	1
14-	89998GT	KIT,SERVICE,SOLENOID MODULE	
14-	128829GT	CIRCUIT BRKR 15A TYPE 2 METAL	
15	89997GT	RELAY MODULE(89996,89998)	
16	58249GT	ALTERNATOR, DEUTZ,BF4L2011***	1

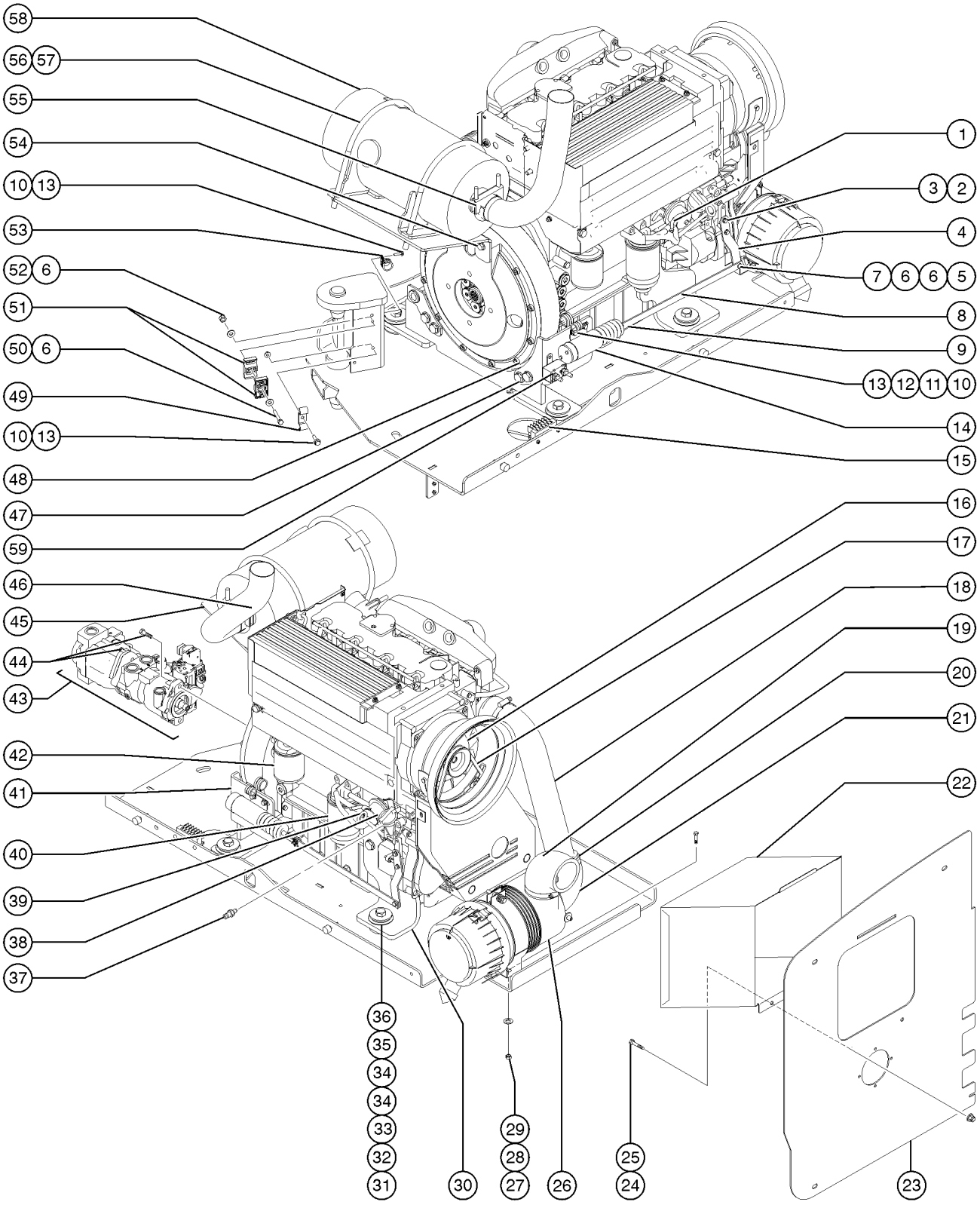
401.1 Deutz TD2011L04i Engine - View 1



401.1 Deutz TD2011L04i Engine - View 1

Item	Part No.	Description	Qty.
16-	1280590GT	PULLEY,ALTERNATOR,DEUTZ BF4L2011 for 58249	
16-	1280591GT	SPACER,ALT PULLEY,DEUTZ BF4L2011 for 58249	
17	58630GT	V-BELT, DEUTZ TD2011LOAI	1
18	121563GT	TUBE,AIR INTAKE,DEUTZ	1
19	60561GT	ELBOW,INLET,CUMMINS	1
20	30489GT	CLAMP,HOSE,3.50	3
21	139455GT	ELBOW,AIR INTAKE,RUBBER	1
22	122388GT	DEUTZ,AIRBOX WITH WORD DECALS	1
22-	121410GT	WELDMENT,COOLING AIRBOX	1
23	121384GT	DEUTZ ENGINE SIDE BULKHEAD	1
24	75051GT	SCREW,SER FLNG3/8UNCX3/4ZNYEL	
25	121422GT	NUT,HEX,FLG,3/8-16	
26	81467GT	AIR CLEANER,NELSON	1
26-	75450GT	AIR CLEANER CLIPS, SUPERBOOM for 81467	
26-	75451GT	AIR CLEANER COVER, SUPERBOOM* for 81467	
26-	52866GT	EVACUATOR VALVE-AIR CLEANER for 81467	
26-	62425GT	FILTER,AIR CLEANER, SUPERBOOM for 81467	
26-	81468GT	MOUNTING BAND,AIR CLEANER	
27	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
28	5397GT	WASHER, FLAT, USS, 5/16-18	
29	6782GT	NUT, NYLOCK, 5/16-18	
30	70455GT	FORMING,ENGINE MOUNT	1
31	13003GT	SCREW,HHC,5/8-11 X 3.5 GRD.8	
32	33418GT	WASHER,FLAT,.625 X 2.25 X.15	
33	102045GT	ISOLATOR,ENGINE VIBRATION	4
34	18596GT	WASHER,FLAT,1.56 X 2.5 X .061	
35	13064GT	WASHER,FLAT,.625 HARDENED	
36	6024GT	NUT,NYLOCK,5/8-11	

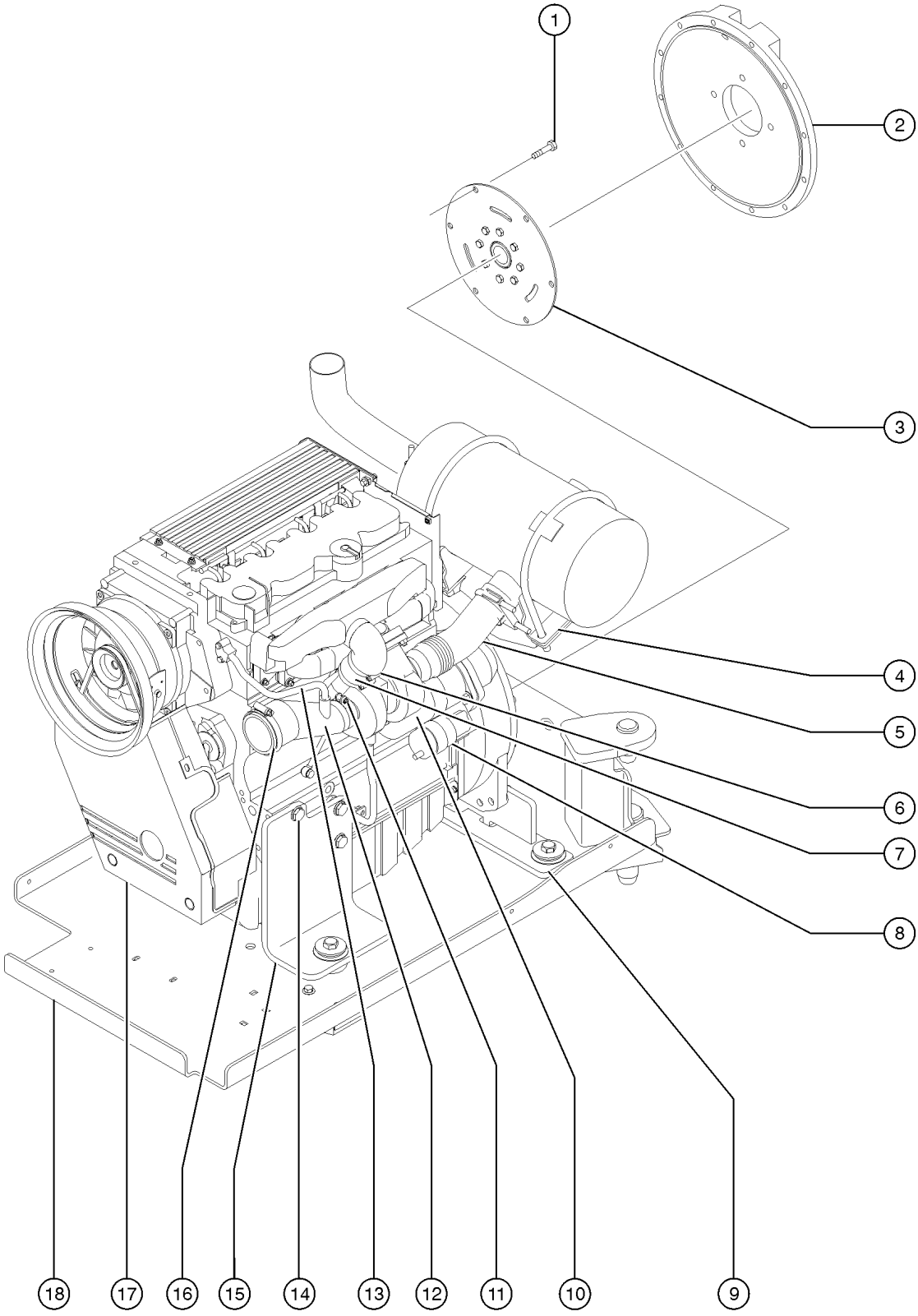
401.1 Deutz TD2011L04i Engine - View 1



401.1 Deutz TD2011L04i Engine - View 1

Item	Part No.	Description	Qty.
37	139624GT	SWITCH, OIL PRESSURE 1.5 BAR	
37-	139666GT	KIT,OP SWITCH,DEUTZ Oil pressure kit for models with ALC-500 control system. Replaces part 65765 (Includes item 139624 and instructions)	
38	58299GT	SENDING UNIT,OIL PRESS.,DEUTZ*	1
39	52352GT	DIPSTICK-F3L1011F (DEUTZ)	1
40	29560GT	FILTER,FUEL/WTR SEP, DTZ 1008 Genie Genuine Part. See PN 1254826 for compatible aftermarket replacement.	1
40-	1254826GT	FUEL FILTER W/SEP,DEUTZ,1008 Genie Aftermarket Part. Filter for Deutz F3L 1011F Engine.	1
41	139321GT	FORMING, SOLENOID MOUNT***	1
42	49924GT	FILTER,OIL,DEUTZ F4L1011F Genie Genuine Part. See PN 1255653 for compatible aftermarket replacement.	1
42-	1255653GT	FILTER,OIL,DEUTZ,REPLACEMENT Genie Aftermarket Part. Compatible with Genie Genuine Part 49924.	1
43		Ref. DRIVE PUMP AND FUNCTION PUMP (Refer to 708.1)	
44	123167GT	FLGHCS,1/2-13X1.50,GR8,BLK PH	
45	70448PGT	FORMING,MUFFLER MOUNT	1
46	70465GT	TAILPIPE,DEUTZ BF4L2011	1
47	121688GT	SCREW,HHC,FLG,M14 X 35	
48	61110GT	SCREW,SHC,M10X1.5X30 GR 12.9	
49	75289GT	CLAMP,HOSE,1/2" DOUBLE	1
50	6637GT	SCREW,HHC,1/4-20 X 1.75	
51	78736GT	CLAMP,2 HOSE,PLASTIC,5/8	2
52	6091GT	NUT, NYLOCK, 1/4-20	
53	18666GT	CLAMP,1.00,#16 X 1/4,RUB CUSH	1
54	121430GT	SCREW,FLG HD,M10 X 70 GR12.9	
55	71911GT	CLAMP,MUFFLER, 2.50 INCH	1
56	70449GT	U-BOLT,1/2-13 X 8.5	2
57	121423GT	NUT,FLG,1/2-13	
58	70444GT	MUFFLER,2.5"INLET/OUTLET	
58-	101633GT	MUFFLER,SPARK ARREST,2.5 I/O	
58-	101634GT	MUFFLER,CATALYTIC,2.5 I/O	
59	128829GT	CIRCUIT BRKR 15A TYPE 2 METAL	

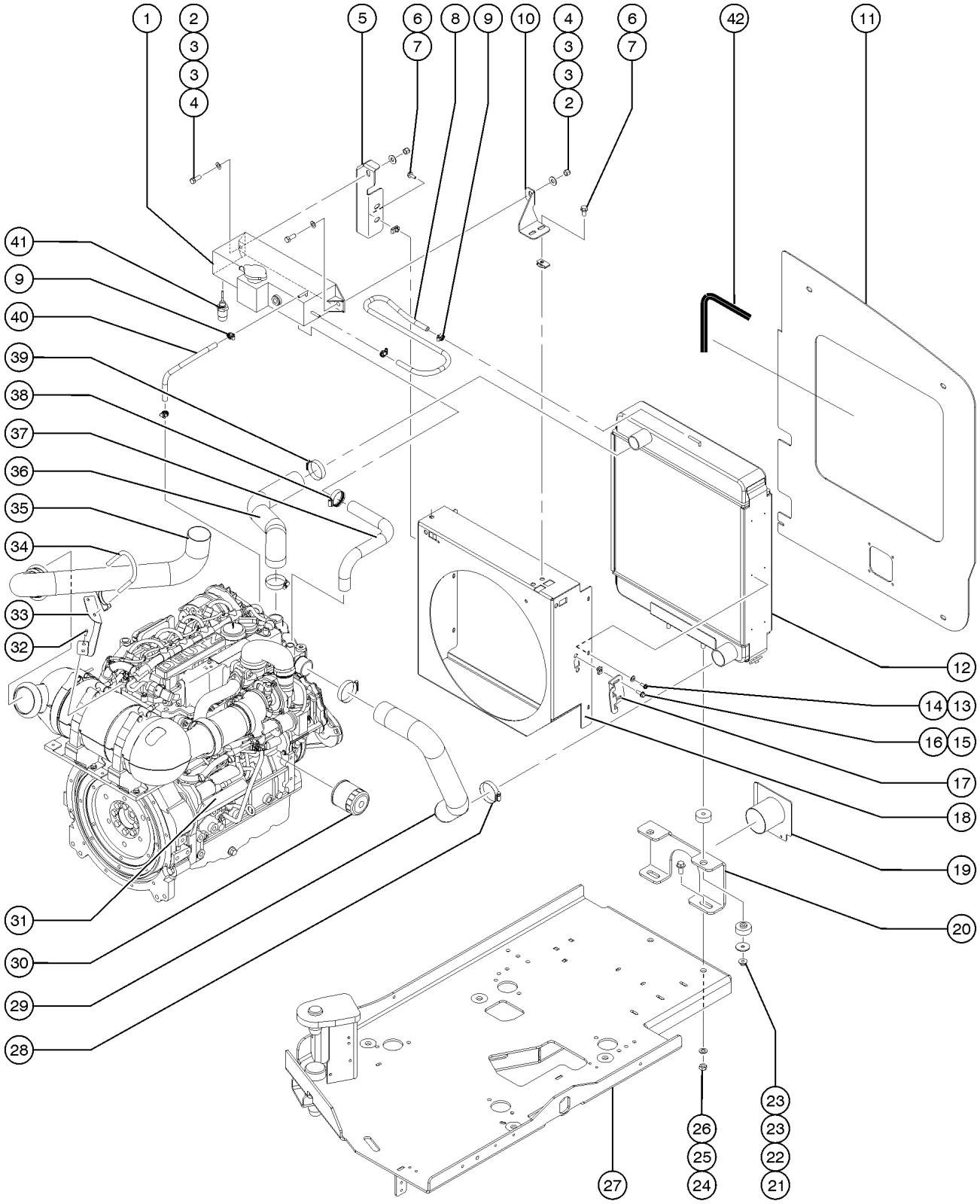
402.1 Deutz TD2011L04i Engine - View 2



402.1 Deutz TD2011L04i Engine - View 2

Item	Part No.	Description	Qty.
A-	102581GT	PUMP,FUEL INJ,DEUTZ BF4L20 Class A injection pump; provide SN of engine to service to get correct injection pump (A, B, C, D)	
B-	T108732GT	PUMP,FUEL INJ,DEUTZ BF4L20 Class B injection pump; provide SN of engine to service to get correct injection pump (A, B, C, D)	
C-	T108733GT	PUMP,FUEL INJ,DEUTZ BF4L20 Class C injection pump; provide SN of engine to service to get correct injection pump (A, B, C, D)	
D-	T108734GT	PUMP,FUEL INJ,DEUTZ BF4L20 Class D injection pump; provide SN of engine to service to get correct injection pump (A, B, C, D)	
E-	102589GT	V-BELT, DEUTZ F4L2011	
1	62476GT	SCREW,SHC,M10X1.5X20MM (75090)	
2	70381GT	COVER,FLYWHEEL CASTING	1
3	128004GT	COUPLER,15 TOOTH,FBA,SAE8***	1
4	70483GT	FORMING,8.5' MUFFLER MOUNT	2
5	70445GT	FLEX PIPE,EXHAUST,2.5" DIA	1
5B	71911GT	CLAMP,MUFFLER, 2.50 INCH	
5B	139983GT	EXHAUST PIPE GASKET	
6	102593GT	CLAMP, 3 INCH	
7	226106GT	RUBBER SLEEVES, TD 2011L041	
8	49915GT	SOLENOID-STARTR DEUTZF4L1011F*	1
9	70456GT	WELDMENT,REAR ENGINE MOUNT	1
10	139709GT	STARTER, 12V	1
10-	139621GT	KIT, HEAT GUARD, DEUTZ STARTER	
11	30971GT	CLAMP,HOSE,3.00"	
12	226103GT	INLET REDUCER,TD 2011L04I	1
13	226104GT	BREATHER PIPE, TD 2011L04I	1
13-	226105GT	GASKET,BREATHER PIPE (226104)	
14	121688GT	SCREW,HHC,FLG,M14 X 35	
15	121694GT	FORMING,ENGINE MOUNT,LEFT FRT	1
16	30489GT	CLAMP,HOSE,3.50	1
17	146061GT	V-BELT GUARD, DEUTZ 2011	1
18		Ref. Engine Pivot Tray Assembly (Refer to 416.1)	

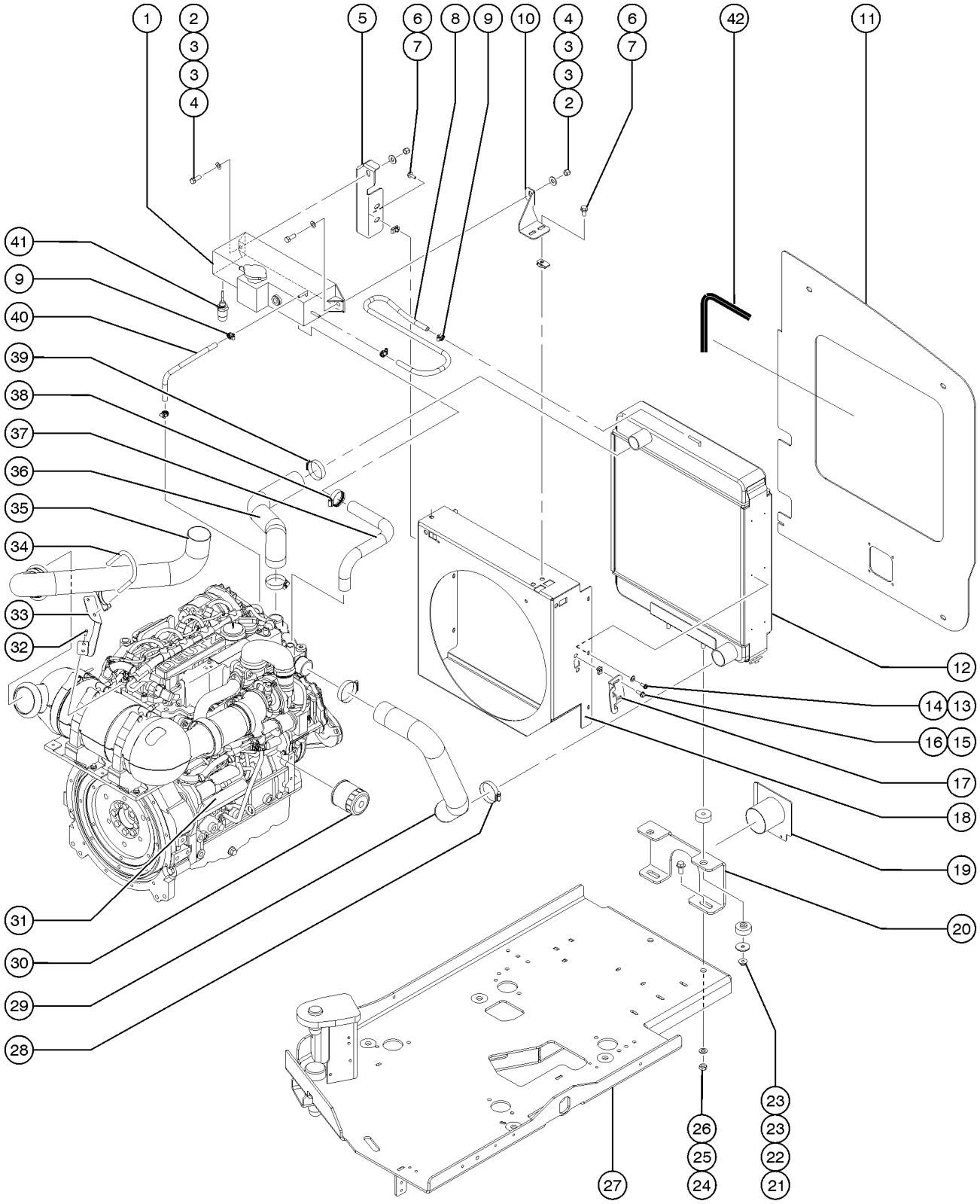
403.1 Deutz TD 2.9L4 Engine - View 1



403.1 Deutz TD 2.9L4 Engine - View 1

Item	Part No.	Description	Qty.
-		Due to Tier 4 regulations, many engine replacement parts require the engine serial number at time of order placement. When ordering engine parts please have both machine and engine serial numbers available. For internal engine parts, contact engine d	
-	1272624GT	KIT,WATER PUMP 2.9 L4	
-	1289895GT	WASHER,WATER PUMP (1272624) for 1272624	
-	1277974GT	PINS,CONNECTOR,INJ HARNESS,D2.9	
1	161938GT	EXPANSION TANK,METAL,D2.9	1
1B	1274900GT	SIGHT GLASS for 161938	
1B	1254823GT	CAP,RADIATOR,PERKINS (94232) for 161938	
1B	822606GT	TUBING,VINYL,3/8" CLEAR for 161398	46 inches
1B	31983GT	CLAMP,HOSE,1 EAR, 9/16 for 822606	
2	6175GT	SCREW,HHC,3/8-16 X 1	
3	6097GT	WASHER, FLAT, USS, 3/8", Y	
4	4828GT	NUT, NYLOCK, 3/8-16	
5	826825GT	BRACKET,EXPANSION TANK, LEFT M	1
6	75051GT	SCREW,SER FLNG3/8UNCX3/4ZNYEL	
7	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	
8	1283995GT	HEATER HOSE,1/4"	28 inches
9	21465GT	CLAMP,HOSE,.25" - .63" X .3125	4
10	825218GT	BRACKET,EXPANSION TANK,DEUTZ 2	1
11	826832GT	BULKHEAD PLATE,6-CORE RADIATOR	1
12	826795GT	RADIATOR,6-CORE,19.375W X 18.1	1
13	21019GT	SCREW,PHIL,PHM,10-24 X.5,SEMS	
14	6146GT	WASHER,FLAT,MS,#10,Y	
15	121419GT	SCREW,HHF,1/4-20 X .75	
16	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
17	823751GT	BRACKET,INTAKE PIPE,MOUNT,DEUT	1
18	826859GT	SHROUD,17" FAN,6-CORE RADIATOR	1

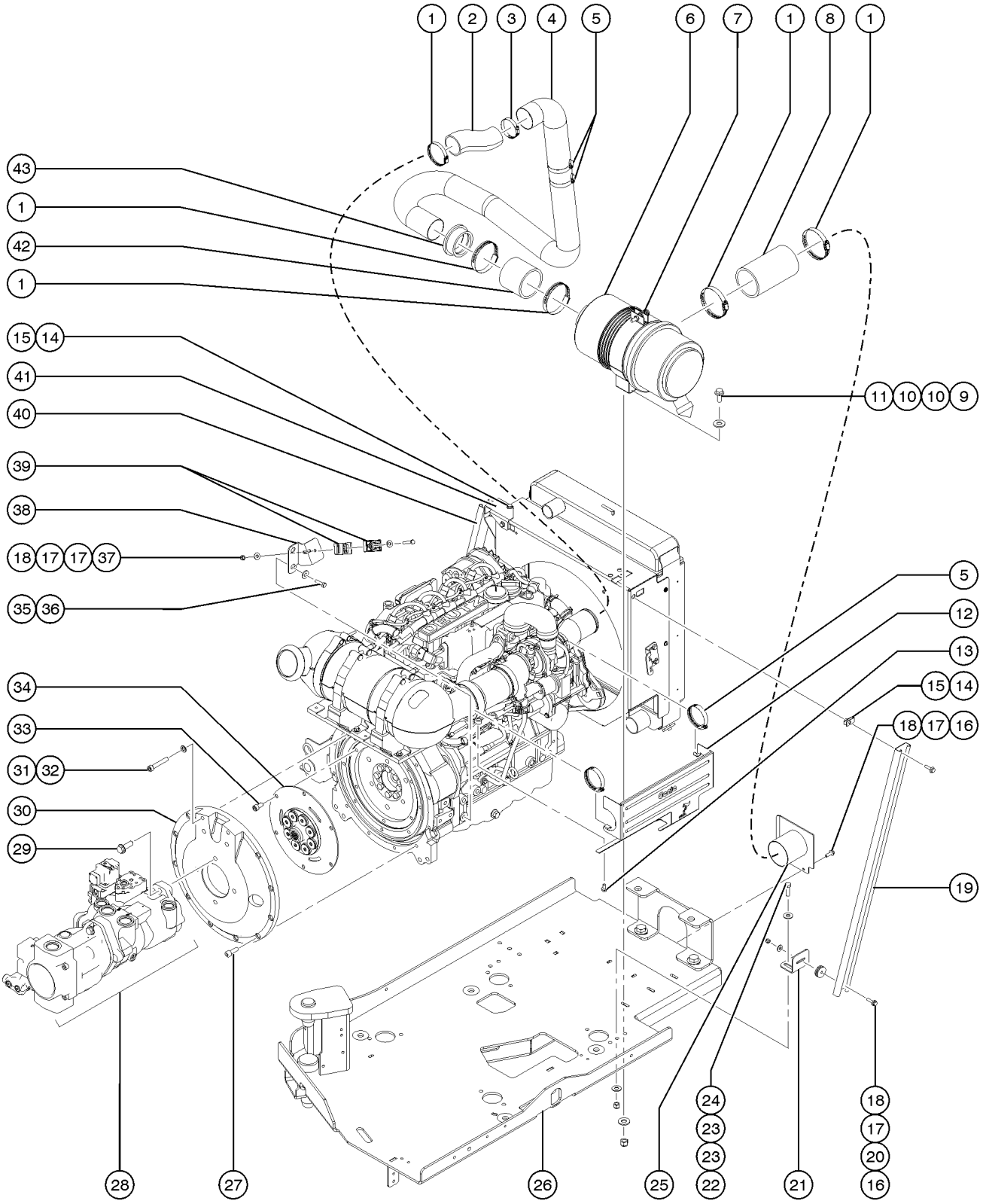
403.1 Deutz TD 2.9L4 Engine - View 1



403.1 Deutz TD 2.9L4 Engine - View 1

Item	Part No.	Description	Qty.
19		Ref. WLDT, INTAKE, T4 DEUTZ, Z80/S80 (Refer to 411.1)	
20	826835GT	FORMING,6-CORE RADIATOR MOUNT	1
21	48425GT	NUT,FLG-LRG,3/8-16,YZ	
22	15086GT	WASHER,FLAT,.375 X 1.5 X .125	
23	24038GT	SHOCK MOUNT,SMALL	4
24	6024GT	NUT,NYLOCK,5/8-11	
25	13064GT	WASHER,FLAT,.625 HARDENED	
26	128912GT	BOLT,FLANGE,5/8-11X1.5"GR8 PLT	
27		Ref. FORMING,ENGINE TRAY, 2.9L DEUTZ (Refer to 416.1)	
28	35434GT	CLAMP,HOSE,2.00***	2
29	162284GT	HOSE,LOWER RADIATOR, 2.9L DEUT	
30	49924GT	FILTER,OIL,DEUTZ F4L1011F Genie Genuine Part. See PN 1255653 for compatible aftermarket replacement.	1
30-	1255653GT	FILTER,OIL,DEUTZ,REPLACEMENT Genie Aftermarket Part. Compatible with Genie Genuine Part 49924.	
31	1254594GT	STARTER,3.2KW,DEUTZ D2.9	1
32	824132GT	SCREW,HHF,M8-1.25X20,DIN6921,10.9,ZAB	
33	1268921GT	FORMING,TAILPIPE SUPPORT,S80	1
34	71911GT	CLAMP,MUFFLER, 2.50 INCH	1
35	162276GT	EXHAUST PIPE, 2.9L DEUTZ	1
35-	825015GT	CLAMP, T4 TCD3.6 DOC	1
36	162283GT	HOSE, UPPER RADIATOR, DEUTZ D	1
37	823229GT	HOSE,EXPANSION TANK,COMPENSATION	1
38	36208GT	CLAMP,HOSE,1.25***	2
39	22672GT	CLAMP,HOSE,1.75	2
40	1283995GT	HEATER HOSE,1/4"	24 inches
41	218715GT	COOLNT LEVL SENSR, DEUTZTCD3.6	1
42	119218GT	TRIM,EDGE,1/8X3/4 SIDE BULB	88 inches

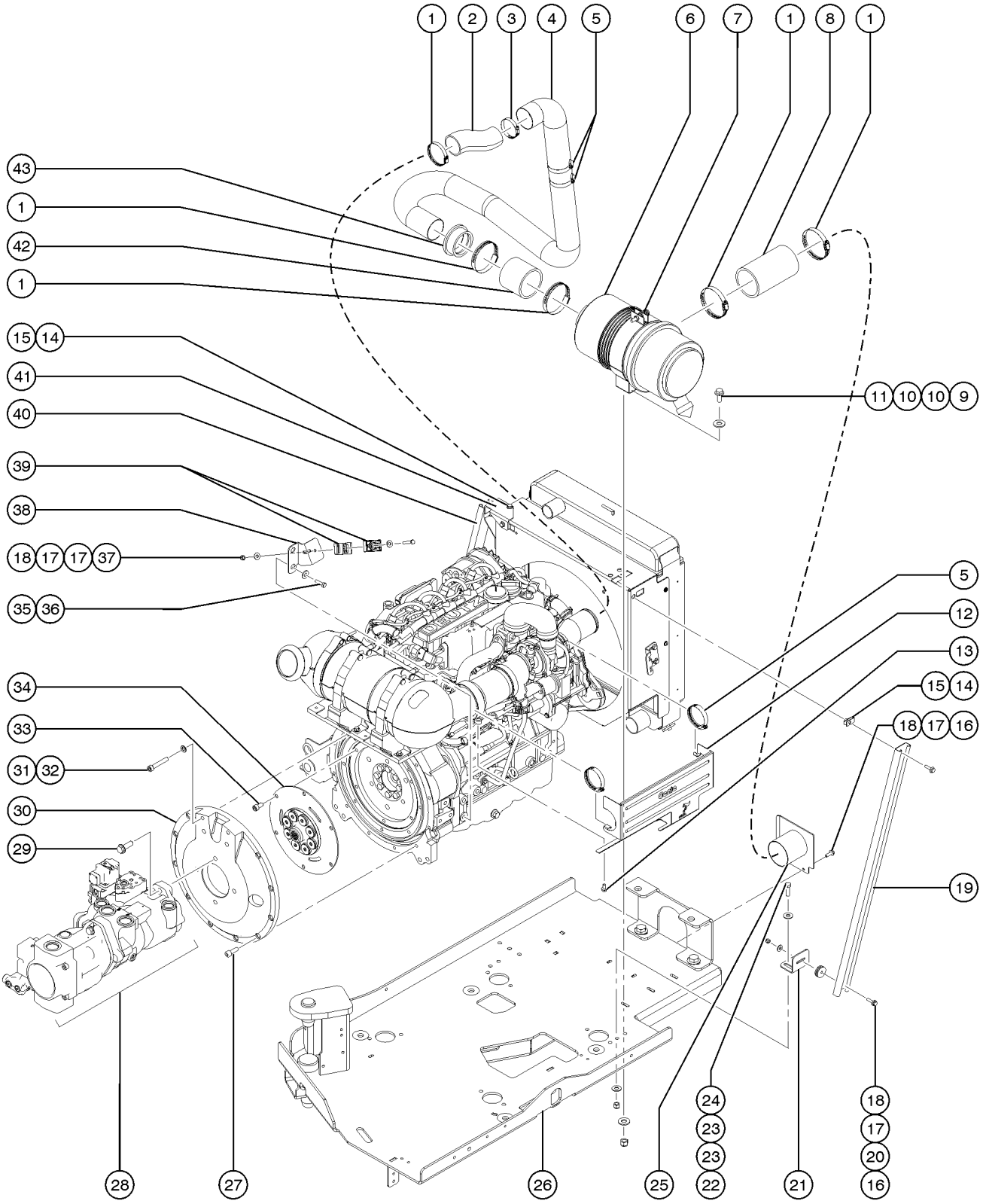
404.1 Deutz TD 2.9L4 Engine - View 2



404.1 Deutz TD 2.9L4 Engine - View 2

Item	Part No.	Description	Qty.
-		Due to Tier 4 regulations, many engine replacement parts require the engine serial number at time of order placement. When ordering engine parts please have both machine and engine serial numbers available. For internal engine parts, contact engine d	
1	30489GT	CLAMP,HOSE,3.50	5
2	823703GT	HOSE,REDUCER,OFFSET,TURBO INLE	1
3	30971GT	CLAMP,HOSE,3.00"	1
4	823239GT	TUBE,INTAKE,DEUTZ 2.9L	1
5	45435GT	CLAMP,HOSE,2.50"***	2
6	81467GT	AIR CLEANER,NELSON	1
6-	75450GT	AIR CLEANER CLIPS, SUPERBOOM for 81467	
6-	75451GT	AIR CLEANER COVER, SUPERBOOM* for 81467	
6-	52866GT	EVACUATOR VALVE-AIR CLEANER for 81467	
6-	62425GT	FILTER,AIR CLEANER, SUPERBOOM for 81467	
7	81468GT	MOUNTING BAND,AIR CLEANER	1
8	106211-600GT	HOSE,RUBBER 3"ID X .25 BLACK X 6.00 LG	1
9	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
10	5397GT	WASHER, FLAT, USS, 5/16-18	
11	6782GT	NUT, NYLOCK, 5/16-18	
12	1254949GT	HEAT SHIELD,DEUTZ TD2.9L	1
13	1251983GT	SCREW,HHF,M8-1.25X16,DIN6921,10.9,ZAB	
14	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
15	121419GT	SCREW,HHF,1/4-20 X .75	
16	121420GT	SCREW,HHF,1/4-20 X 1.00	
17	6638GT	WASHER, FLAT, USS, 1/4"Y	
18	6091GT	NUT, NYLOCK, 1/4-20	
19	823144GT	UNISTRUT,FAN SHROUD BRACE,R,DE	1
20	229986GT	GROMMET RUBBER .375X1.00X.1875	
21	823147GT	FORMING,FAN SHROUD STRUT MOUNT	1
22	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
23	6097GT	WASHER, FLAT, USS, 3/8", Y	

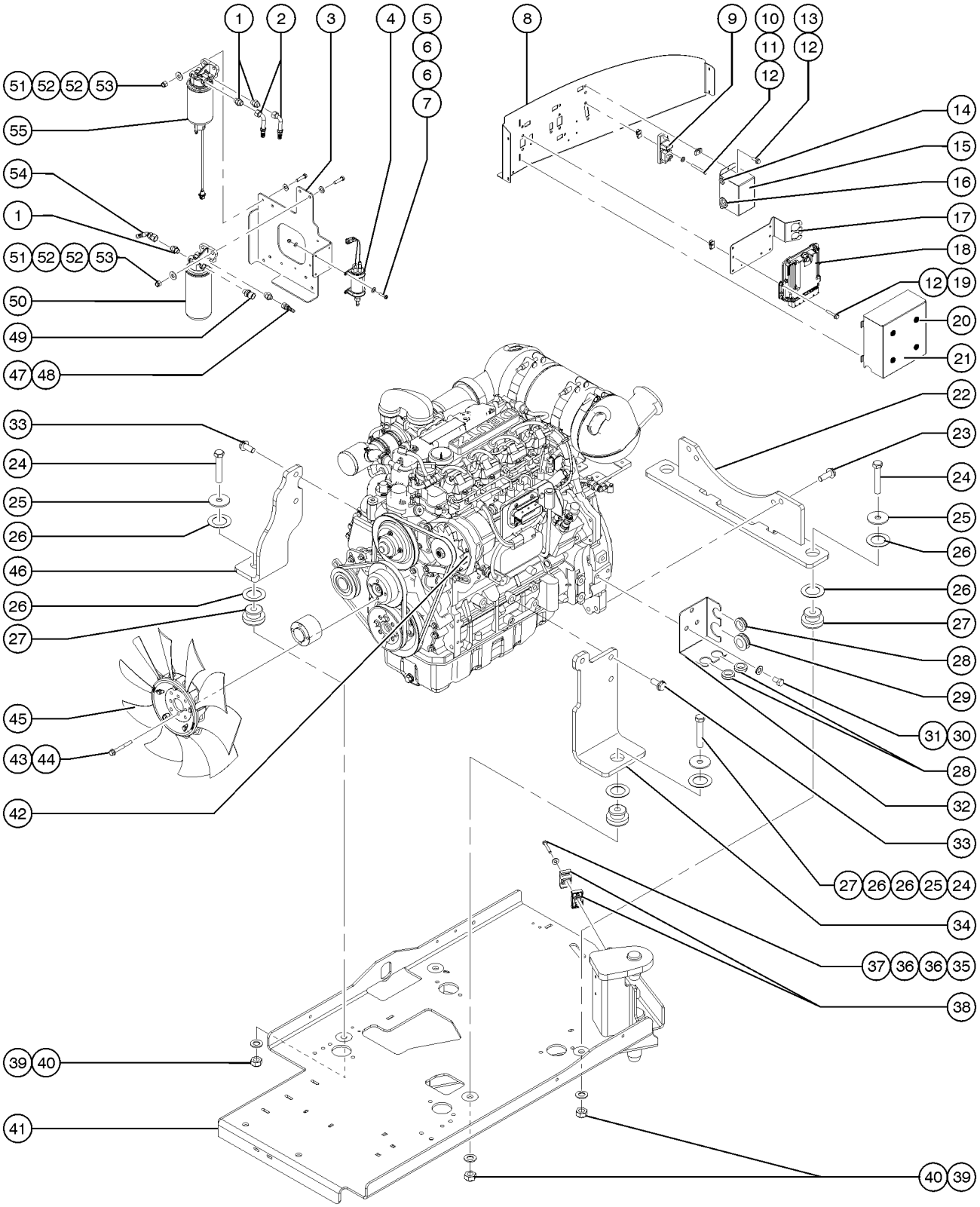
404.1 Deutz TD 2.9L4 Engine - View 2



404.1 Deutz TD 2.9L4 Engine - View 2

Item	Part No.	Description	Qty.
24	4828GT	NUT, NYLOCK, 3/8-16	
25	1251928GT	WLDT, INTAKE, T4 DEUTZ, Z80/S80	1
26		Ref. FORMING,ENGINE TRAY, 2.9L DEUTZ (Refer to 416.1)	
27	61110GT	SCREW,SHC,M10X1.5X30 GR 12.9	10
28		Ref. DRIVE PUMP AND FUNCTION PUMP (Refer to 708.1)	
29	123167GT	FLGHCS,1/2-13X1.50,GR8,BLK PH	4
30	70381GT	COVER,FLYWHEEL CASTING	1
31	111748GT	SCREW,SHC,M10X1.5 X 60 GR8.8	2
32	22699GT	WASHER, FLAT, M10, ZINC PLTD.	
33	62476GT	SCREW,SHC,M10X1.5X20MM (75090)	6
34	128004GT	COUPLER,15 TOOTH,FBA,SAE8***	1
35	27585GT	SCREW,HHC,M12 X 20MM	
36	49410GT	WASHER, FLAT, M12	
37	6145GT	SCREW, HHC, 1/4-20 X 1.5	
38	825939GT	FORMING, CLAMP, BATTERY CABLE	1
39	78736GT	CLAMP,2 HOSE,PLASTIC,5/8	2
40	823143GT	UNISTRUT,FAN SHROUD BRACE,L,DE	1
41	1252687GT	BRACKET, STRUT BRACE	1
42	106211-300GT	HOSE,RUBBER 3"ID X .25 BLACK	1
43	101640GT	REDUCER,RUBBER 3.0 - 2.5	1

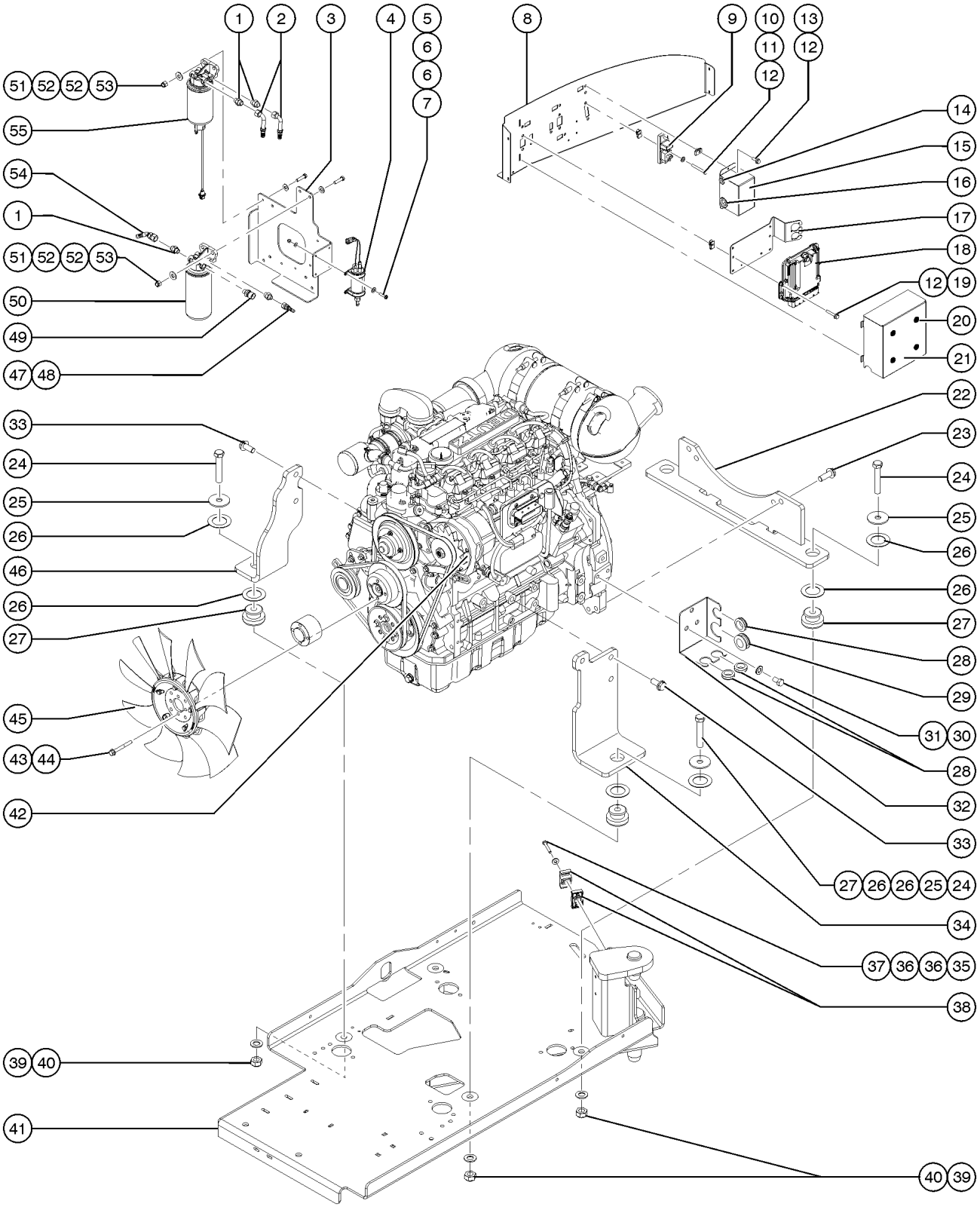
405.1 Deutz TD 2.9L4 Engine - View 3



405.1 Deutz TD 2.9L4 Engine - View 3

Item	Part No.	Description	Qty.
-		Due to Tier 4 regulations, many engine replacement parts require the engine serial number at time of order placement. When ordering engine parts please have both machine and engine serial numbers available. For internal engine parts, contact engine d	
-	1262866GT	FAN BELT, ALTERNATOR	
-	1262867GT	V-BELT, DEUTZ	
1	162209GT	FITTING,CONN,16MM-8MJ	2
2	162207GT	FITTING,ELBOW,8GS-8FJX90S	2
3	824298GT	BRACKET,FUEL SYSTEM,DEUTZ 2.9L	1
4	236259GT	LIFT PUMP,FUEL,DEUTZ TCD3.6 (replaced 214691)	2
4-	823421GT	HOSE,FUEL,1/2,GATES RLA hose from the top of fuel pump to fuel filter	8 inches
4-	823420-1772GT	HOSE,FUEL,3/8,GATES RLA 60" hose from the bottom of fuel pump to water separator	21 inches
5	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	
6	6146GT	WASHER,FLAT,MS,#10,Y	
7	6178GT	NUT, NYLOCK, 10-32	
8		Ref. FORMING, BULKHEAD, LEFT REAR (Refer to 305.1)	
9	824023GT	RELAY,POWER&FUSE MODULE	1
10	4266GT	SCREW,HHC,1/4-20 X 2	
11	25926GT	WASHER,FLAT,M6 PLTD.	
12	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
13	121419GT	SCREW,HHF,1/4-20 X .75	
14	824422GT	GROMMET,RUBBER,.5 X .063 X .75	2
15	824397GT	COVER,POWER RELAY MODULE,DEUTZ	1
16	826860GT	RUBBER GROMMET 1.00 X 1.563 X	2
17		BRACKET,COVER,RELAY MODULE,DEUTZ 2.9L (825628) Component no longer available	1
18		Ref. ECU 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)	1
19	121069GT	SCREW,HHF,1/4-20 X 1.50	
20	21858GT	PLUG,NYLON .38 BLACK DOMED	4
21	826833GT	COVER BRACKET, ECU TIER IV	1

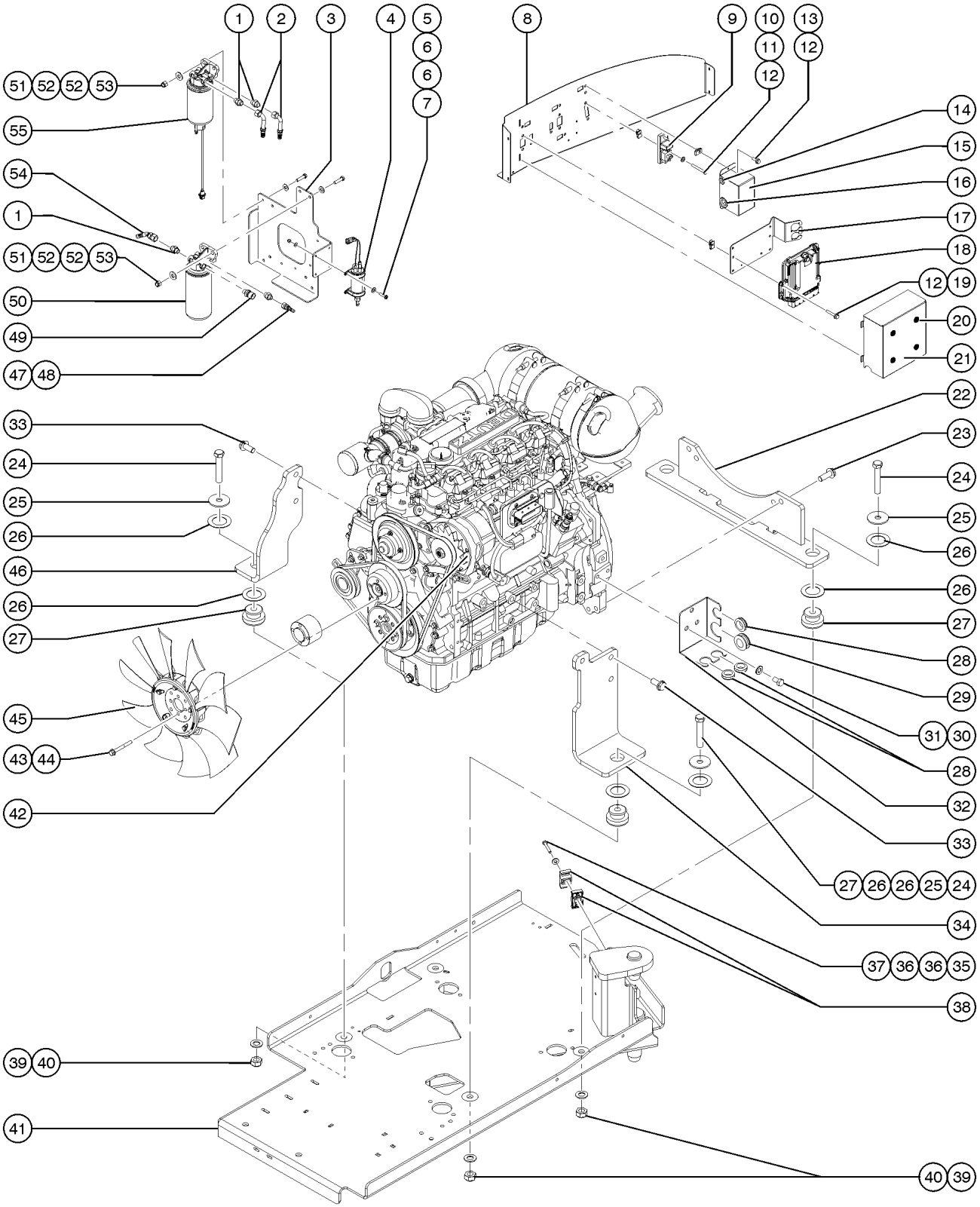
405.1 Deutz TD 2.9L4 Engine - View 3



405.1 Deutz TD 2.9L4 Engine - View 3

Item	Part No.	Description	Qty.
22	823135GT	WELDMENT, REAR MOUNT,ENGINE	1
23	121433GT	SCREW,HHF, M14 X 40MM	
24	13003GT	SCREW,HHC,5/8-11 X 3.5 GRD.8	4
25	33418GT	WASHER,FLAT,.625 X 2.25 X.15	4
26	18596GT	WASHER,FLAT,1.56 X 2.5 X .061	8
27	102045GT	ISOLATOR,ENGINE VIBRATION	4
28	124962GT	GROMMET,RUBBER,1.0 X 1.25X1.5	3
29	106923GT	GROMMET,RUBBER .38X1.38X1.0	1
30	27585GT	SCREW,HHC,M12 X 20MM	
31	49410GT	WASHER, FLAT, M12	
32	826873GT	FORMING, ENGINE HARNESS SUPPORT	1
33	121688GT	SCREW,HHC,FLG,M14 X 35	
34	823012GT	MOUNT,ENGINE,LEFT SIDE	1
35	6637GT	SCREW,HHC,1/4-20 X 1.75	
36	6638GT	WASHER, FLAT, USS, 1/4"Y	
37	6091GT	NUT, NYLOCK, 1/4-20	
38	78736GT	CLAMP,2 HOSE,PLASTIC,5/8	2
39	6024GT	NUT,NYLOCK,5/8-11	
40	13064GT	WASHER,FLAT,.625 HARDENED	
41		Ref. FORMING,ENGINE TRAY, 2.9L DEUTZ (Refer to 416.1)	1
42	236251GT	ALTERNATOR,95 AMP,DEUTZ TCD3.6	
43	1258771GT	SCREW,HHF,M8-1.25X60,DIN6921,10.9,ZAB for fan part 1258641	
44	1258641GT	SPACER, FAN, DEUTZ, 43MM LNG	
45	1251496GT	FAN,10 BLADE,17",DEUTZ 2.9L	
46	823013GT	MOUNT,ENGINE,RIGHT SIDE	
47	824351GT	FITTING,STR,3/8 HS X 9/16-18,JIC,SW,FEMALE	
48	162208GT	FITTING,CONN,16MM-6MJ	
49	824673GT	SENSOR,LOW PRESSURE,DEUTZ 2.9L	

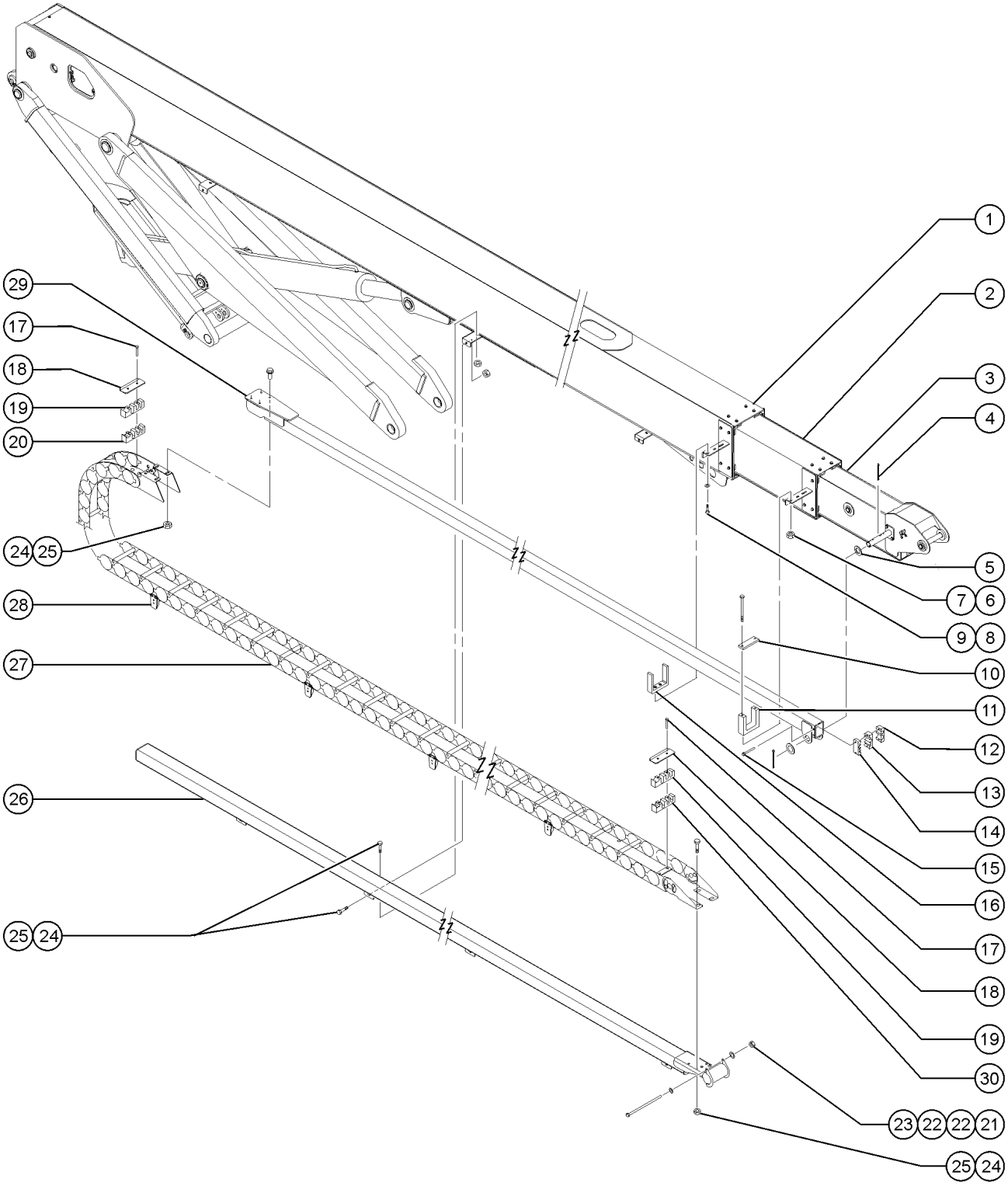
405.1 Deutz TD 2.9L4 Engine - View 3



405.1 Deutz TD 2.9L4 Engine - View 3

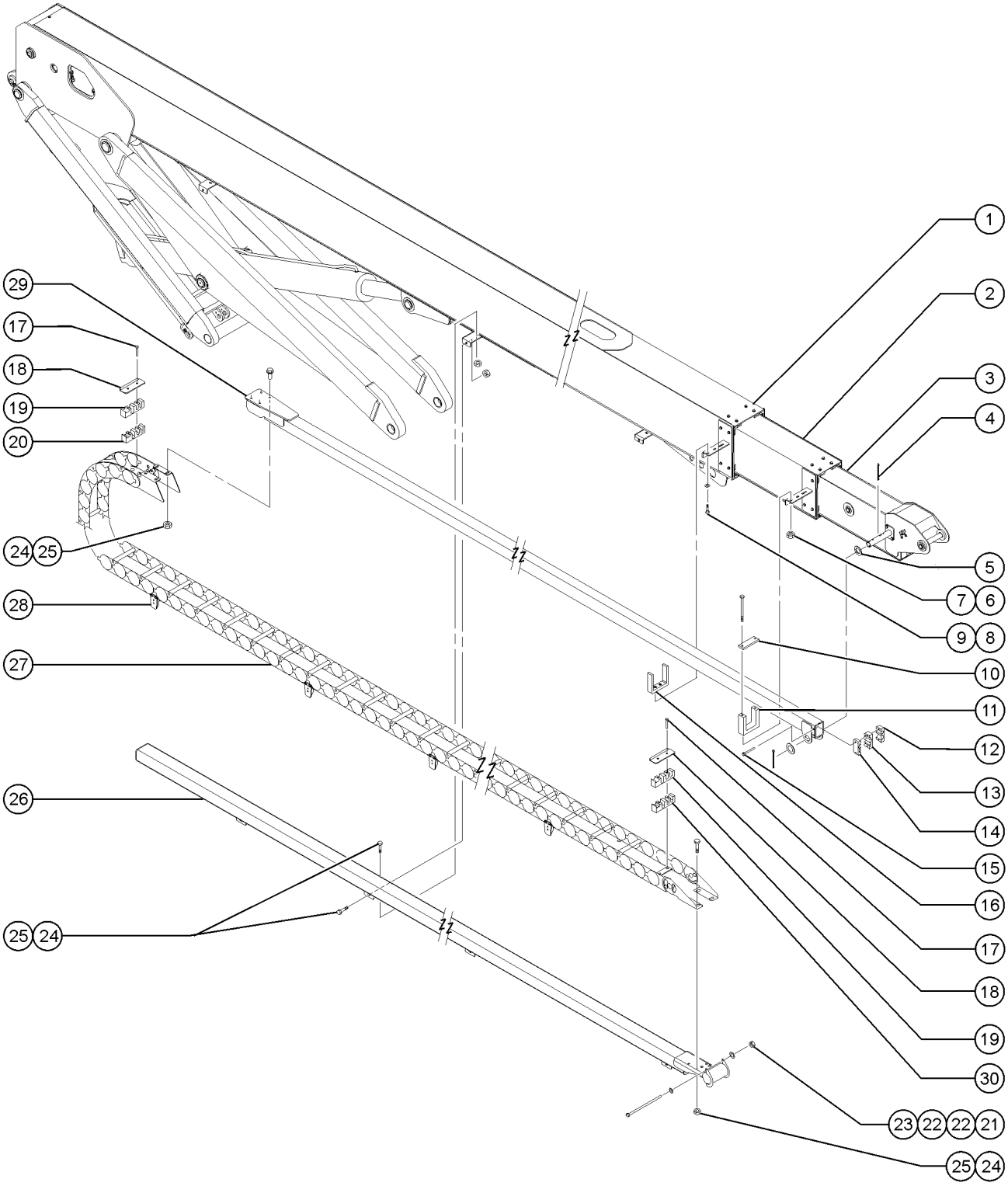
Item	Part No.	Description	Qty.
50	214228GT	FILTER, DEUTZ 2.9, FUEL	
51	4828GT	NUT, NYLOCK, 3/8-16	
52	6097GT	WASHER, FLAT, USS, 3/8", Y	
53	8516GT	SCREW, HCC, 3/8-16 X 1.50	
54	826357GT	FITTING,45DEG,1/2 HS X 3/4-16,JIC,SW,FEMALE,STEEL	
55	1261239GT	ASSY,FUEL PREFILTER,DEUTZ 2.9	1
55-	236260GT	PRE-FILTER,FUEL,DEUTZ TCD3.6	
55-	07.4501.0291GT	SENSOR	

501.1 Cable Track Installation



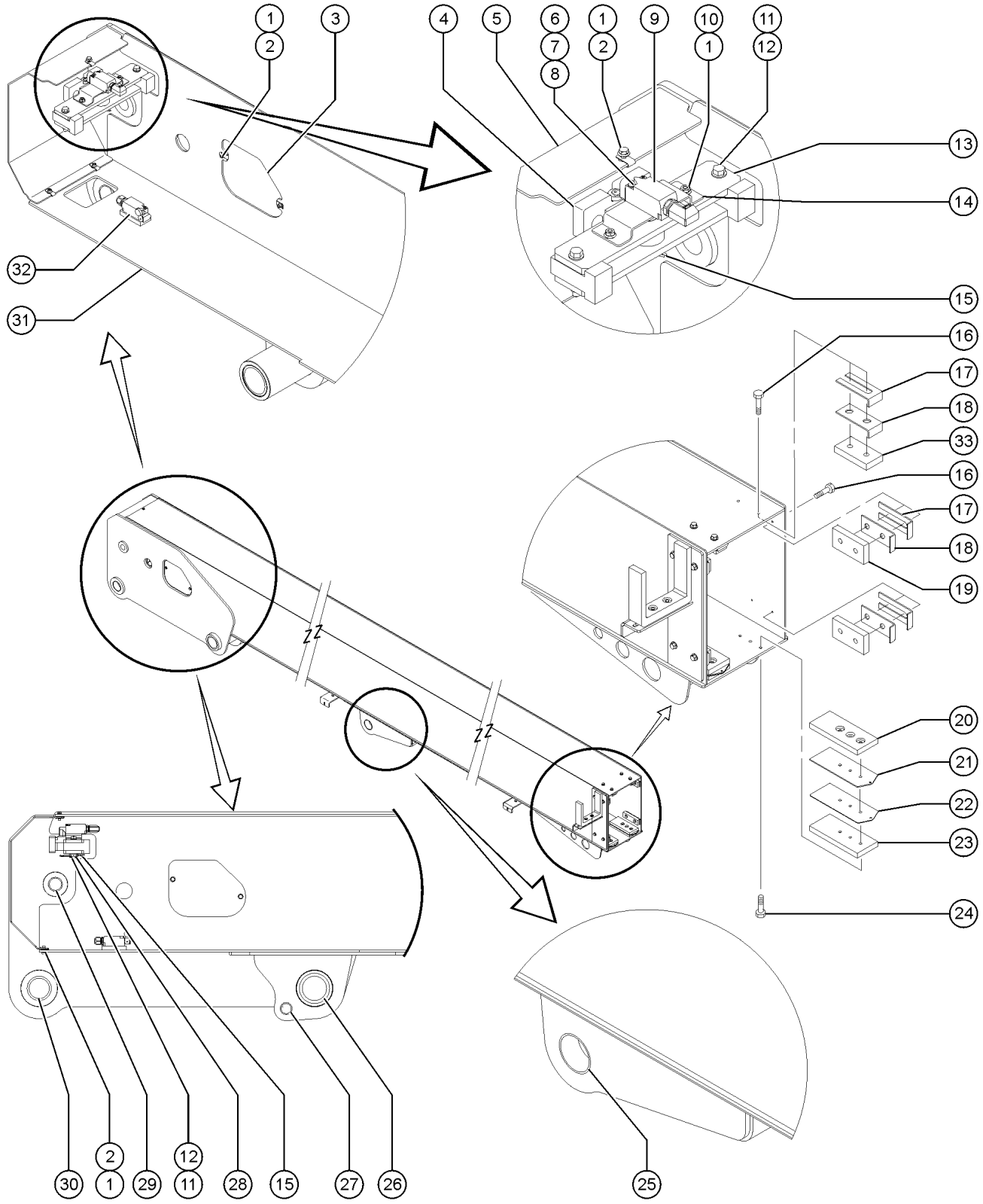
Item	Part No.	Description	Qty.
1		Ref. BOOM NUMBER 1 (Refer to 502.1)	
2		Ref. BOOM NUMBER 2 (Refer to 503.1)	
3		Ref. BOOM NUMBER 3 (Refer to 504.1)	
4	42079GT	PIN,COTTER,.156 X 2.5	2
5	18596GT	WASHER,FLAT,1.56 X 2.5 X .061	2
6	121422GT	NUT,HEX,FLG,3/8-16	
7	81777GT	SCREW,HHC,3/8-16 X 7	
8	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
9	5397GT	WASHER, FLAT, USS, 5/16-18	
10	81342GT	WEAR PAD,5.5 X 1.75 X .5	1
11	81341GT	WEAR PAD,CABLE TRACK PULL TUBE	1
12	121872GT	CLAMP,PULL TUBE HOSES,RIGHT	1
13	121871GT	CLAMP,PULL TUBE HOSES,MID	1
13-	228891GT	CLAMP,PULL TUBE HOSES,RH (Arctic High Pressure Hose Kit)	1
13-	T115764GT	CLAMP,PULL TUBE,RIGHT,WK LT (Worklight option)	
14	121870GT	CLAMP,PULL TUBE HOSES,LEFT	1
14-	228892GT	CLAMP,PULL TUBE HOSES,LH (Arctic High Pressure Hose Kit)	1
14-	T115763GT	CLAMP,PULL TUBE,LEFT,WK LT (Worklight option)	
15	121070GT	SCREW,HHF,1/4-20 X 2.50	
16	81340GT	WEAR PAD ASSEMBLY,CABLE TRACK	
17	6637GT	SCREW,HHC,1/4-20 X 1.75	
17-	50160GT	SCREW,HHC,1/4-20 X 3.75 (Welder and Air Line options)	
18	121065GT	FORMING,CLAMP,TOP,CABLE TRACK	2
19	121095GT	CLAMP, OPTIONS, CABLETRACK (Welder and Air Line options)	4
20	121093GT	CLAMP,CABLE TRACK	1
20-	T115765GT	CLAMP,CABLE TRACK, WK LT (Worklight option)	
21	6091GT	NUT, NYLOCK, 1/4-20	
22	6638GT	WASHER, FLAT, USS, 1/4"Y	

501.1 Cable Track Installation



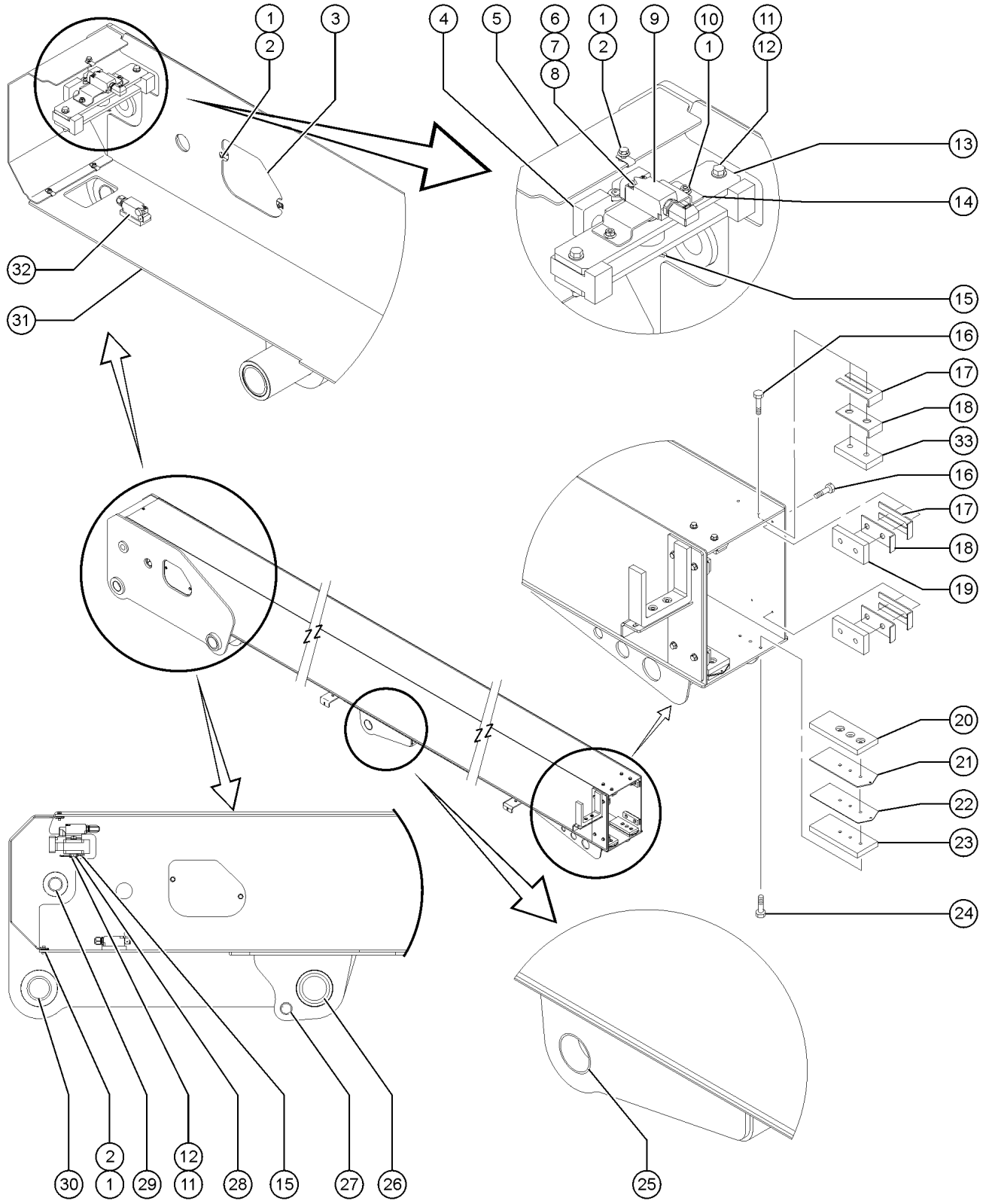
Item	Part No.	Description	Qty.
23	121786GT	SCREW,HHC,1/4-20 X 6.0	
24	121422GT	NUT,HEX,FLG,3/8-16	
25	121066GT	SCREW,HHC,FLG,3/8-16 X 1 GR8	
26	121061GT	WELDMENT,CABLE TRACK TRAY Revised at SN 8862 but remains backward compatible	
27	121064GT	CABLE TRACK,SX,70 LNK	1
27-	122661GT	REPAIR KIT,4 LINK,W/GUIDE	1
27-	122662GT	END BRACKET,MOVING END	
27-	122663GT	END BRACKET,FIXED END	
27-	122664GT	ALUMINUM FLAT CROSS BAR	
27-	122665GT	FLAT BAR W/PEM NUTS	
27-	122666GT	SEPERATOR,PLASTIC	
28	218448GT	FINGER,GUIDE,CABLE TRACK	16
28-	122668GT	GUIDE FINGER,PLASTIC	
28-	87085GT	RIVET,ALUM,P,.188 X .25	
29	121063GT	WELDMENT,LONG,GUIDE TUBE	1
30	121093GT	CLAMP,CABLE TRACK	1

502.1 Extension Boom Tube 1, S-80



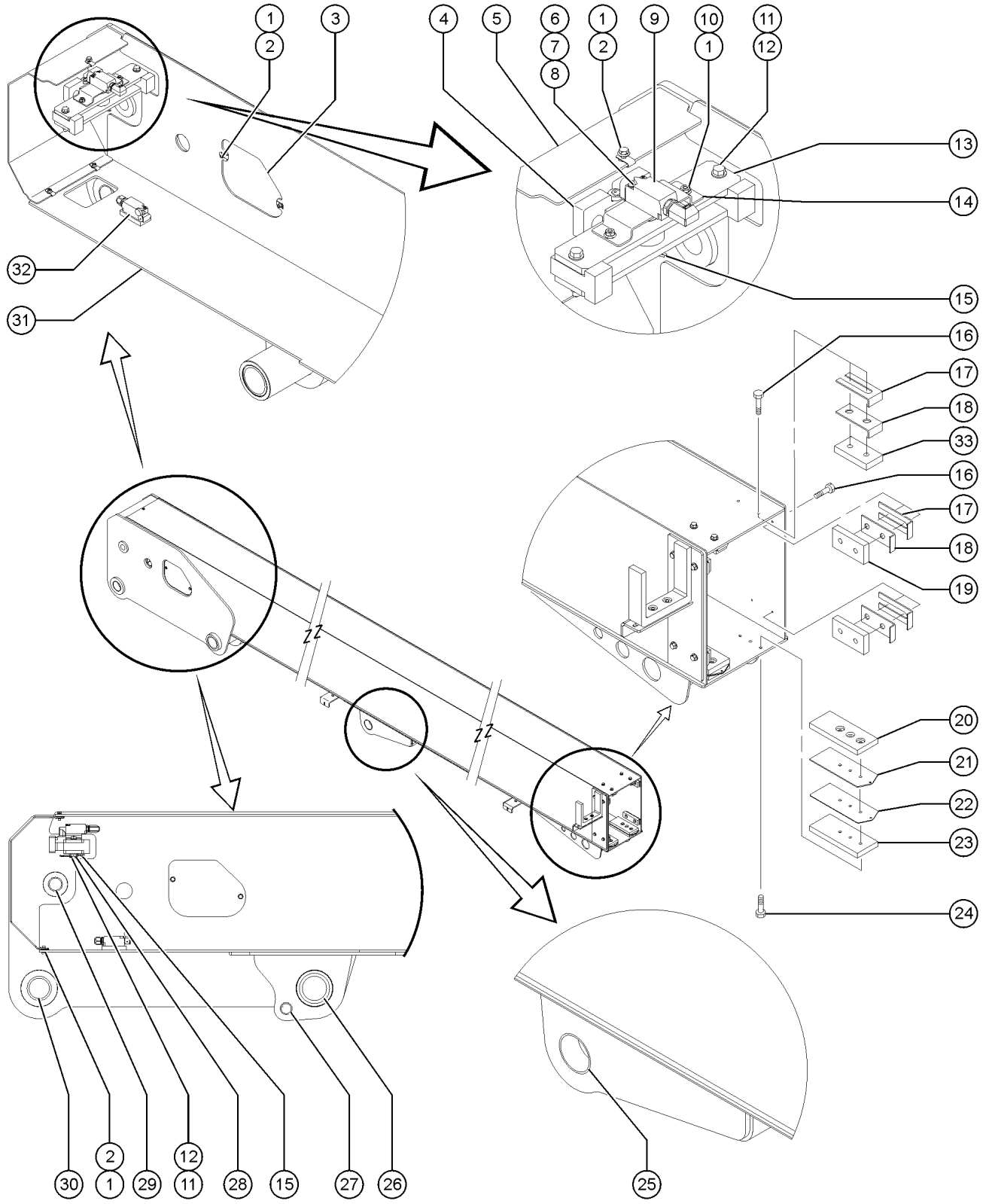
Item	Part No.	Description	Qty.
1	121419GT	SCREW,HHF,1/4-20 X .75	11
2	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	9
3	121029GT	COVER PLATE,BOOM	2
4	121180GT	ASSEMBLY,PIVOT PLATE	1
5	1284532GT	FORMING,COVER,PRIM.BOOM,PAINTED	1
6	51063GT	SCREW,PHILLIPS,RHM,10-32 X 1.5	4
7	6178GT	NUT, NYLOCK, 10-32	2
8	6146GT	WASHER,FLAT,MS,#10,Y	2
9		Ref. LIMIT SWITCH (Refer to 312.1 and 313.1)	
10	121421GT	NUT,FLG,1/4-20	2
11	121078GT	SCREW,FLANGE,HHC,3/8-16X2.5	
12	121422GT	NUT,HEX,FLG,3/8-16	2
13	121028GT	PLATE,ROCKER	2
14	77653GT	FORMING,LIMIT SWITCH BRACKET	1
15	74389GT	RUE RING 1.00	1
16	121066GT	SCREW,HHC,FLG,3/8-16 X 1 GR8	14
17	29080GT	SHIM,WEAR PAD,5X 1.5 16GA	as needed
18	38620GT	SHIM,WEAR PAD,5 X 1.5,14GA	as needed
19	30138GT	WEAR PAD,5 X 1.5 X .625 W/NUTS	6
20	88648GT	WEAR PAD,7X3X.625 W/NUTS	
21	60304GT	SHIM,WEAR PAD,7 X 3,12GA	as needed
22	60840GT	SHIM,WEAR PAD,7 X 3,16GA	as needed
23	121164GT	BAR,SPACER	2
24	122209GT	SCREW,HHF,3/8-16 X1.50	
25	27697GT	BEARING,2.50IDX2.75ODX1.50L	2

502.1 Extension Boom Tube 1, S-80



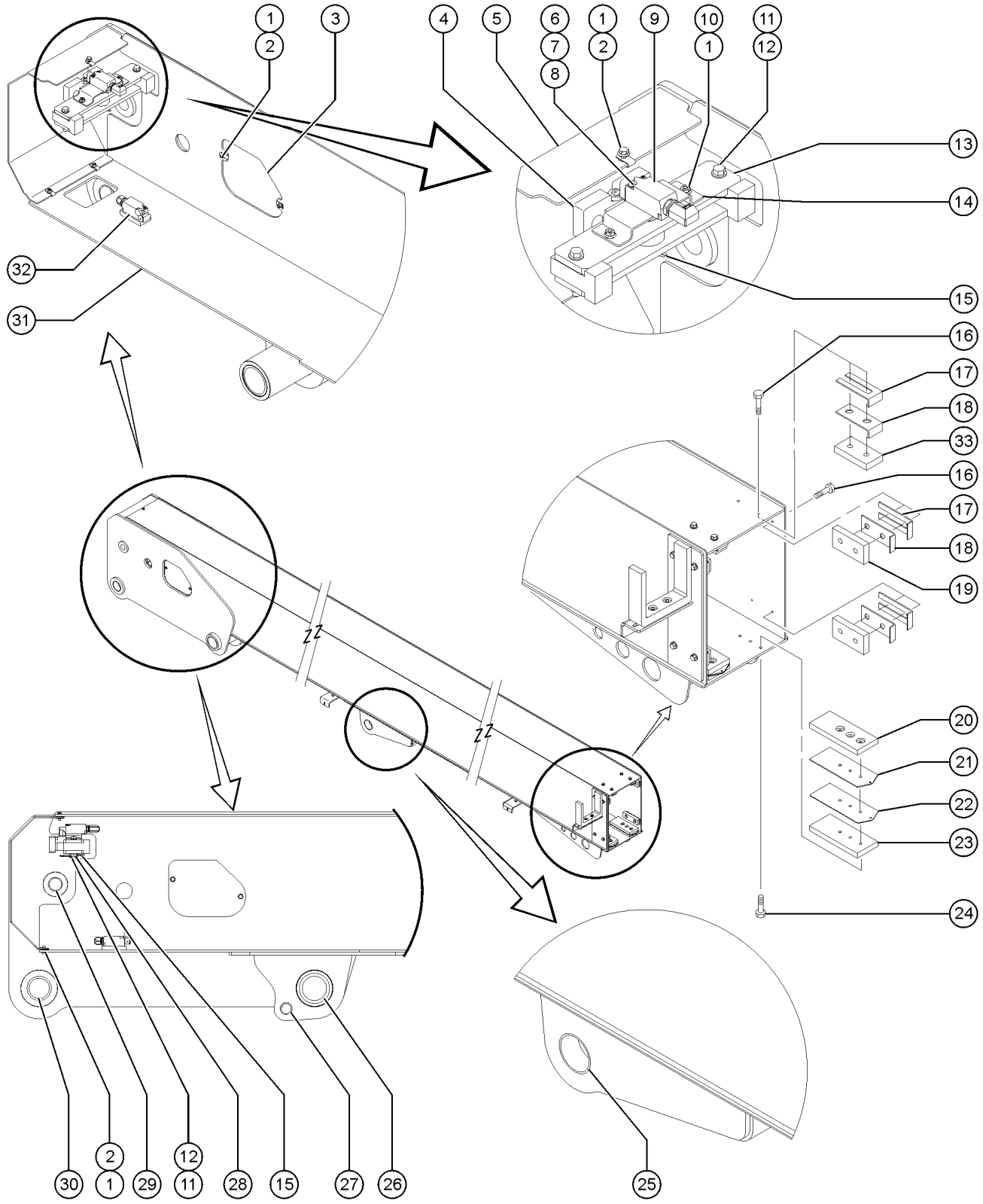
Item	Part No.	Description	Qty.
26	121754GT	BEARING,3.00IDX3.50DX2.25LG	2
27	50560GT	BEARING,1.25IDX1.50ODX1.50L	1
28	826379GT	PIN,CLEVIS,1X2.250,ZAG	1
29	110876GT	BEARING,1.5"ID X 1.75OD X1.25L	2
30	101559GT	BEARING,FL,2.50IDX2.75ODX1.61L	2
31A	122389GT	BOOM TUBE #1 ASSY,S80,W/WORD**	1
31B	122390GT	BOOM TUBE #1 ASSY,S80,W/SYMB	1
32		Ref. LIMIT SWITCH (Refer to 312.1 and 313.1)	
33	30138GT	WEAR PAD,5 X 1.5 X .625 W/NUTS	2

502.2 Extension Boom Tube 1, S-85



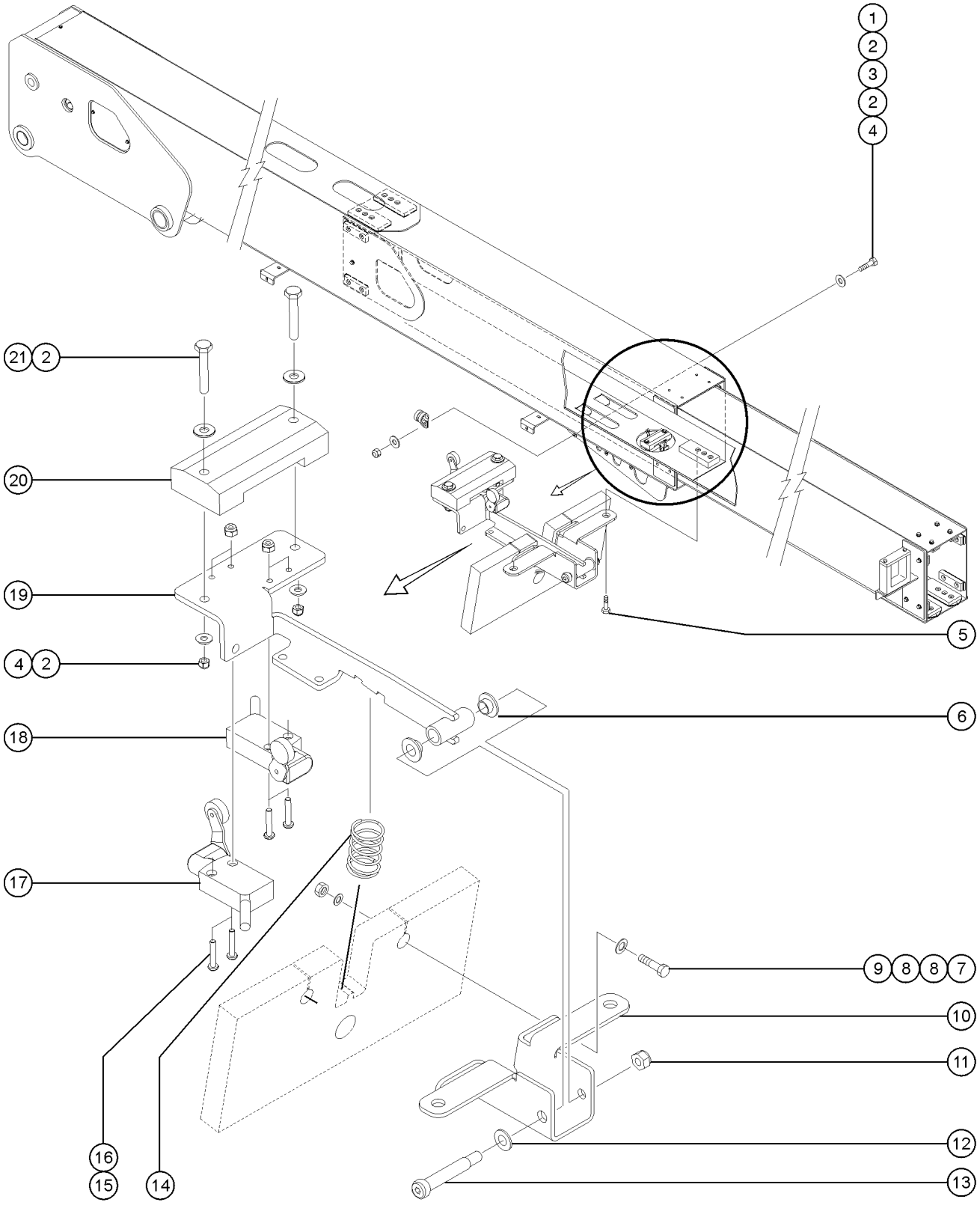
Item	Part No.	Description	Qty.
1	121419GT	SCREW,HHF,1/4-20 X .75	11
2	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	9
3	121029GT	COVER PLATE,BOOM	2
4	121180GT	ASSEMBLY,PIVOT PLATE	1
5	1284532GT	FORMING,COVER,PRIM.BOOM,PAINTED	1
6	51063GT	SCREW,PHILLIPS,RHM,10-32 X 1.5	4
7	6178GT	NUT, NYLOCK, 10-32	2
8	6146GT	WASHER,FLAT,MS,#10,Y	2
9		Ref. LIMIT SWITCH (Refer to 312.1 and 313.1)	
10	121421GT	NUT,FLG,1/4-20	2
11	121078GT	SCREW,FLANGE,HHC,3/8-16X2.5	
12	121422GT	NUT,HEX,FLG,3/8-16	2
13	121028GT	PLATE,ROCKER	2
14	77653GT	FORMING,LIMIT SWITCH BRACKET	1
15	74389GT	RUE RING 1.00	1
16	121066GT	SCREW,HHC,FLG,3/8-16 X 1 GR8	14
17	29080GT	SHIM,WEAR PAD,5X 1.5 16GA	as needed
18	38620GT	SHIM,WEAR PAD,5 X 1.5,14GA	as needed
19	73461GT	WEAR PAD,5 X 1.5 X .875 W/NUTS	4
20	88648GT	WEAR PAD,7X3X.625 W/NUTS	
21	60304GT	SHIM,WEAR PAD,7 X 3,12GA	as needed
22	60840GT	SHIM,WEAR PAD,7 X 3,16GA	as needed
23	121164GT	BAR,SPACER	2
24	122209GT	SCREW,HHF,3/8-16 X1.50	
25	27697GT	BEARING,2.50IDX2.75ODX1.50L	2

502.2 Extension Boom Tube 1, S-85



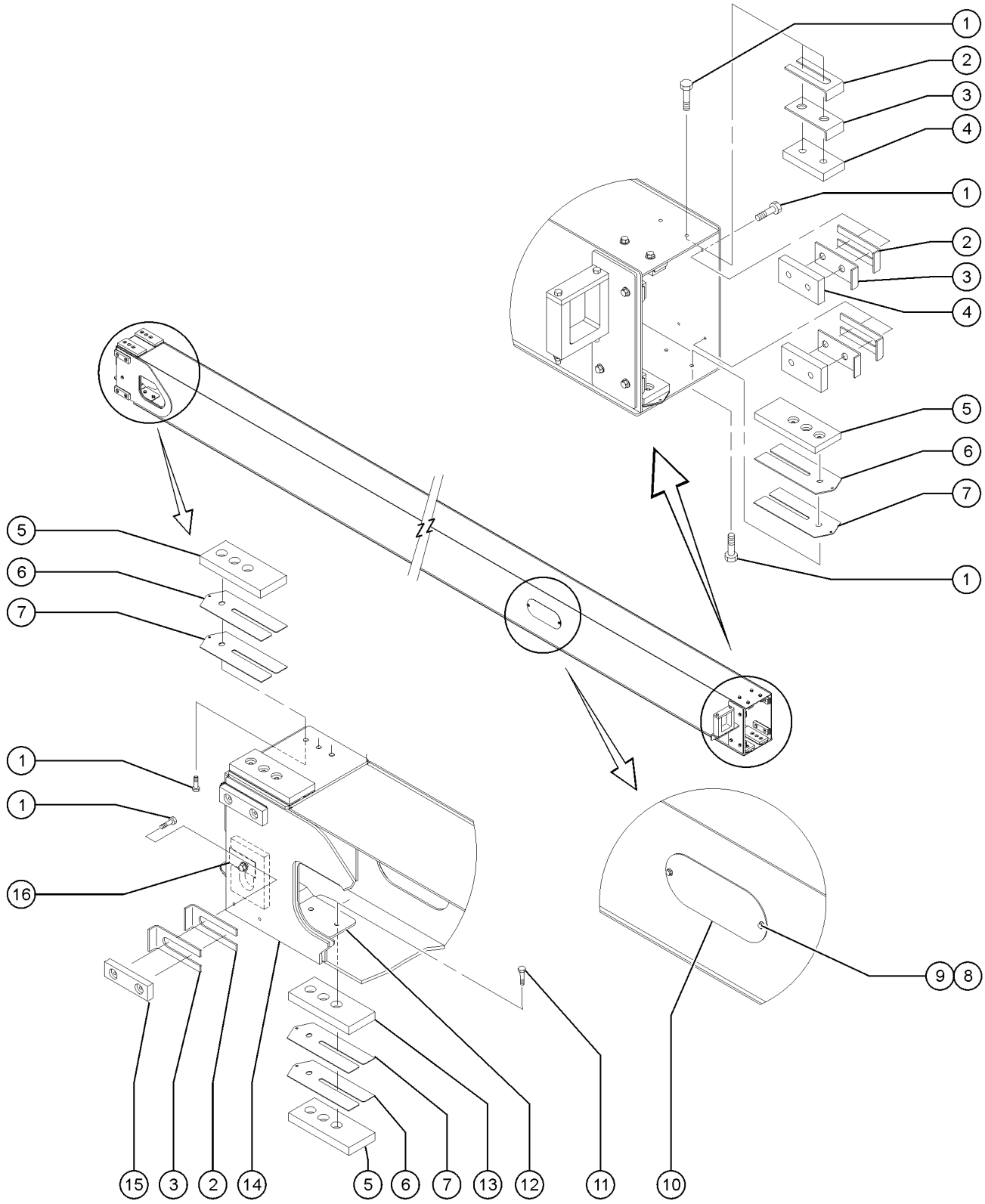
Item	Part No.	Description	Qty.
26	121754GT	BEARING,3.00IDX3.50DX2.25LG	2
27	50560GT	BEARING,1.25IDX1.50ODX1.50L	1
28	826379GT	PIN,CLEVIS,1X2.250,ZAG	1
29	110876GT	BEARING,1.5"ID X 1.75OD X1.25L	2
30	101559GT	BEARING,FL,2.50IDX2.75ODX1.61L	2
31C	227153GT	BOOM TUBE #1 ASSY,S85,W/WORD	1
31D	227154GT	BOOM TUBE #1 ASSY,S85,W/SYMB	1
32		Ref. LIMIT SWITCH (Refer to 312.1 and 313.1)	
33	30138GT	WEAR PAD,5 X 1.5 X .625 W/NUTS	2

502.3 Extension Boom Tube 1, S-80X



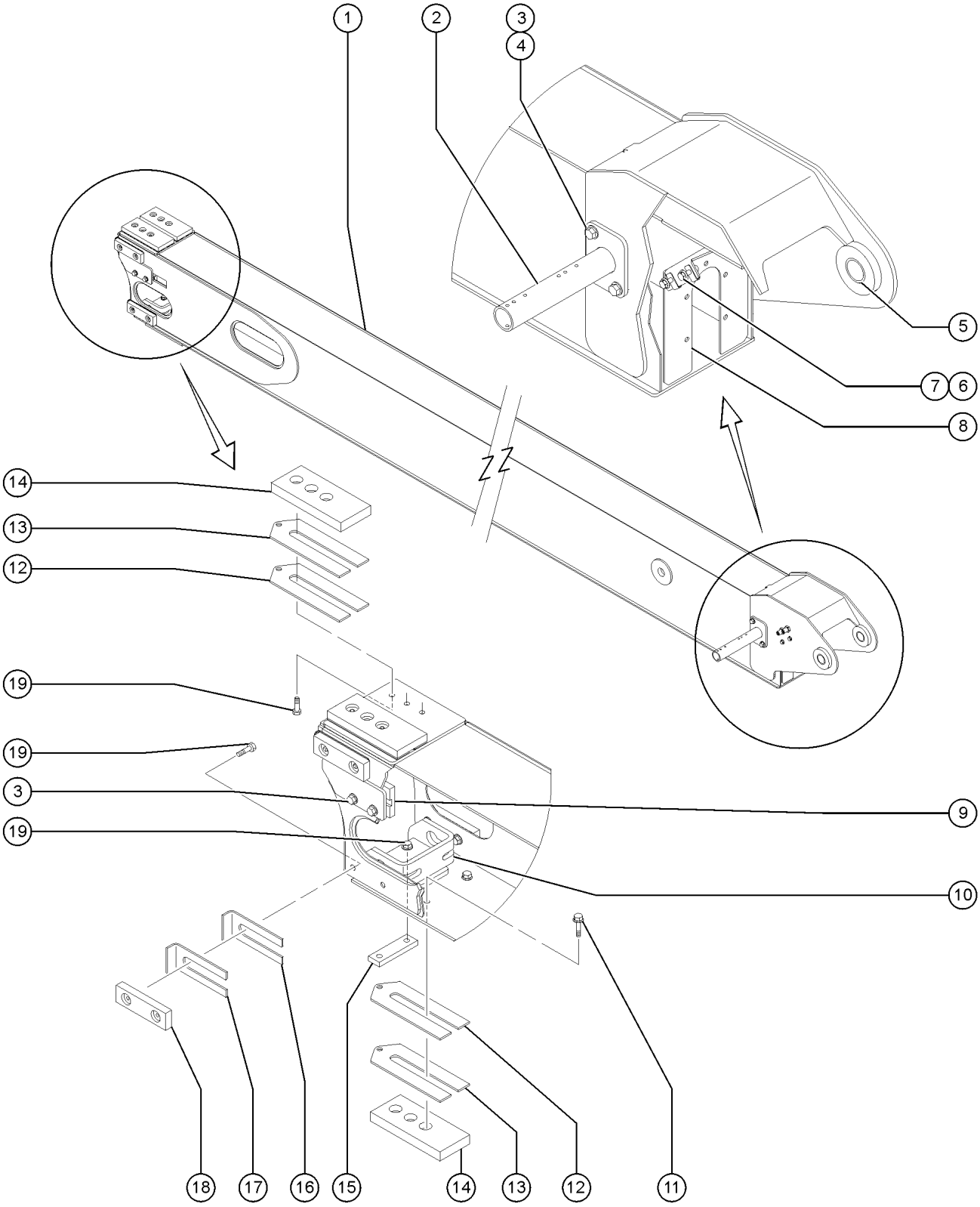
Item	Part No.	Description	Qty.
1	6888GT	SCREW, HHC, 1/4-20 X 1	
2	6638GT	WASHER, FLAT, USS, 1/4"Y	
3	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	3
4	6091GT	NUT, NYLOCK, 1/4-20	
5	824093GT	SCREW, HHF, 3/8-16 X 1.75, 8, ZAG	
6	47222GT	WASHER, SHOULDER, NYLON	2
7	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	2
8	5397GT	WASHER, FLAT, USS, 5/16-18	
9	4828GT	NUT, NYLOCK, 3/8-16	
10	147628GT	COVER, LIMIT SWITCH ARM MOUNT	1
11	6782GT	NUT, NYLOCK, 5/16-18	
12	6021GT	WASHER, LOCK, .375	
13	147578GT	SCREW,SHC,3/8 X 1.75 SHOULDER	
14	147662GT	SPRING,.975"OD X 1.50"LG	1
15	54380GT	SCREW,PHILLIPS,PHM,8-32 X .875	
16	18605GT	NUT,NYLOCK,8-32	
17	T106478GT	HARN,LS OP PRI.DUAL CAP	1
17-	139644-14B61GT	LIMIT SWITCH,BLUE,MICRO	
18	T106479GT	HARN,LS SAFETY,PRI.DUAL CAP	1
18-	139644-14B61GT	LIMIT SWITCH,BLUE,MICRO	
19	147631GT	WELDMENT, LIMIT SWITCH ARM	1
20	147505GT	WEARPAD, LIMIT SWITCH GUIDE	1
21	6637GT	SCREW,HHC,1/4-20 X 1.75	

503.1 Extension Boom Tube 2



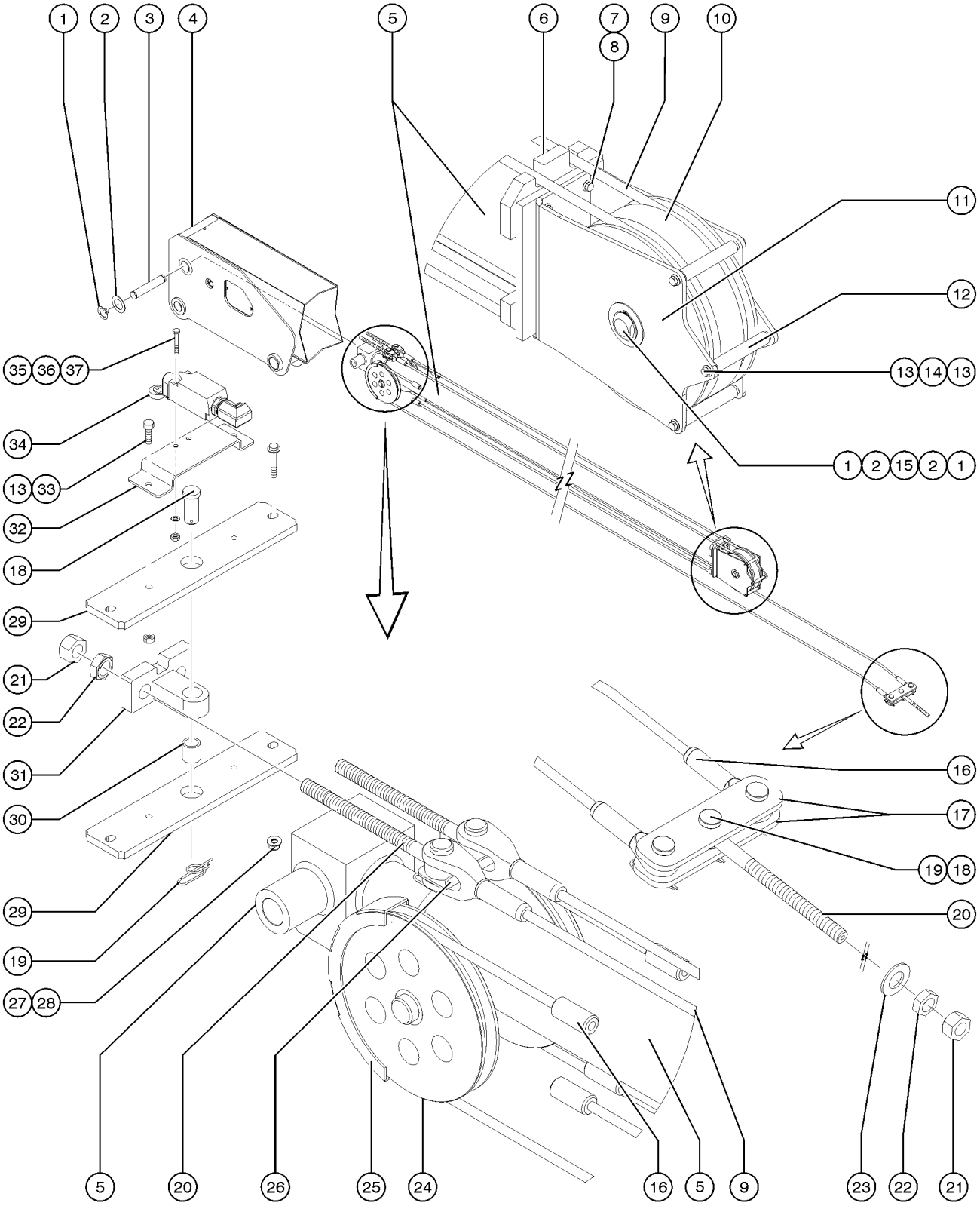
Item	Part No.	Description	Qty.
1	121066GT	SCREW,HHC,FLG,3/8-16 X 1 GR8	30
2	29080GT	SHIM,WEAR PAD,5X 1.5 16GA	as needed
3	38620GT	SHIM,WEAR PAD,5 X 1.5,14GA	as needed
4	73461GT	WEAR PAD,5 X 1.5 X .875 W/NUTS	6
5	88648GT	WEAR PAD,7X3X.625 W/NUTS	5
6	60304GT	SHIM,WEAR PAD,7 X 3,12GA	as needed
7	60840GT	SHIM,WEAR PAD,7 X 3,16GA	as needed
8	121419GT	SCREW,HHF,1/4-20 X .75	
9	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	4
10	77884GT	COVER,BOOM SECTION #2	2
11	122209GT	SCREW,HHF,3/8-16 X1.50	
12	121045GT	FORMING,LS RAMP	1
13	121164GT	BAR,SPACER	1
14	147620GT	WELDMENT, BOOM SEC #2, S80 DC	1
15	30138GT	WEAR PAD,5 X 1.5 X .625 W/NUTS	4
16	121658GT	CAP,EXTENSION	2

504.1 Extension Boom Tube 3



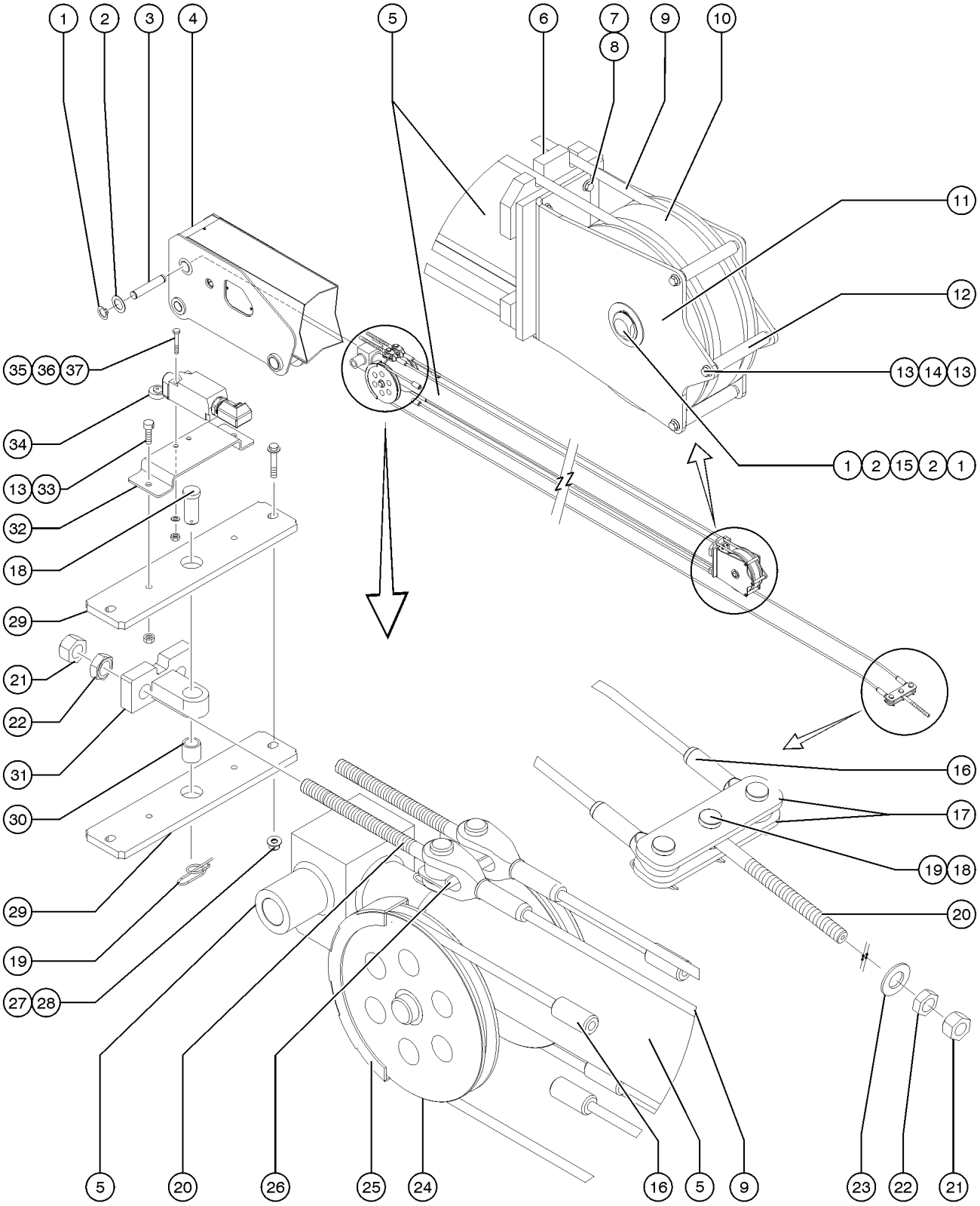
Item	Part No.	Description	Qty.
1	122393GT	BOOM TUBE 3 WITH WORD DECALS to SN 8360	
1-	147542GT	BOOM TUBE 3 W/WORD DECALS from SN 8361	
1-	122394GT	BOOM TUBE 3 WITH SYMBOL DECALS to SN 8360	
1-	147543GT	BOOM TUBE 3 W/SYMBOL DECALS from SN 8361	
2	81347GT	WELDMENT,TRACK PULL TUBE PIVOT	1
3	123557GT	FLGHCS,3/8-16X1.25,GR8,BLK PH	
4	121422GT	NUT,HEX,FLG,3/8-16	
5	147544GT	BEARING,1.25IDX1.50ODX2.25L	
6	121420GT	SCREW,HHF,1/4-20 X 1.00	
7	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	2
8	1285171GT	FORMNG,DEBRIS CVR #3,PAINTED,BLUE	1
9	121163GT	PLATE,CABLE BLOCK	2
10	121160GT	WELDMENT,EXTENSION BRACKET	1
11	121763GT	SCREW,HHF,3/8-16X.75	
12	60840GT	SHIM,WEAR PAD,7 X 3,16GA	4
13	60304GT	SHIM,WEAR PAD,7 X 3,12GA	4
14	88648GT	WEAR PAD,7X3X.625 W/NUTS	4
15	77713PGT	PLATE,TAP BLOCK	1
16	29080GT	SHIM,WEAR PAD,5X 1.5 16GA	4
17	38620GT	SHIM,WEAR PAD,5 X 1.5,14GA	4
18	30138GT	WEAR PAD,5 X 1.5 X .625 W/NUTS	4
19	121066GT	SCREW,HHC,FLG,3/8-16 X 1 GR8	

505.1 Cable Assembly and Primary Extension Cylinder



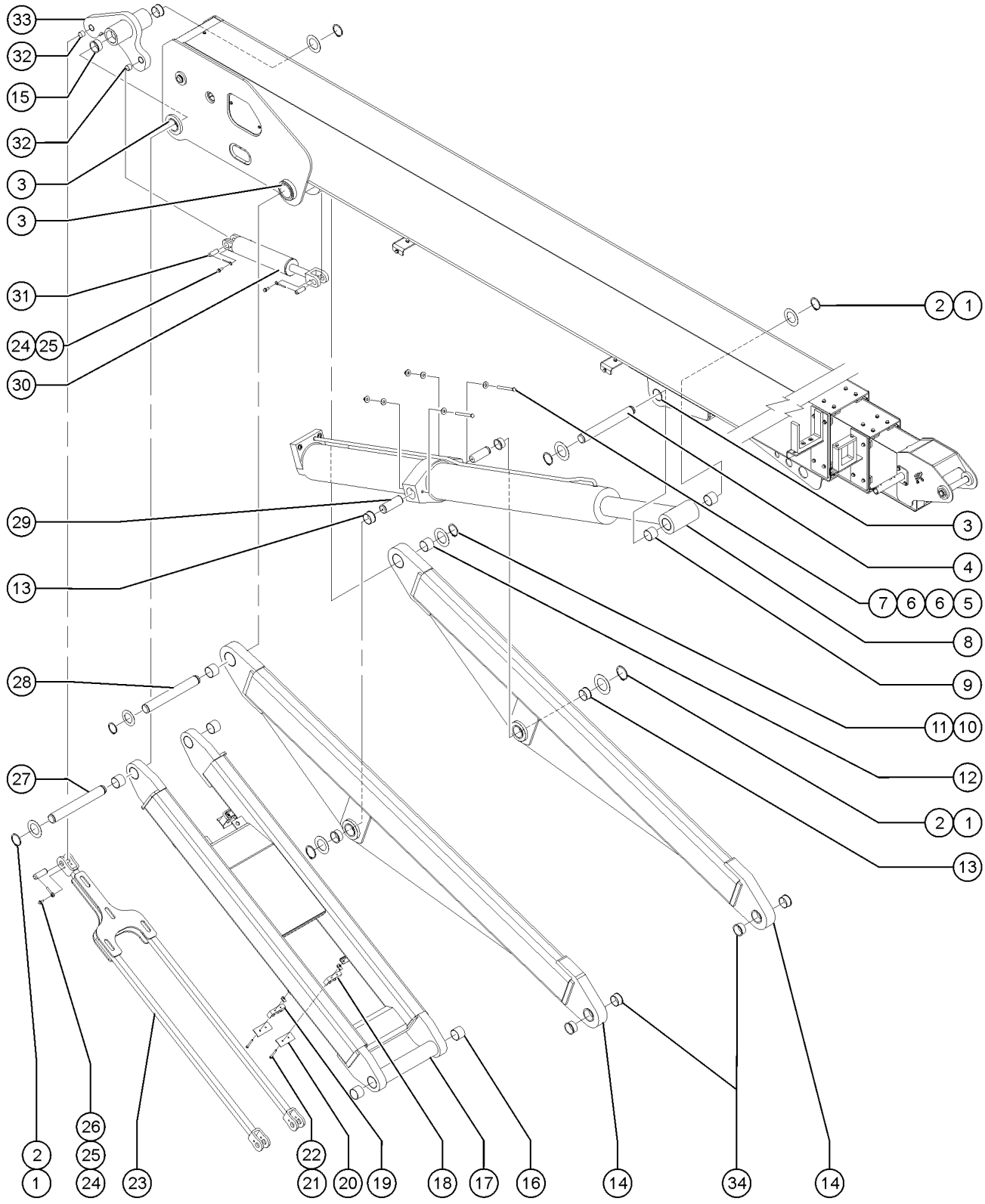
Item	Part No.	Description	Qty.
A	217710GT	KIT,EXT/RET CABLE REPLMNT,S80/85 Replaces all extension and retraction cables (contains all necessary hardware and fasteners) (for easier installation, suggest ordering 94510, below)	
B	94510GT	TOOL,CABLE GRIP, 7/16" For installation of 217710	
1	825796GT	SNAP RING,EXTERNAL,1.50,ZAG	4
2	18596GT	WASHER,FLAT,1.56 X 2.5 X .061	4
3	121034GT	PIN,1.500 X 15.000,2 RINGS	1
4		Ref. BOOM NUMBER 1 (refer to 502.1)	
5	121142GT	CYLINDER,PRIMARY EXTENSION***	1
5-	146058GT	SEAL KIT (121142)	
5-	77409GT	VALVE,COUNTERBALANCE,1000 ATM Retract valve	1
5-	121762GT	VALVE,COUNTERBALANCE,1000 ATM Extend valve	1
5-	43018GT	SEAL KIT (39345) Used with valves 77409 and 121762	
6	121155GT	GUIDE,EXT. CABLES	2
7	121075GT	SCREW,HHF,3/8-16X2.00	4
8	121422GT	NUT,HEX,FLG,3/8-16	4
9	232843GT	CABLE ASSEMBLY,EXTEND SET Contains two cables	1
10	121147GT	SHEAVE,EXTEND	1
11	121146GT	FORMING,BRACKET,EXTEND SHEAVE	1
12	121670GT	ROLLER,1/2" PVC	3
13	121419GT	SCREW,HHF,1/4-20 X .75	8
14	121671GT	ROLLER,1/2" ALUMINUM	3
15	121156GT	PIN,DIA. 1.50 X 5.875	1
16	232844GT	CABLE ASSEMBLY,RETRACT SET Contains two cables	1
17	121044GT	PLATE,RETRACT CABLE EQUALIZER	2
18	826379GT	PIN,CLEVIS,1X2.250,ZAG	4
19	74389GT	RUE RING 1.00	4
20	77656GT	ROD END,CABLE	3
21	10258GT	NUT,NYLOCK,3/4-10,GRD.2	3
22	6126GT	NUT,HEX,JAM,3/4-10	3

505.1 Cable Assembly and Primary Extension Cylinder



Item	Part No.	Description	Qty.
23	33278GT	WASHER, FLAT, .75 HARDENED	1
24	88568GT	SHEAVE,RETRACT CABLE(SMALLER)	2
25	121151GT	WELDMENT,RETRACT SHEAVE COVER	1
26	121189GT	PLATE,ANTIROTATION	1
27	121422GT	NUT,HEX,FLG,3/8-16	
28	121078GT	SCREW,FLANGE,HHC,3/8-16X2.5	
29	121028GT	PLATE,ROCKER	2
30	25817GT	BEARING,1.00IDX1.25ODX1.00L (Placed inside part 77795)	1
31	77795GT	MACHINED PIVOT PLATE WELDMENT	1
32	77653GT	FORMING,LIMIT SWITCH BRACKET	1
33	121421GT	NUT,FLG,1/4-20	
34		Ref. HARNESS,LS,CHAIN BREAK S80/85 (Refer to 312.1 or 313.1)	
35	51063GT	SCREW,PHILLIPS,RHM,10-32 X 1.5	
36	6146GT	WASHER,FLAT,MS,#10,Y	
37	6178GT	NUT, NYLOCK, 10-32	

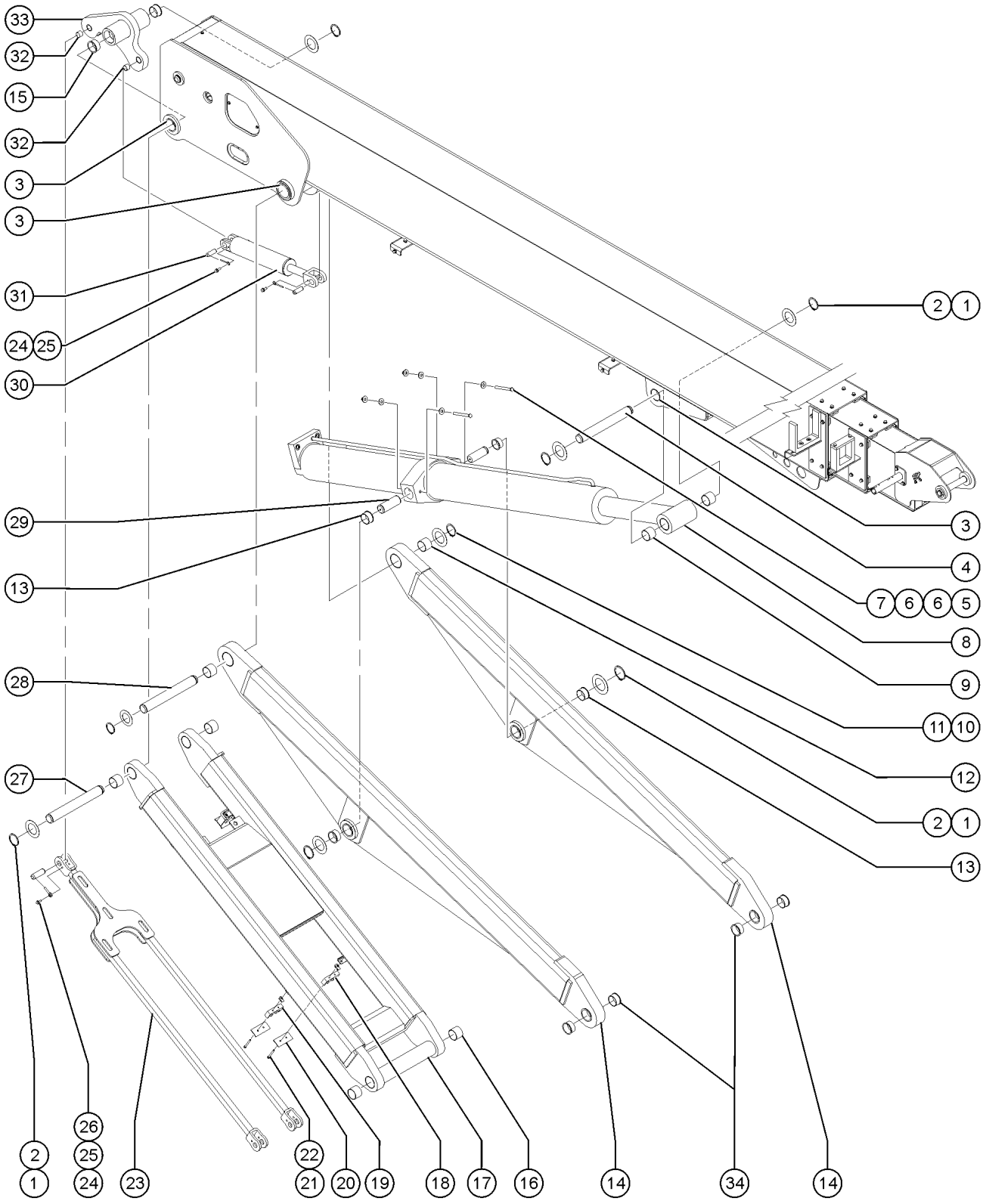
506.1 Boom Link Assembly - View 1



506.1 Boom Link Assembly - View 1

Item	Part No.	Description	Qty.
1	825760GT	SNAP RING,EXTERNAL,2.50,ZAG	6
2	29746GT	WASHER,FLAT,2.5 X 4 X .062	4
3		Ref. BEARING (Refer to 502.1)	
4	121031GT	PIN,2.50 X 12.200,2 RINGS	1
5	12461GT	SCREW,HHC,1/2-13 X 5,GRD.8	2
6	6095GT	WASHER,FLAT,USS,1/2",Y	4
7	6198GT	NUT, NYLOCK, 1/2-13	2
8	121140GT	CYLINDER,LIFT,S80-85***	1
8-	146059GT	SEAL KIT (121140)	
8-	31106GT	VALVE,CNTERBAL,CBBB-LHN@3000**	2
8-	43018GT	SEAL KIT (39345) Used on valve 31106	
8-	1251820GT	GLAND NUT SEAL ASSY	
9	27698GT	BEARING,2.50IDX2.75ODX2.00L	2
10	825762GT	SNAP RING,EXTERNAL,3.0,ZAG	2
11	1258728GT	WASHER,FLAT,3.062X4.5X.05,ZAG	2
12	121406GT	BEARING,3.00IDX3.25ODX2.50LG	2
13	101559GT	BEARING,FL,2.50IDX2.75ODX1.61L	4
14	122282GT	ASSEMBLY, WELDMENT	2
15	101566GT	BEARING,FL,2.50IDX2.75ODX1.36L	8
16	27698GT	BEARING,2.50IDX2.75ODX2.00L	4
17	122457GT	ASSEMBLY, WELDMENT	1
18	121087GT	CLAMP,HYD,SHORT LINK	2
19	121085GT	CLAMP,ELEC,SHORT LINK	2
19-	229337GT	CLAMP,ELEC.WELD OPT,SHORT LINK (Weld option); from SN 9125	
20	121089GT	CLAMP,TOP,SHORT LINK	4
20-	229338GT	CLAMP,TOP WELD OPT,SHORT LINK (Weld option); from SN 9125	
21	36294GT	SCREW,HHC,1/4-20 X 2.75	8
22	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	8

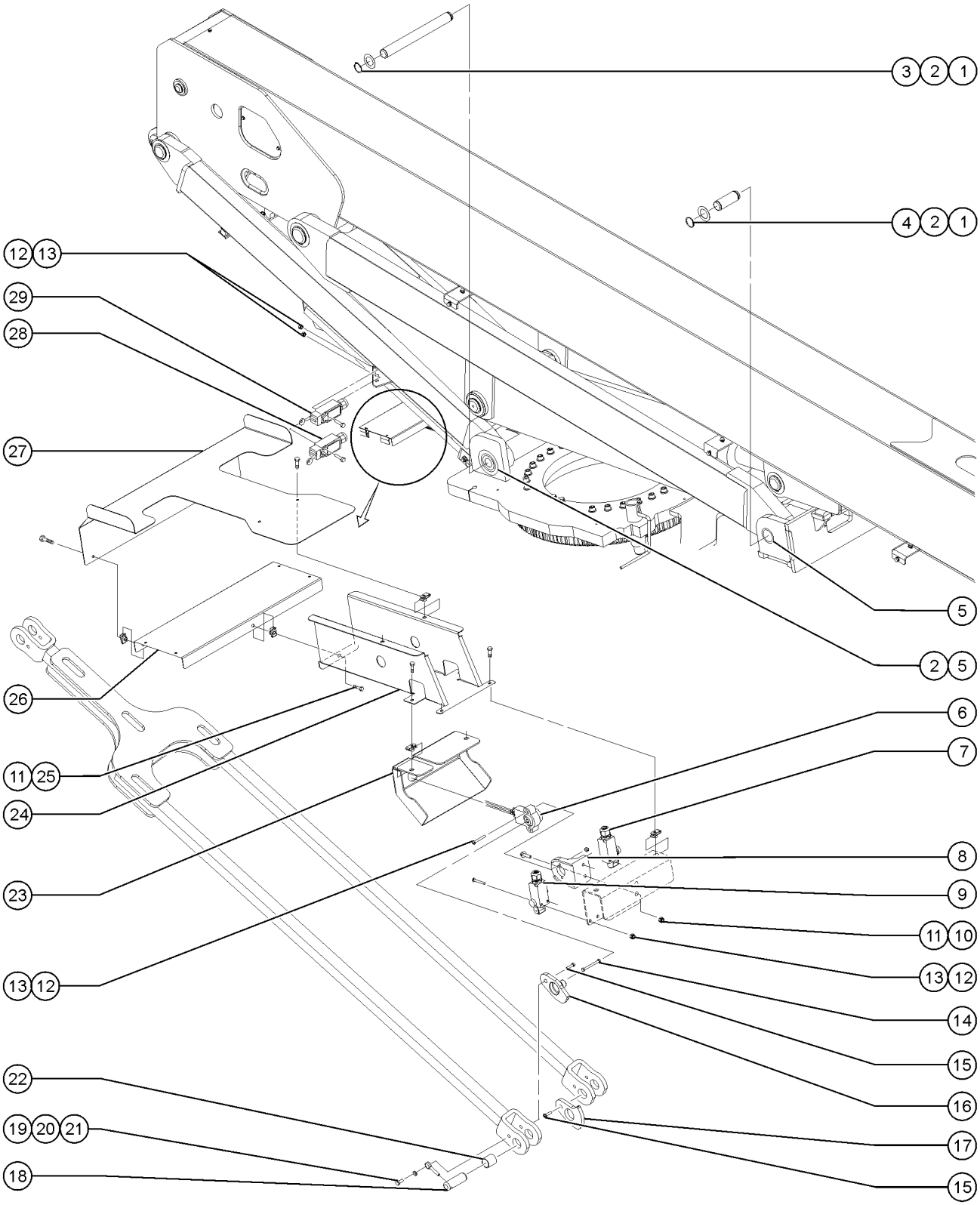
506.1 Boom Link Assembly - View 1



506.1 Boom Link Assembly - View 1

Item	Part No.	Description	Qty.
23	121646GT	WELDMENT,MASTER LINK (ANGLE SENSOR Calibration required after replacement)	1
24	121066GT	SCREW,HHC,FLG,3/8-16 X 1 GR8	
25	1255452GT	ROD END,.375 X 2.25,ZAG	
26	50742GT	PIN,1.25DIAX3.75LG,1HOLE	1
27	121032GT	PIN,2.500 X 19.750,2 RINGS	1
28	121033GT	PIN,3.000 X 21.500,2 RINGS	1
29	121039GT	PIN,2.500X6.900,1 RING,1 HOLE	2
30	121236GT	CYLINDER,MASTER***	1
30-	146060GT	SEAL KIT (121236)	
31	119032GT	PIN,1.25DIAX4.38LG,1HOLE	2
32	50560GT	BEARING,1.25IDX1.50ODX1.50L	2
33	122458GT	ASSEMBLY, TIMING LINK CAM	
34	121399GT	BEARING,2.50IDX2.75OBX1.25LG	2

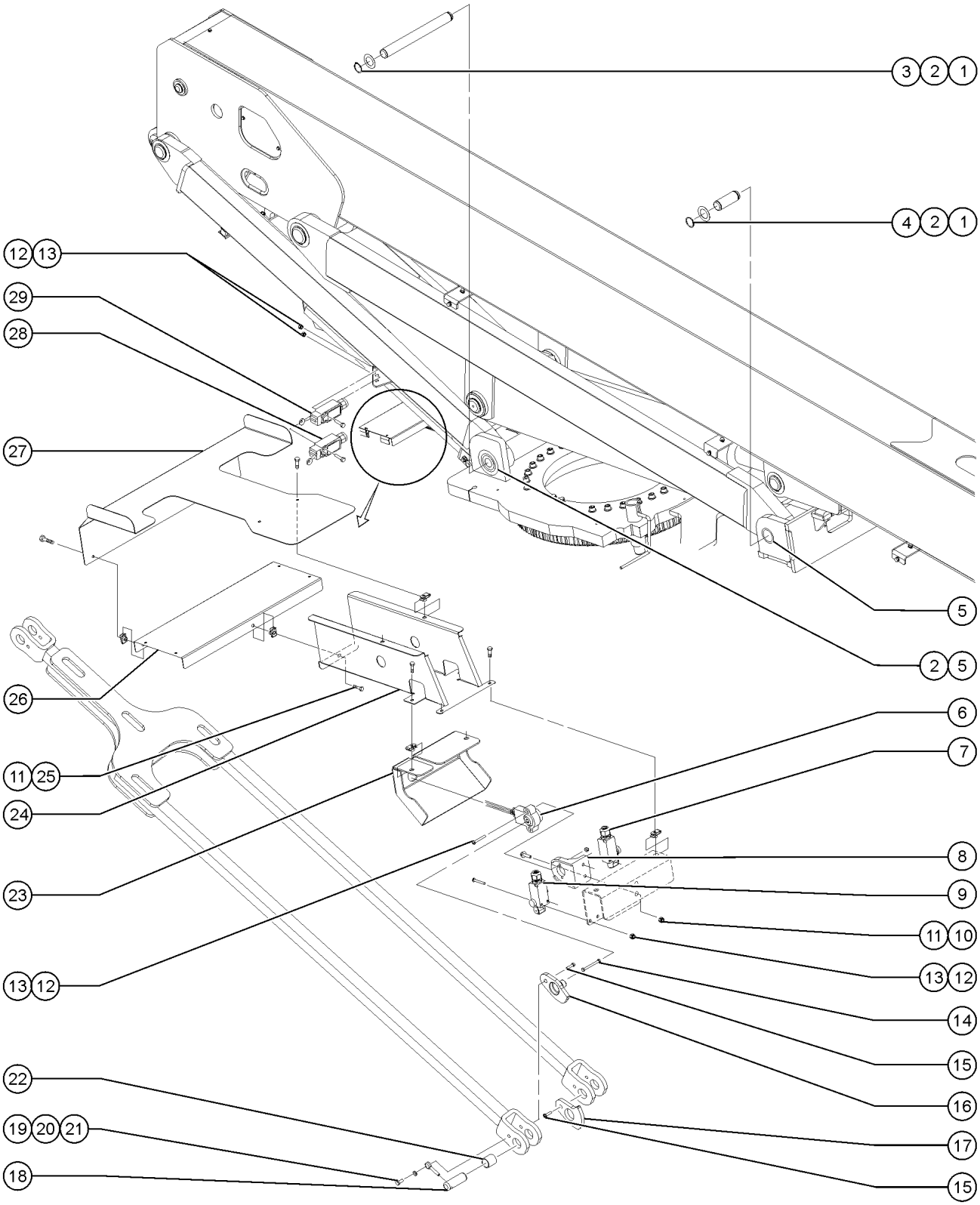
507.1 Boom Link Assembly - View 2



507.1 Boom Link Assembly - View 2

Item	Part No.	Description	Qty.
1	825760GT	SNAP RING,EXTERNAL,2.50,ZAG	6
2	29746GT	WASHER,FLAT,2.5 X 4 X .062	6
3	121388GT	PIN,2.50DIAX24.50,2RINGS,TAPER	1
4	121387GT	PIN,2.50DIAX7.00,2 RINGS,TAPER	2
5	121399GT	BEARING,2.50IDX2.75OBX1.25LG	4
6	94980GT	SENSOR,DUAL OUTPUT,ANGLE*** (Calibration required after replacement)	1
7	121499GT	HARN,LS,SPD REDUCT S80.85 2008 Limit switch. Speed reduction, (refer to 312.1 or 313.1)	1
7-	110771-121C7GT	LIMIT SW,TAB,BLUE METAL	
8	121391GT	INJECTION,ANGLE SENSOR BRACKET	1
9	121469GT	HARN,LS,BOOM ANGLE S80/85 2008 Limit switch. Speed reduction, (refer to 312.1 or 313.1)	1
9-	110771-141C7GT	LIMIT SW.TAB,BLUE METAL	
10	121421GT	NUT,FLG,1/4-20	2
11	121420GT	SCREW,HHF,1/4-20 X 1.00	11
12	6178GT	NUT, NYLOCK, 10-32	6
13	51063GT	SCREW,PHILLIPS,RHM,10-32 X 1.5	6
14	101599GT	KEY,BALL POINT HEX	1
15	75051GT	SCREW,SER FLNG3/8UNCX3/4ZNYEL	2
16	121650GT	INJECTION, 10 DEGREE LIMIT CAM	1
17	121651GT	INJECTION, 65 DEGREE LIMIT CAM	1
18	50742GT	PIN,1.25DIAX3.75LG,1HOLE	2
19	49857GT	SCREW,HHC,3/8-16 X .88,GRD 8	2
20	6021GT	WASHER, LOCK, .375	2
21	1255452GT	ROD END,.375 X 2.25,ZAG	2
22	50560GT	BEARING,1.25IDX1.50ODX1.50L	2
23	121865GT	LIMIT SW COVER	1
24	121822GT	WELDMENT,CABLE GUIDE	1
25	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	9
26	121819GT	FORMING,CABLE SUPPORT	1

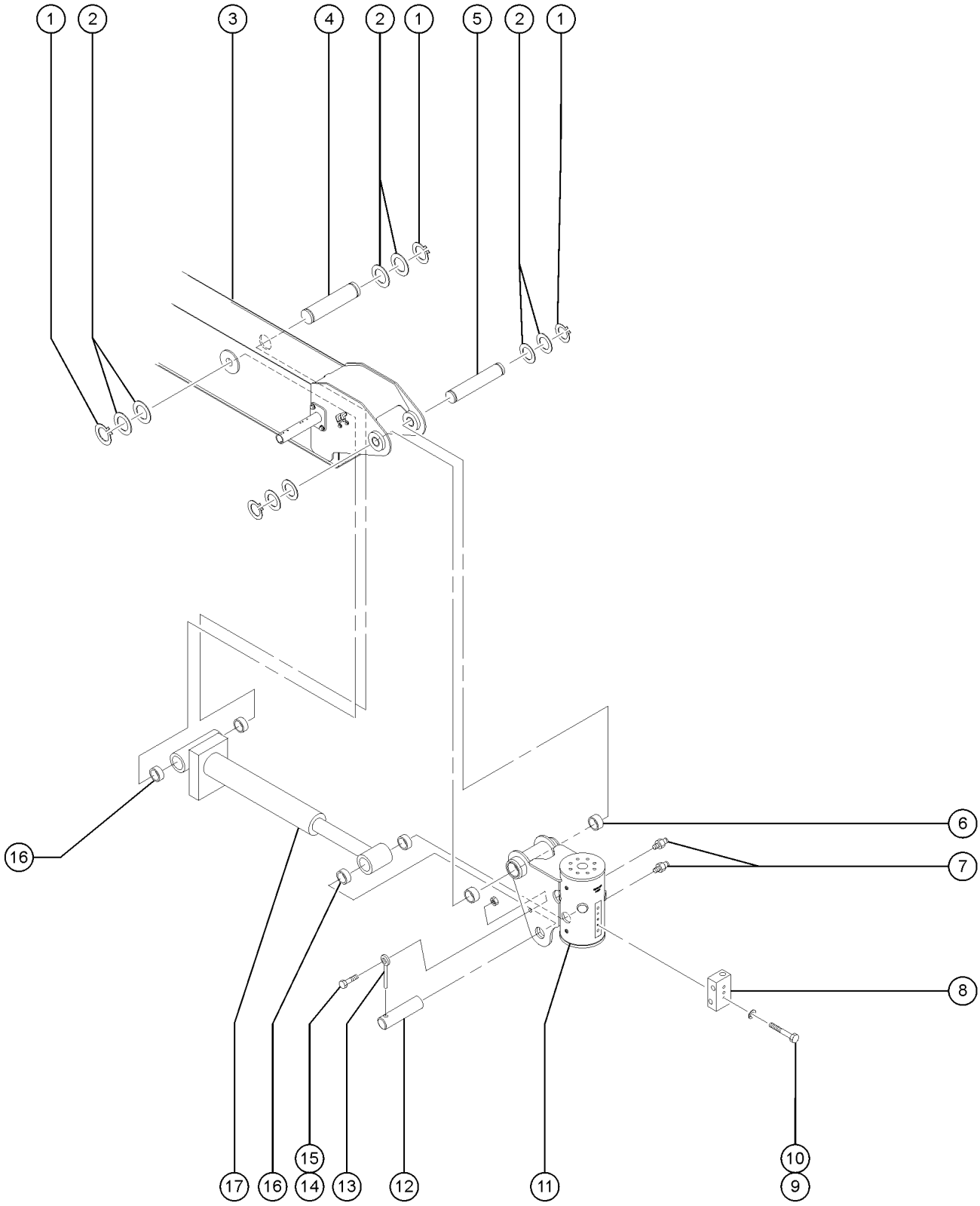
507.1 Boom Link Assembly - View 2



507.1 Boom Link Assembly - View 2

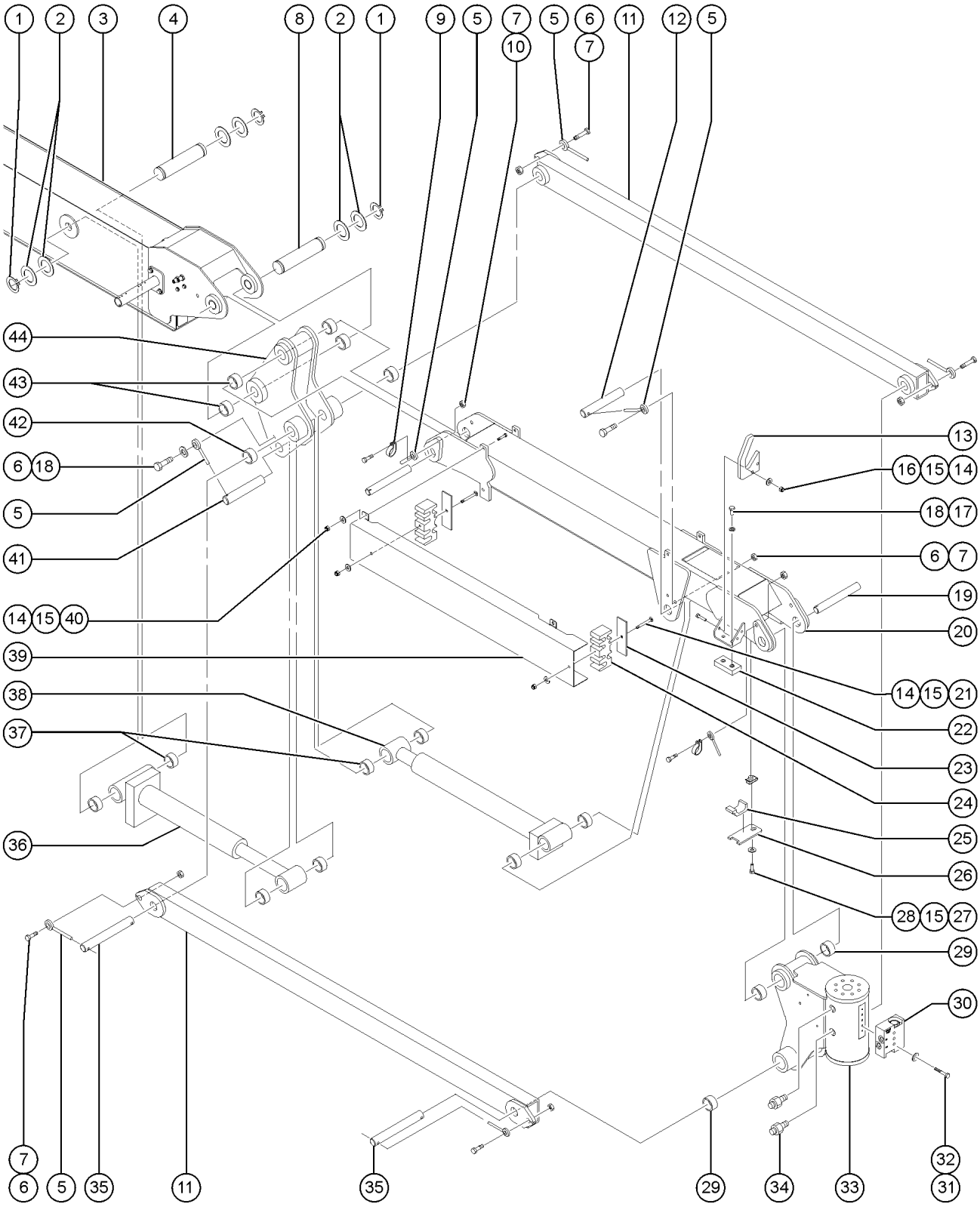
Item	Part No.	Description	Qty.
27	1284188GT	FORMING,CABLE COVER,BLUE,S80/85	1
28	T107193GT	HARN,LS OP PRI VEL LST3O (Refer to 312.1 or 313.1)	1
28-	110771-13107GT	SWITCH,LIMIT,W/RLLR ARM,NO/NC	
29	T107194GT	HARN,LS SAFETY PRI VEL LST3S S-80X only. When replacing, customer must calibrate Angle Sensor item 6 (94980). (Refer to 312.1)	1
29-	110771-11117GT	SWITCH,LIMIT,W/RLLR ARM,NO/NC	

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



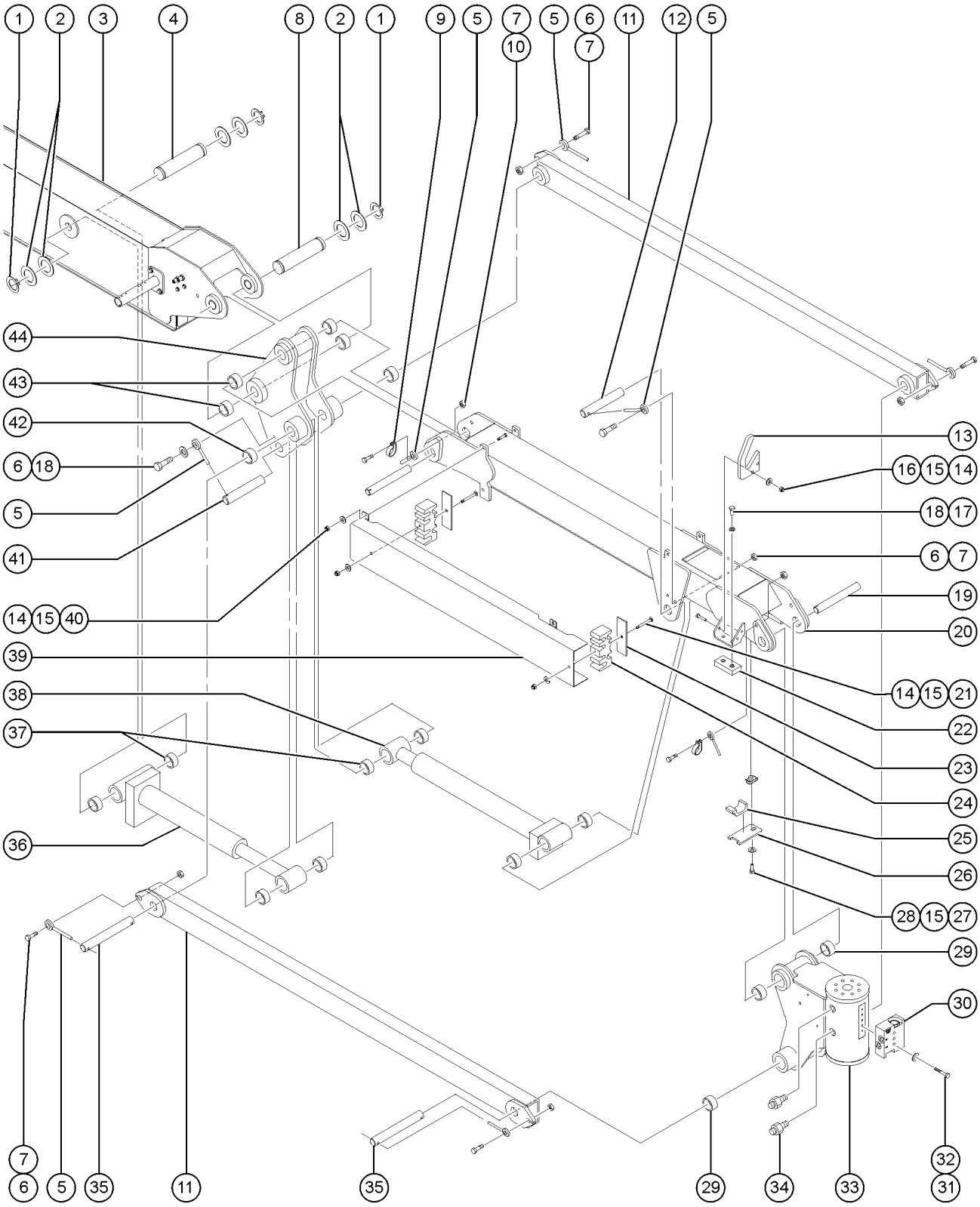
Item	Part No.	Description	Qty.
A-	61283GT	SLEAVING,PARKER TEK,2.00"	24 inches
1	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	4
2	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	
3		Ref., BOOM TUBE 3 Refer to 504.1	
4	88345GT	PIN,1.25DIAX8.26LG,2RING	1
5	147485GT	PIN,1.250 X 10.125, 2 RINGS	
6	30370GT	BEARING,1.25IDX1.5ODX1.00L	2
7	88516GT	SCREW,BLEEDER,M5X0.8	
8		Ref., ROTATOR MANIFOLD Refer to 704.1	
9	6145GT	SCREW, HHC, 1/4-20 X 1.5	
10	6356GT	WASHER, LOCK, .25	
11A	94398GT	ROTATOR,PLAT,NON-JIB S-80; to SN 8360	1
11A-	122944GT	SEAL KIT,8K ROTATOR*** Use with rotator 94398 and 88576	
11B	88576GT	ROTATOR,NON-JIB S-80; from SN 8361	
11B-	122944GT	SEAL KIT,8K ROTATOR*** Use with rotator 94398 and 88576	
11C	226541GT	ROTATOR,PLATFORM,15K S-80X; from SN 8500	
11C-	226542GT	SEAL KIT, 15K ROTATOR Use with rotator 226541; from SN 8500	
11C-	147370GT	SEAL KIT,15K ROTATOR Use with rotator 107836; to SN 8819	
12	T108075GT	PIN,1.25DIAX5.25LG,1HOLE	1
13	825019GT	ROD END, .375X3.69, ZAG	2
14	8516GT	SCREW, HCC, 3/8-16 X 1.50	
15	4828GT	NUT, NYLOCK, 3/8-16	
16	25683GT	BEARING,POLYGON,20DU12	4
17	121234GT	CYLINDER,LEVEL (Includes item 16)	1
17A-	237237GT	SEAL KIT (121234)	
17B-	77303GT	VALVE, CNTRBAL 3500 PSI, ATM VEN	
17C-	43018GT	SEAL KIT (39345) Use with valve 77303	

509.1 Jib Boom and Platform Rotator, S-85



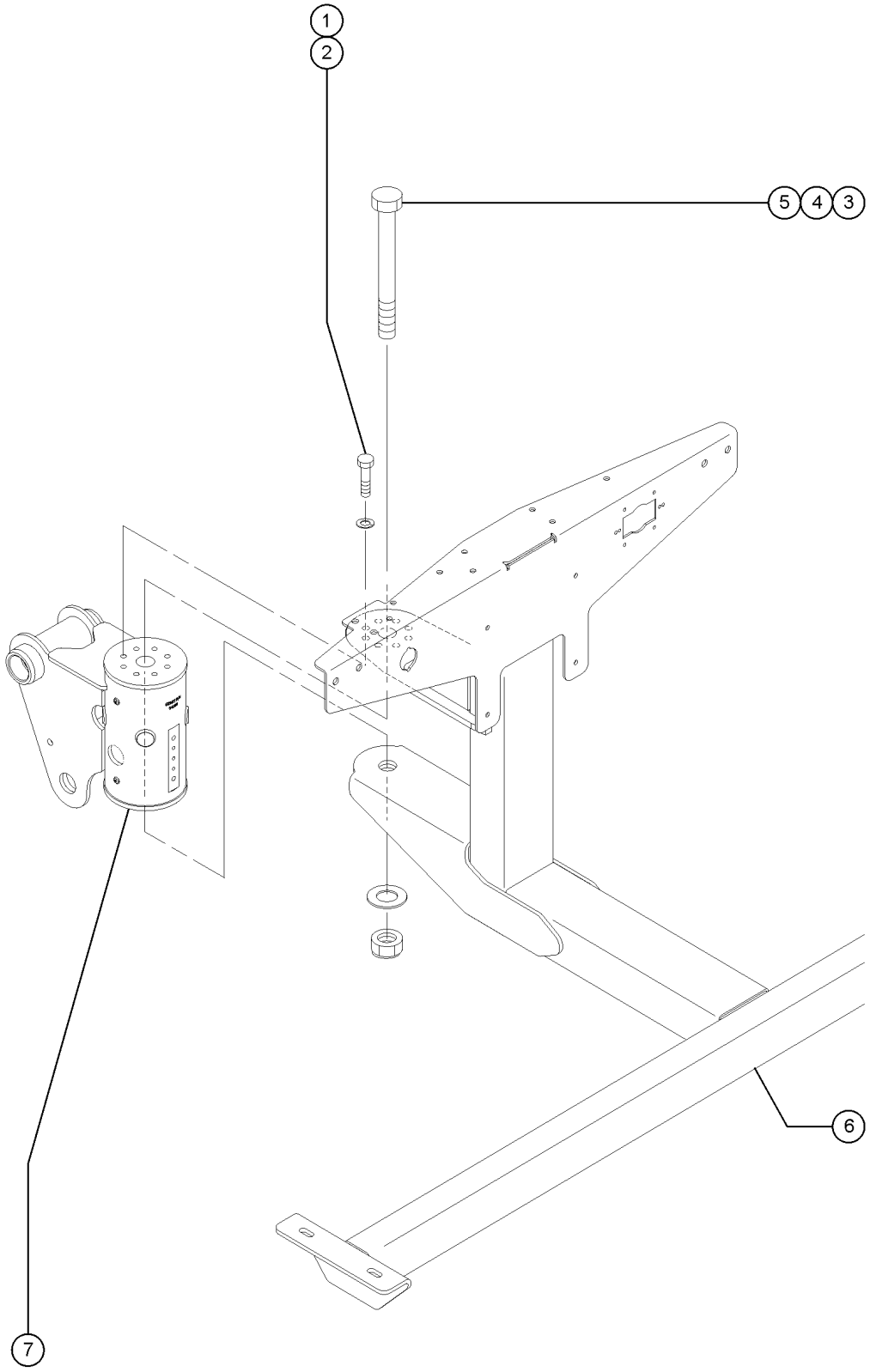
Item	Part No.	Description	Qty.
	61283GT	SLEAVING,PARKER TEK,2.00"	24 inches
1	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	4
2	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	
3		Ref., BOOM TUBE 3 (Refer to 504.1)	
4	88345GT	PIN,1.25DIAX8.26LG,2RING	1
5	825019GT	ROD END, .375X3.69, ZAG	9
6	8516GT	SCREW, HCC, 3/8-16 X 1.50	
7	4828GT	NUT, NYLOCK, 3/8-16	
8	147485GT	PIN,1.250 X 10.125, 2 RINGS	
9	77181GT	CLAMP,1.63,#26 X 3/8,RUB CUSH	2
10	5224GT	SCREW,HHC,3/8-16 X 2	
11	61306-SGT	COMPR.LINK,MACHINED,GND CONTR*	2
12	T108077GT	PIN,1.25DIAX7.00LG,1HOLE	1
13	128482GT	HOSE GUIDE, JIB	1
14	6091GT	NUT, NYLOCK, 1/4-20	
15	6638GT	WASHER, FLAT, USS, 1/4"Y	
16	8915GT	SCREW, HHC, 1/4-20 X 1.25	
17	8255GT	SCREW,HHC,3/8-16 X .75	
18	6021GT	WASHER, LOCK, .375	
19	T108076GT	PIN,1.25DIAX7.88LG,1HOLE	2
20	128534GT	JIB BOOM ASSY W/WORD DECAL	
21	128724GT	BOLT,CARRIAGE,1/4-20 X 2.75,G2	
22	81640GT	WEAR PAD,3 X 1.5 X.625 W/NUTS	2
23	128483GT	BACKING PLATE, HOSE BLOCK, JIB	2
24	121857GT	CLAMP,JIB HOSE/CABLE	2
25	119542GT	CLAMP,TWO HOSE	1
26	119536PGT	BRACKET,HOSE CLAMP,PAINTED	1

509.1 Jib Boom and Platform Rotator, S-85



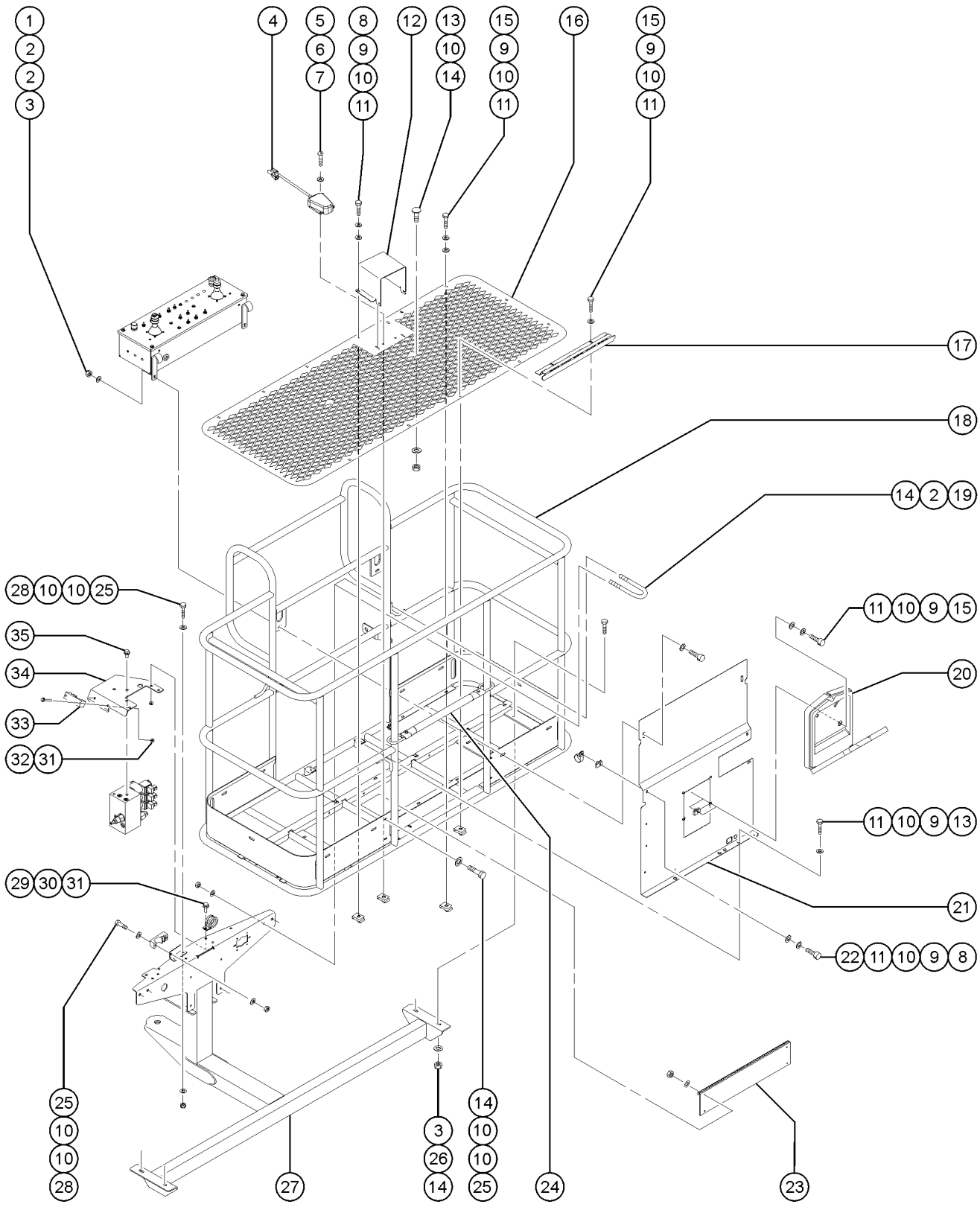
Item	Part No.	Description	Qty.
27	6090GT	SCREW, HHC, 1/4-20 X .75	
28	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	1
29	30222GT	BEARING,FL,1.25IDX1.41ODX1.50L	
30		Ref. MANIFOLD (Refer to 703.1)	
31	6145GT	SCREW, HHC, 1/4-20 X 1.5	
32	6638GT	WASHER, FLAT, USS, 1/4"Y	
33	94397GT	ROTATOR,PLAT JIB,160 DEG***	1
33-	122944GT	SEAL KIT,8K ROTATOR***	
33-	75395GT	BEARING KIT,PLAT ROTATOR,SUPER	
33-	88516GT	SCREW,BLEEDER,M5X0.8	
34	88516GT	SCREW,BLEEDER,M5X0.8	2
35	81175GT	PIN,1.25DIAX14.45LG,2HOLE	
36	121234GT	CYLINDER,LEVEL (Includes item 37)	1
36-	237237GT	SEAL KIT (121234)	
36-	77303GT	VALVE, CNTRBAL 3500 PSI, ATM VEN	
36-	43018GT	SEAL KIT (39345) Use with valve 77303	
37	25683GT	BEARING,POLYGON,20DU12	
38	63213GT	CYLINDER,JIB (STICK BOOMS) (Includes item 37)	1
38-	63353GT	SEAL KIT,CYL,S65 (63213)	
38-	33428GT	VALVE,COUNTERBALANCE	
38-	43018GT	SEAL KIT (39345)	
39	128454PGT	COVER, JIB HOSES/CABLES	1
40	79456GT	BOLT,CARRIAGE,1/4-20 X 1.00,G2	
41	T108075GT	PIN,1.25DIAX5.25LG,1HOLE	1
42	128268GT	BEARING,FL, 1.25X1.5X2.13	2
43	35675GT	BEARING,FL,1.25IDX1.5ODX1.25L	
44	89801GT	BELLCRANK ASSY W/BEARINGS (Includes items 42 and 43); to SN 8360	1
44-	101244GT	BELLCRANK W/BEARINGS (Includes items 42 and 43); from SN 8361	

510.1 Platform Installation



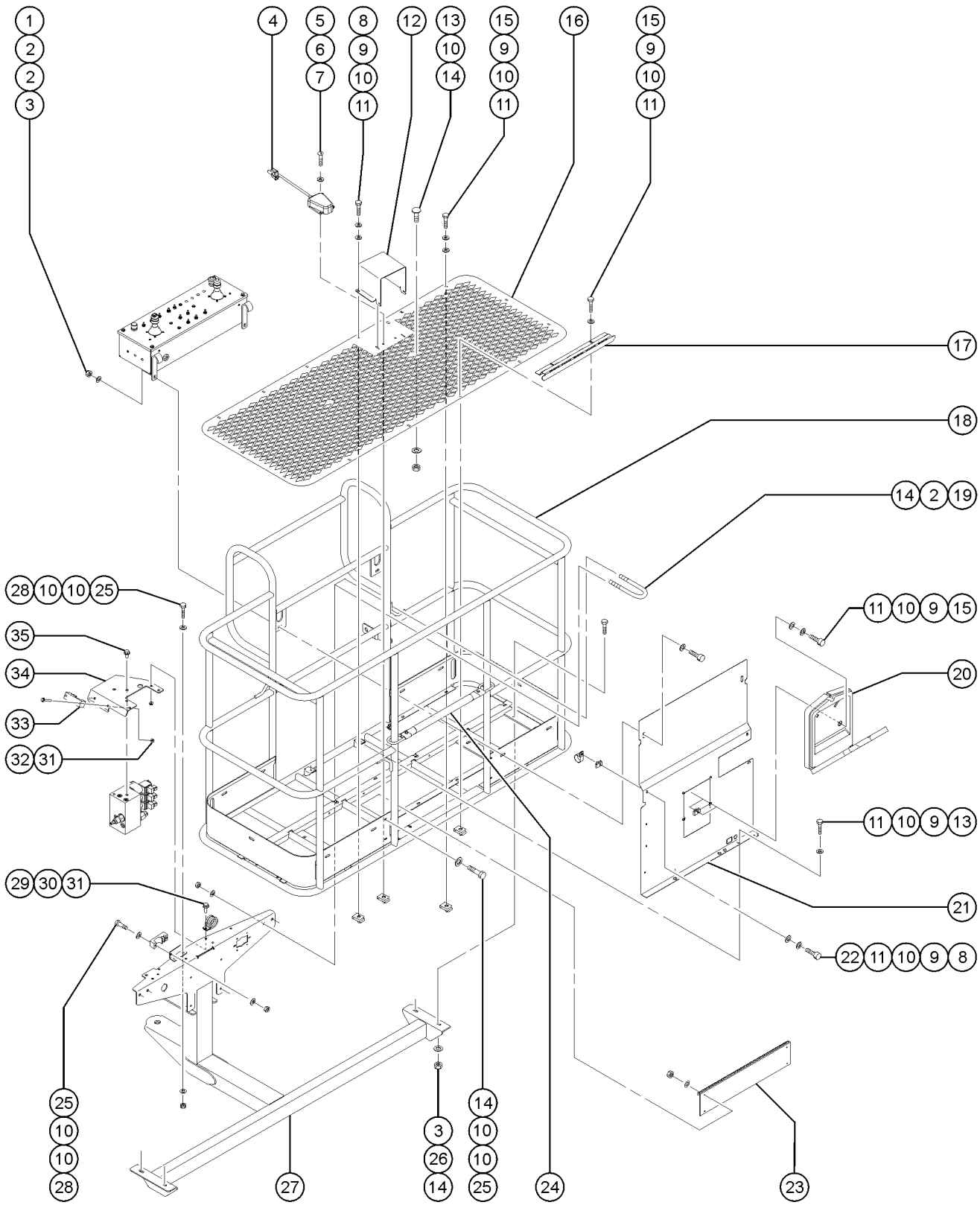
Item	Part No.	Description	Qty.
1	49857GT	SCREW,HHC,3/8-16 X .88,GRD 8	8
1-	111389GT	SCREW,HHC,1/2-13 X 1, GR 8 Only for S-80X ANSI	
2	57201GT	WASHER,FLAT,313, HARDENED to SN 12986	8
2-	826793GT	WASHER,FLAT,3/8,SAE,HRD,ZAG from SN 12987	
3	73928GT	SCREW,HHC,1-8 X 11,GRD 5***	1
3-	824075GT	SCREW, HHC, 1-8 X 12.75, 5, ZAG Only for S-80X ANSI	
4	122079GT	WASHER,FLAT,1.000,HARDENED	1
5	29764GT	NUT,NYLOCK,1-8	
6		Ref. PLATFORM MOUNT (Refer to 601.1)	
7		Ref. PLATFORM ROTATOR (Refer to 508.1 or 509.1)	

601.1 Platform Installation



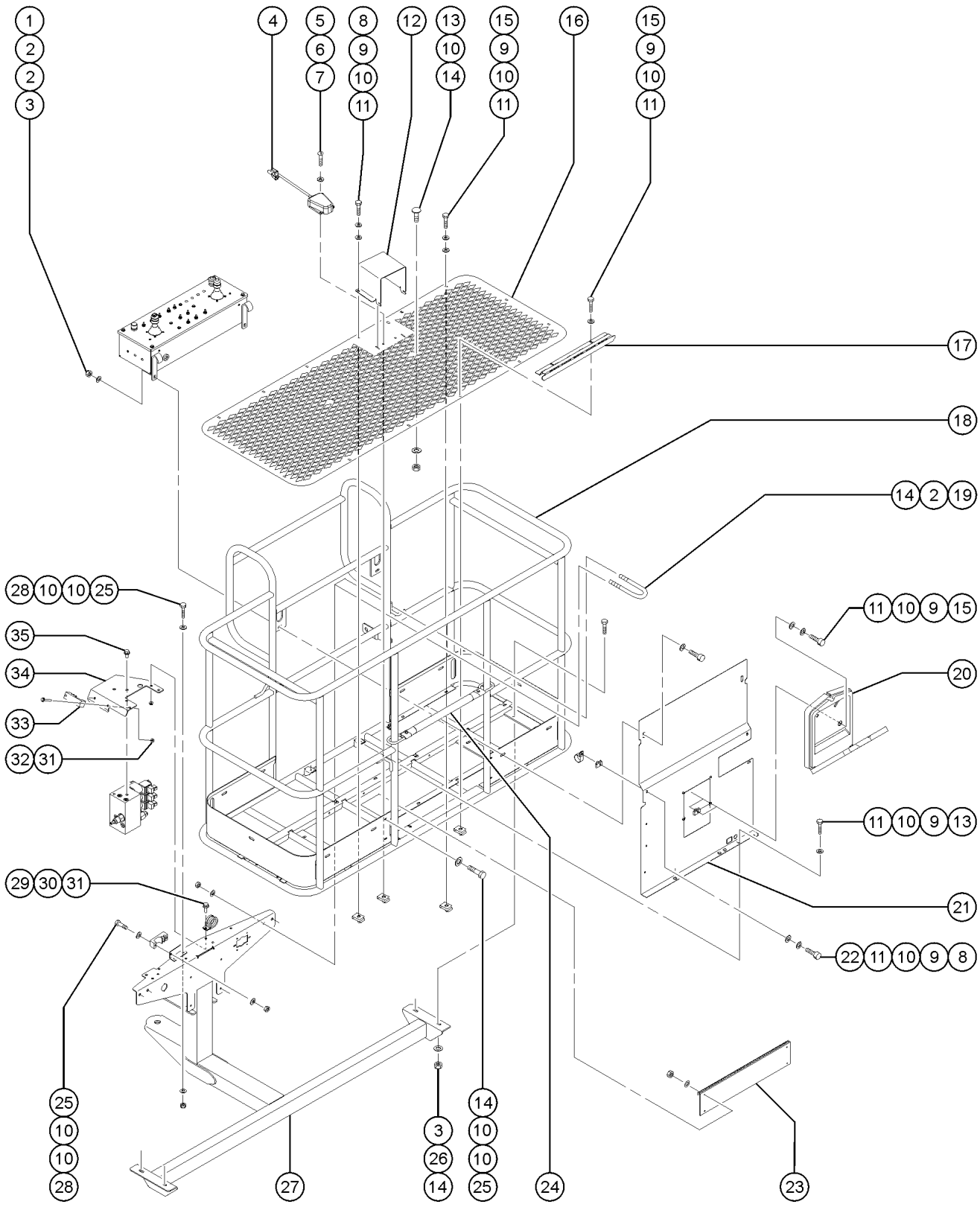
Item	Part No.	Description	Qty.
A-	122800GT	PLATFORM ASSEMBLY,4FT USA/CAN (Word decals) USA and Canadian models	
B-	122801GT	PLATFORM ASSEMBLY,5FT USA/CAN (Word decals) USA and Canadian models	
C-	122802GT	PLATFORM ASSEMBLY,6FT USA/CAN (Word decals) USA and Canadian models	
D-	122803GT	PLATFORM ASSEMBLY,8FT USA/CAN (Word decals) USA and Canadian models	
E-	122804GT	PLAT ASSEMBLY,4FT, AUSTRALIA (Word decals) Australian models	
F-	122805GT	PLAT ASSEMBLY,5FT, AUSTRALIA (Word decals) Australian models	
G-	122806GT	PLAT ASSEMBLY,6FT, AUSTRALIA (Word decals) Australian models	
H-	122807GT	PLAT ASSEMBLY,8FT, AUSTRALIA (Word decals) Australian models	
I-	102547GT	PLAT.ASSY,4FT,S80 EUROPEAN (Symbol decals) European models	
J-	102548GT	PLAT.ASSY,5FT,S80 EUROPEAN (Symbol decals) European models	
K-	102549GT	PLAT.ASSY,6FT,S80 EUROPEAN (Symbol decals) European models	
L-	102550GT	PLAT.ASSY,8FT,S80 EUROPEAN (Symbol decals) European models	
M-	102551GT	PLAT.ASSY,4FT,S80 ASIA/S.AMERI (Symbol decals) Asia and South American models	
N-	102552GT	PLAT.ASSY,5FT,S80 ASIA/S.AMERI (Symbol decals) Asia and South American models	
O-	102553GT	PLAT.ASSY,6FT,S80 ASIA/S.AMERI (Symbol decals) Asia and South American models	
P-	102554GT	PLAT.ASSY,8FT,S80 ASIA/S.AMERI (Symbol decals) Asia and South American models	
1	7713GT	NUT, LP NYLOCK, 3/8-16	
2	5397GT	WASHER, FLAT, USS, 5/16-18	
3	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
4	228466GT	KIT, FOOTSWITCH, S40/S80 Pervious foot switch is no longer available. Order kit 228466 for first time replacement (kit includes foot switch 227516)	1
4-	227516GT	ASSEMBLY,FOOT SWITCH	
5	73587GT	SCREW,PHIL,10-24 X .75	
6	6607GT	WASHER,LOCK,#10 PLTD	
7	73575GT	SPRING CLIP,10-24,.025-.125X.468,ZAG	
8	6888GT	SCREW, HHC, 1/4-20 X 1	
9	6356GT	WASHER, LOCK, .25	
10	6638GT	WASHER, FLAT, USS, 1/4"Y	
11	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	

601.1 Platform Installation



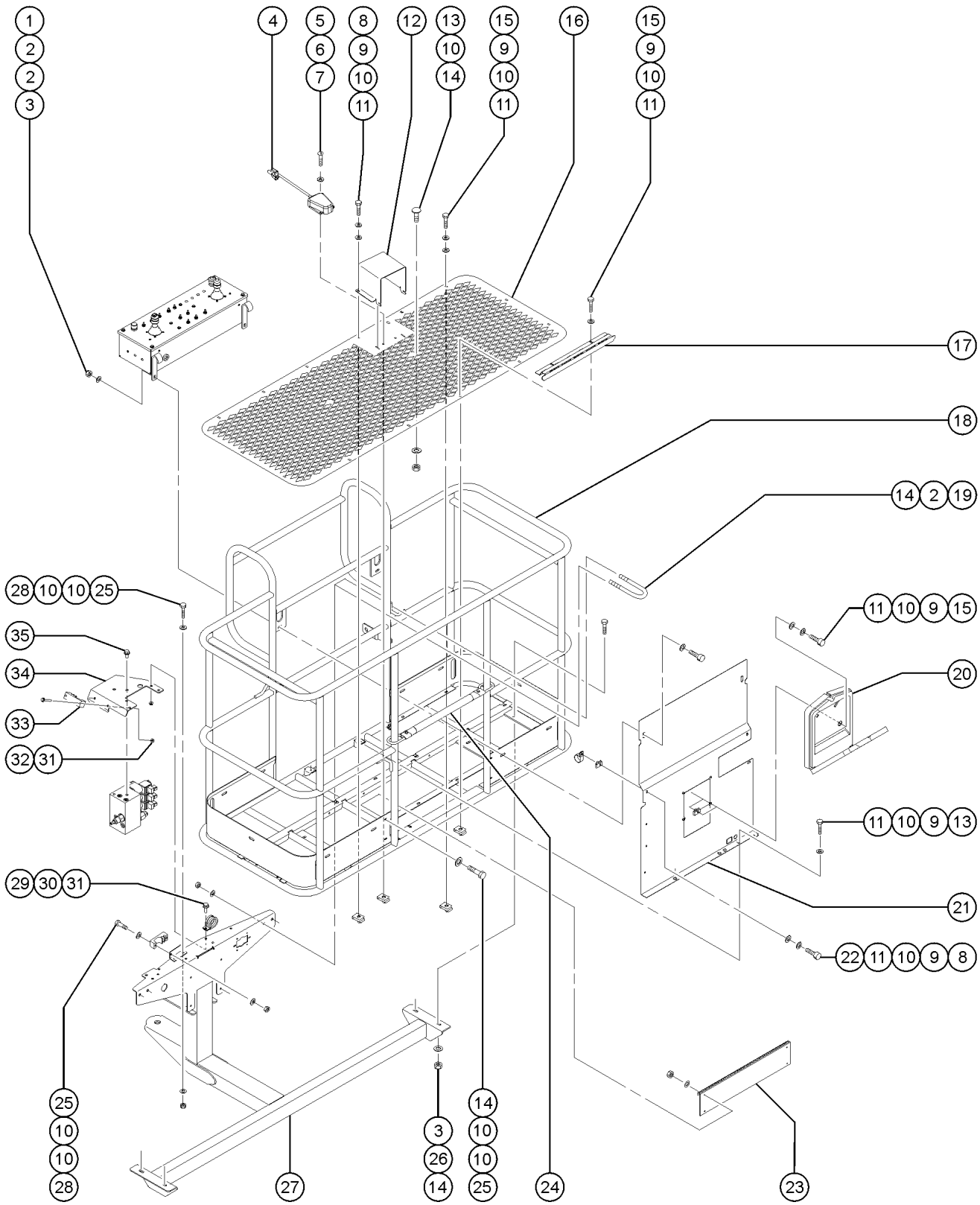
Item	Part No.	Description	Qty.
12	73931GT	GUARD,FOOTSWITCH,W/DECAL ALUM USA/Canada/Australia; from SN 8000 to 8310	1
12A-	147221GT	GUARD,FOOTSWITCH,W/DECAL ALUM USA/Canada/Australia; from SN 8311	
12B-	63766GT	COVER,FOOT SWITCH Europe/Asia/South America; from SN 8000 to 8310	
12C-	147121GT	COVER, FOOT SWITCH, LARGE Europe/Asia/South America; from SN 8311	
13	54274GT	SCREW,STEP BOLT,1/4-20 X .75	
14	4828GT	NUT, NYLOCK, 3/8-16	
15	6090GT	SCREW, HHC, 1/4-20 X .75	
16	60160PGT	FLOORING,4 FT PLATFORM,PAINTED	1
16-	54247-SGT	PLAT. FLOOR, 5FT, PAINTED	
16-	73477PGT	FLOORING, 6'FT PLATFORM	
16-	73478PGT	FLOORING, 8 FT PLATFORM***	
17	73610PGT	STEP PLATFORM ENTRY PAINTED***	1
18	111250GT	PLAT RAILW/DECALS,4FT,500LB AN USA and Canadian models	1
18-	111251GT	PLAT RAILW/DECALS,5FT,500LB AN USA and Canadian models	
18-	111252GT	PLAT RAILW/DECALS 6FT 500LB AN USA and Canadian models	
18-	111253GT	PLAT RAILW/DECALS 8FT 500 ANSI USA and Canadian models	
18A	60042-SGT	PLATFORM WELDMENT,4 FT Australian models	1
18A-	101377GT	PLAT ASSEMBLY,5FT,AUSTRALIA*** Australian models	
18A-	73900GT	WELDMNT,6 FT PLATFORM Australian models	
18A-	101383GT	PLAT RAIL ASSY,8FT,AUSTRALIA** Australian models	
18B	101373GT	PLATFORM ASSEMBLY,4FT,CE/UK European models	1
18B-	101376GT	PLATFORM ASSEMBLY,5FT,CE/UK European models	
18B-	101379GT	PLATFORM RAIL ASSY,6FT,CE/UK European models	
18B-	101382GT	PLATFORM RAIL ASSY,8FT,CE/UK European models	
18C	101375GT	PLAT ASSEMBLY,4FT,ASIA/S AM Asia and South American models	1
18C-	101378GT	PLAT ASSEMBLY,5FT,ASIA/S AM Asia and South American models	
18C-	101381GT	PLAT ASSEMBLY,6FT,ASIA/S AM Asia and South American models	
18C-	101384GT	PLAT ASSEMBLY,8FT,ASIA/S AM Asia and South American models	

601.1 Platform Installation



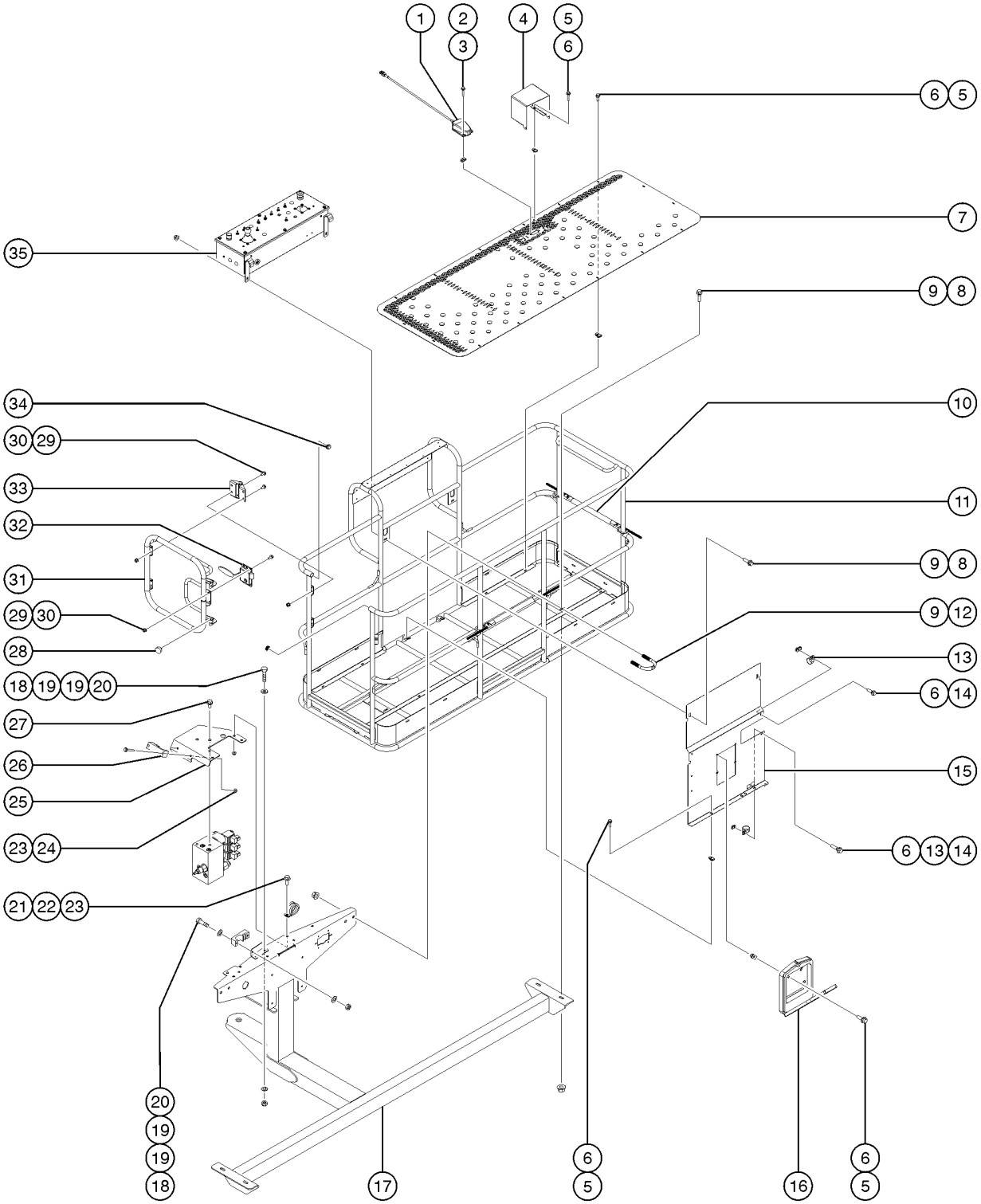
Item	Part No.	Description	Qty.
19	6550GT	U-BOLT,3/8 X 1 YZ	
20A	44743GT	MANUAL BOX W/DECALS*** USA/Canada/Australia	1
20B	24514GT	BOX, INSTRUCTION STORAGE** Europe/Asia/South America (decal required; refer to Section100)	
21	122832GT	DECAL PLATE W/WORD DECALS80/85	1
21-	102538GT	DECAL PLATE W/SYM DECAL S80Z80	
22	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	
23	94745PGT	TOEBOARD,ENTRY EUROPEAN PNTD**	1
24	102992GT	SLIDING MIDRAIL KIT,PTD	1
24-	12443GT	MIDRAIL GUIDE (HOOK)	
24-	139451GT	TUBE,SLIDING MIDRAIL,PAINTED	
24-	20973GT	WIRE LOOM,3/8 POLY SLIT	
24-	21121GT	CABLE TIE, 4" BLK, HEAT RESISTANT	
24-	6888GT	SCREW, HHC, 1/4-20 X 1	
24-	6638GT	WASHER, FLAT, USS, 1/4"Y	
24-	6091GT	NUT, NYLOCK, 1/4-20	
24-	97815GT	DECAL,LABEL,LOWER MIDRAIL	
25	6091GT	NUT, NYLOCK, 1/4-20	
26	6097GT	WASHER, FLAT, USS, 3/8", Y	
27A	60370-SGT	PLATFORM SUPPORT WELDMNT-SERV* ANSI models	1
27B	147347GT	WELDMENT, PLAT SUPPORT For S-80X ANSI only, from SN 8500	
27C	102679GT	OPTION,PLAT SUPPORT,4/5FT SRV	
27D		Ref. WELDMENT,PLATFORM SUPPORT,CE CE models (refer to 821.1)	
28	6145GT	SCREW, HHC, 1/4-20 X 1.5	
29	121419GT	SCREW,HHF,1/4-20 X .75	
30	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH	1
31	121421GT	NUT,FLG,1/4-20	
32	121067GT	SCREW,HHC,FLG,1/4-20 X 2.00	
33	121582GT	CLAMP,CABLE STRAIN RELIEF	1

601.1 Platform Installation



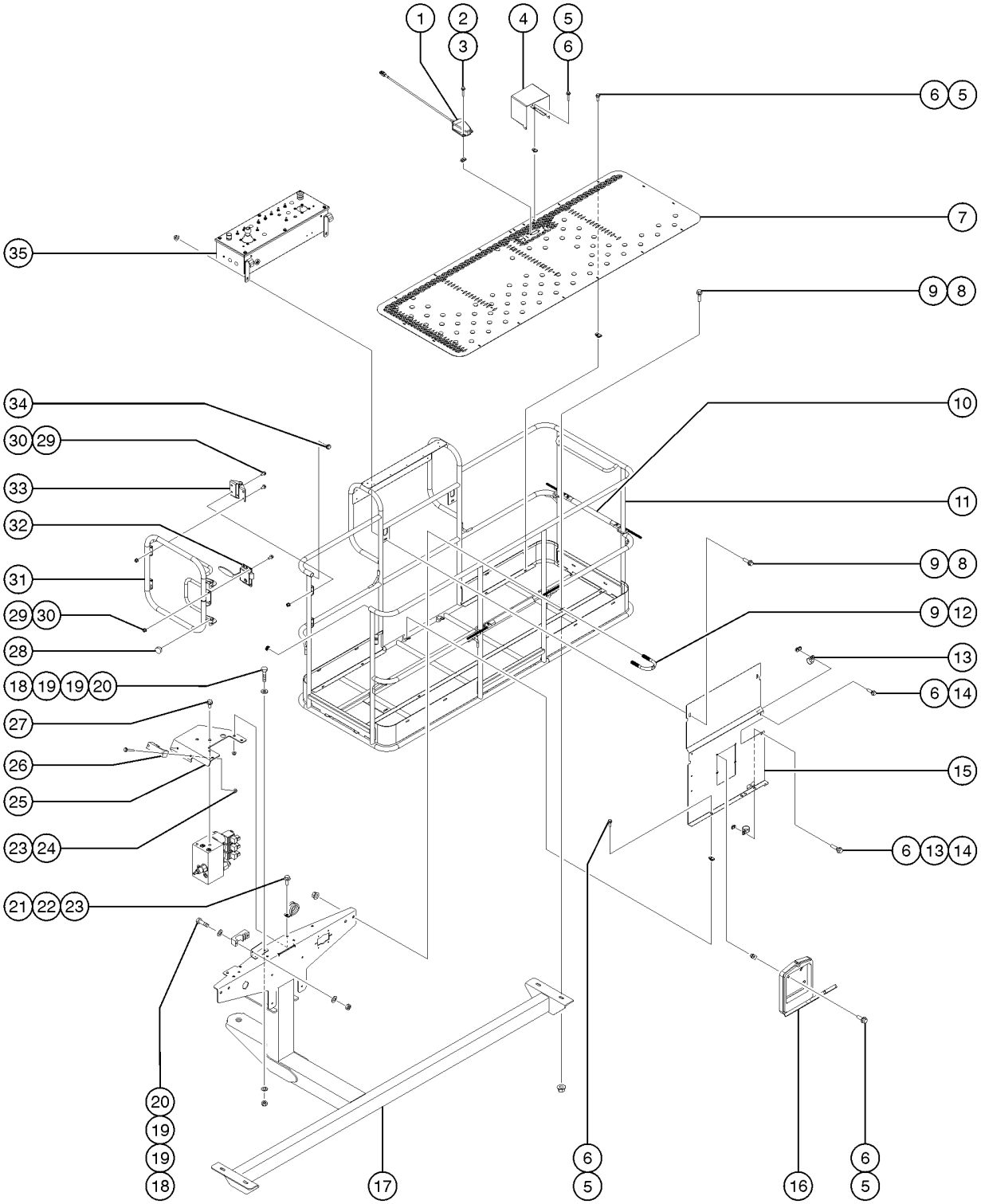
Item	*Part No.*	*Description*	*Qty.*
33-	T115766GT	CLAMP,STRAIN RELIEF,WK LT (Worklight option)	
34	121766GT	FORMING,PLATFORM MANIFOLD MNT	
35	121763GT	SCREW,HHF,3/8-16X.75	

601.2 Platform Installation



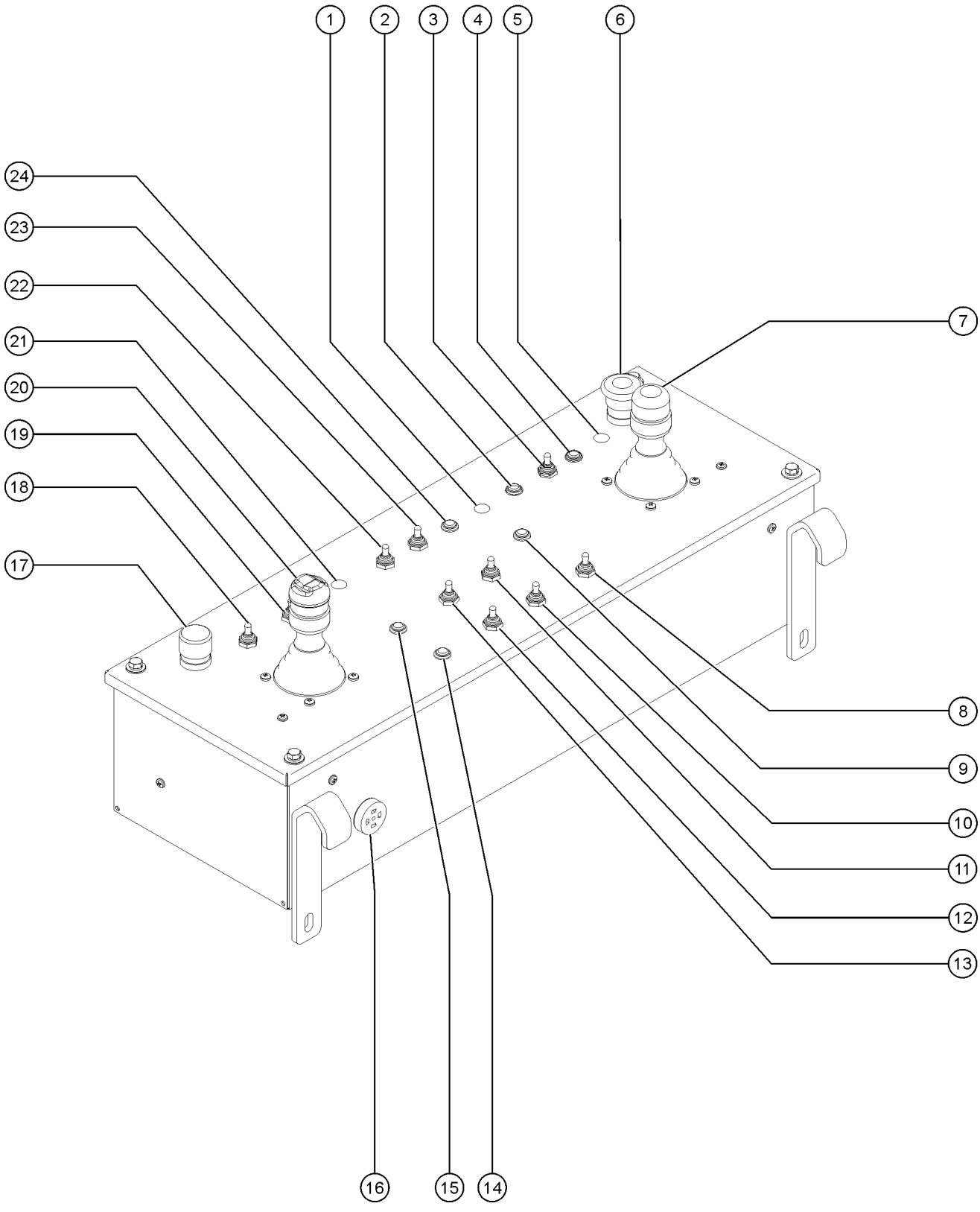
Item	Part No.	Description	Qty.
A-	1272304GT	ASSY,8FT PLAT TRI LG,BLANK Complete 8' platform assembly. Order decals separately. Refer to Section 100.	
B-	1272303GT	ASSY,6FT PLAT DUAL LG,BLANK Complete 6' platform assembly (North America, Australia markets). Order decals separately. Refer to Section 100.	
B-	1278858GT	6' PLATFORM W/SIDE SWING GATE KIT CE Complete 6' platform assembly (CE market). Order decals separately. Refer to SectIon 100.	
1	227516GT	ASSEMBLY,FOOT SWITCH	1
2	1269641GT	SCREW,HHF-S,10-24X1,5,ZAG	2
3	73575GT	SPRING CLIP,10-24,.025-.125X.468,ZAG	2
4	147121GT	COVER, FOOT SWITCH, LARGE	1
5	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	27
6	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	30
7A	73478PGT	FLOORING, 8 FT PLATFORM*** for 8' platform	1
7B	1267746GT	FLOORING, 72X30 PLATFORM for 6' platform	1
8	824091GT	SCREW, HHF, 3/8-16 X 1.25, 8, ZAG	6
9	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	10
10A	102992GT	SLIDING MIDRAIL KIT,PTD for 8' platform	2
10B	102992GT	SLIDING MIDRAIL KIT,PTD for 6' platform	1
11A	1274859GT	ASSY,8' PLAT WELDMENT W/SIDE GATE for 8' platform (includes item 10) (order floor separately)	
11B	1272303GT	ASSY,6FT PLAT DUAL LG,BLANK	
12	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	2
13	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	3
14	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	3
15	89377GT	PLATE,DOCUMENT BOX MOUNT	1
16	24514GT	BOX, INSTRUCTION STORAGE**	1
17A		Ref.WELDMENT,PLATFORM SUPPORT,CE CE models (refer to 821.1)	
17B	147347GT	WELDMENT, PLAT SUPPORT For S-80X ANSI only,	
17C	60370-SGT	PLATFORM SUPPORT WELDMNT-SERV* ANSI models	
18	6145GT	SCREW, HHC, 1/4-20 X 1.5	
19	6638GT	WASHER, FLAT, USS, 1/4"Y	
20	6091GT	NUT, NYLOCK, 1/4-20	

601.2 Platform Installation



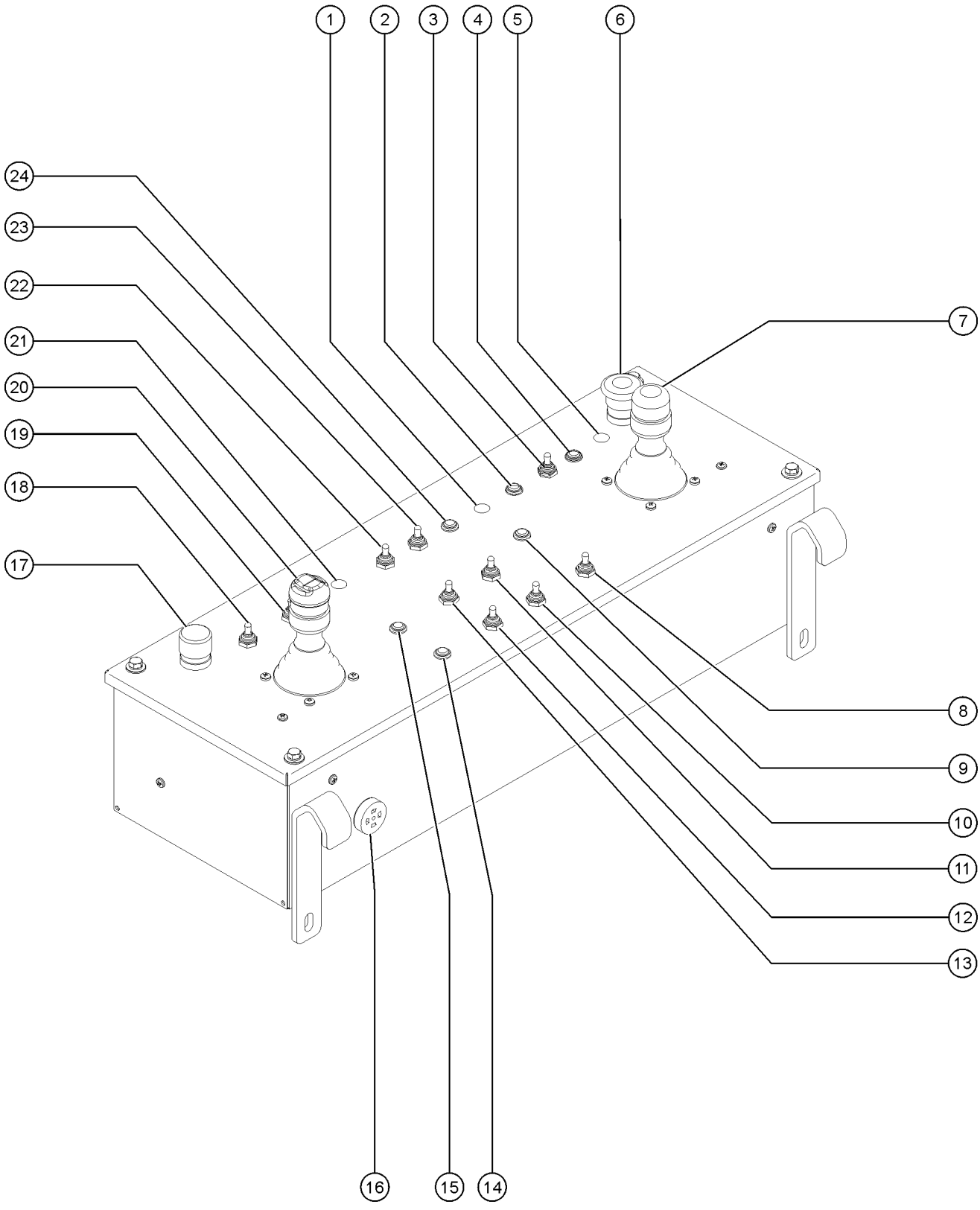
Item	Part No.	Description	Qty.
21	121419GT	SCREW,HHF,1/4-20 X .75	
22	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH	1
23	121421GT	NUT,FLG,1/4-20	
24	121067GT	SCREW,HHC,FLG,1/4-20 X 2.00	
25	121766GT	FORMING,PLATFORM MANIFOLD MNT	
26	121582GT	CLAMP,CABLE STRAIN RELIEF	1
26-	T115766GT	CLAMP,STRAIN RELIEF,WK LT (Worklight option)	
27	121763GT	SCREW,HHF,3/8-16X.75	
28	43392GT	BUMPER,BATTERY BOX & RAILS	2
29	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	12
30	1256855	SCREW,HHF,1/4-20X.625,8,ZAG	12
31	1272307GT	ASSY,SIDE SWING GATE Complete side swing gate assembly (includes items 28 -33)	
31-	1265397GT	WELDMENT, SWING GATE	1
32	1267747GT	LATCH, SWING GATE	1
33	104804GT	HINGE, SPRING, LONG LEG	1
34	55753GT	BUMPER, PLASTIC, 1.25 O.D.	2
35		REF. PLATFORM CONTROL BOX ASSEMBLY (refer to 605.2)	

602.1 Platform Controls, S-80X and S80



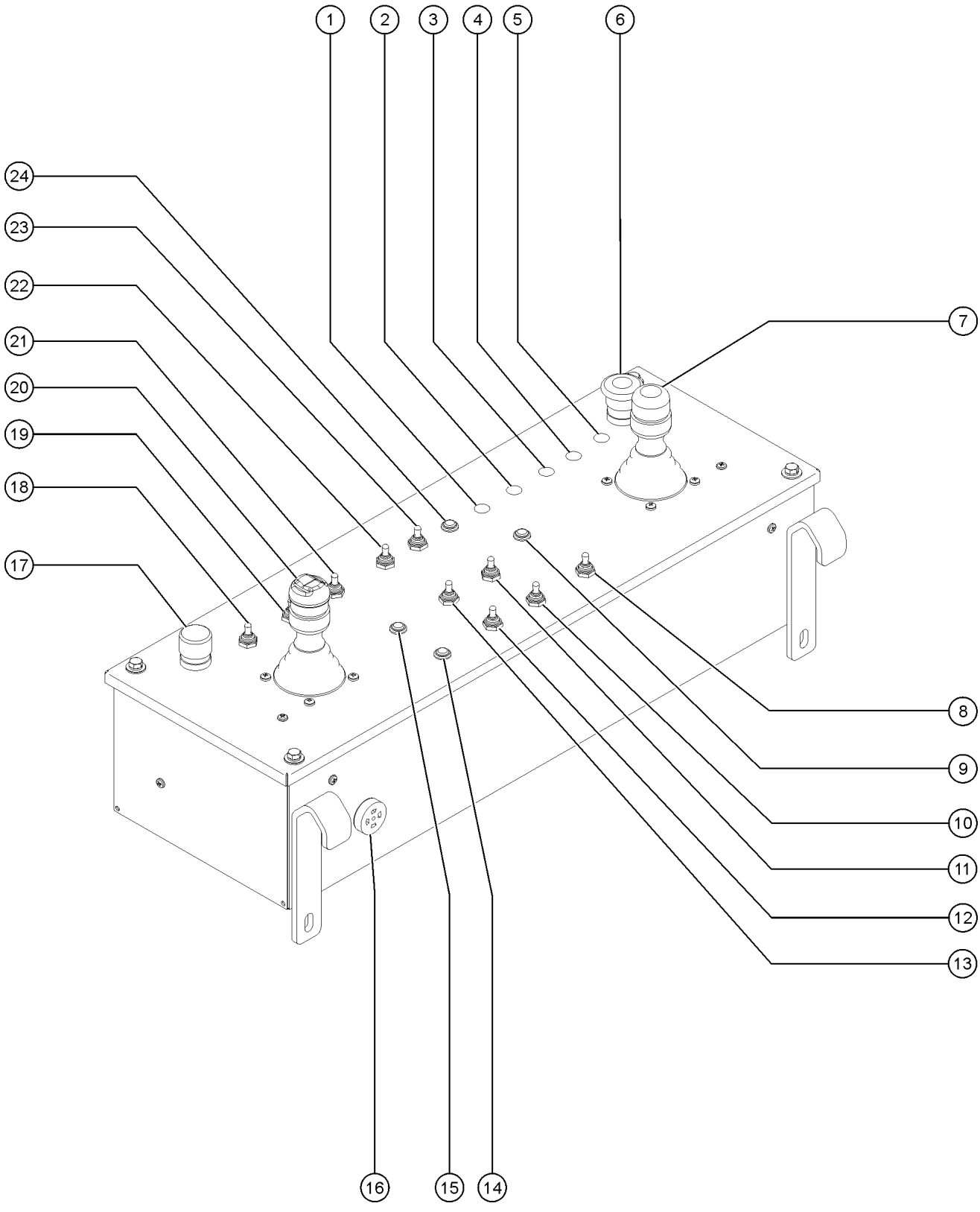
Item	Part No.	Description	Qty.
1	229567GT	PLUG,SANTOPRENE .5 BLACK DOME (Deutz TD 2.9L4)	1
1-	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT (Generator option)	
2A	824880GT	LIGHT,LED IND. AMBER 12V NH (Upper capacity range) (S-80X)	1
2A-	824880GT	LIGHT,LED IND. AMBER 12V NH	
2B	229567GT	PLUG,SANTOPRENE .5 BLACK DOME (S-80, S-85)	
3A	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM (Capacity range select) (S-80X)	1
3A-	128580GT	SWITCH TOGGLE SPDT 3P MOM SHDR	
3B	229567GT	PLUG,SANTOPRENE .5 BLACK DOME (S-80, S-85)	1
4A	824880GT	LIGHT,LED IND. AMBER 12V NH (Lower capacity range) (S-80X)	1
4A-	824879GT	LIGHT,LED IND. RED 12V NH	
4B	229567GT	PLUG,SANTOPRENE .5 BLACK DOME (S-80, S-85)	1
5	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	1
6	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
6-	146478GT	BOOT(BELLOWS),E-STOP,BLACK	
7		Ref. JOYSTICK (Refer to 606.1)	1
8	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM (Drive enable)	1
9	824879GT	LIGHT,LED IND. RED 12V NH	1
10	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT (Engine speed slow/fast)	1
11	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	1
11-	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM (DIESEL ONLY)	
11-	1254804GT	LT.LAMP IND.AMBER 12V NH (Deutz TD 2.9L4 models)	
12	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT (GAS/LP ONLY)	1
12-	229567GT	PLUG,SANTOPRENE .5 BLACK DOME (Deutz TD 2.9L4)	
13	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM (ENGINE START)	1
14	824879GT	LIGHT,LED IND. RED 12V NH	1
15	824879GT	LIGHT,LED IND. RED 12V NH	1
16	45383GT	ALARM,WARBLE TONE 5-30 VDC*** Does not include 72326 nut	1
16-	72326GT	NUT - PLASTIC, RING FOR ALARMS	

602.1 Platform Controls, S-80X and S80



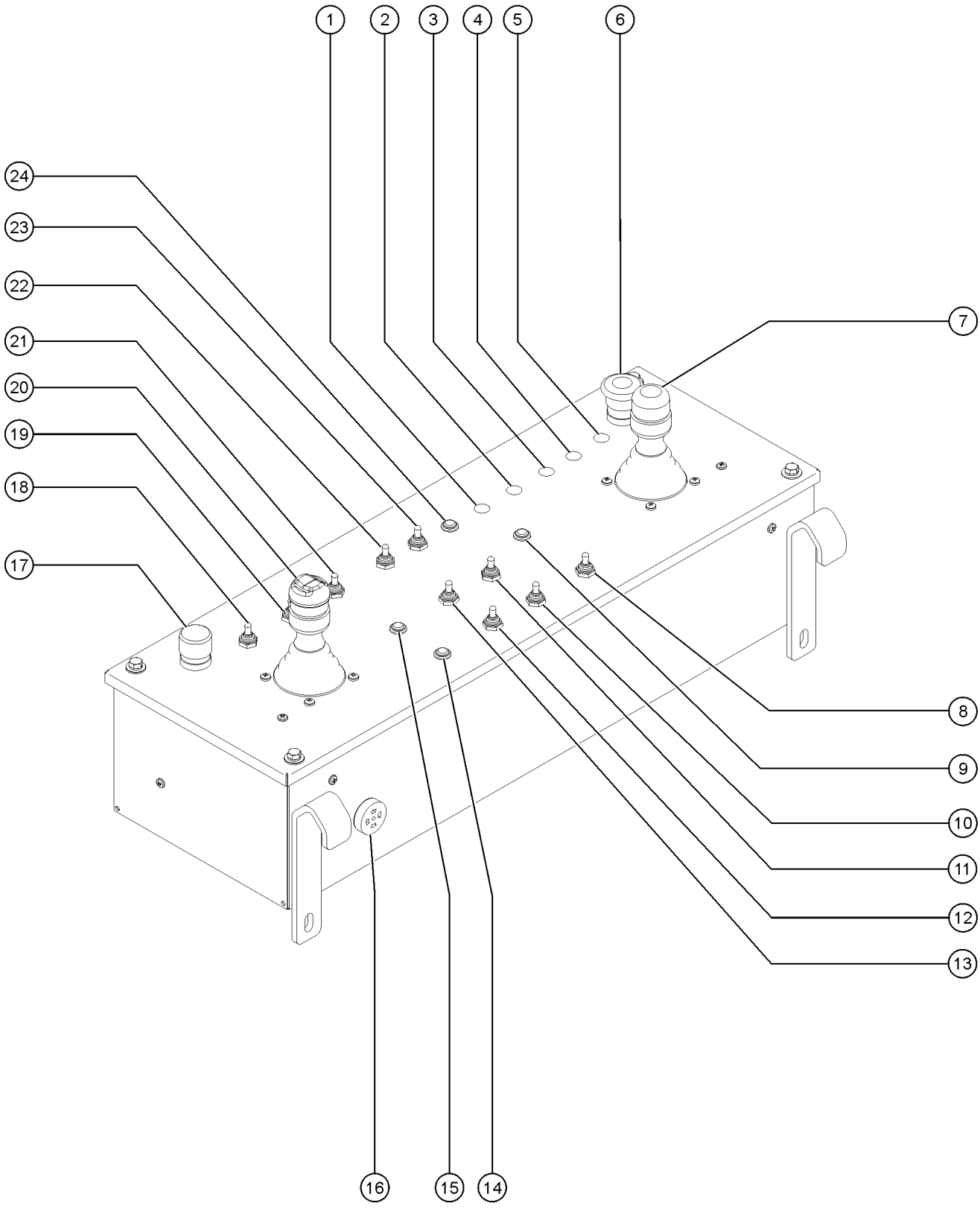
Item	Part No.	Description	Qty.
17	66813GT	BUTTON,PUSH,BLACK W/SEAL*** (Horn)	1
18	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM (Platform level up/down)	1
19	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM (Platform rotate)	1
20		Ref. JOYSTICK (Refer to 606.1)	1
21	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	1
22	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT (Drive speed select)	1
23	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM (Auxiliary power)	1
24	824879GT	LIGHT,LED IND. RED 12V NH (Complete LED light assembly)	1

603.1 Platform Controls, S-85



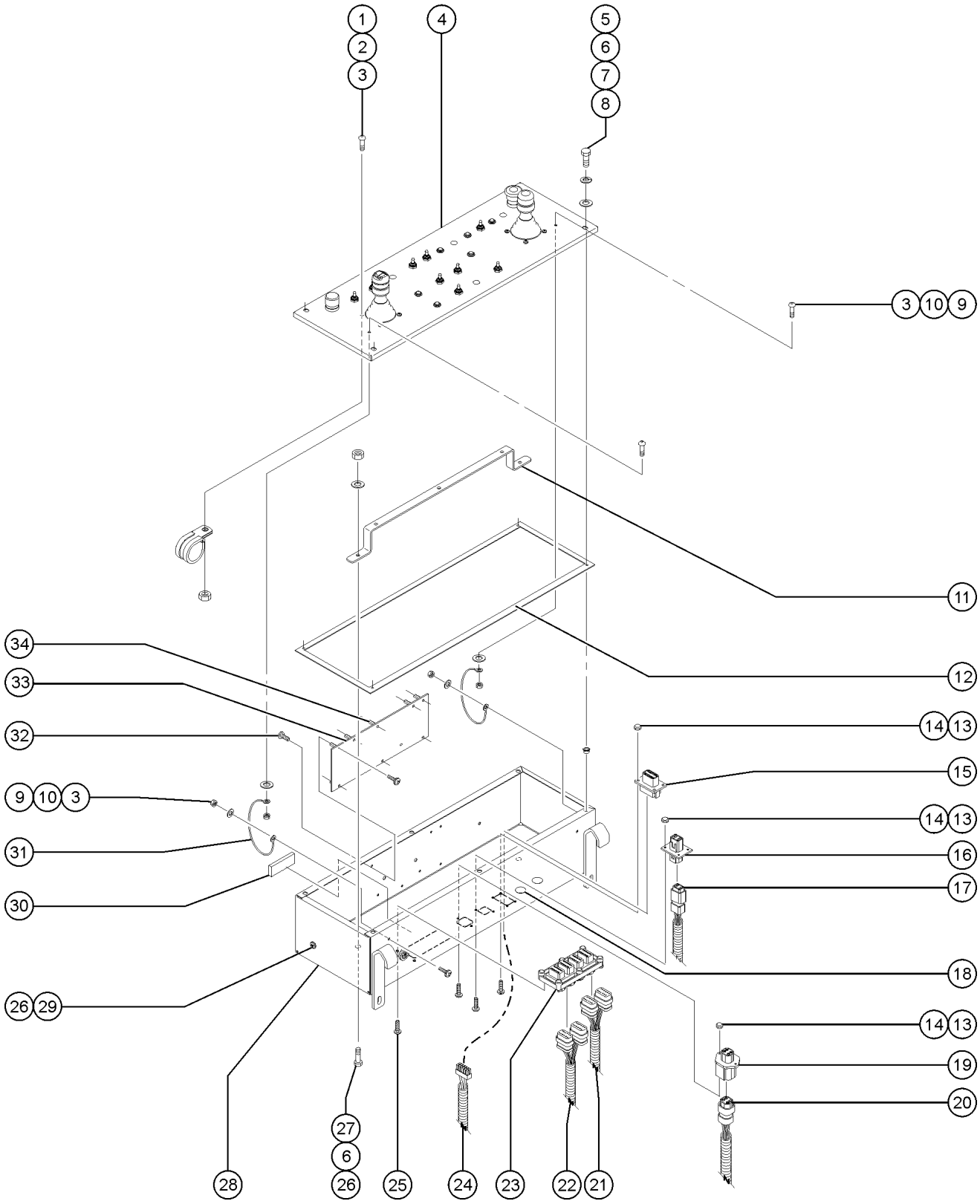
Item	Part No.	Description	Qty.
1	229567GT	PLUG,SANTOPRENE .5 BLACK DOME (Deutz TD 2.9L4)	1
1-	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT (Generator option)	
2	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	1
3	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	1
4	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	1
5	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	1
6	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
6-	146478GT	BOOT(BELLOWS),E-STOP,BLACK	
7		Ref. JOYSTICK (Refer to 606.1)	1
8	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM (Drive enable)	1
9	824879GT	LIGHT,LED IND. RED 12V NH (Complete LED light assembly)	1
10	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT (Engine speed slow/fast)	1
11	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	1
11-	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM (Diesel only)	
11-	1254804GT	LT.LAMP IND.AMBER 12V NH (Deutz TD 2.9L4 and Perkins 404F-22T models)	
12	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT (GAS/LP ONLY)	1
12-	229567GT	PLUG,SANTOPRENE .5 BLACK DOME (Deutz TD 2.9L4)	
13	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM (Engine start)	1
14	824879GT	LIGHT,LED IND. RED 12V NH (Complete LED light assembly)	1
15	824879GT	LIGHT,LED IND. RED 12V NH (Complete LED light assembly)	1
15-	824879GT	LIGHT,LED IND. RED 12V NH	
16	45383GT	ALARM,WARBLE TONE 5-30 VDC*** Does not include 72326 nut	1
16-	72326GT	NUT - PLASTIC, RING FOR ALARMS	
17	66813GT	BUTTON,PUSH,BLACK W/SEAL*** (Horn)	1
18	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM (Platform level up/down)	1
19	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM (Platform rotate)	1
20		Ref. JOYSTICK (Refer to 606.1)	1
21	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM (Jib boom up/down)	1

603.1 Platform Controls, S-85



Item	*Part No.*	*Description*	*Qty.*
22	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT (Drive speed select)	1
23	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM (Auxiliary power)	1
24	824879GT	LIGHT,LED IND. RED 12V NH (Complete LED light assembly)	1

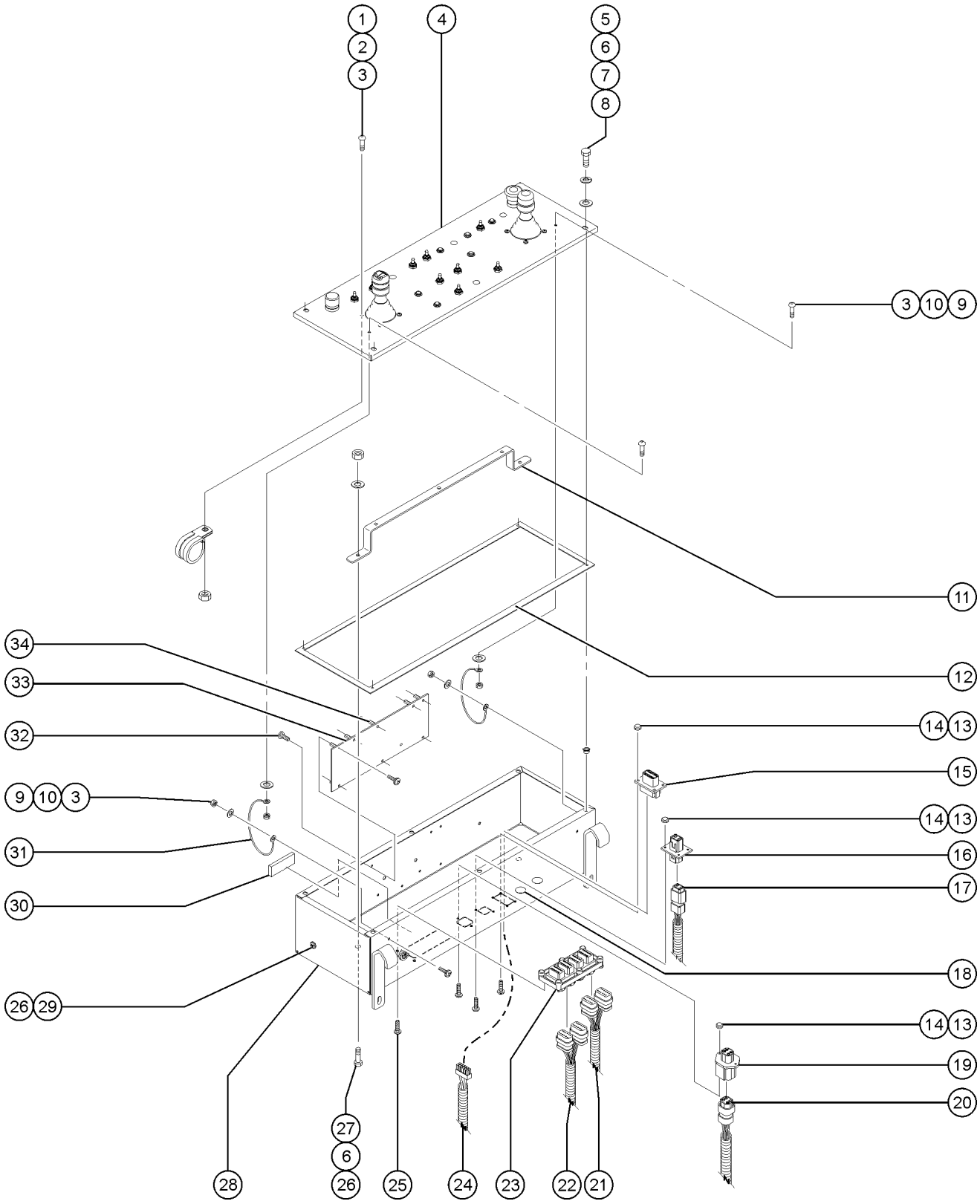
604.1 Platform Control Box, S-80X and S-80



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

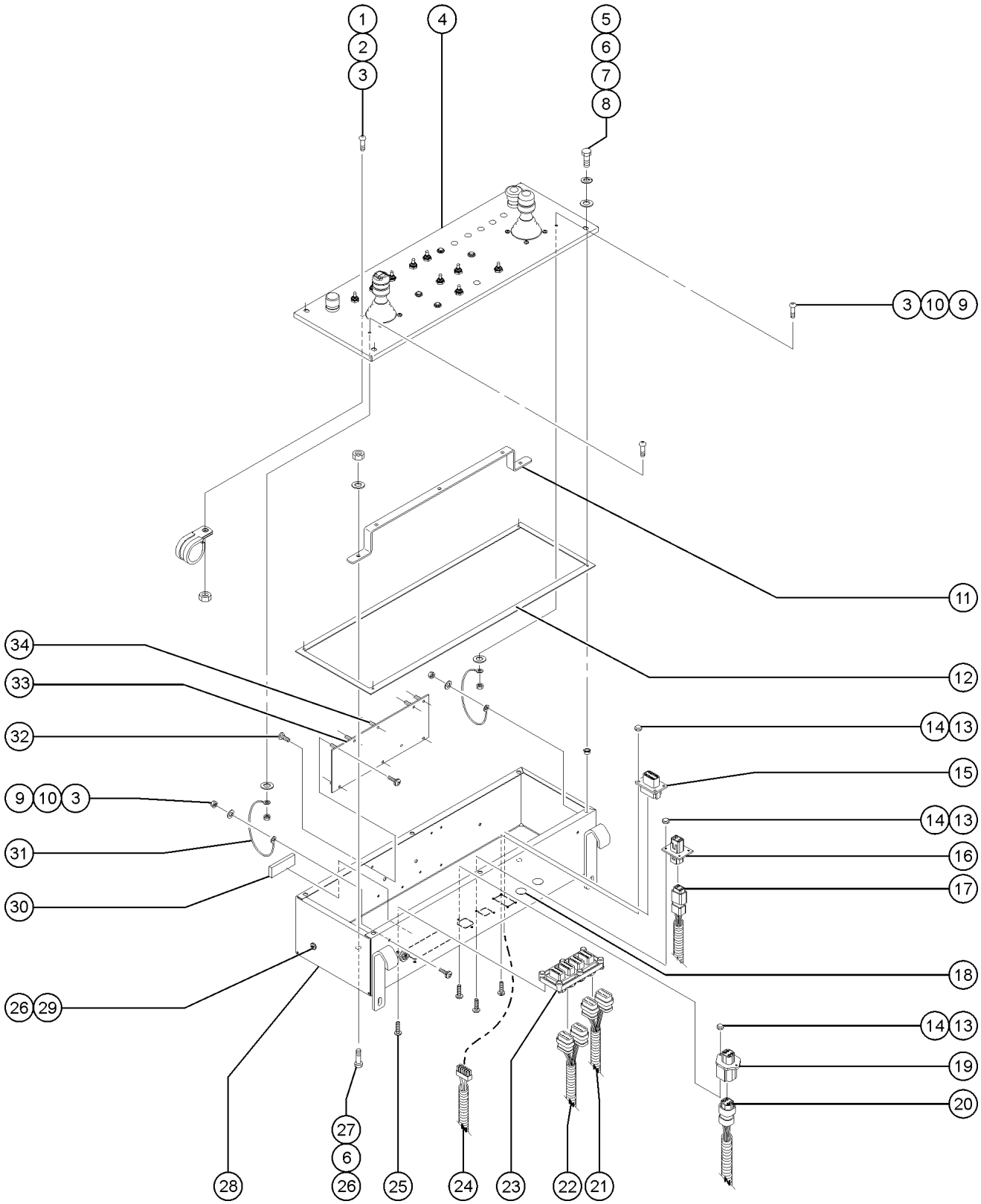
Item	Part No.	Description	Qty.
A-	121600GT	ASSY,PBOX,DIESEL,S80/85 2008 Machine model and serial number required when ordering. Please contact Genie Service Parts for assistance	1
B-	121606GT	ASSY,PBOX,GAS/LP,S80/85 2008 Machine model and serial number required when ordering. Please contact Genie Service Parts for assistance	1
C-	824583GT	ASSY, PBOX, T4 DEUTZ 2.9L S80 (Deutz TD 2.9L4 models); Machine model and serial number required when ordering. Please contact Genie Service Parts for assistance	1
D-	111413GT	JOYSTICK CONNECTOR ASSEM,DEUT	
E-	111420GT	OPTION,ROCKER STEER	
F-		Ref. PLATFORM BOX HARNESS (Refer to 312.1)	
1	139338GT	SCREW PH M5-0.8X20 DIN 7500CE	8
2	18666GT	CLAMP,1.00,#16 X 1/4,RUB CUSH	1
3	104030GT	NUT HEX M5-0.8 CLASS 8 ZINC	
4	122395GT	PLAT BOX LID W/WORD DECAL	1
4-	122386GT	PLATBOX LID W/SYMBOL DECALS	
5	6090GT	SCREW, HHC, 1/4-20 X .75	
6	6146GT	WASHER,FLAT,MS,#10,Y	
7	6638GT	WASHER, FLAT, USS, 1/4"Y	
8	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD	4
9	49819GT	SCREW,PHILLIPS,PHM,10-32 X .5	
10	6146GT	WASHER,FLAT,MS,#10,Y	
11	119644GT	BRACKET,PBOX WIRE SUPPORT	1
12	81488GT	GASKET,PLATFORM CONTROL BOX	1
13	49820GT	SCREW,PHILLIPS,PHM,6-32 X .5	
14	12344GT	NUT,NYLOCK,6-32	
15	73730GT	CONN, RECEP, 12 WAY, DEUTSCH, DT, GRAY/FLANGE	1
16	73723GT	CONN RECEPT,FLANGED	1
17		Ref. FOOT SWITCH WIRE HARNESS ASSEMBLY (Refer to 312.1)	
18	15243GT	PLUG,NYLON .875 BLACK DOMED	3
19	73717GT	CONN, RECEP, 4 WAY, DEUTSCH, DTP, FLANGE	1
20		Ref. HARNESS,12V TO PLAT,S80-2008 (Refer to 312.1)	

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



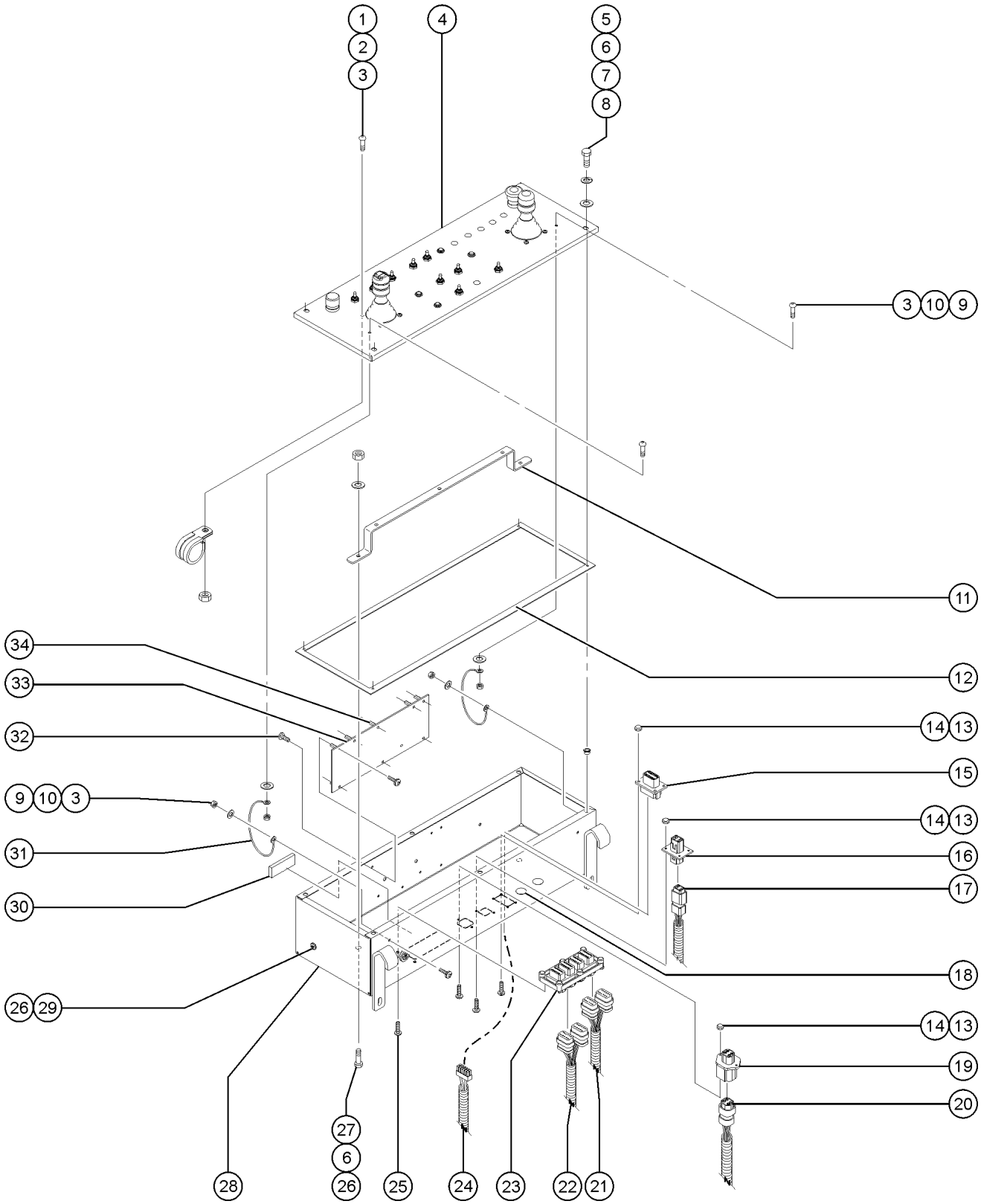
Item	Part No.	Description	Qty.
21		Ref. HARNESS,18/22 BOOM 2,S80-2008 ..... (Refer to 312.1)	
22		Ref. S80 HARNESS BOOM CABLE 1 ..... (Refer to 312.1)	
23	73736GT	CONN,RECEP 48 WAY,4 X 12	1
24		Ref. HARN,PLAT MANIFOLD,S80 ..... (Refer to 312.1)	
25	73803GT	SCREW,SHM,PHP, #12 X .75	
26	77048GT	SCREW,PHM,10-32X3/4,ST TYPE F	
27	6178GT	NUT, NYLOCK, 10-32	1
28	121720GT	WELDMENT,PLAT CONT BOX,2008	
29	6178GT	NUT, NYLOCK, 10-32	
30	30997GT	CORROSION INHIBITOR,FOAM	1
31	77351GT	LANYARD,PLATFORM CONTROL BOX	2
32	81551GT	SCREW,PHIL,PHM,6-32 X 1/4 SS	
33A	235322GT	ASSY,PCB,ALC500-2 S80VP V204 to SN S85-110 Machine model and serial number required when ordering. Please contact Genie Service Parts for assistance	1
33B	1260213GT	ASSY,PCB,ALC500-II,S80 ..... from SN S85-111 for Deutz TD 2.9L4	1
34	81550GT	STANDOFF,6-32 X 3/8L X 1/4 HEX	10

605.1 Platform Control Box, S-85



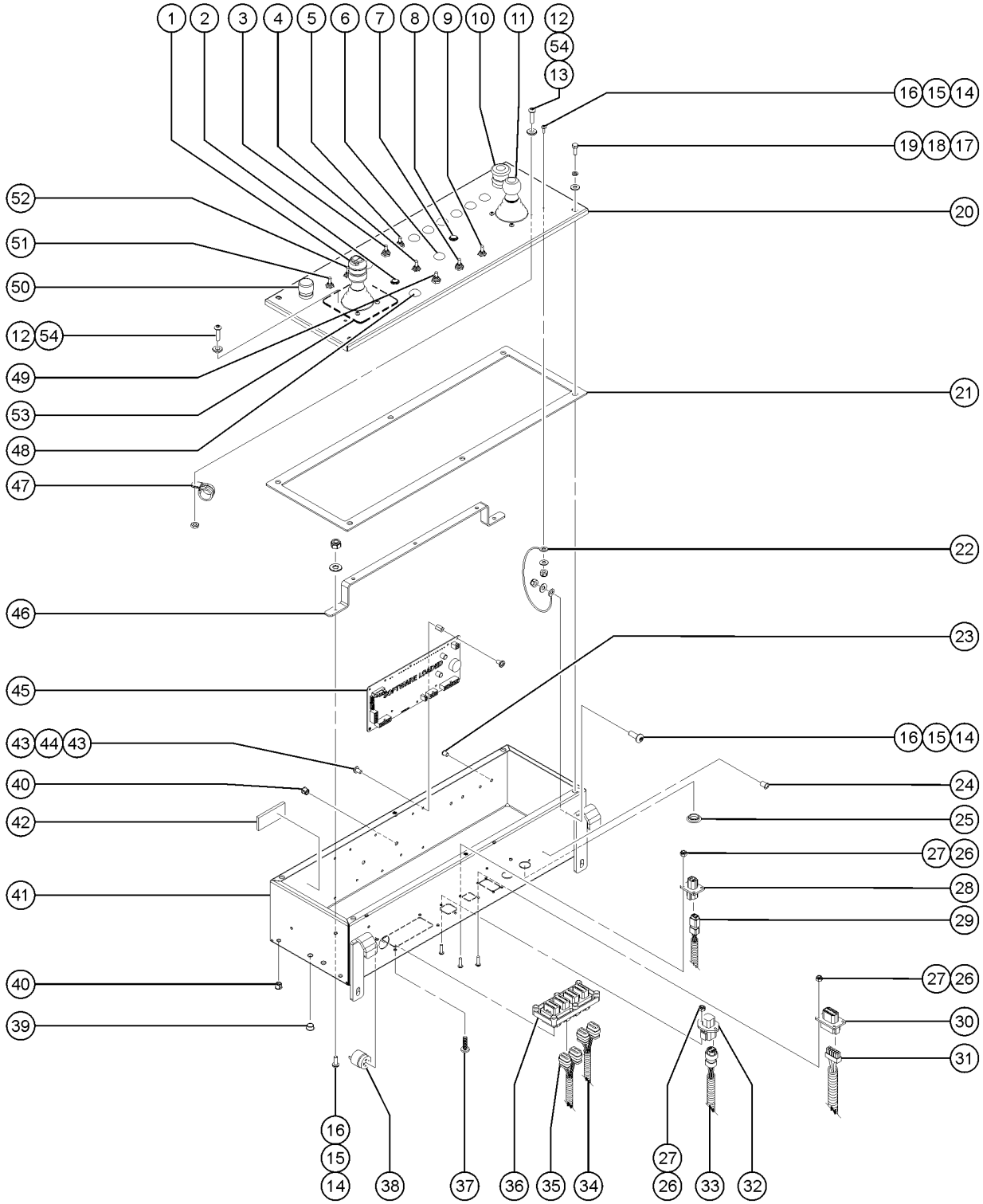
Item	Part No.	Description	Qty.
A-	121600GT	ASSY,PBOX,DIESEL,S80/85 2008 Machine model and serial number required when ordering. Please contact Genie Service Parts for assistance	
B-	121606GT	ASSY,PBOX,GAS/LP,S80/85 2008 Machine model and serial number required when ordering. Please contact Genie Service Parts for assistance	
C-	824583GT	ASSY, PBOX, T4 DEUTZ 2.9L S80 (Deutz TD 2.9L4 models); Machine model and serial number required when ordering. Please contact Genie Service Parts for assistance	
E-	111413GT	JOYSTICK CONNECTOR ASSEM,DEUT	
F-	111420GT	OPTION,ROCKER STEER	
G	1280764GT	HARNESS, PBOX, T3	
G-		Ref. PLATFORM BOX HARNESS (Refer to 313.1)	
1	139338GT	SCREW PH M5-0.8X20 DIN 7500CE	8
2	18666GT	CLAMP,1.00,#16 X 1/4,RUB CUSH	1
3	104030GT	NUT HEX M5-0.8 CLASS 8 ZINC	
4	122395GT	PLAT BOX LID W/WORD DECAL	1
4-	122386GT	PLATBOX LID W/SYMBOL DECALS	
5	6090GT	SCREW, HHC, 1/4-20 X .75	
6	6146GT	WASHER,FLAT,MS,#10,Y	
7	6638GT	WASHER, FLAT, USS, 1/4"Y	
8	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD	4
9	49819GT	SCREW,PHILLIPS,PHM,10-32 X .5	
10	6146GT	WASHER,FLAT,MS,#10,Y	
11	119644GT	BRACKET,PBOX WIRE SUPPORT	1
12	81488GT	GASKET,PLATFORM CONTROL BOX	1
13	49820GT	SCREW,PHILLIPS,PHM,6-32 X .5	
14	12344GT	NUT,NYLOCK,6-32	
15	73730GT	CONN, RECEP, 12 WAY, DEUTSCH, DT, GRAY/FLANGE	1
16	73723GT	CONN RECEPT,FLANGED	1
17		Ref. FOOT SWITCH WIRE HARNESS ASSEMBLY (Refer to 313.1)	
18	15243GT	PLUG,NYLON .875 BLACK DOMED	3
19	73717GT	CONN, RECEP, 4 WAY, DEUTSCH, DTP, FLANGE	1

605.1 Platform Control Box, S-85



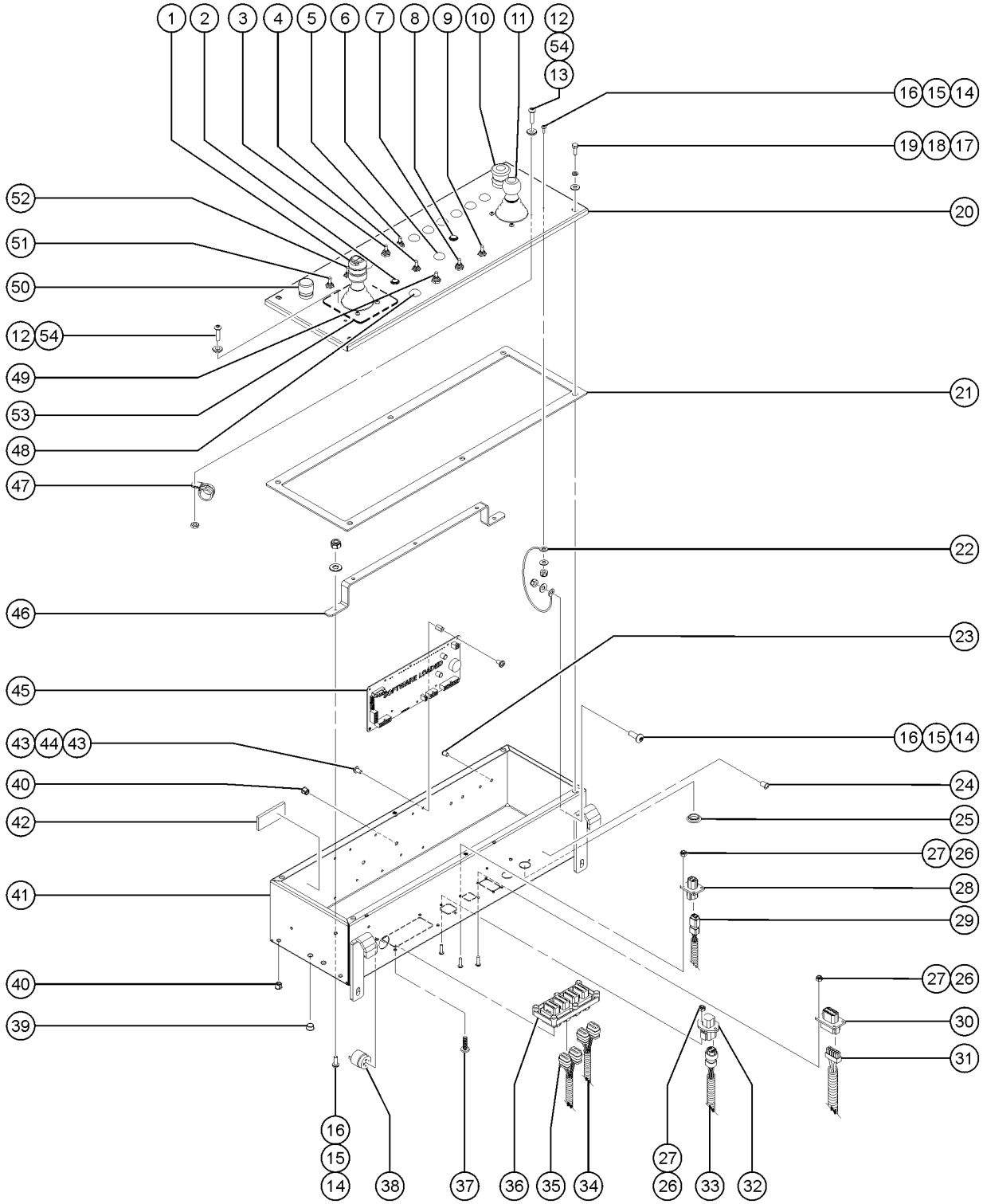
Item	Part No.	Description	Qty.
20		Ref. S85 POWER TO PLAT DC (Refer to 313.1)	
21		Ref. S85 HARNESS BOOM CABLE 2 (Refer to 313.1)	
22		Ref. S85 HARNESS BOOM CABLE 1 (Refer to 313.1)	
23	73736GT	CONN,RECEP 48 WAY,4 X 12	1
24		Ref. HARN,PLAT MANIFOLD,S85 (Refer to 313.1)	
25	73803GT	SCREW,SHM,PHP, #12 X .75	
26	77048GT	SCREW,PHM,10-32X3/4,ST TYPE F	
27	6178GT	NUT, NYLOCK, 10-32	1
28	121720GT	WELDMENT,PLAT CONT BOX,2008	
29	6178GT	NUT, NYLOCK, 10-32	
30	30997GT	CORROSION INHIBITOR,FOAM	1
31	77351GT	LANYARD,PLATFORM CONTROL BOX	2
32	81551GT	SCREW,PHIL,PHM,6-32 X 1/4 SS	
33	235322GT	ASSY,PCB,ALC500-2 S80VP V204 Machine model and serial number required when ordering. Please contact Genie Service Parts for assistance	1
34	81550GT	STANDOFF,6-32 X 3/8L X 1/4 HEX	10

605.2 Platform Control Box, S-80, S-80X and S-85



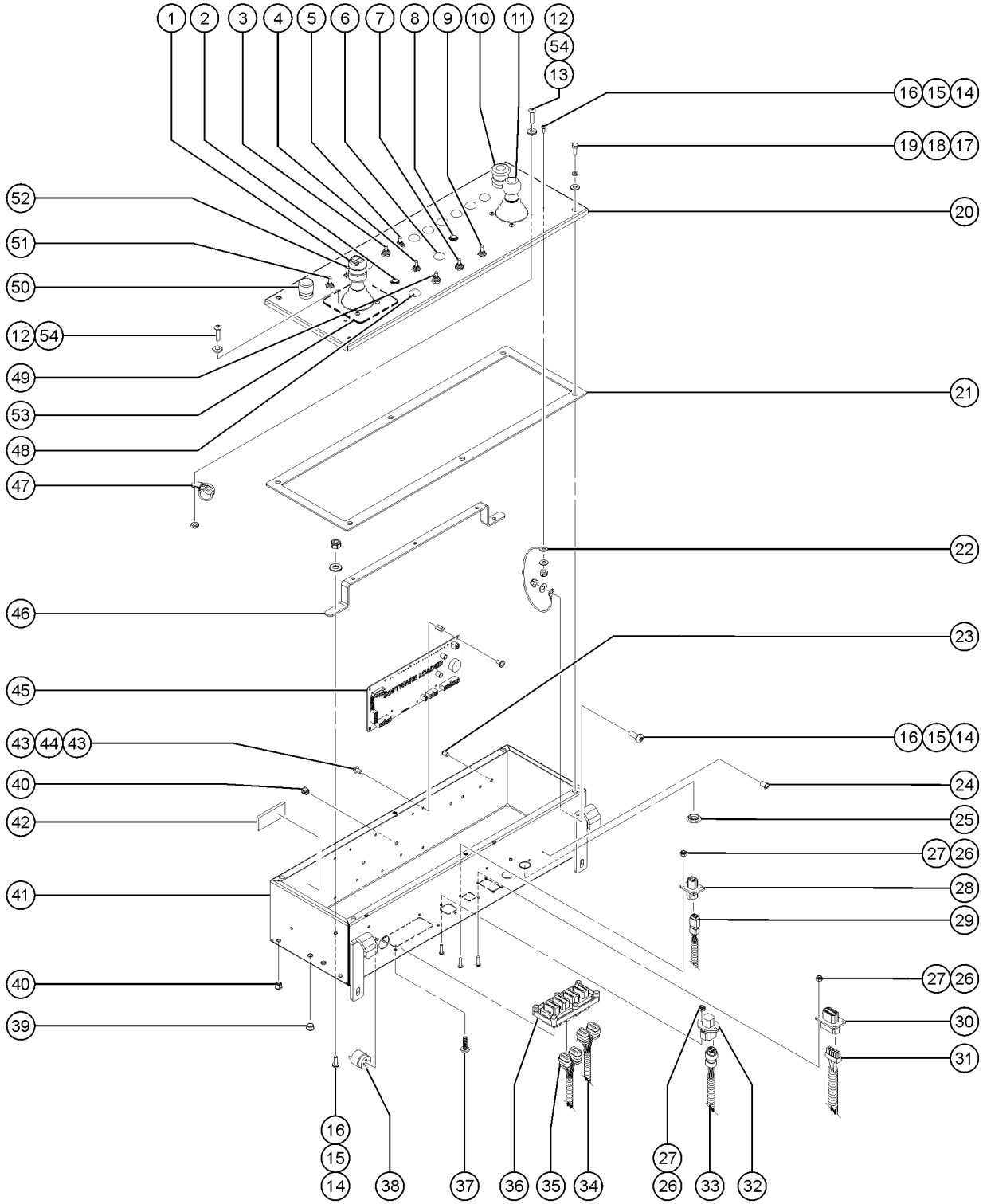
Item	Part No.	Description	Qty.
A-	1260214GT	ASSY,PBOX,GAS/LP,S80/85 ... (Gas) Machine model and serial number required when ordering. Please contact Genie Service Parts for assistance	
B-	1260215GT	ASSY,PBOX,DIESEL,S80/85 .. (Deutz TD 2011L04i models) Machine model and serial number required when ordering. Please contact Genie Service Parts for assistance	
C-	824583GT	ASSY, PBOX, T4 DEUTZ 2.9L S80 ..... (Deutz TD 2.9L4 models) Machine model and serial number required when ordering. Please contact Genie Service Parts for assistance	
D-	121445GT	ASSY,PBOX JUMPER,GAS/LP ... (Gas) Machine model and serial number required when ordering. Please contact Genie Service Parts for assistance	
E-	121444GT	ASSY,PBOX JUMPER,DISEL . (Diesel) Machine model and serial number required when ordering. Please contact Genie Service Parts for assistance	
F-	121456GT	HARN,PBOX,JOYSTICK,S80/85 2008	
G-	121725GT	HARNESS,PBOX,S80/85 2008	
1		Ref. JOYSTICK (Refer to 606.1 or 607.1)	1
2	218165GT	LIGHT,INDICATOR,RED 12V H-BRI	1
3	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT	1
4	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
5	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM	1
6A	229567GT	PLUG,SANTOPRENE .5 BLACK DOME (gas)	1
6B	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM (Deutz TD 2011L04i models)	1
6C-	1254804GT	LT.LAMP IND.AMBER 12V NH (Deutz TD 2.9L4 models)	
7	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT	1
8	218165GT	LIGHT,INDICATOR,RED 12V H-BRI	1
9	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
10	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
10-	146478GT	BOOT(BELLOWS),E-STOP,BLACK	
10-	94506GT	BASE,W/3 NC CONTACTS	
11		Ref.JOYSTICK (Refer to 606.1 or 607.1)	1
12	139338GT	SCREW PH M5-0.8X20 DIN 7500CE	8
13	104030GT	NUT HEX M5-0.8 CLASS 8 ZINC	3
14	54365GT	SCREW,PHIL,PHM,10-32 X .5,SSTL	7
15	6146GT	WASHER,FLAT,MS,#10,Y	6
16	6178GT	NUT, NYLOCK, 10-32	7

605.2 Platform Control Box, S-80, S-80X and S-85



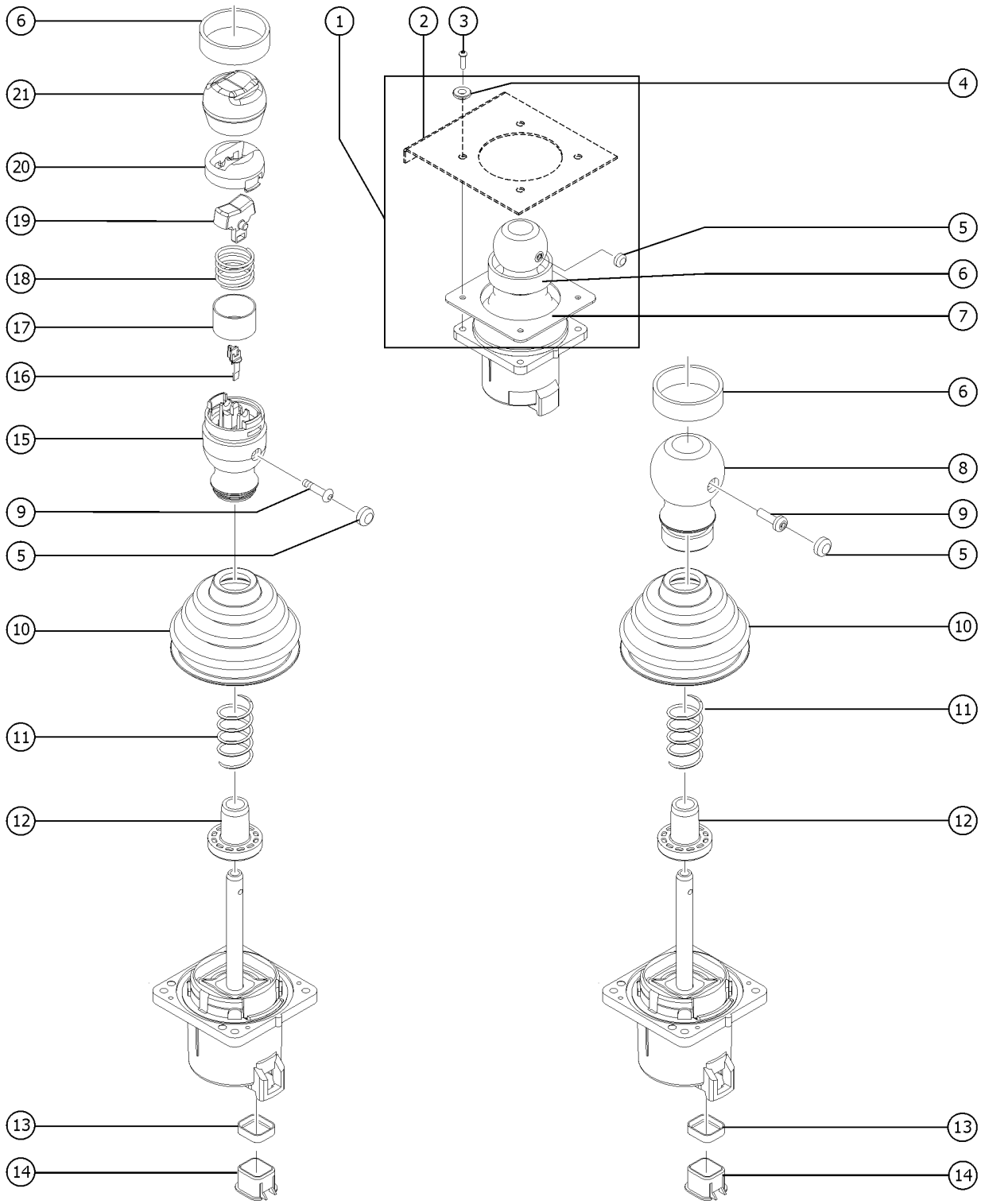
Item	Part No.	Description	Qty.
17	6090GT	SCREW, HHC, 1/4-20 X .75	4
18	6356GT	WASHER, LOCK, .25	4
19	6638GT	WASHER, FLAT, USS, 1/4"Y	4
20	147387GT	FORMING, PLAT. BOX LID	1
21	81488GT	GASKET,PLATFORM CONTROL BOX	1
22	77351GT	LANYARD,PLATFORM CONTROL BOX	2
23	42781GT	PLUG, NYLON .250 BLACK DOMED	6
24	42288GT	PLUG,NYLON .188 BLACK DOMED	3
25	15243GT	PLUG,NYLON .875 BLACK DOMED	2
26	12344GT	NUT,NYLOCK,6-32	8
27	49820GT	SCREW,PHILLIPS,PHM,6-32 X .5	8
28	73723GT	CONN RECEPT,FLANGED	1
29A		Ref. FOOT SWITCH WIRE HARNESS ASSEMBLY S-80X and S-80 (refer to 312.1)	
29B		Ref. FOOT SWITCH WIRE HARNESS ASSEMBLY S-85 (refer to 313.1)	
30	73730GT	CONN, RECEP, 12 WAY, DEUTSCH, DT, GRAY/FLANGE	1
31A		Ref. HARN,PLAT MANIFOLD,S80 S-80X and S-80 (refer to 312.1)	
31B		Ref. HARN,PLAT MANIFOLD,S85 S-85 (refer to 313.1)	
32	73717GT	CONN, RECEP, 4 WAY, DEUTSCH, DTP, FLANGE	1
33A		Ref. HARNESS,12V TO PLAT,S80-2008 S-80X and S-80 (refer to 312.1)	
33B		Ref. S85 POWER TO PLAT DC S-85 (refer to 313.1)	
34A		Ref. HARNESS,18/22 BOOM 2,S80-2008 S-80X and S-80 (refer to 312.1)	
34B		Ref.S85 HARNESS BOOM CABLE 2 S-85 (refer to 313.1)	
35A		Ref.S80 HARNESS BOOM CABLE 1 S-80X and S-80 (refer to 312.1)	
35B		Ref.S85 HARNESS BOOM CABLE 1 S-85 (refer to 313.1)	
36	73736GT	CONN,RECEP 48 WAY,4 X 12	1
37	73803GT	SCREW,SHM,PHP, #12 X .75	4
38	45383GT	ALARM,WARBLE TONE 5-30 VDC*** Does not include 72326 nut	1
38-	72326GT	NUT - PLASTIC, RING FOR ALARMS	

605.2 Platform Control Box, S-80, S-80X and S-85



Item	Part No.	Description	Qty.
39	21858GT	PLUG,NYLON .38 BLACK DOMED	2
40	30996GT	PLUG,NYLON .313 BLACK DOMED	4
41	121720GT	WELDMENT,PLAT CONT BOX,2008	1
42	30997GT	CORROSION INHIBITOR,FOAM	1
43	81551GT	SCREW,PHIL,PHM,6-32 X 1/4 SS	20
44	81550GT	STANDOFF,6-32 X 3/8L X 1/4 HEX	10
45	1260213GT	ASSY,PCB,ALC500-II,S80	1
46	119644GT	BRACKET,PBOX WIRE SUPPORT	1
47	18666GT	CLAMP,1.00,#16 X 1/4,RUB CUSH	1
48	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	8
49A	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT (gas)	1
49B	229567GT	PLUG,SANTOPRENE .5 BLACK DOME (Deutz TD 2011L04i, Deutz TD 2.9L4 models)	1
50	66813GT	BUTTON,PUSH,BLACK W/SEAL***	1
50-	66815GT	BASE, W/1 N.O. CONTACTS***	
51	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
52	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
53		GASKET, ISOLATION, JOYSTICK For replacement please order kit 1269500GT (refer to 606.1)	
53-	1269500G	KIT, ISOLATION, 2 JOYSTICK	
54	1269498GT	SHOULDER WASHER, NYLON (Included in Joystick isolation kit 1269500GT, refer to 606.1)	8

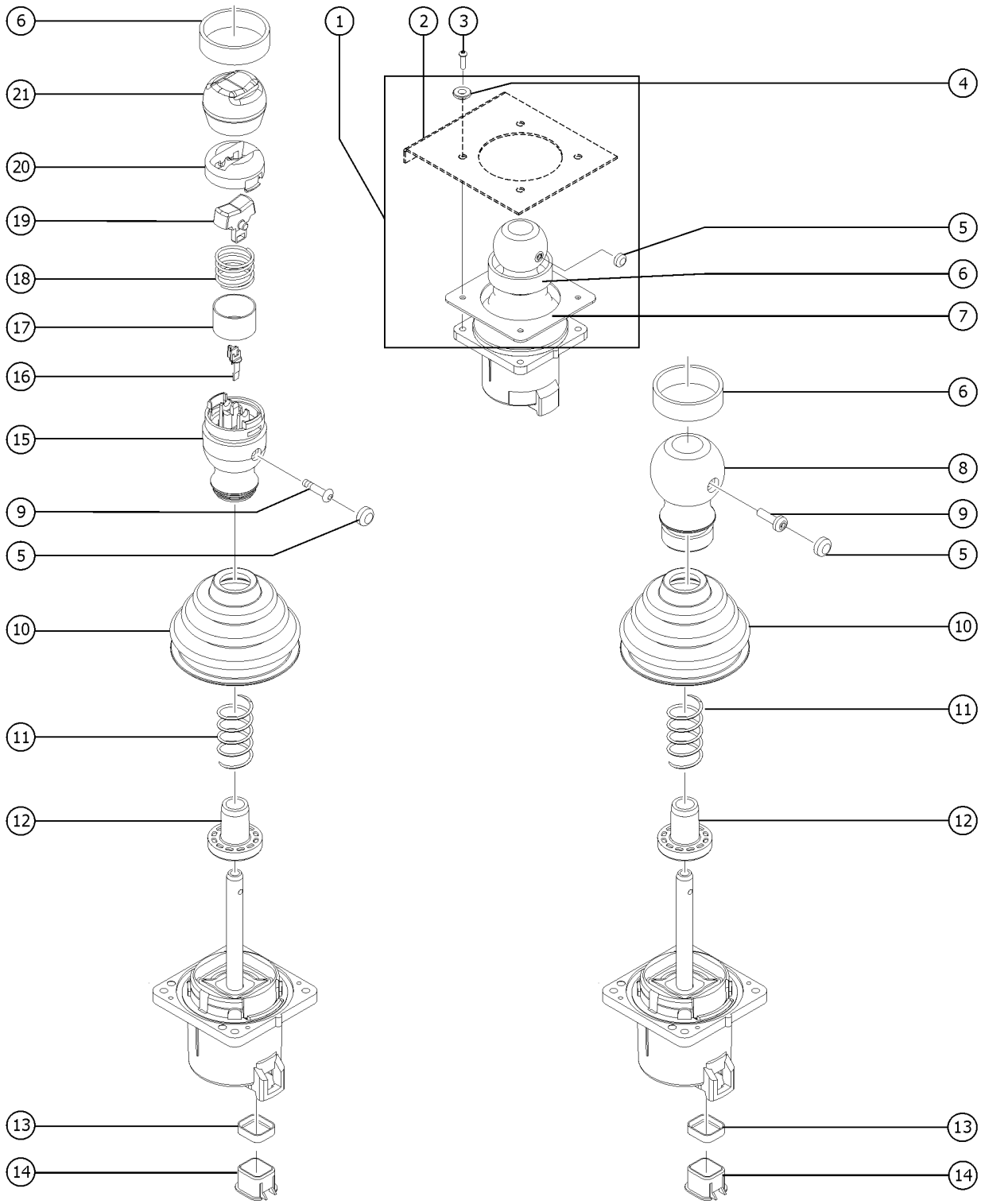
606.1 Joysticks



606.1 Joysticks

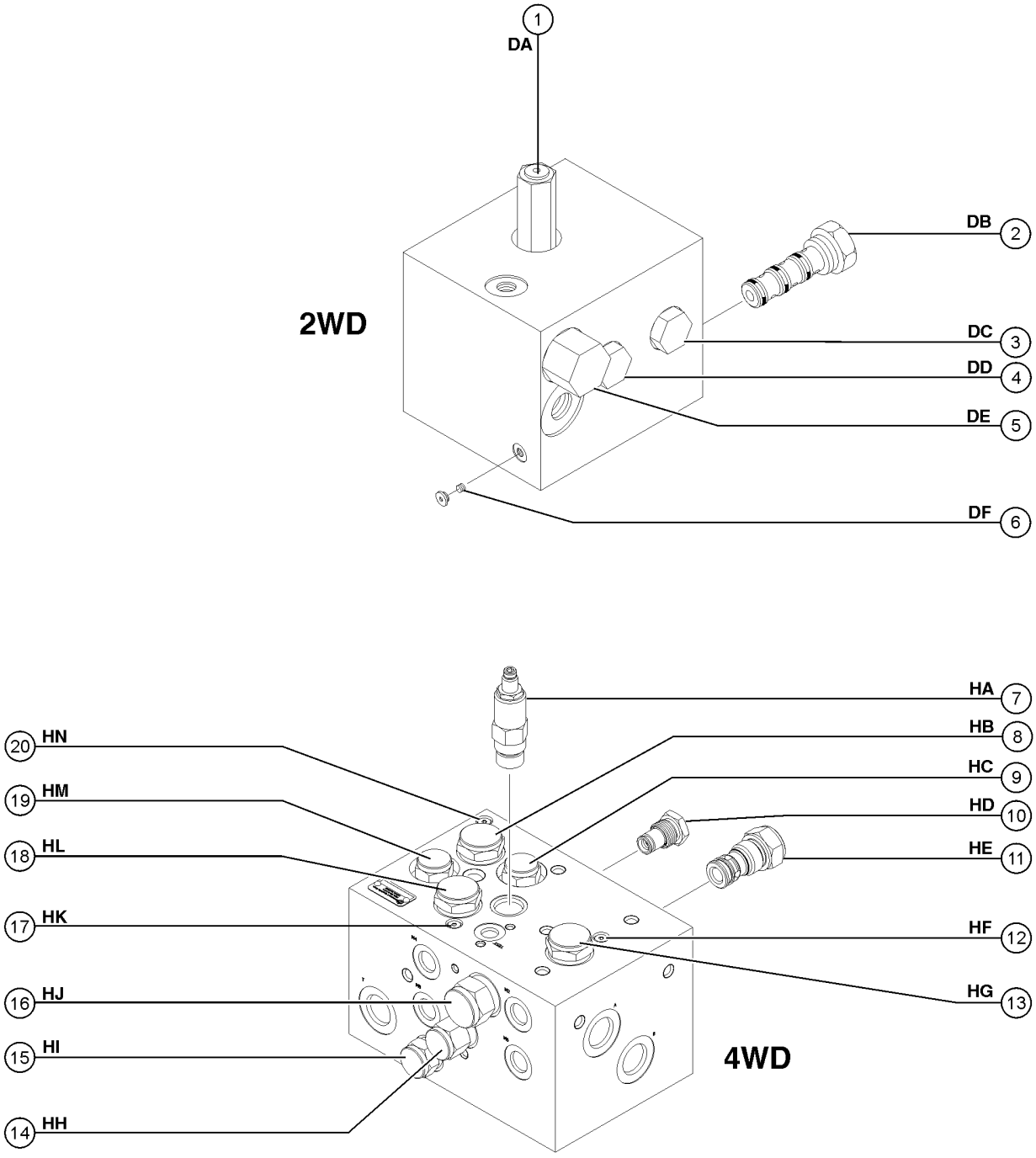
Item	Part No.	Description	Qty.
A-		If joystick handle is marked with blue band it is "isolated" and must be replaced with isolated joystick	
B-	101173GT	JOYSTICK,2 AXIS,ROCKER,DEUTSCH (calibration required after replacement), OEM joystick	
C-	101173HGT	JOYSTICK, DUAL AXIS W/STEER (calibration required after replacement), aftermarket joystick	
D-	101174GT	JOYSTICK,2 AXIS,DEUTSCH (calibration required after replacement), OEM joystick	
E-	101174HGT	JOYSTICK,DUAL AXIS W/KNOB (calibration required after replacement), aftermarket joystick	
F-	101005GT	JOYSTICK,1 AXIS ROCKER,DEUTSCH (calibration required after replacement), OEM joystick	
G-	101005HGT	JOYSTICK, SINGLE AXIS W/STEER (calibration required after replacement), aftermarket joystick	
H-	119613GT	HARN JOYSTICK ADAPTOR JS100 6-pin to 7-pin adapter (for 101174, 101175, 101005)	
1	1269500GT	KIT, ISOLATION, 2 JOYSTICK (Includes items 4 - 7)	1
2		Ref. (EXISTING PLATFORM LID) (Refer to 605.2)	
3		Ref. (EXISTING SCREW PH M5-0.8X20) (Refer to 605.2)	
4	1269498GT	SHOULDER WASHER, NYLON (Included in kit 1269500GT)	8
5	1269499GT	PLUG, JOYSTICK HANDLE (Included in kit 1269500GT)	2
6	1271713GT	SHRINK TUBE, BLU, 3:1, 40MM (Included in kit 1269500GT)	2
7	1269497GT	GASKET, ISOLATION, JOYSTICK (Included in kit 1269500GT)	2
8	62392GT	KNOB,JOYSTICK, 62390/62391	1
9	T112626GT	SCREW, PHM, #6-32 X .625 ZINC	1
10	139598GT	BOOT,JOYSTICK	1
11		SPRING,JOYSTK CENTR,62390/91 no longer available from supplier	
12	119915GT	COLLAR,JOYSTICK,CENTER	1
13	128000GT	SEAL, CONNECTOR (DT JOYSTICKS)	1
14	128001GT	SLEEVE,CONNECTOR,DT JOYSTICKS	1
15	75449GT	KNOB,ROCKER JOYSTICK 75565	1
16	75448GT	SUPPORT,SENSOR,JOYSTICK	1
17	75447GT	SWITCH SHIELD,ROCK JOYSTK75565	1
18	75446GT	SPRING,SWITCH CENTERING,75565	1
19	75445GT	ROCKER ASSY.,MAGNETIC 75565	1
20	75444GT	ROCKER,RETAINER, 75565	1

606.1 Joysticks



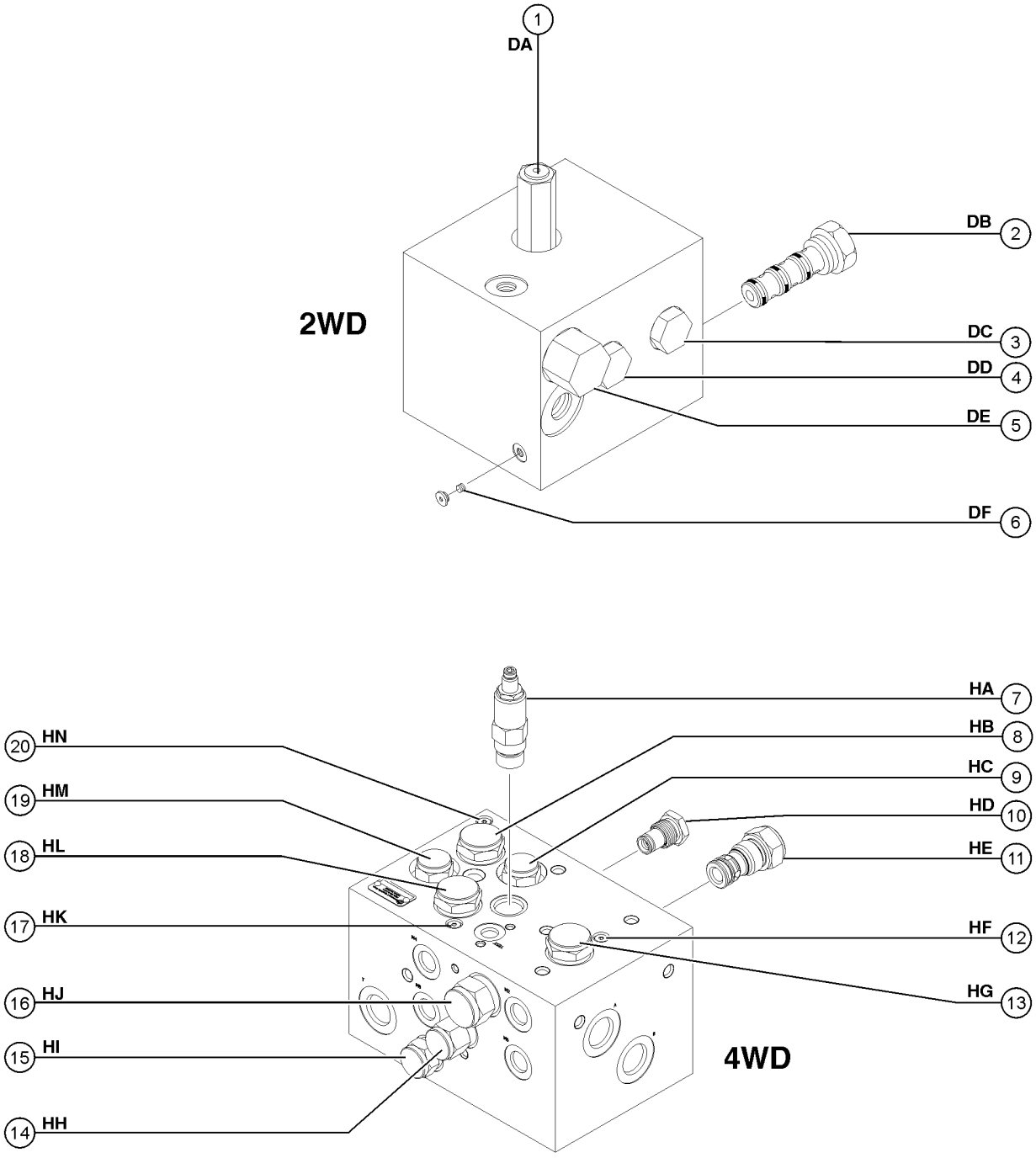
Item	*Part No.*	*Description*	*Qty.*
21	75443GT	BOOT, ROCKER JOYSTICK 75565	1

701.1 Traction Manifold



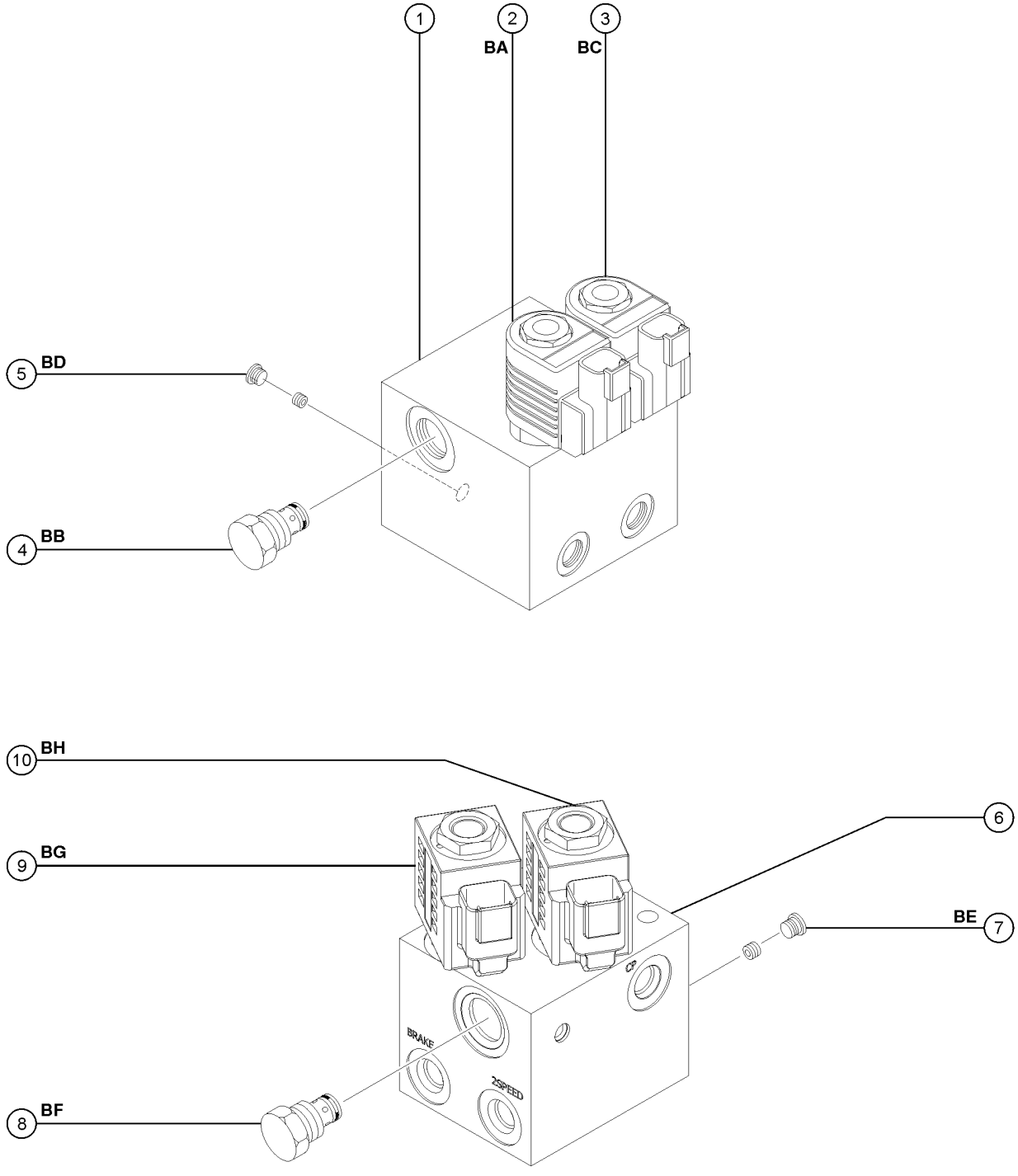
Item	Part No.	Description	Qty.
A-	88783GT	MANIFOLD,TRACTION,2WD (complete)	
A-	1287434GT	PLUG,SAE #03 (139712) Plug for ORIFICE, 0.040"	
B-	139712GT	MANIFOLD,TRACTION,4WD*** (complete)	
C-	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
D-	49612GT	O-RING KIT (ORFS FITTINGS)	
E-	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
F-	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	94758GT	VALVE,RELIEF,280PSI DA, Charge pressure circuit	
1-	110194GT	SEAL KIT, VALVE, #10	
2	52726GT	VALVE,FLOW DIVIDER/COMBINER DB, Controls flow to drive motors in forward and reverse	
2-	84135GT	SEAL KIT, VALVE	
3	27836GT	VALVE,CHECK,5 PSI DC, Drive circuit	
3-	110194GT	SEAL KIT, VALVE, #10	
4	27836GT	VALVE,CHECK,5 PSI DD, Drive circuit	
4-	110194GT	SEAL KIT, VALVE, #10	
5	27761GT	VALVE,SHUTTLE GE, Controls flow to drive motors in forward and reverse	
5-	84134GT	SEAL KIT, VALVE	
6	101440GT	ORIFICE PLUG, 0.070" DF, Equalizes flow across flow divider combiner valve 2	
7	139718GT	VALVE, RELIEF, 280PSI HA, Charge pressure circuit	
7-	139512GT	SEAL KIT, VALVE	
8	139717GT	VALVE, FLOW DIVIDE/COMB,24GPM HB, Controls flow to non-steer end drive motors in forward and reverse	
8-	139512GT	SEAL KIT, VALVE	
9	139527GT	VALVE, CHECK, 5PSI HC, Steer end drive motor circuit	
9-	139528GT	SEAL KIT, VALVE	
10	139527GT	VALVE, CHECK, 5PSI HD, Non-steer end drive motor circuit	
10-	139528GT	SEAL KIT, VALVE	
11	139716GT	VALVE, CHECK HE, Non-steer end drive motor circuit	
11-	139727GT	SEAL KIT, VALVE	

701.1 Traction Manifold



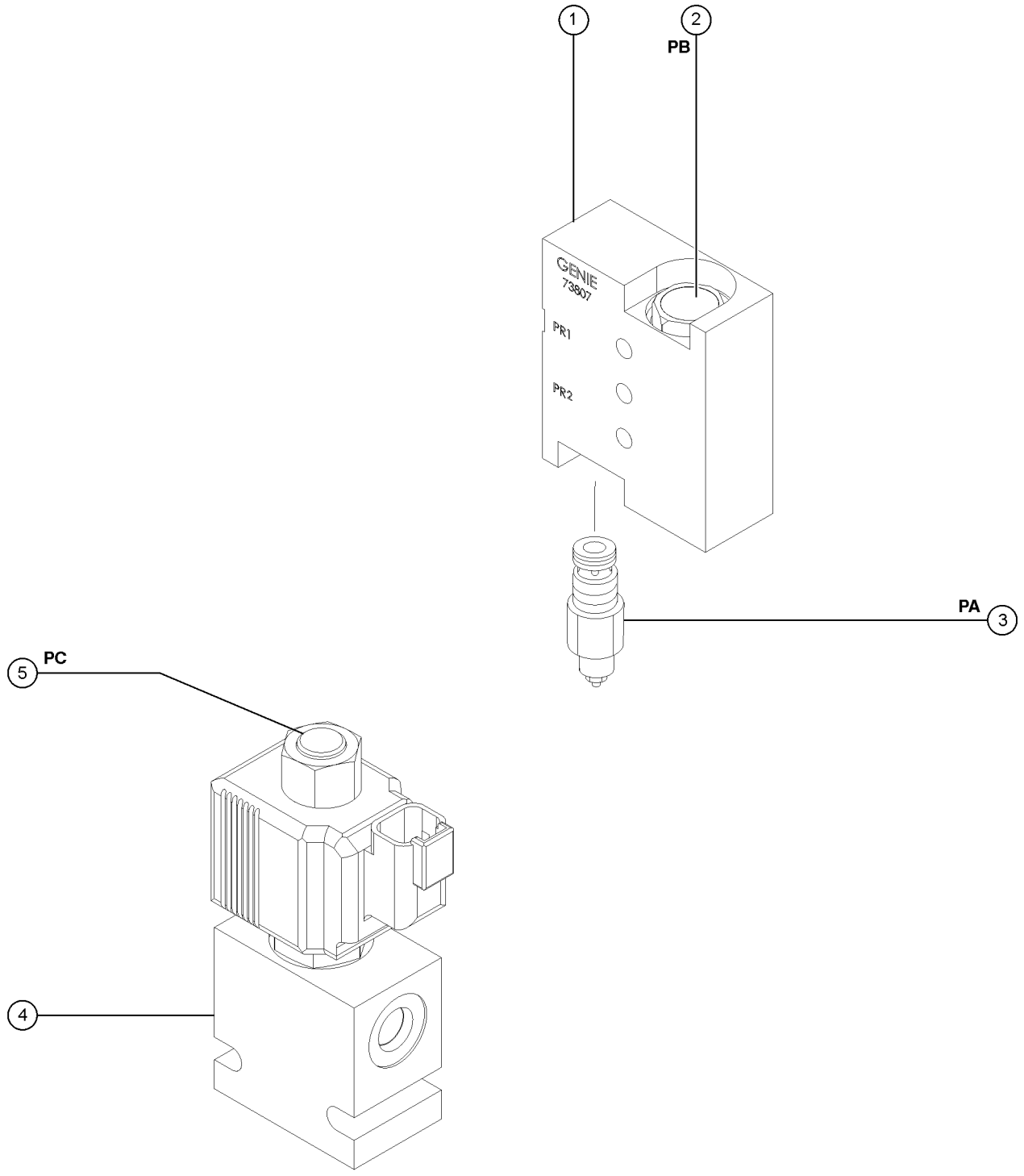
Item	Part No.	Description	Qty.
12	139719GT	ORIFICE, 0.040" HF, Equalizes pressure on both sides of flow divider/combiner valve 13	
13	139508GT	VALVE, FLOW DIVIDE/COMBINE 1:1 HG, Controls flow to flow divider/combiner valves 8 and 18	
13-	139512GT	SEAL KIT, VALVE	
14	139715GT	VALVE, SHUTTLE, FIXED HH, Steer end drive motor circuit	
14-	139512GT	SEAL KIT, VALVE	
15	139527GT	VALVE, CHECK, 5PSI HI, Steer end drive motor circuit	
15-	139528GT	SEAL KIT, VALVE	
16	139716GT	VALVE, CHECK HJ, Charge pressure circuit that directs hot oil out of low pressure side of drive pump	
16-	139727GT	SEAL KIT, VALVE	
17	139719GT	ORIFICE, 0.040" HK, Equalizes pressure on both sides of flow divider/combiner valve 18	
18	139717GT	VALVE, FLOW DIVIDE/COMB,24GPM HL, Controls flow to steer end drive motors in forward and reverse	
18-	139512GT	SEAL KIT, VALVE	
19	139527GT	VALVE, CHECK, 5PSI HM, Non-steer end drive motor circuit	
19-	139528GT	SEAL KIT, VALVE	
20	139719GT	ORIFICE, 0.040" HN, Equalizes pressure on both sides of flow divider/combiner valve 8	

702.1 Two-Speed/Brake Manifold



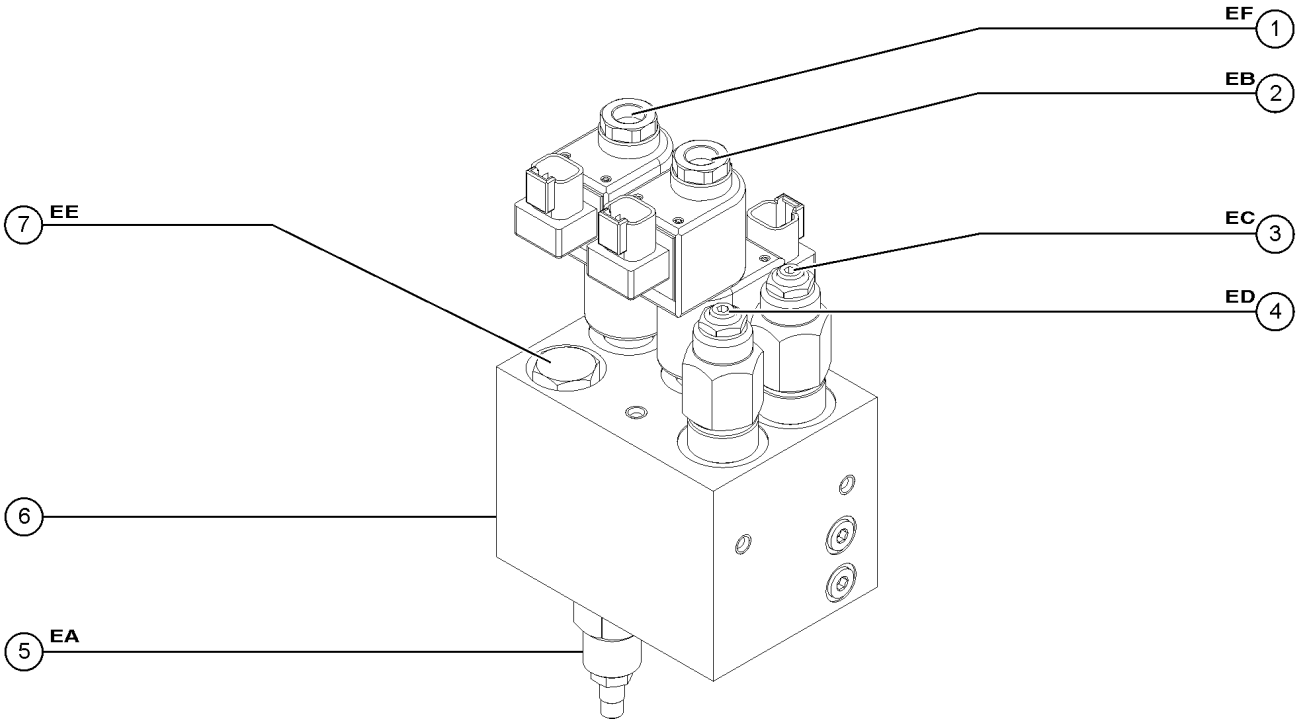
Item	Part No.	Description	Qty.
1	88785GT	MANIFOLD,BRAKE/2 SPD W/QD PLG* (Complete)	
2	94760GT	VALVE,SOLENOID,10V,W/OUT COIL* BA, Brake release	
2-	94765GT	COIL-10V DC***	
2-	94759GT	NUT,SOLENOID	
2-	128419GT	SEAL KIT	
3	94760GT	VALVE,SOLENOID,10V,W/OUT COIL* BC, Two speed motor shift	
3-	94765GT	COIL-10V DC***	
3-	94759GT	NUT,SOLENOID	
3-	128419GT	SEAL KIT	
4	94761GT	VALVE,CHECK BB, Brake release circuit	
4-	128420GT	SEAL KIT	
5	94764GT	ORIFICE,0.025" BD, Turntable rotaton brake release	
6	216602GT	MANIFOLD,BRAKE,2-SPEED (Complete)	
7	219245GT	ORIFICE PLUG .025 DIA. BE, Turntable rotaton brake release	
8	35726GT	VALVE,HYDRAULIC CHECK BF, Brake release circuit	
8-	161145GT	SEAL KIT,CHECK VALVE 219246	
9	219243GT	COIL, SOLENOID VALVE, 10V BG, Brake release	
9-	219247GT	VALVE, SOLENOID	
9-	94759GT	NUT,SOLENOID	
9-	161144GT	SEAL KIT,SOLENOID VALVE 219247	
10	219243GT	COIL, SOLENOID VALVE, 10V BH, Two speed motor shift	
10-	219247GT	VALVE, SOLENOID	
10-	94759GT	NUT,SOLENOID	
10-	161144GT	SEAL KIT,SOLENOID VALVE 219247	

703.1 Function Enable Valve and Platform Rotator Manifold



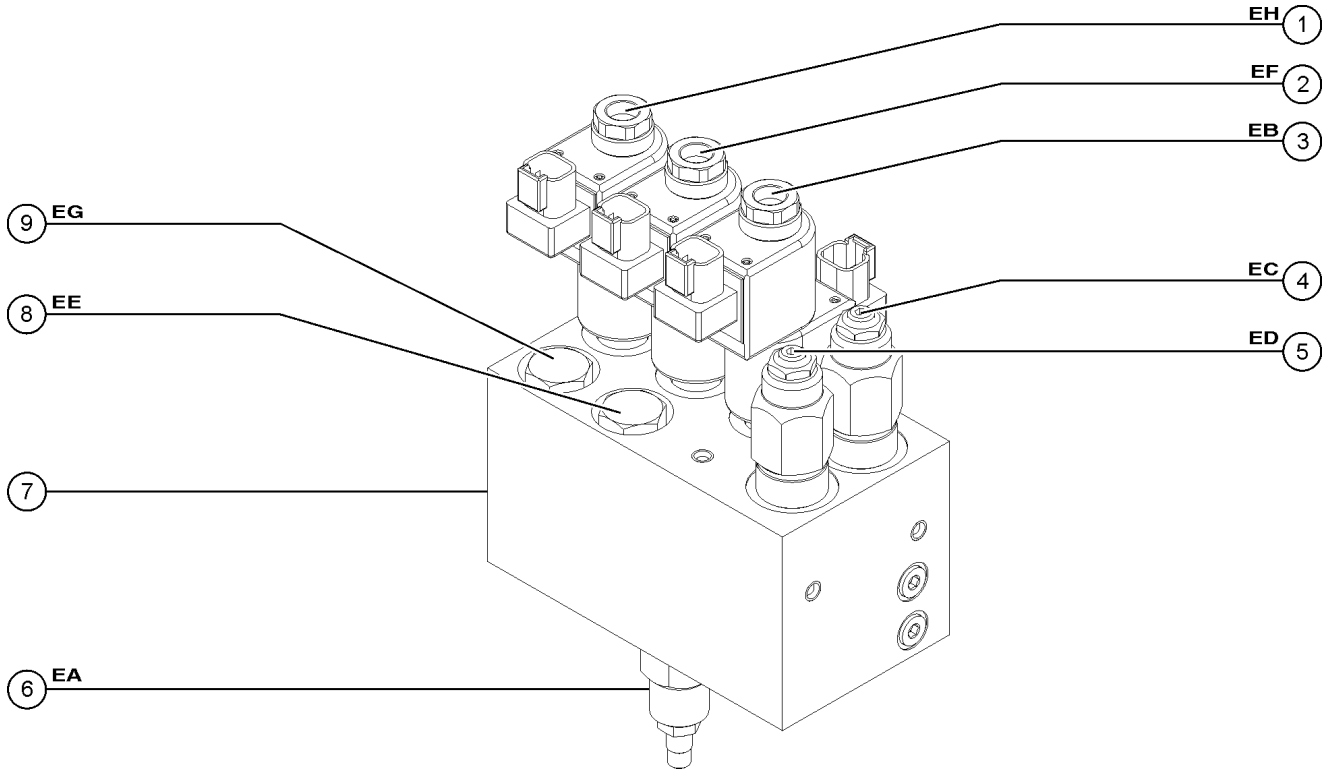
Item	*Part No.*	*Description*	*Qty.*
1	73807GT	MANIFOLD,ROTATOR,CB*** (Complete)	
1-	62507GT	O-RING, ROTATOR MANIFOLD	
2	62506GT	VALVE - COUNTERBALANCE** PB, Platform rotate left	
2-	43018GT	SEAL KIT (39345)	
3	62506GT	VALVE - COUNTERBALANCE** PA, Platform rotate right	
3-	43018GT	SEAL KIT (39345)	
4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

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

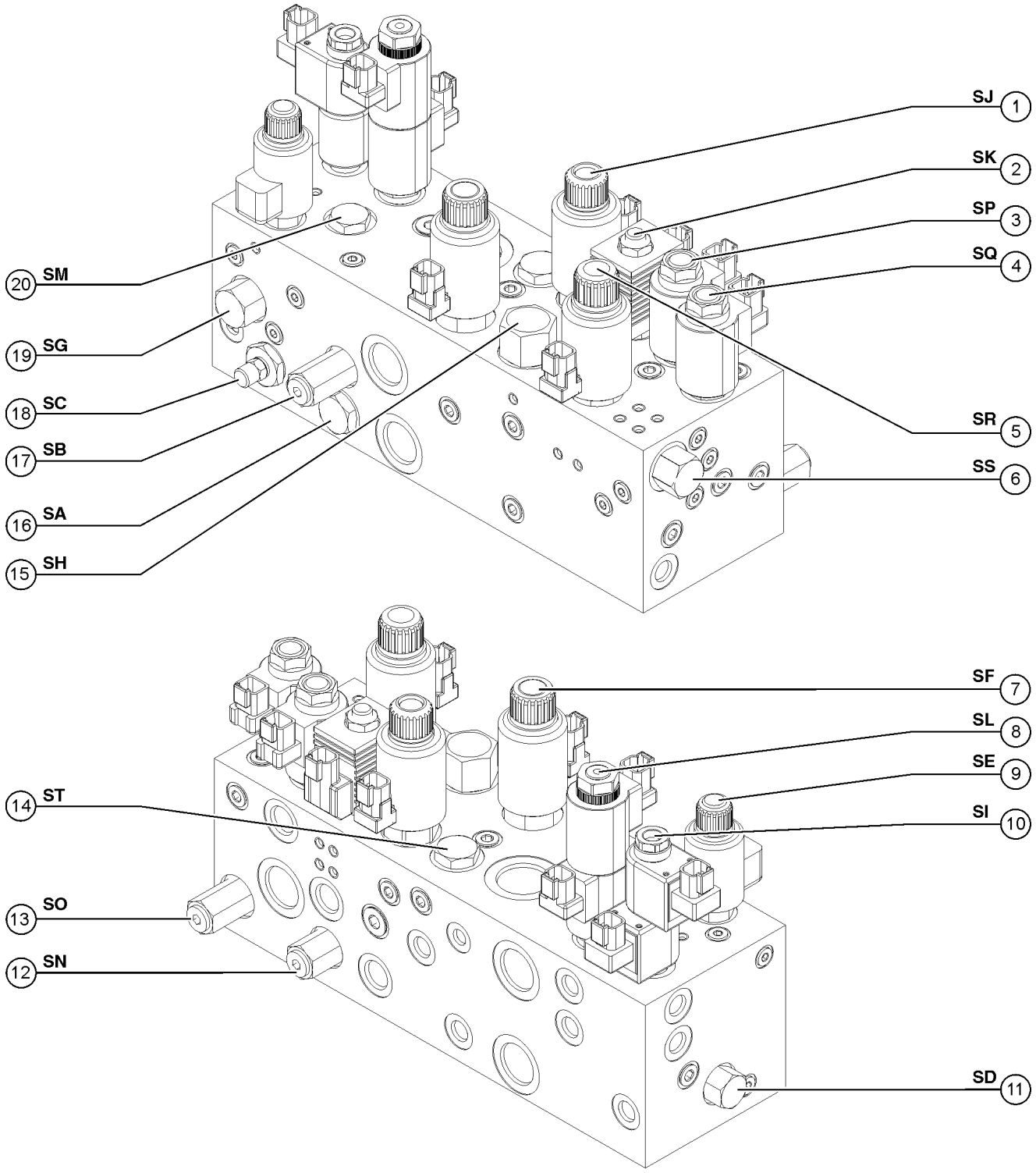


Item	*Part No.*	*Description*	*Qty.*
A-	121707GT	MANIFOLD,PLATFORM,S80,2SEC (Complete)	
1	122121GT	SOLENOID VALVE EF, Platform rotate CW/CCW	
1-	122120GT	SEAL KIT, SOLENOID VALVE	
1-	122148GT	COIL, SOLENOID VALVE,20W	
1-	52943GT	NUT, SOLENOID VALVE COIL	
2	122121GT	SOLENOID VALVE EP, Platform level up/down	
2-	122120GT	SEAL KIT, SOLENOID VALVE	
2-	122148GT	COIL, SOLENOID VALVE,20W	
2-	52943GT	NUT, SOLENOID VALVE COIL	
3	50481GT	VALVE,COUNTERBALANCE,3500 PSI EC, Platform level CB valve	
3-	43018GT	SEAL KIT (39345)	
4	50481GT	VALVE,COUNTERBALANCE,3500 PSI ED, Platform level CB valve	
4-	43018GT	SEAL KIT (39345)	
5	62258GT	VALVE,NEEDLE*** EA, Platform level	
6	121707GT	MANIFOLD,PLATFORM,S80,2SEC	
7	1274553GT	PRESSURE COMP FLOW CONTROL 0.3GPM EE, Platform rotate flow control	
7-	74902GT	SEAL KIT, VALVE	

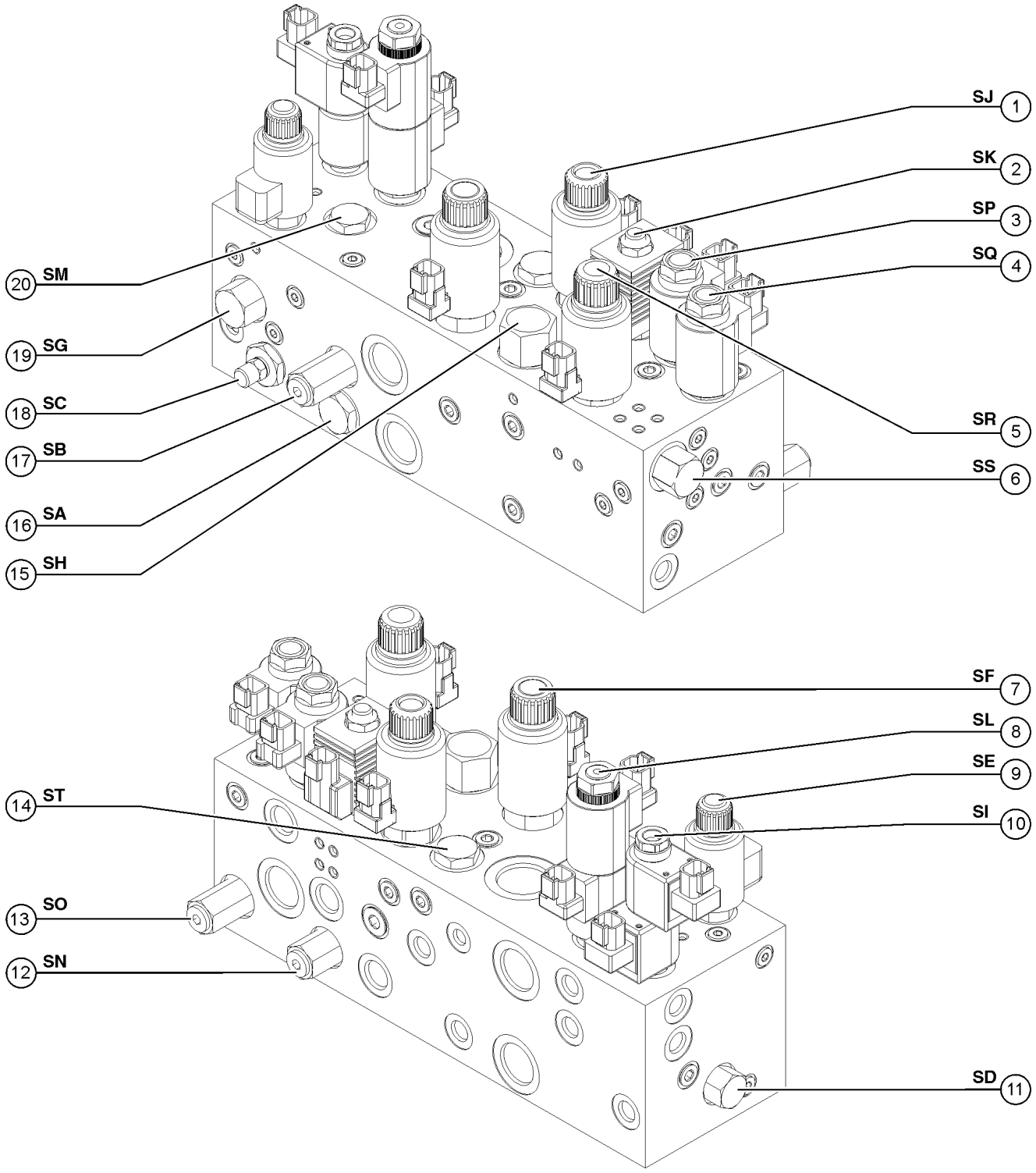
705.1 Platform Manifold, S-85



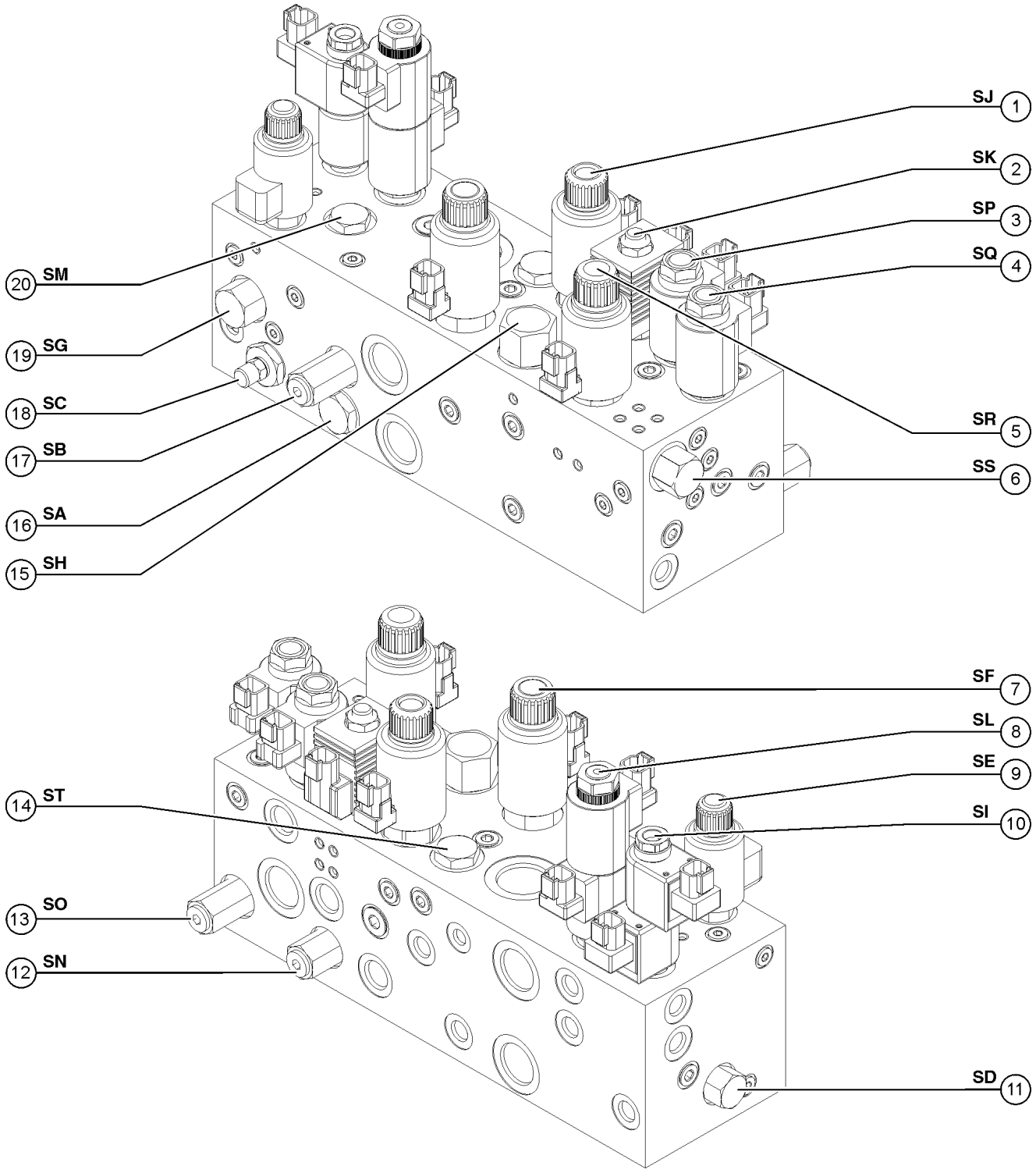
Item	Part No.	Description	Qty.
A-	121706GT	MANIFOLD,PLATFORM,S856,3 SEC (Complete)	
1	122121GT	SOLENOID VALVE EH, Jib up/down	
1-	122120GT	SEAL KIT, SOLENOID VALVE	
1-	122148GT	COIL, SOLENOID VALVE,20W	
1-	52943GT	NUT, SOLENOID VALVE COIL	
2	122121GT	SOLENOID VALVE EF, Platform rotate CW/CCW	
2-	122120GT	SEAL KIT, SOLENOID VALVE	
2-	122148GT	COIL, SOLENOID VALVE,20W	
2-	52943GT	NUT, SOLENOID VALVE COIL	
3	122121GT	SOLENOID VALVE EB, Platform level up/down	
3-	122120GT	SEAL KIT, SOLENOID VALVE	
3-	122148GT	COIL, SOLENOID VALVE,20W	
3-	52943GT	NUT, SOLENOID VALVE COIL	
4	50481GT	VALVE,COUNTERBALANCE,3500 PSI EC, Platform level CB valve	
4-	43018GT	SEAL KIT (39345)	
5	50481GT	VALVE,COUNTERBALANCE,3500 PSI ED, Platform level CB valve	
5-	43018GT	SEAL KIT (39345)	
6	62258GT	VALVE,NEEDLE*** EA, Platform level	
7	121706GT	MANIFOLD,PLATFORM,S856,3 SEC	
8	1274553GT	PRESSURE COMP FLOW CONTROL 0.3GPM (EE, Platform rotate flow control)	
8-	74902GT	SEAL KIT, VALVE	
9	1274554GT	PRESSURE COMP FLOW CONTROL 0.8GPM (EG, Jib flow control)	
9-	74902GT	SEAL KIT, VALVE	


SJ 1
SK 2
SP 3
SQ 4
SR 5
SS 6
SF 7
SL 8
SE 9
SI 10
SD 11
SN 12
SO 13
ST 14
SH 15
SA 16
SB 17
SC 18
SG 19
SM 20

Item	Part No.	Description	Qty.
A-	121708GT	MANIFOLD,SWING S80/85,5 SEC (Complete)	
1	122643GT	Valve-Solenid 2 Postion 3WA SJ, Boom up	
1-	122652GT	COIL, D14E 10 VDC DED	
1-	45921GT	RETAINER-N.C.PROPOR.SOLENOID	
1-	110198GT	SEAL KIT, VALVE, #12	
2	89309GT	VALVE - SOLENOID 2POSITION 3WA SK, Boom down	
2-	62275GT	COIL,10V	
2-	45912GT	NUT,SOLENOID VALVE 2P3W	
2-	89310GT	SEAL KIT, SOLENOID VALVE	
3	122649GT	VALVE,SOLENOID,NO,POPPET SP, Retract	
3-	111778GT	COIL,10V DC(D10,26 WATT)	
3-	102940GT	NUT,SOLENOID VALVE	
3-	122657GT	SEAL KIT	
4	122649GT	VALVE,SOLENOID,NO,POPPET SP, Extend	
4-	111778GT	COIL,10V DC(D10,26 WATT)	
4-	102940GT	NUT,SOLENOID VALVE	
4-	122657GT	SEAL KIT	
5	107753GT	VALVE,PROPORTIONAL SR, Extend/Retract proportional	
5-	58303GT	COIL,VALVE,PROPORTIONAL***	
5-	45912GT	NUT,SOLENOID VALVE 2P3W	
5-	89310GT	SEAL KIT, SOLENOID VALVE	
6	122651GT	VALV, DIFFERENTIAL SENSING SS, Boom extend	
6-	122657GT	SEAL KIT	
7	107752GT	VALVE,PROPORTIONAL SF, Boom up/down proportional	
7-	58303GT	COIL,VALVE,PROPORTIONAL***	
7-	45921GT	RETAINER-N.C.PROPOR.SOLENOID	
7-	110198GT	SEAL KIT, VALVE, #12	
8	122647GT	SOLENOID VALVE SPOOL TYPE SL, Steering directional	

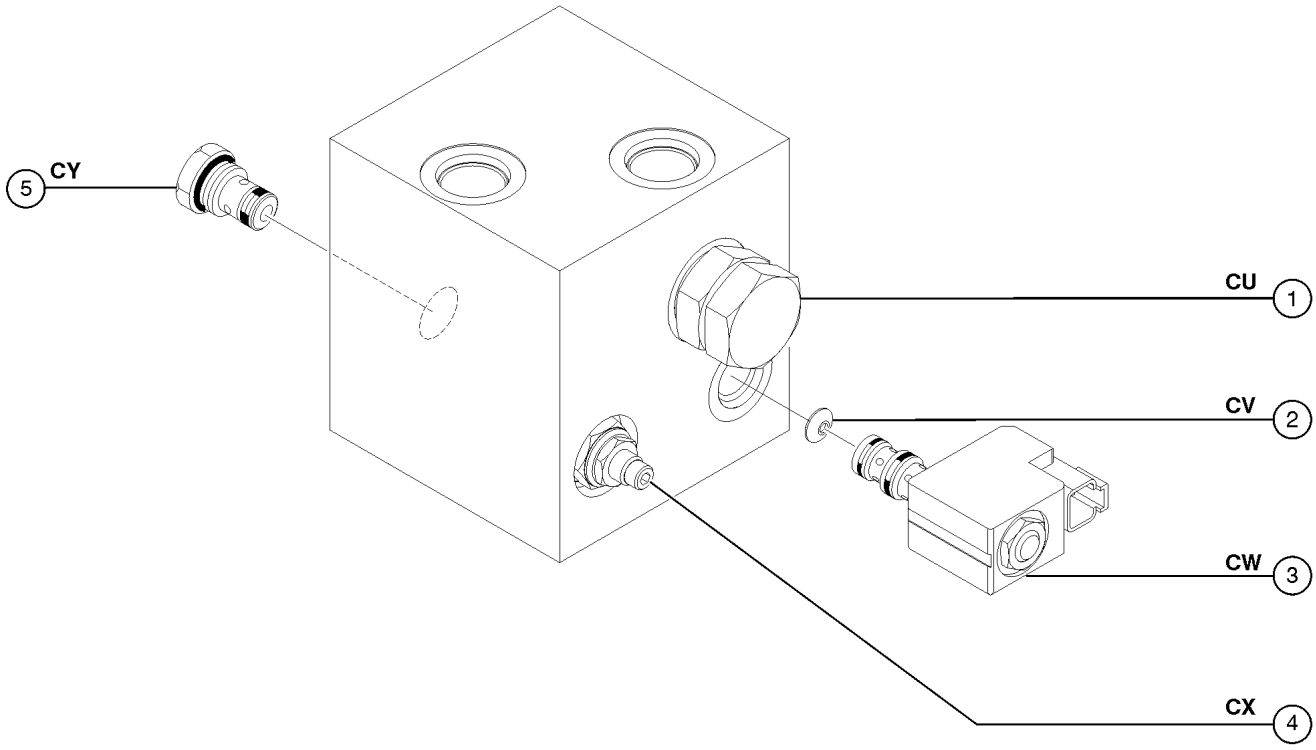

SJ 1
SK 2
SP 3
SQ 4
SR 5
SS 6
SF 7
SL 8
SE 9
SI 10
SD 11
SN 12
SO 13
ST 14
SH 15
SA 16
SB 17
SC 18
SG 19
SM 20

Item	Part No.	Description	Qty.
8-	111778GT	COIL,10V DC(D10,26 WATT)	
8-	122653GT	Coil Nut	
8-	122657GT	SEAL KIT	
9	102528GT	VALVE,PROPORTIONAL SE, Swing proportional	
9-	89737GT	COIL, PROPORTIONAL VALVE***	
9-	89738GT	NUT, PROPORTIONAL VALVE	
9-	89312GT	SEAL KIT, SOLENOID VALVE	
9	102526GT	O-RING, PROPORTIONAL VALVE (between coil and nut)	
10	122645GT	SOLENOID VALVE,SPOOL TYPE SI, Swing directional	
10-	89733GT	COIL SOLENOID VALVE***	
10-	102940GT	NUT,SOLENOID VALVE	
10-	122120GT	SEAL KIT, SOLENOID VALVE	
11	19060GT	VALVE,FLOW REGULATOR SD, Oscilate flow control	
11-	74902GT	SEAL KIT, VALVE	
12	48415GT	VALVE,RELIEF SN, Boom down relief	
12-	74902GT	SEAL KIT, VALVE	
13	110209GT	VALVE, RELIEF, 2400 PSI SO, Boom extend relief	
13-	74902GT	SEAL KIT, VALVE	
14	122656GT	VALVE, CHECK, 30 PSI ST, Return check valve	
14-	110194GT	SEAL KIT, VALVE, #10	
15	122650GT	VALV, DIFFERENTIAL SENSING SH, Primary lift	
15-	122660GT	Seal Kit	
16	122646GT	BYPASS VALVE RELIEF SA, Back flow check function pump	
16-	110194GT	SEAL KIT, VALVE, #10	
17	52715GT	VALVE,RELIEF 3200 PSI SB, System main relief	
17-	74902GT	SEAL KIT, VALVE	
18	122644GT	PRESSURE REDUCING VALVE SC, Oscilate pressure control	
19	52714GT	VALVE,DIFFERENTIAL SENSING SG, Differential sensing. TT rotate	


SJ 1
SK 2
SP 3
SQ 4
SR 5
SS 6
SF 7
SL 8
SE 9
SI 10
SD 11
SN 12
SO 13
ST 14
SH 15
SA 16
SB 17
SC 18
SG 19
SM 20

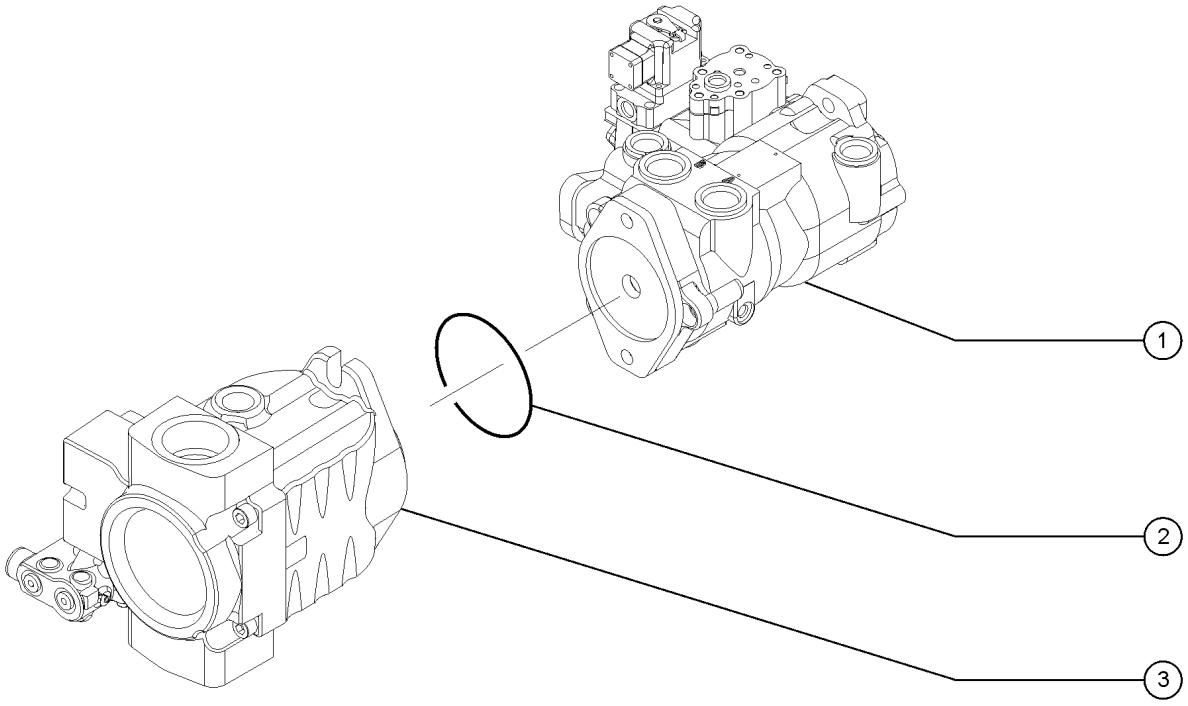
Item	*Part No.*	*Description*	*Qty.*
19-	74902GT	SEAL KIT, VALVE	
20	122641GT	VALVE,FLOW REGULATOR SM, Steering flow control	
20-	74902GT	SEAL KIT, VALVE	

707.1 Oil Diverter Manifold (welder option)



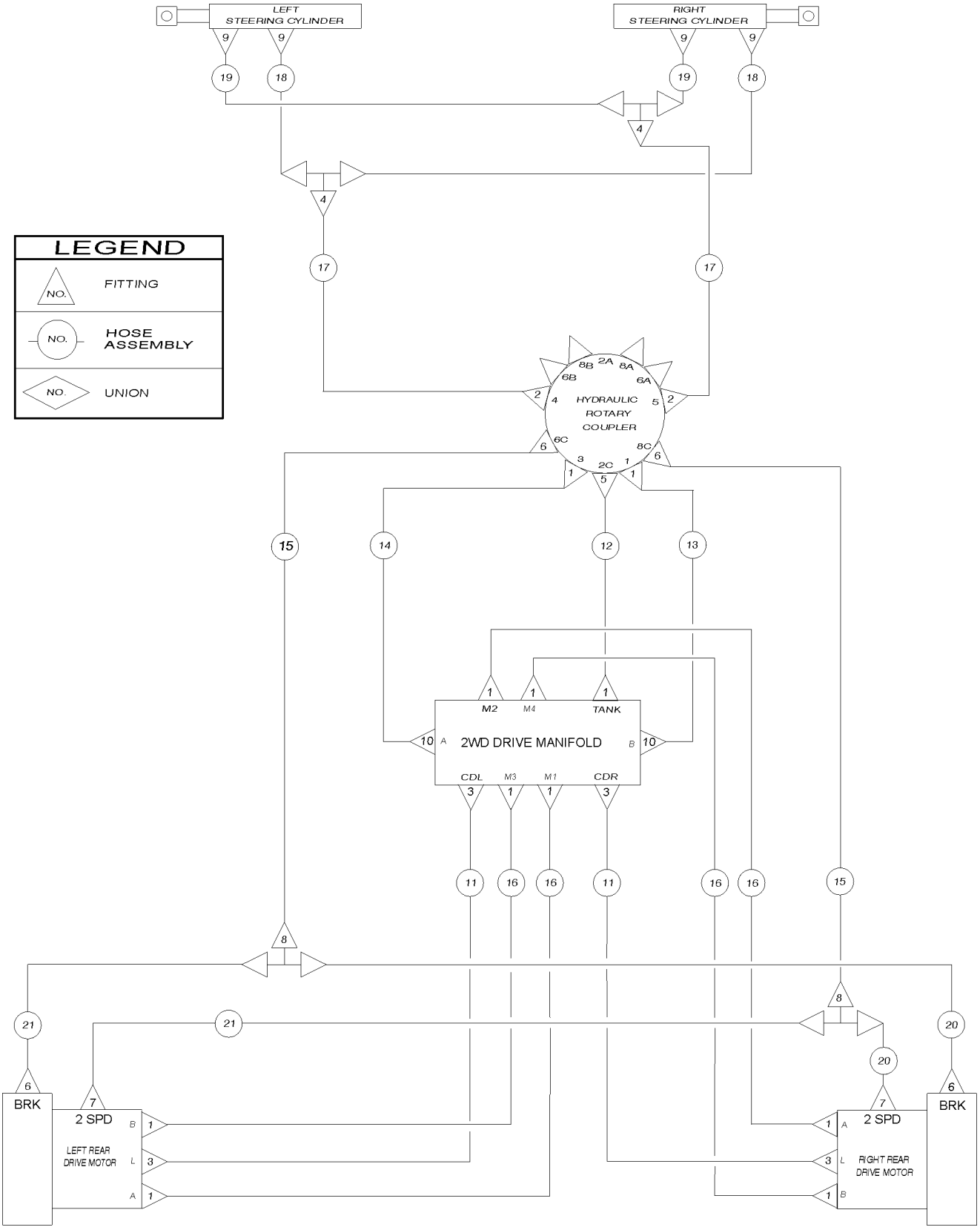
Item	*Part No.*	*Description*	*Qty.*
A-	101516GT	MANIFOLD,DRIVE OIL DIVERTER (Complete)	
1	102746GT	VALVE,PILOT OPER DIRECTIONAL CU, Diverter valve	
2	106394GT	ORIFICE DISC,.030,CONE CV, Delays shift to drive	
3	94760GT	VALVE,SOLENOID,10V,W/OUT COIL* CW, Pilot valve to diverter	
3-	94765GT	COIL-10V DC***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

708.1 Pumps



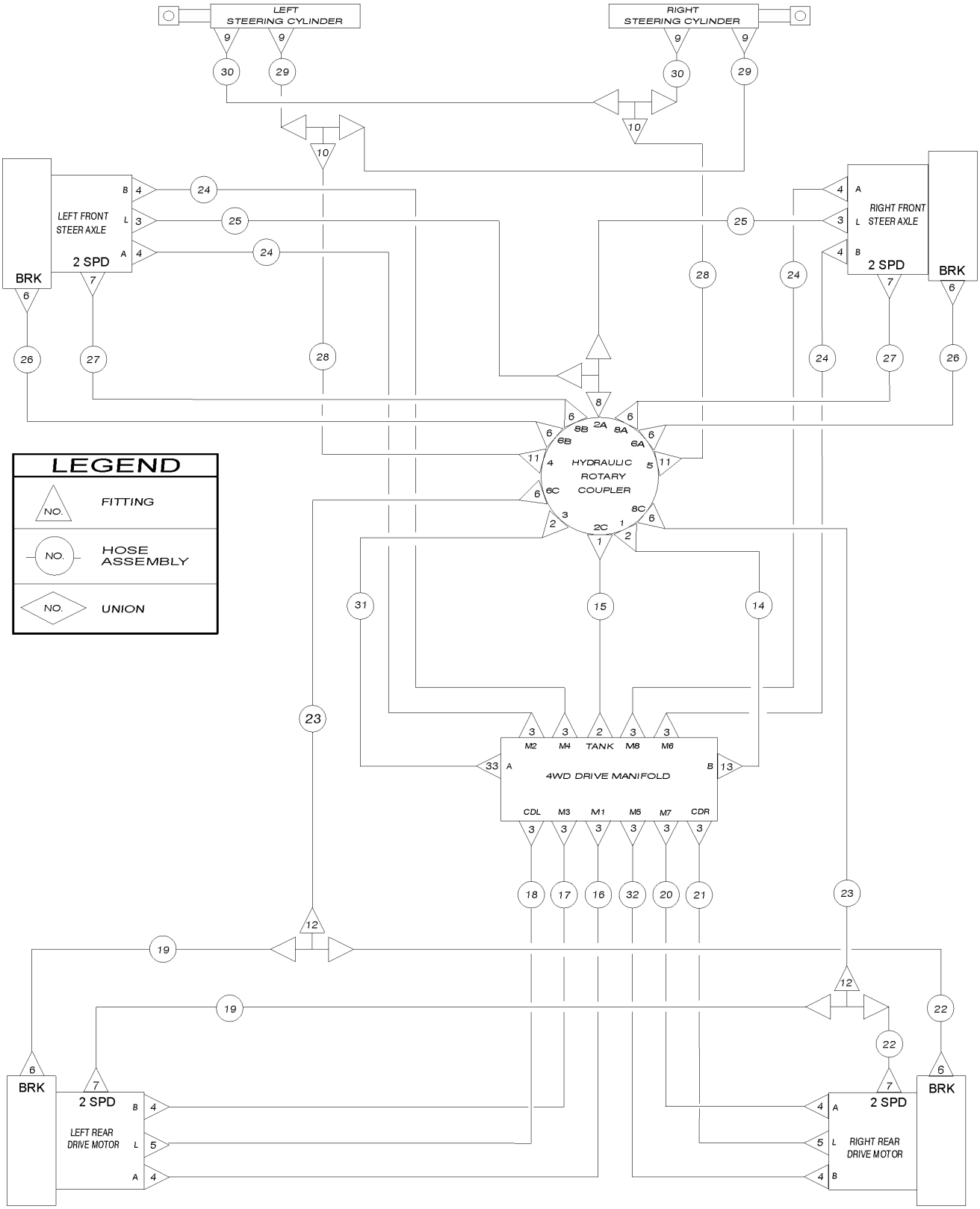
Item	*Part No.*	*Description*	*Qty.*
1	101068GT	PUMP,PISTON,46CC,B MOUNT,13T** (Drive pump)	1
1-	29739GT	SEAL KIT,SAUER-DANFOSS M46***	
1-	77819GT	EDC ASSY,SAUER M46***	
1-	58290GT	VALVE,EDC,PILOT,SAUER,M46***	
2	52087GT	O-RING,2-044 BUNA***	1
3	121310GT	PUMP,FUNCTION,38CC,LS	1
3-	122669GT	SEAL KIT	

709.1 2WD Drive and Steer System



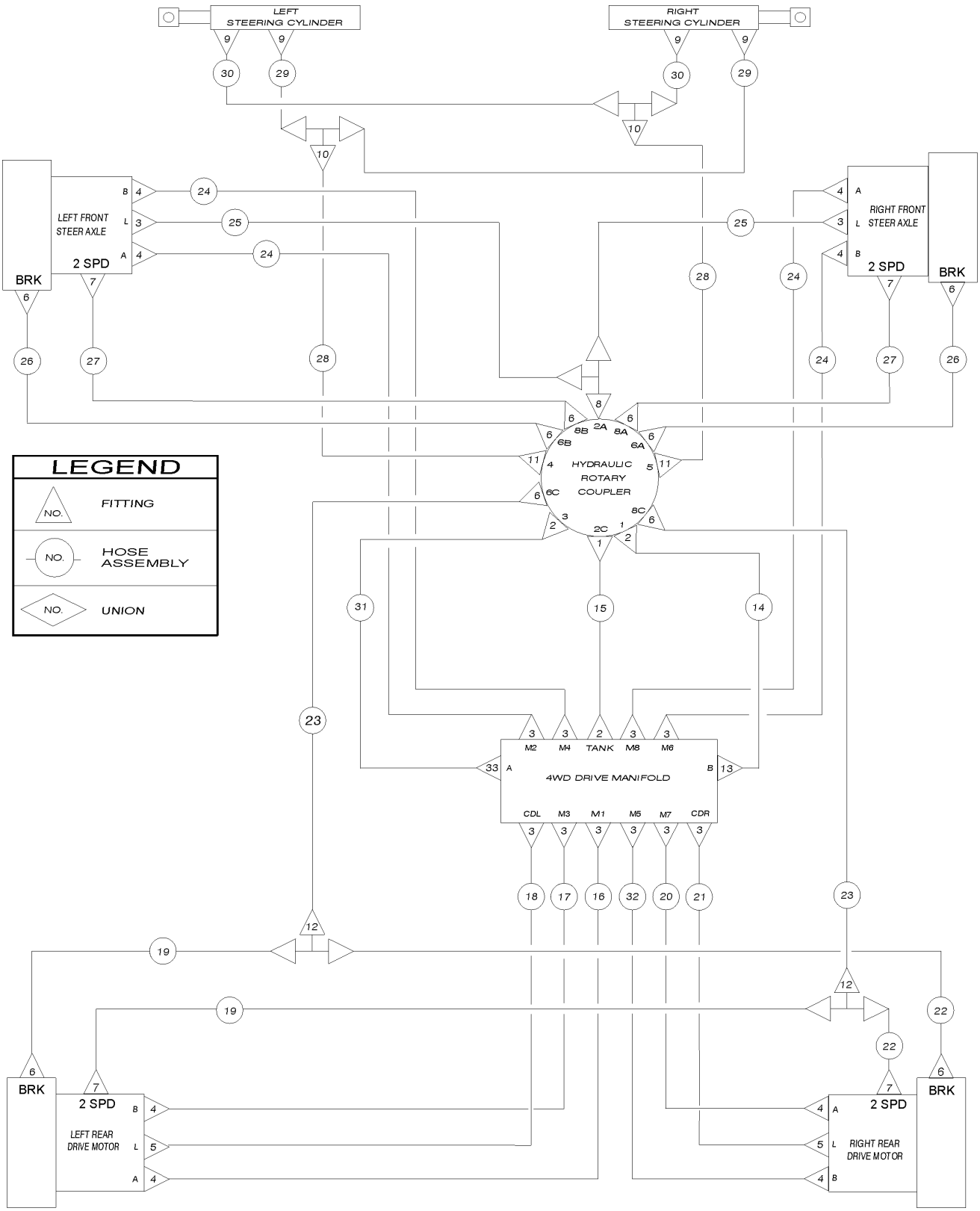
Item	Part No.	Description	Qty.
1	48960GT	FITTING,CONN,520120-12***	10
2	48916GT	CONN, 520120-6	2
3	48933GT	CONN,520120-8***	4
4	89449GT	FITTING, BRANCH BULKHEAD	2
5	48963GT	FITTING,ELBOW,45D,520320-12***	1
6	48905GT	CONNECTOR, 520120-4	4
7	48911GT	ELBOW,90D,520220-4-6***	2
8	48909GT	TEE,BULKHEAD,RUN,520958-4	2
9	48915GT	ELBOW,90D,520220-6	4
10	48959GT	FITTING,ELBOW,90D,520220-12	2
11	49143-5229GT	HOSE ASSY,1/2,90 FEM,STR FEM	2
12	49149-2526GT	HOSE ASSY,3/4,STR FEM,STR FEM	1
13	89871-2648GT	HOSE ASSY,3/4,STR FEM,STR FEM	1
14	89871-2448GT	HOSE ASSY,3/4,STR FEM,STR FEM	1
15	49116-3137GT	HOSE ASSY,1/4,45 FEM,STR FEM	2
16	94374-5130GT	HOSE ASSY,3/4",90F,STR F	4
17	49130-2957GT	HOSE ASSEMBLY,3/8	2
18	49128-2409GT	HOSE ASSEMBLY,3/8"	2
19	49128-3709GT	HOSE ASSEMBLY,3/8"	2
20	49117-5391GT	HOSE ASSY,1/4,90 FEM,STR FEM	2
21	49119-4578GT	HOSE ASSY,1/4,STR FEM,STR FEM	2

710.1 4WD Drive and Steer System



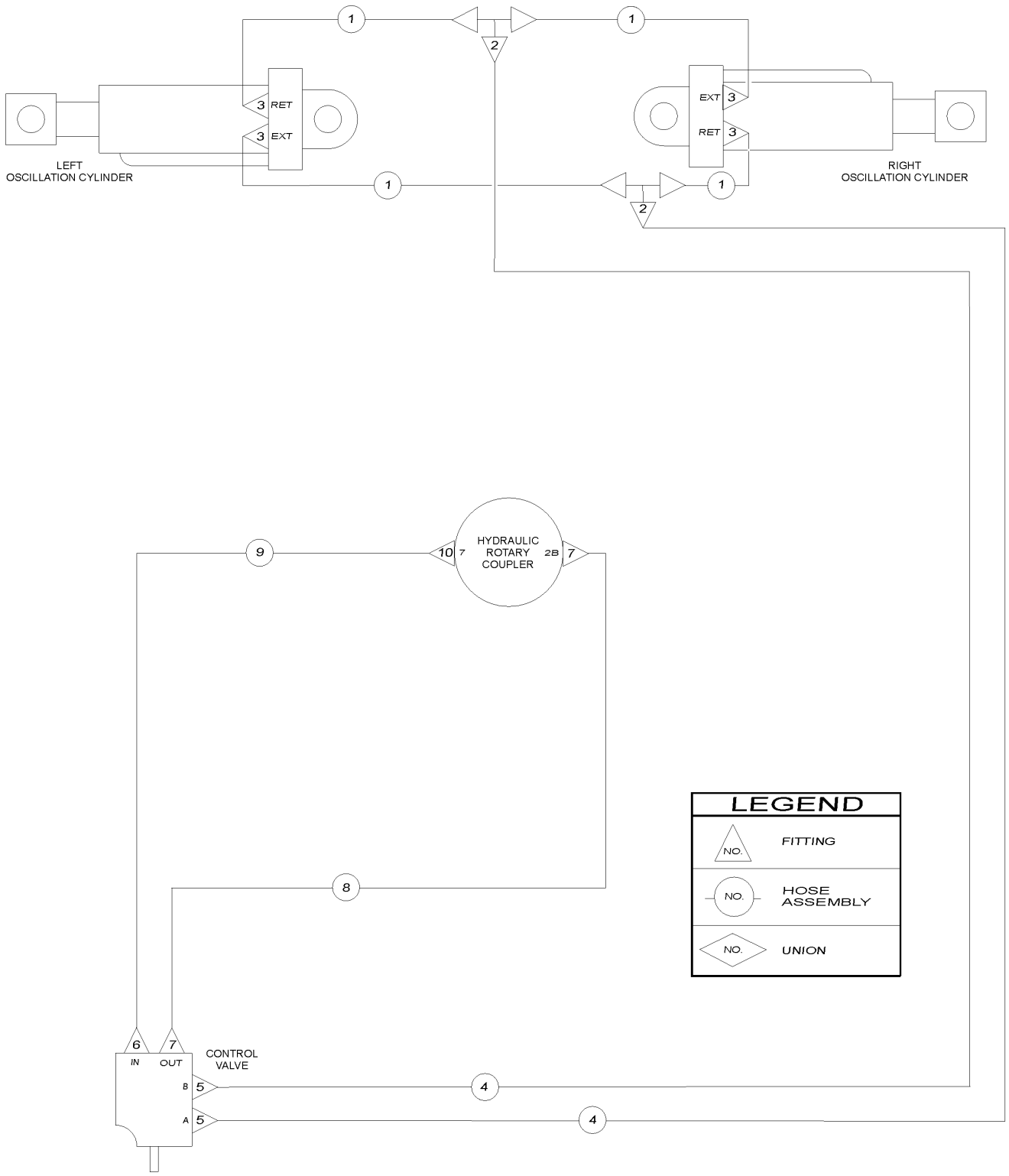
Item	Part No.	Description	Qty.
1	48963GT	FITTING,ELBOW,45D,520320-12***	1
2	48960GT	FITTING,CONN,520120-12***	3
3	48933GT	CONN,520120-8***	12
4	48948GT	CONN,520120-8-12	8
5	48932GT	FITTING,ELBOW,90D,520220-8***	2
6	48905GT	CONNECTOR, 520120-4	10
7	48911GT	ELBOW,90D,520220-4-6***	4
8	48936GT	TEE,BRANCH,520429-8	1
9	48915GT	ELBOW,90D,520220-6	4
10	89449GT	FITTING, BRANCH BULKHEAD	2
11	48916GT	CONN, 520120-6	2
12	48909GT	TEE,BULKHEAD,RUN,520958-4	2
13	48959GT	FITTING,ELBOW,90D,520220-12	1
14	89871-2448GT	HOSE ASSY,3/4,STR FEM,STR FEM	1
15	49149-2526GT	HOSE ASSY,3/4,STR FEM,STR FEM	1
16	75278-4829GT	HOSE ASSY,1/2,90 FEM,STR FEM	1
17	75278-5229GT	HOSE ASSY,1/2,90 FEM,STR FEM	1
18	49183-5092GT	HOSE ASSY,1/2,STR FEM,STR FEM*	1
19	49119-4578GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
20	75278-4729GT	HOSE ASSY,1/2,90 FEM,STR FEM	1
21	49183-4692GT	HOSE ASSY,1/2,STR FEM,STR FEM	1
22	49117-5391GT	HOSE ASSY,1/4,90 FEM,STR FEM	2
23	49116-3137GT	HOSE ASSY,1/4,45 FEM,STR FEM	2
24	81812-14692GT	ASSY, HOSE, HYD, -8, 4250, STR, STR	4
25	49141-11463GT	ASSY,HOSE,HYD,-6,3000,STR,STR	2
25-	122441-11463GT	HOSE ASSY,1/2,45 FEM,STR FEM (Arctic hose option)	2
26	49117-11491GT	HOSE ASSY,1/4,90 FEM,STR FEM**	2
26-	101790-11391GT	HOSE ASSY,1/4,90 FEM,STR FEM (Arctic hose option)	2

710.1 4WD Drive and Steer System



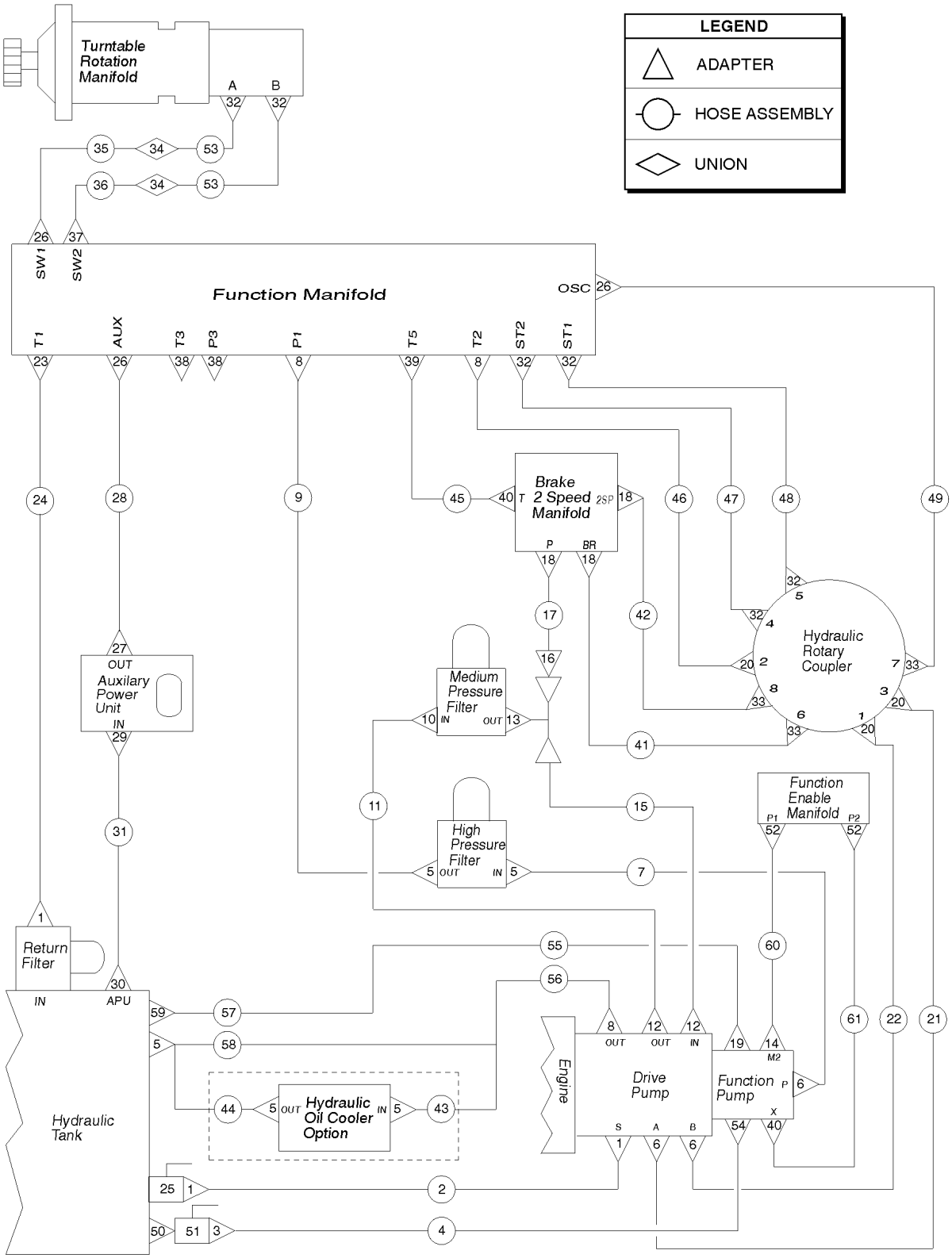
Item	*Part No.*	*Description*	*Qty.*
27	49119-11378GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
27-	101792-11378GT	HOSE ASSY,1/4,STR FEM,STR FEM rctic hose option)	2
28	49130-2957GT	HOSE ASSEMBLY,3/8	2
29	49128-2409GT	HOSE ASSEMBLY,3/8"	2
30	49128-3709GT	HOSE ASSEMBLY,3/8"	2
31	89871-2448GT	HOSE ASSY,3/4,STR FEM,STR FEM to SN 8757	
31B	49117-4891GT	HOSE ASSY,1/4,90 FEM,STR FEM from SN 8758	
32	75278-5029GT	HOSE ASSY,1/2,90 FEM,STR FEM	
33	48960GT	FITTING,CONN,520120-12***	

711.1 Oscillate System



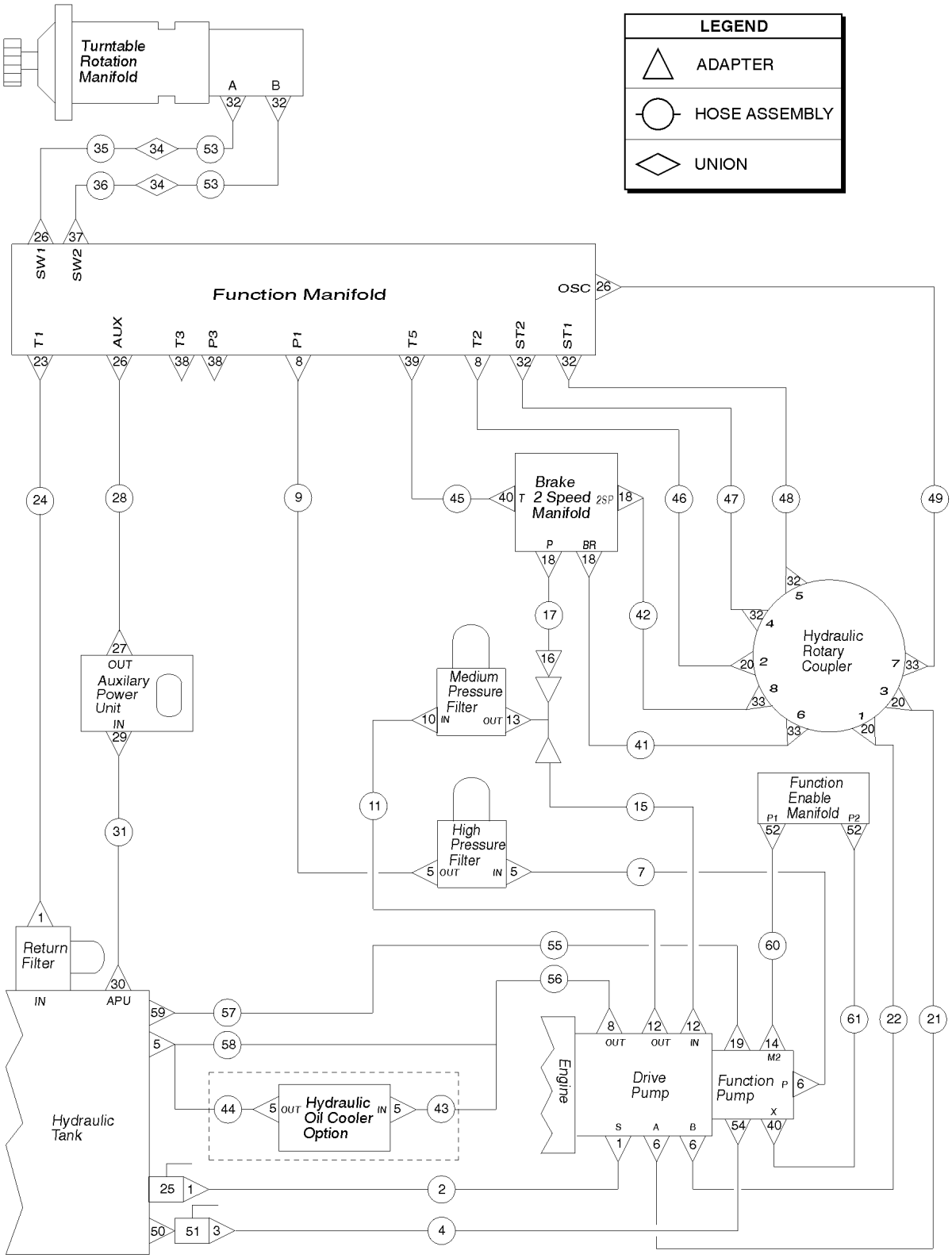
Item	Part No.	Description	Qty.
1	49128-4209GT	HOSE ASSY,3/8,90D	4
2	89449GT	FITTING, BRANCH BULKHEAD	2
3	48920GT	ELBOW,45D,520320-6	4
4	49130-8382GT	HOSE ASSY,FEM SW,6-6	2
5	48915GT	ELBOW,90D,520220-6	2
6	48914GT	CONN,520120-4-8	1
7	48930GT	FITTING,CONN,520120-6-8***	2
8	49128-4509GT	HOSE ASSY,3/8" 90 FEM,STR FEM	1
9	49117-4891GT	HOSE ASSY,1/4,90 FEM,STR FEM	1
10	48907GT	ELBOW,45D,520320-4	1

712.1 Turntable Components



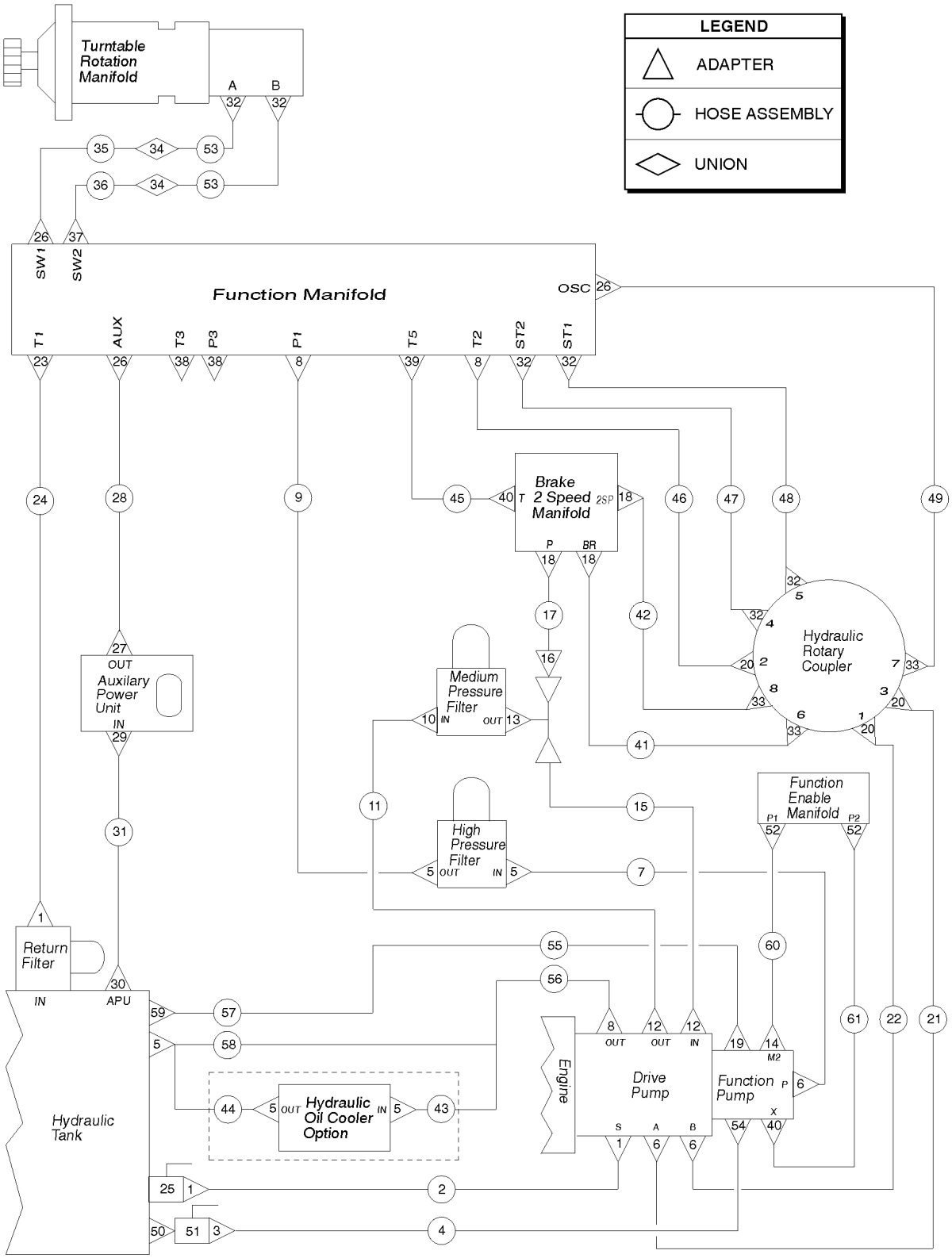
Item	Part No.	Description	Qty.
1	48984GT	CONN, 520120-16	3
2	88942-9554GT	HOSE ASSY,1",90 FEM,STR FEM	1
3	61083GT	CONN,520120-24	1
4	121608-9175GT	HOSE ASSY,1-1/2,STR,90D JIC	1
5	48959GT	FITTING,ELBOW,90D,520220-12	5
6	48977GT	CONN,520120-12-16	3
7	94374-4330GT	HOSE ASSY,3./4,90 FEM,STR FEM	1
8	48960GT	FITTING,CONN,520120-12***	3
8-	48959GT	FITTING,ELBOW,90D,520220-12 (use with hose 49151-3548)	
9	89871-5348GT	HOSE ASSY,3/4,STR FEM,STR FEM	1
10	48933GT	CONN,520120-8***	1
11	217058GT	HOSE ASSY,1/2,90 FEM,STR FEM	1
12	42790GT	ELBOW,45D,520320-8-10	2
13	48935GT	TEE,RUN,520428-8	1
14	48912GT	CONN,520120-4-6***	1
15	49143-4129GT	HOSE ASSY,1/2,90 FEM,STR FEMM*	1
16	111572GT	REDUCER,520123-8-6	1
17	121337GT	HYD TUBE,BRAKE/2SPD PRESS LINE to SN 13038	1
17-	1256206GT	HYD TUBE,BRAKE/2 SPD PRESS LINE from SN 13039 to 13999	
18	48927GT	CONN,520120-6-4	3
19	48946GT	CONN,520120-8-10	1
20	48963GT	FITTING,ELBOW,45D,520320-12***	3
21	89871-5848GT	HOSE ASSY,3/4,STR FEM	1
22	89871-5648GT	HOSE ASSY,3/4,STR FEM	1
23	48983GT	ELBOW,90D,520220-16	1
24	88942-6754GT	HOSE ASSY,1,90 FEM,STR FEM	1
25	48996GT	VALVE, BALL, 16 MSAE-16 FSAE	1
26	48915GT	ELBOW,90D,520220-6	3

712.1 Turntable Components

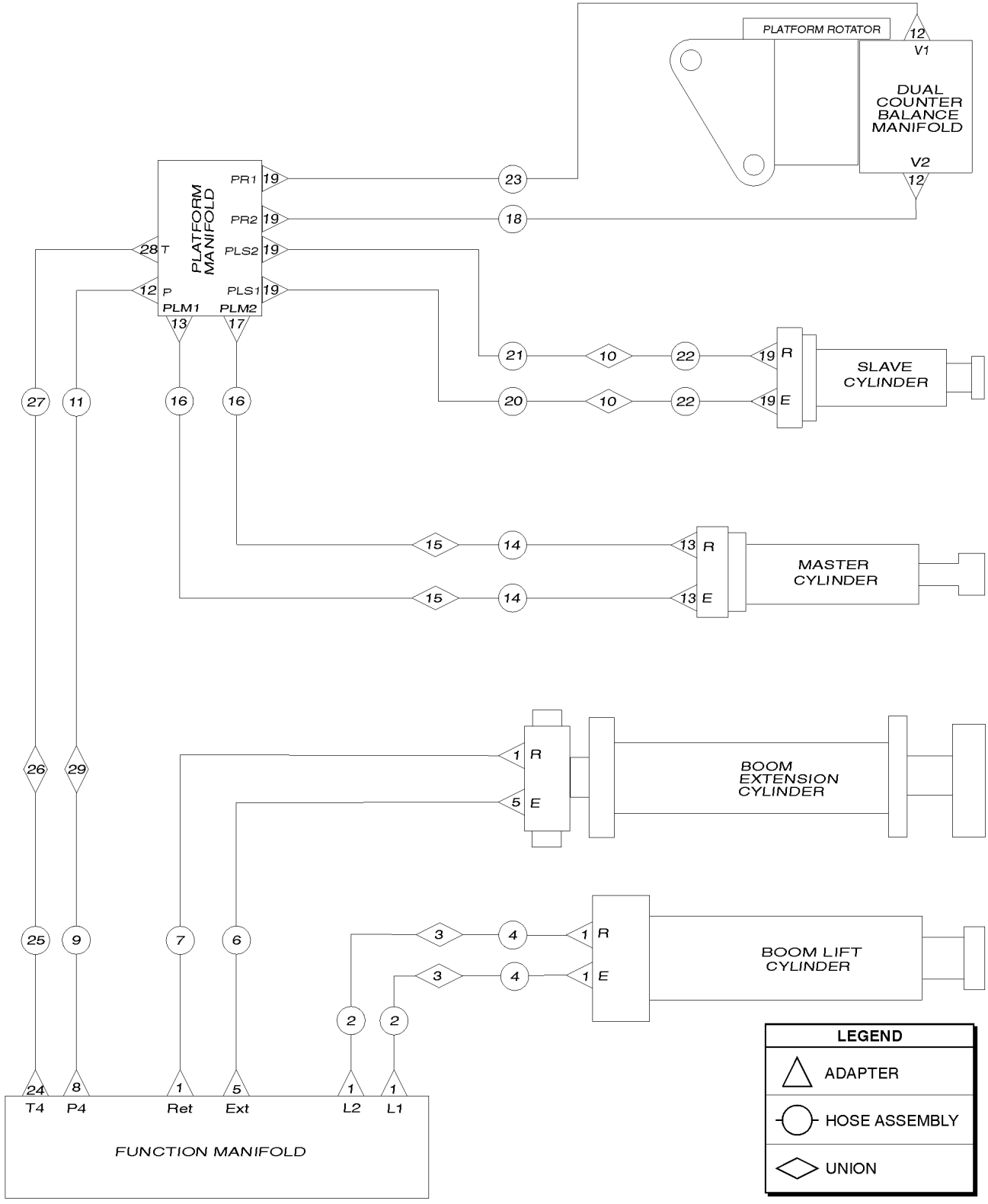


Item	Part No.	Description	Qty.
27	48918GT	TEE,RUN,520428-6	1
28	49128-1509GT	HOSE ASSY,3/8,90 FEM,STR FEM	1
29	48932GT	FITTING,ELBOW,90D,520220-8***	1
30	48933GT	CONN,520120-8***	1
31	49183-2692GT	HOSE ASSY,1/2,STR FEM,STR FEM*	1
32	48916GT	CONN, 520120-6	7
33	48928GT	ELBOW,45D,520320-6-4	3
34	61321GT	ELBOW,90D,BLKHD,ORFS-6-6 W/NUT	2
35	121685GT	HYD TUBE,SWING DRIVE #1	1
36	121684GT	HYD TUBE,SWING DRIVE #2	1
37	56003GT	ELBOW,90D,LONG,521520-6	1
38	87172GT	PLUG,HEX SOCKET,090109B-12	2
39	48905GT	CONNECTOR, 520120-4	1
40	48904GT	ELBOW, 90D, 520220-4 (Deutz and Perkins models)	2
40-	48905GT	CONNECTOR, 520120-4 (Continental models)	
41	121357GT	HYD TUBE,BRAKE to SN 13038	1
41-	1256825GT	HYD TUBE,BRAKE from SN 13039 to 13999	
42	121355GT	HYD TUBE,2-SPEED to SN 13038	1
42-	1256824GT	HYD TUBE,2-SPEED from SN 13039 to 13999	
43	121370GT	HYD TUBE, DRIVE CASE COOLER	1
44	49151-1898GT	HOSE ASSY,3/4,STR FEM,STR FEM	1
45	49117-6191GT	HOSE ASSY,1/4,90 FEM,STR FEM	1
46	49149-3126GT	HOSE ASSY,3/4,45 FEM,STR FEM	1
47	121682GT	HYD TUBE,STEER TUBE #2	1
48	121683GT	HYD TUBE,STEER TUBE #1	1
49	121681GT	HYD TUBE,OSC TUBE	1
50	75254GT	UNION,STR.THREAD 24***	1
51	75256GT	VALVE BALL,24 FSAE-24 FSAE***	1

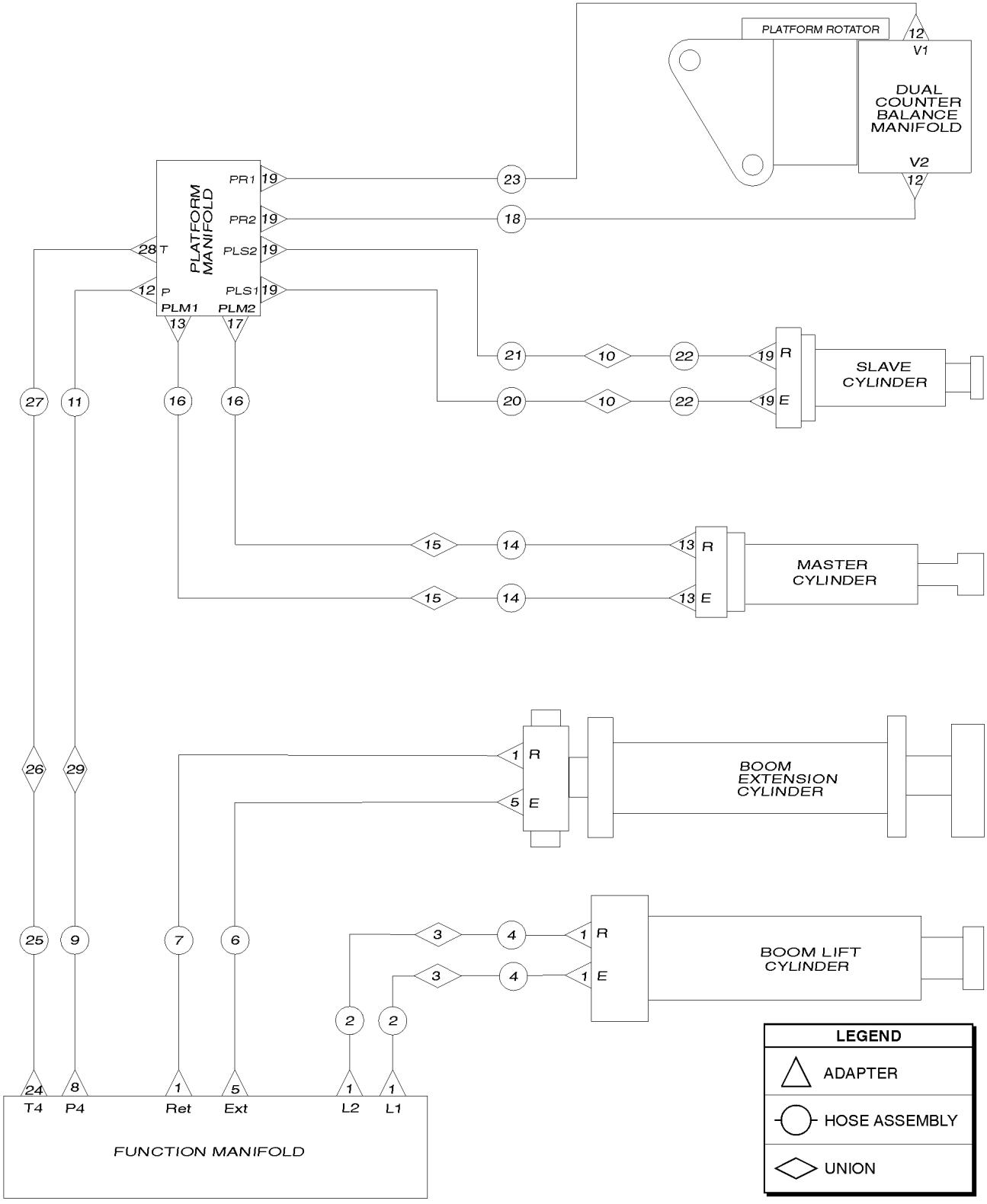
712.1 Turntable Components



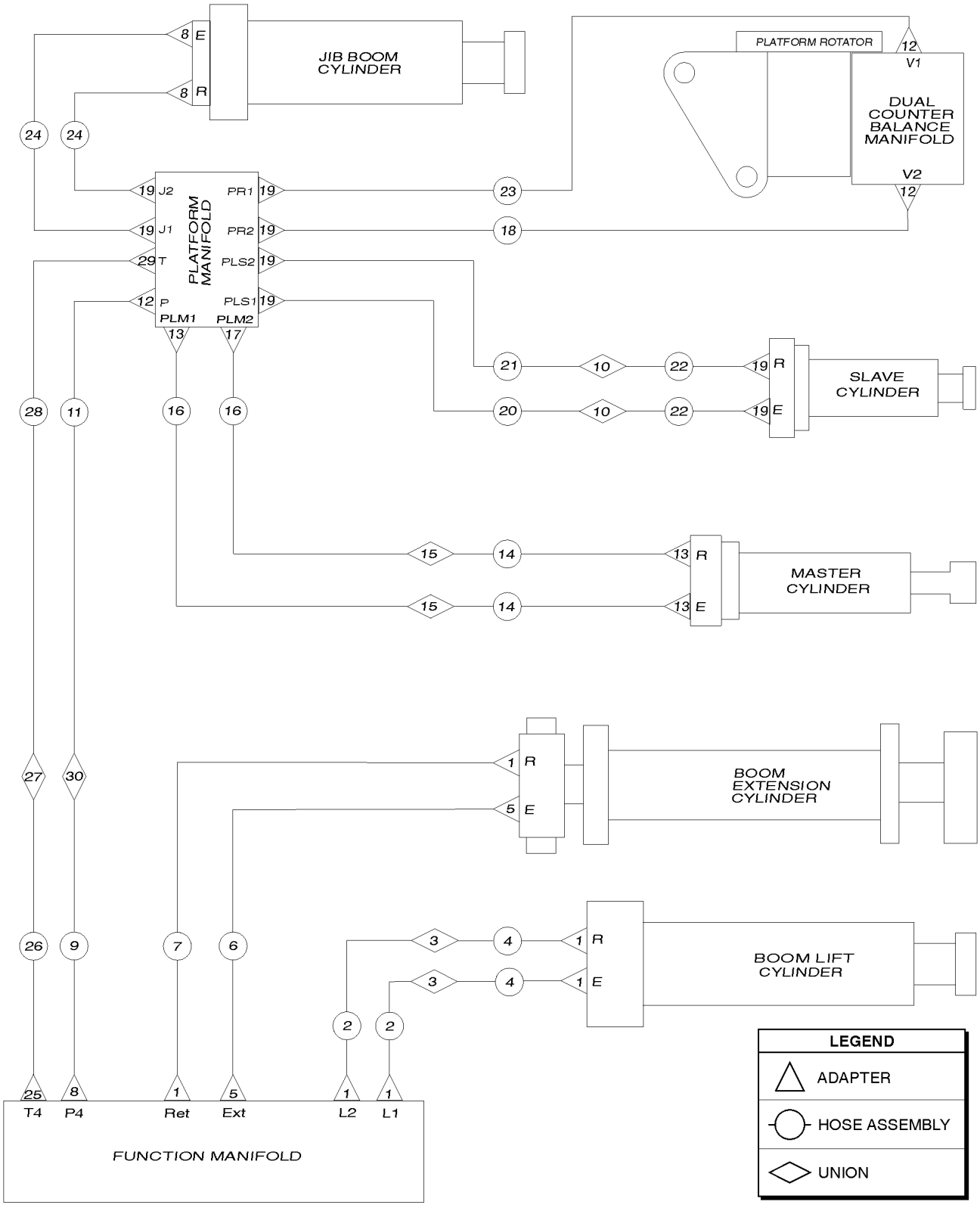
Item	Part No.	Description	Qty.
52	48907GT	ELBOW,45D,520320-4 (Deutz and Perkins models)	2
52-	48905GT	CONNECTOR, 520120-4 (Continental models)	
53	49128-2609GT	HOSE ASSEMBLY,3/8"	2
54	121777GT	CONN,070121-24-24	1
55	49143-2829GT	HOSE ASSY,1/2,90 FEM,STR FEMM*	1
55-		SEAL, ORFS TUBE FLANGE, 8PLS (no longer available)	1
56	49150-3730GT	HOSE ASSY,3/4,90 FEM,STR FEM to SN 11648	1
56-	121222GT	SEAL, ORFS TUBE FLANGE, 12 PLS use with hose 49150-3730, to SN 11648	1
56-	49151-3548GT	HOSE ASSY,3/4,STR FEM,STR FEM rom SN 11649	
57	121366GT	HYD TUBE,FUNCTION CASE	1
58	121365GT	HYD TUBE, DRIVE CASE	1
59	75614GT	ELBOW,90D,LONG,521520-8	1
60	49116-1437GT	HOSE ASSY,1/4,45 FEM,STR FEM	1
61	49119-1378GT	HOSE ASSY,1/4,STR FEM,STR FEM	1


PLATFORM ROTATOR
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DUAL COUNTER BALANCE MANIFOLD
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PLATFORM MANIFOLD
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PR2 19
PLS2 19
PLS1 19
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PLM2
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SLAVE CYLINDER
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MASTER CYLINDER
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BOOM EXTENSION CYLINDER
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BOOM LIFT CYLINDER
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FUNCTION MANIFOLD
LEGEND
ADAPTER
HOSE ASSEMBLY
UNION

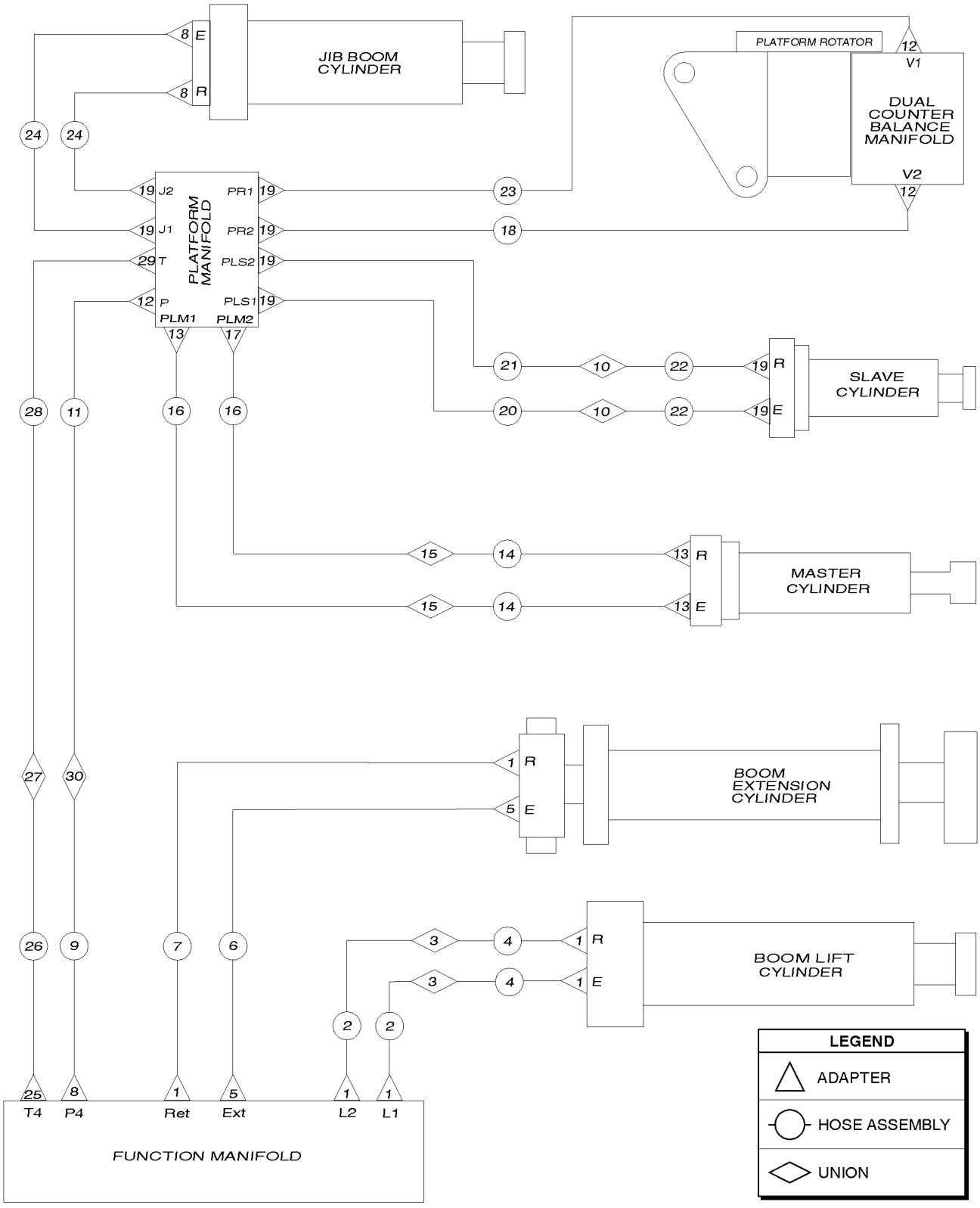
Item	Part No.	Description	Qty.
1	48933GT	CONN,520120-8***	6
2	49143-14429GT	HOSE ASSY,1/2,90 FEM,STR FEMM* Components: 48822, 48827 and 48756 @ 142 inches	2
3	48894GT	CONN,BULKHEAD,520601-8	2
4	49137-5041GT	HOSE ASSY,1/2,90L FEM,STR FEM Components: 48822, 48824 and 48756 @ 48 inches	2
5	48960GT	FITTING,CONN,520120-12***	2
6	102313-17526GT	HOSE ASSY,3/4,45 FEM,STR FEM Components: 48841, 48845 and 94358 @ 172 inches	1
7	49141-17463GT	HOSE ASSY,1/2,45 FEM,STR FEM Components: 48822, 48826 and 48756 @ 172 inches	1
8	48912GT	CONN,520120-4-6***	1
9	49117-50391GT	HOSE ASSY,1/4,90 FEM, STR FEM Components: 48800, 48802 and 48751 @ 502 inches; to SN 8861	1
9-	49119-51078GT	HOSE ASSY,1/4 STR FEM,STR FEM Components: 48800, 48800 and 48751 @ 509 inches; from SN 8862	
10	61079GT	ELBOW,90D,BULKHEAD,520701-4	2
11	49119-63778GT	HOSE ASSY,1/4,STR FEM,STR FEM Components: 48800, 48800 and 48751 @ 636 inches; to SN 8861	1
11-	49119-66978GT	HOSE ASSY,1/4 STR FEM,STR FEM Components: 48800, 48800 and 48751 @ 668 inches; from SN 8862	
12	48907GT	ELBOW,45D,520320-4	4
13	48904GT	ELBOW, 90D, 520220-4	3
14	49119-34078GT	HOSE ASSY,1/4,STR FEM,STR FEM* Components: 48800, 48800 and 48751 @ 339 inches	
15	61269GT	UNION,BULKHEAD,ORFS,520601,-4	
16	49119-66978GT	HOSE ASSY,1/4 STR FEM,STR FEM Components: 48800, 48800 and 48751 @ 668 inches	
17	61259GT	ELBOW,90D,LONG,521520-4	1
18	49116-2637GT	HOSE ASSY,1/4,45 FEM,STR FEM Components: 48800, 48801 and 48751 @ 24 inches	1
19	48905GT	CONNECTOR, 520120-4	6
20	49117-4691GT	HOSE ASSY,1/4,90 FEM,STR FEM Components: 48800, 48802 and 48751 @ 45 inches	1
21	121787-4691GT	HOSE ASSY,1/4,90L FEM,STR FEM Components: 48800, 121788 and 48751 @ 45 inches	1
22	49117-2791GT	HOSE ASSY,1/4",90 FEM,STR FEM	2
23	49116-2437GT	HOSE ASSY,1/4,45 FEM,STR FEM Components: 48800, 48801 and 48751 @ 22 inches	1
24	48916GT	CONN, 520120-6	1
25	49128-50409GT	HOSE ASSY,3/8,90 FEM,STR FEM Components: 48816, 48812 and 48753 @ 502 inches	1
26	61321GT	ELBOW,90D,BLKHD,ORFS-6-6 W/NUT	1


PLATFORM ROTATOR
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DUAL COUNTER BALANCE MANIFOLD
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PLATFORM MANIFOLD
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MASTER CYLINDER
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BOOM EXTENSION CYLINDER
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BOOM LIFT CYLINDER
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FUNCTION MANIFOLD
LEGEND
ADAPTER
HOSE ASSEMBLY
UNION

Item	Part No.	Description	Qty.
27	49130-63782GT	HOSE ASSY,3/8",STR FEM/STR FEM Components: 48812, 48812 and 48753 @ 636 inches	1
28	48920GT	ELBOW,45D,520320-6	1
29	61079GT	ELBOW,90D,BULKHEAD,520701-4	1
29-	61269GT	UNION,BULKHEAD,ORFS,520601,-4	

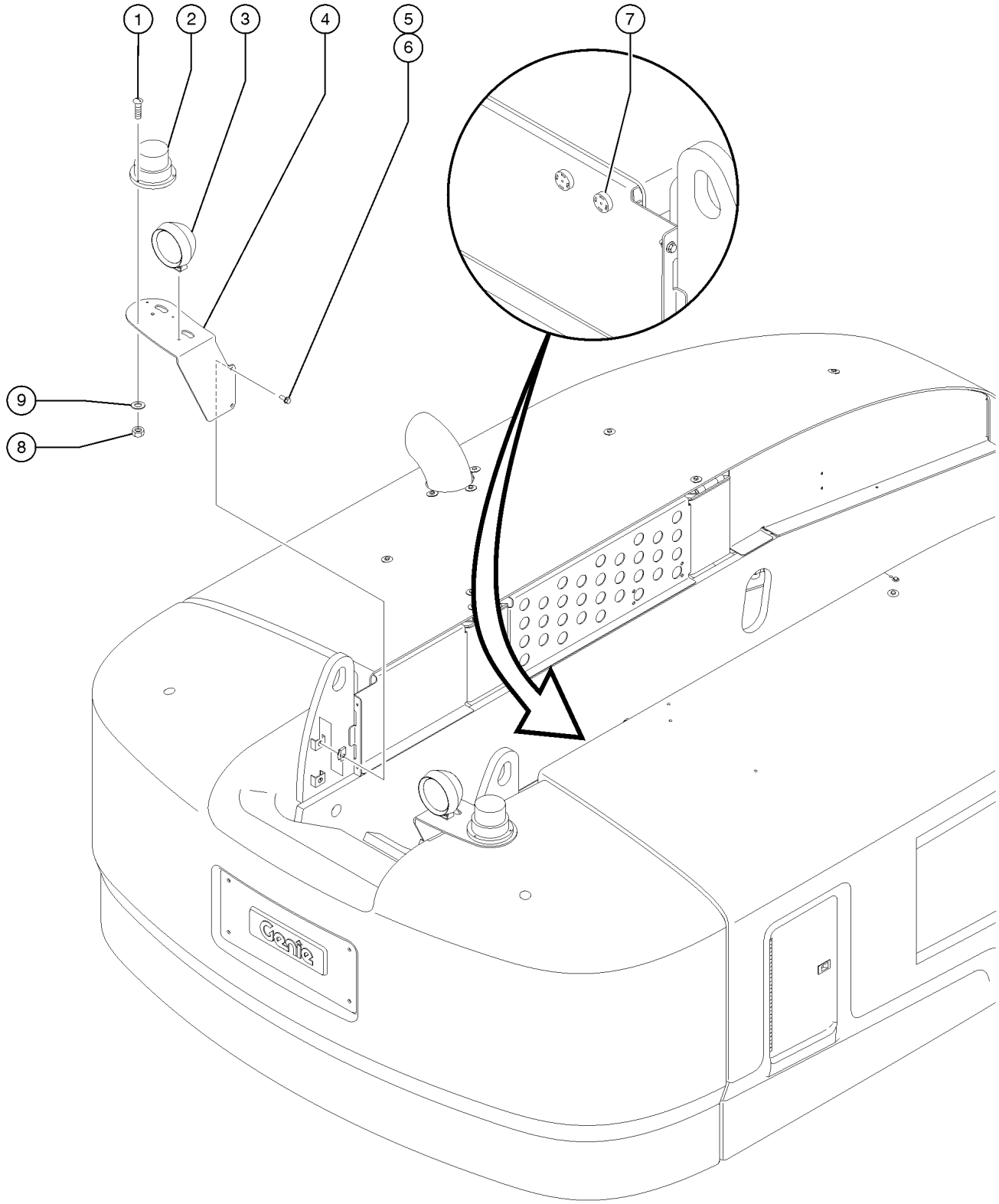

JIB BOOM CYLINDER
PLATFORM ROTATOR
DUAL COUNTER BALANCE MANIFOLD
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V2
PLATFORM MANIFOLD
J2
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P
PR1
PR2
PLS2
PLS1
PLM1
PLM2
SLAVE CYLINDER
MASTER CYLINDER
BOOM EXTENSION CYLINDER
BOOM LIFT CYLINDER
FUNCTION MANIFOLD
T4
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L2
L1
LEGEND
ADAPTER
HOSE ASSEMBLY
UNION

Item	Part No.	Description	Qty.
1	48933GT	CONN,520120-8***	6
2	49143-14429GT	HOSE ASSY,1/2,90 FEM,STR FEMM*	2
3	48894GT	CONN,BULKHEAD,520601-8	2
4	49137-5041GT	HOSE ASSY,1/2,90L FEM,STR FEM	2
5	48960GT	FITTING,CONN,520120-12***	2
6	102313-17526GT	HOSE ASSY,3/4,45 FEM,STR FEM	1
7	49141-17463GT	HOSE ASSY,1/2,45 FEM,STR FEM	1
8	48912GT	CONN,520120-4-6***	3
9	49119-51078GT	HOSE ASSY,1/4 STR FEM,STR FEM	
10	61079GT	ELBOW,90D,BULKHEAD,520701-4	3
11	49119-74578GT	HOSE ASSY,1/4 STR FEM,STR FEM	
12	48907GT	ELBOW,45D,520320-4	3
13	48904GT	ELBOW, 90D, 520220-4	3
14	49119-34078GT	HOSE ASSY,1/4.STR FEM,STR FEM*	
15	61269GT	UNION,BULKHEAD,ORFS,520601,-4	
16	49119-74578GT	HOSE ASSY,1/4 STR FEM,STR FEM	
17	61259GT	ELBOW,90D,LONG,521520-4	1
18	49116-2637GT	HOSE ASSY,1/4,45 FEM,STR FEM	1
19	48905GT	CONNECTOR, 520120-4	10
20	49117-13291GT	HOSE ASSY,1/4,90 FEM,STR FEM	1
21	121787-13291GT	HOSE ASSY,1/4,90L FEM,STR FEM	1
22	49117-2791GT	HOSE ASSY,1/4",90 FEM,STR FEM	2
23	49116-2437GT	HOSE ASSY,1/4,45 FEM,STR FEM	1
24	217055GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
25	48916GT	CONN, 520120-6	1
26	49128-50409GT	HOSE ASSY,3/8,90 FEM,STR FEM	1
27	61321GT	ELBOW,90D,BLKHD,ORFS-6-6 W/NUT	1
28	49130-70782GT	ASSY,HOSE,HYD,-4,3250,STR,STR	1


JIB BOOM CYLINDER
PLATFORM ROTATOR
DUAL COUNTER BALANCE MANIFOLD
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PLATFORM MANIFOLD
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PLM1
PLM2
SLAVE CYLINDER
MASTER CYLINDER
BOOM EXTENSION CYLINDER
BOOM LIFT CYLINDER
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HOSE ASSEMBLY
UNION

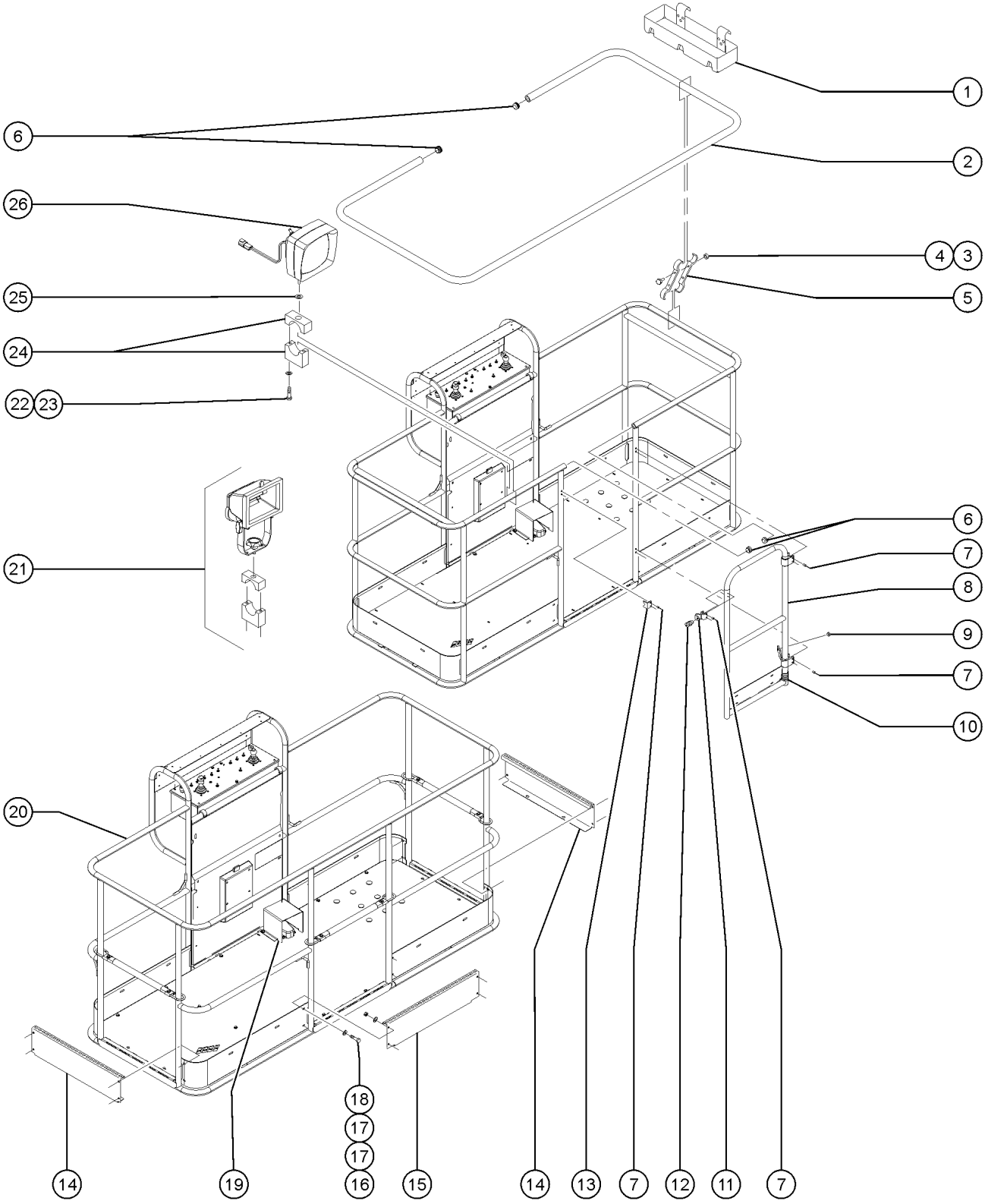
Item	*Part No.*	*Description*	*Qty.*
29	48920GT	ELBOW,45D,520320-6	1
30	61079GT	ELBOW,90D,BULKHEAD,520701-4	1
30-	61269GT	UNION,BULKHEAD,ORFS,520601,-4	

801.1 Alarm and Beacon Package, Driving Lights



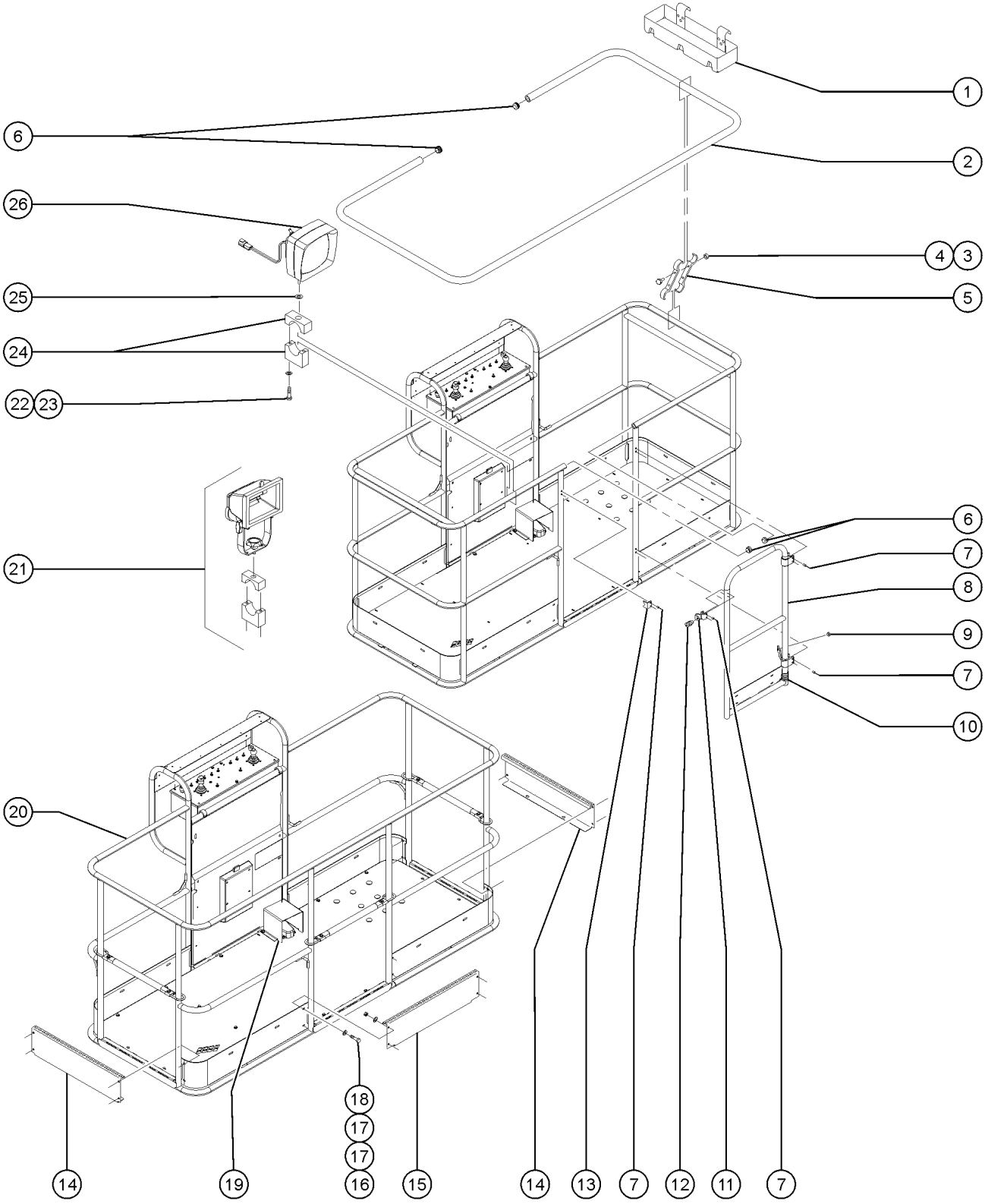
Item	Part No.	Description	Qty.
1	6147GT	SCREW,RHM,10-32 X 1	
2	56704GT	STROBE,FIREBOLT,12-80VDC,AMB** Replaced 20189	
2-	122019GT	FLASHTUBE,U SHAPED,360DEG,BULB	
2-	226393GT	FLASHTUBE,STRAIGHT,360DEG,BULB	
2-	72282GT	LENS,AMBER,STROBE,FIREBOLT	
2-	121489GT	HARNESS,BEACON,S80/85 2008	
3	107857GT	LIGHT, 12 VOLT replaces 34321GT, customers may need to buy a mounting bracket (35956GT) and other hardware for complete install	2
3-	35960GT	BULB,WORKLIGHT,12V 35W	
4	121589GT	FORMING,DRIVE LIGHT,RIGHT,S80	1
4-	121588GT	FORMING,DRIVELIGHT,LEFT,S80-85	
5	121066GT	SCREW,HHC,FLG,3/8-16 X 1 GR8	
6	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	4
7	18963GT	ALARM, INTERMITTENT TONE 6-30V* (travel alarm, for descent alarm refer to 312.1 or 313.1) Does not include 72326 nut	1
7-	72326GT	NUT - PLASTIC, RING FOR ALARMS	1
8	6178GT	NUT, NYLOCK, 10-32	
9	6146GT	WASHER,FLAT,MS,#10,Y	

802.1 Platform Options

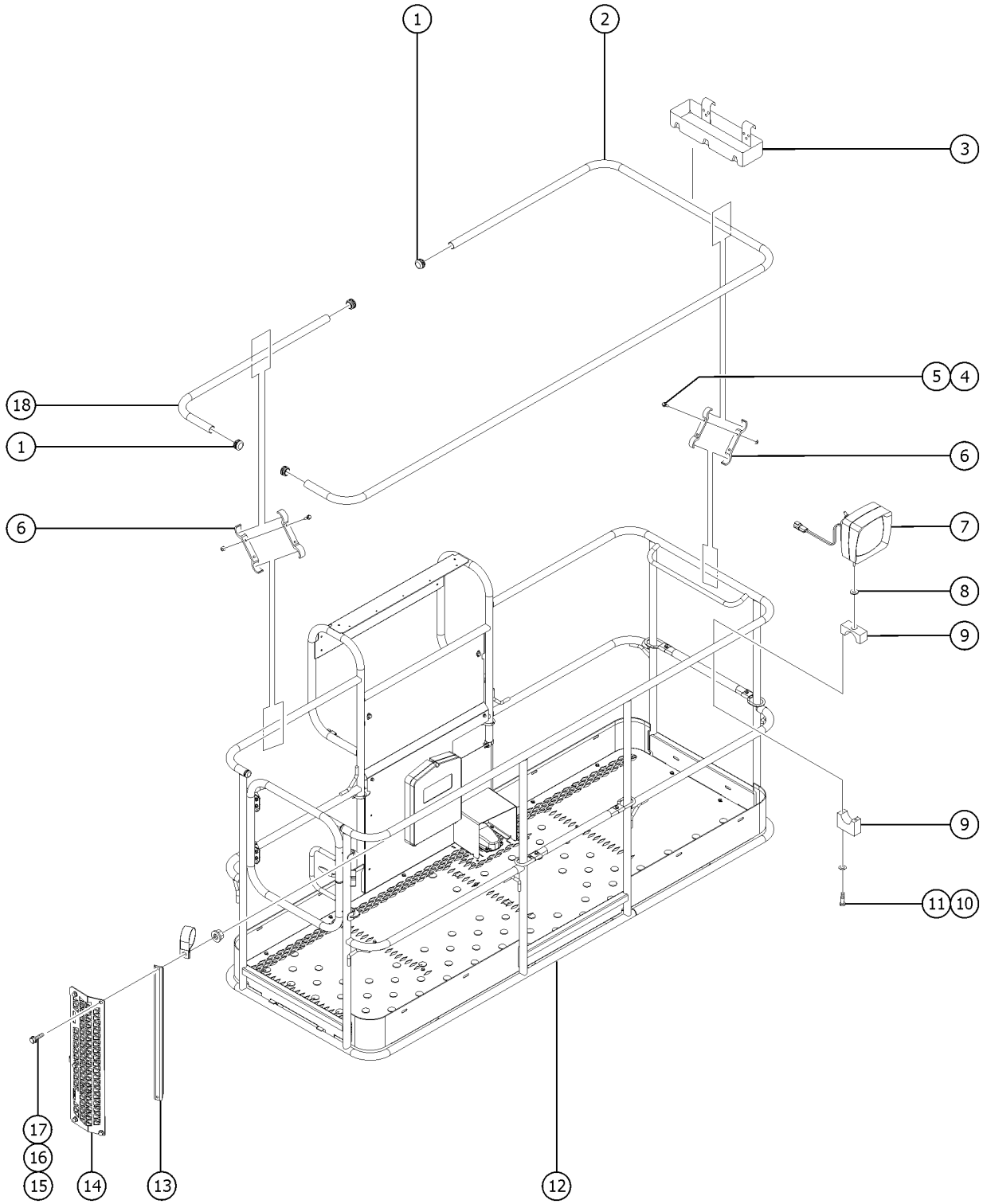


Item	Part No.	Description	Qty.
A-	53808-SGT	AUX TOP RAIL,6'(1.25")SERVICE	
B-	122278GT	AUX TOP RAIL,6',SWG GT, SRV	
C-	53807-SGT	AUX TOP RAIL,8'(1.25")SERVICE	
D-	122279GT	AUX TOP RAIL,8',SWG GT, SRV	
E-	111486PGT	AUX TOP RAIL,8FT,PTD For use with swing gate	2
F-	102721PGT	TOEBOARD,8'TRI ENTRY	
G-	122675GT	6' TRI-ENT ASSY W/DECALS ANSI (Complete) USA and Canadian models	
H-	122676GT	8' TRI-ENT ASSY W/DECALS ANSI (Complete) USA and Canadian models	
I-	122677GT	6' TRI-ENT ASSY W/DECALS AUSTR (Complete) Australian models	
J-	122678GT	8' TRI-ENT ASSY W/DECALS AUSTR (Complete) Australian models	
K-	102439GT	8' TRI-ENT ASSY W/DECALS CE (Complete) European models	
L-	102436GT	6' TRI-ENT ASSY W/DECALS A/SOA (Complete) Asia and South American models	
M-	102440GT	8' TRI-ENT ASSY W/DECALS A/SOA (Complete) Asia and South American models	
1	9599-SGT	TOOL TRAY ACCESSORY***	1
2	1259704GT	PINCH GUARD RAIL,6' PLATFORM includes 55753 bumpers	1
2-	52661GT	PINCH GUARD RAIL,8' PLATFORM**	
3	6889GT	NUT,LP NYLOCK,1/4-20	
4	122231GT	SCREW,BHSC,1/4-20 X 1	
5	122073GT	SUPPORT, RAILING	20
6	55753GT	BUMPER, PLASTIC, 1.25 O.D.	4
7	7265GT	RIVET,STEEL,P, .25 X .375	14
8	128368GT	KIT,SWING GATE W/SPRING	1
8	1290135GT	KIT,HALF FRONT,SWING GATE	
8A-	1488GT	RAILING CATCH CASTING--DRILLED	
8A-	1487GT	GATE LATCH CASTING--DRILLED	
8A-	33674GT	PIN,LOCK,SHORT***	
8A-	9596GT	HINGE CASTING Special welding requirements for installation of this component. Strongly suggest ordering 128368 OR contact Genie Service for welding requirements.	
9	43392GT	BUMPER,BATTERY BOX & RAILS	1

802.1 Platform Options

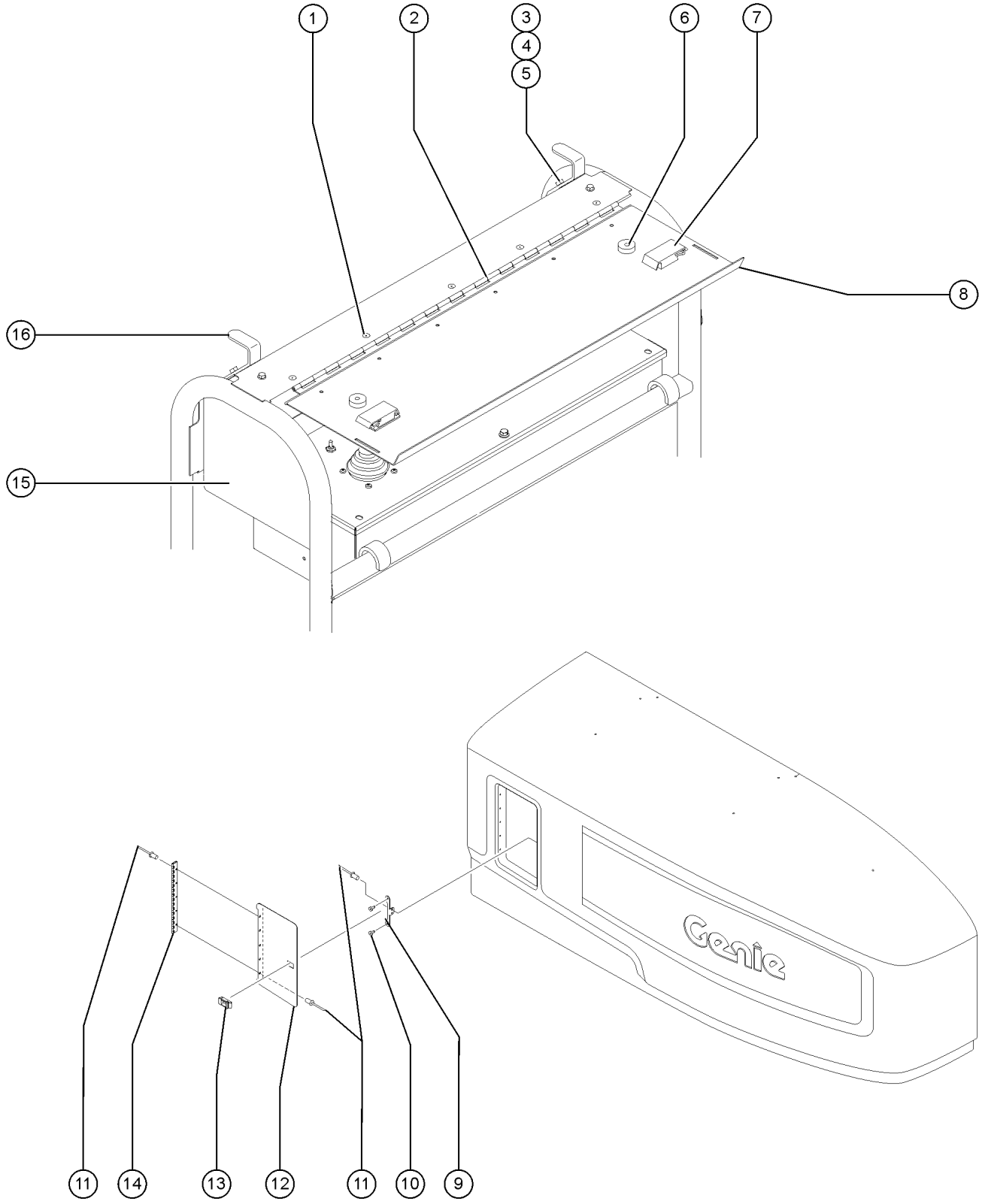


Item	Part No.	Description	Qty.
10	42104GT	SPRING,SHORT PLATFORM GATE	
11	1487GT	GATE LATCH CASTING--DRILLED	1
12	33674GT	PIN,LOCK,SHORT***	1
13	1488GT	RAILING CATCH CASTING--DRILLED	1
14	102721PGT	TOEBOARD,8'TRI ENTRY	2
15	94745PGT	TOEBOARD,ENTRY EUROPEAN PNTD**	1
16	6090GT	SCREW, HHC, 1/4-20 X .75	
17	6638GT	WASHER, FLAT, USS, 1/4"Y	
18	6091GT	NUT, NYLOCK, 1/4-20	
19	128429GT	LARGE FOOT SWITCH COVER	
20	111319GT	6' TRI-ENT RAIL W/DECALS ANSI USA and Canadian models	
20A-	111320GT	8' TRI-ENT RAIL W/DECALS ANSI USA and Canadian models	
20B-	107707GT	6' TRI-ENT RAIL W/DECALS AUSTR Australian models	1
20C-	107708GT	8' TRI-ENT RAIL W/DECALS AUSTR Australian models	
20D-	107706GT	8' TRI-ENT RAIL W/DECALS CE/UK European models	1
20E-	107709GT	6' TRI-ENT RAIL W/DECALS A/SOA Asia and South American models	1
20F-	107710GT	8' TRI-ENT RAIL W/DECALS A/SOA Asia and South American models	
21	1284764GT	WORKLIGHT,110V,250WATT,HALOGEN	
21-	75519GT	CLAMP,WORKLIGHT	
22	6145GT	SCREW, HHC, 1/4-20 X 1.5	
23	6356GT	WASHER, LOCK, .25	
24	35956GT	WORK LIGHT MOUNTING BRACKET	2
25	5397GT	WASHER, FLAT, USS, 5/16-18	
26	71498GT	WORKLIGHT, 12V, DEUTSCH RECEPT	2


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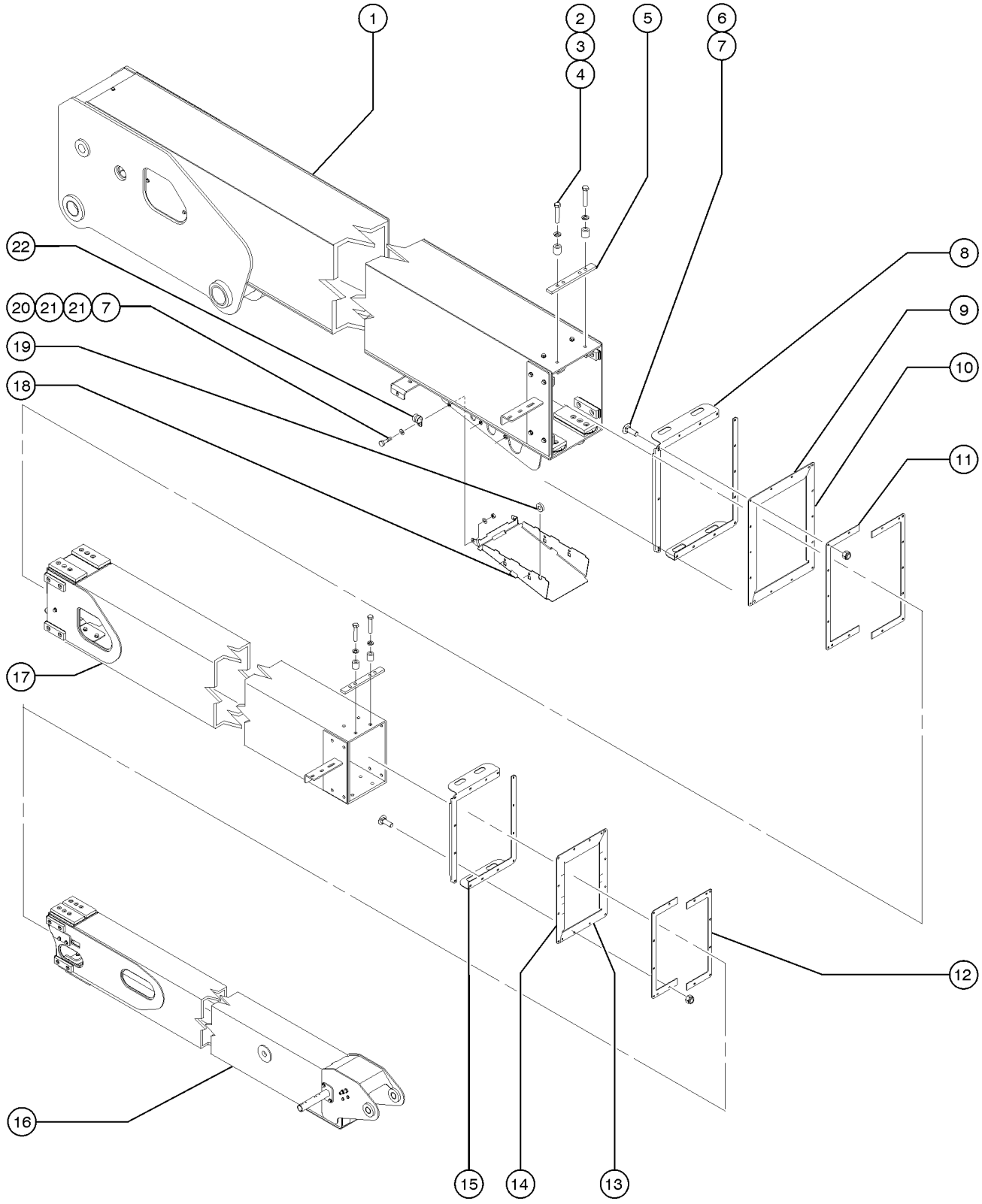
Item	Part No.	Description	Qty.
A	1291495GT	KIT, AUX RAIL, 6' PLAT, SIDE GATE (6 foot platform)	
B	1291496GT	KIT, AUX RAIL, 8' PLAT, SIDE GATE (8 foot platform)	
1	55753GT	BUMPER, PLASTIC, 1.25 O.D.	4
2A	1271077GT	AUX RAIL, 8' PLAT, TRI-ENTRY (8 foot Platform)	1
2B	1270570GT	AUX RAIL, 6' PLAT, SIDE ENTRY (6 foot Platform)	1
3	9599-SGT	TOOL TRAY ACCESSORY***	1
4A	824079GT	SCREW,HHF,1/4-20X1,8,ZAG (8 foot Platform)	26
4B	824079GT	SCREW,HHF,1/4-20X1,8,ZAG (6 foot Platform)	22
5A	824027GT	NUT, TL FLG, 1/4-20, G, ZAG (8 foot Platform)	26
5B	824027GT	NUT, TL FLG, 1/4-20, G, ZAG (6 foot Platform)	22
6A	122073GT	SUPPORT, RAILING (8 foot Platform)	26
6B	122073GT	SUPPORT, RAILING (6 foot Platform)	22
7	71498GT	WORKLIGHT, 12V, DEUTSCH RECEPT	2
8	5397GT	WASHER, FLAT, USS, 5/16-18	2
9	35956GT	WORK LIGHT MOUNTING BRACKET	2
10	6145GT	SCREW, HHC, 1/4-20 X 1.5	4
11	6356GT	WASHER, LOCK, .25	4
12		Ref.WELDMENT, PLATFORM (refer to 601.2)	1
13	1277966GT	TUBE,SQUARE, 1" X 1" X .125	1
14	1277952GT	GUARD, SWING GATE	1
15	824086GT	SCREW,HHF,5/16-18X1,8,ZAG	5
16	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	5
17	824028GT	NUT, TL FLG, 5/16-18, G, ZAG	5
18A	1271078GT	AUX RAIL, 8' PLAT, TRI-ENTRY (8 foot Platform)	1
18B	1270571GT	AUX RAIL, 6' PLAT, SIDE ENTRY (6 foot Platform)	1

803.1 Hostile Environment Package - Ground and Platform Control Box Covers



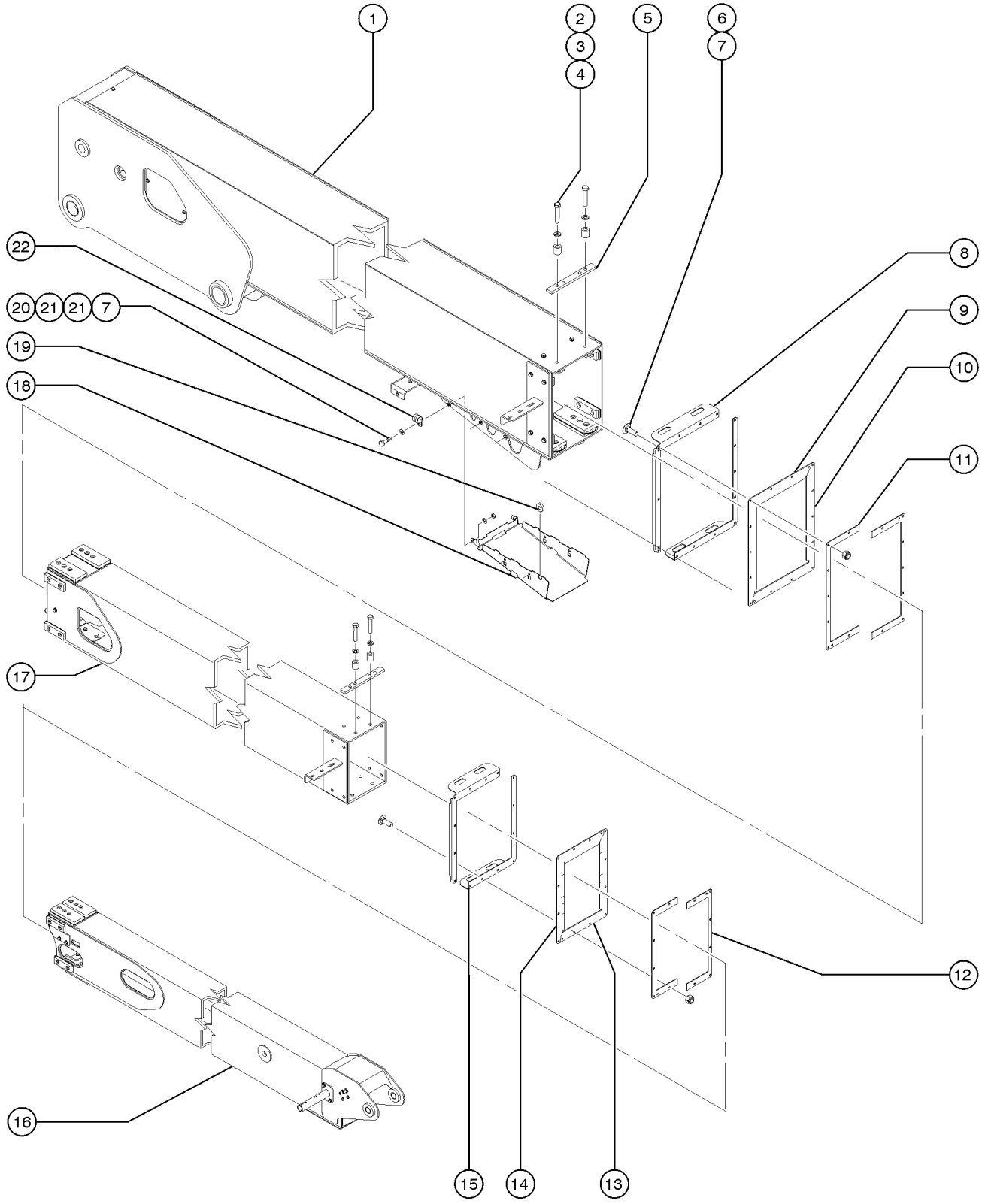
Item	*Part No.*	*Description*	*Qty.*
1	54486GT	RIVET,ALUM,ALUM,3/16BUTTONHEAD	11
2	111526GT	HINGE,PLAT CONTROL BOX COVER	1
3	6889GT	NUT,LP NYLOCK,1/4-20	
4	6638GT	WASHER, FLAT, USS, 1/4"Y	
5	6888GT	SCREW, HHC, 1/4-20 X 1	
6	43392GT	BUMPER,BATTERY BOX & RAILS	2
7	30468GT	LATCH,SLIDE, FLUSH MOUNT STYLE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

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



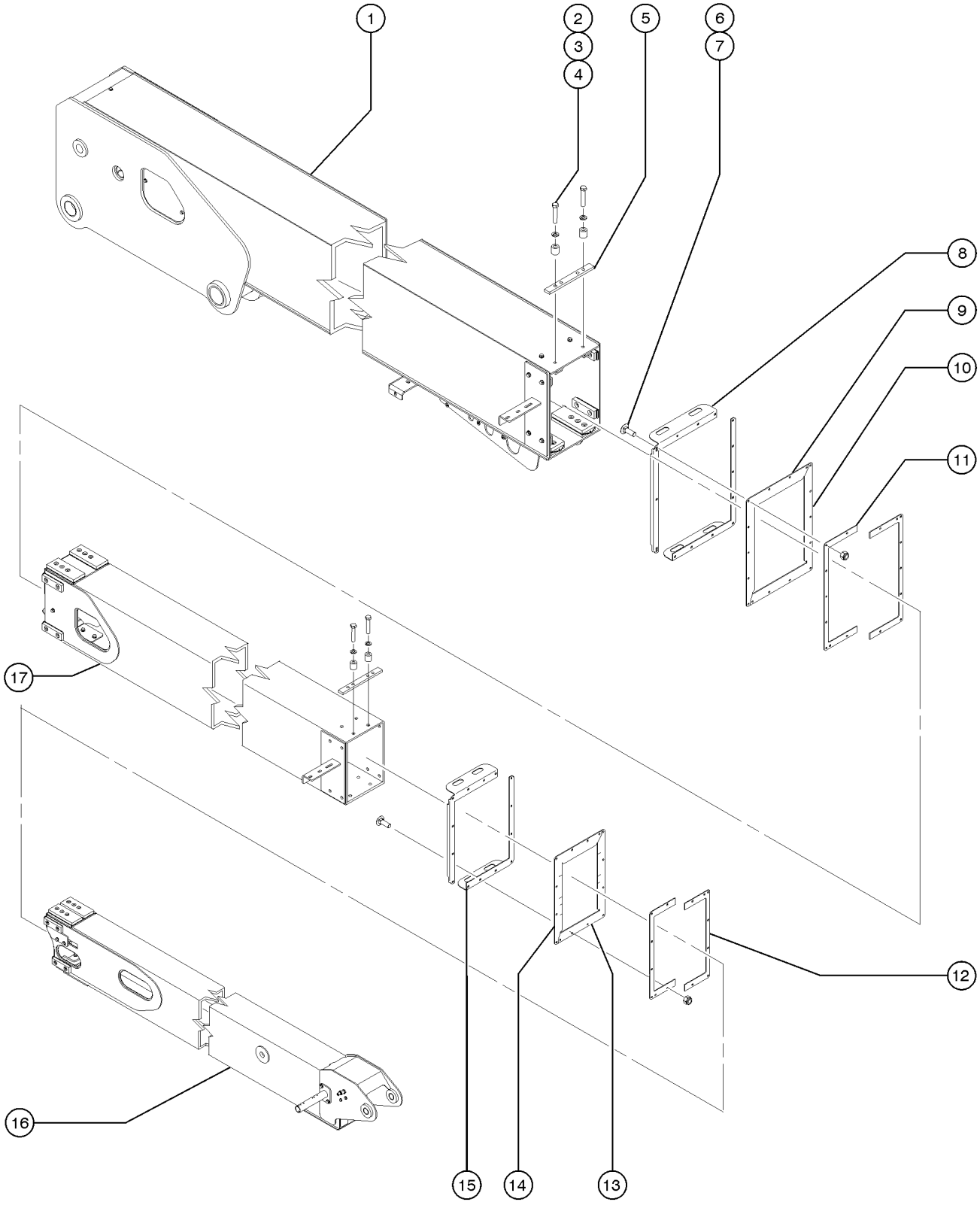
Item	Part No.	Description	Qty.
1		Ref. BOOM TUBE 1 (Refer to 502.1)	
2	5224GT	SCREW,HHC,3/8-16 X 2	
3	6021GT	WASHER, LOCK, .375	
4	101932GT	TUBE, RD., STL., DOM .75 X .437 X .78	8
5	121173GT	SPACER,BOOM WIPER TOP	2
6	6878GT	BOLT,CARRIAGE,1/4-20 X .75,G2	
7	6091GT	NUT, NYLOCK, 1/4-20	
8	121166GT	FORMING,BRKT,WIPER,BOOM #1	2
9	121659GT	WIPER,RUBBER,S80,SEC #1,TOP	1
10	121660GT	WIPER,RUBBER,S80,SEC #1,BOTTOM	1
11	121167GT	PLATE,WIPER BACKING,BOOM #1	2
12	121170GT	PLATE,BACKING WIPER 2 TO 3	2
13	121662GT	WIPER,RUBBER,S80,SEC #2,BOT	1
14	121661GT	WIPER,RUBBER,S80,SEC#2,TOP	1
15	121169GT	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	147784GT	COVER, LIMIT SWITCH ASSY, S80 For S-80X ANSI only, from SN 8500	1
19	42646GT	GROMMET,RUBBER .25 X .50"OD For S-80X ANSI only, from SN 8500	1
20	6888GT	SCREW, HHC, 1/4-20 X 1 For S-80X ANSI only, from SN 8500	
21	6638GT	WASHER, FLAT, USS, 1/4"Y For S-80X ANSI only, from SN 8500	
22	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH For S-80X ANSI only, from SN 8500	3

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



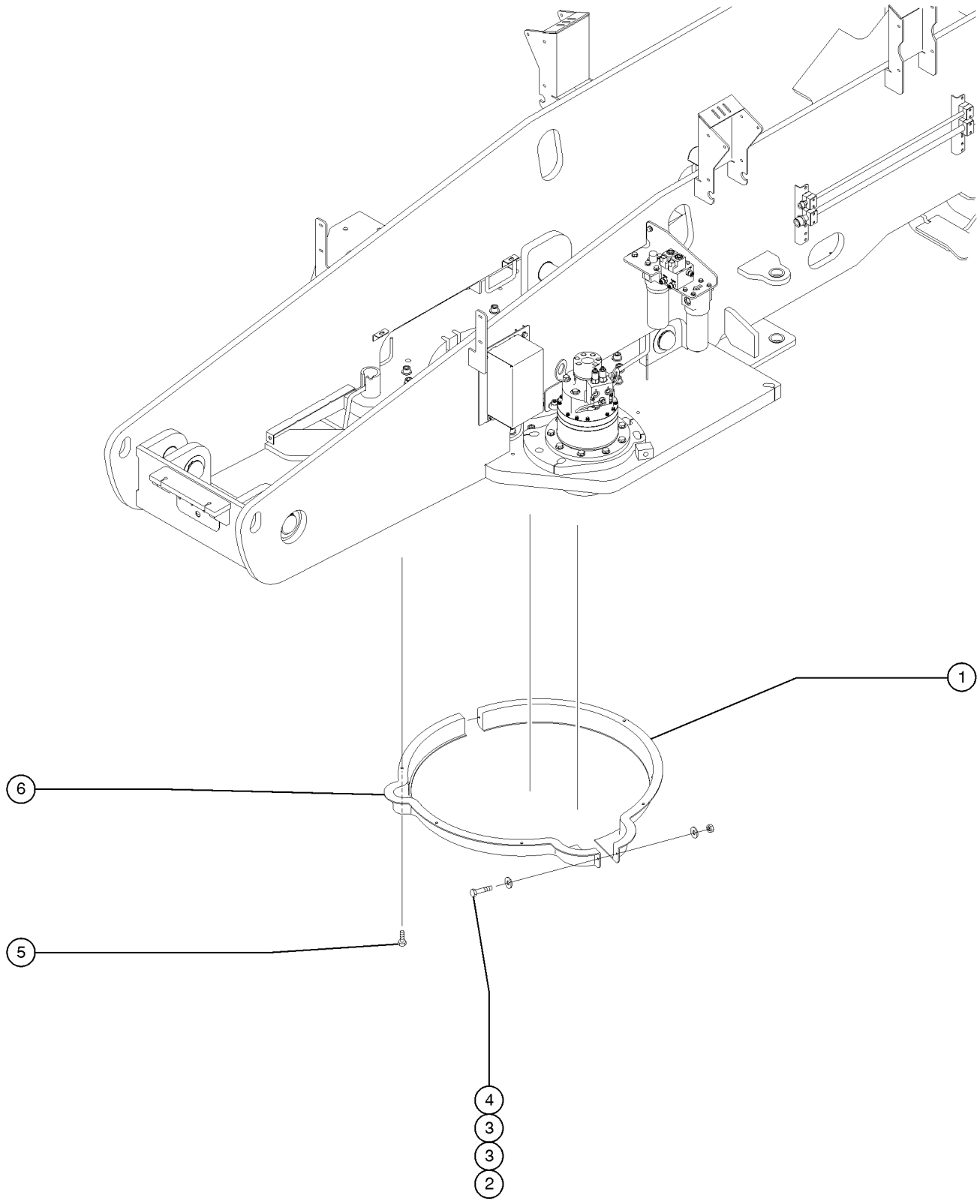
Item	Part No.	Description	Qty.
1		Ref. BOOM TUBE 1 (Refer to 502.1)	
2	5224GT	SCREW,HHC,3/8-16 X 2	
3	6021GT	WASHER, LOCK, .375	
4	101932GT	TUBE, RD., STL., DOM .75 X .437 X .78	8
5	121173GT	SPACER,BOOM WIPER TOP	2
6	6878GT	BOLT,CARRIAGE,1/4-20 X .75,G2	
7	6091GT	NUT, NYLOCK, 1/4-20	
8	121166GT	FORMING,BRKT,WIPER,BOOM #1	2
9	121659GT	WIPER,RUBBER,S80,SEC #1,TOP	1
10	121660GT	WIPER,RUBBER,S80,SEC #1,BOTTOM	1
11	121167GT	PLATE,WIPER BACKING,BOOM #1	2
12	121170GT	PLATE,BACKING WIPER 2 TO 3	2
13	121662GT	WIPER,RUBBER,S80,SEC #2,BOT	1
14	121661GT	WIPER,RUBBER,S80,SEC#2,TOP	1
15	121169GT	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	147784GT	COVER, LIMIT SWITCH ASSY, S80 For S-80X ANSI only	1
19	42646GT	GROMMET,RUBBER .25 X .50"OD For S-80X ANSI only	1
20	6888GT	SCREW, HHC, 1/4-20 X 1 For S-80X ANSI only	
21	6638GT	WASHER, FLAT, USS, 1/4"Y For S-80X ANSI only	
22	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH For S-80X ANSI only	3

804.3 Hostile Environment Package - Booms, S-85



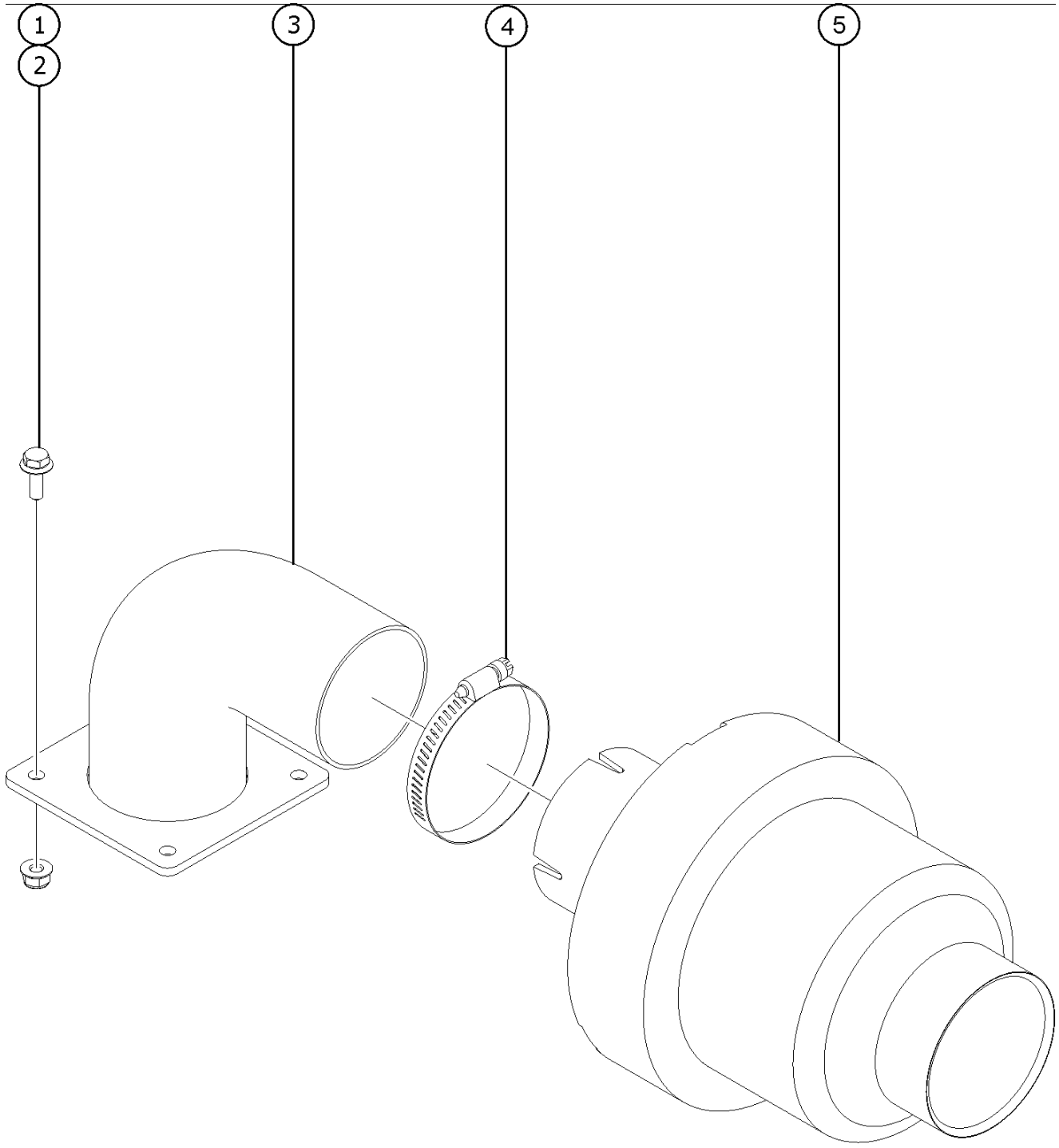
Item	*Part No.*	*Description*	*Qty.*
1		Ref. BOOM TUBE 1 (Refer to 502.1)	
2	5224GT	SCREW,HHC,3/8-16 X 2	
3	6021GT	WASHER, LOCK, .375	
4	101932GT	TUBE, RD., STL., DOM .75 X .437 X .78	8
5	121173GT	SPACER,BOOM WIPER TOP	2
6	6878GT	BOLT,CARRIAGE,1/4-20 X .75,G2	
7	6091GT	NUT, NYLOCK, 1/4-20	
8	121166GT	FORMING,BRKT,WIPER,BOOM #1	2
9	121659GT	WIPER,RUBBER,S80,SEC #1,TOP	1
10	121660GT	WIPER,RUBBER,S80,SEC #1,BOTTOM	1
11	121167GT	PLATE,WIPER BACKING,BOOM #1	2
12	121170GT	PLATE,BACKING WIPER 2 TO 3	2
13	121662GT	WIPER,RUBBER,S80,SEC #2,BOT	1
14	121661GT	WIPER,RUBBER,S80,SEC#2,TOP	1
15	121169GT	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



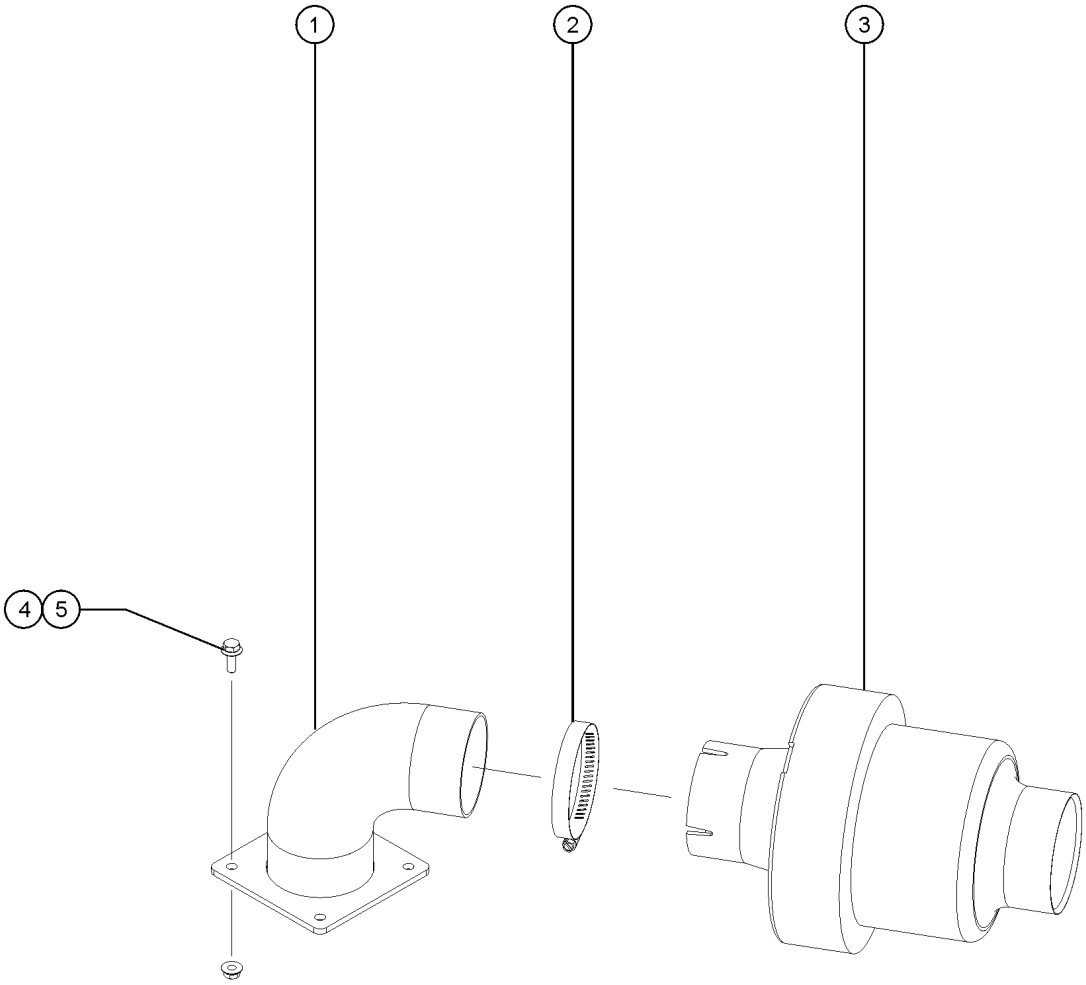
Item	*Part No.*	*Description*	*Qty.*
1	121316GT	COVER,RING GEAR,FRONT	1
2	6090GT	SCREW, HHC, 1/4-20 X .75	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	6091GT	NUT, NYLOCK, 1/4-20	
5	121066GT	SCREW,HHC,FLG,3/8-16 X 1 GR8	6
6	121317GT	COVER,RING GEAR,REAR	1

806.1 Hostile Environment Package - Engine Air Cleaners



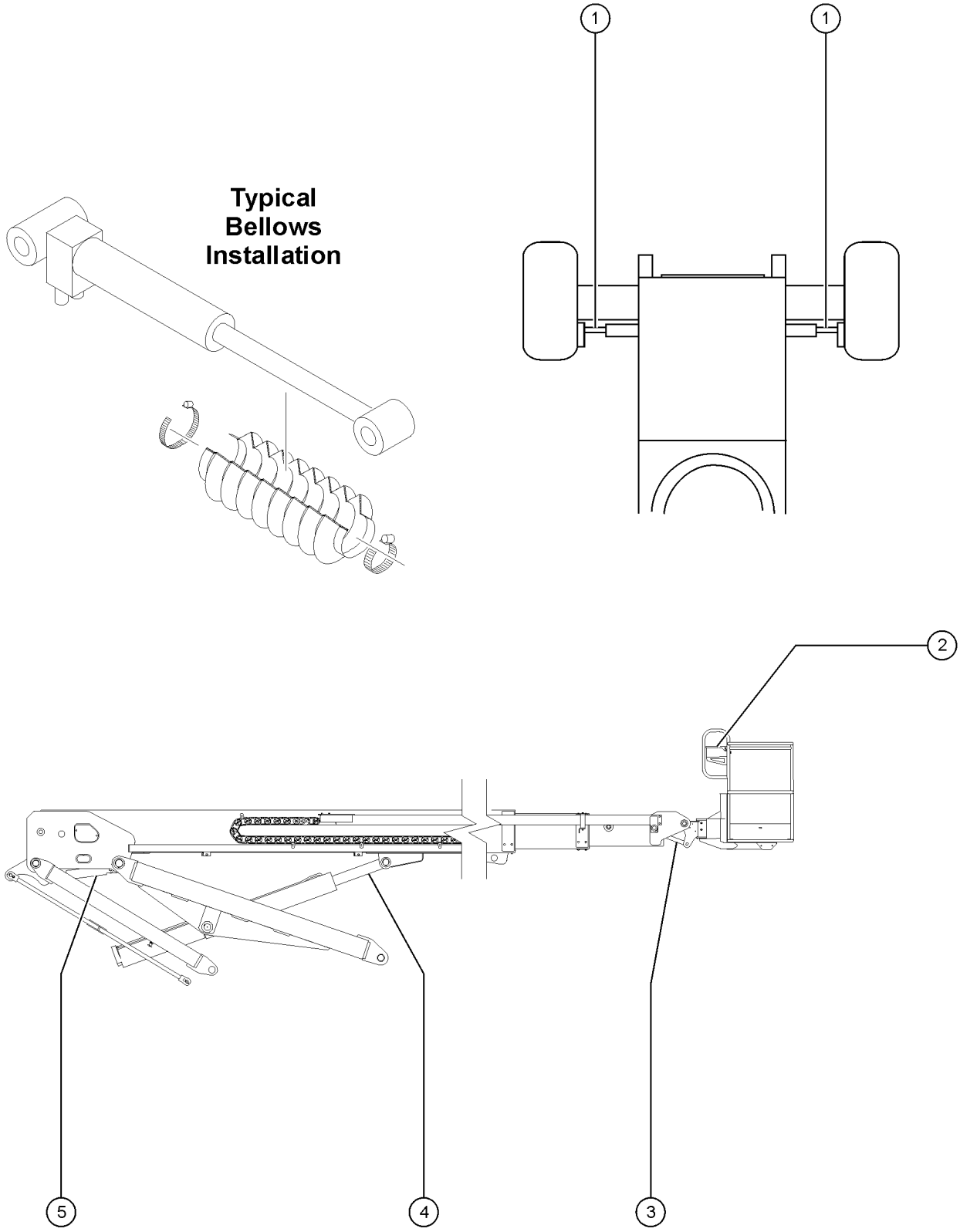
Item	*Part No.*	*Description*	*Qty.*
4	30971GT	CLAMP,HOSE,3.00"	3
5	89959GT	PRECLEANER,INLINE 3"	1
1	121419GT	SCREW,HHF,1/4-20 X .75	
2	121421GT	NUT,FLG,1/4-20	
3	121413GT	WELDMENT,PRECLEANER MT,DEUTZ	1

806.2 Engine Air Cleaners (Deutz TD 2.9L4)



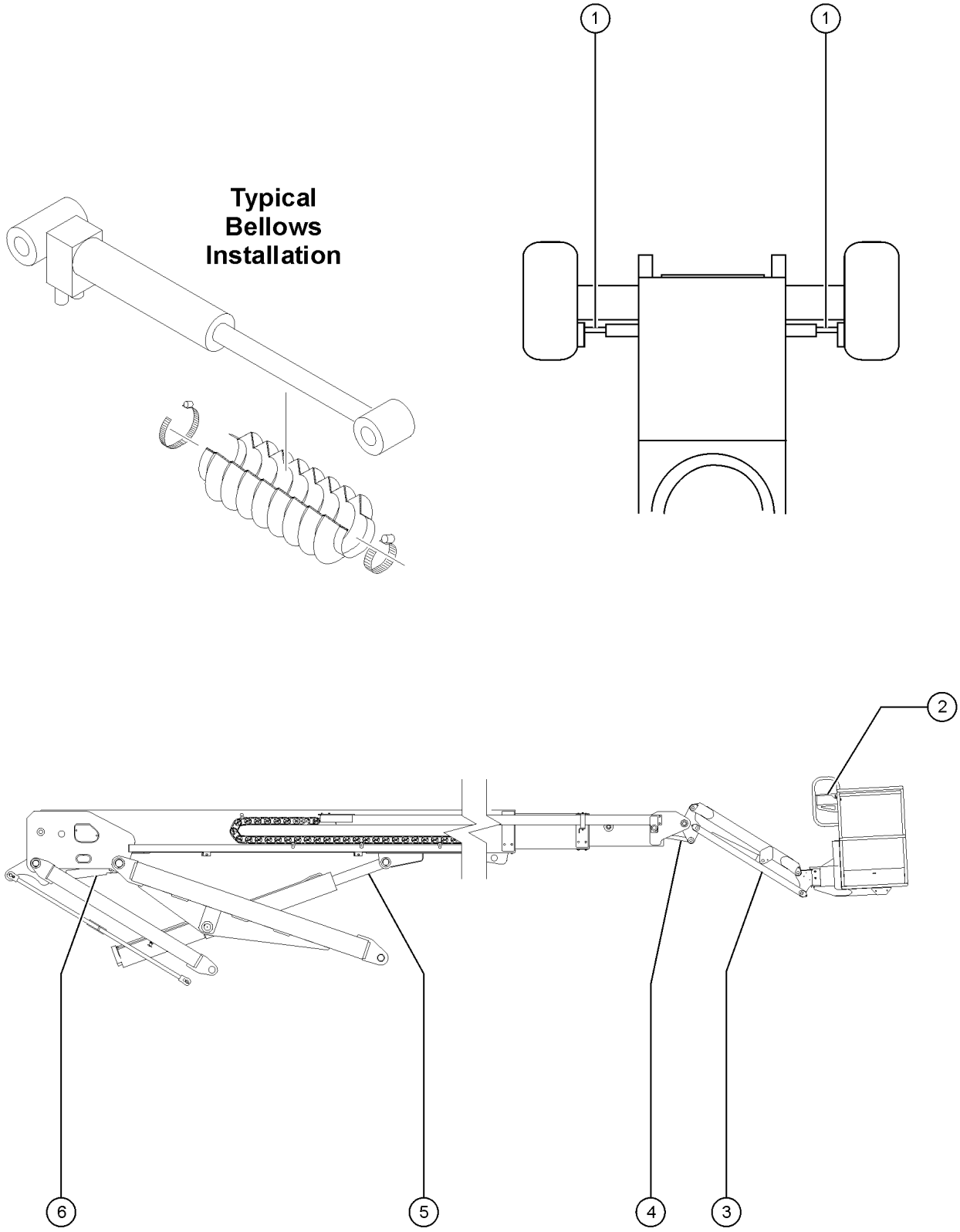
Item	*Part No.*	*Description*	*Qty.*
1	825948GT	WELDMENT, PRECLEANER MT, DEUTZ/PERKINS	1
2	30971GT	CLAMP,HOSE,3.00"	1
3	89959GT	PRECLEANER,INLINE 3"	1
4	121419GT	SCREW,HHF,1/4-20 X .75	
5	121421GT	NUT,FLG,1/4-20	

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



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

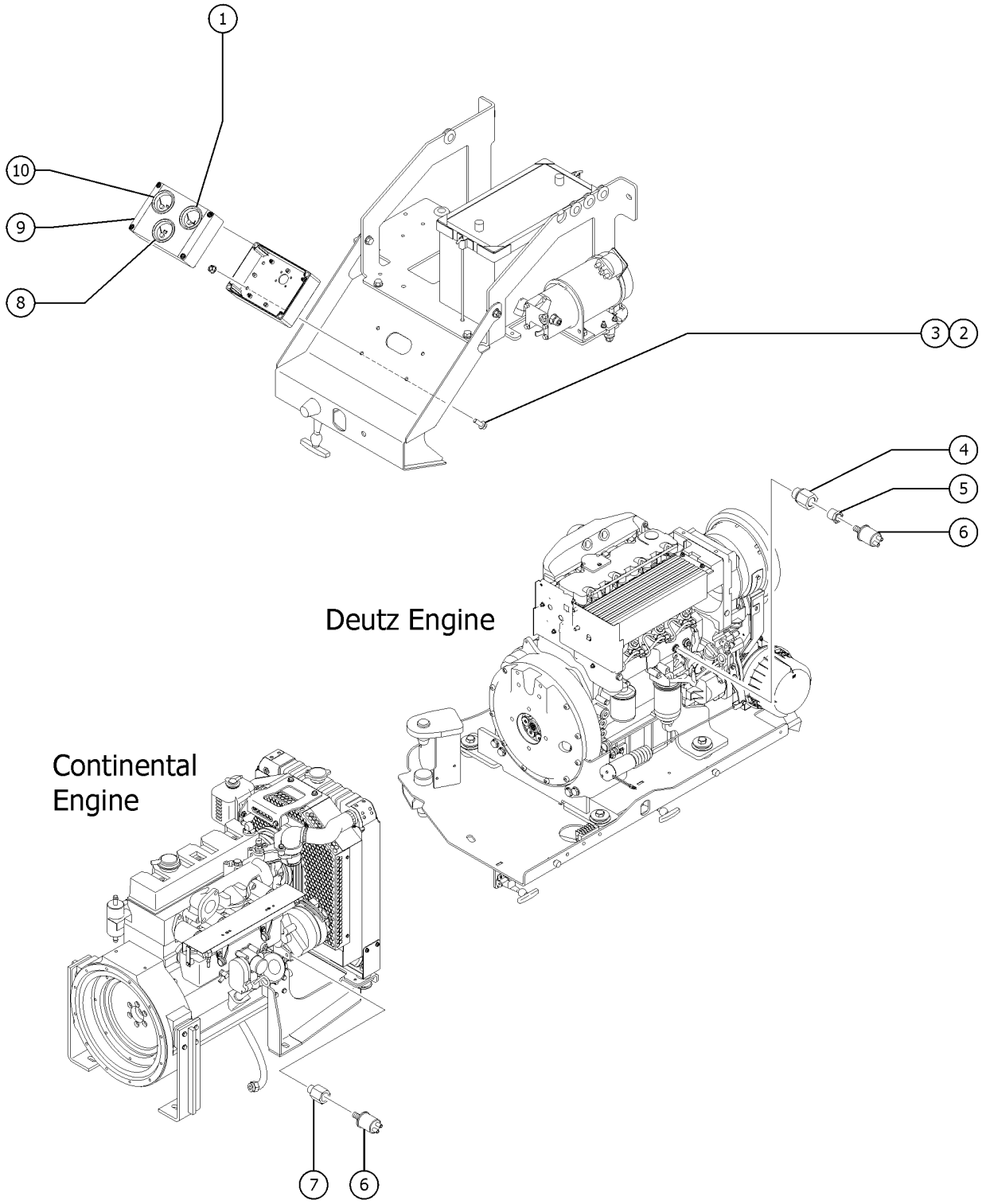
808.1 Hostile Environment Package - Cylinder Bellows, S-85



808.1 Hostile Environment Package - Cylinder Bellows, S-85

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

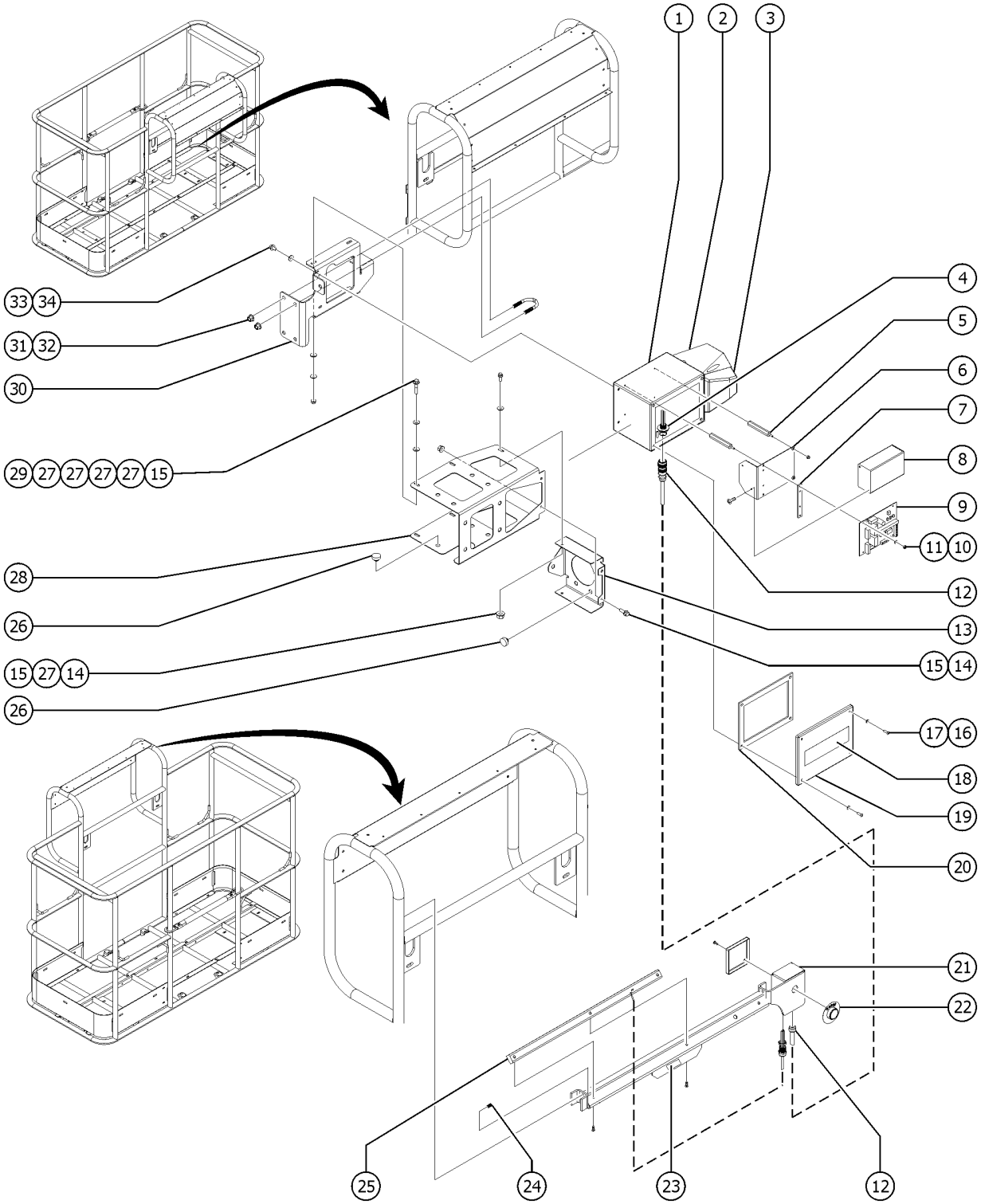
809.1 Full Gauge Option - Deutz



809.1 Full Gauge Option - Deutz

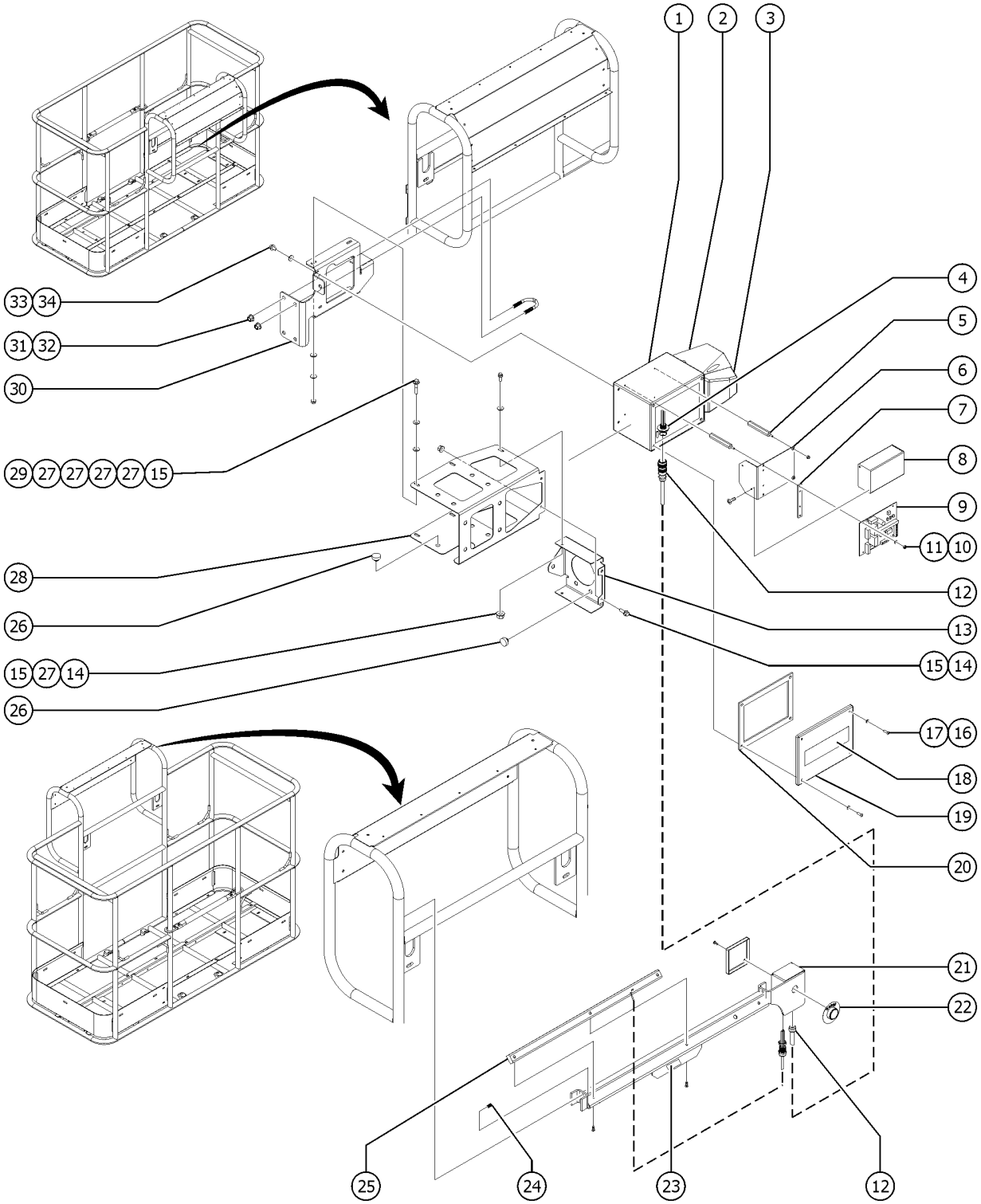
Item	*Part No.*	*Description*	*Qty.*
A-		OPT,FULL GAUGE, S80 DEUTZ no longer available	
B-	121508GT	OPT,FULL GAUGE,S80 DUAL FUEL	
C-		Ref. HARNESS,GAUGE OPT. S80/85 (Refer to 312.1 or 313.1)	
1A	53759-SGT	GAUGE,WATER TEMP (LPG models)	1
1B	53760-SGT	GAUGE,OIL TEMP (Deutz models)	
2	824059GT	SCREW, HHC, 1/4-20 X .75, 8, ZAG	4
3	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	4
4	106034GT	ADAPTER,M18	1
5	106033GT	ADAPTER,NPT 6-4	1
6	30810GT	SENDING UNIT,OIL PRESSURE*** Dual-terminal sender	3
7	28607GT	ADAPTER,140139-8-6	2
8	53761-SGT	GAUGE,VOLTAGE	1
9A	121490GT	ASSY,GAUGE OPT.WATER COOLED (LPG models)	1
9B	121482GT	ASSY,GAUGE OPT. OIL COOLED (Deutz models)	
9C	121491GT	ENCLOSURE BOX, GAUGE OPT.	
10	53758-SGT	GAUGE,OIL PRESSURE W/O SENDER	1

810.1 Operators Protection Alarm (to January 2017)



Item	Part No.	Description	Qty.
B	1275537GT	ASSEMBLY, OPA PROTECTION CAGE	1
1	1255018GT	BASE ENCLOSURE,RED,OPA	1
2		SOUNDER,MIDI,OPA No longer available	1
3A		SOUNDER LENS, OPA, BLUE (standard lens fitted to OPA)No longer available (contact customer service)	1
3B		SOUNDER LENS, OPA, RED No longer available (contact customer service)	1
4		HARN,PIGTAIL,TAPESWITCH,OPA No longer available (contact customer service)	1
5		STAND OFF,CONTROL UNIT No longer available (contact customer service)	4
6		BRACKET,CONTROL UNIT No longer available (contact customer service)	1
7		SPACER,HEAT SINK No longer available (contact customer service)	1
8		ASSY,MODULE,CONTROL UNIT,OPA No longer available (contact customer service)	1
9		MODULE,CONTROL UNIT,PCB,OPA No longer available (contact customer service)	1
10		NUT,M4 NYLOCK No longer available	4
11		WASHER,M4 NYLON No longer available	4
12		ASSEMBLY,CABLE,TAPESWITCH No longer available (contact customer service)	1
13	1275539GT	FORMING, OPA CAP	1
14	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	5
15	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	9
16		SCREW,M5X16 BHD No longer available	4
17	1255027GT	WASHER,M5 NYLON	4
18	1255890GT	DECAL,COSMETIC,GENIE	1
19		LID ENCLOSURE,RED,OPA No longer available	1
20		GASKET,ENCLOSURE No longer available	1
21		ASSEMBLY,TAPESWITCH (6'/8' platforms) (includes j-box and fasteners)No longer available (contact customer service)	1
22	1255036GT	ASSEMBLY RESET SWITCH	1
23	1255889GT	DECAL,SYMBOL-READ THE MANUAL	1
24		SCREW,M6X8 No longer available	2
25		SENSOR,RUBBER EDGE (6'/8' platforms)No longer available (contact customer service)	1
26	43392GT	BUMPER,BATTERY BOX & RAILS	17

810.1 Operators Protection Alarm (to January 2017)



Item	*Part No.*	*Description*	*Qty.*
27	824113GT	WASHER,FLAT,USS,1/4,ZAG	19
28	1275538GT	FORMING, OPA CAGE	1
29	824080GT	SCREW, HHF, 1/4-20 X 1.25, 8, ZAG	4
30	1275540GT	FORMING, OPA, BRACKET	1
30-	1271945GT	KIT, OPA WELDER BRACKET Complete assembly bracket with fasteners and U-Bolt 1251600; from SN 13485	
31	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	4
32	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	2
33	237238GT	SCREW,HHF,M6-1.0X12,DIN6921,10	2
34	1257389GT	WASHER, FLAT, M6X18X1.6,DIN9021,ZAB	2

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California Proposition 65

WARNING

Operating, servicing and maintaining this equipment, passenger vehicle or off-highway motor vehicle can expose you to chemicals including engine exhaust, carbon monoxide, phthalates, and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. These chemicals can be emitted from or contained in other various parts and systems, fluids and some component wear by-products. To minimize exposure, avoid breathing exhaust, do not idle the engine except as necessary, service your equipment and vehicle in a well-ventilated area and wear gloves or wash your hands frequently when servicing your equipment or vehicle and after operation. For more information go to www.P65Warnings.ca.gov/passenger-vehicle.

Breathing diesel engine exhaust exposes you to chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

- Always start and operate the engine in a well-ventilated area.
- If in an enclosed area, vent the exhaust to the outside.
- Do not modify or tamper with the exhaust system.
- Do not idle the engine except as necessary.

For more information go to www.P65warnings.ca.gov/diesel.

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