Genie®
A TEREX BRAND

Parts Manual

Serial Number Range

Z-135/70

From SN100 to 2000

Part No. 106877GT
Rev: H.04
July 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.

Contact Us:

Internet: www.genielift.com
e-mail: awp.techpub@terex.com

Find a Manual for this Model

Go to http://www.genielift.com

Use the links to locate Operator's, Parts, Maintenance, and Service and Repair Manuals.

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106877GT Rev H.04 July 2024
First Edition, Eighth Printing

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A TEREX BRAND

Model: Z-135/70
Serial number: Z13505-12345
Model year: 2005 **Manufacture date:** 04/12/05
Electrical schematic number: ES0366
Machine unladen weight:

Rated work load (including occupants): 600 lb / 273 kg
Maximum number of platfrm occupants: 2
Maximum allowable side force : 150 lb / 670 N
Maximum allowable inclination of the chassis:
0 deg
Maximum wind speed : 28 mph/ 12.5 m/s
Maximum platform height : 135 ft/ 41.15 m
Maximum platform reach : 69 ft 9 in/ 21.26 m
Gradeability: 45%
Country of manufacture: USA
This machine complies with:
ANSI A92.5
CAN B.354.4

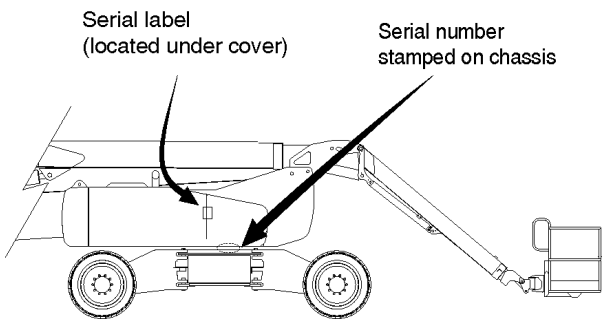
Terex South Dakota, Inc.
18340 NE 76th Street
Redmond, WA 98052
USA

Z135 05 - 12345

Model

Year of manufacture

Sequence number



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

North America

Telephone (425)881-1800

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

Fax (425)556-8659

Toll Free fax (888)274-6192

Email AWP.PartsSalesPO@terex.com

http://genielift.com/en

EMEAR (Europe, Middle East, Africa and Russia)

Telephone (31)(165)519 313

Fax (31)(165)511 148

http://genielift.co.uk

Asia Pacific (Genie Singapore)

Telephone +65 6692 7777

Fax +65 6261 8893

http://genielift.com.sg/

Australia

Telephone (61)(7)3456 4444

Fax (61)(7)3456 4466

http://genielift.com.au

South America

Telephone (55)(11)4082 5600

Fax (55)(11)4082 5630

Required Parts

The following parts are required to perform maintenance procedures as outlined in the Genie Z-135/70 Service Manual.

Description	Part No.
Filter Element - Medium and High Pressure	60857
FILTER ELEMENT,10 MICRON	131323
Filter Element - Tank Return	101959
Engine Oil Filter - Cummins Models	102288
Engine Oil Filter - Deutz Models	49924
Engine Oil Filter - Perkins Models	102632
Fuel Filter/Separator - Cummins Models	102287
Fuel Filter - Deutz Models	108543
Fuel Filter/Separator - Perkins Models	62433
Fuel Filter - Perkins Models	102639
Air Filter Element	62425
O-ring Kit (for ORFS Fitting)	49612
Plug and Cap Kit (for ORFS Fitting)	49613
Dielectric Grease	66339

Recommended Parts

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

Manuals

Genie Industries offers the following support documents for these models:

Title	Part No.
EMI Safety Manual	27581
Manual of Responsibilities ANSI A92.5 ..	31779

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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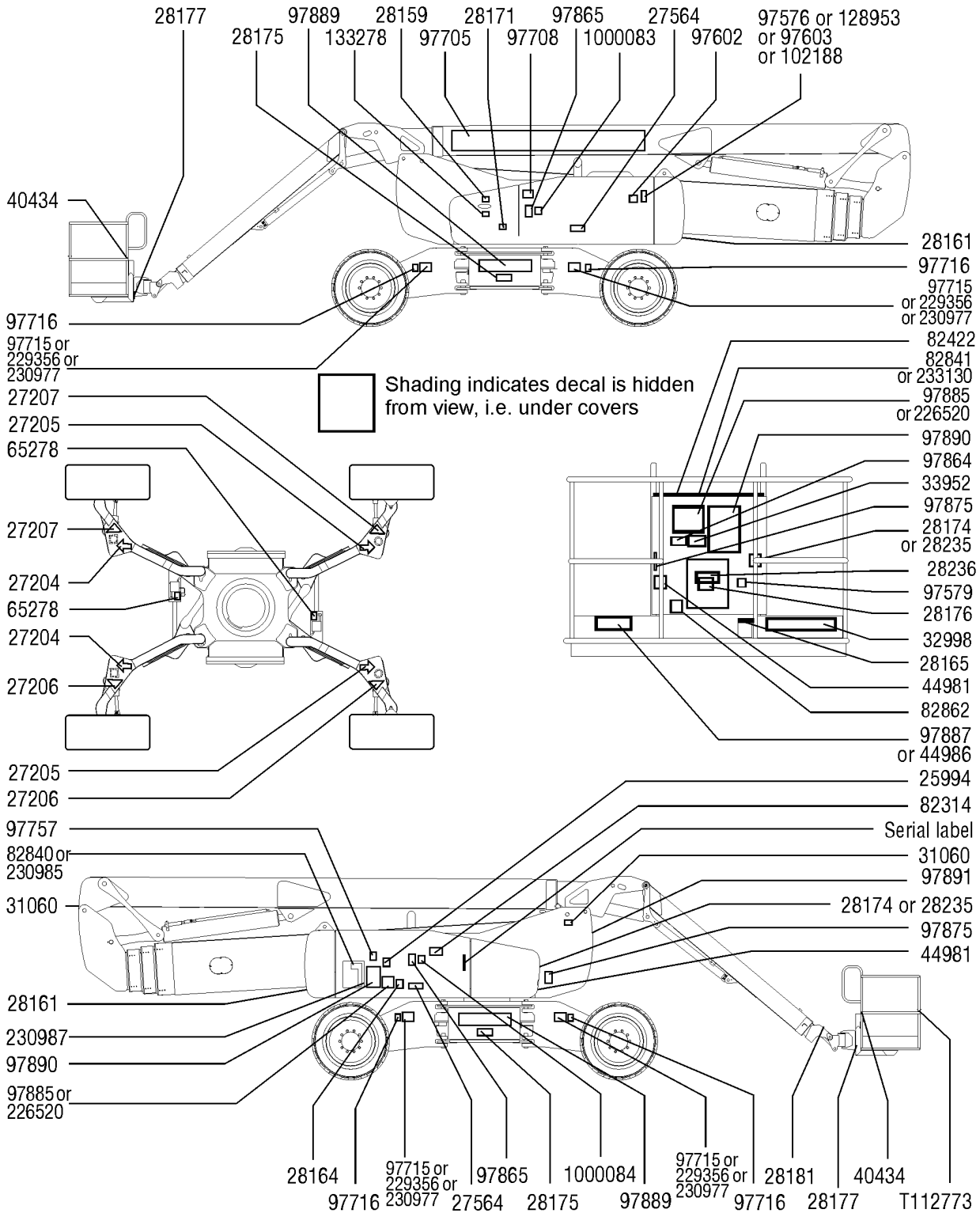
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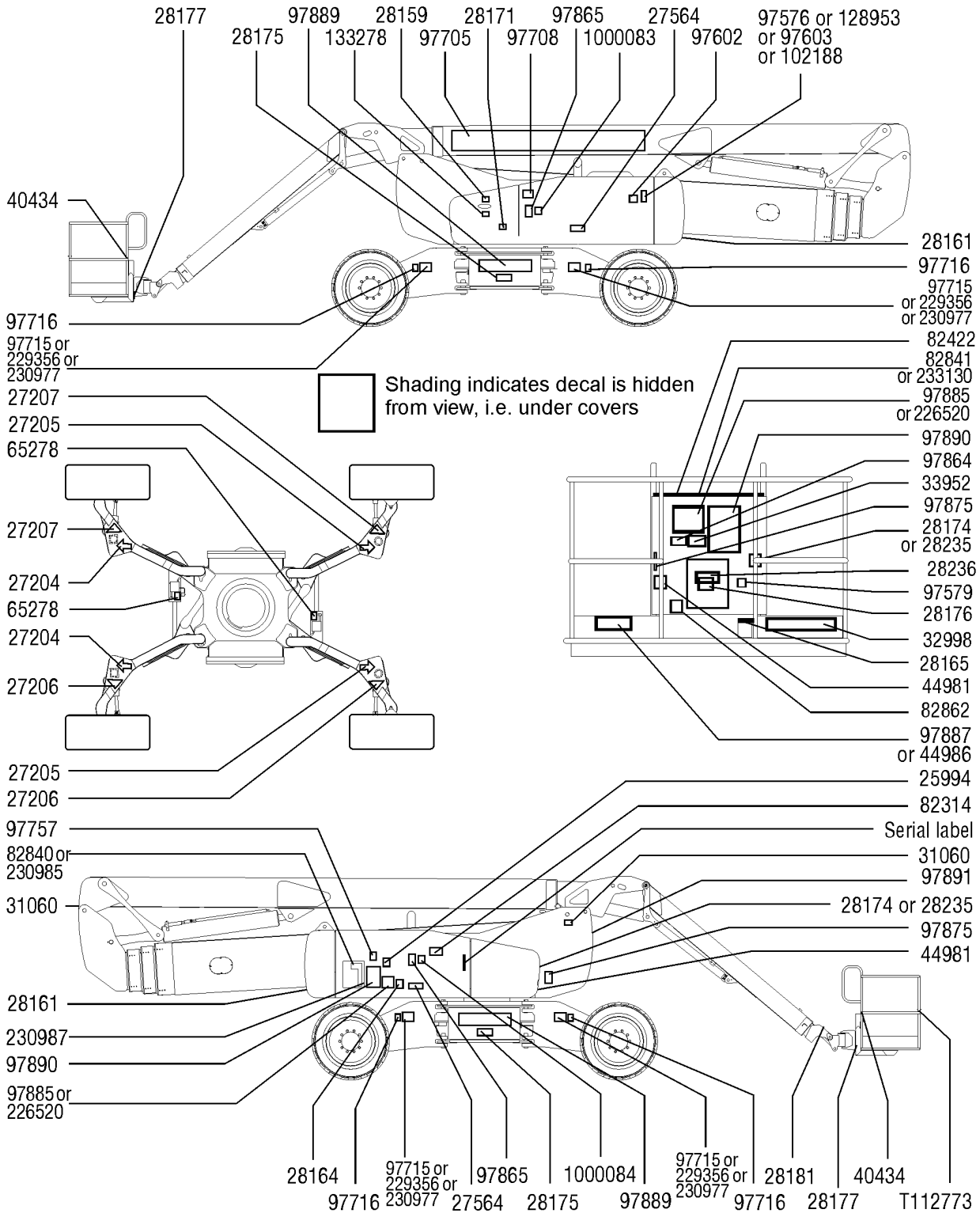
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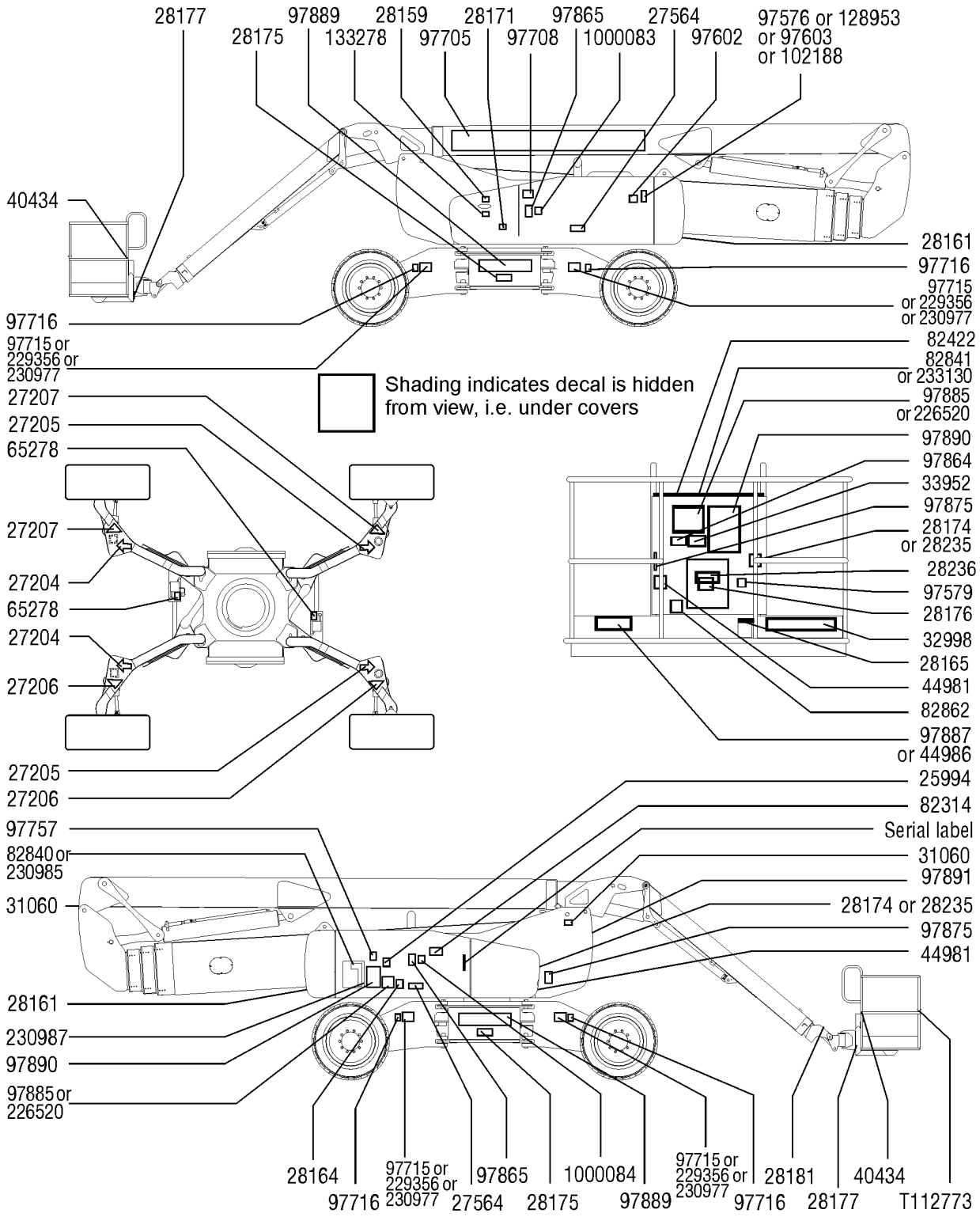
Item	Part No.	Description	Qty.
A-	107692GT	DECAL KIT - WORD, Z135 does not include items 12, 17, 24, 42, 47 or 48	
B-	822971GT	DECAL KIT,Z-135 PLAT,WRD platform only	
1	25994GT	DECAL,NOTICE,SHUTOFF VALVES	1
2	27204GT	DECAL,ARROW BLUE	2
3	27205GT	DECAL,ARROW YELLOW LRG 9"	2
4	27206GT	DECAL,TRIANGLE,BLUE	2
5	27207GT	DECAL,TRIANGLE,YELLOW	2
6	27564GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	2
7	28159GT	DECAL,DIESEL	1
8	28161GT	DECAL,WARN,CRUSH HAZARD HAND	2
9	28164GT	DECAL,NOTICE,HAZARDOUS MAT'LS*	1
10	28165GT	DECAL,INSTRUCT,FOOTSWITCH OPER	1
11	28171GT	DECAL,DANGER,NO SMOKING ***	1
12	28174GT	DECAL,POWER TO PLATFORM 230V	2
13	28175GT	DECAL,WARNING-COMPART ACCESS	2
14	28176GT	DECAL,LABEL,MANUAL NOT HERE	1
15	28177GT	DECAL,WARN,CRUSH HAZARD PLAT	2
16	28181GT	DECAL,WARN,FALL HAZARD	1
17	28235GT	DECAL,POWER TO PLATFORM 115V	2
18	28236GT	DECAL,WARN,IMPROPER OPERATION	1
19	31060GT	DECAL,DANGER DO NOT ALTER SWTC	2
20	32998GT	DECAL,NOTICE,MAX LOAD 600 LBS	1
21	33952GT	DECAL,DANGER,TILT ALARM	1
22	40434GT	DECAL,LANYARD ANCHORAGE POINT	3
23	44981GT	DECAL,LABEL,AIRLINE 110 PSI	2
24	44986GT	DECAL,INSTR,SIDE FRC/WIND,AUS Australia	1
25	65278GT	DECAL,CAUTION,NO STEP	2
26	82314GT	DECAL,DANGER,TIP-OVER	1

101.1 Word Decals



Item	Part No.	Description	Qty.
27	82422GT	SCREW, BHC, 1/4-20 X 1, ZAG	1
28	82840GT	DECAL,GROUND CONTROL PANEL	1
29	82841GT	DECAL,PLATFORM CONTROL PANEL	1
29-	82308GT	DECAL,CONTROL PANEL PROT 82281 top clear protection for the platform box decal 82841	
30	97576GT	DECAL,EXPLOSION HAZARD Deutz; to SN 777	1
30-	128953GT	DECAL,ENGINE SPEC,DEUTZ,TD2011 Deutz; from SN 778	
31	97602GT	DECAL,EXPLOSION HAZARD	1
32	97603GT	DECAL,NOTICE,PERKINS ENGINE,T2 Perkins 1104C	1
32A	128974GT	DECAL,ENGINE SPEC,PERKINS,804T Perkins 804D	1
33	97705GT	DECAL,COSMETIC,GENIE Z-135/70	1
34	97708GT	DECAL,LABEL,FUSE RELAY PANEL	1
35	97715GT	DECAL,DANGER/NOTICE,TIRE SPECS to SN 1640	4
35-	229356GT	DECAL,DANGER/NOTICE,TIRE SPECS from SN 1641	
36	97716GT	DECAL,LABEL,WHEEL LOAD Z135	4
37	97757GT	DECAL,LABEL,OIL LEVEL IND	1
38	97864GT	DECAL,CAUTION,COLLISION HAZ	1
39	97865GT	DECAL,WARN,ELECTRO HAZARD	2
40	97875GT	DECAL,WARN.WELD LINE INST.WORD welder ready option	2
41	97885GT	DECAL,NOTICE,OPERATING INST.	2
42	97887GT	DECAL,INSTR,MAX SIDE FRC,ANSI ANSI & CSA	1
43	97890GT	DECAL,DANGER,GEN SAFETY RULES	2
44	97889GT	DECAL,COSMETIC,Z-135 CHASSIS	2
45	97891GT	DECAL,COSMETIC,GENIE Z-135	1
46	102188GT	DECAL,CUMMINS ENG SPECS	1
47	1000083GT	DECAL,NOTICE,START/CONTRL BATT	1
48	1000084GT	DECAL,CAUTION,AUX BATTERIES	1
49	133278GT	DECAL,LOW/ULTRA LOW SULFR FUEL	1
50	T112773GT	TAPE, PROTECTIVE MASK from SN 1414	2

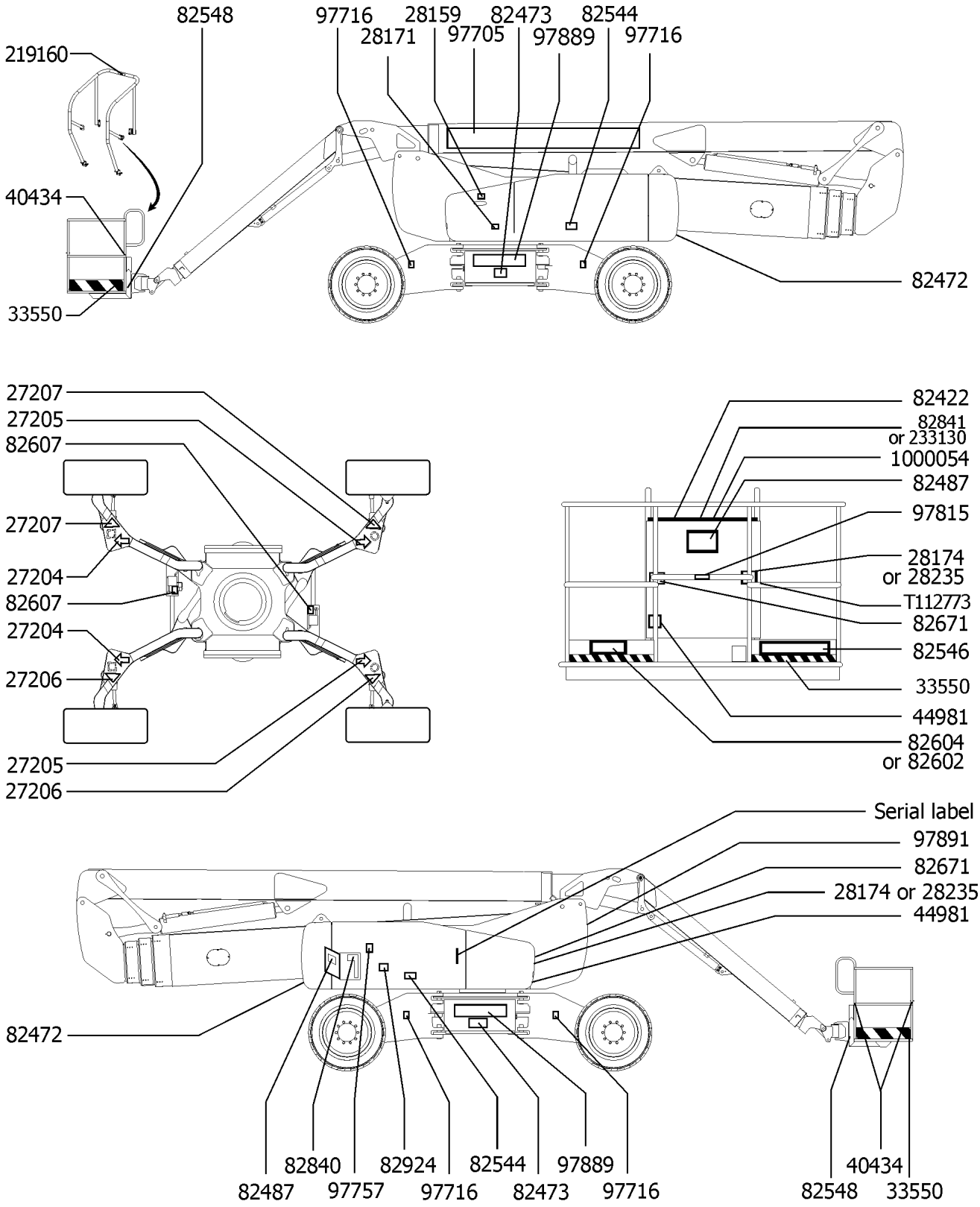
101.1 Word Decals



101.1 Word Decals

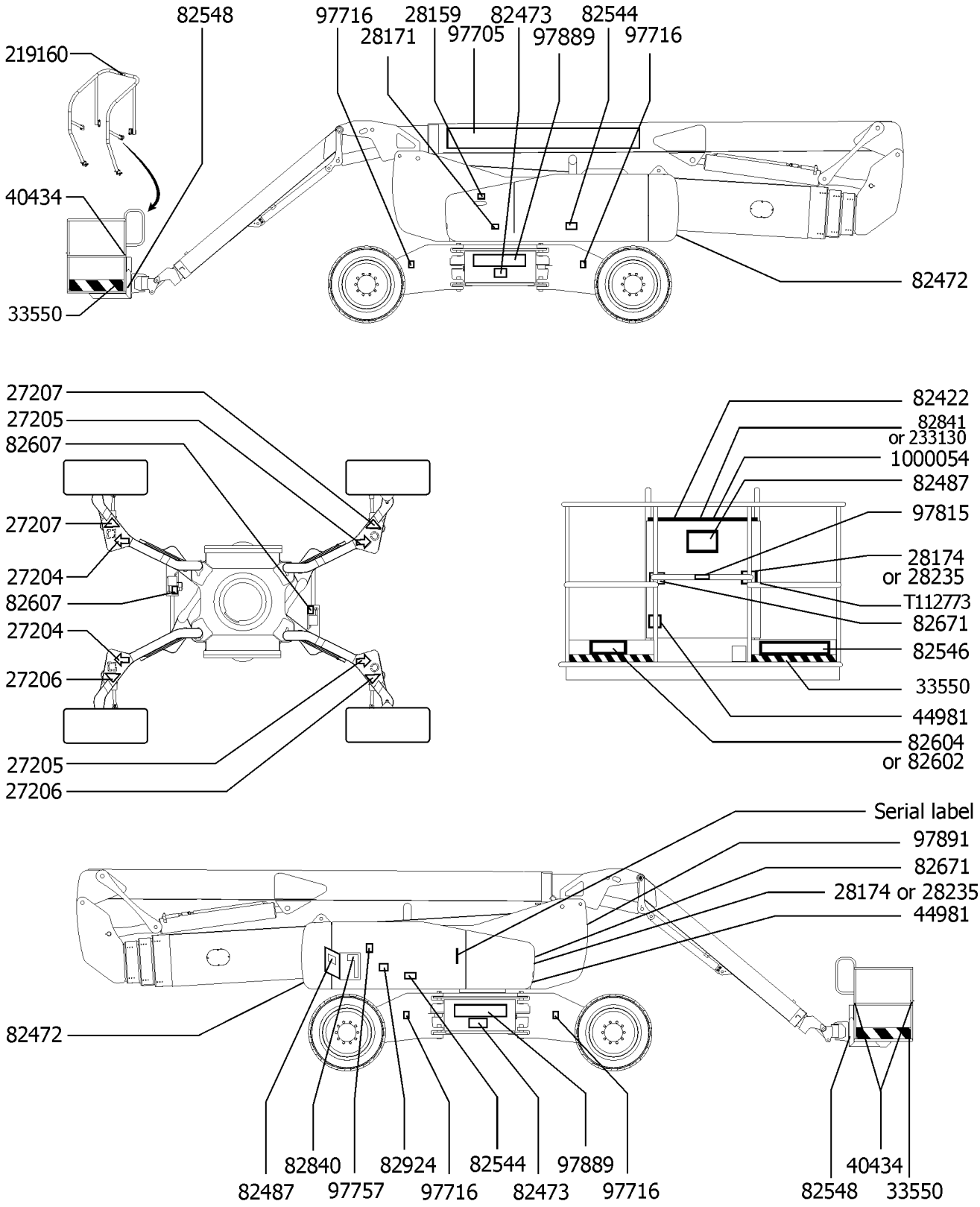
Item	Part No.	Description	Qty.
51	226520GT	DECAL,INST,OPER,INST,Z135,AUS Australia	
52	230977GT	DECAL,SOLID TIRE,445/65D22.5 from SN 1610	
53	230985GT	DECAL,GROUND CONTROL,Z135	
54	230987GT	DECAL, SERVICE RECOVERY SWITCH	
55	233130GT	DECAL, PCON, TOG SW, Z135	
55-	161522GT	DECAL, PROTECTIVE COVER, Z135 PBOX top clear protection for the platform box decal 233130	
56	219160GT	DECAL, INSTRUCTION, OPS option	1
57	97579GT	DECAL,DANGER,TIP-OVER,WELDER** welder option	
58	82862GT	DECAL,FIRE EXTINGUISHER welder option	

102.1 Symbol Decals



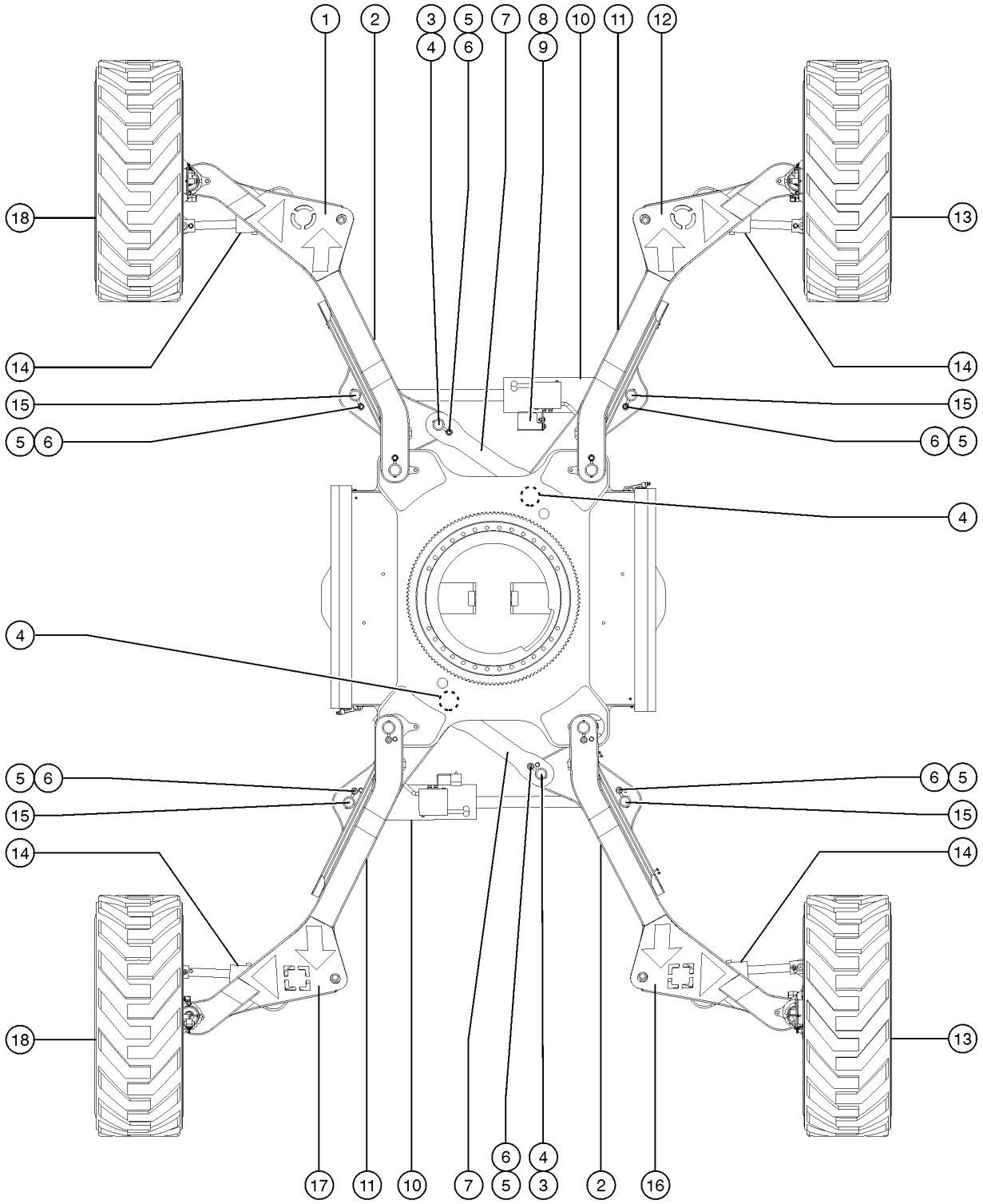
Item	Part No.	Description	Qty.
A-	107693GT	DECAL KIT - SYMBOL,Z135 includes items 1-6, 9, 12-18, 21, 23-25 and 27-30	
B-	822975GT	DECAL KIT,Z-135 PLAT,SYM platform only	
1	27204GT	DECAL,ARROW BLUE	2
2	27205GT	DECAL,ARROW YELLOW LRG 9"	2
3	27206GT	DECAL,TRIANGLE,BLUE	2
4	27207GT	DECAL,TRIANGLE,YELLOW	2
5	28159GT	DECAL,DIESEL	1
6	28171GT	DECAL,DANGER,NO SMOKING ***	1
7	28174GT	DECAL,POWER TO PLATFORM 230V	2
8	28235GT	DECAL,POWER TO PLATFORM 115V	2
9	40434GT	DECAL,LANYARD ANCHORAGE POINT	3
10	44981GT	DECAL,LABEL,AIRLINE 110 PSI	2
11	82422GT	SCREW, BHC, 1/4-20 X 1, ZAG	1
12	82472GT	DECAL,WARNING,CRUSHING HAZARD	2
13	82473GT	DECAL,SYMBOL-COMP ACCESS	1
14	82487GT	DECAL,SYMBOL-READ THE MANUAL	2
15	82544GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	2
16	82546GT	DECAL,DANGER,MAX LOAD 600 LBS.	1
17	82548GT	DECAL,WARN,CRUSH HAZARD PLAT	2
18	1000054GT	DECAL,DRIVE ENABLE PATCH	1
19	82602GT	DECAL,DANGER,MAX SIDE FRC,667N	1
20	82604GT	DECAL,DANGER,SIDE FRC 400N	1
21	82607GT	DECAL,CAUTION,NO STEP***	2
22	82671GT	DECAL,LABEL,WELD LINE INST,SYM	2
23	82840GT	DECAL,GROUND CONTROL PANEL	1
24	82841GT	DECAL,PLATFORM CONTROL PANEL	1
24-	82308GT	DECAL,CONTROL PANEL PROT 82281 top clear protection for the platform box decal 82841	
25	82924GT	DECAL,CAUTION,SHUTOFF VALVES**	1

102.1 Symbol Decals



Item	*Part No.*	*Description*	*Qty.*
26	97705GT	DECAL,COSMETIC,GENIE Z-135/70	1
27	97716GT	DECAL,LABEL,WHEEL LOAD Z135	4
28	97757GT	DECAL,LABEL,OIL LEVEL IND	1
29	97815GT	DECAL,LABEL,LOWER MIDRAIL	1
30	97889GT	DECAL,COSMETIC,Z-135 CHASSIS	2
31	97891GT	DECAL,COSMETIC,GENIE Z-135	1
32	33550GT	TAPE,WARNING,BLK/YEL, 50'***	1 roll
33	T112773GT	TAPE, PROTECTIVE MASK from SN 1414	2
34	233130GT	DECAL, PCON, TOG SW, Z135	
34-	161522GT	DECAL, PROTECTIVE COVER, Z135 PBOX top clear protection for the platform box decal 233130	
35	219160GT	DECAL, INSTRUCTION, OPS option	1

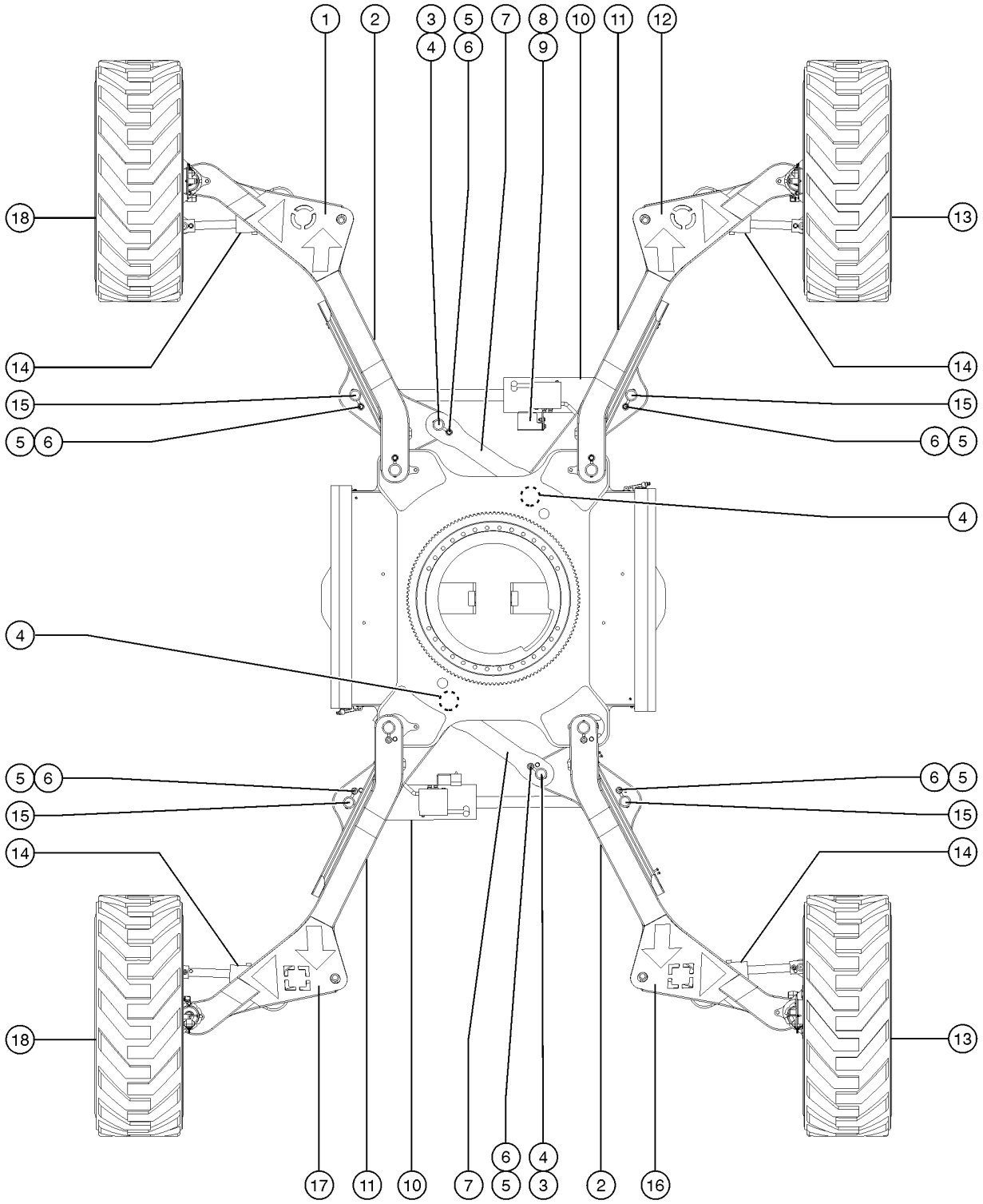
201.1 Top View



201.1 Top View

Item	Part No.	Description	Qty.
-	61283GT	SLEAVING,PARKER TEK,2.00"	
1		AXLE CVR W/DECALS,RR	1
2		AXLE CASTING, W/BEARING, LF,RR component no longer available	2
3	94941GT	PIN,2.25DIAX5.63LG,1HOLE	2
4	106042GT	BEARING,2.25IDX2.50ODX2.00L	4
5	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
6	1256267GT	ROD END,.5 X 3.75,ZAG	
7	94853GT	TIMING LINK,MACHINED	2
8	110934GT	SWITCH ASSY,LIMIT LSFA1ES,LSRA	2
8-	43960GT	WIRE CABLE,16/4 CON.TPE JKT	39
8-	119761GT	CONN PLUG 2 WAY EXTEND DT	
8-	60425GT	CONN, PLUG, 2 WAY, DEUTSCH, DT, LOCK	
8-	73714GT	TERMINAL, SOCKET, DT, 14-18 AWG, NICKEL, 0.095-0.150 OD, DEUTSCH, STRIP	
8-	110771-465R3GT	SWITCH LIMIT W/ROLLER NO/NC	
9	106070PGT	FORMING,LIMIT SWITCH GUARD PNT	2
9-	49817GT	SCREW,PHILLIPS,PHM,10-32 X1.25	
10	98147GT	CYLINDER,AXLE EXTENSION Z135	2
10-	106742GT	SEAL KIT,CYL (98147)***	
10-	T107366GT	ASSY,LIM.SW.ACTUATOR BLOCK*** includes actuator part 110481 and seal kit part 110482	
10-	110481GT	LIMIT SWITCH ACTUATOR BLOCK (block only)	
10-	110482GT	LS ACTUATOR BLOCK SEAL KIT (seal kit for part 110481)	
10-	33428GT	VALVE,COUNTERBALANCE	
10-	18722GT	BEARING,2.25IDX2.50ODX1.50L***	
10-	106007GT	BELLOWS,AXLE EXTEND CYLINDER** FOR HOSTILE ENV. PACKAGE ONLY	
11		AXLE CASTING, W/BEARING, RF,LR component no longer available	2
12	106446GT	AXLE CVR W/DECALS,LR	1
13	50032GT	TIRE & WHEEL ASSY LF-LR RT, Foam-filled, left; to SN 1640	
13-	T111702GT	ASSY,TIRE,445D50/710,LH RT, Foam-filled, left; from SN 1641	

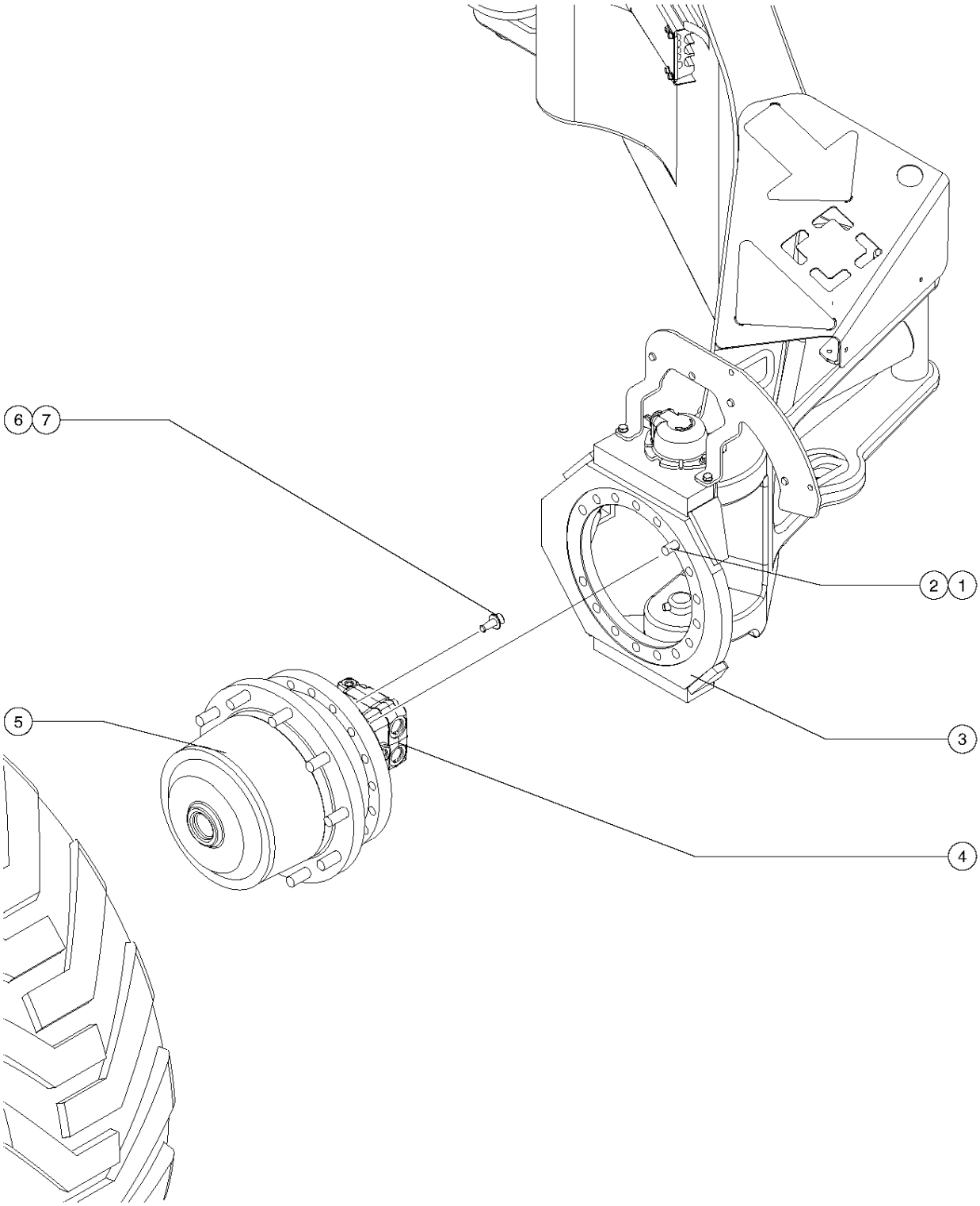
201.1 Top View



201.1 Top View

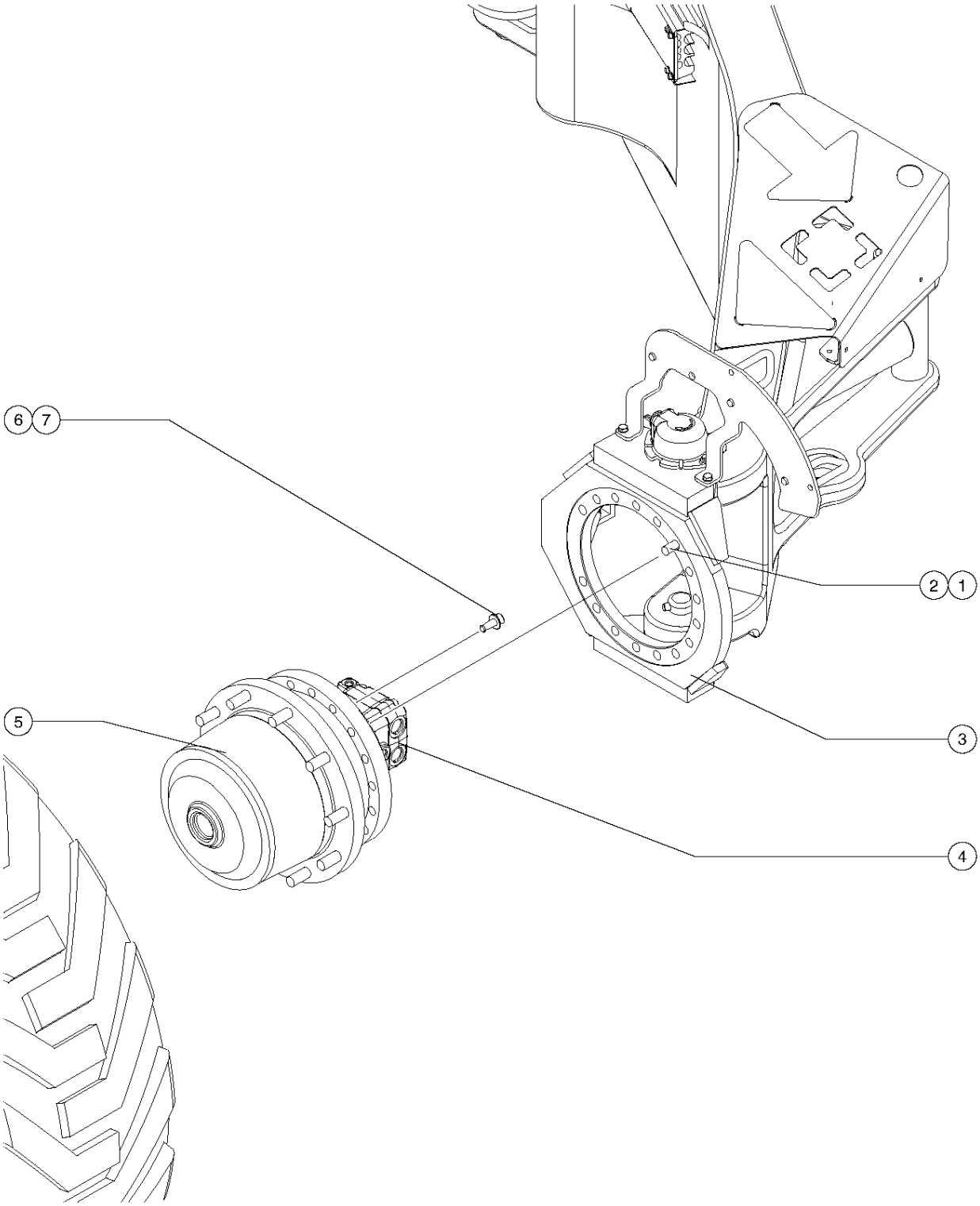
Item	Part No.	Description	Qty.
13-	227796GT	TIRE & WHEEL ASSY LF-LR RT, Foam-filled RNU, left; to SN 1640	2
13-	233565GT	TIRE & WHEEL ASSY, LH RT, Foam-filled RNU, left; from SN 1641	
13-	34127GT	NUT,LUG,3/4-16 X 7/8 RADIUS	
14	98148GT	CYLINDER,STEER Z135	4
14-	65793GT	SEAL KIT CYL***	
14-	106849GT	BEARING,1.5"ID X 1.75OD X1.75L	
15	94940GT	PIN,2.25DIAX12.50LG,1HOLE	4
16	106449GT	AXLE CVR W/DECALS, LF	1
17	106448GT	AXLE CVR W/DECALS,RF	1
18	50188GT	TIRE & WHEEL ASSY RF-RR RT, Foam-filled, right; to SN 1640	
18-	T111703GT	ASSY,TIRE,445D50/710,RH RT, Foam-filled, right; from SN 1641	
18-	227797GT	TIRE & WHEEL ASSY RF-RR RT, Foam-filled, RNU, right; to SN 1640	
18-	233566GT	TIRE & WHEEL ASSY, RH RT, Foam-filled, RNU, right; from SN 1641	
18-	34127GT	NUT,LUG,3/4-16 X 7/8 RADIUS	

202.1 Steer Yoke, Wheel Drive and Motor



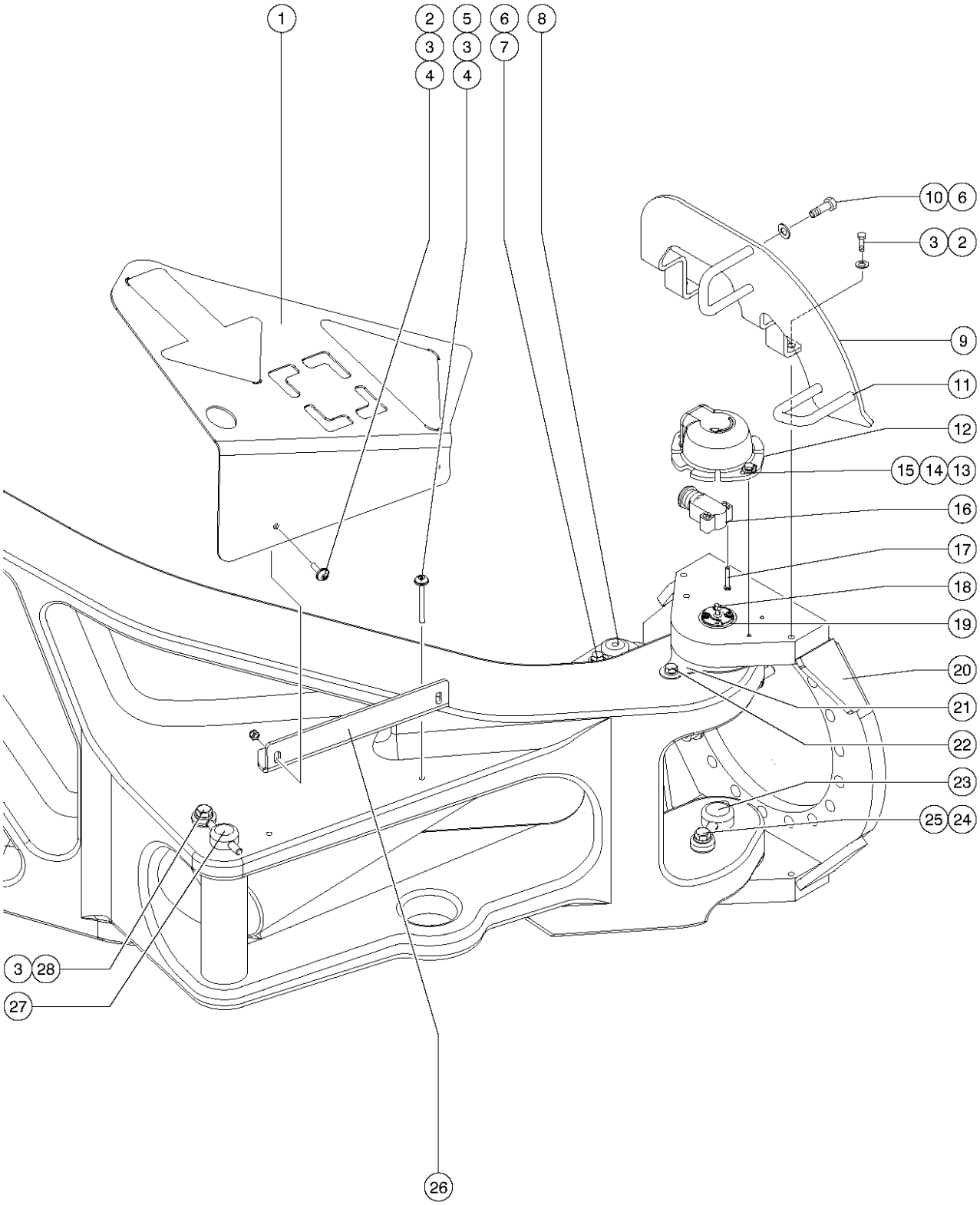
Item	Part No.	Description	Qty.
1	102064GT	SCREW,SHC,M16 X 50MM,BLACK	16
2	76390GT	WASHER,FLAT, M16 HARDENED	16
3	75452-SGT	YOKE ASSEMBLY,SUPERBOOM,NRRW	1
3-	119620GT	BEARING,1.75IDX2.00ODX1.50L	
3-	119619GT	BEARING,1.5 ID X 1.75 ODX1.5L	
4	101070GT	MOTOR,PISTON,2 SPEED,45CC to SN 179	4
4-	106098GT	SEAL KIT,MOTOR,LC/KC***	
4A	101070GT	MOTOR,PISTON,2 SPEED,45CC square end; from SN 180	2
4A-	106098GT	SEAL KIT,MOTOR,LC/KC***	
4B	107723GT	MOTOR,PISTON,2 SPEED,25CC circle end; from SN 180	2
4B-	106098GT	SEAL KIT,MOTOR,LC/KC***	
5	106756GT	WHEEL DRIVE W/BRAKE,76:1 to SN 179	4
5-	106873GT	SEAL KIT,RWD 1700TB***	
5-	106874GT	BEARING KIT,RWD 1700TB***	
5-	106875GT	BRAKE KIT,RWD 1700TB***	
5-	62478GT	LUG BOLT,3/4-16 X 3"***	
5-	34127GT	NUT,LUG,3/4-16 X 7/8 RADIUS	
5-	237233GT	HUB, WHEEL COVER,Z135 (106756)	
5-	237232GT	HUB, WHEEL COVER, O-RING (FOR 237233GT)	
5-	102449GT	CAP,MANUAL DISENGAGE (89212)	
5-	7339GT	SCREW,HHC,1/4-20 X .5 use 2 each on cap 102449	
5A	106756GT	WHEEL DRIVE W/BRAKE,76:1 circle end; from SN 180	2
5A-	106873GT	SEAL KIT,RWD 1700TB***	
5A-	106874GT	BEARING KIT,RWD 1700TB***	
5A-	106875GT	BRAKE KIT,RWD 1700TB***	
5A-	62478GT	LUG BOLT,3/4-16 X 3"***	
5A-	34127GT	NUT,LUG,3/4-16 X 7/8 RADIUS	
5A-	237233GT	HUB, WHEEL COVER,Z135 (106756)	

202.1 Steer Yoke, Wheel Drive and Motor



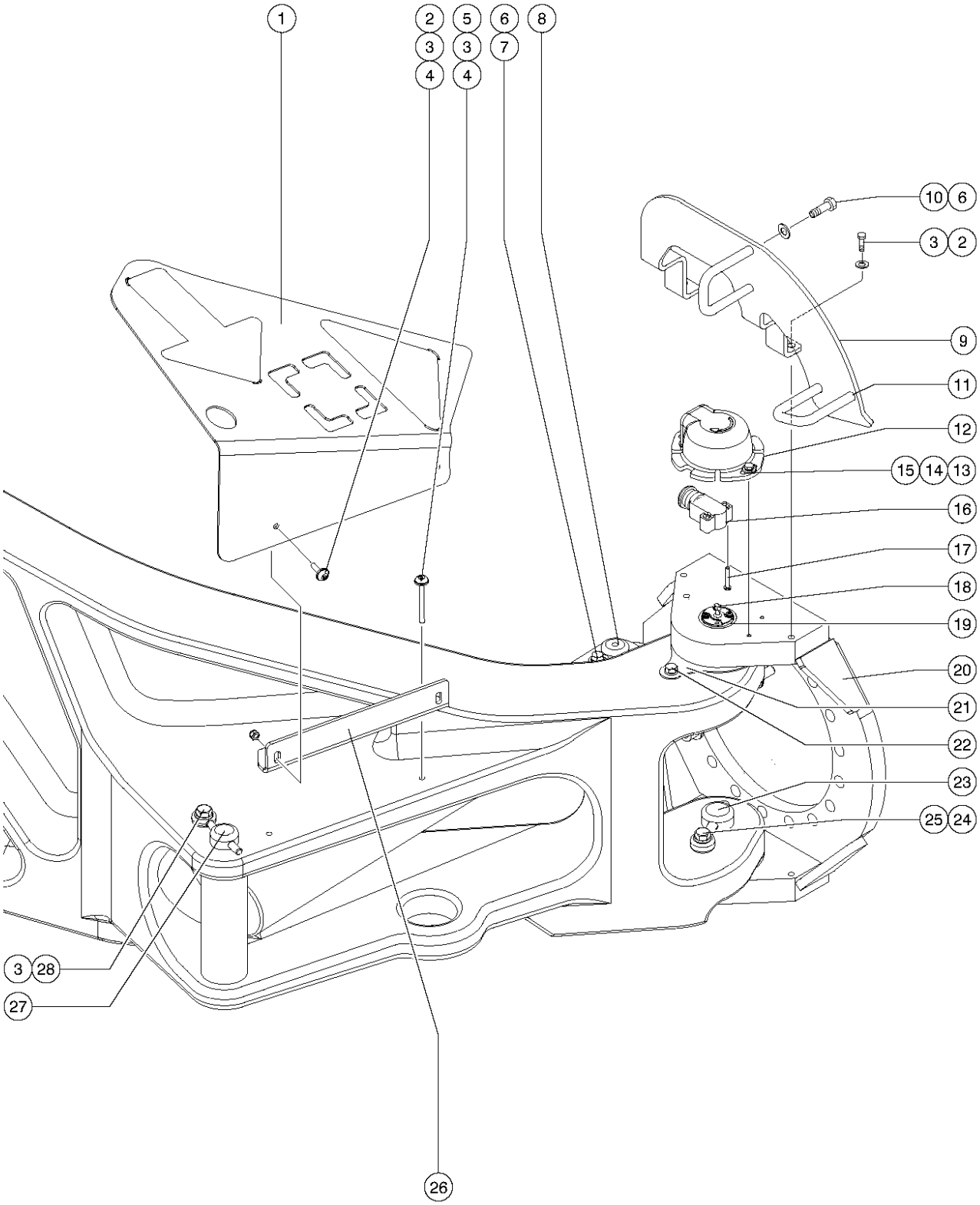
Item	Part No.	Description	Qty.
5A-	9990080GT	C034060, SCREW FOR 106756 secures gear cover over wheel stud mount	2
5A-	237232GT	HUB, WHEEL COVER, O-RING (FOR 237233GT)	
5A-	102449GT	CAP,MANUAL DISENGAGE (89212)	
5A-	7339GT	SCREW,HHC,1/4-20 X .5 use 2 each on cap 102449	
5B	107722GT	WHEEL DRIVE W/BRAKE,113:1 square end; from SN 180	2
5B-	106873GT	SEAL KIT,RWD 1700TB***	
5B-	106874GT	BEARING KIT,RWD 1700TB***	
5B-	106875GT	BRAKE KIT,RWD 1700TB***	
5B-	62478GT	LUG BOLT,3/4-16 X 3"***	
5B-	34127GT	NUT,LUG,3/4-16 X 7/8 RADIUS	
5B-	1280068GT	HUB SUPPORT,WHEEL DRIVE(107722) for 107722	
5B-	1280069GT	RING,WHEEL DRIVE(107722) for 107722	
5B-	1280070GT	COLUMN,WHEEL DRIVE(107722) for 107722	
6	94747GT	SCREW,HHC,1/2-13 X 1.75 GRD 8	2
7	13066GT	WASHER,FLAT,.5 HARDENED	2

203.1 Steer Sensor and Steer Cylinder



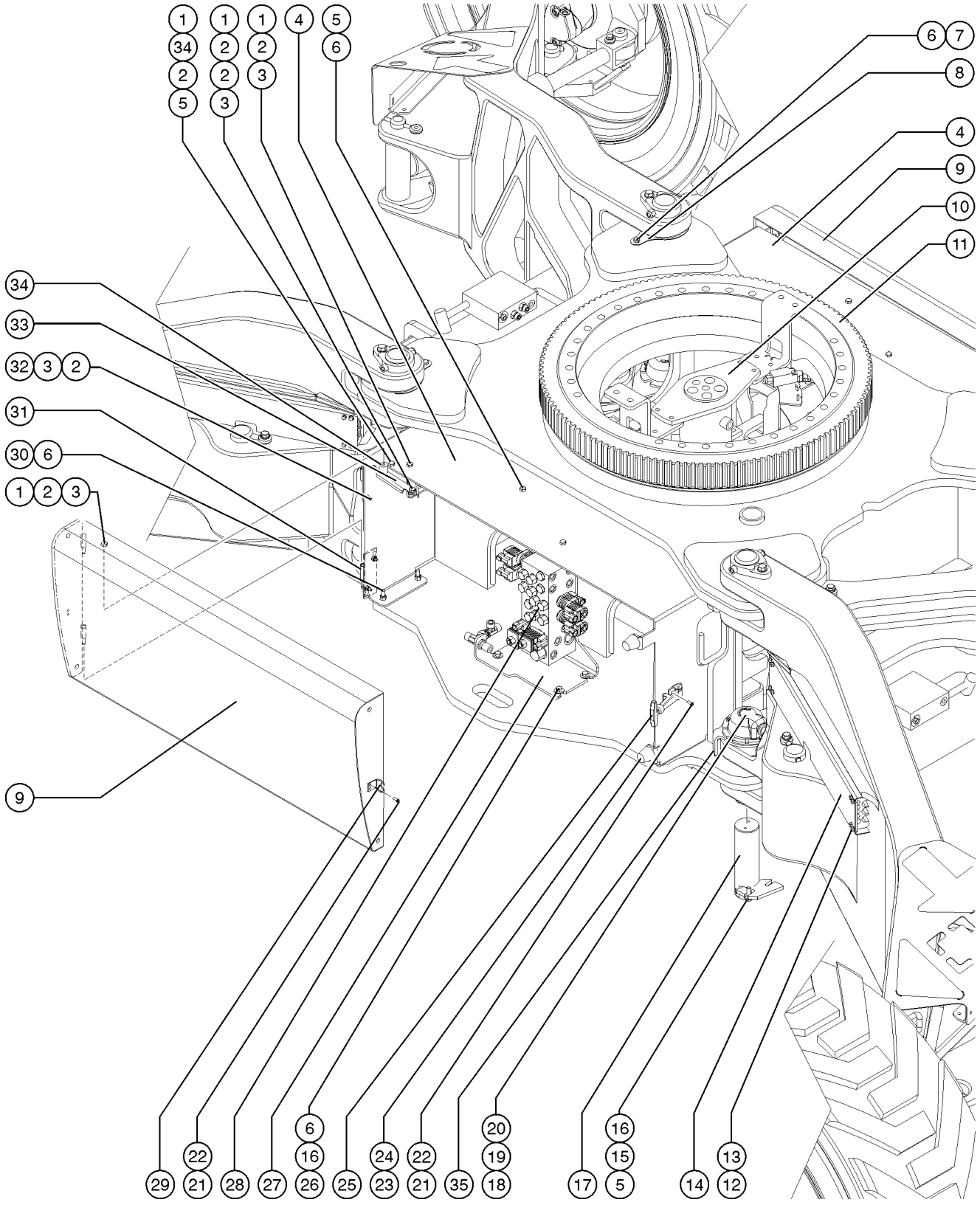
Item	Part No.	Description	Qty.
1		Ref. Axle Cover with Decal (refer to 201.1)	
2	106860GT	SCREW,SECURITY,1/4-20 X 1.00LG	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	6091GT	NUT,NYLOCK,1/4-20	
5	106859GT	SCREW,SECURITY,1/4-20 X 2.75LG	
5-	106861GT	BIT,5/32,HEX SOCKET,SECURITY	
6	8255GT	SCREW,HHC,3/8-16 X .75	
7	1255452GT	ROD END,.375 X 2.25,ZAG	
8	60980GT	PIN,1.50DIAX4.13LG,THREADED	1
9	119839GT	FORMING,GUIDE BRACKET,LEFT	1
9-	119840GT	FORMING,GUIDE BRACKET,RIGHT	
10	6097GT	WASHER, FLAT, USS, 3/8", Y	
11	106696GT	BAR,GUIDE BRACKET	2
12	60609GT	COVER,STEERING SENSOR	1
13	8914GT	SCREW, HHC, 1/4-20 X .625	
14	6090GT	SCREW, HHC, 1/4-20 X .75	
15	6638GT	WASHER, FLAT, USS, 1/4"Y	
16	106187GT	SUBASSY,STEER SENSOR includes items 12 and 17 (calibration required after replacement)	
16-	119066GT	CONN, RECEP, 3 WAY, DEUTSCH, DT, ENDCAP	
16-	60441GT	CONN, RECEP, 3 WAY, DEUTSCH, DT, LOCK	
16-	75633GT	TERM,GOLD PIN,14/16 GA,BULK	
17	49817GT	SCREW,PHILLIPS,PHM,10-32 X1.25	
18	60618GT	ACTIVATOR,STEER SENSOR	1
19	75087GT	PIN,AXLE KING	1
20		Ref. Steer Yoke (refer to 202.1)	
21	106064GT	SHIM,STEER YOKE	as-needed
22	8255GT	SCREW,HHC,3/8-16 X .75	

203.1 Steer Sensor and Steer Cylinder



Item	Part No.	Description	Qty.
23	30194GT	PIN,1.75DIAX5.25LG,1HOLE	1
23-	60555GT	WASHER,THRUST 5 X 1.81 BRON not shown	1
24	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
25	1256267GT	ROD END,.5 X 3.75,ZAG	1
26	106682PGT	FORMING,COVER MOUNT,AXLE PAINT	1
27	42016GT	PIN,1.50DIAX11.00LG,1HOLE	1
28	825019GT	ROD END, .375X3.69, ZAG	1

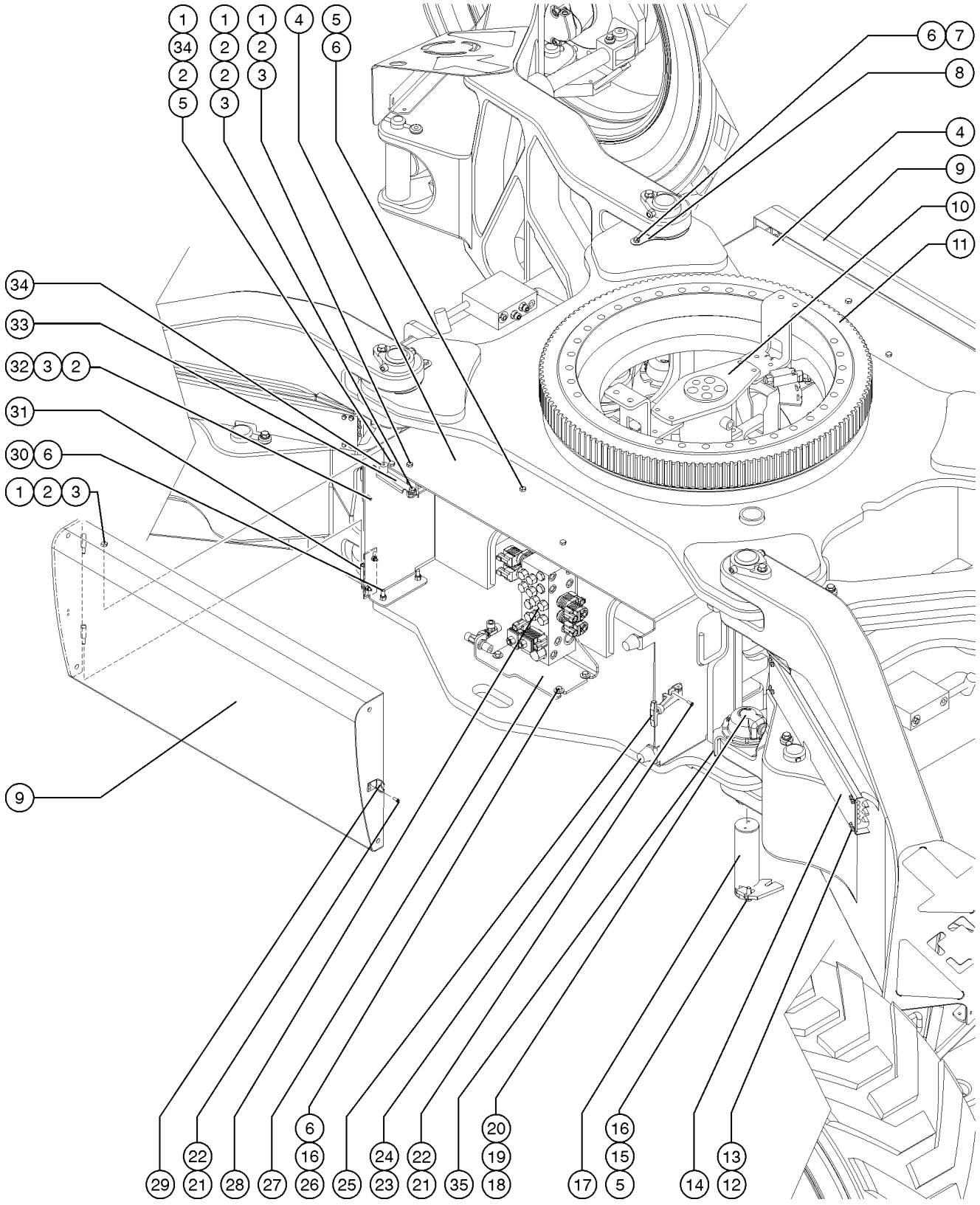
204.1 Chassis Components, Yellow Triangle Side



204.1 Chassis Components, Yellow Triangle Side

Item	Part No.	Description	Qty.
1	6145GT	SCREW, HHC, 1/4-20 X 1.5	
2	6638GT	WASHER, FLAT, USS, 1/4"Y	
3	6091GT	NUT,NYLOCK,1/4-20	
4	101032PGT	FORMING,BOX,MANIFOLD PAINTED	2
5	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
6	4828GT	NUT, NYLOCK, 3/8-16	
7	14033GT	SCREW, HHC, 3/8-16 X 2.75	
8	101504GT	SHIM,AXLE,2.56	
9	107728GT	CVR,MANIFOLD BOX W/WORD DECALS includes items 21-22	2
9-	106450GT	CVR,MANIFOLD BOX W/SYM DECALS includes items 21-22	
9-	36415GT	HINGE,WELD,COVER,CTRLS GRY/BLU (female hinge, mounts to chassis)	
10		Ref. Hydraulic Swivel (refer to 306.1)	
11	101572GT	BEARING,TURNTABLE	1
11-	227785GT	BEARING TURNTABLE SEAL***	
11-	88212GT	SCREW,SHC,3/4-10 X 3.00,A574	28
11-	33278GT	WASHER, FLAT, .75 HARDENED	28
11-	21175GT	SCREW,SHC,5/8-11 X 4,A574	34
11-	13064GT	WASHER,FLAT,.625 HARDENED	34
12	7339GT	SCREW,HHC,1/4-20 X .5	
13	6356GT	WASHER, LOCK, .25	
14	101039PGT	COVER,AXLE,RF,LR PAINTED	2
14-	101558PGT	COVER,AXLE,LF,RR PAINTED	2
15	6021GT	WASHER, LOCK, .375	
16	6097GT	WASHER, FLAT, USS, 3/8", Y	
17	107536GT	WELDMENT,PIN,AXLE SENSOR	2
17-	101499GT	WASHER,THRUST,2.5 X 5.5 X .250 not shown	2
18	60609GT	COVER,STEERING SENSOR	2
19	94985GT	SENSOR,AXLE POSITION (calibration required after replacement)	2

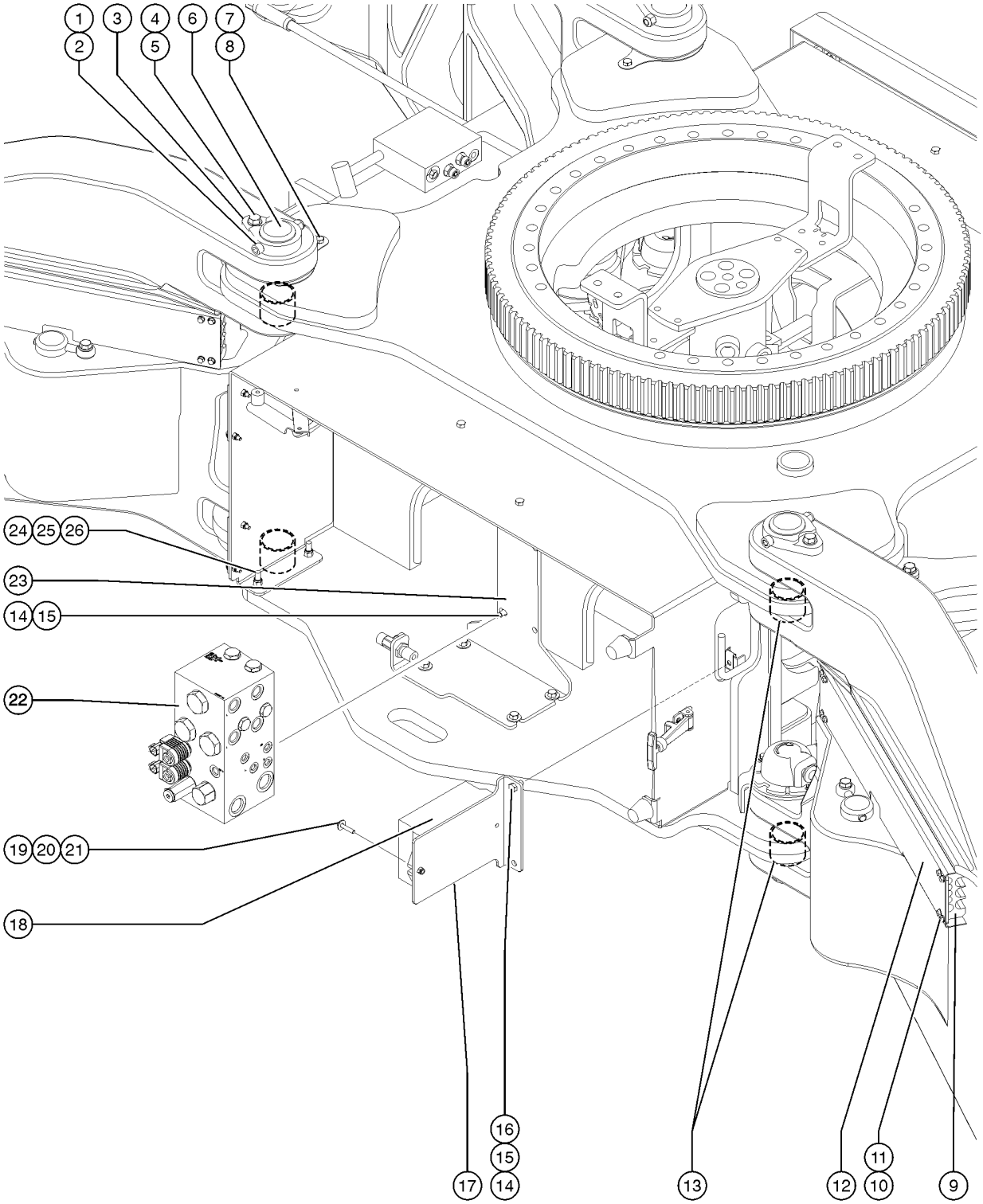
204.1 Chassis Components, Yellow Triangle Side



204.1 Chassis Components, Yellow Triangle Side

Item	Part No.	Description	Qty.
19-	119067GT	CONN, RECEP, 4 WAY, DEUTSCH, DT, ENDCAP	
19-	60443GT	LOCK, RECEP 4WAY, 14-18GA	
19-	60757GT	PLUG, SEAL, 12-18GA	
19-	75633GT	TERM,GOLD PIN,14/16 GA,BULK	
20	60618GT	ACTIVATOR,STEER SENSOR	2
21	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	
22	6178GT	NUT, NYLOCK, 10-32	
23	30973GT	BUMPER,RUBBER-1 X 1.25	4
24	6782GT	NUT, NYLOCK, 5/16-18	
25	45363GT	LATCH,FLEXIBLE	2
26	8178GT	SCREW, HHC, 3/8-16 X 2.5	
27	101038GT	FORMING,MANIFOLD MOUNT	2
28		Ref. Steer Manifold (refer to 703.1)	
29	75076GT	KEEPER,LATCH (45363)	1
30	6708GT	SCREW,HHC,3/8-16 X 2.25	
31	36415GT	HINGE,WELD,COVER,CTRLS GRY/BLU	2
32	6888GT	SCREW, HHC, 1/4-20 X 1	
33	106680GT	FORMING,DOOR STOP	4
34	106768GT	TUBE,UHMW,SPACER	4
35	101704GT	FORMING,BRACKET,SENSOR	4

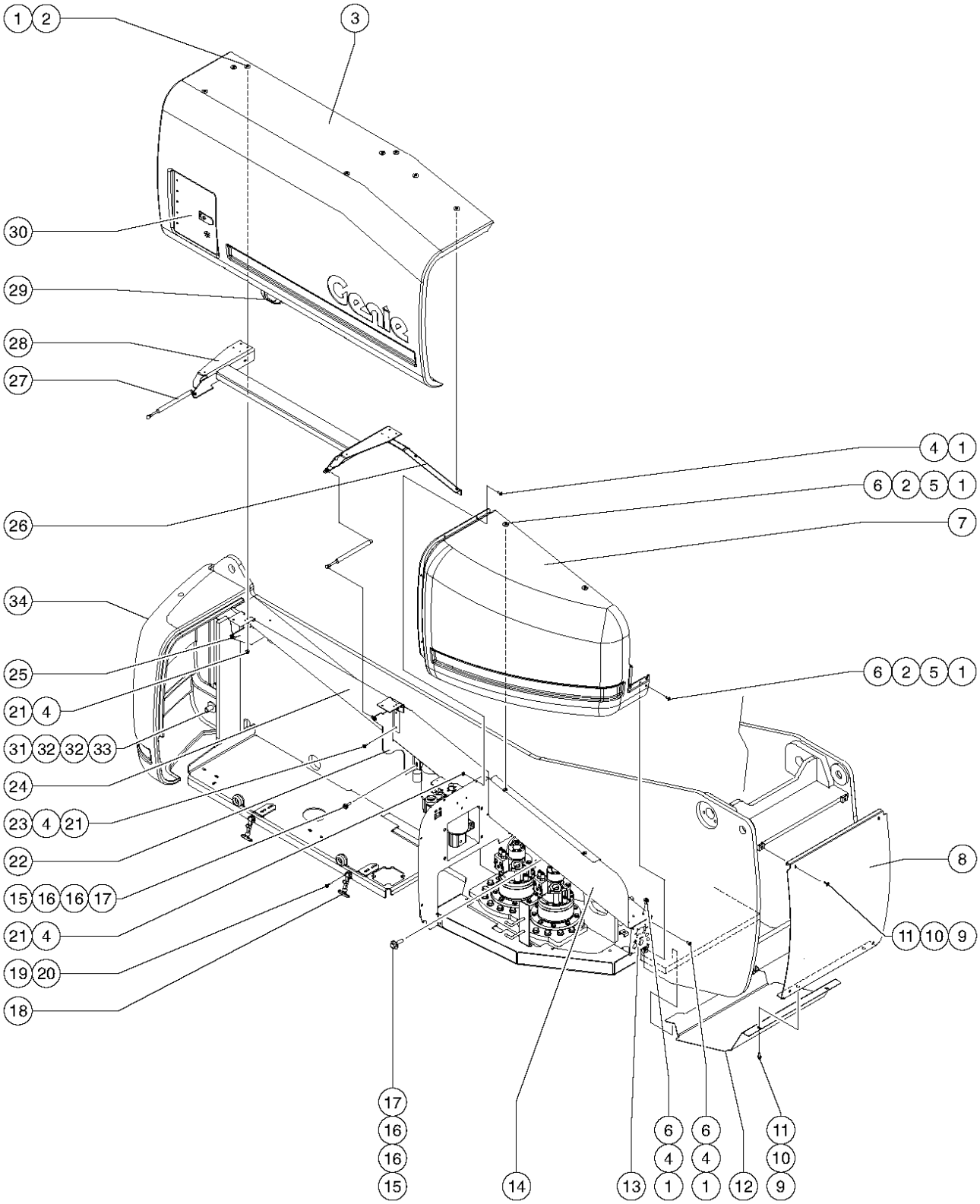
205.1 Chassis Components, Blue Triangle Side



205.1 Chassis Components, Blue Triangle Side

Item	Part No.	Description	Qty.
1	42360GT	SCREW,SHC,1/2-13 X 4 ZINC	
2	6086GT	NUT,LP NYLOCK,1/2-13	
3	107676PGT	PLATE, PIN RETAINER, PAINTED	4
3-	119151GT	SERV KIT,#4RISER-TO-LINK BANJO includes retainer plate and items 1 and 2	
4	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
5	6095GT	WASHER,FLAT,USS,1/2",Y	
6	101150GT	PIN,2.50DIAX7.88LG,1HOLE	4
7	14033GT	SCREW, HHC, 3/8-16 X 2.75	
8	101504GT	SHIM,AXLE,2.56	4
9	101597GT	CLAMP,DRIVE CHASSIS HOSE	8
10	11808GT	SCREW,HHC,1/4-20 X .375	
11	6356GT	WASHER, LOCK, .25	
12	101039PGT	COVER,AXLE,RF,LR PAINTED	1
13	27698GT	BEARING,2.50IDX2.75ODX2.00L (placed as shown on both sides of chassis)	4
14	8255GT	SCREW,HHC,3/8-16 X .75	
15	6021GT	WASHER, LOCK, .375	
16	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	
17	101927GT	FORMING,DCON MOUNT	1
18	101004GT	MODULE,DCON	1
19	8915GT	SCREW, HHC, 1/4-20 X 1.25	
20	6638GT	WASHER, FLAT, USS, 1/4"Y	
21	6091GT	NUT,NYLOCK,1/4-20	
22		Ref Traction Manifold (refer to 701.1)	
23	101038GT	FORMING,MANIFOLD MOUNT	1
24	6708GT	SCREW,HHC,3/8-16 X 2.25	
25	6097GT	WASHER, FLAT, USS, 3/8", Y	
26	4828GT	NUT, NYLOCK, 3/8-16	

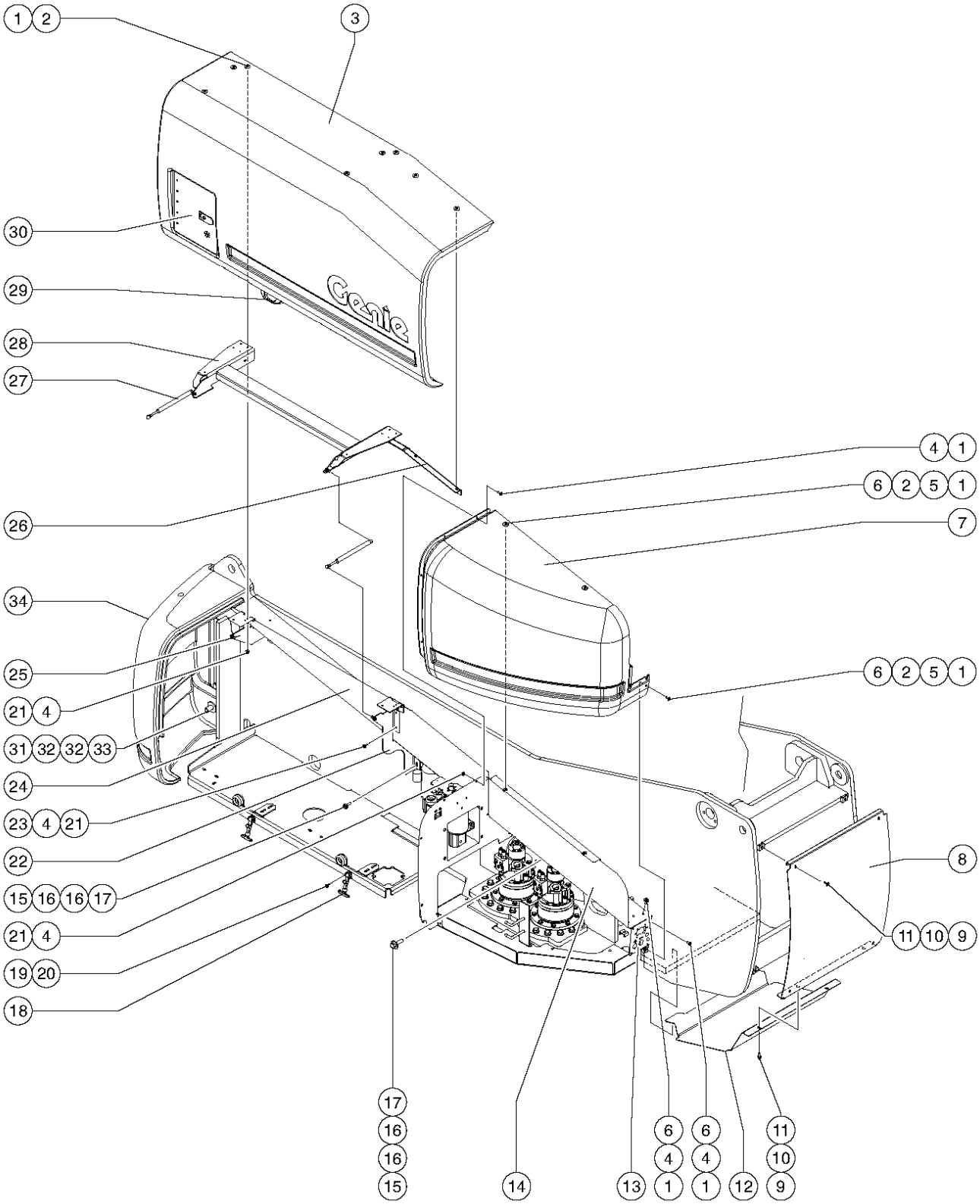
301.1 Tank Side Covers



301.1 Tank Side Covers

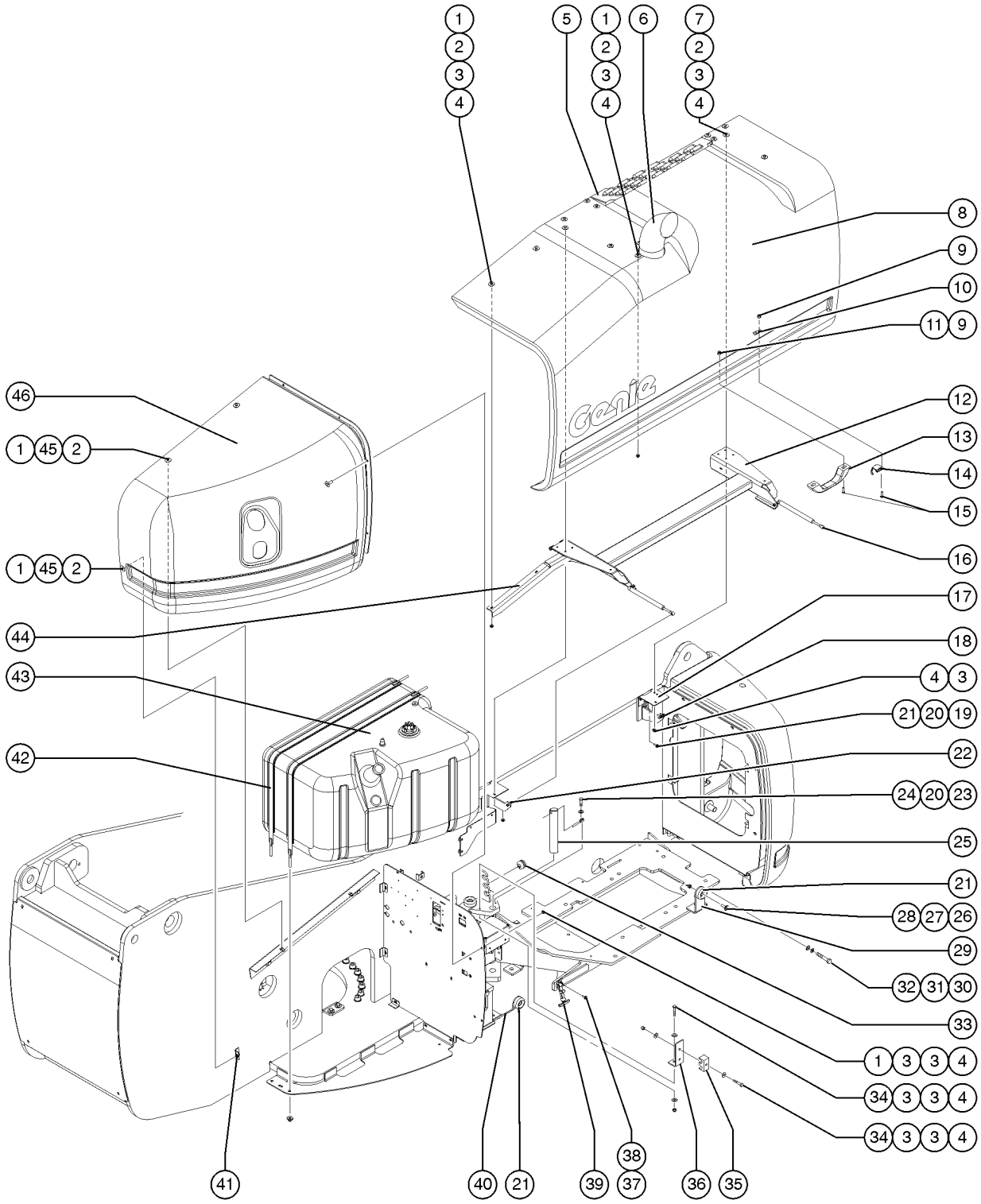
Item	Part No.	Description	Qty.
1	6888GT	SCREW, HHC, 1/4-20 X 1	
2	12906GT	WASHER,FENDER,.25 X 1.25 X.062	
3	106871GT	COVER ASSY W/WRD DEC,TANK SIDE USA, Canada, Australia; includes items 1, 2, 4, 21, 26 and 28	1
3-	106872GT	COVER ASSY W/SYM DEC,TANK SIDE Europe, Asia, South America; includes items 1, 2, 4, 21, 26 and 28	
3-		Ref. LATCH Keeper (refer to 302.1)	
4	6638GT	WASHER, FLAT, USS, 1/4"Y	
5	6356GT	WASHER, LOCK, .25	
6	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
7	60485GT	COVER,TURNTABLE,LEFT SIDE	1
8	106021PGT	FORMING,SWING COVER,TOP PAINTD	1
9	6175GT	SCREW,HHC,3/8-16 X 1	
10	6097GT	WASHER, FLAT, USS, 3/8", Y	
11	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	
12	106022PGT	FORMING,SWING COVER,LOWER PNTD	1
13	89539PGT	MOUNT,PANEL,PAINTED	1
14	60496-SGT	FORMING,INNER COVER	1
15	6096GT	SCREW,HHC,1/2-13 X 2 GR5	
16	6095GT	WASHER,FLAT,USS,1/2",Y	
17	6198GT	NUT, NYLOCK, 1/2-13	
18	45363GT	LATCH,FLEXIBLE	2
19	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	
20	6178GT	NUT, NYLOCK, 10-32	
21	6091GT	NUT,NYLOCK,1/4-20	
22	60655-SGT	STRUT SUPPORT,TANK SIDE	1
23	6090GT	SCREW, HHC, 1/4-20 X .75	
24	60509-SGT	FORMING,REAR COVER	1
25	60670-SGT	STRUT SUPPORT	1
26	60872GT	SUPPORT,COVER (61112,61117)	1

301.1 Tank Side Covers



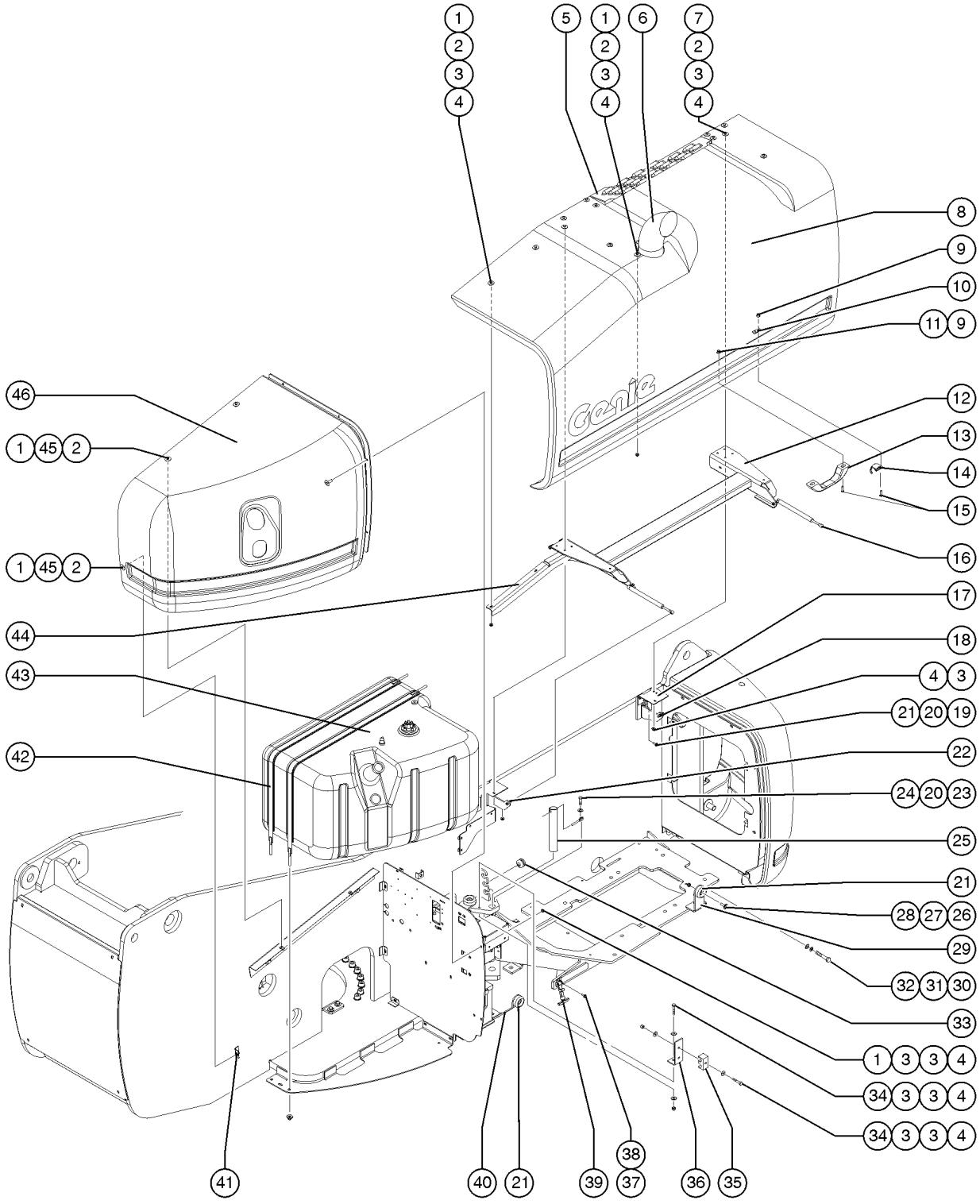
Item	Part No.	Description	Qty.
27	122272GT	GAS STRUT,202 LBS FORCE	
27B	33555GT	BALL STUD**	
28	60578GT	COVER SUPPORT,WELDMENT	1
29		Ref. Grab Handle (refer to 302.1)	
30	60966GT	COVER,TURNTABLE COVER ACCESS	1
30-	60964GT	LATCH,PANEL	
30-	5094GT	SCREW,RHM,10-32 X .5	
30-	6146GT	WASHER,FLAT,MS,#10,Y	
30-	6178GT	NUT, NYLOCK, 10-32	
30-	60893GT	HINGE,SWING CONTROL BOX	
31	34350GT	SCREW,HHC,1-8 X 6 GRD.5	
32	38859GT	WASHER,FLAT,USS,1",Y	
33	29764GT	NUT,NYLOCK,1-8	
34	101444GT	COUNTERWEIGHT,CAST,775 LBS LH	1
34-	101445GT	COUNTERWEIGHT,CAST,775 LBS RH	

302.1 Engine Side Covers



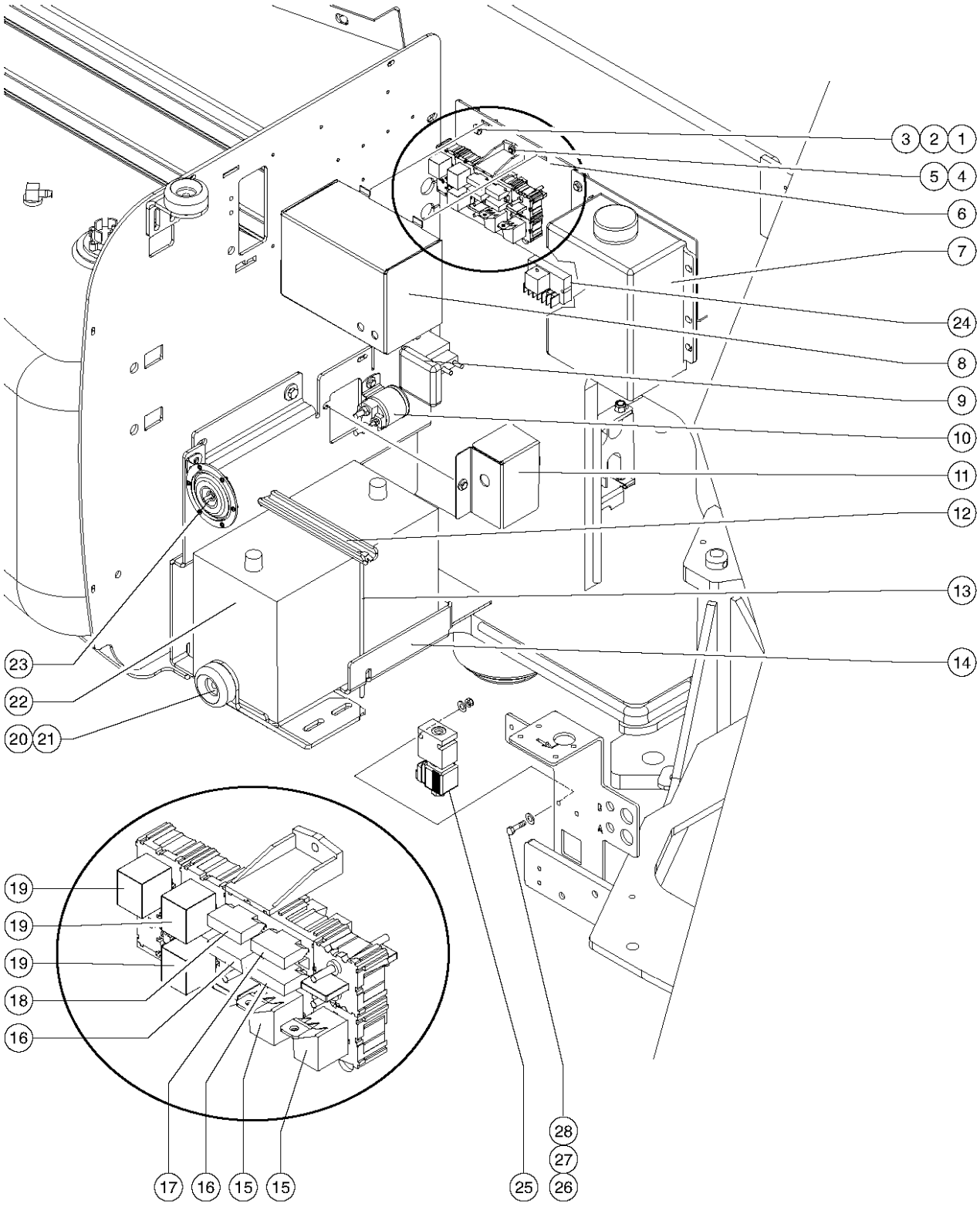
Item	Part No.	Description	Qty.
1	6888GT	SCREW, HHC, 1/4-20 X 1	
2	12906GT	WASHER,FENDER,.25 X 1.25 X.062	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	6091GT	NUT,NYLOCK,1/4-20	
5	60595-SGT	SUPPORT,ENGINE COVER GRAY	1
6	101964GT	WELDMENT,EXHAUST TUBE	1
7	8915GT	SCREW, HHC, 1/4-20 X 1.25	
8	106881GT	COVER ASSY W/WRD DEC,ENG SIDE USA, Canada, Australia; includes items 1-7, 9-15, and 44	1
8-	106882GT	COVER ASSY W/SYM DEC,ENG SIDE Europe, Asia, South America; includes items 1-7, 9-15 and 22	
9	6178GT	NUT, NYLOCK, 10-32	
10	50790GT	PLATE,COVER LATCH BACKING	2
11	6146GT	WASHER,FLAT,MS,#10,Y	
12	60578GT	COVER SUPPORT,WELDMENT	1
13	60884GT	HANDLE,GRAB	1
14	75076GT	KEEPER,LATCH (45363)	2
15	6606GT	SCREW,RHM,10-32 X .75	
16	122272GT	GAS STRUT,202 LBS FORCE order item 18 separately	
17	75073GT	HINGE,.375X.120THK.,SLOTTED	2
18	33555GT	BALL STUD**	
19	8255GT	SCREW,HHC,3/8-16 X .75	
20	6021GT	WASHER, LOCK, .375	
21	50974GT	BUMPER,RUBBER,COVERS	3
22	75411GT	FORMING,GAS STRUT MOUNT,REAR**	1
22-	75410GT	FORMING,GAS STRUT MOUNT,FRNT**	
23	8516GT	SCREW, HCC, 3/8-16 X 1.50	
24	825019GT	ROD END, .375X3.69, ZAG	1
25	60625GT	PIN,1.25DIAX15.63LG,CHAMFER used on engine tray	1
26	6175GT	SCREW,HHC,3/8-16 X 1	

302.1 Engine Side Covers



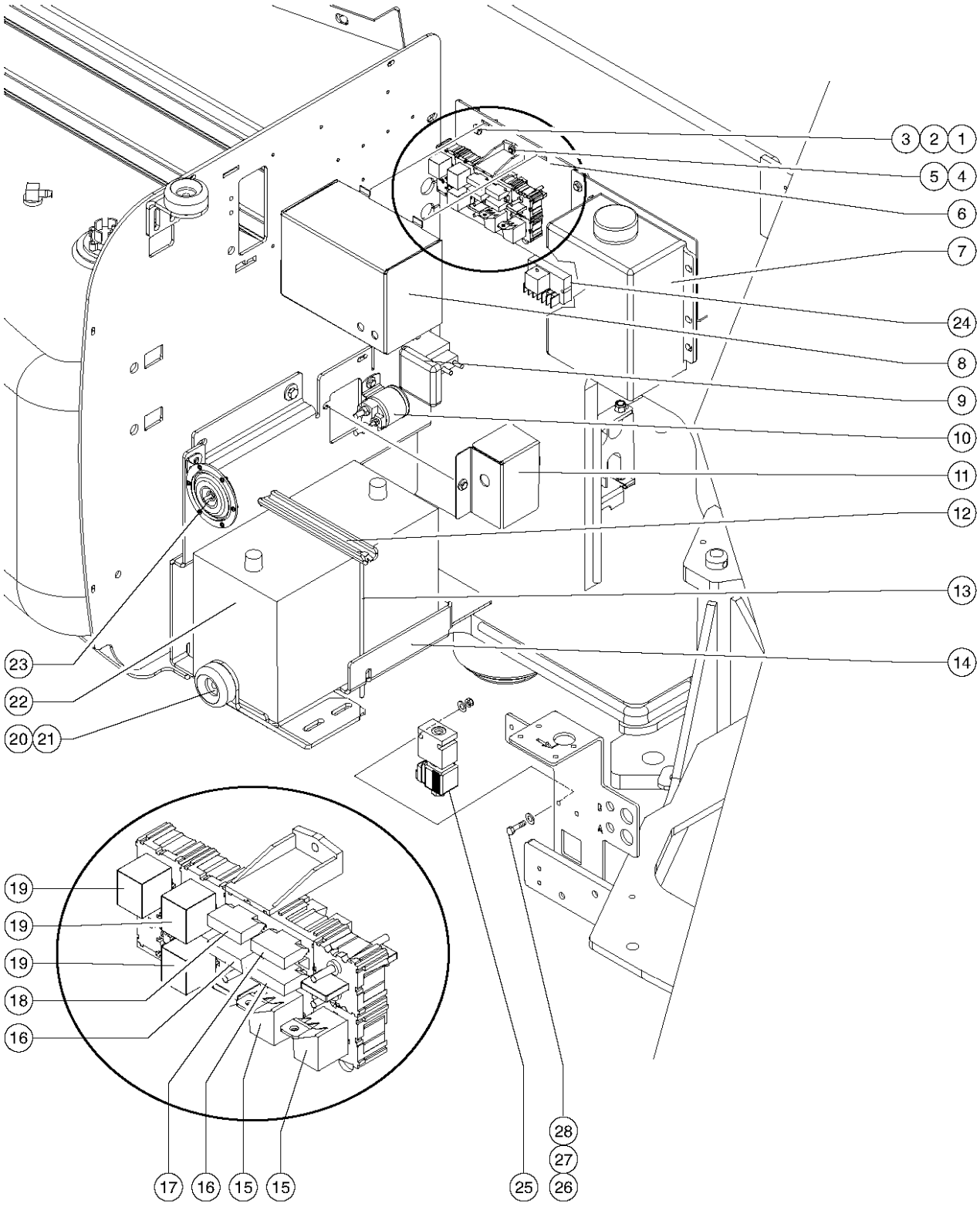
Item	Part No.	Description	Qty.
27	6097GT	WASHER, FLAT, USS, 3/8", Y	
28	4828GT	NUT, NYLOCK, 3/8-16	
29	60778-SGT	FORMING,COVER STOP Deutz and Perkins models	1
30	51131GT	SCREW,HHC,5/8-11 X 2.5	
31	6036GT	WASHER,LOCK,.625 PLTD	
32	6035GT	WASHER,FLAT,USS,5/8",Y	
33	61189GT	GROMMET,RUBBER .75 X .38 X1.13	
34	6145GT	SCREW, HHC, 1/4-20 X 1.5	
35	70289GT	CLAMP,LINK,LH WELD WIRE	1
36	70535PGT	BRACKET,BATTERY CABLE PAINTED	1
37	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	
38	6178GT	NUT, NYLOCK, 10-32	
39	45363GT	LATCH,FLEXIBLE	2
40	60727GT	FORMING,COVER STOP***	1
41	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
42	60938GT	STRAP ASSY,FUEL TANK 52"	2
42-	31658GT	EXTRUSION,RUBBER BUMPER STRIP	100 inches
43	1272872GT	ASSEMBLY, FUEL TANK, 40 GAL	1
43-	101726GT	CAP,FUEL,DIESEL,1/8"VENT(GRN) no longer available, (replaced by 1316635)	1
43-	1316635GT	CAP, FUEL, DIESEL, 0.08 IN HOLE (BLACK)	1
43-		TUBE ASSY,FUEL TANK,20.75"LG no longer available	
43-	60890GT	SENDER,LOW FUEL INDICATOR	
44	60872GT	SUPPORT,COVER (61112,61117)	1
45	6356GT	WASHER, LOCK, .25	
46	50082GT	COVER,TURNTABLE,RIGHT SIDE	1

303.1 Engine Compartment Components



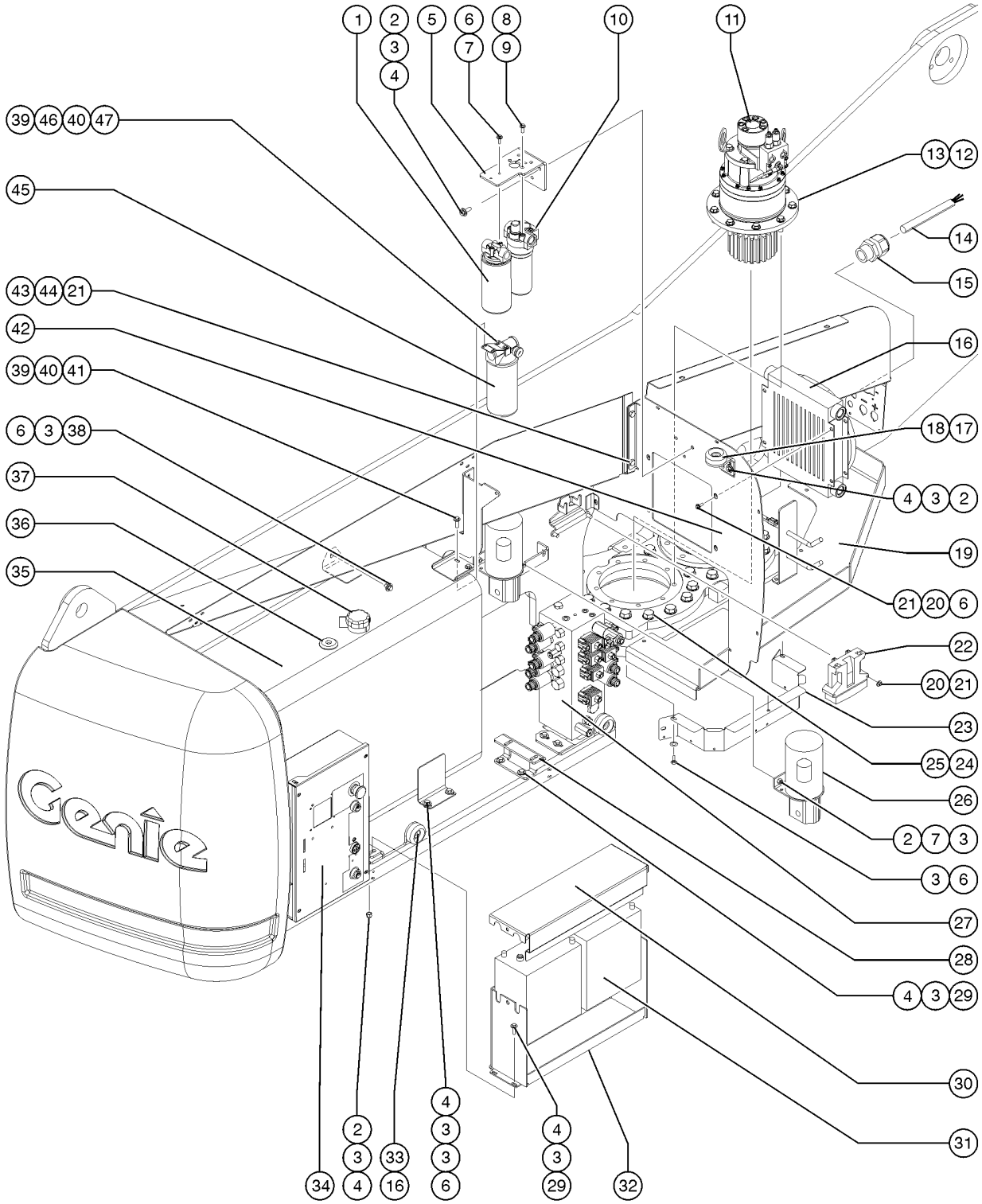
Item	Part No.	Description	Qty.
1	71508GT	SCREW, HHC, 3/8-16X .50 GR5 (YELLOW ZINC)	
2	6097GT	WASHER, FLAT, USS, 3/8", Y	
3	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	
4	17650GT	10-32 X .5 FILLISTER HD.SCREW	
5	6178GT	NUT, NYLOCK, 10-32	
6	107525PGT	PLATE,RELAY MOUNT	1
7	60721GT	COOLANT,RECOVERY BOTTLE, 4 QT* Cummins and Perkins models	1
8	88266GT	COVER,RELAY	1
9	237068GT	SEPARATOR,DUAL BATTERY,100A	1
9-	214393GT	KIT, BATT SEPARATOR, ANSI/CSA includes part 237068	
9-	215209GT	KIT, BATT SEPARATOR, CE includes part 237068	
9-	215210GT	KIT, BATT SEPARATOR, AS includes part 237068	
10	53967GT	SOLENOID,12V CONTINOUS Cummins models	1
11	107543GT	FORMING,FUSE COVER Cummins models	1
12	60940GT	HOLD DOWN,BATTERY,SMALL	1
13	45708GT	HOOK,BATT HOLD DOWN,10"	1
14	107512PGT	BATTERY TRAY FORMING,PAINTED	1
15	61225GT	RELAY,12VDC,70AMP,SEALED Perkins and Deutz models	2
15-	61225GT	RELAY,12VDC,70AMP,SEALED Cummins models	1
16	60536GT	FUSE,20 AMP,MAXI	2
17	94327GT	FUSE,30 AMP	1
18	101340GT	FUSE,60 AMP,MAXI Perkins and Deutz models	1
19	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN**	3
20	50974GT	BUMPER,RUBBER,COVERS	3
21	60727GT	FORMING,COVER STOP***	2
22	1303581GT	BATTERY, 12V, 950CCA, FLA	1
23	81578GT	HORN,12VDC,SPADE TERMINALS***	1
24	89997GT	RELAY MODULE(89996,89998)	1

303.1 Engine Compartment Components



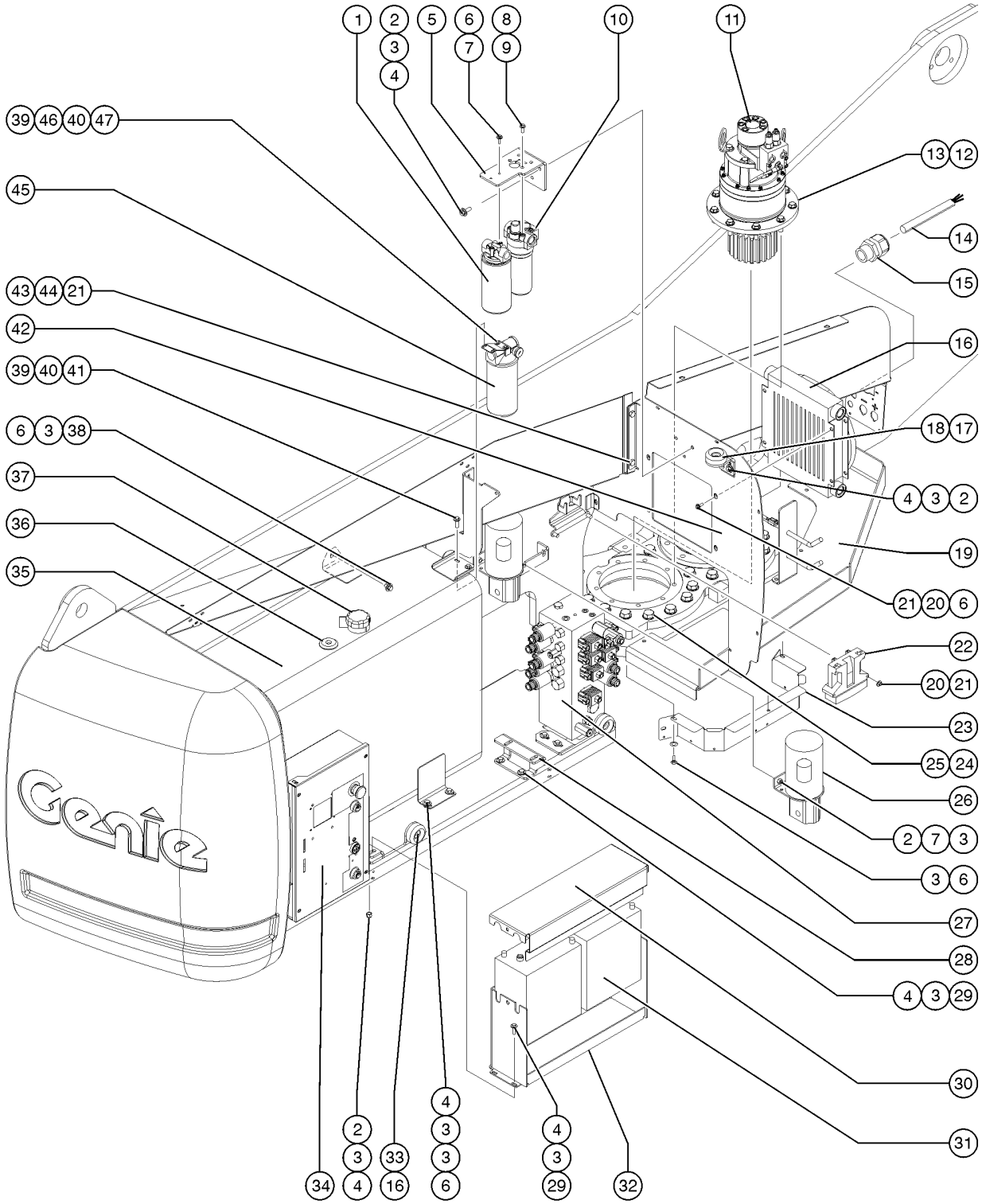
Item	*Part No.*	*Description*	*Qty.*
25		Ref. Function Enable Manifold (refer to 707.1)	
26	4266GT	SCREW,HHC,1/4-20 X 2	
27	6638GT	WASHER, FLAT, USS, 1/4"Y	
28	6091GT	NUT,NYLOCK,1/4-20	

304.1 Hydraulic Tank Side Components



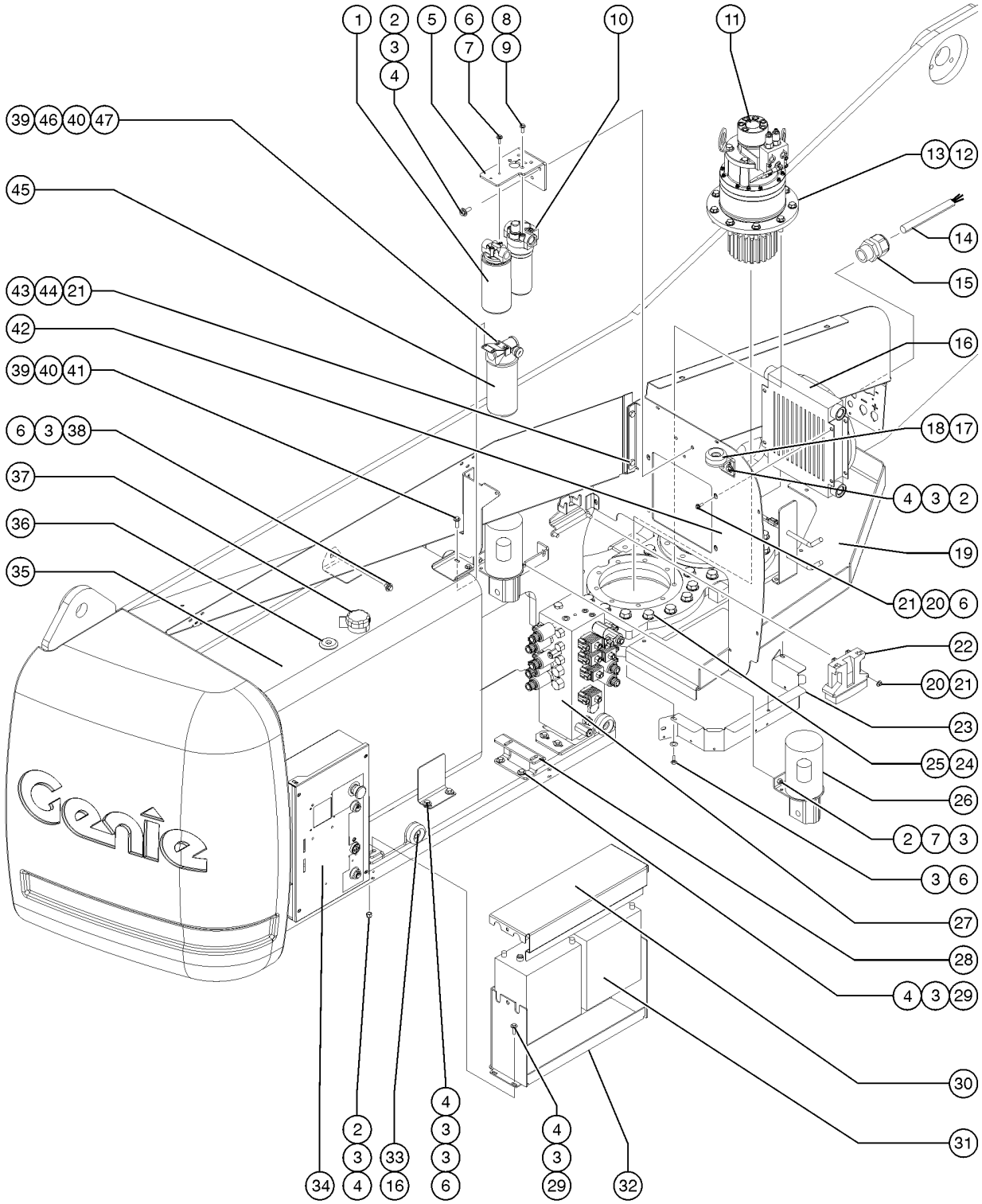
Item	Part No.	Description	Qty.
1	87070GT	FILTER ASSY,SAE 12 NO INDICAT*	1
1-	131323GT	FILTER ELEMENT,10 MICRON Genie genuine part	
1-	1259055GT	FILTER ELEMENT, 10 MICRON Genie aftermarket	
2	6175GT	SCREW,HHC,3/8-16 X 1	
3	6097GT	WASHER, FLAT, USS, 3/8", Y	
4	4828GT	NUT, NYLOCK, 3/8-16	
5	70516PGT	BRKT,MED & RETURN FILTER,PTD	1
6	8255GT	SCREW,HHC,3/8-16 X .75	
7	6021GT	WASHER, LOCK, .375	
8	6090GT	SCREW, HHC, 1/4-20 X .75	
9	6356GT	WASHER, LOCK, .25	
10	60334GT	FILTER ASSY,HIGH PRESS SAE-12*	1
10-	60857GT	FILTER,ELEMENT,BETA(5)=1000	
10-	58222GT	O-RING,FILTER ASSY (60334)***	
10-	58223GT	SEAL,FILTER ASSY (60334)***	
11A	1255768GT	SWING DRIVE ASSEMBLY (Complete) swing drive 1255768 can be installed as a direct replacement of previous swing drives 139189 or 88921	
11A-	1315824GT	BEARING/SEAL KIT (1255768)	
11A-	139308GT	SWING MOTOR COMPLETE*** (Used on swing drive 1255768)	
11A-	139309GT	CBV ASSEMBLY*** (Used on swing drive 1255768)	
11A-	139323GT	VALVE,COUNTERBAL,CBCA-LIN*** (Used on swing drive 1255768)	
11A-	139315GT	O-RING,MOTOR/BRAKE*** (Used on swing drive 1255768)	
11A-	58304GT	SHAFT,OUTPUT (Used on swing drive 1255768)	
11A-	1255769GT	SEAL KIT, SWING BRAKE (Used on swing drive 1255768)	
11A-	1255770GT	KIT, FRICTION DISC (Used on swing drive 1255768)	
11A-	1255771GT	KIT, BRAKE SPRING (Used on swing drive 1255768)	
11A-	1255772GT	KIT, SWING BRAKE REBUILD (Used on swing drive 1255768)	
11A-	1255773GT	BRAKE TUBING (Used on swing drive 1255768)	
11A-	41489GT	SCREW,SHC,5/16-18 X 2,PLATED manifold to motor,	

304.1 Hydraulic Tank Side Components



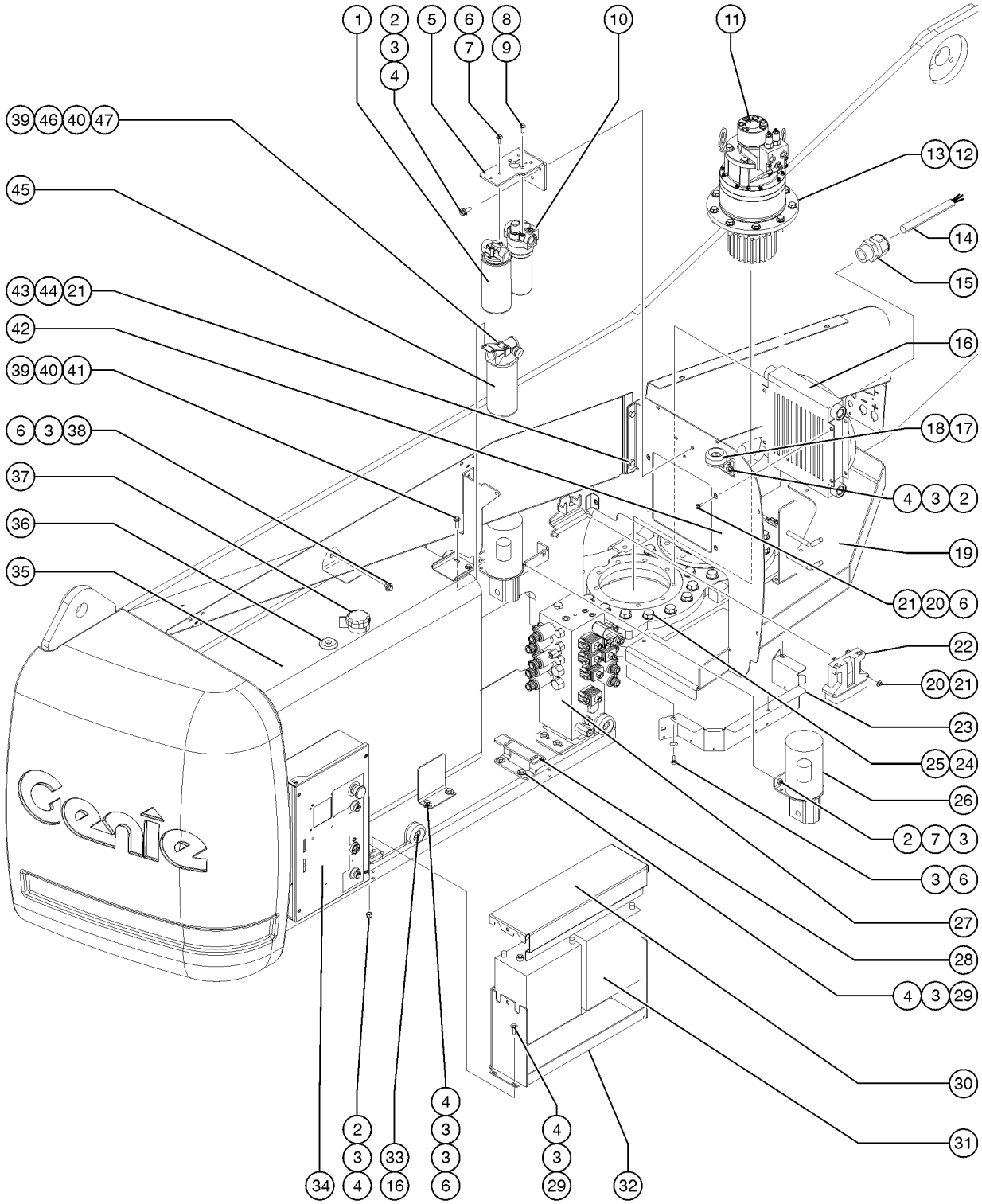
Item	Part No.	Description	Qty.
11A-	6886GT	WASHER,LOCK,.313 manifold to motor	
11B		Ref. SWING DRIVE ASSEMBLY Previous SWING DRIVE ASSEMBLY 139189 is no longer available, order complete assembly 1255768 for first time replacement; from SN 1140	
11B-	139308GT	SWING MOTOR COMPLETE*** use with swing drive 139189; from SN 1140	
11B-	139309GT	CBV ASSEMBLY*** use with swing drive 139189; from SN 1140	
11B-	139323GT	VALVE,COUNTERBAL,CBCA-LIN*** use with swing drive 139189; from SN 1140	
11B-	139315GT	O-RING,MOTOR/BRAKE*** use with swing drive 139189; from SN 1140	
11B-	58304GT	SHAFT,OUTPUT use with swing drive 139189; from SN 1140	
11B-	139310GT	BRAKE TUBING*** use with swing drive 139189; from SN 1140	
11B-	139311GT	KIT,FRICTION DISC*** use with swing drive 139189; from SN 1140	
11B-	139312GT	KIT,BRAKE SPRING*** use with swing drive 139189; from SN 1140	
11B-	139313GT	SEAL KIT,SWING BRAKE*** use with swing drive 139189; from SN 1140	
11B-	139314GT	KIT,SWING BRAKE REBUILD*** use with swing drive 139189; from SN 1140	
11B-	94620GT	SEAL KIT,SWING TORQ HUB*** use with swing drive 139189; from SN 1140	
11B-	58596GT	BEARING KIT,OUTER (88921) use with swing drive 139189; from SN 1140	
11B-	58597GT	BEARING KIT,INNER (88921) use with swing drive 139189; from SN 1140	
11B-	83124GT	DRAIN PLUG use with swing drive 139189; from SN 1140	
11B-	21148GT	WASHER,THRUST,TORQUE HUB use with swing drive 139189; from SN 1140	
11B-	29290GT	SEAL KIT,FAIRFIELD (S1A2)*** does not include thrust washer part 21148 (used on swing drive 139189); from SN 1140	
11B-	41489GT	SCREW,SHC,5/16-18 X 2,PLATED manifold to motor,	
11B-	6886GT	WASHER,LOCK,.313 manifold to motor	
11C		Ref. SWING DRIVE ASSEMBLY Previous SWING DRIVE ASSEMBLY 88921 is no longer available, order complete assembly 1255768 for first time replacement; to SN 1139	
11C-	58387GT	O-RING,MOTOR/BRAKE (88921)*** use with swing drive 88921; to SN 1139	
11C-	58596GT	BEARING KIT,OUTER (88921) use with swing drive 88921; to SN 1139	
11C-	58597GT	BEARING KIT,INNER (88921) use with swing drive 88921; to SN 1139	
11C-	94622GT	BRAKE PORT HARDLINE use with swing drive 88921; to SN 1139	
11C-	94623GT	KIT,FRICTION DISC use with swing drive 88921; to SN 1139	
11C-	94624GT	KIT,BRAKE SPRING use with swing drive 88921; to SN 1139	

304.1 Hydraulic Tank Side Components



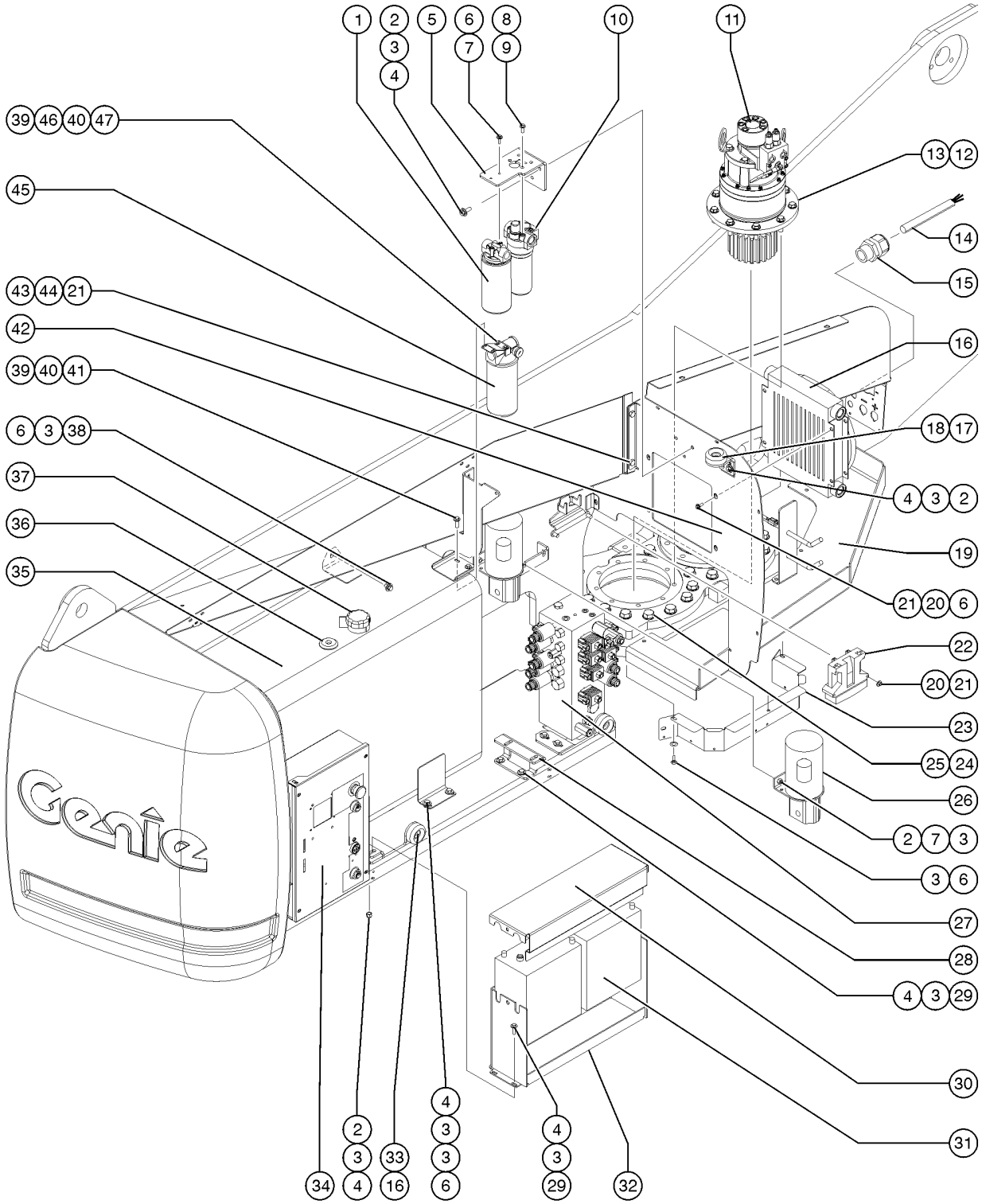
Item	Part No.	Description	Qty.
11C-	94625GT	SEAL KIT,SWING BRAKE use with swing drive 88921; to SN 1139	
11C-	94626GT	KIT,SWING BRAKE REBUILD use with swing drive 88921; to SN 1139	
11C-	94621GT	SWING MOTOR,COMPLETE*** use with swing drive 88921; to SN 1139	
11C-	65616GT	SEAL KIT PWR WHL MOTOR use with swing motor 94621 on swing drive 88921; to SN 1139	
11C-	29290GT	SEAL KIT,FAIRFIELD (S1A2)*** does not include thrust washer part 21148 (used with swing drive 88921); to SN 1139	
11C-	21148GT	WASHER,THRUST,TORQUE HUB use with swing drive 88921; to SN 1139	
11C-	81366GT	MANIFOLD,SWING CB & BRAKE use with swing drive 88921; to SN 1139	
11C-	83009GT	VALVE,COUNTERBALANCE(81366)*** use with swing drive 88921; to SN 1139	
11C-	45483GT	VALVE,SHUTTLE*** use with swing drive 88921; to SN 1139	
11C-	41489GT	SCREW,SHC,5/16-18 X 2,PLATED manifold to motor,	
11C-	6886GT	WASHER,LOCK,.313 manifold to motor	
12	54177GT	SCREW,HHC,1/2-13 X 1.5 GRD 8	18
13	13066GT	WASHER,FLAT,.5 HARDENED	18
14		Ref. Power to Platform Harness, Secondary (refer to section 308.1)	1
15	7057GT	CONN. SQZ,1/2NPT .39-.56 MED.	1
16	71259GT	OIL COOLER W/FAN, 12VDC	1
16-	75854GT	FAN - VENTED	
16-	75855GT	THERMOSTAT -OIL COOLER (71259)	
17	50974GT	BUMPER,RUBBER,COVERS	3
18	60729PGT	FORMING,COVER STOP**	1
19	106020PGT	FORMING,HOSE TRAY,SWING PAINTD	1
20	6638GT	WASHER, FLAT, USS, 1/4"Y	
21	6091GT	NUT,NYLOCK,1/4-20	
22	139647-SGT	MODULE,SCON,V2.00,SERVICE to SN 1711, machine needs to be recalibrated after installing a new module	1
22-	1258463GT	MODULE,SCON,PROGRAMMED from SN 1712, machine needs to be recalibrated after installing a new module	
23	106171GT	FORMING,PINION GUARD	1
24	88212GT	SCREW,SHC,3/4-10 X 3.00,A574	16
25	33278GT	WASHER, FLAT, .75 HARDENED	16

304.1 Hydraulic Tank Side Components



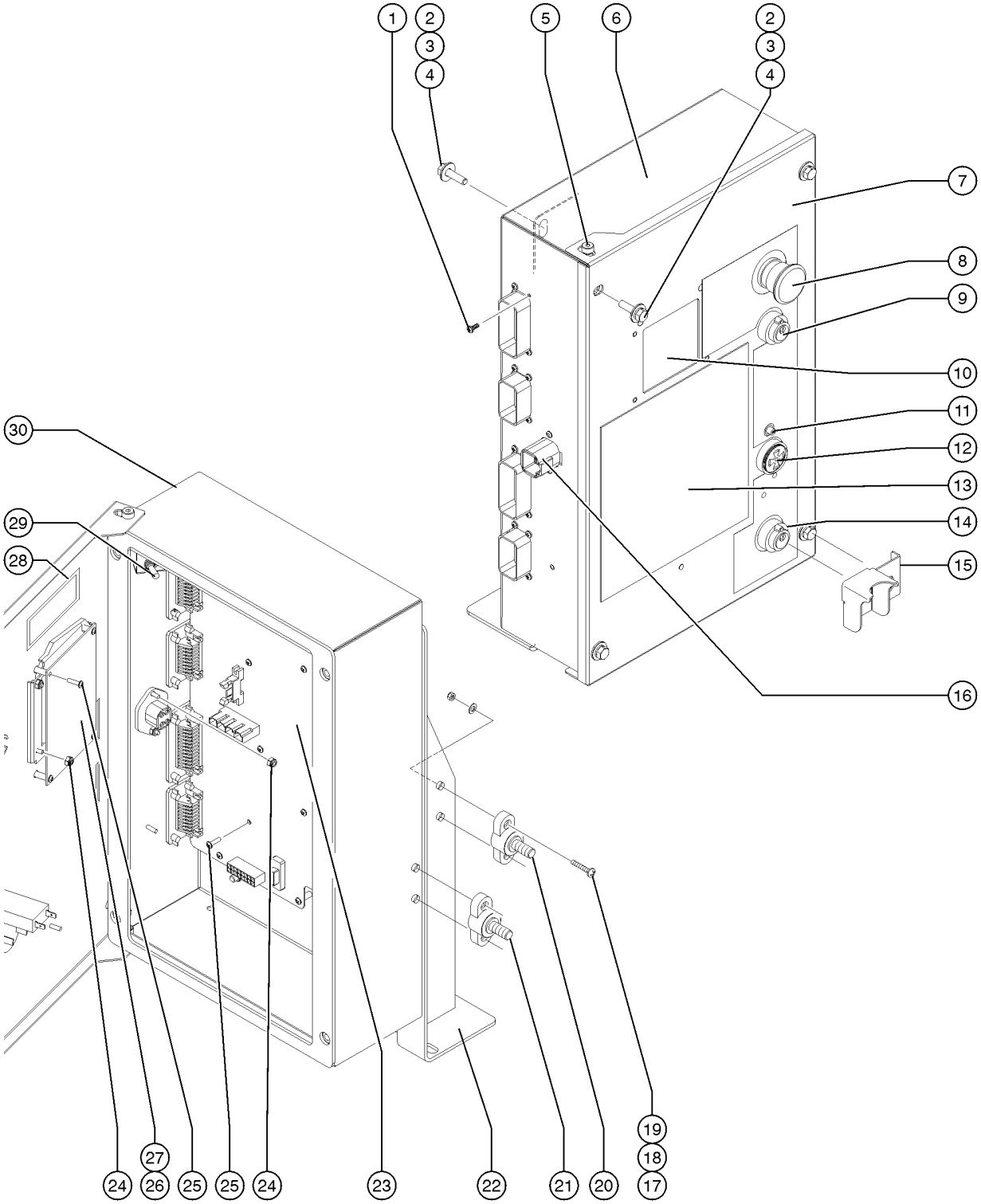
Item	Part No.	Description	Qty.
26	101361GT	POWER UNIT,AUX PUMP 12 VDC	2
26-	58489GT	PUMP ASSY,AUX.POWER UNIT 89617	
26-	62412GT	SOLENOID,MOTOR START,60511,APU	
26-	101682GT	CABLE ASSY NEG 2GA BLACK AUX#1	31-inches
26-	101683GT	CABLE ASSY NEG 2GA BLACK AUX#2	34-inches
26-	101180GT	CABLE ASSY,GND,BAT1 TO BAT2	
26-	101181GT	BATTERY CABLE,2GA RED,AUX	162-inches
26-	101182GT	BATTERY CABLE 2GA RED AUX#2	63-inches
26-	101185GT	CABLE ASSY,AUX BATT JUMPER,RED	5-inches
27		Ref. Function Manifold (refer to 705 or 706)	
28	107511GT	FORMING,BATTERY BOX,MOUNT	2
29	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
30	107510PGT	COVER,BATTERY BOX***	1
30-	36424GT	THUMB SCREW W/SHOULDER 3/8-16	2
31	56462GT	BATTERY, J 305GH, 315AH	2
31-	57162GT	BATTERY TERMINAL PROTECTORS	6
32	107509GT	WELDMENT,BATTERY BOX	1
32-	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	2
33	60727GT	FORMING,COVER STOP***	2
34		Ref. Ground Controls (refer to 305.1)	
35	101483GT	TANK,HYDRAULIC,65 GALLON	1
35-	94612GT	PLUG,MAGNETIC,SAE-6***	
35-	21141GT	GAUGE-SIGHT,LHA-LGTB***	
36	60559GT	BREATHER,RESERVOIR 3 MICRON***	
37	75113GT	FILLER NECK/CAP ASSY.HYD TANK*	

304.1 Hydraulic Tank Side Components



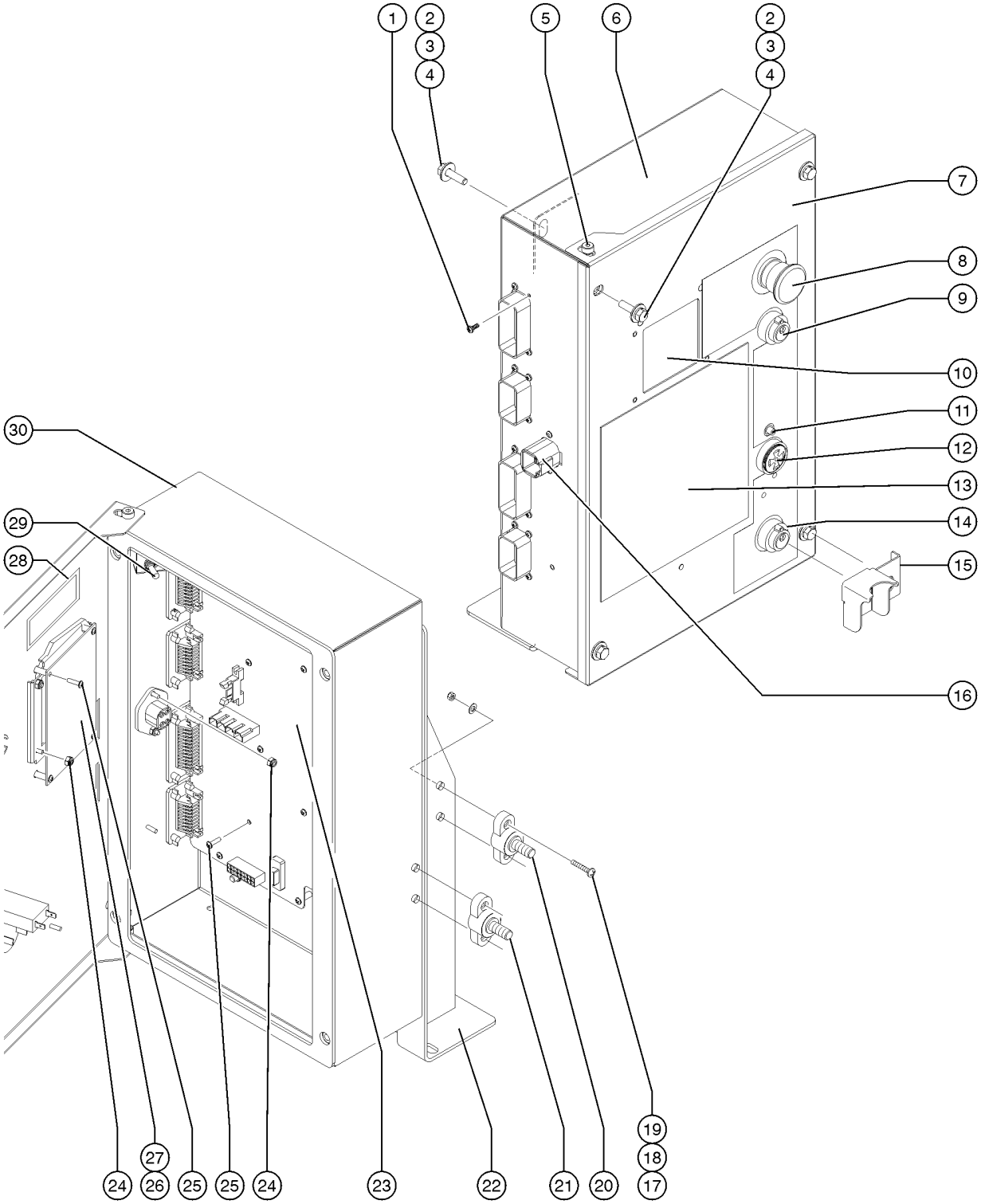
Item	Part No.	Description	Qty.
38	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	2
39	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
40	5397GT	WASHER, FLAT, USS, 5/16-18	
41	6782GT	NUT, NYLOCK, 5/16-18	
42	106037GT	FORMING,SWING CHASSIS BULKHEAD	
43	6888GT	SCREW, HHC, 1/4-20 X 1	
44	6638GT	WASHER, FLAT, USS, 1/4"Y	
45	101959GT	FILTER,RETURN,10 MICRON,PAPER	1
45-	101960GT	FILTER ELEMENT,10 MICRON Genie Genuine Part. See PN 1254825 for compatible aftermarket replacement.	
45-	1254825GT	FILTER ELEMENT,10 MICRON Genie Aftermarket Part. Compatible with Genie Genuine Part 101960.	1
45-	52768GT	GAUGE,MED.PRESSUR FILTER,50530	
45-	228824GT	FILTER,ELEMENT,BETA(10)=1000 use with hydraulic fluid fire resistant option	
46	6886GT	WASHER,LOCK,.313	
47	60936GT	BRACKET,RETURN FILTER to SN 320	1
47-	119171PGT	FORMING,RETURN FILTER,PAINTED from SN 321	

305.1 Ground controls



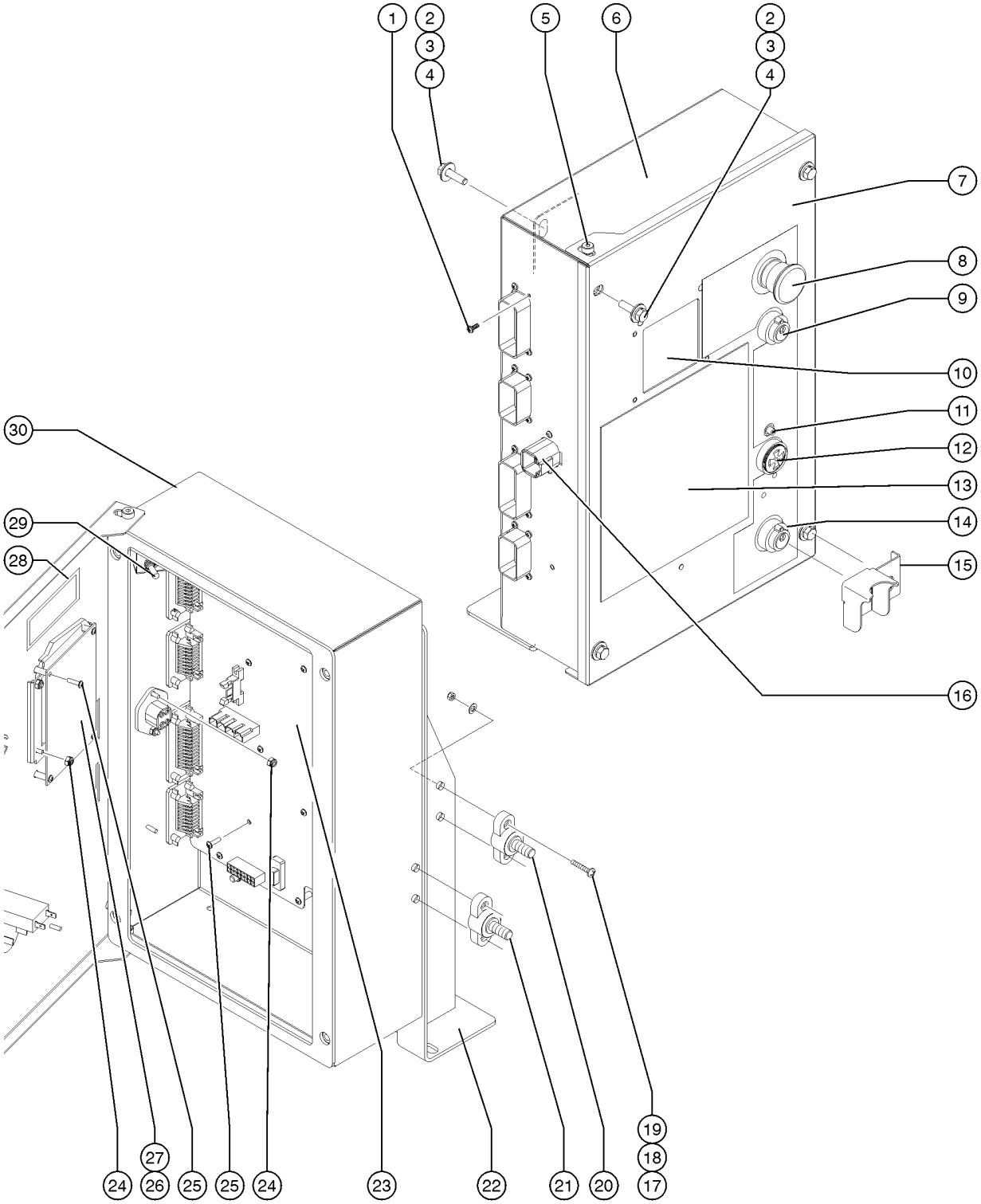
Item	Part No.	Description	Qty.
	T108692GT	ASSY,RESISTOR, P6R2	
	T108693GT	ASSY, RESISTOR, P7R/P6R1	
1	81551GT	SCREW,PHIL,PHM,6-32 X 1/4 SS	
2	6888GT	SCREW, HHC, 1/4-20 X 1	
3	6356GT	WASHER, LOCK, .25	
4	6638GT	WASHER, FLAT, USS, 1/4"Y	
5	88315GT	SCREW,SHS,1/4-20 X .25 ZINC SUPERSEDE; USE UNTIL EXHAUSTED	
5A	1263233GT	BOLT,SHS,5/16X.25X1/4-20,8,ZAG REPLACES 88315	
6	106512GT	CONTROL BOX ASSY,TCON does not include item 22; to SN 1711, to order provice model, serial number, and software revision	1
6-	237069GT	ASSY,CONTROL BOX,TCON,Z135 does not include item 22; from SN 1712, to order provide model, serial number, and software revision	
7	107714GT	GBOX LID W/DECAL,Z135 includes item 13	1
8	122519GT	KIT,ESTOP SVC LARGE BOOM	1
8-	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
8-	66817GT	E-STOP W/ NC CONTACT	
8-	66818GT	CONTACT,NC	
8-	146478GT	BOOT(BELLOWS),E-STOP,BLACK	
9	122515GT	KIT,KEYSWITCH SVC LARGE BOOM	1
9-	66811GT	KEYSWITCH,3POS.MNTND.DR WKEY** includes keyswitch and two keys, not included: base or contacts.	1
9-	66821GT	BASE,WITHOUT CONTACTS	1
9-	66816GT	CONTACT,N.O.***	5
9-	122367GT	KEYSWITCH,DUMMY BLOCK	1
9-	122366GT	KEYSWITCH,CONTACTS LOCK	
9-	83093GT	KEY SINGLE***	
10	62374GT	LENS,LCD,GRND.CONTROL	1
11	147095GT	ASSY, CIRCUIT BREAKER 20A	1
12	62379GT	ALARM,AUDIO,SUPERBOOM*	1
12-	72326GT	NUT - PLASTIC, RING FOR ALARMS	

305.1 Ground controls



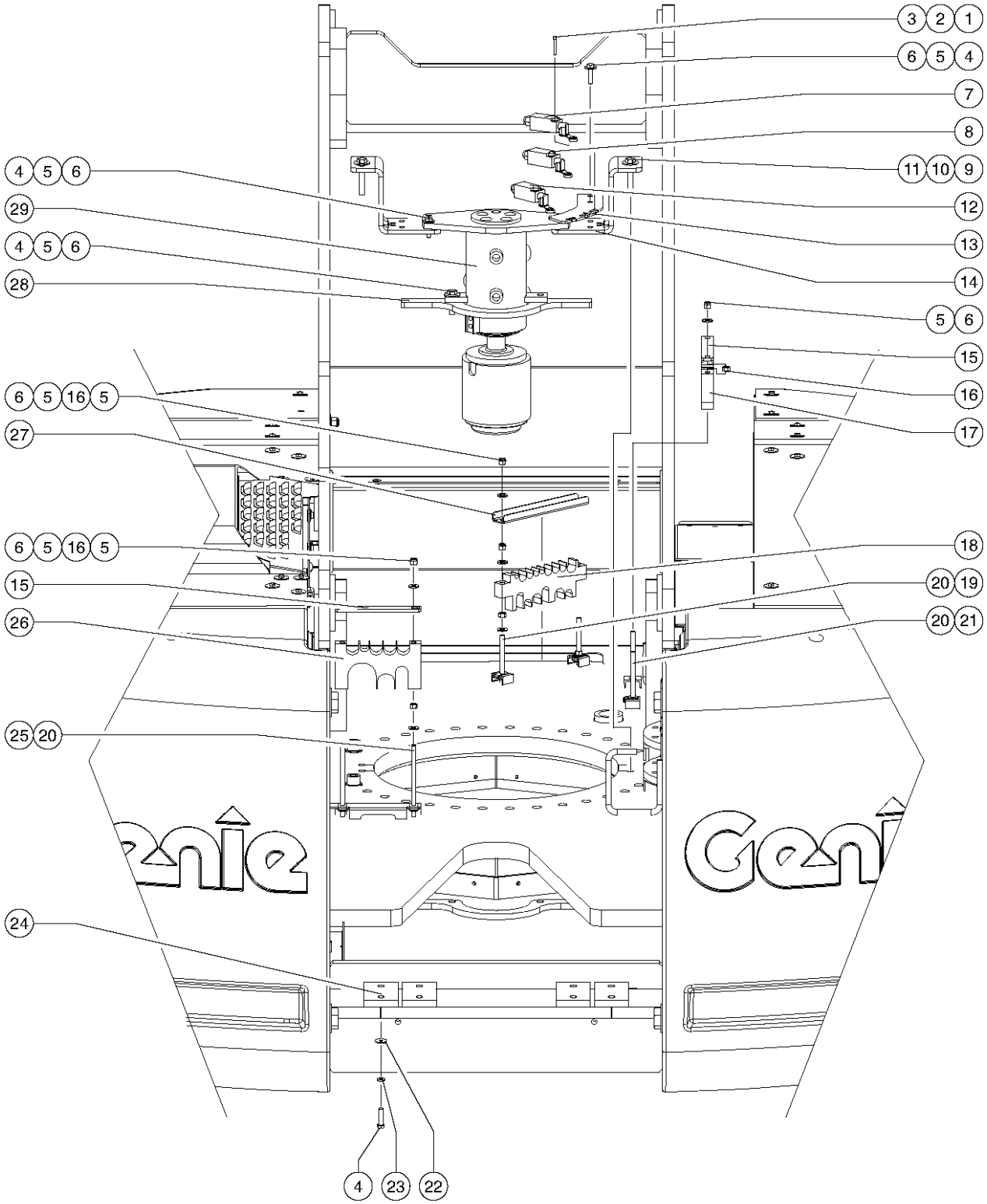
Item	Part No.	Description	Qty.
13	106510GT	DECAL,MEMBRANE,GROUND CONTROL	1
14	122516GT	KIT,RECOVERY SVC LARGE BOOMS	1
14-	88150GT	KEYSWITCH,3 POS.MOM.DR,W/KEY**	1
14-	66821GT	BASE,WITHOUT CONTACTS	1
14-	66816GT	CONTACT,N.O.***	3
14-	66818GT	CONTACT,NC	3
14-	122366GT	KEYSWITCH,CONTACTS LOCK	1
15	215590GT	WELDMENT,KEYSWITCH COVER	
16	73717GT	CONN, RECEP, 4 WAY, DEUTSCH, DTP, FLANGE	1
17	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	
18	6146GT	WASHER,FLAT,MS,#10,Y	
19	6178GT	NUT, NYLOCK, 10-32	
20	94981GT	STUD,POWER 3/8" RED	1
21	94982GT	STANDOFF, 3/8" BLACK	1
22	60571-SGT	BRACKET,CNTL BOX MOUNTING***	1
23	217570GT	ASSY,SRV,PCB ASSY,ECM,GRD,V202 Machine model and serial number and software revision required when ordering. Please contact Genie Service Parts for assistance; to SN 1711	1
23-	1258461GT	PCB,ASSY,ECM,GROUND,PGMD Machine model and serial number and software revision required when ordering. Please contact Genie Service Parts for assistance; from SN 1712	
24	12344GT	NUT,NYLOCK,6-32	
25	49820GT	SCREW,PHILLIPS,PHM,6-32 X .5	
26	62375GT	CLIP,LCD,GRND.CONTROL	1
27	88056GT	PCB.ASSY,LCD,GROUND	1
27-	122258GT	FIELD KIT,LCD HEATER LCD heater option	
27-	122406GT	ASSEMBLY,LCD HEATER ALC1000 LCD heater option (transparent heater)	
27-	122792GT	ASSY,BRACKET,KS CONTACT BLOCK LCD heater option (includes thermostat switch item 122793)	
27-	122793GT	SWITCH,THERMOSTAT 60F OPEN LCD heater option	
28	82812GT	DECAL,LABEL,READ THE SERV MAN*	1
29	56457-SGT	SWITCH,TOGGLE,SPDT,2 POS MAINT	1

305.1 Ground controls



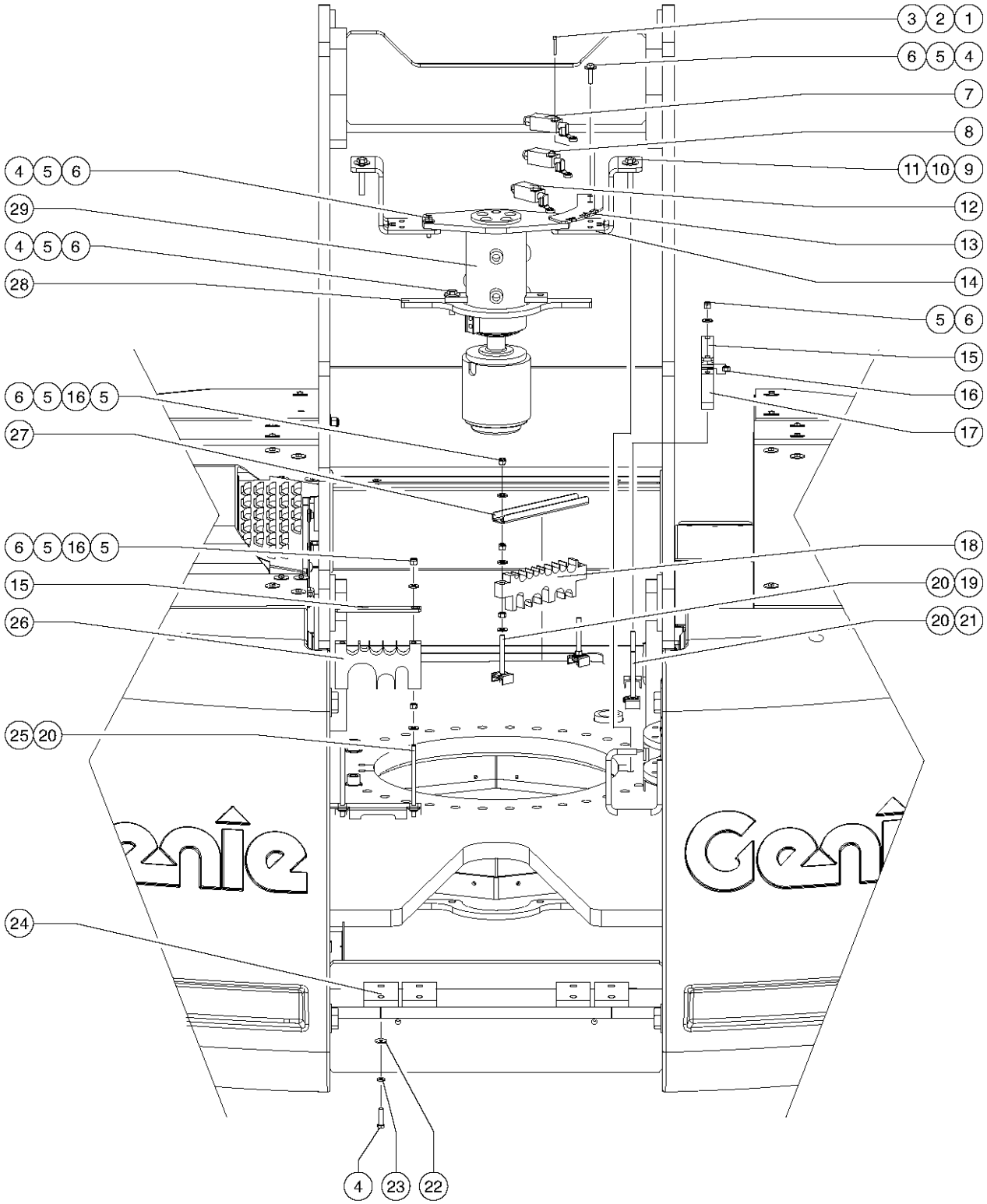
Item	*Part No.*	*Description*	*Qty.*
30	88177GT	GASKET,GROUND CONTROL BOX	1

306.1 Turntable Center Components



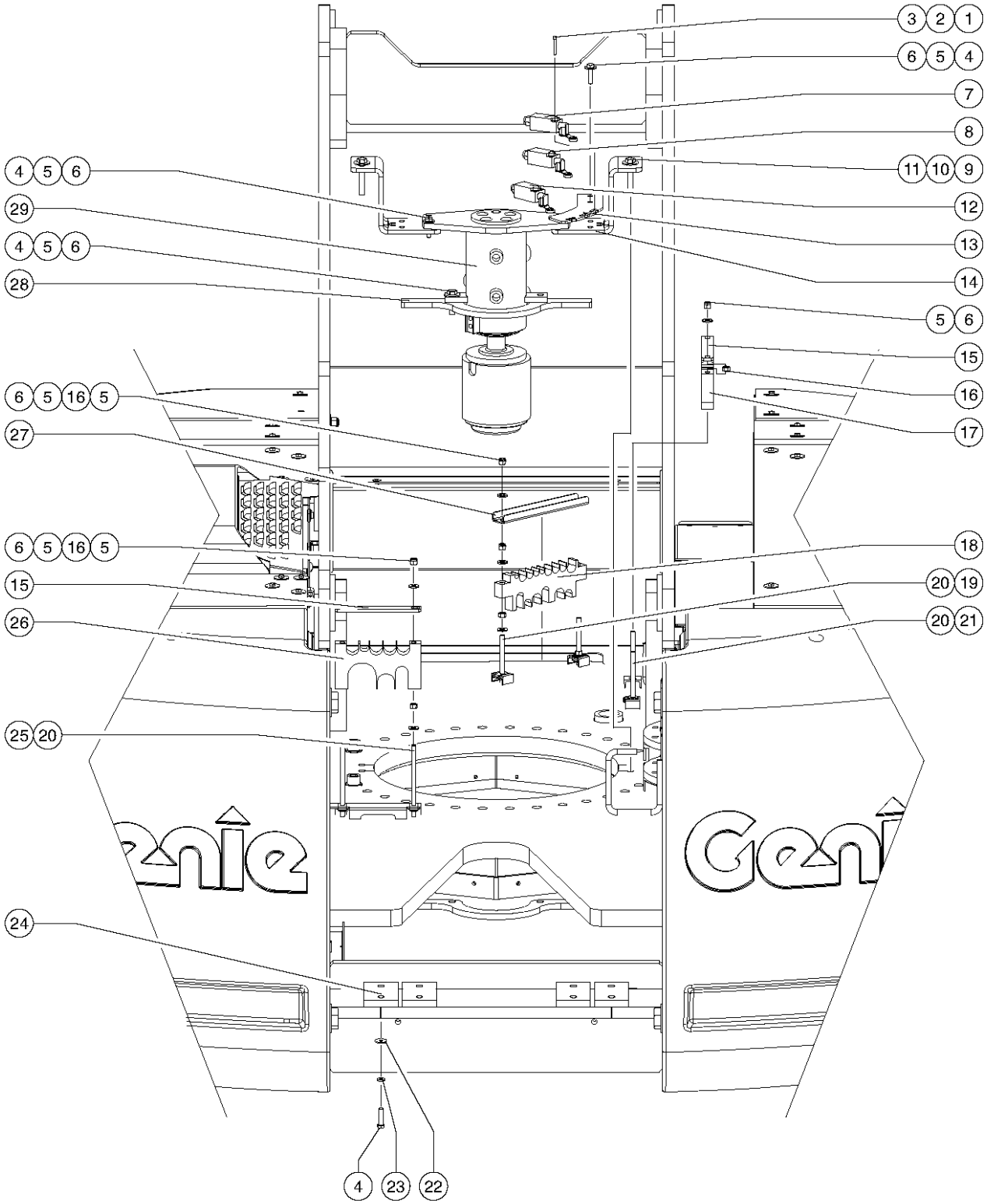
Item	Part No.	Description	Qty.
1	51063GT	SCREW,PHILLIPS,RHM,10-32 X 1.5	
2	6146GT	WASHER,FLAT,MS,#10,Y	
3	6178GT	NUT, NYLOCK, 10-32	
4	8516GT	SCREW, HCC, 3/8-16 X 1.50	
5	6097GT	WASHER, FLAT, USS, 3/8", Y	
6	4828GT	NUT, NYLOCK, 3/8-16	
7	110915GT	SWITCH ASSY,LIMIT LST10	1
7-	110771-43103GT	SWITCH LIMIT W/ROLLER NO/NC	
7-	43960GT	WIRE CABLE,16/4 CON.TPE JKT	79
7-	119065GT	CONN, RECEP, 2 WAY, DEUTSCH, DT	
7-	60439GT	CONN, RECEP, 2 WAY, DEUTSCH, DT, LOCK	
7-	73713GT	TERMINAL, PIN, DT, 14-18 AWG, NICKEL, 0.095-0.150 OD, DEUTSCH, STRIP	
8	110917GT	SWITCH ASSY,LIMIT LST1S	1
8-	110771-43103GT	SWITCH LIMIT W/ROLLER NO/NC	
8-	43960GT	WIRE CABLE,16/4 CON.TPE JKT	76
8-	119762GT	CONN PLUG 4 WAY EXTEND DT	
8-	60429GT	LOCK, PLUG 4WAY, 14-18GA	
8-	73713GT	TERMINAL, PIN, DT, 14-18 AWG, NICKEL, 0.095-0.150 OD, DEUTSCH, STRIP	
9	10598GT	SCREW,HHC,1/2-13 X 3	
10	6095GT	WASHER,FLAT,USS,1/2",Y	
11	6198GT	NUT, NYLOCK, 1/2-13	
12	110916GT	SWITCH ASSY,LIMIT LST1O	1
12-	110771-43103GT	SWITCH LIMIT W/ROLLER NO/NC	
12-	43960GT	WIRE CABLE,16/4 CON.TPE JKT	79
12-	119067GT	CONN, RECEP, 4 WAY, DEUTSCH, DT, ENDCAP	
12-	60443GT	LOCK, RECEP 4WAY, 14-18GA	
12-	73713GT	TERMINAL, PIN, DT, 14-18 AWG, NICKEL, 0.095-0.150 OD, DEUTSCH, STRIP	
13	217689GT	BRACKET, LS, DRIVE ROT.	1

306.1 Turntable Center Components



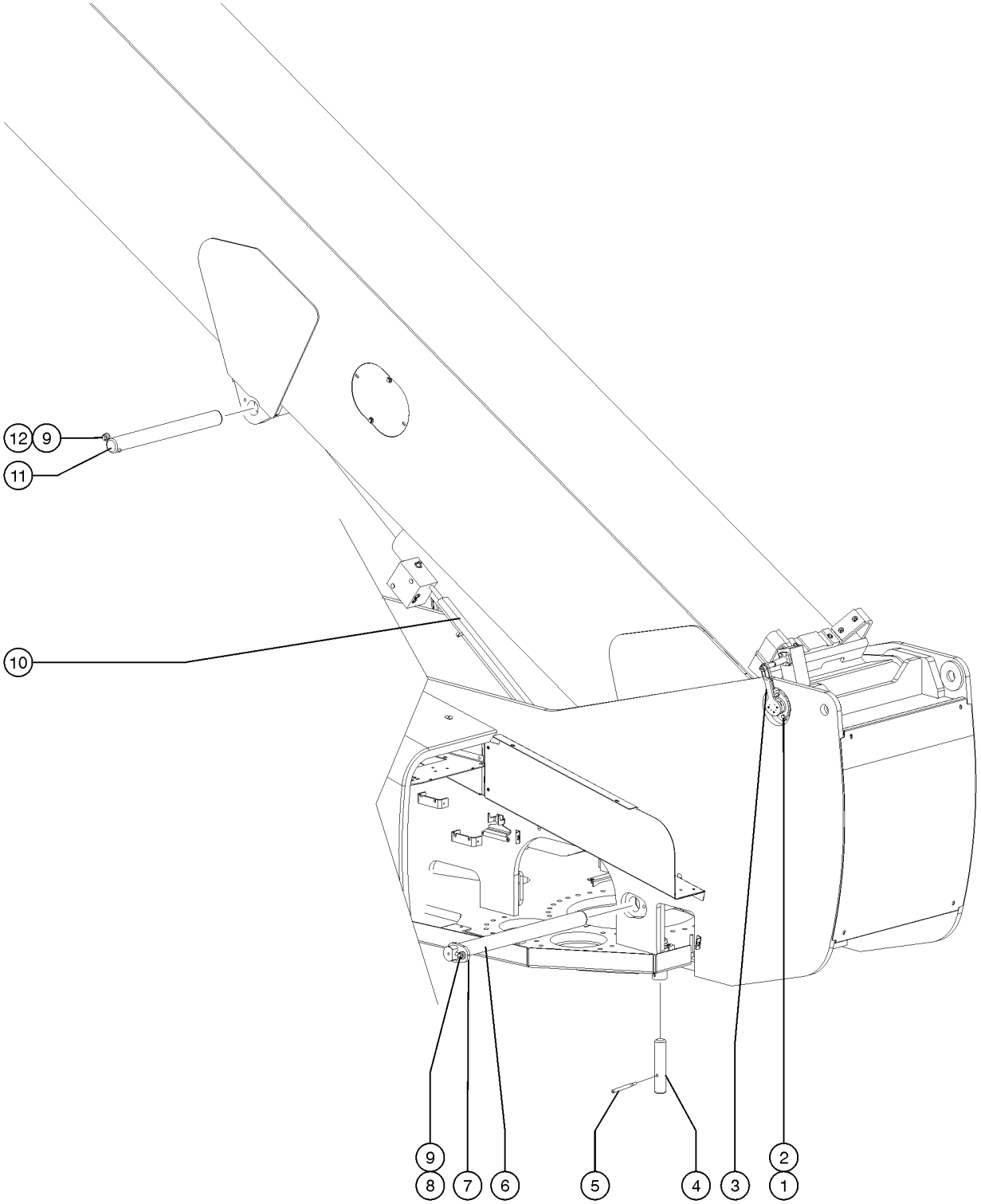
Item	Part No.	Description	Qty.
14	60575PGT	BRACKET,HYD.ROTATOR MOUNT MNT	2
15	106830GT	PLATE,HOSE CLAMP	2
16	4828GT	NUT, NYLOCK, 3/8-16	
17	106012GT	CLAMP,HOSE,TANK SIDE	1
18	106014GT	CLAMP,HOSE,ELEVATE	1
19	7684GT	THREADED ROD,(3/8-16),4.25"	
20	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	
21	31723GT	BRACKET,SEQ.CABLE -NOVON & TUV	
22	6097GT	WASHER, FLAT, USS, 3/8", Y	
23	6021GT	WASHER, LOCK, .375	
24	34124GT	WEAR PAD,5 X 3 X .625 W/NUTS	4
25	107755GT	THREADED ROD, 3/8-16,6.50 LG	
26	106013GT	CLAMP,HOSE,CENTER	1
27	106684PGT	FORMING,CLAMP HOLD DOWN PAINTD	1
28	106498GT	HYDRAULIC SWIVEL SUPPORT	1
29A	1253702GT	ASSY, HYD/ELEC 5 PORT/10 CONT (complete) previous swivels 122918, 89437 and 107533 are no longer available, for a complete replacement order swivel assembly 1253702	1
29A-	1253699GT	ASSY., HYDRAULIC SWIVEL, 5 POR part of swivel assemblies 1253702	
29A-	1276830GT	SEAL KIT,HYDRAULIC SWIVEL(1253699) for 1253699	
29A-	1253696GT	ASSY., ELECTRIC SWIVEL, 10 CON part of swivel assemblies 1253702	
29A-	1253698GT	MACHINED, SWIVEL ANTI-ROTATION part of swivel assemblies 1253702	
29A-	10107GT	SCREW,HHC,5/16-18 X .75 part of swivel assemblies 1253702	
29A-	1253709GT	SCREW,SHC,7/16-14X1.25,A574,YZ part of swivel assemblies 1253702	
29A-	1253697GT	MACHINED, SWIVEL MOUNTING part of swivel assemblies 1253702	
29B		previous swivels 122918, 89437 and 107533 are no longer available, for a complete replacement order swivel assembly 1253702	
29B-	122919GT	SWIVEL,ELECTRIC 10 CONTACT*** part of swivel assembly 122918	
29B-	75126GT	SWIVEL,HYDRAULIC,5 PORT part of swivel assemblies 89437 and 107533	
29B-	T106954GT	SEAL, O-RING LIP part of swivel assemblies 89437 and 107533	

306.1 Turntable Center Components



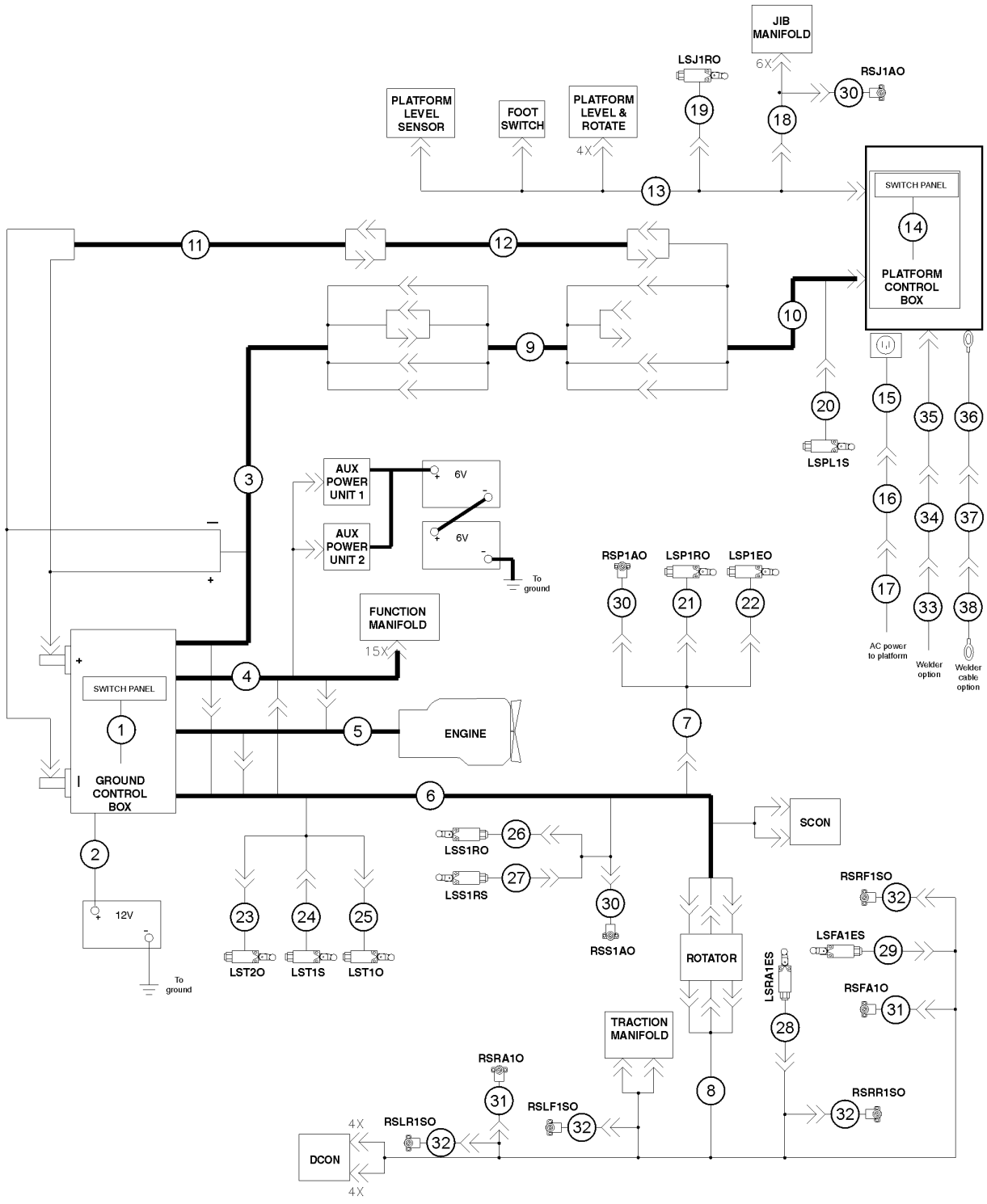
Item	Part No.	Description	Qty.
29B-	T106955GT	SEAL, POLY, CHAMFER part of swivel assemblies 89437 and 107533	
29B-	T106956GT	SEAL,O-RING,SQUARE part of swivel assemblies 89437 and 107533	
29B-	T106960GT	SEAL, CAP part of swivel assemblies 89437 and 107533	
29B-	75128GT	SPACER,SWIVEL MOUNT part of swivel assembly 89437	
29B-	102279GT	ROTATOR,ELECT,10 CONT*** part of swivel assemblies 89437 and 107533	
29B-	106914GT	CHANNEL, MOUNTING part of swivel assemblies 107533 and 122918	
29B-	62321GT	SEAL KIT,HYD SWIVEL (75126)***	
29B-	75129GT	ARM,ANTI-ROTATION,SWIVEL***	
29B-	10107GT	SCREW,HHC,5/16-18 X .75	
29B-	75130GT	SCREW,SHC,7/16-14 X .75,61342	

307.1 Secondary Boom Lift Cylinder



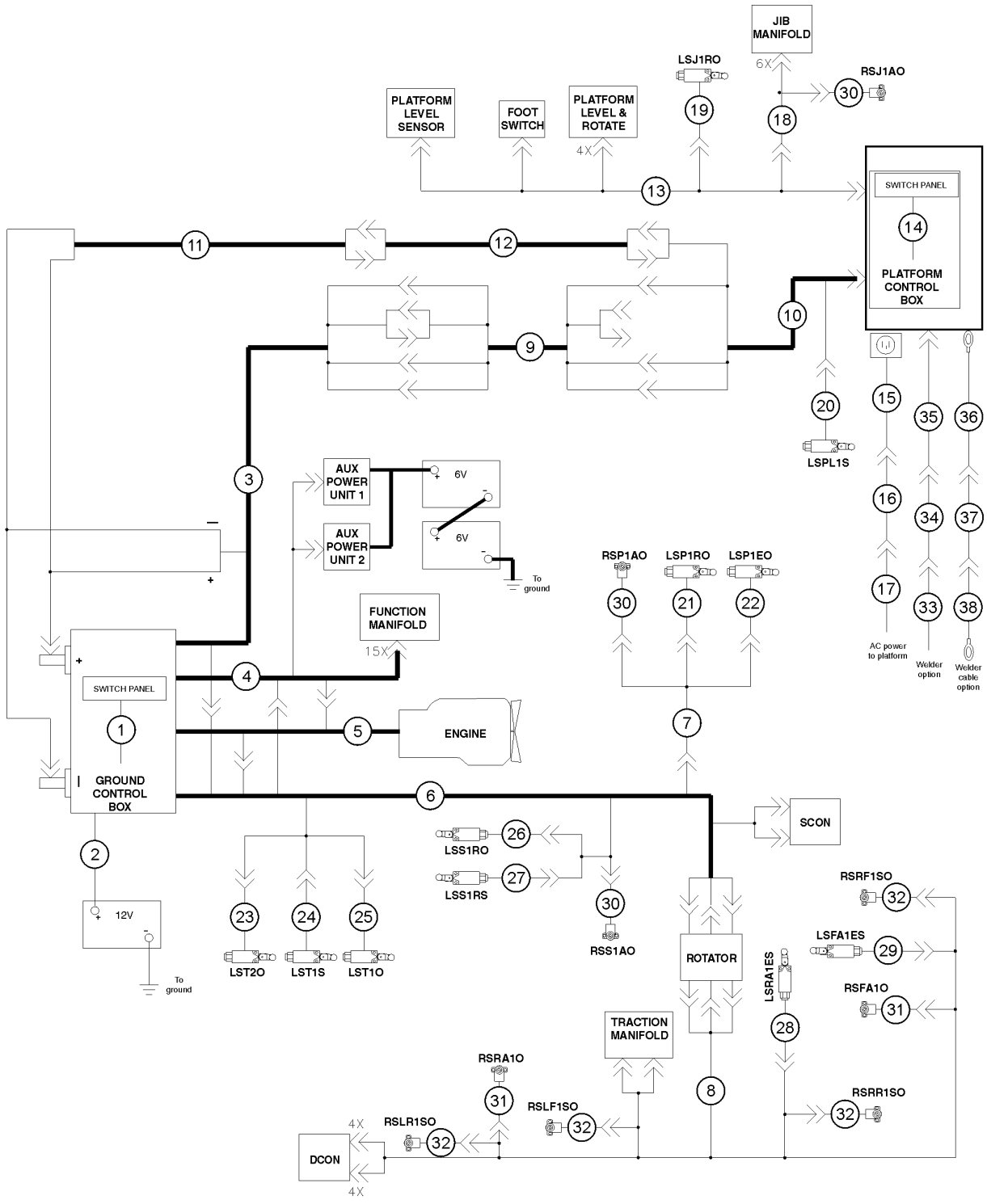
Item	Part No.	Description	Qty.
1	6096GT	SCREW,HHC,1/2-13 X 2 GR5	1
2	6033GT	WASHER,LOCK,0.5"	
3	101716GT	WELDMENT,RISER ROTARY SNSR PIN	1
3-		Ref. ASSY,ANGLE SEN.,Z135 SECONDARY (Refer to 502.1 or 502.2)	
4	61222GT	PIN,TRANSPORT STORAGE LOCK	1
4-	146343GT	SERVICE KIT,TRANSPORT PIN Z135	
5	61223GT	PIN,TRANSPORT STORAGE HANDLE	1
6	107654GT	PIN,SECONDARY LIFT	1
7	107653GT	PLATE,RETAINER PIN	1
8	117491GT	SCREW,HHC,1/2-13X2.00 GR8	1
9	1256267GT	ROD END,.5 X 3.75,ZAG	2
10	61812GT	CYLINDER,SECONDARY LIFT***	1
10-	106376GT	SEAL KIT,CYL***	
10-	106846GT	VALVE,CB.CWCL-LGN@4000 PSI***	
10-	76069GT	VALVE,COUNTERBALANCE 4000 PSI	
10-	27697GT	BEARING,2.50IDX2.75ODX1.50L	
11	94818GT	PIN,2.50DIAX25.00LG,1HOLE	1
12	54177GT	SCREW,HHC,1/2-13 X 1.5 GRD 8	1

308.1 Wire Harness Diagram



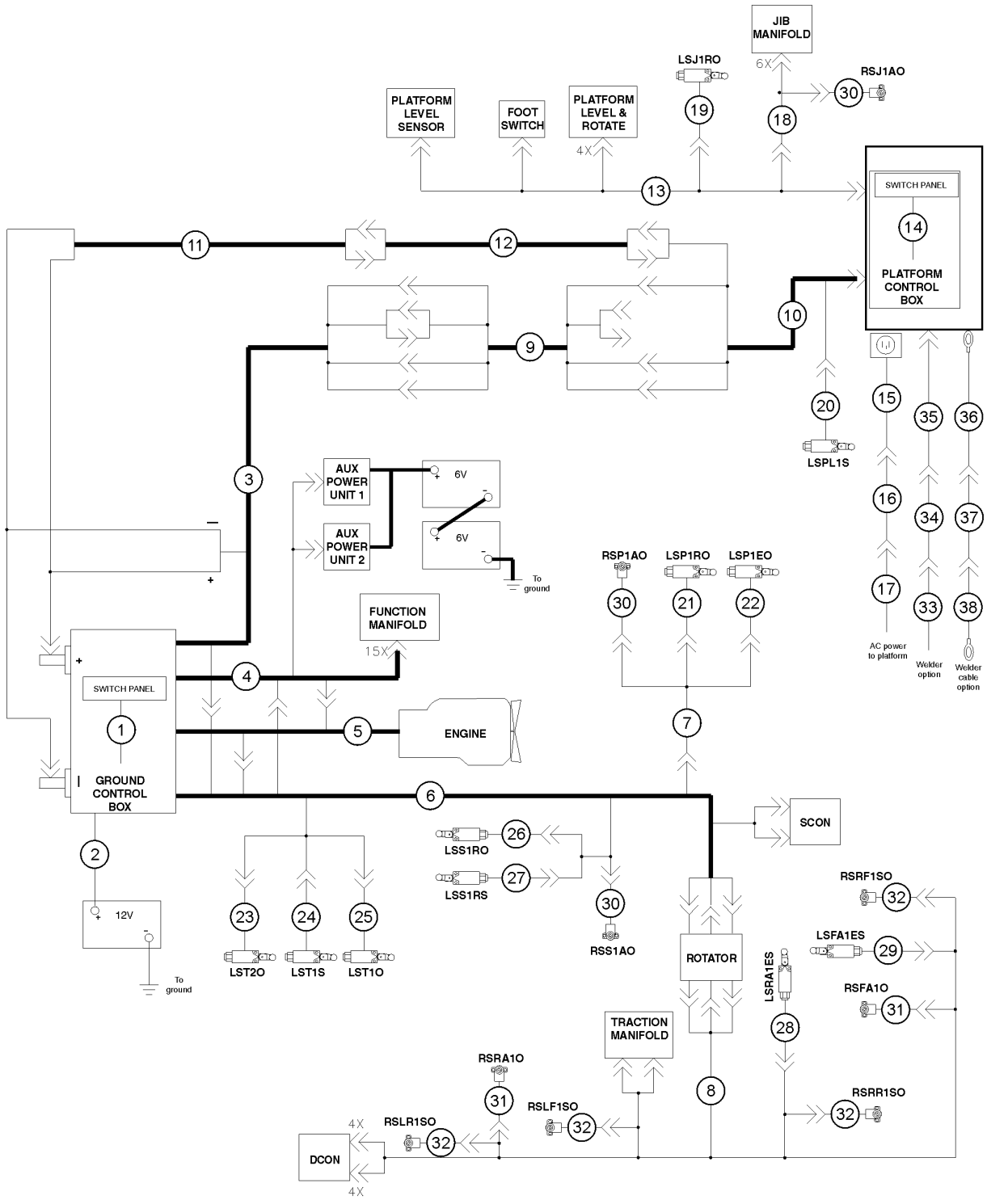
Item	Part No.	Description	Qty.
-	101178GT	BATT.CABLE,2/0,POS.,RED,56" Deutz models (from battery to starter)	
-	101184GT	BATT.CABLE,2/0,NEG.,BLACK,53" Deutz models	
	77103GT	SLEEVE,NYLON,3.13 ID	29 inches
1	94967GT	HARNESS,TCON to SN 320	1
1-	119244GT	HARNESS,TCON from SN 321 to 1418	
1-	226497GT	HARNESS,TCON Z135 from SN 1419	
1-	T111582GT	KIT,Z135 RESISTOR UPGRADE harness upgrade kit, includes resistor assembly p/n T108693 and resistor p/n T108691; to SN 1224	
1-	T108693GT	ASSY, RESISTOR, P7R/P6R1 from SN 1225 to 1418	
1-	110769GT	KIT,Z135 KEYSWITCH REWIRE*** retrofit kit; to SN 226	
2	94968GT	HARNESS,POWER,TCON,J5	1
3	94960GT	HARNESS,SEC.COMPOSITE J1	1
4	94958GT	HARNESS,FUNCTION MANIFOLD J14*	1
5	94954GT	HARNESS,ENGINE,CUMMINS Cummins models; to SN 219	1
5-	110692GT	HARNESS,ENGINE,CUMMINS 2005*** Cummins models; from SN 220 to 1003	1
5-	139253GT	HARNESS, CUMMINS B3.3T Cummins models; from SN 1004	
5-	94953GT	HARNESS,ENGINE,DEUTZ J3 Deutz models; to SN 409	1
5-	122054GT	HARNESS,ENGINE,DEUTZ J3 Deutz models; from SN 410	1
5-	94955GT	HARNESS,ENGINE,PERKINS J3 Perkins models	1
5-	128829GT	CIRCUIT BRKR 15A TYPE 2 METAL from SN 1004	
6	94959GT	HARNESS,LOWER LIMIT SWTCH,SCON to SN 1418	1
6-	T108692GT	ASSY,RESISTOR, P6R2 from SN 1225 to 1418	
6-	226496GT	HARNESS,LOWER LIMIT SWITCH from SN 1419 to 2000	
7	119792GT	HARNESS UPPER LIMIT SWITCH	1
8	94956GT	HARNESS,DRIVE CHASSIS	1
9	94961GT	HARNESS,PRIMARY COMPOSITE***	1
10	94962GT	HARNESS,JIB COMPOSITE	1

308.1 Wire Harness Diagram



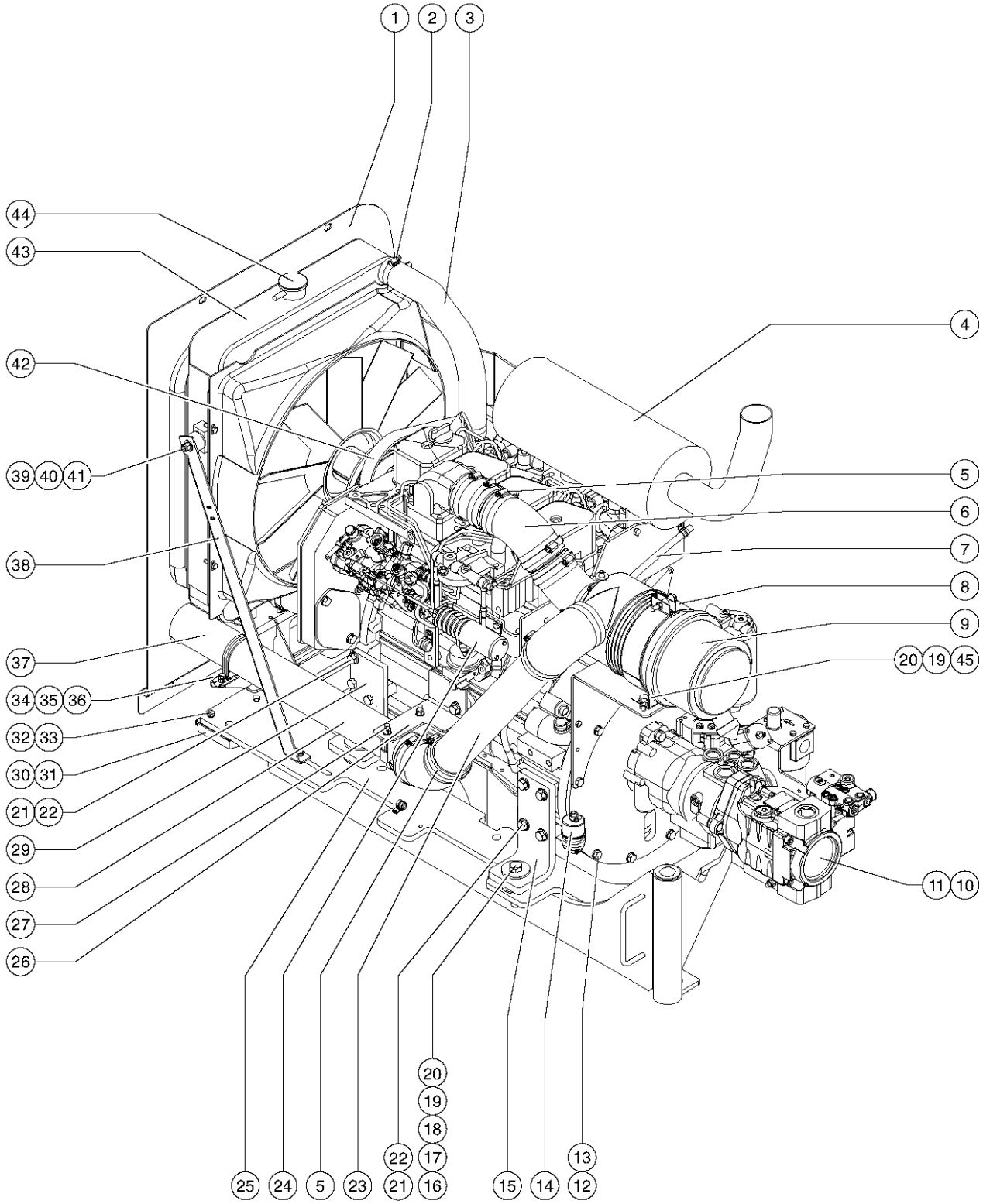
Item	Part No.	Description	Qty.
11	94972GT	HARNESS,DC POWER,SECONDARY	1
12	94973GT	HARNESS,DC POWER,PRIMARY	1
13	94963GT	HARNESS,PLAT J2	1
14	94966GT	HARNESS,PCON to SN 439	1
14-	119674GT	HARNESS,FUNCTION MANIFOLD J14* from SN 440	
15	94971GT	HARNESS,POWER TO PLAT,JIB	1
16	94970GT	HARNESS,POWER TO PLAT,PRI.	1
17	94969GT	HARNESS,POWER TO PLAT,SEC.	1
18	94976GT	HARNESS,JIB MANIFOLD	1
19	110911GT	SWITCH ASSY,LIMIT LSJ1RO	1
20	94549GT	SWITCH,LOAD LIMIT	1
21	110913GT	SWITCH ASSY,LIMIT LSP1RO	1
22	110914GT	SWITCH ASSY,LIMIT LSS1EO	1
23	110916GT	SWITCH ASSY,LIMIT LST1O	1
24	110917GT	SWITCH ASSY,LIMIT LST1S	1
25	110915GT	SWITCH ASSY,LIMIT LST10	1
26	110909GT	SWITCH ASSY,LIMIT LSS1RO	1
27	110910GT	SWITCH ASSY,LIMIT LSS1RS	1
28	110934GT	SWITCH ASSY,LIMIT LSFA1ES,LSRA	1
29	110934GT	SWITCH ASSY,LIMIT LSFA1ES,LSRA	1
30	94980GT	SENSOR,DUAL OUTPUT,ANGLE*** (calibration required after replacement). Older sensor part 94980 is no longer available for Boom Angle Sensor after SN 12853. For first time replacement order kit 217246 (refer to 511.2)	3
31	94985GT	SENSOR,AXLE POSITION	1
32	106187GT	SUBASSY,STEER SENSOR	4
33	106482GT	HARNESS,AC/3P PWR TO PLAT,SEC (1046 inches long)(welder option)	1
34	106483GT	HARNESS,AC/3P PWR TO PLAT,PRI (710 inches long)(welder option)	1
34B	1294297GT	INSTRUCTION,SPLICE PROCEDURE	
34B	101186GT	JOINT COMPOUND	

308.1 Wire Harness Diagram



Item	Part No.	Description	Qty.
35	106484GT	HARNESS,AC/3P PWR TO PLAT,JIB (351 inches long)(welder option)	1
36	101001GT	WELD CABLE,POSITIVE,JIB (345 inches long)(welder cable option)	1 inches
36-	94998GT	WELD CABLE,NEGATIVE,JIB (345 inches long)(welder cable option)	1 inches
37	101000GT	WELD CABLE,POSITIVE,PRIMARY (672 inches long)(welder cable option)	1 inches
37-	94997GT	WELD CABLE,NEGATIVE,PRIMARY (672 inches long)(welder cable option)	1 inches
38	94999GT	WELD CABLE,POSITIVE,SECONDARY (956 inches long)(welder cable option)	1 inches
38-	94996GT	WELD CABLE,NEGATIVE,SECONDARY (956 inches long)(welder cable option)	1 inches

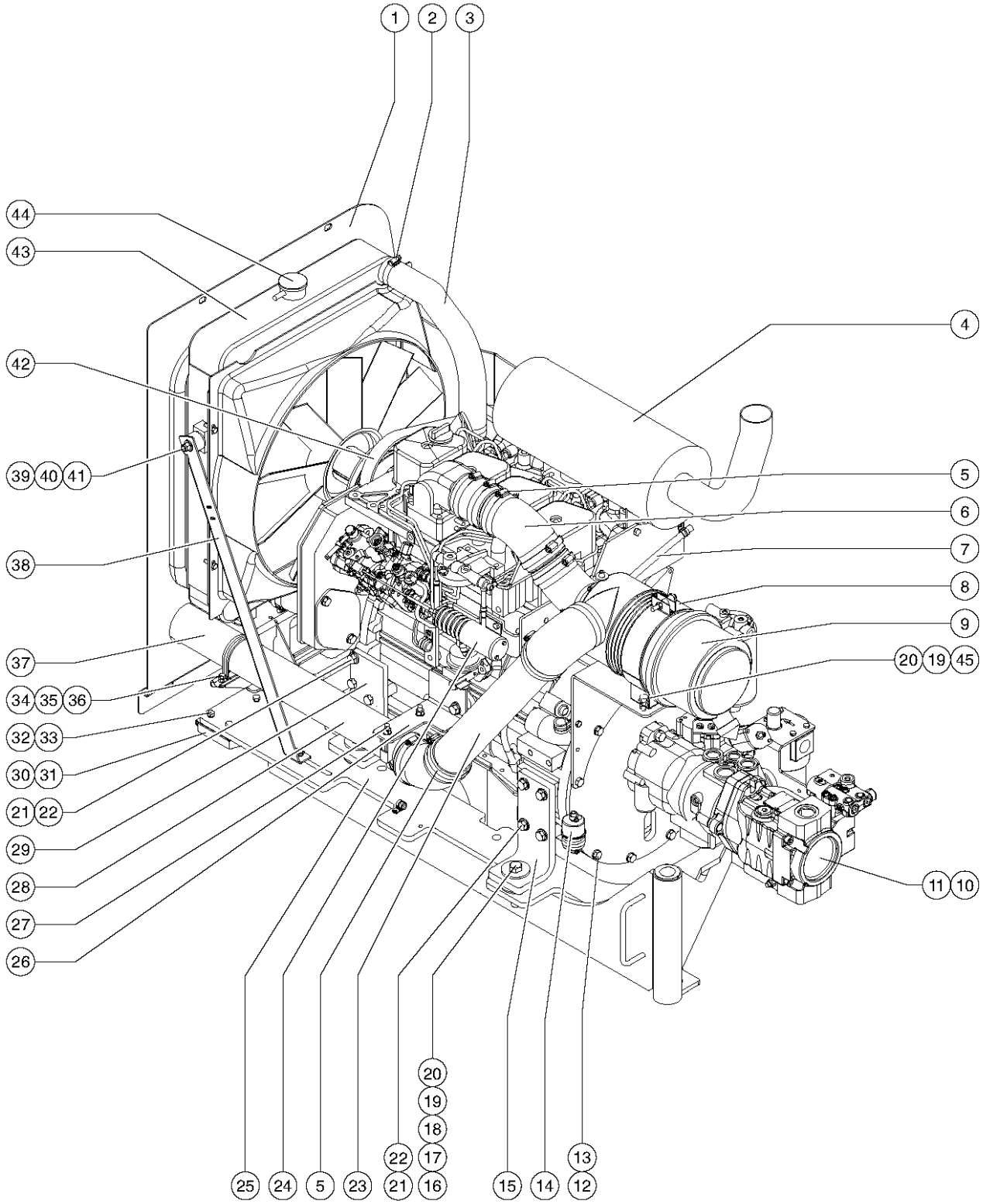
401.1 Cummins B4. 5L Engine, View 1 (to SN 950)



401.1 Cummins B4. 5L Engine, View 1 (to SN 950)

Item	Part No.	Description	Qty.
1	70537PGT	BAFFLE,ENGINE AIR,PAINTED	1
2	22672GT	CLAMP,HOSE,1.75	2
3	60586GT	RADIATOR HOSE,UPPER-CUMMINS	1
4	60550GT	MUFFLER,NELSON 3.9L no longer available	1
4-	75151GT	GASKET,MUFFLER,CUMMINS, B3.9L	
4-	61024GT	OPT,DIESEL SCRUBBER CUMMINS	
5	30489GT	CLAMP,HOSE,3.50	6
6	61270GT	ELBOW,45 DEG,INLET	2
6-	106211-300GT	HOSE,RUBBER 3"ID X .25 BLACK	
7	102301GT	DIPSTICK,CUMMINS, B4.5	1
8	81468GT	MOUNTING BAND,AIR CLEANER	1
9	81467GT	AIR CLEANER,NELSON	1
9-	75450GT	AIR CLEANER CLIPS, SUPERBOOM for 81467	
9-	75451GT	AIR CLEANER COVER, SUPERBOOM* for 81467	
9-	52866GT	EVACUATOR VALVE-AIR CLEANER for 81467	
9-	62425GT	FILTER,AIR CLEANER, SUPERBOOM for 81467	
9-	101662GT	OPTION,PRECLEANER CUMMINS	
10		Ref. Function Pump (refer to 714.1)	
11		Ref. Drive Pump (refer to 714.1)	
12	44064GT	SCREW,HHC,M10 X 30MM,	
13	22699GT	WASHER, FLAT, M10, ZINC PLTD.	
14	102287GT	SEPARATOR-FUEL/WTR CUMIN B4.5	1
15	102044PGT	BRACKET,ENGINE MOUNT,CUMMINS	2
16	13003GT	SCREW,HHC,5/8-11 X 3.5 GRD.8	2
17	33418GT	WASHER,FLAT,.625 X 2.25 X.15	
18	102045GT	ISOLATOR,ENGINE VIBRATION	2
19	13064GT	WASHER,FLAT,.625 HARDENED	
20	6024GT	NUT,NYLOCK,5/8-11	

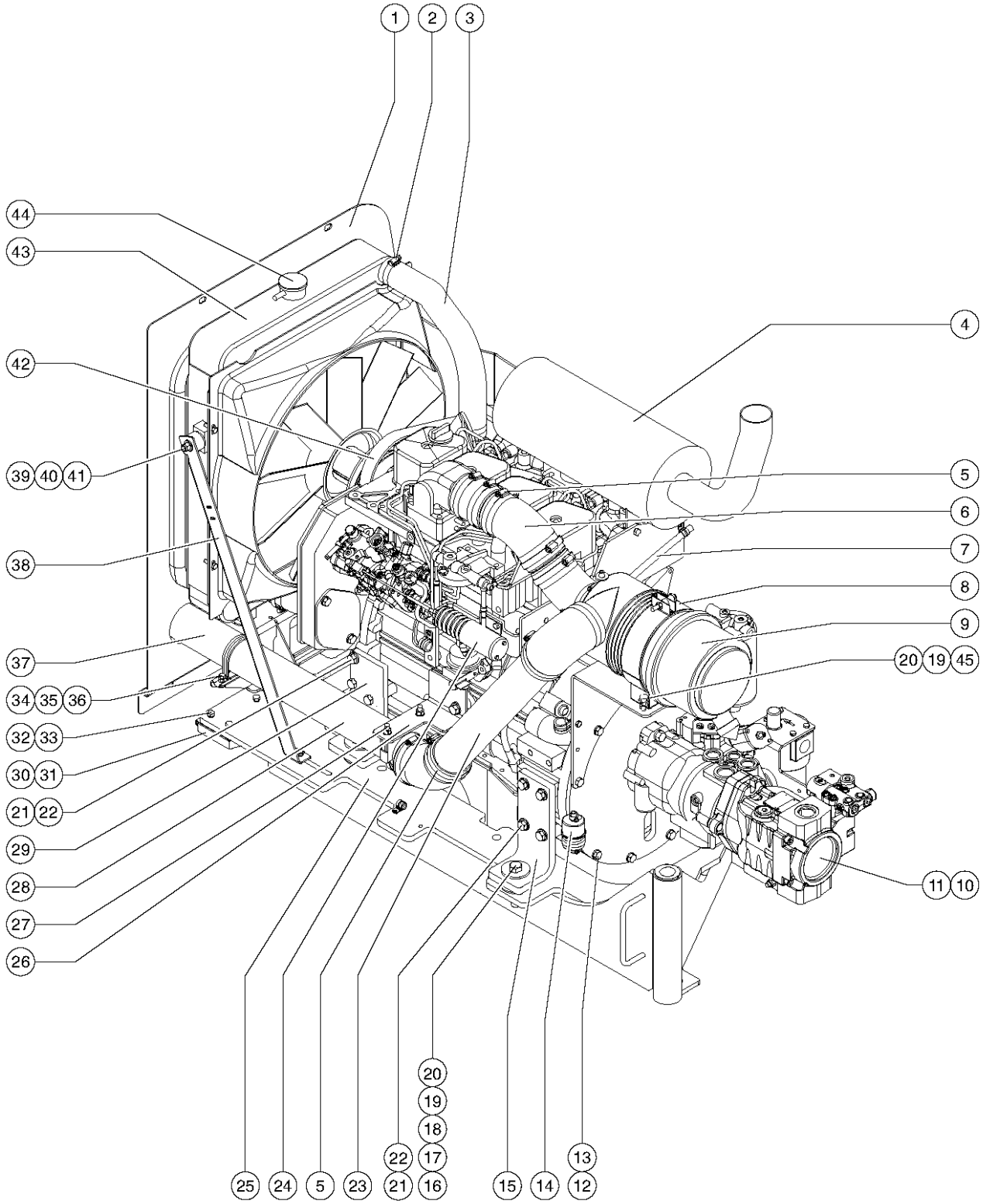
401.1 Cummins B4. 5L Engine, View 1 (to SN 950)



401.1 Cummins B4. 5L Engine, View 1 (to SN 950)

Item	Part No.	Description	Qty.
21	27584GT	SCREW,HHC,M12 X 35MM	
22	49410GT	WASHER, FLAT, M12	
23	81738-2200GT	TUBE,RD,STL 3 X 18GA ALUMINIZD	
24	101957GT	SOLENOID,THROTTLE,ASSY.TROMB	1
24-	89998GT	KIT,SERVICE,SOLENOID MODULE	
24-	102048GT	CABLE ASSY,THROTTLE	
24-	60525GT	CONN,RECEP 4 WAY,12-14GA	
24-	60526GT	LOCK,RECEP 4 WAY,12-14GA	
24-	60757GT	PLUG, SEAL, 12-18GA	
24-	73711GT	TERMINAL, PIN, DTP, 12-14 AWG, NICKEL, , DEUTSCH, LOOSE	
24-		Ref. Module Relay (refer to 303.1)	
25	106785GT	ENGINE TRAY ASSEMBLY	1
25-	35675GT	BEARING,FL,1.25IDX1.5ODX1.25L	
26	70556GT	BRACKET,CUMMINS INTAKE TUBE	1
27	61273GT	CLAMP-HEAVY DUTY	1
28	81738-2700GT	TUBE,RD,STL 3 X 18GA ALUMINIZD	
29	102043GT	WELDMENT,ENGINE MOUNT,RT,FRONT	1
30	60637GT	WEAR PAD, ENGINE SUPPORT	1
31	60826GT	SHIM, WEAR PAD ENG TRAY	as-needed
32	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
33	6021GT	WASHER, LOCK, .375	
34	6888GT	SCREW, HHC, 1/4-20 X 1	
35	6638GT	WASHER, FLAT, USS, 1/4"Y	
36	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
37	70257GT	CLAMP,3.0,#48 X 1/4,RUB CUSH	
38	75262GT	RADIATOR STRUT,LEFT	
39	75260GT	ISOLATOR,FLEX-BOLT SANDWICH***	1

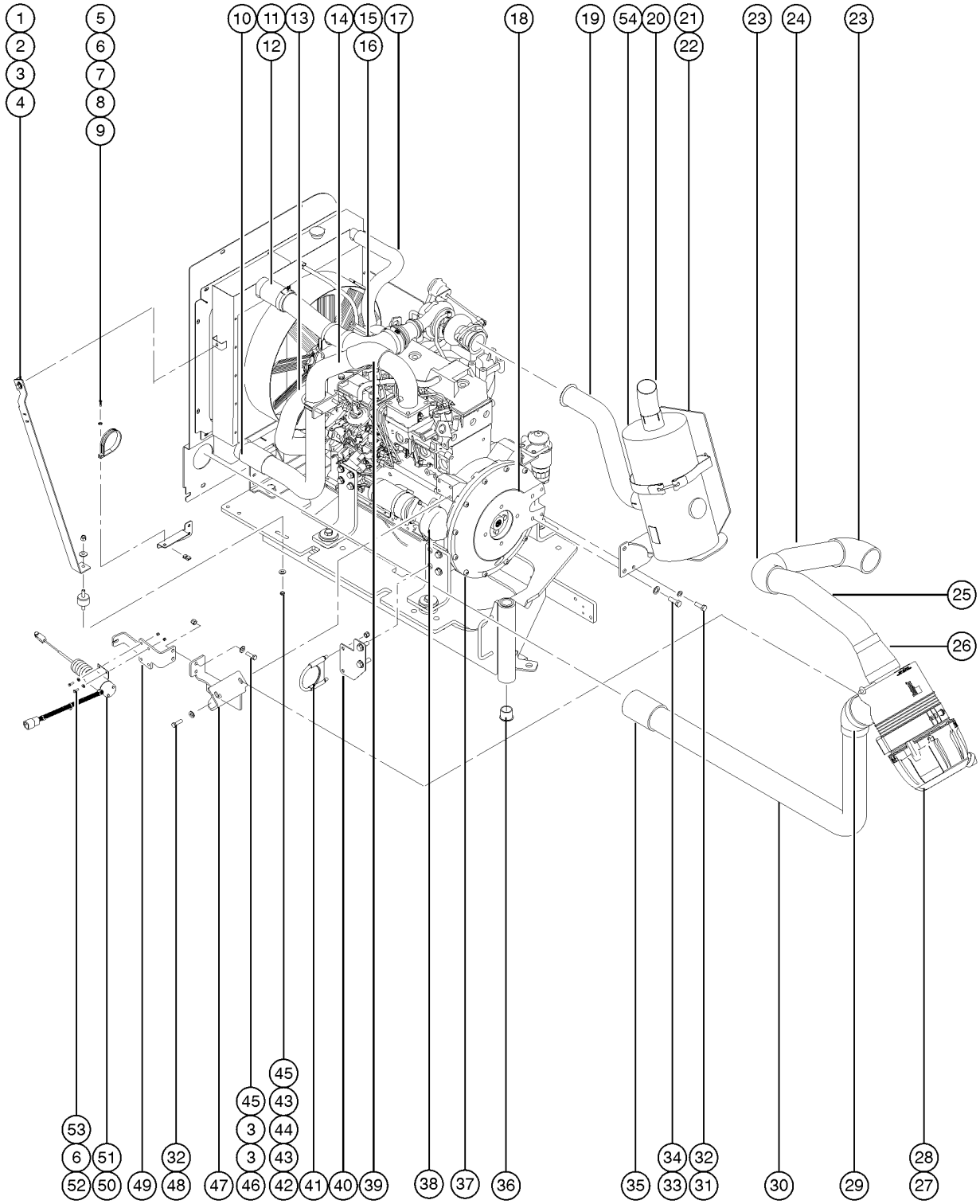
401.1 Cummins B4. 5L Engine, View 1 (to SN 950)



401.1 Cummins B4. 5L Engine, View 1 (to SN 950)

Item	*Part No.*	*Description*	*Qty.*
40	4828GT	NUT, NYLOCK, 3/8-16	
41	5397GT	WASHER, FLAT, USS, 5/16-18	
42	102203GT	BELT,SERPENTINE, CUMMINS B4.5	1
43	70518GT	RADIATOR	1
44	65473GT	CAP,RADIATOR,PERKINS/FORD	1
45	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8	2

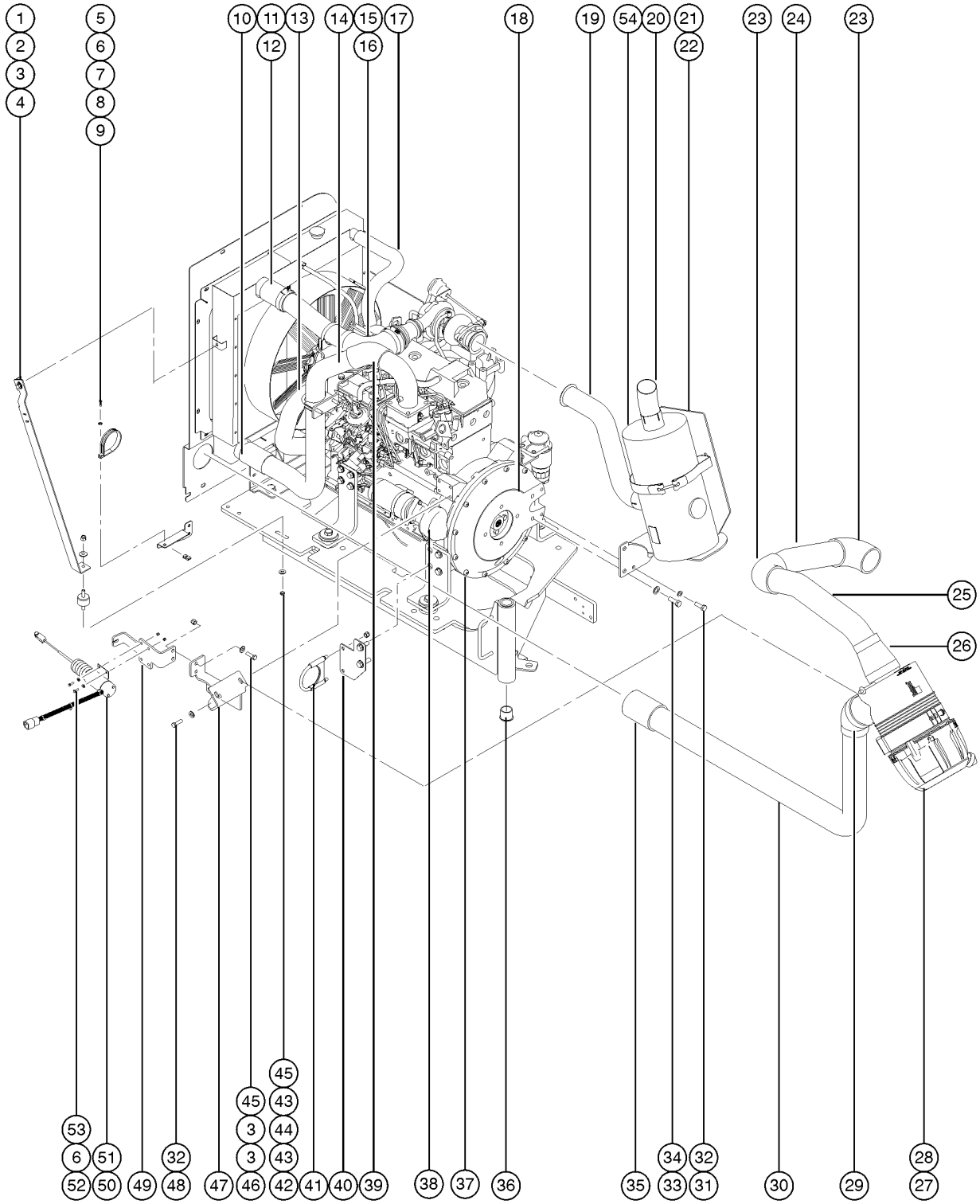
401.2 Cummins B3.3T Engine, View 1 (from SN 951)



401.2 Cummins B3.3T Engine, View 1 (from SN 951)

Item	Part No.	Description	Qty.
1	8255GT	SCREW,HHC,3/8-16 X .75	
2	6021GT	WASHER, LOCK, .375	
3	5397GT	WASHER, FLAT, USS, 5/16-18	
4	122411GT	RADIATOR STRUT,LEFT	1
5	6888GT	SCREW, HHC, 1/4-20 X 1	
6	6638GT	WASHER, FLAT, USS, 1/4"Y	
7	70257GT	CLAMP,3.0,#48 X 1/4,RUB CUSH	
8	122413GT	BRACKET,INTAKE TUBE SUPPORT	1
9	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
10	122434GT	HOSE,CAC,2.5"ID X 4.0"	1
11	122427GT	TUBE,CAC 1 CUM.B3.3T	1
12	122591GT	CLAMP,CONST TRQ 2.25"-3.13"OD	
13	122408GT	HOSE,LOWER RADIATOR,CUMMINS	1
14	122425GT	TUBE,AIR INTAKE,UPPER	1
15	122435GT	REDUCER,90 DEG,CAC, 3.0"-2.5"	1
16	122592GT	CLAMP,CONST TRQ 2.75"-3.63"OD	
17	122407GT	HOSE,UPPER RADIATOR,CUMMINS	1
18	70381GT	COVER,FLYWHEEL CASTING	1
18A	122472GT	COUPLER,15 TOOTH,FBA,CUM B3.3T	
19		TUBE, EXHAUST CUMMINS B3.3T No longer available (contact customer services)	1
20	122615GT	TUBE,EXHAUST CUMMINS T3	1
21	122605GT	WLDT, MUFFLER BRKT, CUMMINS T3	1
22	122470GT	CLAMP,MUFFLER,CUM B3.3T	
23	60561GT	ELBOW,INLET,CUMMINS	1
24	122614GT	TUBE,INTAKE,CUMMINS T3	1
25	122613GT	TUBE,INTAKE,CUMMINS T3	1
26	122432GT	REDUCER,RUBBER,4.0 X 3.0	1
27	122466GT	AIR CLEANER,CUMMINS B3.3T	1

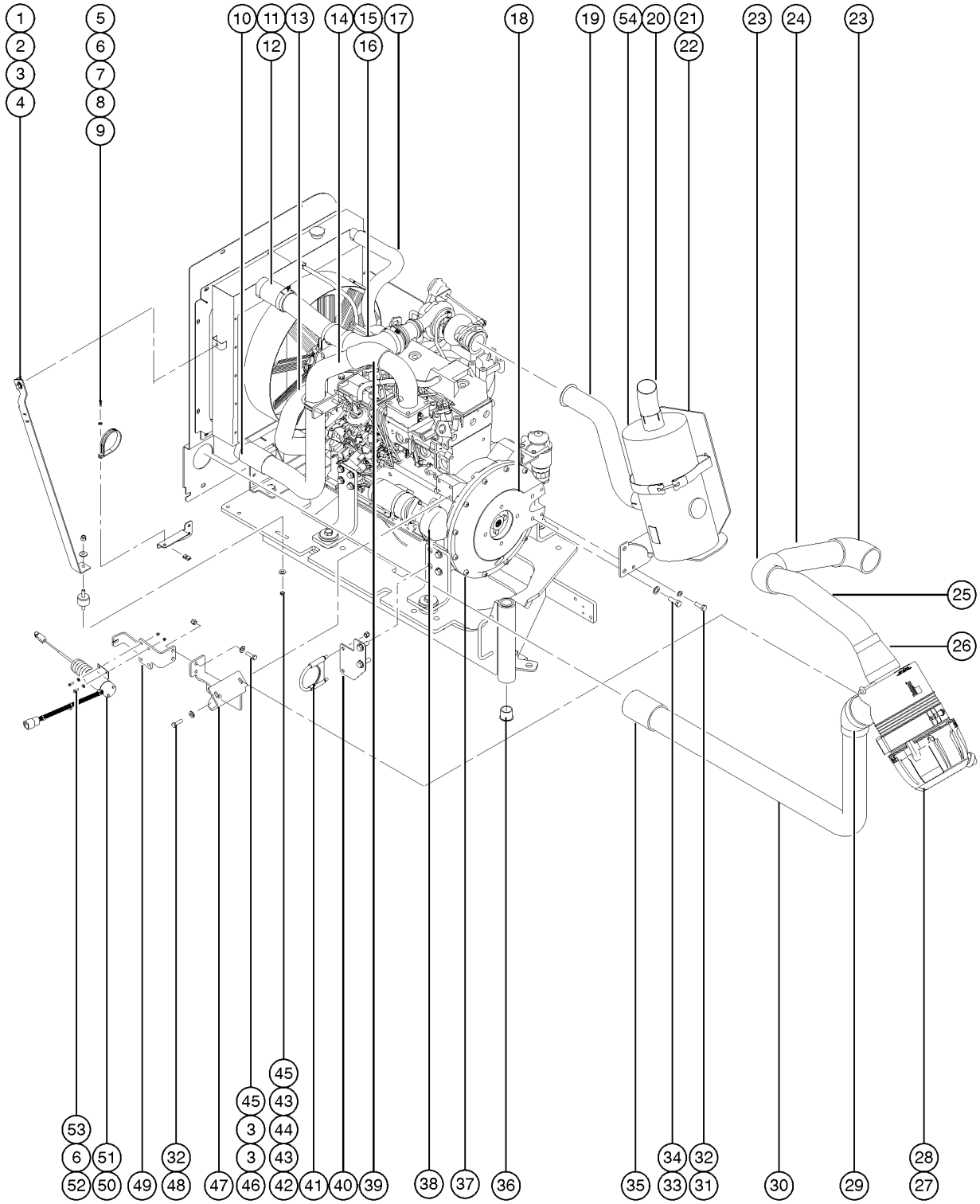
401.2 Cummins B3.3T Engine, View 1 (from SN 951)



401.2 Cummins B3.3T Engine, View 1 (from SN 951)

Item	Part No.	Description	Qty.
27-	146044GT	AIR FILTER, PRIMARY ELEMENT	1
27-	146045GT	AIR FILTER, SECONDARY ELEMENT	1
28	122467GT	AIR CLEANER,CLAMP,CUM B3.3T	1
29	122603GT	REDUCER,45 DEG, 3.75"-3.00"	1
30	122602GT	TUBE,AIR INTAKE 1,CUM.B3.3T	1
31	22697GT	SCREW,HHC,M10 X 65MM,GR8.8	
32	22699GT	WASHER, FLAT, M10, ZINC PLTD.	
33	99747GT	NUT,NYLOCK,5/8-11	
34	13066GT	WASHER,FLAT,.5 HARDENED	
35	60596GT	HOSE INLET	1
36	35675GT	BEARING,FL,1.25IDX1.5ODX1.25L	
37	61110GT	SCREW,SHC,M10X1.5X30 GR 12.9	
38	139798GT	STARTER, 12V, CUMMINS B3.3T	
39	122433GT	ELBOW,45 DEG, CAC,2.5"	1
40	122423GT	BRACKET,INTAKE MOUNT,CUM	1
41	122414GT	U-BOLT,GUILLOTINE,3"	
42	7713GT	NUT, LP NYLOCK, 3/8-16	
43	6097GT	WASHER, FLAT, USS, 3/8", Y	
44	122428GT	MOUNT,1"FLEX-BOLT SANDWICH	1
45	4828GT	NUT, NYLOCK, 3/8-16	
46	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
47		FORMING,AIR CLEANER shown component no longer available, must install kit 146307 for first time replacement	1
47-	146307GT	SERVICE KIT, THROTTLE, B3.3T Includes parts 146352 and 146306	
48	27034GT	SCREW,HHC,M10 X 25MM,GR 8.8	
49		FORMING,SOLENOID MOUNT shown component no longer available, must install kit 146307 for first time replacement	1
49-	146352GT	WLDT, AIR CLEANER/SOLENOID MNT Can be ordered sparely if kit 146307 was previously installed	
50	101957GT	SOLENOID,THROTTLE,ASSY.TROMB	1
51		CABLE ASSY,THROTTLE,CUM B3.3T shown component no longer available, must install kit 146307 for first time replacement	1

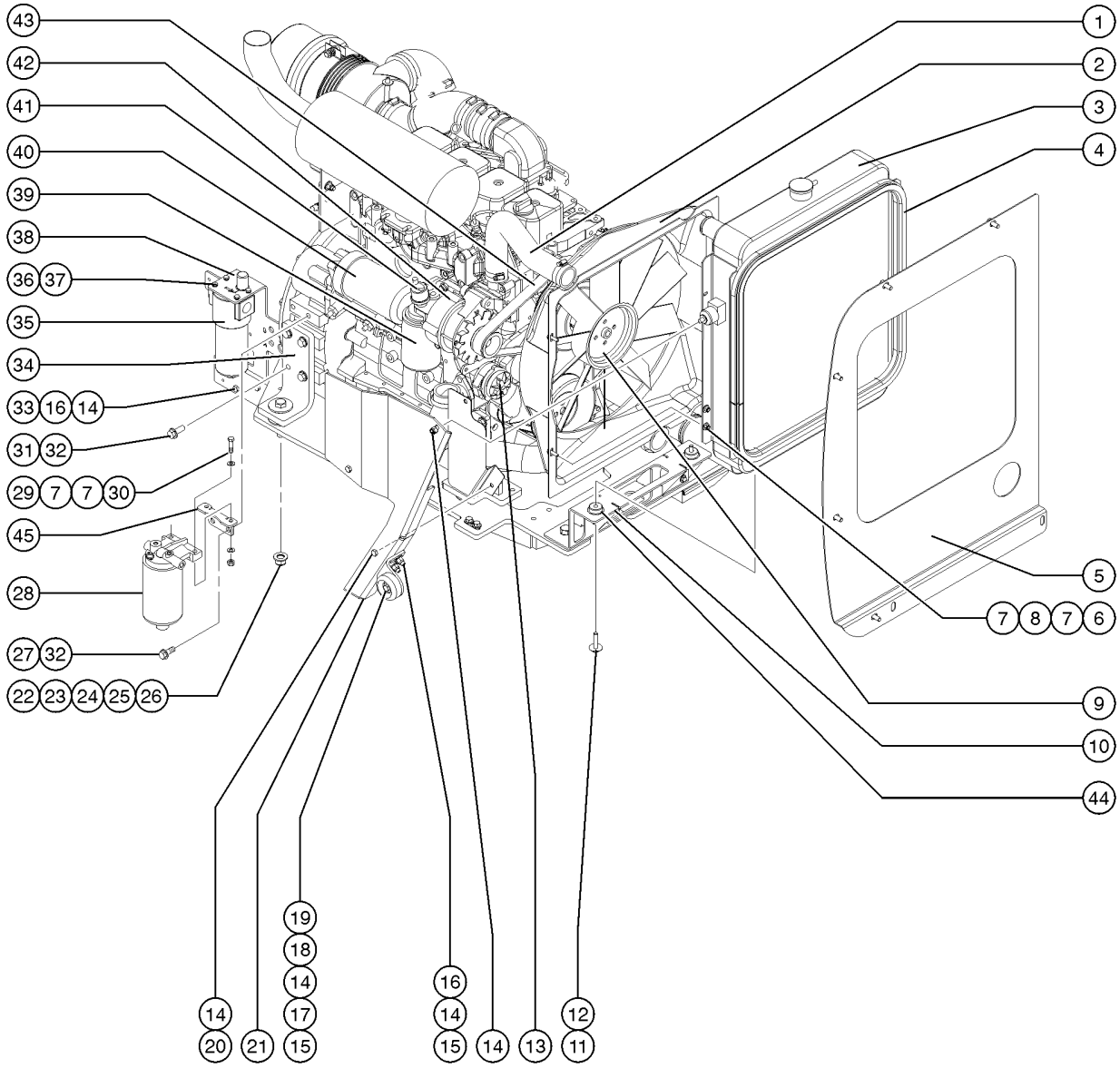
401.2 Cummins B3.3T Engine, View 1 (from SN 951)



401.2 Cummins B3.3T Engine, View 1 (from SN 951)

Item	Part No.	Description	Qty.
51-	146306GT	THROTTLE LINK, STEEL Can be ordered sparely if kit 146307 was previously installed	
52	6090GT	SCREW, HHC, 1/4-20 X .75	
53	6091GT	NUT,NYLOCK,1/4-20	
54	70444GT	MUFFLER,2.5"INLET/OUTLET	1

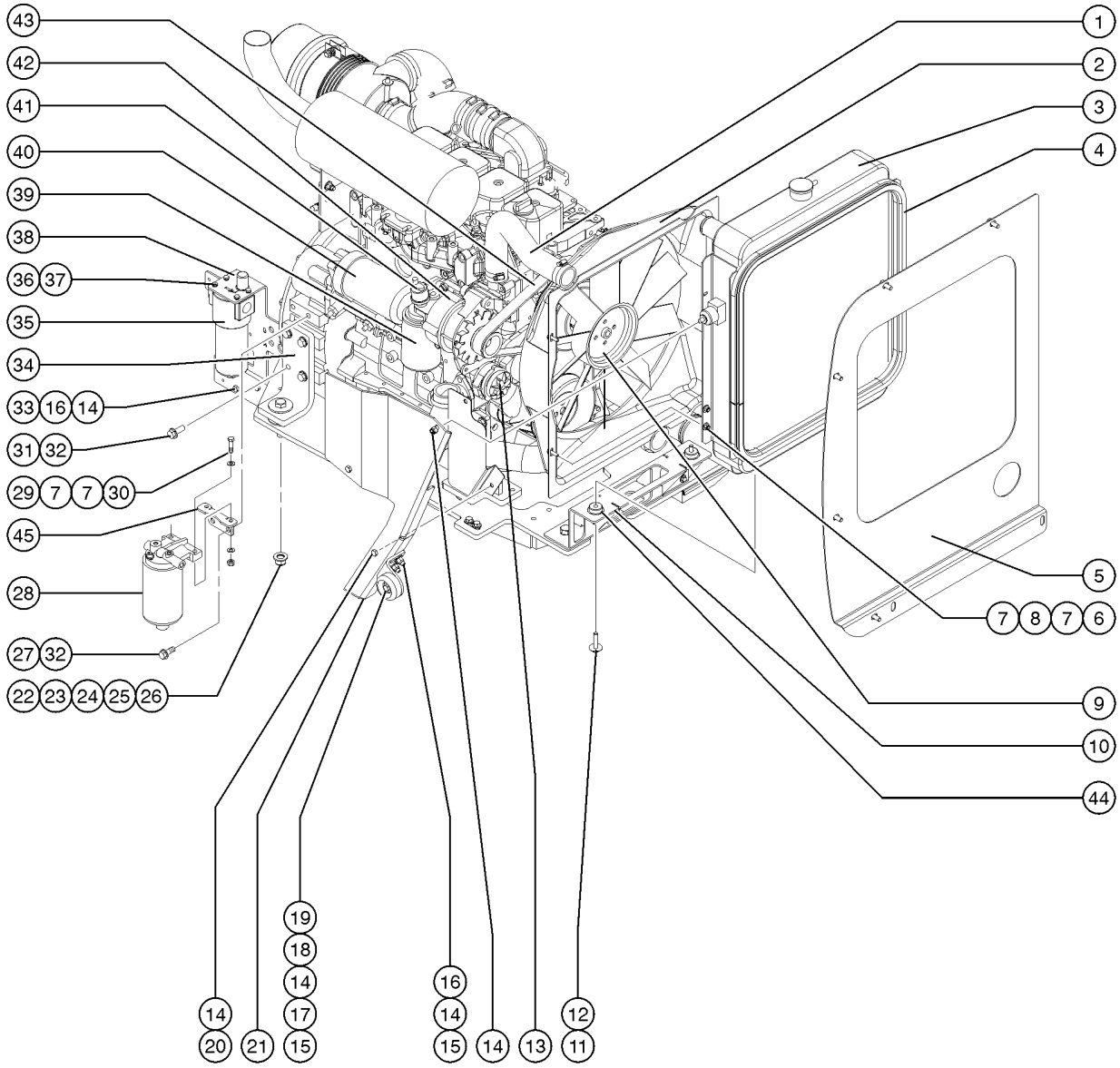
402.1 Cummins B4.5L Engine, View 2 (to SN 950)



402.1 Cummins B4.5L Engine, View 2 (to SN 950)

Item	*Part No.*	*Description*	*Qty.*
1	60586GT	RADIATOR HOSE,UPPER-CUMMINS	1
1-	102031GT	RADIATOR HOSE,LOWER-CUMMINS	
2	60649GT	SHROUD,FAN (FIBERGLASS)	1
3	70518GT	RADIATOR	1
3	65473GT	CAP,RADIATOR,PERKINS/FORD	
4	60875GT	TRIM MOLDING	85 inches
5	70537PGT	BAFFLE,ENGINE AIR,PAINTED	1
6	6091GT	NUT,NYLOCK,1/4-20	
7	6638GT	WASHER, FLAT, USS, 1/4"Y	
8	6888GT	SCREW, HHC, 1/4-20 X 1	
9	75171GT	FAN,PULLER,CUMMINS,4B3.9,60213	1
10	75297GT	WELDMENT,RADIATOR MOUNT**	1
11	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	2
12	44714GT	WASHER,.375X1.25X.100	
13	102303GT	BELT TENSIONER CUMMINS B4.5	1
14	4828GT	NUT, NYLOCK, 3/8-16	
15	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
16	5397GT	WASHER, FLAT, USS, 5/16-18	
17	6097GT	WASHER, FLAT, USS, 3/8", Y	
18	50974GT	BUMPER,RUBBER,COVERS	1
19	60729GT	FORMING,COVER STOP***	1
20	6175GT	SCREW,HHC,3/8-16 X 1	
21	122026PGT	RADIATOR STRUT,RIGHT	1
22	6024GT	NUT,NYLOCK,5/8-11	
23	13064GT	WASHER,FLAT,.625 HARDENED	
24	102045GT	ISOLATOR,ENGINE VIBRATION	4
25	33418GT	WASHER,FLAT,.625 X 2.25 X.15	

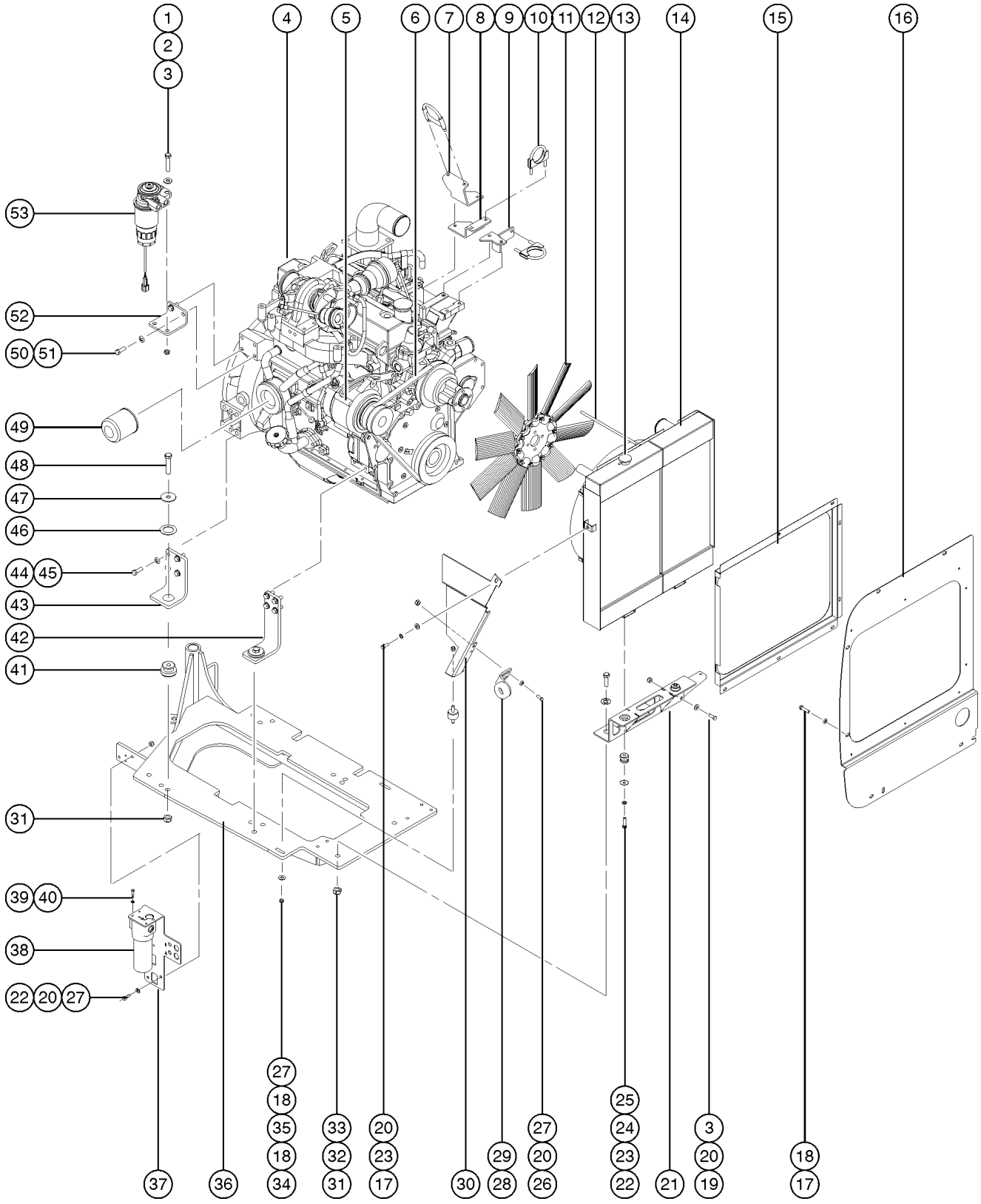
402.1 Cummins B4.5L Engine, View 2 (to SN 950)



402.1 Cummins B4.5L Engine, View 2 (to SN 950)

Item	Part No.	Description	Qty.
26	13003GT	SCREW,HHC,5/8-11 X 3.5 GRD.8	4
27	49381GT	SCREW,HHC,M12 X 30	
28	102287GT	SEPARATOR-FUEL/WTR CUMIN B4.5	1
29	13000GT	SCREW,HHC,5/16-18 X 1.25	
30	6782GT	NUT, NYLOCK, 5/16-18	
31	27584GT	SCREW,HHC,M12 X 35MM	
32	49410GT	WASHER, FLAT, M12	
33	8516GT	SCREW, HCC, 3/8-16 X 1.50	
34	102044PGT	BRACKET,ENGINE MOUNT,CUMMINS	1
35		FILTER ASY,M PRESS,SAE8,WOIND* (77139) component no longer available	1
35-	60857GT	FILTER,ELEMENT,BETA(5)=1000 for 77139	
35A	1267807GT	ASSEMBLY, MED. PRESS. FILTER, SAE8	
35A-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS for 1267807	
36	8914GT	SCREW, HHC, 1/4-20 X .625	
37	6356GT	WASHER, LOCK, .25	
38	70517GT	BRACKET,FILTER/TEST PORT	1
39	102288GT	FILTER,OIL,CUMMINS B4.5***	1
40	89837GT	STARTER,12V,CUMMINS, B3.9/B4.5	1
41	75153GT	SENSOR,0IL PRESS,VDO360-004***	
42	75102GT	ALTERNATOR,CUMMINS 4B3.9, 95A to SN 219	1
42-	111119GT	ALTERNATOR,CUMMINS B4.5 from SN 220	
43	102203GT	BELT,SERPENTINE, CUMMINS B4.5	1
44	75259GT	ISOLATOR,CENTER BONDED	2
45	102101PGT	FORMING,FUEL FILTER MOUNT,PNTD	1

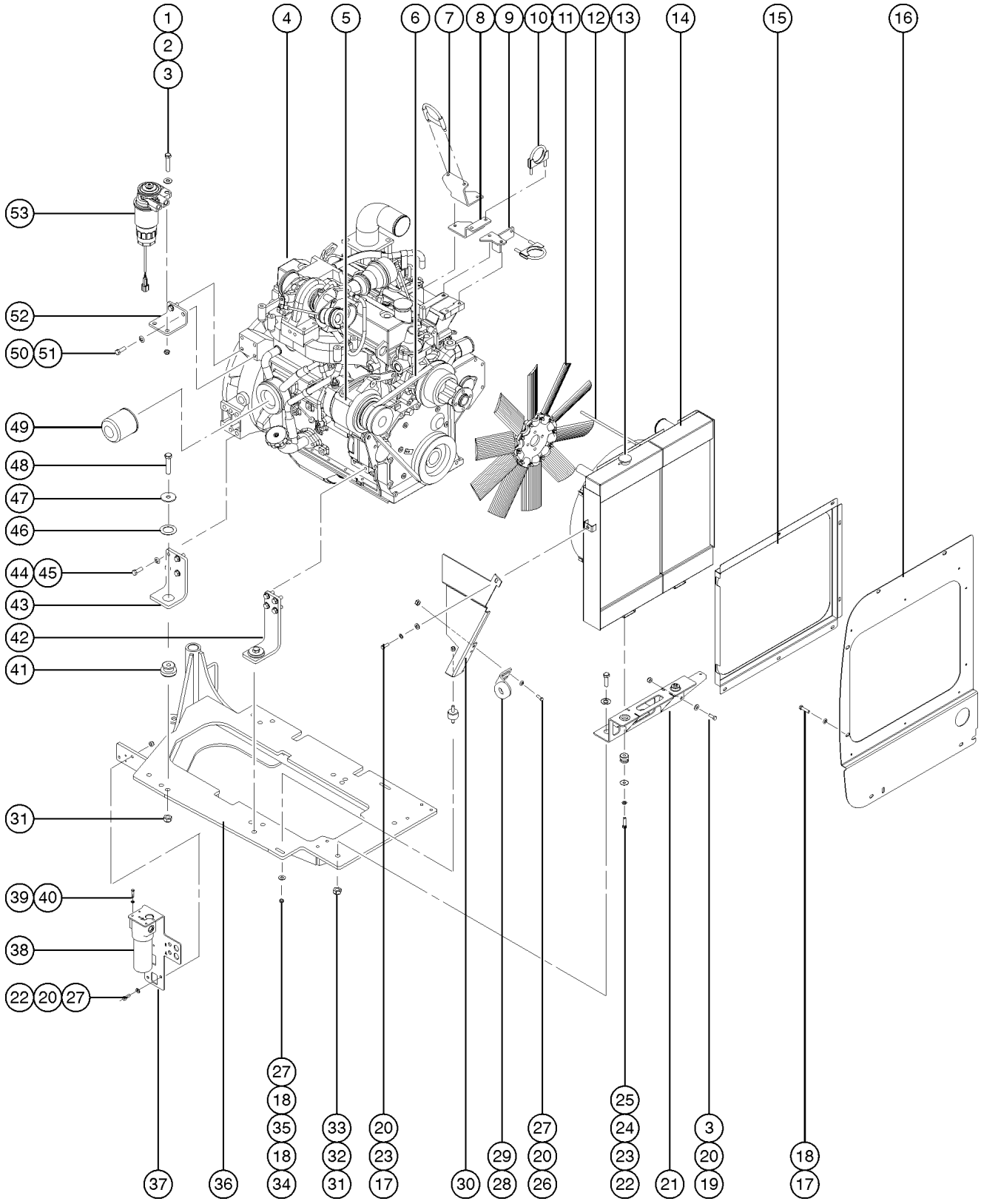
402.2 Cummins B3.3T Engine, View 2 (fromSN 951)



402.2 Cummins B3.3T Engine, View 2 (fromSN 951)

Item	Part No.	Description	Qty.
1	13000GT	SCREW,HHC,5/16-18 X 1.25	
2	6638GT	WASHER, FLAT, USS, 1/4"Y	
3	6782GT	NUT, NYLOCK, 5/16-18	
4	122402GT	ENGINE KIT, CUMMINS B3.3T	1
5	146046GT	ALTERNATOR	1
6	146047GT	BELT	1
7	122625GT	BRACKET, SUPPORT, EXH. CUM T3	1
8	122424GT	BRACKET,CAC 2 TUBING MOUNT	1
9	122335GT	BRACKET, CAC INTAKE TUBE MOUNT	1
10	71911GT	CLAMP,MUFFLER, 2.50 INCH	1
11	122438GT	FAN, 19.0", BREEZA	1
12	65473GT	CAP,RADIATOR,PERKINS/FORD	1
13	122404GT	ASSY, RAD/CAC, CUMMINS B3.3T	1
14	122413GT	BRACKET,INTAKE TUBE SUPPORT	1
15	122594GT	FORMING,BAFFLE BOX	1
16	128505GT	FORMING,ENGINE BAFFLE	1
17	8255GT	SCREW,HHC,3/8-16 X .75	
18	6097GT	WASHER, FLAT, USS, 3/8", Y	
19	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
20	5397GT	WASHER, FLAT, USS, 5/16-18	
21	122415GT	WELDMENT,RADIATOR MOUNT,CUM	1
22	8516GT	SCREW, HCC, 3/8-16 X 1.50	
23	6021GT	WASHER, LOCK, .375	
24	44714GT	WASHER,.375X1.25X.100	
25	75259GT	ISOLATOR,CENTER BONDED	
26	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
27	4828GT	NUT, NYLOCK, 3/8-16	
28	50974GT	BUMPER,RUBBER,COVERS	

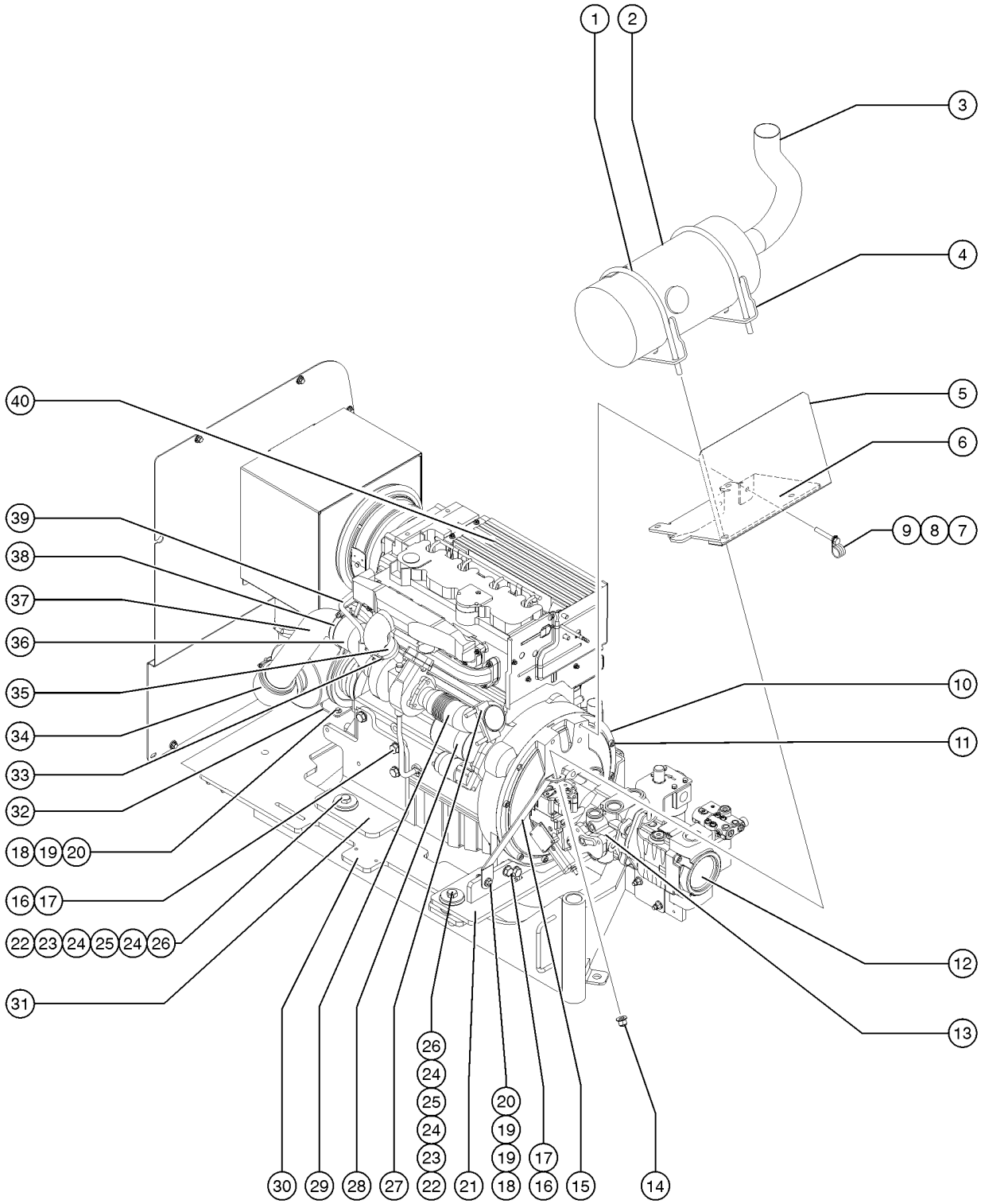
402.2 Cummins B3.3T Engine, View 2 (fromSN 951)



402.2 Cummins B3.3T Engine, View 2 (fromSN 951)

Item	Part No.	Description	Qty.
29	60729GT	FORMING,COVER STOP***	
30	122412GT	RADIATOR STRUT,RIGHT	1
31	6024GT	NUT,NYLOCK,5/8-11	
32	13064GT	WASHER,FLAT,.625 HARDENED	
33	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8	
34	7713GT	NUT, LP NYLOCK, 3/8-16	
35	122428GT	MOUNT,1"FLEX-BOLT SANDWICH	1
36	128314GT	WELDMENT, ENGINE TRAY	1
37	128525GT	BRCKT,MED.FILTER,TEST PORT	1
38		FILTER ASY,M PRESS,SAE8,WOIND* (77139) component no longer available	1
38-	60857GT	FILTER,ELEMENT,BETA(5)=1000 for 77139	
38A	1267807GT	ASSEMBLY, MED. PRESS. FILTER, SAE8	
38A-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS for 1267807	
39	8914GT	SCREW, HHC, 1/4-20 X .625	
40	6356GT	WASHER, LOCK, .25	
41	102045GT	ISOLATOR,ENGINE VIBRATION	
42	122409GT	FORMING,MOUNT,ENGINE,FRONT	2
43	122410GT	FORMING,MOUNT,ENGINE,REAR	2
44	27584GT	SCREW,HHC,M12 X 35MM	
45	49410GT	WASHER, FLAT, M12	
46	18596GT	WASHER,FLAT,1.56 X 2.5 X .061	
47	33418GT	WASHER,FLAT,.625 X 2.25 X.15	
48	13004GT	SCREW,HHC,5/8-11 X 3 GRD.8	
49	122708GT	OIL FILTER	1
50	27034GT	SCREW,HHC,M10 X 25MM,GR 8.8	
51	22699GT	WASHER, FLAT, M10, ZINC PLTD.	
52	111639GT	FORMING,FUEL FILTER MOUNT	1
53	122709GT	FUEL FILTER	1

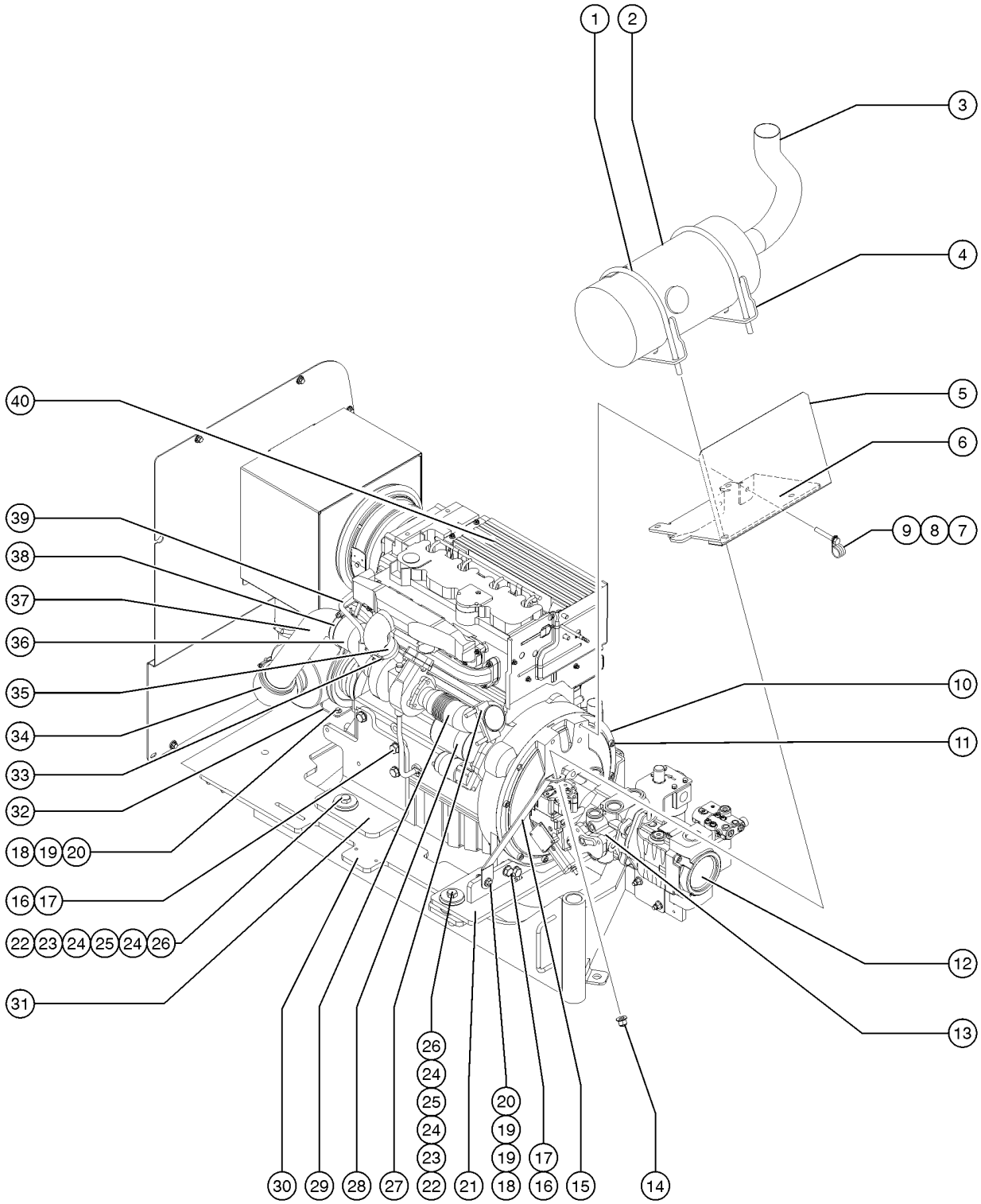
403.1 Deutz BF4L 2011 / TD2011L04i Engine, View 1



403.1 Deutz BF4L 2011 / TD2011L04i Engine, View 1

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)	
1	70449GT	U-BOLT,1/2-13 X 8.5	
2	70444GT	MUFFLER,2.5"INLET/OUTLET	1
2-	101634GT	MUFFLER,CATALYTIC,2.5 I/O	
3	70447GT	TAIL PIPE,DEUTZ	1
3-	71911GT	CLAMP,MUFFLER, 2.50 INCH	
4	70483GT	FORMING,8.5' MUFFLER MOUNT	2
5	102237PGT	FORMING,HEAT SHIELD,MUFFLER	1
6	70448PGT	FORMING,MUFFLER MOUNT	1
7	85053GT	SCREW,HHC,M10 X 1.5 X70,GR 8.8	
8	22699GT	WASHER, FLAT, M10, ZINC PLTD.	
9	60838GT	CLAMP, 1.00, #16 x 1/4, RUB CUSH	1
10	70381GT	COVER,FLYWHEEL CASTING	1
10-	33024GT	FLYWHEEL FLANGE,GREEN PLASTIC to SN 534	1
10-	37003GT	COUPLER,HUB,15 TOOTH 7/16BOLT* to SN 534	1
10-	128023GT	KIT,FBA STYLE COUPLER,SAE8 upgrade kit; replaces flex plate and coupler	
10-	128004GT	COUPLER,15 TOOTH,FBA,SAE8*** from SN 535	
10-	49388GT	SCREW,HHC,M10 X 1.5 X 16 from SN 535	
11	61110GT	SCREW,SHC,M10X1.5X30 GR 12.9	
12		Ref. Lift Pump (refer to 714.1)	
13		Ref. Drive Pump (refer to 714.1)	
14	66777GT	NUT,TOP LOCK,1/2-13	
15	106280GT	BRACE,MUFFLER,DEUTZ***	1
16	22558GT	SCREW,HHC,M14 X 40MM,GR 8.8	

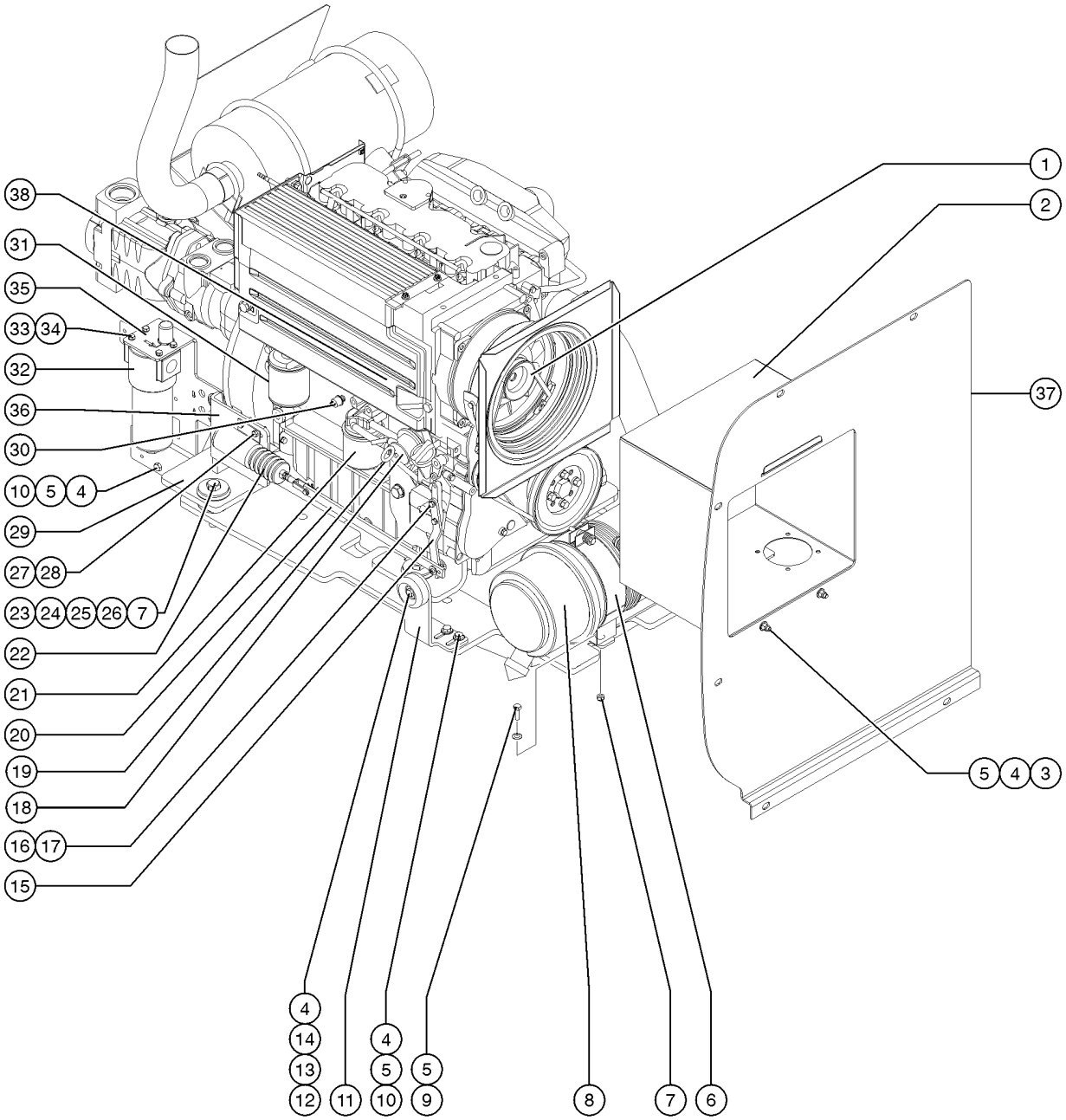
403.1 Deutz BF4L 2011 / TD2011L04i Engine, View 1



403.1 Deutz BF4L 2011 / TD2011L04i Engine, View 1

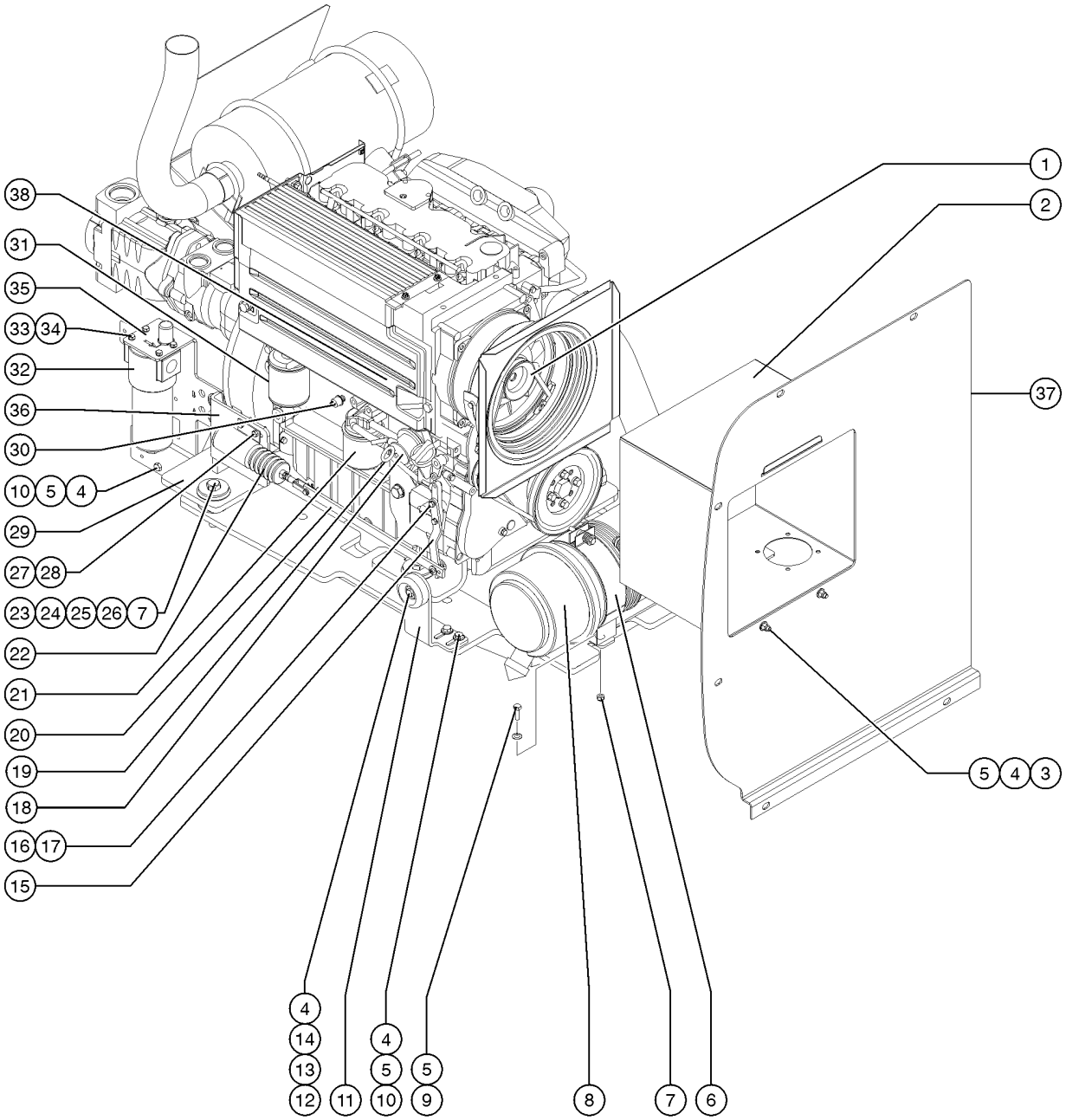
Item	Part No.	Description	Qty.
17	49411GT	WASHER,FLAT,M14	
18	8516GT	SCREW, HCC, 3/8-16 X 1.50	
19	5397GT	WASHER, FLAT, USS, 5/16-18	
20	4828GT	NUT, NYLOCK, 3/8-16	
21	70440GT	WELDMENT,REAR ENGINE MOUNT	1
22	13003GT	SCREW,HHC,5/8-11 X 3.5 GRD.8	
23	33418GT	WASHER,FLAT,.625 X 2.25 X.15	
24	18596GT	WASHER,FLAT,1.56 X 2.5 X .061	
25	102045GT	ISOLATOR,ENGINE VIBRATION	2
26	6024GT	NUT,NYLOCK,5/8-11	
27	71911GT	CLAMP,MUFFLER, 2.50 INCH	
28	139709GT	STARTER, 12V	
28-	139621GT	KIT, HEAT GUARD, DEUTZ STARTER	
29	70445GT	FLEX PIPE,EXHAUST,2.5" DIA	1
29B	71911GT	CLAMP,MUFFLER, 2.50 INCH	
29B	139983GT	EXHAUST PIPE GASKET	
30	128314GT	WELDMENT, ENGINE TRAY	
31	70438GT	FORMING,ENGINE MOUNT***	1
32	102209PGT	FORMING,AIR CLEANER MOUNT PNTD	1
33	102593GT	CLAMP, 3 INCH	
34	139455GT	ELBOW,AIR INTAKE,RUBBER	1
35	226106GT	RUBBER SLEEVES, TD 2011L041	
36	226103GT	INLET REDUCER,TD 2011L04I	
37	102208GT	TUBE,AIR INTAKE,DEUTZ	1
38	30489GT	CLAMP,HOSE,3.50	2
39	226104GT	BREATHER PIPE, TD 2011L04I	
39-	226105GT	GASKET,BREATHER PIPE (226104)	

404.1 Deutz BF4L 2011 / TD2011L04i Engine, View 2



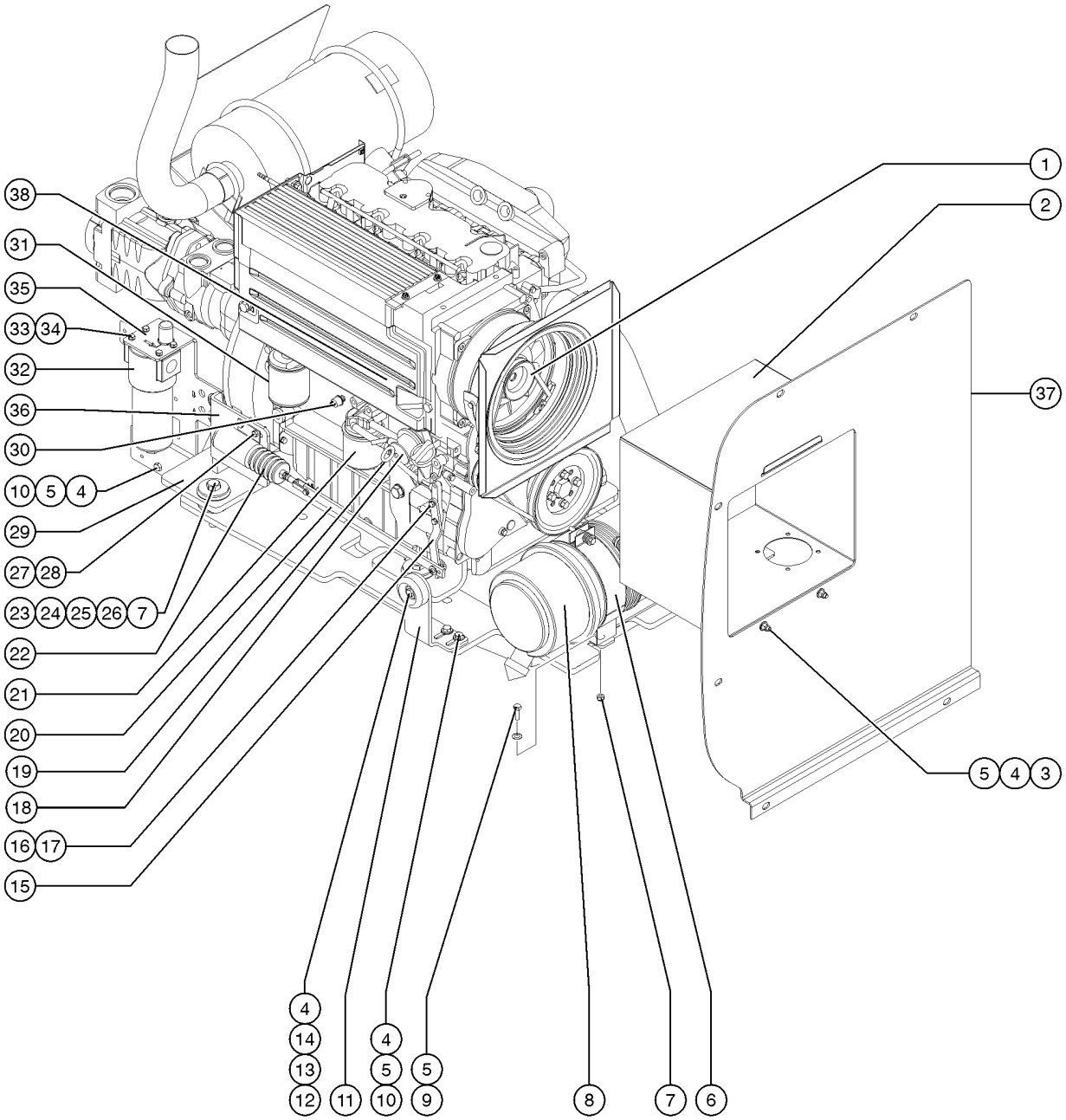
Item	Part No.	Description	Qty.
	139624GT	SWITCH, OIL PRESSURE 1.5 BAR (replaced 65765)	1
	139666GT	KIT,OP SWITCH,DEUTZ (oil pressure kit for models with ALC-500 control system. replaces 65765. includes item 139624 and instructions)	
1	58249GT	ALTERNATOR, DEUTZ,BF4L2011***	1
1-	1280590GT	PULLEY,ALTERNATOR,DEUTZ BF4L2011 for 58249	
1-	1280591GT	SPACER,ALT PULLEY,DEUTZ BF4L2011 for 58249	
1-	102589GT	V-BELT, DEUTZ F4L2011 to SN 777	
1-	58630GT	V-BELT, DEUTZ TD2011LOAI from SN 778	
2	102218PGT	WELDMENT,AIR BOX,DEUTZ PAINTED to SN 777	1
2-	122266GT	WELDMENT, AIR BOX, DEUTZ from SN 778	
3	6175GT	SCREW,HHC,3/8-16 X 1	
4	4828GT	NUT, NYLOCK, 3/8-16	
5	5397GT	WASHER, FLAT, USS, 5/16-18	
6	81468GT	MOUNTING BAND,AIR CLEANER includes hardware	1
7	6024GT	NUT,NYLOCK,5/8-11	
8	81467GT	AIR CLEANER,NELSON	1
8-	75450GT	AIR CLEANER CLIPS, SUPERBOOM for 81467	
8-	75451GT	AIR CLEANER COVER, SUPERBOOM* for 81467	
8-	52866GT	EVACUATOR VALVE-AIR CLEANER for 81467	
8-	62425GT	FILTER,AIR CLEANER, SUPERBOOM for 81467	
8-	70515GT	KIT,PRECLEANER DEUTZ***	
9	13002GT	SCREW,HHC,5/16-18 X 1 GR5	2
10	8516GT	SCREW, HCC, 3/8-16 X 1.50	
11	60778-SGT	FORMING,COVER STOP	1
12	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
13	6097GT	WASHER, FLAT, USS, 3/8", Y	
14	50974GT	BUMPER,RUBBER,COVERS	3
15	70479PGT	FORMING,THROTTLE ARM PAINTED to SN 891	
15-	50787-SGT	LEVER, GOVERNOR ACTUATOR from SN 892	

404.1 Deutz BF4L 2011 / TD2011L04i Engine, View 2



Item	Part No.	Description	Qty.
16	22578GT	SCREW,HHC,M6 X 20MM,GR8.8	
17	49407GT	WASHER,LOCK,M6	
18	111668GT	PUMP,FUEL 2011 DEUTZ ***	1
18-	119344GT	KIT,PRIMER BULB	
19	49922GT	DIPSTICK - DEUTZ F4L1011F to SN 777	
19-	52352GT	DIPSTICK-F3L1011F (DEUTZ) from SN 778	1
20	88512GT	THROTTLE LINK,DSL*** to SN 891	1
20-	139322GT	THROTTLE LINKAGE, DSL from SN 892	
21	108543GT	FILTER / FUEL / SPIN-ON	1
21-	58566GT	FILTER HEAD (29560) plastic	
22	101957GT	SOLENOID,THROTTLE,ASSY.TROMB	1
22-	89998GT	KIT,SERVICE,SOLENOID MODULE	
22-	60525GT	CONN,RECEP 4 WAY,12-14GA	
22-	60526GT	LOCK,RECEP 4 WAY,12-14GA	
22-	60757GT	PLUG, SEAL, 12-18GA	
22-	73711GT	TERMINAL, PIN, DTP, 12-14 AWG, NICKEL, , DEUTSCH, LOOSE	
22-		Ref. Relay Module (refer to 303.1)	
22A	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN includes clevis pin and cotter pin	
23	13003GT	SCREW,HHC,5/8-11 X 3.5 GRD.8	2
24	33418GT	WASHER,FLAT,.625 X 2.25 X.15	
25	18596GT	WASHER,FLAT,1.56 X 2.5 X .061	
26	102045GT	ISOLATOR,ENGINE VIBRATION	2
27	6888GT	SCREW, HHC, 1/4-20 X 1	
28	6091GT	NUT,NYLOCK,1/4-20	
29	70440GT	WELDMENT,REAR ENGINE MOUNT	1
30	111445GT	SENDING UNIT,OIL TEMP SWCH,DTZ	1
30-	58299GT	SENDING UNIT,OIL PRESS.,DEUTZ* not shown	
31	49924GT	FILTER,OIL,DEUTZ Genie Genuine Part. See PN 1255653 for compatible aftermarket replacement.	1

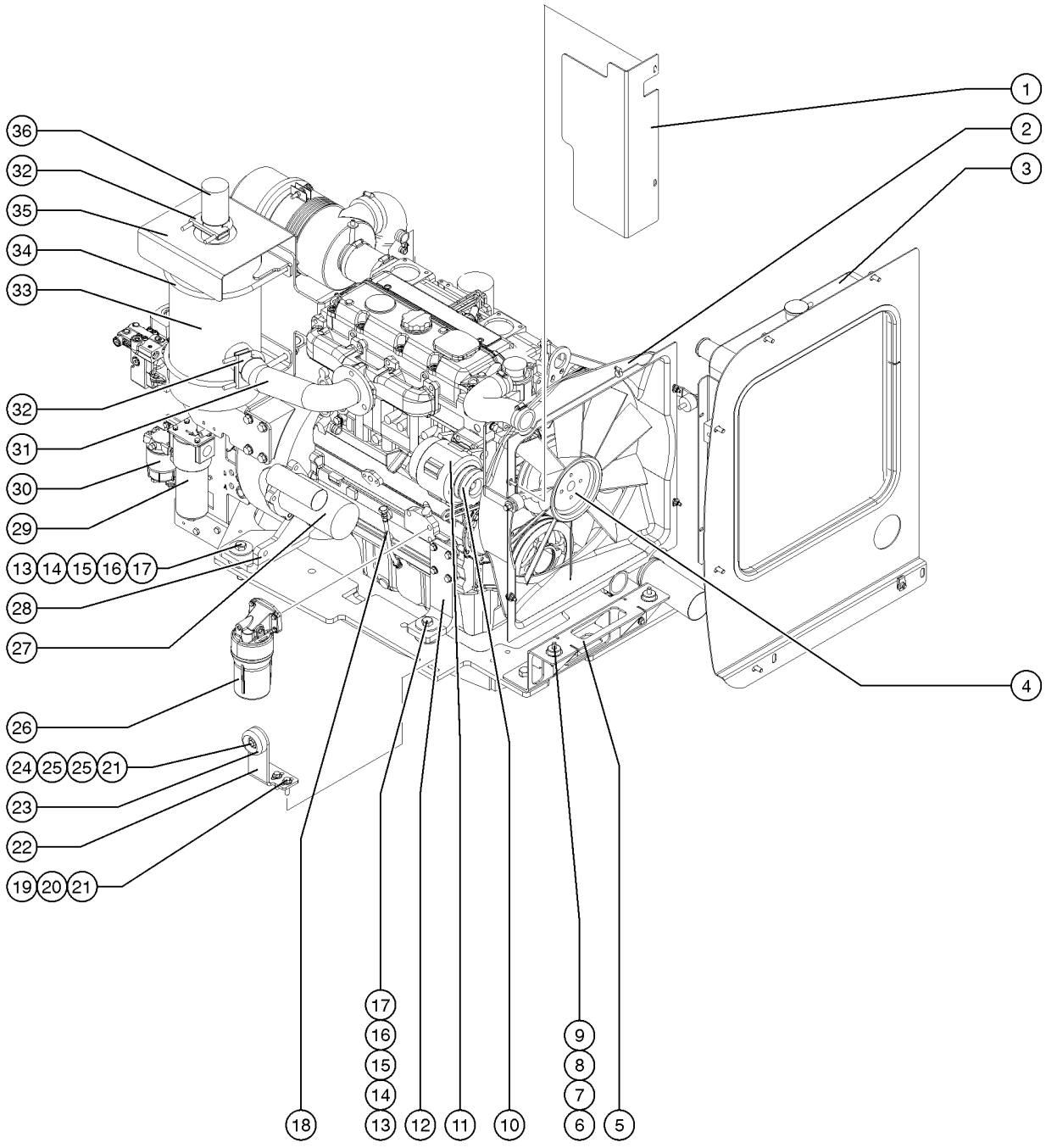
404.1 Deutz BF4L 2011 / TD2011L04i Engine, View 2



404.1 Deutz BF4L 2011 / TD2011L04i Engine, View 2

Item	Part No.	Description	Qty.
31-	1255653GT	FILTER,OIL,DEUTZ,REPLACEMENT Genie Aftermarket Part. Compatible with Genie Genuine Part 49924.	1
32		FILTER ASY,M PRESS,SAE8,WOIND* (77139) component no longer available	1
32-	60857GT	FILTER,ELEMENT,BETA(5)=1000 for 77139	
32A	1267807GT	ASSEMBLY, MED. PRESS. FILTER, SAE8	
32A-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS for 1267807	
33	6090GT	SCREW, HHC, 1/4-20 X .75	
34	6356GT	WASHER, LOCK, .25	
35	128525GT	BRCKT,MED.FILTER,TEST PORT	1
36A	70478PGT	FORMING,SOLENOID MOUNT PAINTED to SN 891	
36B	139321GT	FORMING, SOLENOID MOUNT*** from SN 892	
37	70557PGT	BAFFLE,ENGINE AIR,PAINTED	
38	T114678GT	SHUTDOWN SOLENOID,12V, DEUTZ (includes o-ring)	1
38-	58256GT	SOLENOID CABLE ASSY***	
38-	72255GT	CONNECTOR, DEUTZ FUEL SHUTOFF* Does not include 45782 DIODE	
38-	56445GT	DIODE,6 AMP 200 PIV,REEL	

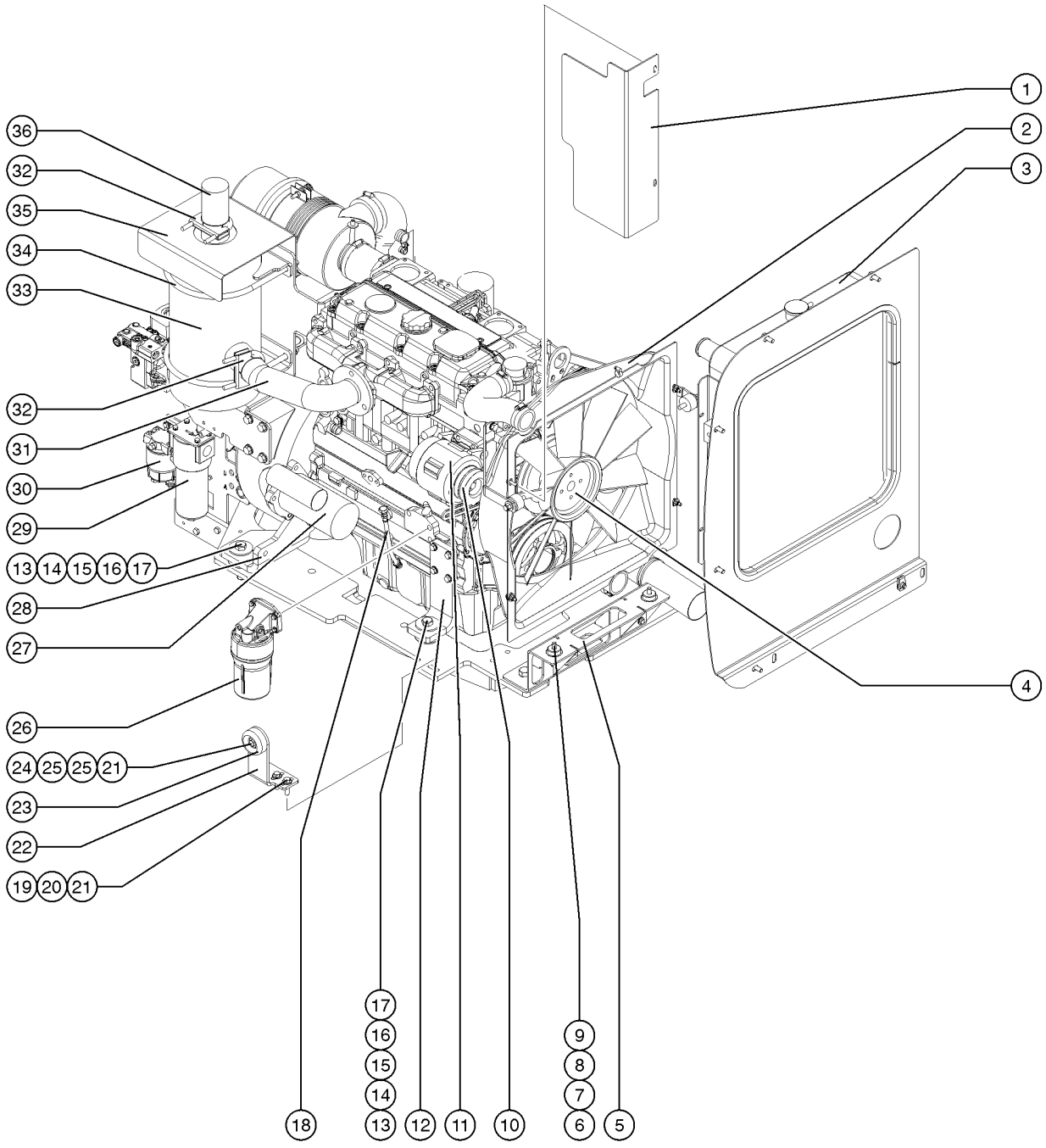
405.1 Perkins 1104C-44 Engine, View 1 (to SN 952)



405.1 Perkins 1104C-44 Engine, View 1 (to SN 952)

Item	Part No.	Description	Qty.
1	70540GT	FAN GUARD,PERKINS	1
2	60649GT	SHROUD,FAN (FIBERGLASS)	1
3	70518GT	RADIATOR	1
3-	65473GT	CAP,RADIATOR,PERKINS/FORD	
4	75328GT	FAN,PULLER,PERKINS,1004-42	1
5	75297GT	WELDMENT,RADIATOR MOUNT**	1
6	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	2
7	6021GT	WASHER, LOCK, .375	
8	44714GT	WASHER,.375X1.25X.100	
9	75259GT	ISOLATOR,CENTER BONDED	2
10	102598GT	BELT,V,(2) PERKINS 1104C-44	2
11	102646GT	ALTERNATOR,PERKINS 1104C-44	1
12	60564GT	BRACKET,ENG.MOUNT,FRT.PERKINS	2
13	13003GT	SCREW,HHC,5/8-11 X 3.5 GRD.8	4
14	33418GT	WASHER,FLAT,.625 X 2.25 X.15	
15	102045GT	ISOLATOR,ENGINE VIBRATION	4
16	13064GT	WASHER,FLAT,.625 HARDENED	
17	6024GT	NUT,NYLOCK,5/8-11	
18	102631GT	DIPSTICK,PERKINS 1104C-44	1
19	8516GT	SCREW, HCC, 3/8-16 X 1.50	
20	5397GT	WASHER, FLAT, USS, 5/16-18	
21	4828GT	NUT, NYLOCK, 3/8-16	
22	60778-SGT	FORMING,COVER STOP	1
23	50974GT	BUMPER,RUBBER,COVERS	1
24	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
25	6097GT	WASHER, FLAT, USS, 3/8", Y	
26	102632GT	FILTER,OIL,PERKINS 1104C-44	1
27	226627GT	STARTER,ENG,PERK T3 6/8/10K	1

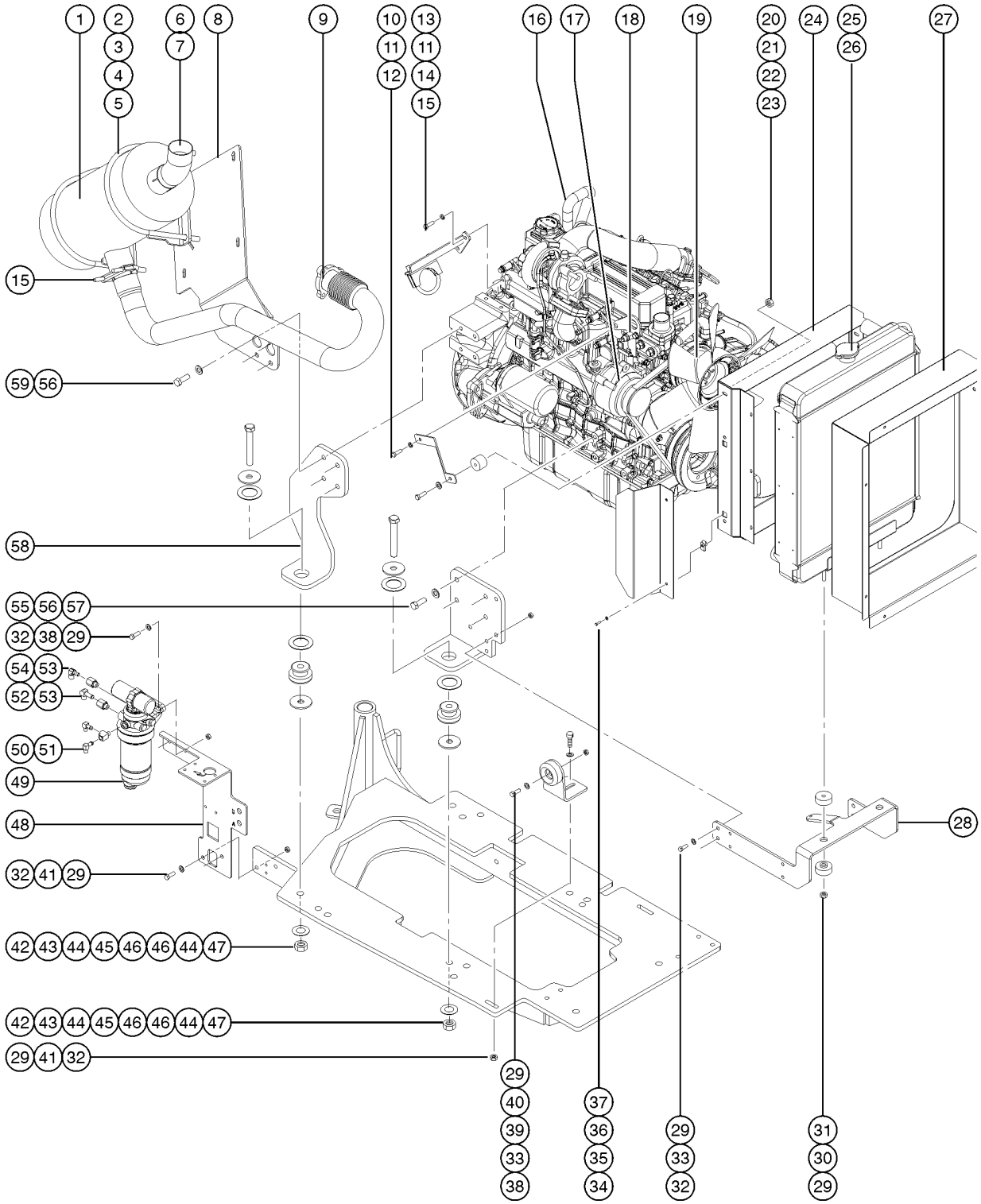
405.1 Perkins 1104C-44 Engine, View 1 (to SN 952)



405.1 Perkins 1104C-44 Engine, View 1 (to SN 952)

Item	Part No.	Description	Qty.
28	101931PGT	MOUNT,PERKINS 1104 RH PAINTED	2
29		FILTER ASY,M PRESS,SAE8,WOIND* (77139) component no longer available	1
29-	60857GT	FILTER,ELEMENT,BETA(5)=1000 for 77139	
39A	1267807GT	ASSEMBLY, MED. PRESS. FILTER, SAE8	
39A-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS for 1267807	
30	75020GT	SEPRTR/FLTR,FUEL DSL,15GPH,.30	1
30-	62433GT	FILTER,ELEMENT,30 MIC,75020	
31	70553GT	WELDMENT,EXHAUST HEADER	1
32	71911GT	CLAMP,MUFFLER, 2.50 INCH	2
33	70444GT	MUFFLER,2.5"INLET/OUTLET	1
33-	101634GT	MUFFLER,CATALYTIC,2.5 I/O	
34	70449GT	U-BOLT,1/2-13 X 8.5	2
35	70554GT	HEAT SHIELD,PERKINS MUFFLER	1
36	94324GT	TUBE,RD,STL,ALUMIZD,2.5 X .065	1

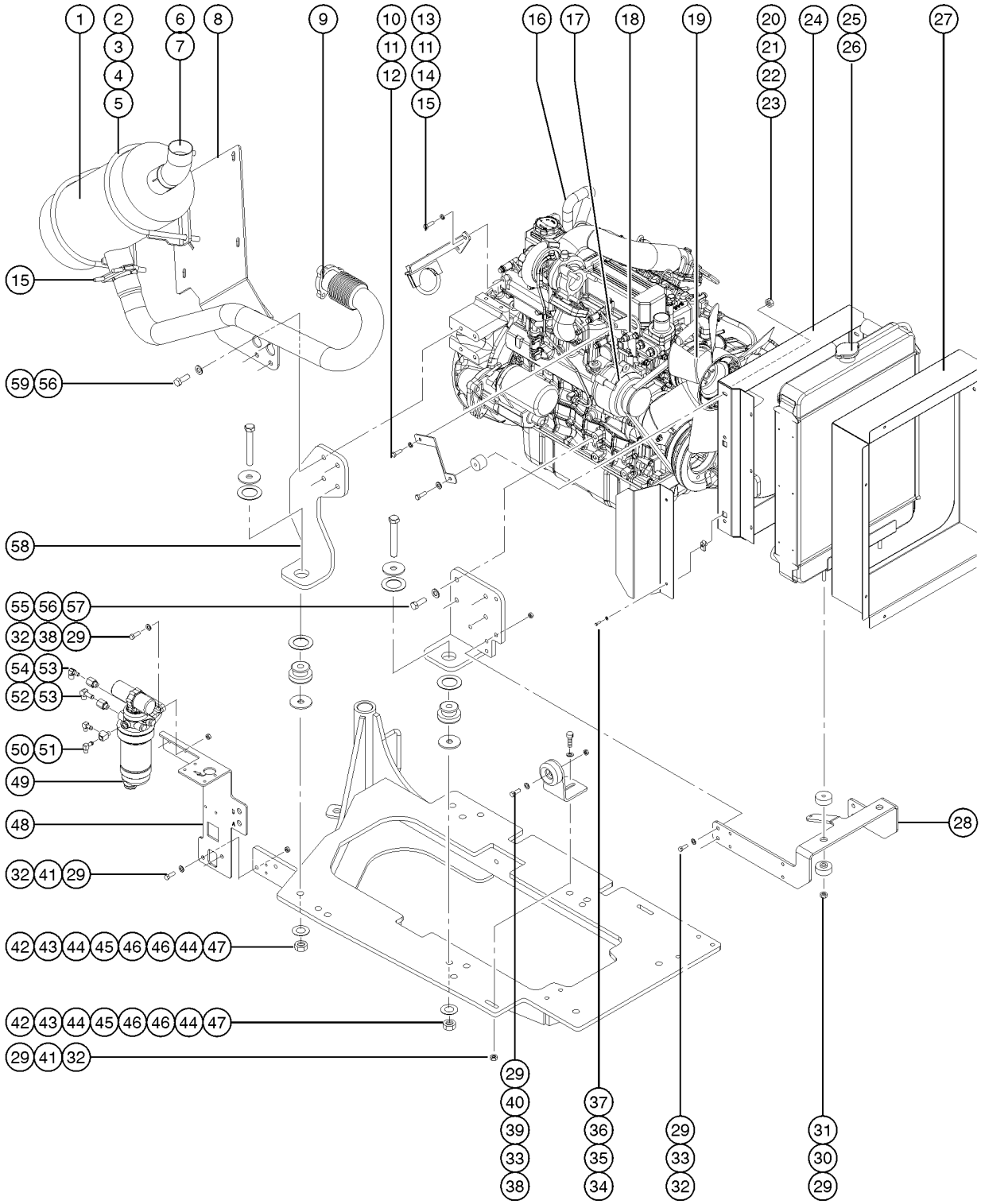
405.2 Perkins 804D-33T Engine, View 1 (from SN 953)



405.2 Perkins 804D-33T Engine, View 1 (from SN 953)

Item	Part No.	Description	Qty.
-	128802GT	HARNESS, PERKINS ENGINE	1
B	107546GT	STARTER MOTOR,PERKINS(804C-33)	1
1	70444GT	MUFFLER,2.5"INLET/OUTLET	1
2	70449GT	U-BOLT,1/2-13 X 8.5	
3	70483GT	FORMING,8.5' MUFFLER MOUNT	
4	13066GT	WASHER,FLAT,.5 HARDENED	
5	66777GT	NUT,TOP LOCK,1/2-13	
6	101619GT	PIPE,TAIL	
7	30438GT	CLAMP,MUFFLER,2 1/4" ID.	
8		WELDMENT, MUFFLER SUPPORT no longer available	1
9	128198GT	WELDMENT, EXHAUST, 804T	1
10	85064GT	SCREW,SHC,M8 X 1.25 X 16 MM	
11	49408GT	WASHER, LOCK, M8	
12	106104GT	O-RING,SEAL RING,1" NPT (PKG)	
13	23057GT	SCREW,HHC,M8 X 20MM	
14	128280GT	WELDMENT, EXHAUST SUPPORT	1
15	71911GT	CLAMP,MUFFLER, 2.50 INCH	
16	128661GT	HOSE, CRANKCASE BREATHER	1
17		ALTERNATOR no longer available	
17-	102534GT	V-BELT, PERKINS 804C-33 (for alternator)	
18A	128638GT	SENSOR, TEMP. SENDER, M16X1.5	1
18A-	128801GT	O-RING, M16, ISO	
18A-	128858GT	WASHER, RETAINING, M16	
18B	1281249GT	SWITCH,COLD START ADVANCE WATER SENSOR	1
19	75328GT	FAN,PULLER,PERKINS,1004-42	1
20	22571GT	NUT,HEX,M8 X 1.25	
21	60585GT	ISOLATOR,VIBRATION,M8 MALE/FEM	
22	33277GT	WASHER,FLAT,M8,YELLOW ZINC	

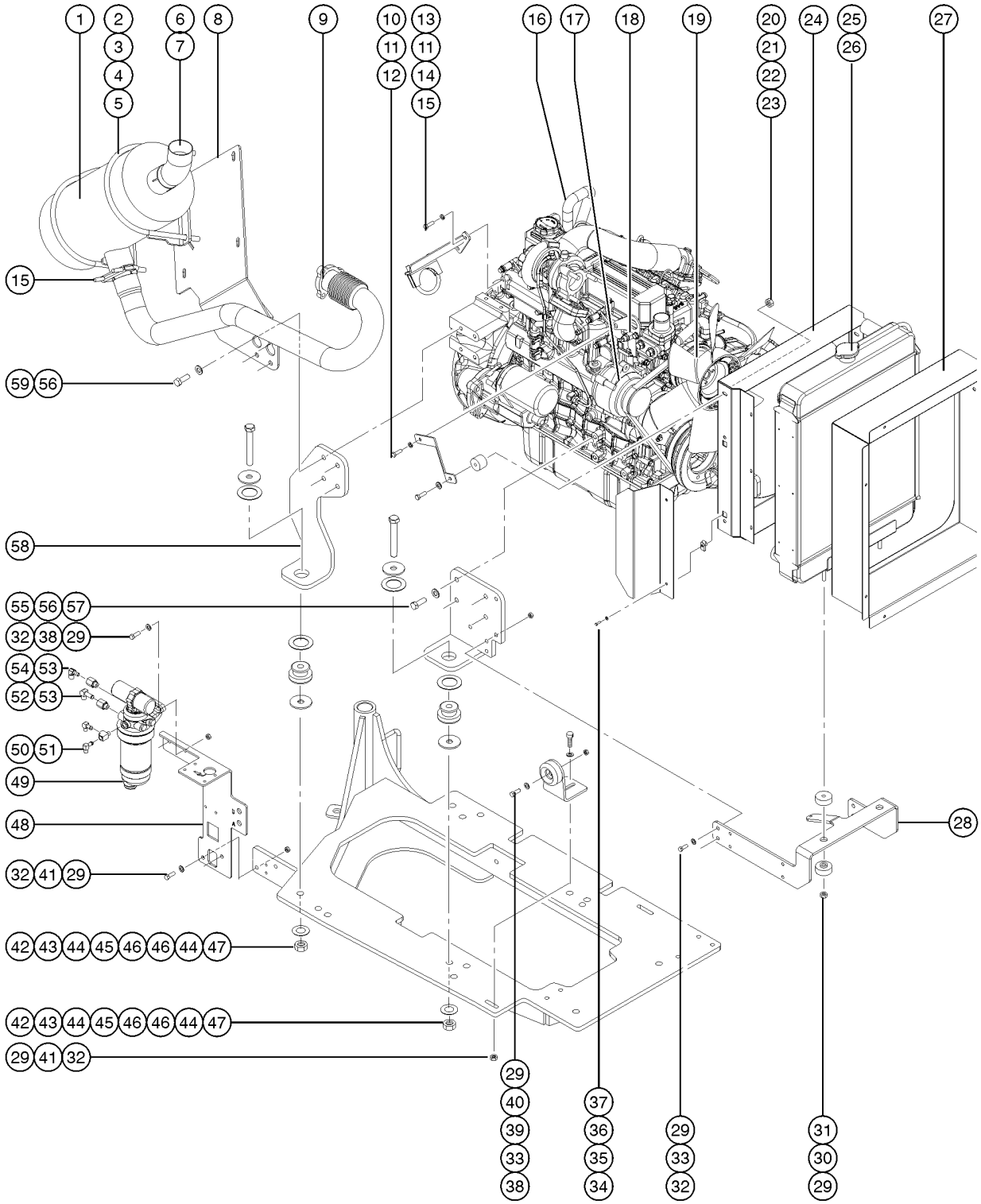
405.2 Perkins 804D-33T Engine, View 1 (from SN 953)



405.2 Perkins 804D-33T Engine, View 1 (from SN 953)

Item	Part No.	Description	Qty.
23	101629GT	SCREW,HHC,M8 X 10MM	
24	101603PGT	SHROUD,FAN,PERKINS PAINTED	1
24A	101604PGT	BRACKET,FAN SHROUD,RH,PAINTED refer to 406.2 for left bracket	1
25	65473GT	CAP,RADIATOR,PERKINS/FORD	1
26	110304GT	RADIATOR,FORD/PERKINS***	1
27	128247GT	FORMING, FAN BAFFLE	1
28	101606PGT	BRACKET,RADIATOR SUPPORT PNTD	1
29	4828GT	NUT, NYLOCK, 3/8-16	
30	24038GT	SHOCK MOUNT,SMALL	
31	24037GT	SHOCK MOUNT,LARGE**	
32	8516GT	SCREW, HCC, 3/8-16 X 1.50	
33	6097GT	WASHER, FLAT, USS, 3/8", Y	
34	6090GT	SCREW, HHC, 1/4-20 X .75	
35	6146GT	WASHER,FLAT,MS,#10,Y	
36	139066GT	FORMING, BELT GUARD	
37	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	6
38	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
39	50974GT	BUMPER,RUBBER,COVERS	
40	54363GT	BRACKET,RUBBER BUMPER,ENGCOVER	
41	5397GT	WASHER, FLAT, USS, 5/16-18	
42	6024GT	NUT,NYLOCK,5/8-11	
43	13064GT	WASHER,FLAT,.625 HARDENED	
44	33418GT	WASHER,FLAT,.625 X 2.25 X.15	
45	102045GT	ISOLATOR,ENGINE VIBRATION	
46	18596GT	WASHER,FLAT,1.56 X 2.5 X .061	
47	13003GT	SCREW,HHC,5/8-11 X 3.5 GRD.8	
48	128660GT	FORMING, FILTER SUPPORT	1
49	101644GT	FUEL LIFT PUMP/FILTER ASSY	1

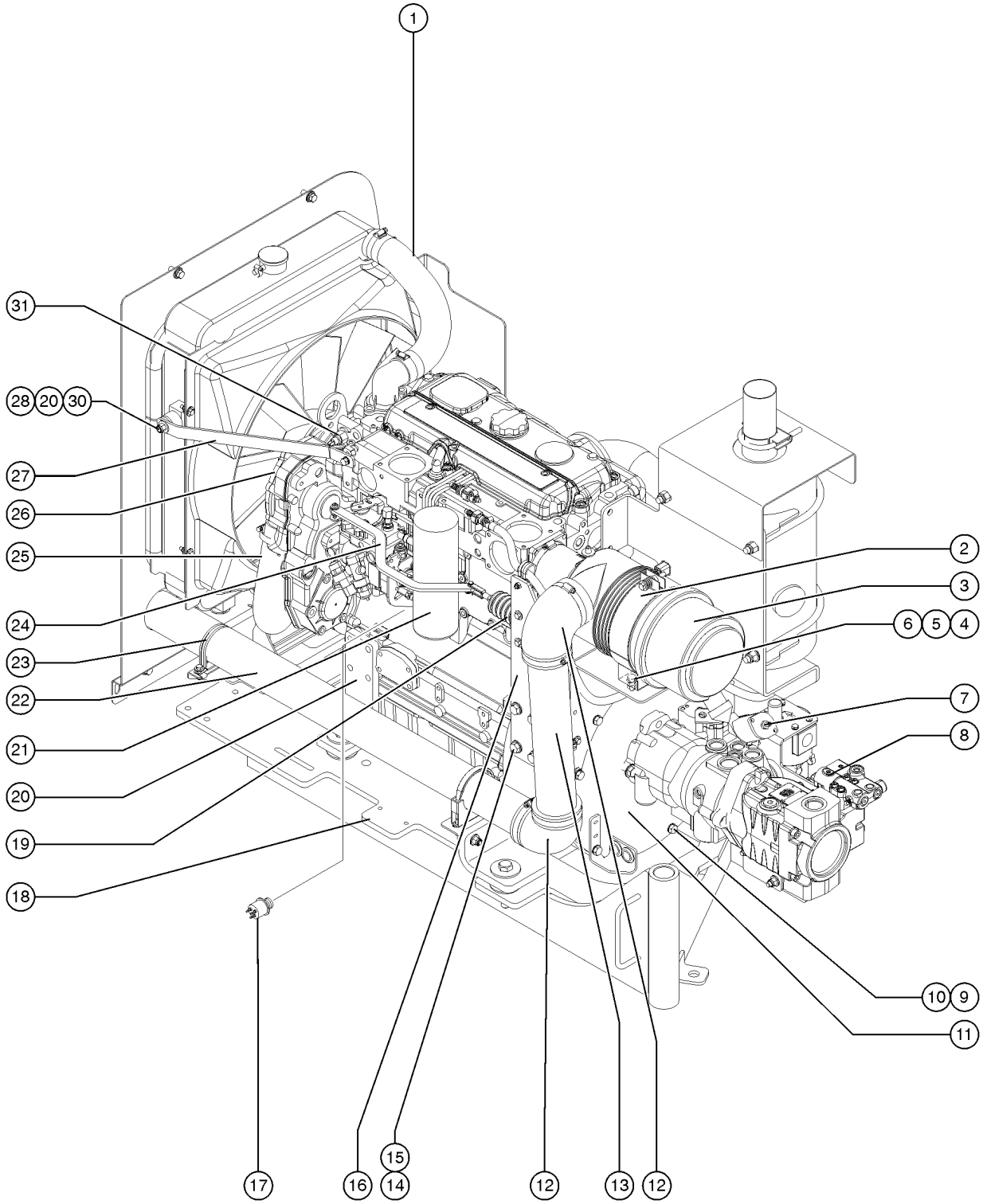
405.2 Perkins 804D-33T Engine, View 1 (from SN 953)



405.2 Perkins 804D-33T Engine, View 1 (from SN 953)

Item	Part No.	Description	Qty.
50	38922GT	ELBOW,90DEG.1/8MPT-5/16 BARB	
51	41468GT	TEE,BRASS STREET,.12 NPT	
52	31817GT	ELBOW,90DEG.1/4MPT-3/8 BARB	
53	101628GT	ADAPTER,1/4 FNPT X 1/2-20 UNF	
54	54205GT	HOSE END,BARB,1/4 MNPTX5/16,90	
55	49381GT	SCREW,HHC,M12 X 30	
56	49410GT	WASHER, FLAT, M12	
57	128243GT	WELDMENT, ENGINE MNT, RF	1
58	128242GT	ENGINE MOUNT, RR	1
59	27584GT	SCREW,HHC,M12 X 35MM	

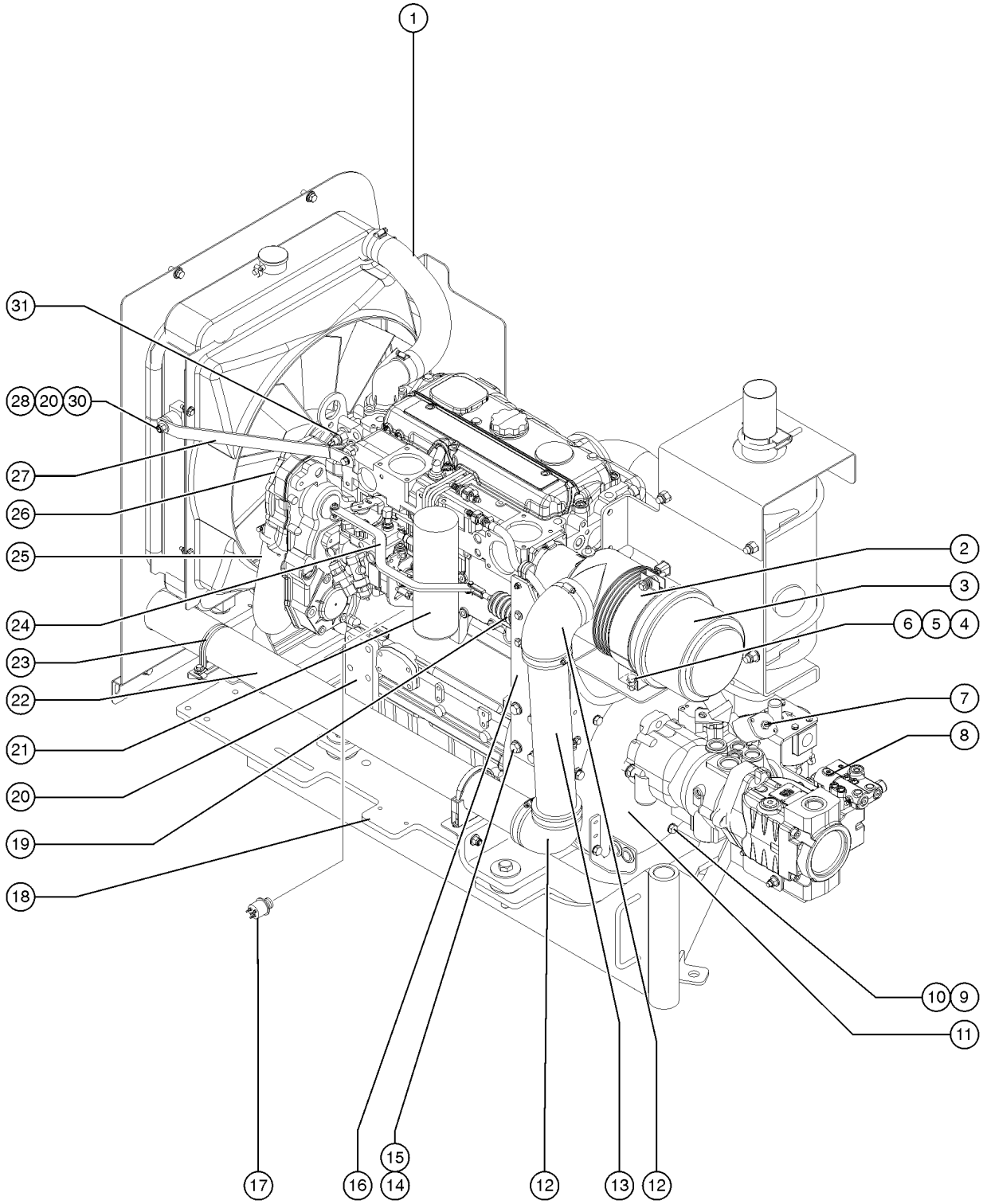
406.1 Perkins 1104C-44 Engine, View 2 (to SN 952)



406.1 Perkins 1104C-44 Engine, View 2 (to SN 952)

Item	Part No.	Description	Qty.
-	102638GT	ADAPTER-FUEL FILTER, PERK 1104	
1	60576GT	RADIATOR HOSE,UPPER-PERKINS	1
2	81468GT	MOUNTING BAND,AIR CLEANER	1
3	81467GT	AIR CLEANER,NELSON	1
3-	75450GT	AIR CLEANER CLIPS, SUPERBOOM for 81467	
3-	75451GT	AIR CLEANER COVER, SUPERBOOM* for 81467	
3-	52866GT	EVACUATOR VALVE-AIR CLEANER for 81467	
3-	62425GT	FILTER,AIR CLEANER, SUPERBOOM for 81467	
3-	98012GT	OPTION,PRECLEANER PERKINS	
4	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8	2
5	13064GT	WASHER,FLAT,.625 HARDENED	2
6	6024GT	NUT,NYLOCK,5/8-11	
7		Ref. Drive Pump (refer to 714.1)	
8		Ref. Lift Pump (refer to 714.1)	
9	44064GT	SCREW,HHC,M10 X 30MM,	
10	22699GT	WASHER, FLAT, M10, ZINC PLTD.	
11	60322-SGT	PLATE,PUMP MOUNT	1
12	60561GT	ELBOW,INLET,CUMMINS	2
13	81738GT	TUBE,RD,STL 3 X 18GA ALUMINIZD	1
14	49381GT	SCREW,HHC,M12 X 30	
15	49410GT	WASHER, FLAT, M12	
16	101217PGT	PLATE,THROTTLE ACTUATOR MOUNT	1
17	102348GT	SENDING UNIT,OIL PRESS PERKINS	1
18	89511GT	WELDMENT,ENGINE TRAY	1
19	101957GT	SOLENOID,THROTTLE,ASSY.TROMB	1
19-	89998GT	KIT,SERVICE,SOLENOID MODULE	
19-	60525GT	CONN,RECEP 4 WAY,12-14GA	
19-	60526GT	LOCK,RECEP 4 WAY,12-14GA	

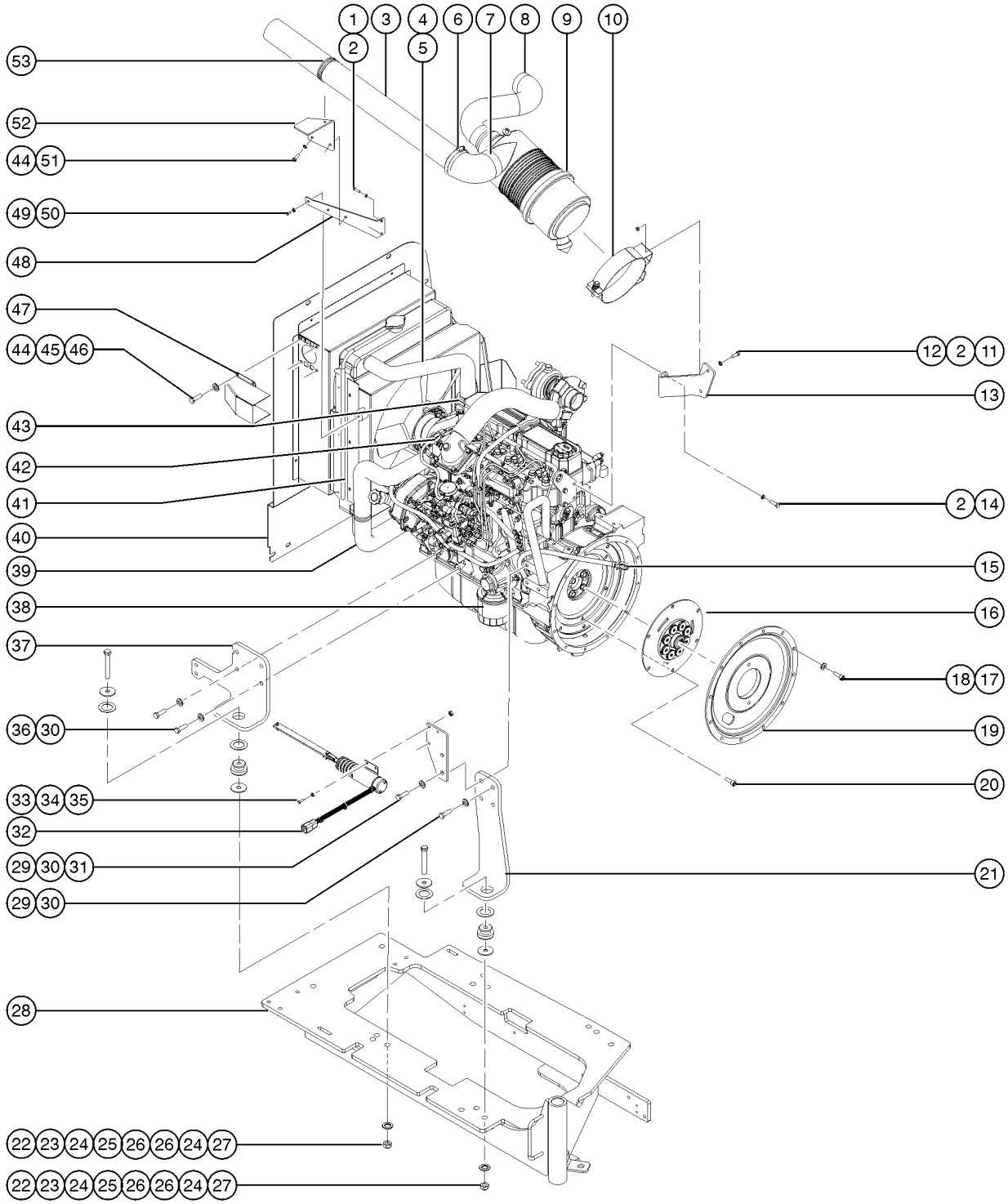
406.1 Perkins 1104C-44 Engine, View 2 (to SN 952)



406.1 Perkins 1104C-44 Engine, View 2 (to SN 952)

Item	*Part No.*	*Description*	*Qty.*
19-	60757GT	PLUG, SEAL, 12-18GA	
19-	73711GT	TERMINAL, PIN, DTP, 12-14 AWG, NICKEL, , DEUTSCH, LOOSE	
19-		Ref. Relay Module (refer to 303.1)	
20	60564GT	BRACKET,ENG.MOUNT,FRT.PERKINS	1
21	102639GT	FILTER,FUEL, PERKINS 1104C	1
22	81738GT	TUBE,RD,STL 3 X 18GA ALUMINIZD	1
23	70257GT	CLAMP,3.0,#48 X 1/4,RUB CUSH	2
24	101219GT	THROTTLE LINKAGE,PERKINS 1104C	1
25	75555GT	RADIATOR HOSE,LOWER-PERKINS	1
26	102643GT	PUMP, WATER,PERKINS 1104C-44	1
26-	102644GT	GASKET-PUMP WATE,PERK 1104C-44	
27	101655PGT	BRACKET,RADIATOR SUPP,LH PAINT	2
28	75260GT	ISOLATOR,FLEX-BOLT SANDWICH***	2
29	6097GT	WASHER, FLAT, USS, 3/8", Y	
30	4828GT	NUT, NYLOCK, 3/8-16	
31	34058GT	SENDING UNIT,TMP,FRD,GM,PRK704	1

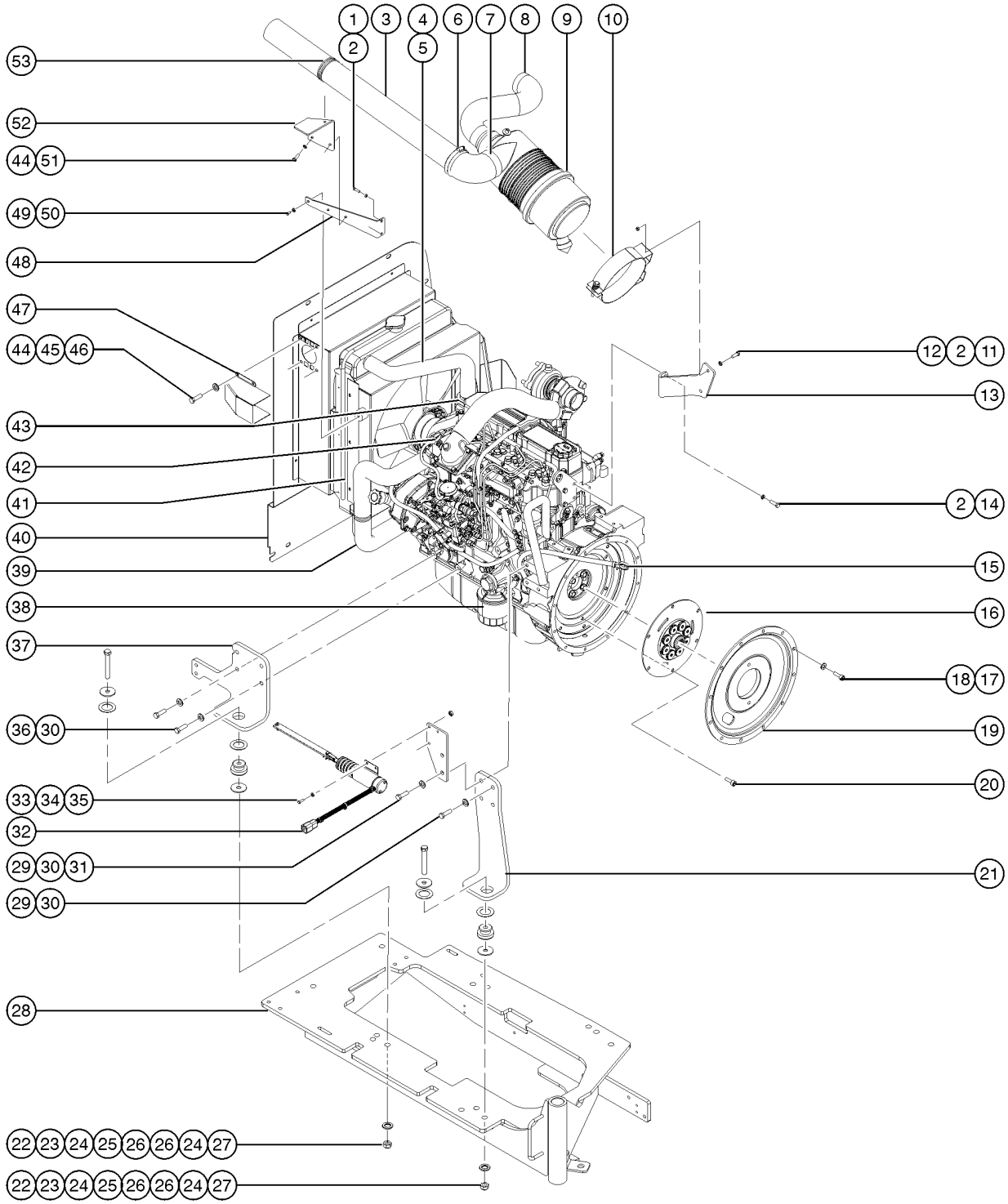
406.2 Perkins 804D-33T Engine, View 2 (from SN 953)



406.2 Perkins 804D-33T Engine, View 2 (from SN 953)

Item	Part No.	Description	Qty.
1	23057GT	SCREW,HHC,M8 X 20MM	
2	49408GT	WASHER, LOCK, M8	
3	81738-3300GT	TUBE,RD,STL 3 X 18GA ALUMINIZD	1
4	101601GT	HOSE,RADIATOR,UPPER,PERKINS	1
5	35434GT	CLAMP,HOSE,2.00***	
6	30489GT	CLAMP,HOSE,3.50	
7	60561GT	ELBOW,INLET,CUMMINS	1
8	128207GT	HOSE, AIR INTAKE, 804T	1
9	81467GT	AIR CLEANER,NELSON	1
9-	75450GT	AIR CLEANER CLIPS, SUPERBOOM for 81467	
9-	75451GT	AIR CLEANER COVER, SUPERBOOM* for 81467	
9-	52866GT	EVACUATOR VALVE-AIR CLEANER for 81467	
9-	62425GT	FILTER,AIR CLEANER, SUPERBOOM for 81467	
10	81468GT	MOUNTING BAND,AIR CLEANER	1
11	49378GT	SCREW,HHC,M8 X 16	
12	6091GT	NUT,NYLOCK,1/4-20	
13	128248GT	FORMING, FILTER SUPPORT	1
14	49379GT	SCREW,HHC,M8 X 1.25 X 25	
15	128424GT	ASSEMBLY, DIPSTICK TUBE	1
16	128004GT	COUPLER,15 TOOTH,FBA,SAE8***	1
17	27034GT	SCREW,HHC,M10 X 25MM,GR 8.8	
18	22699GT	WASHER, FLAT, M10, ZINC PLTD.	
19	61781GT	CASTING,SAE 4 PUMP MOUNT,MACHI	1
20	62476GT	SCREW,SHC,M10X1.5X20MM (75090)	
21	128244GT	ENGINE MOUNT, LR	1
22	6024GT	NUT,NYLOCK,5/8-11	
23	13064GT	WASHER,FLAT,.625 HARDENED	
24	33418GT	WASHER,FLAT,.625 X 2.25 X.15	

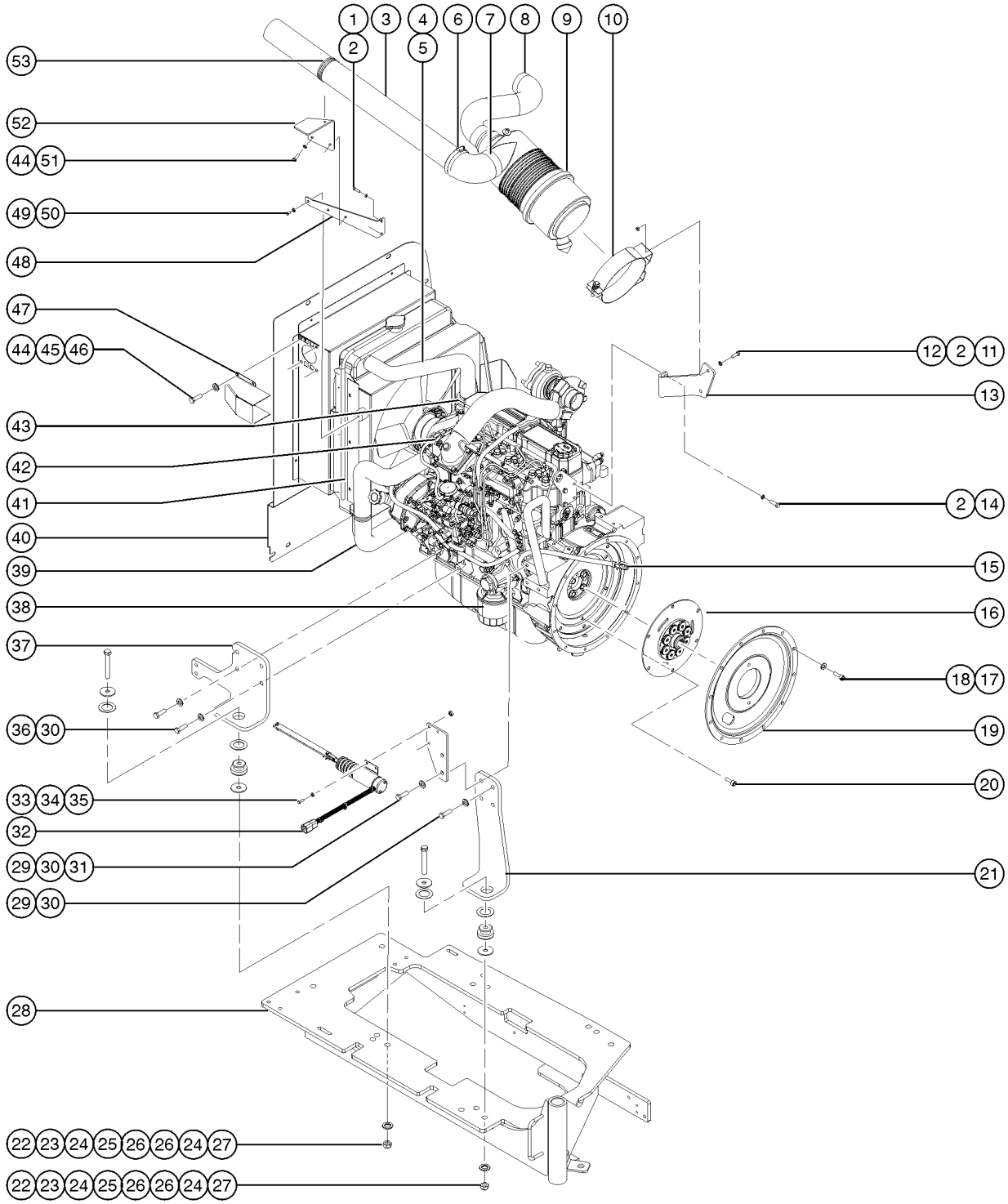
406.2 Perkins 804D-33T Engine, View 2 (from SN 953)



406.2 Perkins 804D-33T Engine, View 2 (from SN 953)

Item	Part No.	Description	Qty.
25	102045GT	ISOLATOR,ENGINE VIBRATION	
26	18596GT	WASHER,FLAT,1.56 X 2.5 X .061	
27	13003GT	SCREW,HHC,5/8-11 X 3.5 GRD.8	
28	128314GT	WELDMENT, ENGINE TRAY	1
29	60868GT	SCREW,HHC,M12 X 45	
30	49410GT	WASHER, FLAT, M12	
31	128554GT	PLATE, SOLENOID MOUNT	1
32	101957GT	SOLENOID,THROTTLE,ASSY.TROMB	1
32-	89998GT	KIT,SERVICE,SOLENOID MODULE	
32-	73711GT	TERMINAL, PIN, DTP, 12-14 AWG, NICKEL, , DEUTSCH, LOOSE	
32-	6578GT	CABLE TIE,7 3/8"	
32-	60757GT	PLUG, SEAL, 12-18GA	
32-	60526GT	LOCK,RECEP 4 WAY,12-14GA	
32-	60525GT	CONN,RECEP 4 WAY,12-14GA	
32-	53471GT	WIRE LOOM,3/8 NYLON,HI TEMP	
32A	128555GT	THROTTLE, LINKAGE	1
32A	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN	
33	6090GT	SCREW, HHC, 1/4-20 X .75	
34	6638GT	WASHER, FLAT, USS, 1/4"Y	
35	6091GT	NUT,NYLOCK,1/4-20	
36	27584GT	SCREW,HHC,M12 X 35MM	
37	128245GT	ENGINE MOUNT, LF	1
38	101613GT	ELEMENT,OIL FILTER,PERKINS***	1
39	101602GT	HOSE,RADIATOR,LOWER,PERKINS	1
40	128250GT	FORMING, ENGINE BAFFLE	1
41	106226-4000GT	TUBING, VINYL, 1/2" CLEAR	1
42	226060GT	PUMP,WATER,PERKINS 804D-33T	
42-	226061GT	GASKET-PUMP WATE,PERK 804D-33T	

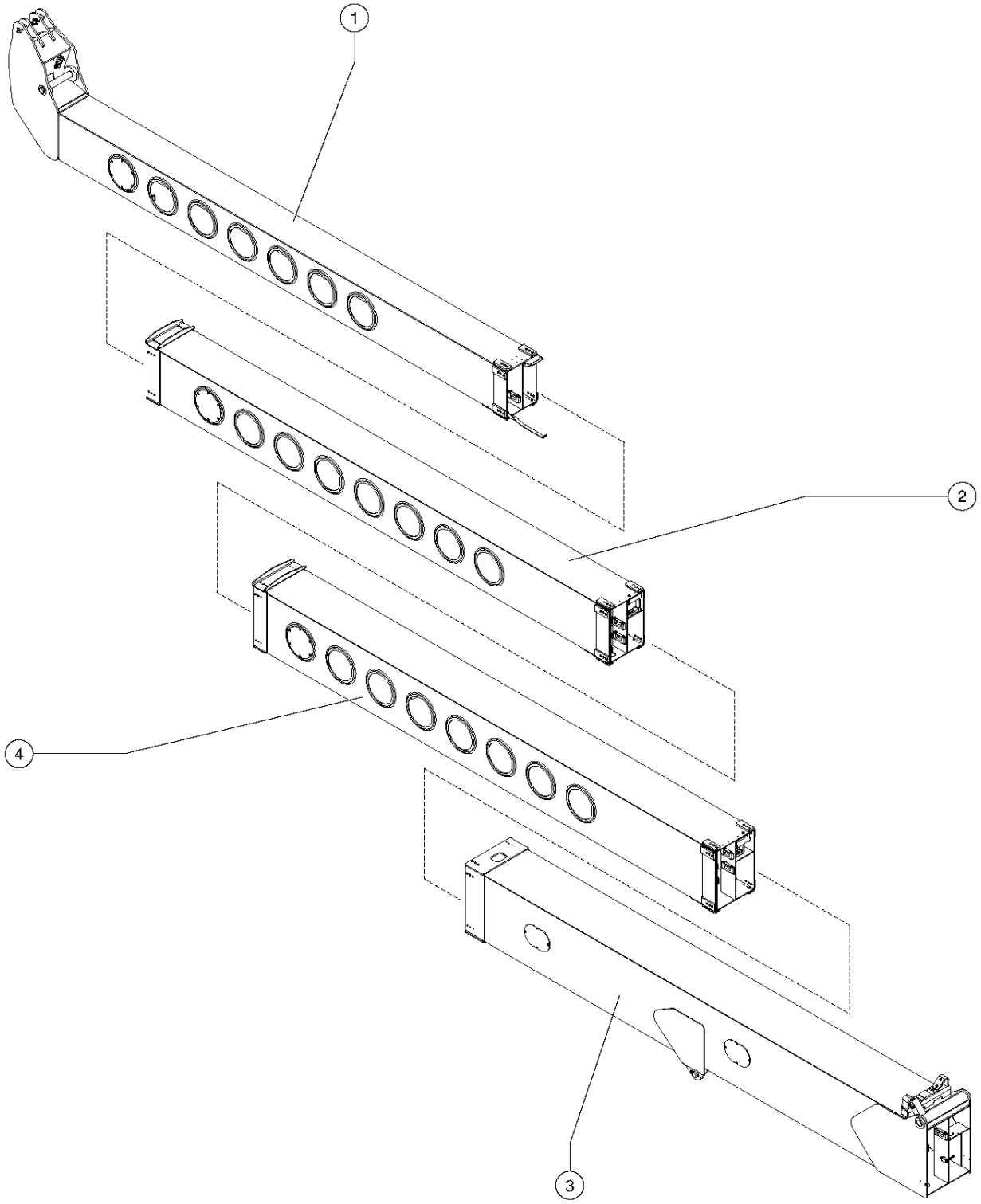
406.2 Perkins 804D-33T Engine, View 2 (from SN 953)



406.2 Perkins 804D-33T Engine, View 2 (from SN 953)

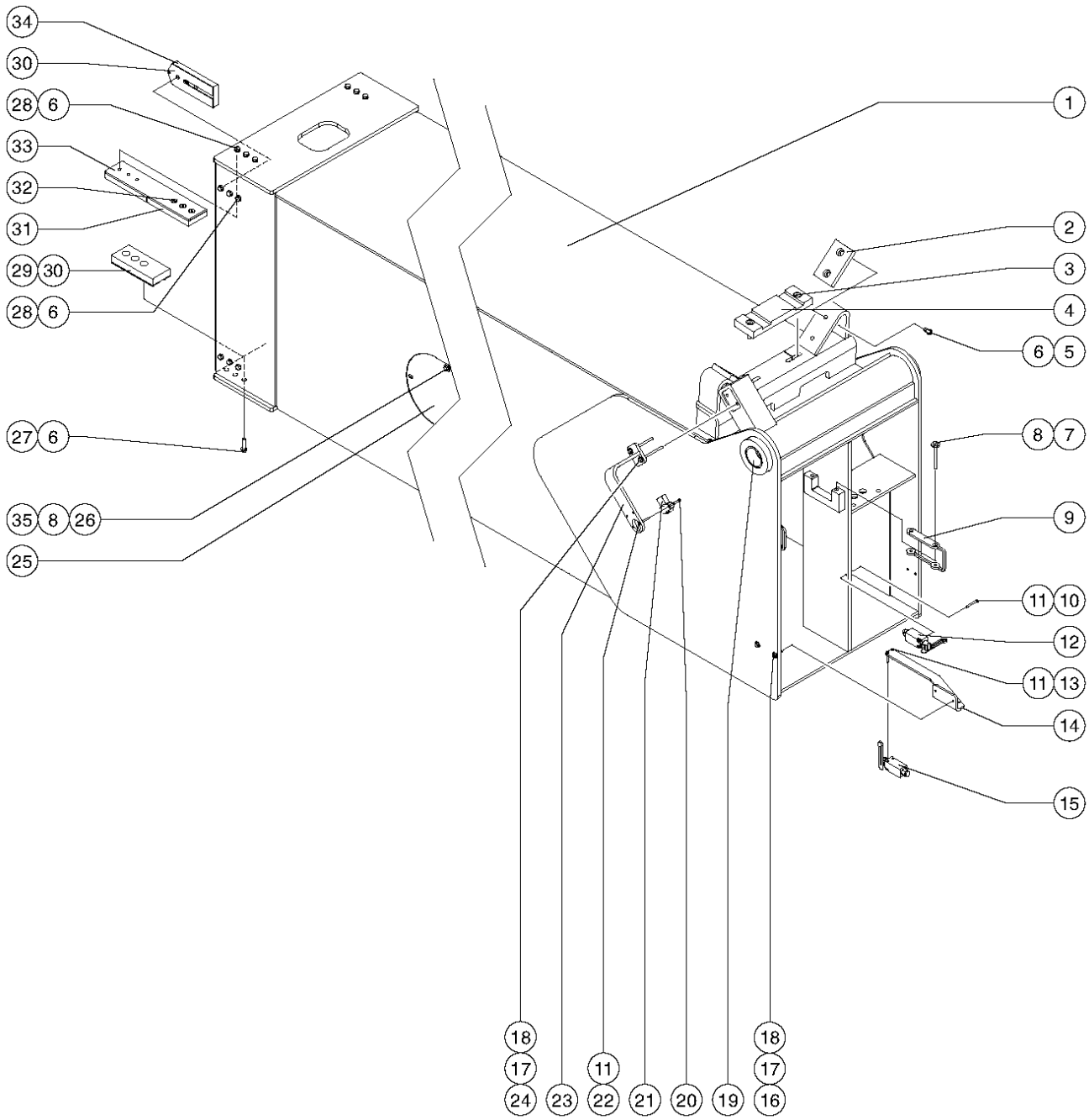
Item	Part No.	Description	Qty.
43	226127GT	THERMOSTAT, 180 DEG.F	
43-	226128GT	GASKET, (226127)	
44	6888GT	SCREW, HHC, 1/4-20 X 1	
45	6356GT	WASHER, LOCK, .25	
46	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
47	128249GT	FORMING, INTAKE DUCT	1
48	128246GT	BRACKET, FAN SHROUD, LH refer to 405.2 for right bracket	1
49	101629GT	SCREW,HHC,M8 X 10MM	
50	33277GT	WASHER,FLAT,M8,YELLOW ZINC	
51	6638GT	WASHER, FLAT, USS, 1/4"Y	
52	128421GT	FORMING, INTAKE TUBE MNT	1
53	70257GT	CLAMP,3.0,#48 X 1/4,RUB CUSH	

501.1 Secondary Boom Tube Reference



Item	*Part No.*	*Description*	*Qty.*
1	227780GT	ASSY,RISER BOOM #4 to SN 161; REFER TO SECTION 505.1	
1-	119849GT	ASSEMBLY,RISER BOOM #4*** from SN 162; REFER TO SECTION 505.1	
2	61821GT	WELDMENT,RISER BOOM #3 to SN 161; REFER TO SECTION 504.1	
2-	107851GT	WELDMENT,RISE BOOM #3*** from SN 162; REFER TO SECTION 504.1	
3	119848GT	ASSEMBLY,RISER BOOM #1*** REFER TO SECTION 502.1	
4	94601GT	WELDMENT,RISER BOOM #2 to SN 161; REFER TO SECTION 503.1	
4-	107850GT	WELDMENT,RISER BOOM #2*** from SN 162; REFER TO SECTION 503.1	

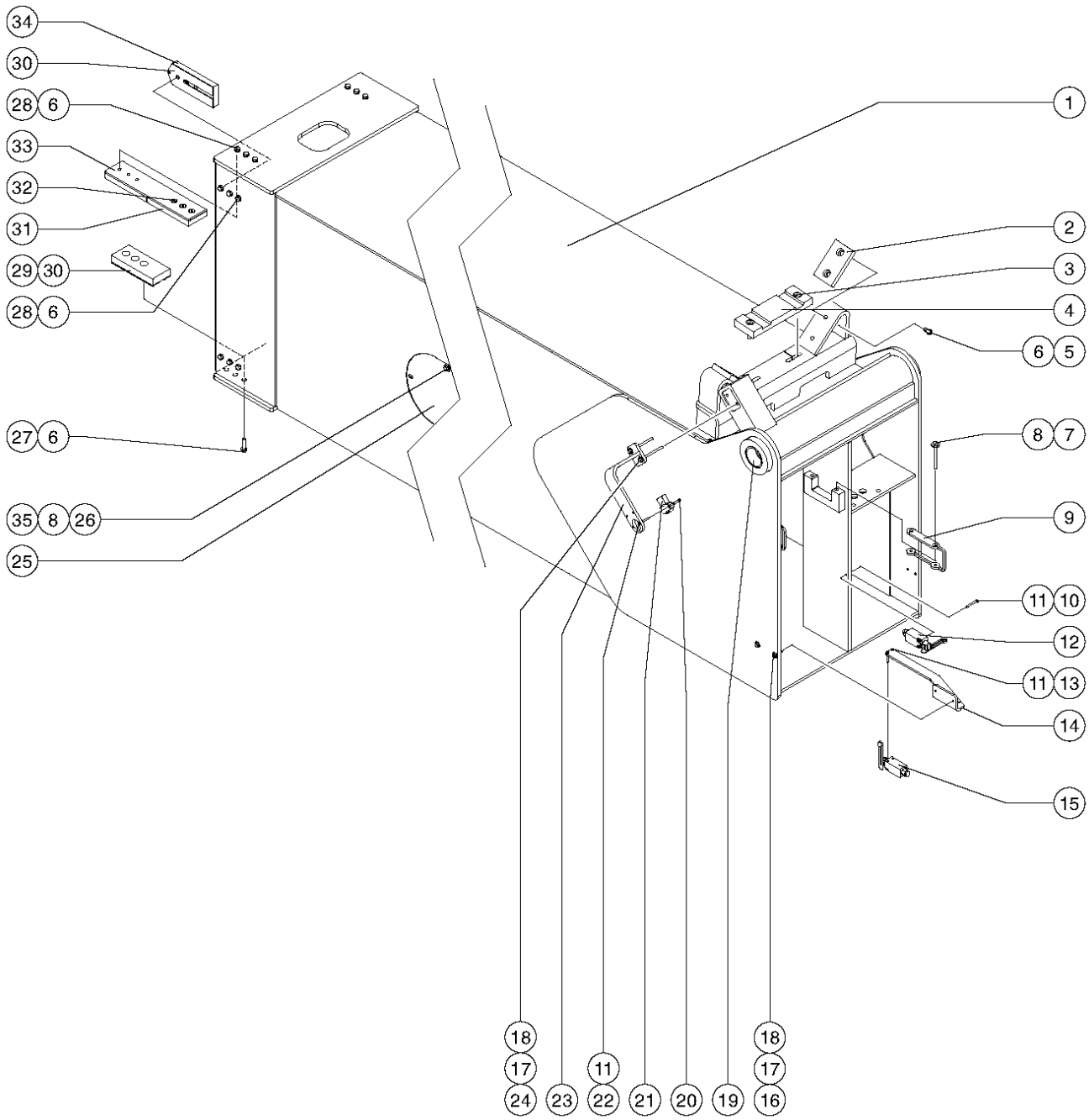
502.1 Secondary Boom Tube 1 (to SN 1853)



502.1 Secondary Boom Tube 1 (to SN 1853)

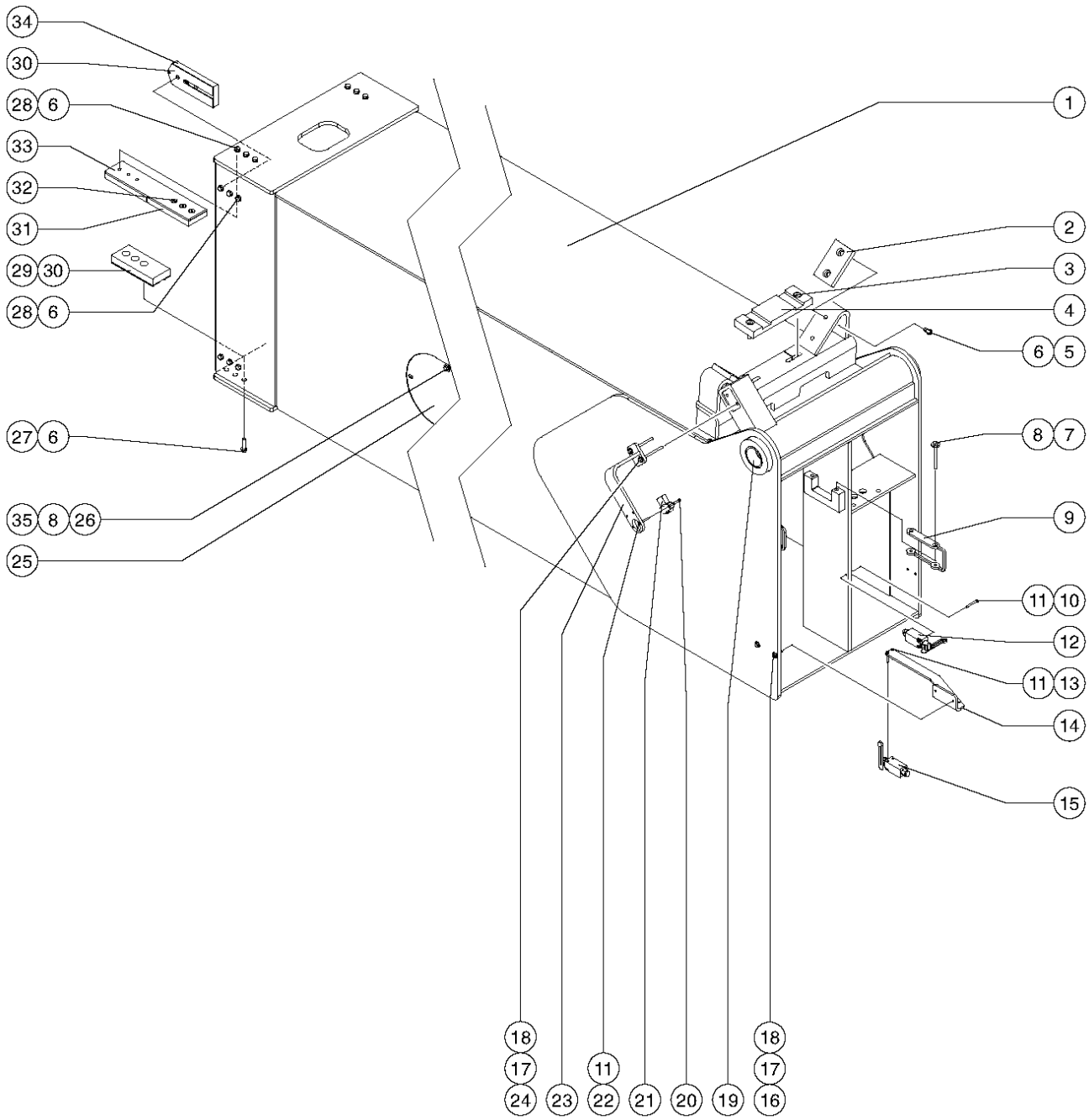
Item	Part No.	Description	Qty.
1	119848GT	ASSEMBLY,RISER BOOM #1*** includes item 19	1
2	34124GT	WEAR PAD,5 X 3 X .625 W/NUTS	2
3	35714GT	SCREW,FHS,3/8-16 X 2.25	
4	106810GT	REST PAD,RISER #1	1
5	6175GT	SCREW,HHC,3/8-16 X 1	
6	6021GT	WASHER, LOCK, .375	
7	6605GT	SCREW,HHC,3/8-16 X 3.5,GR5	
8	6097GT	WASHER, FLAT, USS, 3/8", Y	
9	106281PGT	BRACKET,RISER CYL MOUNT PAINTD	2
10	49775GT	SCREW,PHILLIPS,PHM,10-32X 1.75	
11	6178GT	NUT, NYLOCK, 10-32	
12	110909GT	SWITCH ASSY,LIMIT LSS1RO	1
12-	110771-64463GT	SWITCH,LIMIT W/ROLLER NO/NO	
12-	43960GT	WIRE CABLE,16/4 CON.TPE JKT	76
12-	119067GT	CONN, RECEP, 4 WAY, DEUTSCH, DT, ENDCAP	
12-	60443GT	LOCK, RECEP 4WAY, 14-18GA	
12-	73713GT	TERMINAL, PIN, DT, 14-18 AWG, NICKEL, 0.095-0.150 OD, DEUTSCH, STRIP	
13	51063GT	SCREW,PHILLIPS,RHM,10-32 X 1.5	
14	119247PGT	BRACKET, RISER EXT L/S, PTD Units before SN 333 must also purchase part 119248P for first time replacement (refer to 505.1)	1
15	110910GT	SWITCH ASSY,LIMIT LSS1RS	1
15-	110771-44463GT	SWITCH,LIMIT W/ROLLER NO/NC	
15-	43960GT	WIRE CABLE,16/4 CON.TPE JKT	88
15-	119762GT	CONN PLUG 4 WAY EXTEND DT	
15-	60429GT	LOCK, PLUG 4WAY, 14-18GA	
15-	73714GT	TERMINAL, SOCKET, DT, 14-18 AWG, NICKEL, 0.095-0.150 OD, DEUTSCH, STRIP	
16	8915GT	SCREW, HHC, 1/4-20 X 1.25	
17	6638GT	WASHER, FLAT, USS, 1/4"Y to SN 639	
17-	6097GT	WASHER, FLAT, USS, 3/8", Y SN 640	

502.1 Secondary Boom Tube 1 (to SN 1853)



Item	Part No.	Description	Qty.
17-	6638GT	WASHER, FLAT, USS, 1/4"Y from SN 641 to 649	
17-	6097GT	WASHER, FLAT, USS, 3/8", Y from SN 650	
17-	6638GT	WASHER, FLAT, USS, 1/4"Y SN 651	
17-	6097GT	WASHER, FLAT, USS, 3/8", Y from SN 652	
18	6091GT	NUT,NYLOCK,1/4-20 to SN 639	
18-	4828GT	NUT, NYLOCK, 3/8-16 SN 640	
18-	6091GT	NUT,NYLOCK,1/4-20 from SN 641 to 649	
18-	4828GT	NUT, NYLOCK, 3/8-16 SN 650	
18-	6091GT	NUT,NYLOCK,1/4-20 SN 651	
18-	4828GT	NUT, NYLOCK, 3/8-16 from SN 652	
19	27697GT	BEARING,2.50IDX2.75ODX1.50L	2
20	101599GT	KEY,BALL POINT HEX	1
21		Ref. SENSOR,DUAL OUTPUT,ANGLE (calibration required after replacement). Older sensor part 94980 is no longer available. For first time replacement, order kit 217238 or 824587 (refer to 502.2)	1
21-	217238GT	KIT,Z135 SECONDARY ANGLE SEN. from SN 652 (including SN 640 and 650)	
21-	824587GT	KIT,Z135 SECONDARY ANGLE SEN to SN 651 (excluding SN 640 and 650)	
22	22541GT	SCREW,RHM,10-32 X 1.5	
23	101708GT	MACH,RISER ROTARY SENSOR BRKT to SN 639	1
23-	128357GT	MACH,RISER ROTARY SENSOR BRKT SN 640	1
23-	101708GT	MACH,RISER ROTARY SENSOR BRKT from SN 641 to 649	
23-	128357GT	MACH,RISER ROTARY SENSOR BRKT SN 650	
23-	101708GT	MACH,RISER ROTARY SENSOR BRKT SN 651	
23-	128357GT	MACH,RISER ROTARY SENSOR BRKT from SN 652	
24	50160GT	SCREW,HHC,1/4-20 X 3.75 to SN 639	
24-	5387GT	SCREW,HHC,3/8-16 X 4 SN 640	
24-	50160GT	SCREW,HHC,1/4-20 X 3.75 from SN 641 to 649	
24-	5387GT	SCREW,HHC,3/8-16 X 4 SN 650	
24-	50160GT	SCREW,HHC,1/4-20 X 3.75 SN 651	
24-	5387GT	SCREW,HHC,3/8-16 X 4 from SN 652	

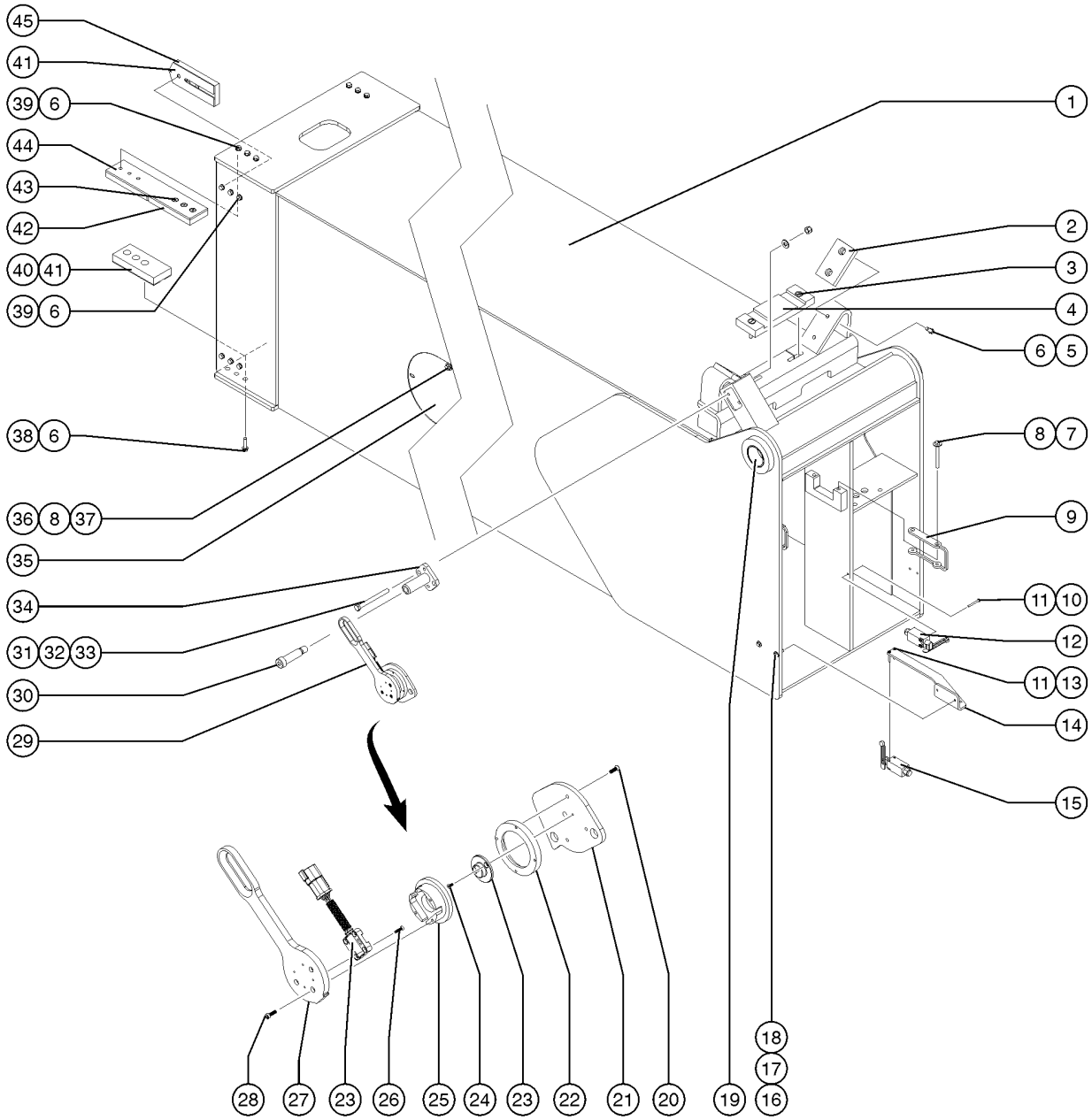
502.1 Secondary Boom Tube 1 (to SN 1853)



502.1 Secondary Boom Tube 1 (to SN 1853)

Item	*Part No.*	*Description*	*Qty.*
25-	60177GT	COVER,BOOM SIDE***	4
26	101718GT	BOLT,CARRIAGE,3/8-16 X .75,G2	
27	8516GT	SCREW, HCC, 3/8-16 X 1.50	
28	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
29	88022GT	WEAR PAD,7 X 3 X 1 W/NUTS	2
30	60304GT	SHIM,WEAR PAD,7 X 3,12GA	as-needed
31	106796GT	WEAR PAD,7 X 3 X 0.5 W/INSERT	8
32	107661GT	SCREW,FHS,3/8-16 X .625,ZINC	
33	107503GT	PLATE,WEARPAD MOUNT	2
34	50245GT	WEAR PAD,7 X 3 X.75 W/NUTS	4
35	7713GT	NUT, LP NYLOCK, 3/8-16	

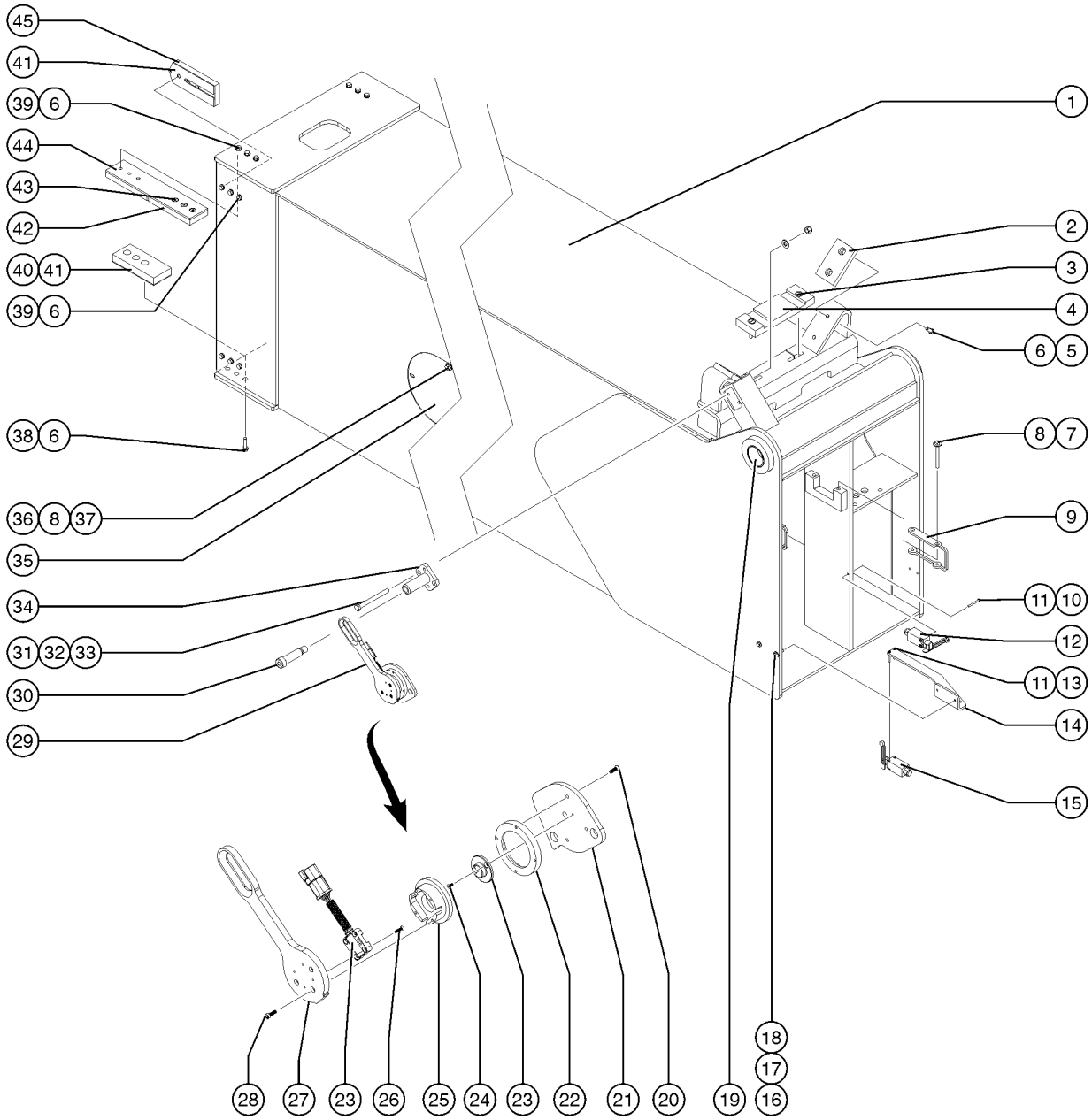
502.2 Secondary Boom Tube 1 (from SN 1854)



502.2 Secondary Boom Tube 1 (from SN 1854)

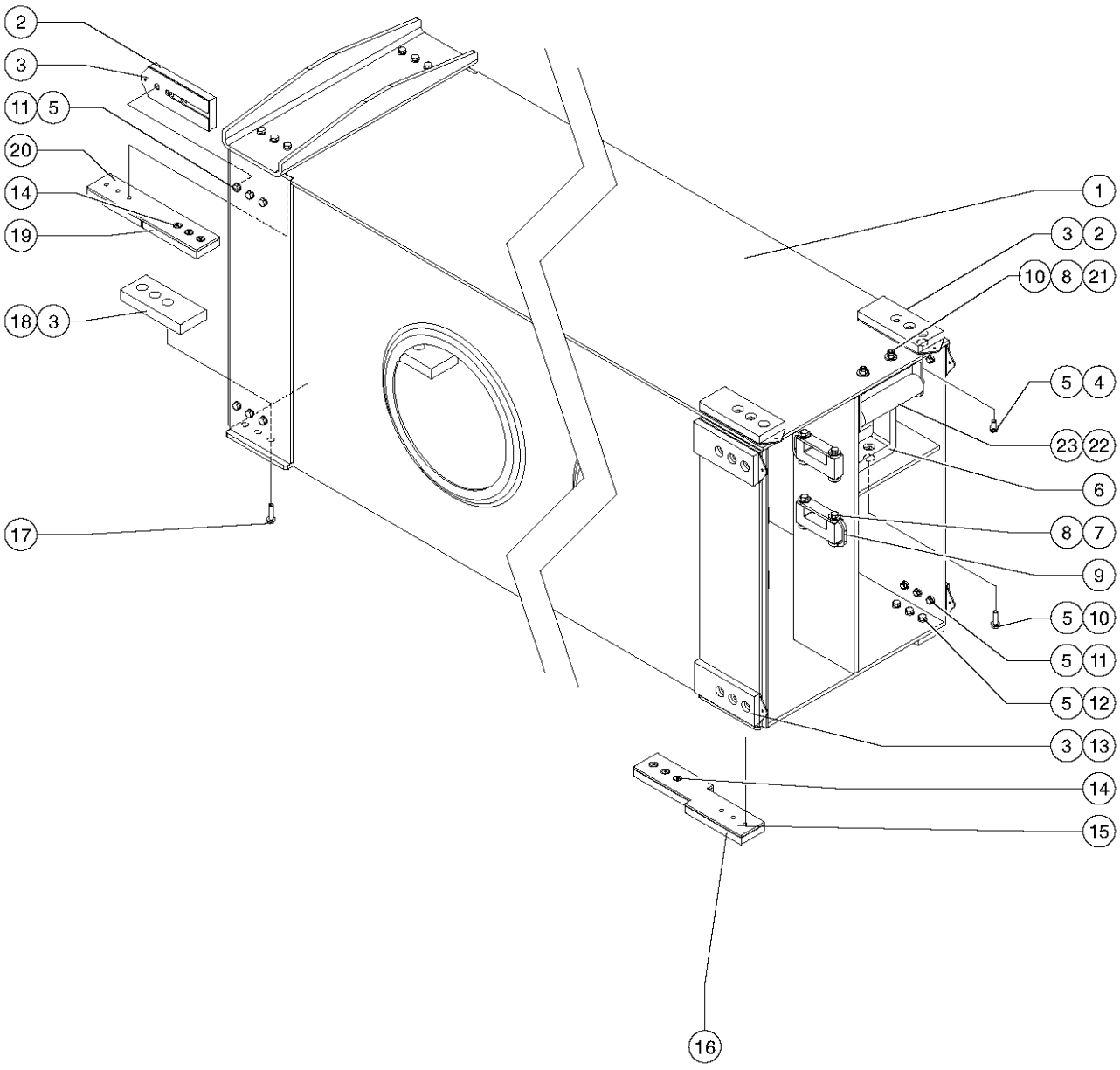
Item	Part No.	Description	Qty.
1	119848GT	ASSEMBLY,RISER BOOM #1***	1
2	34124GT	WEAR PAD,5 X 3 X .625 W/NUTS	2
3	35714GT	SCREW,FHS,3/8-16 X 2.25	
4	106810GT	REST PAD,RISER #1	1
5	6175GT	SCREW,HHC,3/8-16 X 1	
6	6021GT	WASHER, LOCK, .375	
7	6605GT	SCREW,HHC,3/8-16 X 3.5,GR5	
8	6097GT	WASHER, FLAT, USS, 3/8", Y	
9	106281PGT	BRACKET,RISER CYL MOUNT PAINTD	2
10	49775GT	SCREW,PHILLIPS,PHM,10-32X 1.75	
11	6178GT	NUT, NYLOCK, 10-32	
12	110909GT	SWITCH ASSY,LIMIT LSS1RO	1
12-	110771-64463GT	SWITCH,LIMIT W/ROLLER NO/NO	
12-	43960GT	WIRE CABLE,16/4 CON.TPE JKT	76
12-	119067GT	CONN, RECEP, 4 WAY, DEUTSCH, DT, ENDCAP	
12-	60443GT	LOCK, RECEP 4WAY, 14-18GA	
12-	73713GT	TERMINAL, PIN, DT, 14-18 AWG, NICKEL, 0.095-0.150 OD, DEUTSCH, STRIP	
13	51063GT	SCREW,PHILLIPS,RHM,10-32 X 1.5	
14	119247PGT	BRACKET, RISER EXT L/S, PTD	1
15	110910GT	SWITCH ASSY,LIMIT LSS1RS	1
15-	110771-44463GT	SWITCH,LIMIT W/ROLLER NO/NC	
15-	43960GT	WIRE CABLE,16/4 CON.TPE JKT	88
15-	119762GT	CONN PLUG 4 WAY EXTEND DT	
15-	60429GT	LOCK, PLUG 4WAY, 14-18GA	
15-	73714GT	TERMINAL, SOCKET, DT, 14-18 AWG, NICKEL, 0.095-0.150 OD, DEUTSCH, STRIP	
16	8915GT	SCREW, HHC, 1/4-20 X 1.25	
17	6097GT	WASHER, FLAT, USS, 3/8", Y	
18	6091GT	NUT,NYLOCK,1/4-20	

502.2 Secondary Boom Tube 1 (from SN 1854)



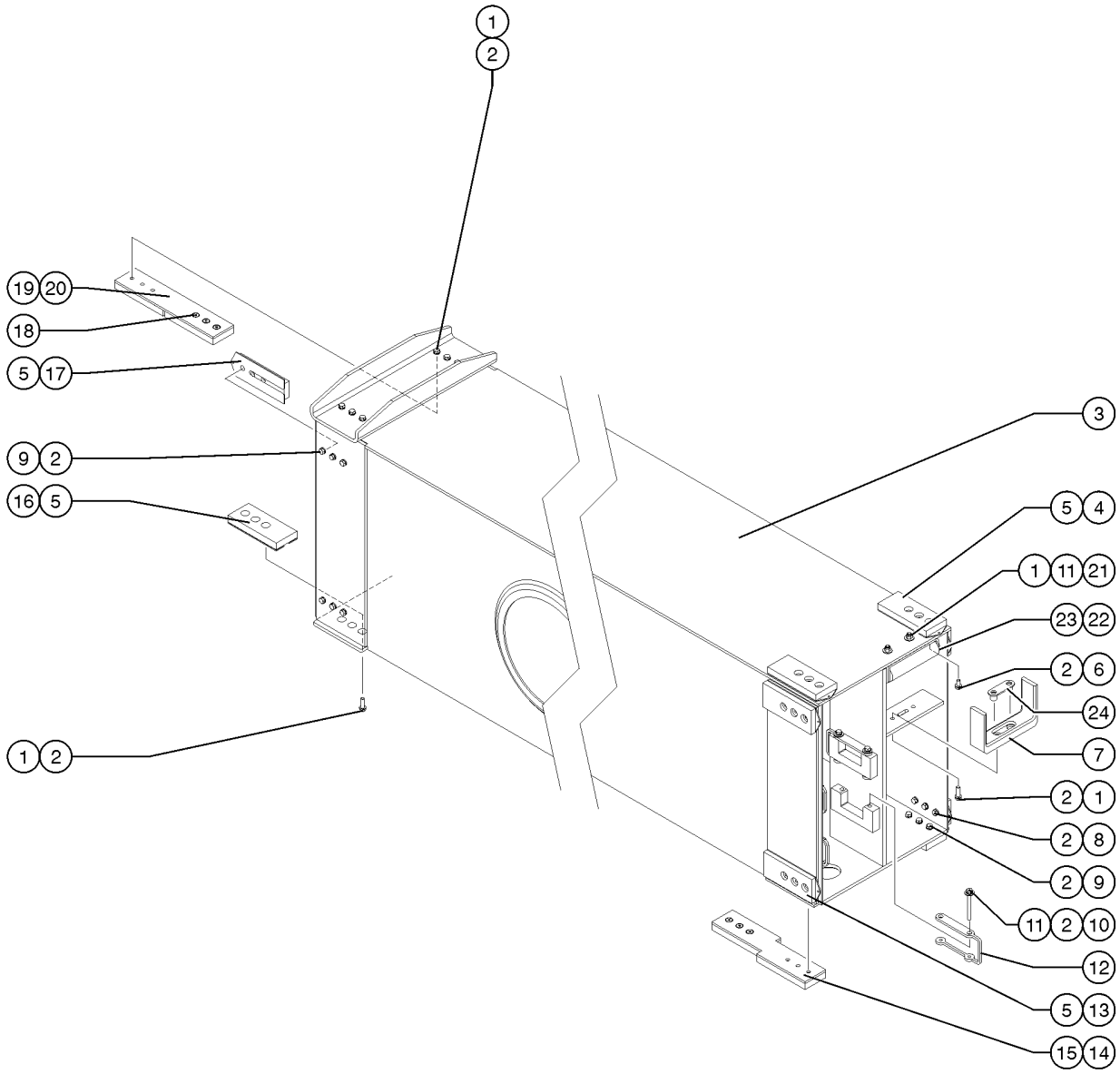
Item	Part No.	Description	Qty.
19	27697GT	BEARING,2.50IDX2.75ODX1.50L	2
20	217217GT	SCREW,FHSCS,M4-0.7X14 CL10.9	
21	226493GT	MACHINED, SECONDARY SEN. BASE	
22	226491GT	MACHINED, ANGLE SENSOR RACE	
23	216061GT	SENSOR, ANGLE, 180 DEG, CW Sensor and magnet are matched and must be replaced at the same time. Machine calibration is required after installation.	
24	237242GT	SCREW,FHS,M3-0.5X8,DIN7991,10.9,ZAB	
25	226492GT	MACHINED, ANGLE SENSOR HOLDER	
26	237241GT	SCREW,FHS,M3-0.5X14,DIN7991,10	
27	233116GT	MACHINED, SENSOR ARM	
28	217219GT	SCREW,SHC,M4-0.7X14 DIN912,12.9,ZAB	
29	217224GT	ASSY,ANGLE SEN.,Z135 SECONDARY (Complete) Includes items 20 to 28; calibration required after replacement, (included in kits 217238 and 824587, refer to 502.1)	
30	217236GT	SCREW,SHS,3/4X2.25X5/8-11,ZAG	
31	5387GT	SCREW,HHC,3/8-16 X 4	
32	5397GT	WASHER, FLAT, USS, 5/16-18	
33	4828GT	NUT, NYLOCK, 3/8-16	
34	233117GT	WLDT, SENSOR ROTATOR #1	
35	60177GT	COVER,BOOM SIDE***	4
36	7713GT	NUT, LP NYLOCK, 3/8-16	
37	101718GT	BOLT,CARRIAGE,3/8-16 X .75,G2	
38	8516GT	SCREW, HCC, 3/8-16 X 1.50	
39	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
40	88022GT	WEAR PAD,7 X 3 X 1 W/NUTS	2
41	60304GT	SHIM,WEAR PAD,7 X 3,12GA	
42	106796GT	WEAR PAD,7 X 3 X 0.5 W/INSERT	8
43	107661GT	SCREW,FHS,3/8-16 X .625,ZINC	
44	107503GT	PLATE,WEARPAD MOUNT	2
45	50245GT	WEAR PAD,7 X 3 X.75 W/NUTS	4

503.1 Secondary Boom Tube 2



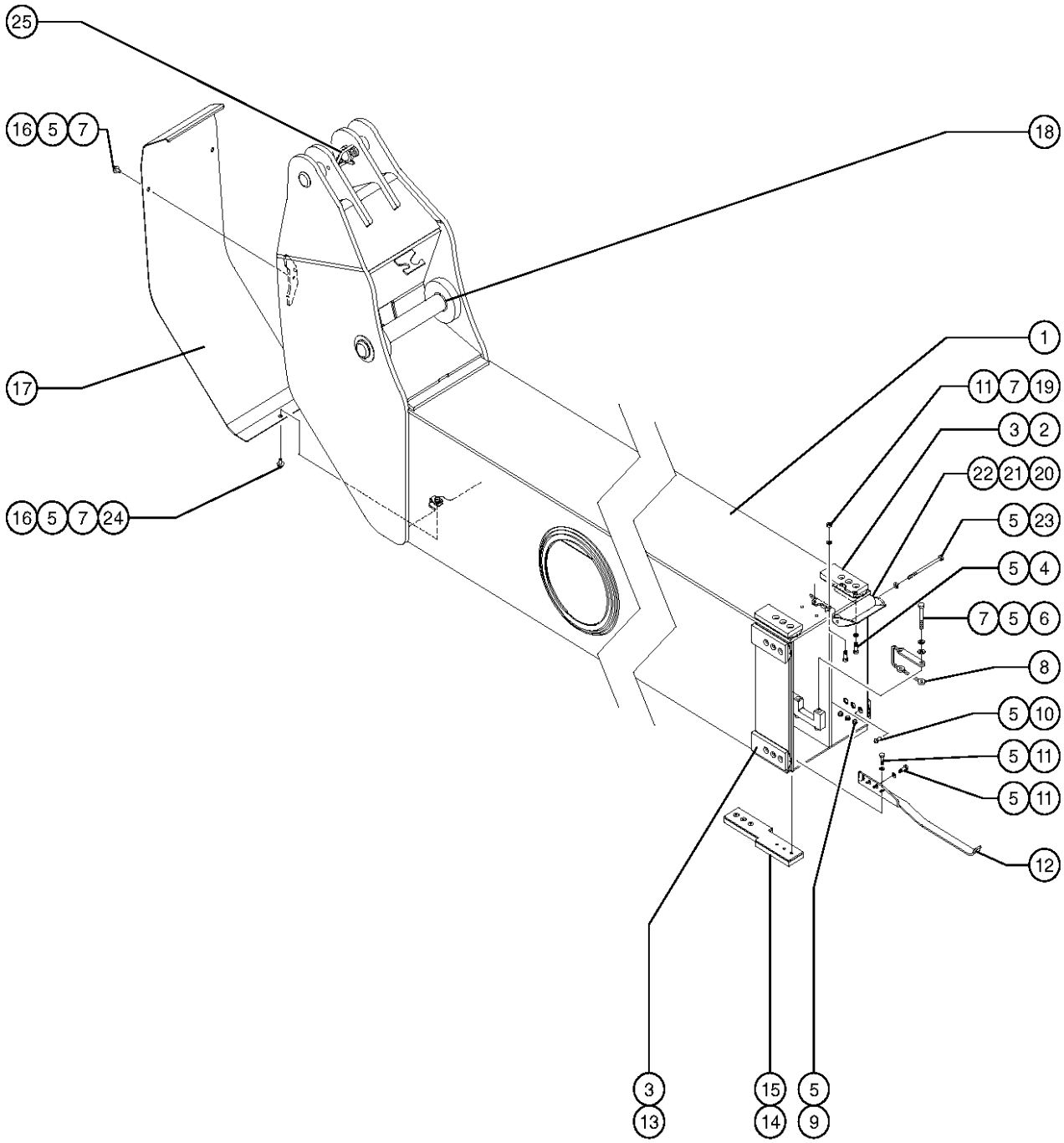
Item	Part No.	Description	Qty.
1	94601GT	WELDMENT,RISER BOOM #2 to SN 161	1
1-	107850GT	WELDMENT,RISER BOOM #2*** from SN 162	
2	50245GT	WEAR PAD,7 X 3 X.75 W/NUTS	8
3	60304GT	SHIM,WEAR PAD,7 X 3,12GA	as-needed
4	8255GT	SCREW,HHC,3/8-16 X .75	
5	6021GT	WASHER, LOCK, .375	
6	101920GT	GUIDE,ALUMINUM EXTRUSION	1
6-	106729GT	WELDMENT, GUIDE BRKT not shown, order separately (refer to 504.1)	
7	6605GT	SCREW,HHC,3/8-16 X 3.5,GR5	
8	6097GT	WASHER, FLAT, USS, 3/8", Y	
9	106281PGT	BRACKET,RISER CYL MOUNT PAINTD	4
10	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
11	49857GT	SCREW,HHC,3/8-16 X .88,GRD 8	
12	6175GT	SCREW,HHC,3/8-16 X 1	
13	88648GT	WEAR PAD,7X3X.625 W/NUTS	4
14	107661GT	SCREW,FHS,3/8-16 X .625,ZINC	
15	107501GT	PLATE,WEARPAD MOUNT,LH	2
16	106797GT	WEAR PAD,7X3X.75 W/INSERT	4
17	8516GT	SCREW, HCC, 3/8-16 X 1.50	
18	88022GT	WEAR PAD,7 X 3 X 1 W/NUTS	2
19	106796GT	WEAR PAD,7 X 3 X 0.5 W/INSERT	4
20	107503GT	PLATE,WEARPAD MOUNT	2
21	4828GT	NUT, NYLOCK, 3/8-16	
22	107823GT	ROLLER, NYLON	1
23	107833PGT	FORMING, ROLLER #2, PAINTED	1

504.1 Secondary Boom Tube 3



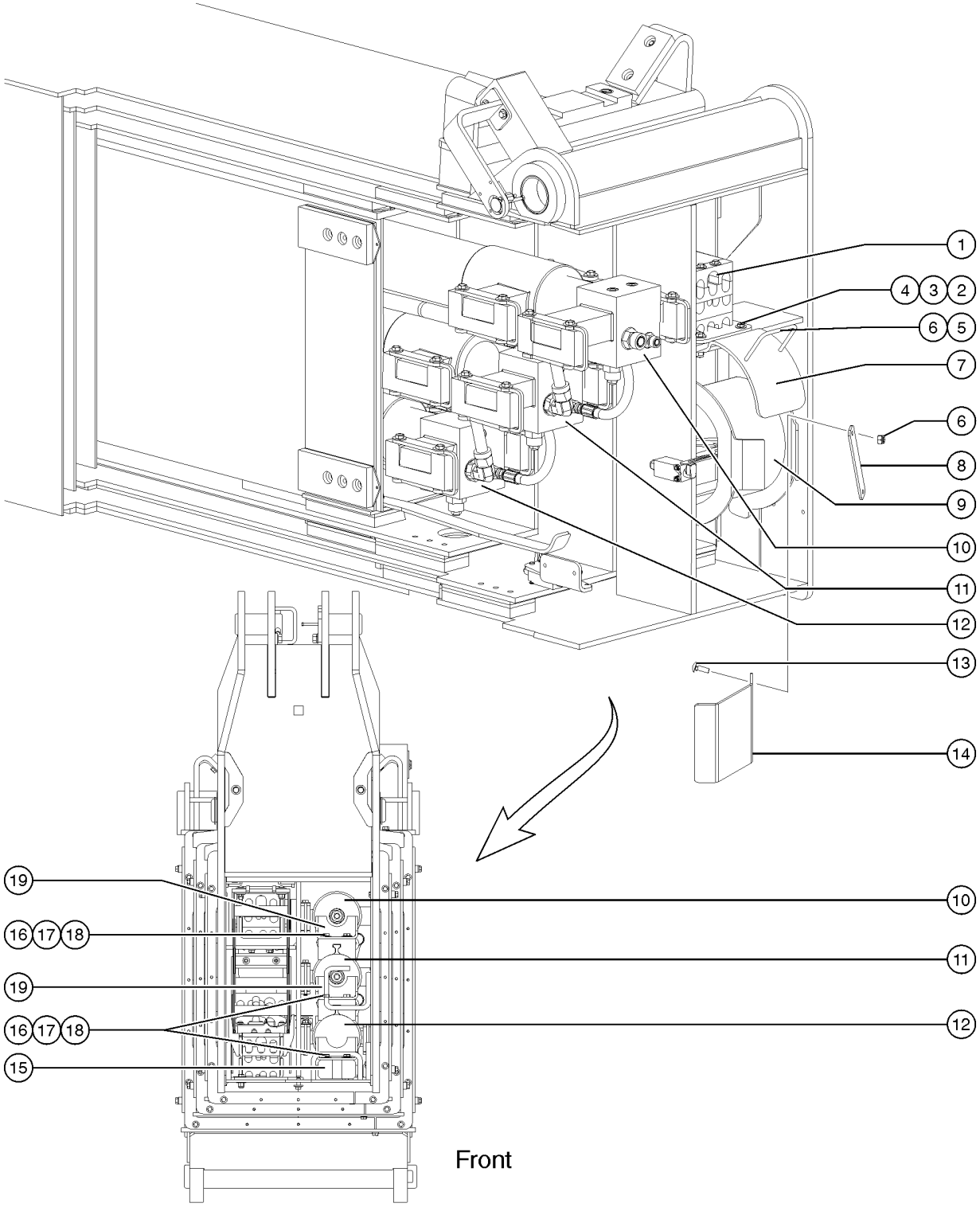
Item	Part No.	Description	Qty.
1	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
2	6021GT	WASHER, LOCK, .375	
3	61821GT	WELDMENT,RISER BOOM #3 to SN 161	1
3-	107851GT	WELDMENT,RISE BOOM #3*** from SN 162	
4	50245GT	WEAR PAD,7 X 3 X.75 W/NUTS	2
5	60304GT	SHIM,WEAR PAD,7 X 3,12GA	as-needed
5-	60840GT	SHIM,WEAR PAD,7 X 3,16GA	as-needed
6	8255GT	SCREW,HHC,3/8-16 X .75	
7	101921GT	GUIDE,ALUMINUM EXTRUSION	1
8	49857GT	SCREW,HHC,3/8-16 X .88,GRD 8	
9	6175GT	SCREW,HHC,3/8-16 X 1	
10	6605GT	SCREW,HHC,3/8-16 X 3.5,GR5	
11	6097GT	WASHER, FLAT, USS, 3/8", Y	
12	106281PGT	BRACKET,RISER CYL MOUNT PAINTD	4
13	88648GT	WEAR PAD,7X3X.625 W/NUTS	4
14	107501GT	PLATE,WEARPAD MOUNT,LH	2
15	106797GT	WEAR PAD,7X3X.75 W/INSERT	4
16	88022GT	WEAR PAD,7 X 3 X 1 W/NUTS	2
17	106539GT	WEAR PAD,7 X 2 X.75 W/NUTS	4
18	107661GT	SCREW,FHS,3/8-16 X .625,ZINC	
19	107503GT	PLATE,WEARPAD MOUNT	2
20	106796GT	WEAR PAD,7 X 3 X 0.5 W/INSERT	4
21	4828GT	NUT, NYLOCK, 3/8-16	
22	107823GT	ROLLER, NYLON	1
23	110756PGT	FORMING, ROLLER #3, PAINTED	1
24	106729GT	WELDMENT, GUIDE BRKT	1

505.1 Secondary Boom Tube 4



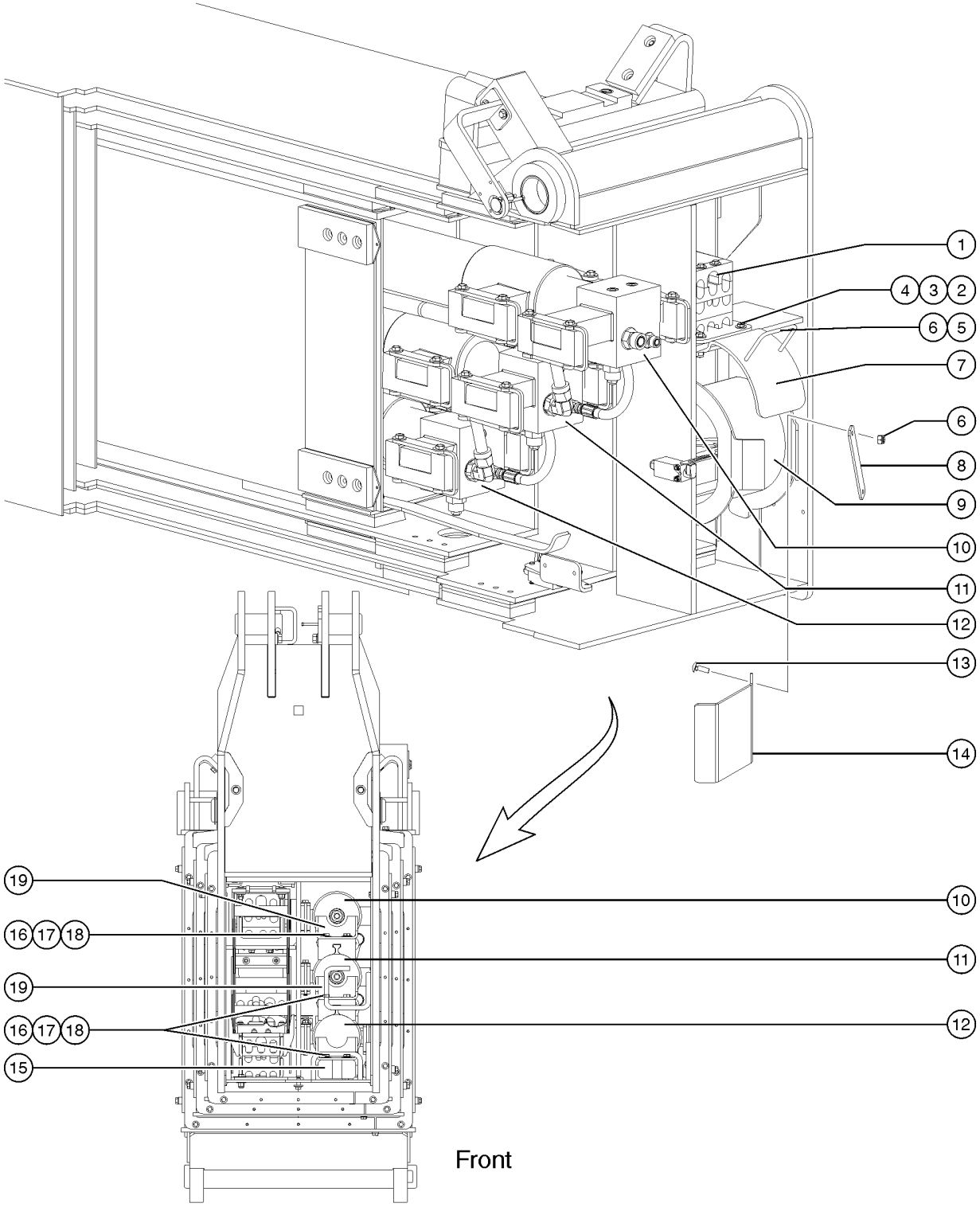
Item	Part No.	Description	Qty.
1	227780GT	ASSY,RISER BOOM #4 includes item 18; to SN 161	1
1-	119849GT	ASSEMBLY,RISER BOOM #4*** includes item 18; from SN 162	1
2	50245GT	WEAR PAD,7 X 3 X.75 W/NUTS	2
3	60304GT	SHIM,WEAR PAD,7 X 3,12GA	as-needed
4	8516GT	SCREW, HCC, 3/8-16 X 1.50	
5	6021GT	WASHER, LOCK, .375	
6	6605GT	SCREW,HHC,3/8-16 X 3.5,GR5	
7	6097GT	WASHER, FLAT, USS, 3/8", Y	
8	106281PGT	BRACKET,RISER CYL MOUNT PAINTD	2
9	6175GT	SCREW,HHC,3/8-16 X 1	
10	28487GT	SCREW,BHHS,3/8-16 X 1	
11	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
12	119248PGT	FORMING,RISER EXT L/S RAMP,PTD Units before SN 333 must also purchase part 119247P for first time replacement (refer to 502.1)	1
13	88648GT	WEAR PAD,7X3X.625 W/NUTS	4
14	106797GT	WEAR PAD,7X3X.75 W/INSERT	4
15	107501GT	PLATE,WEARPAD MOUNT,LH	2
16	6175GT	SCREW,HHC,3/8-16 X 1	
17	61952PGT	COVER,SECONDARY RISER	1
18	27698GT	BEARING,2.50IDX2.75ODX2.00L	2
19	4828GT	NUT, NYLOCK, 3/8-16	
20	107818GT	WELDMENT, ROLLER #4	1
21	107823GT	ROLLER, NYLON	1
22	107832GT	SPACER, ROLLER	1
23	107835GT	SCREW,HHC,3/8-16X7.5	
24	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	
25	106571GT	WELDMENT,CABLE STAY	1

506.1 Secondary Boom Extension Cylinders



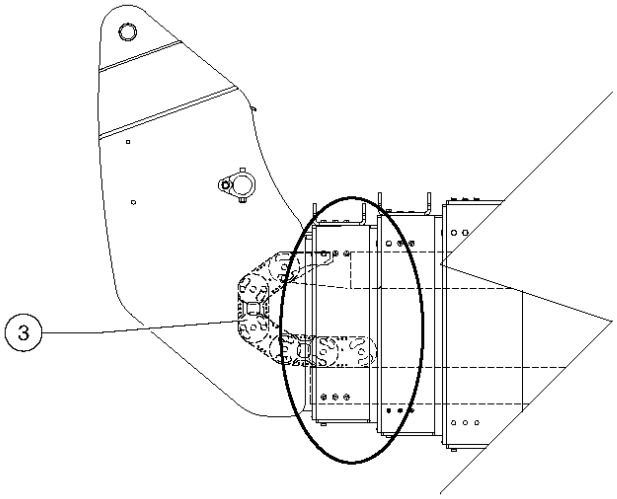
Item	Part No.	Description	Qty.
-	236284GT	ASSY,HOSE GUARD,RISER PULLTUBE hose guard kit includes items 8 and 14 with fastners	
1		Ref. Secondary Pull Tube Assembly (refer to 509.1)	
2	8516GT	SCREW, HCC, 3/8-16 X 1.50	
3	6097GT	WASHER, FLAT, USS, 3/8", Y	
4	4828GT	NUT, NYLOCK, 3/8-16	
5	106843GT	U-BOLT,1/4-20,SQUARE 3.5X3.5	
6	6091GT	NUT,NYLOCK,1/4-20	
7	106772GT	PLATE,HOSE GUIDE	1
8	236283GT	PLATE,HOSE GUARD CLAMP part of hose guard kit 236284	1
9	61961GT	WELDMNT,RISER CABLE TRACK TRAY to SN 161	1
9-	107847GT	WELDMENT,TRAY CABLETRACK*** from SN 162	
10	101507GT	CYLINDER,SECONDARY EXTEND #1	1
10-	101510GT	SEAL KIT	
10-	106848GT	VALVE,CB.CBGA-LHN@2500 PSI***	
10-	106847GT	VALVE,CB.CAGK-LHN@2500 PSI***	
10-	74872GT	VALVE,COUNTERBALANCE 3000 PSI*	
10-	107716GT	SEAL KIT,CB VALVE*** for 106847 and 106848	
10-	43018GT	SEAL KIT (39345) for 74872	
11	101508GT	CYLINDER,SECONDARY EXTEND #2	1
11-	101510GT	SEAL KIT	
11-	106848GT	VALVE,CB.CBGA-LHN@2500 PSI***	
11-	106847GT	VALVE,CB.CAGK-LHN@2500 PSI***	
11-	107716GT	SEAL KIT,CB VALVE*** for 106847 and 106848	
12	101509GT	CYLINDER,SECONDARY EXTEND #3	1
12-	101510GT	SEAL KIT	
12-	106848GT	VALVE,CB.CBGA-LHN@2500 PSI***	
12-	107716GT	SEAL KIT,CB VALVE*** for 106848	
13	6878GT	BOLT,CARRIAGE,1/4-20 X .75,G2	2

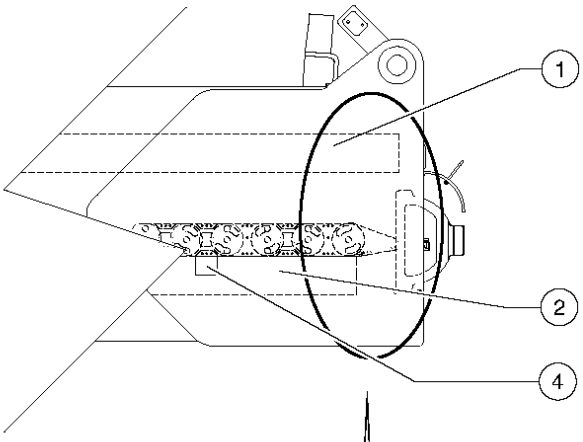
506.1 Secondary Boom Extension Cylinders



Item	*Part No.*	*Description*	*Qty.*
14	236282GT	FORMING,HOSE GUARD part of hose guard kit 236284	1
15	101919GT	WEAR PAD,RISER EXTENSION CYL.	1
16	7713GT	NUT, LP NYLOCK, 3/8-16	
17	5397GT	WASHER, FLAT, USS, 5/16-18	
18	5224GT	SCREW,HHC,3/8-16 X 2	
19	101918GT	WEAR PAD,RISER EXTENSION CYL.	2

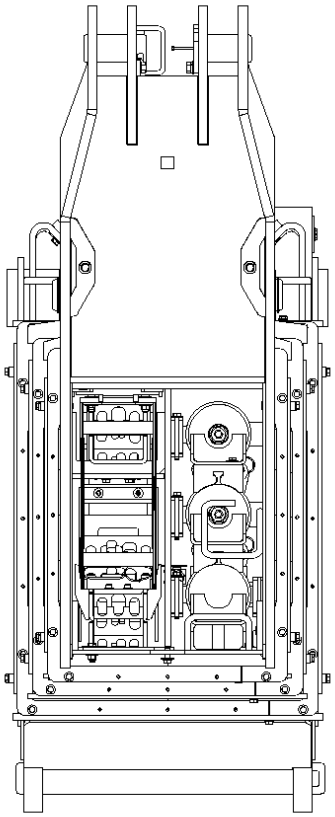
507.1 Secondary Boom Cable Track and Pull Tube



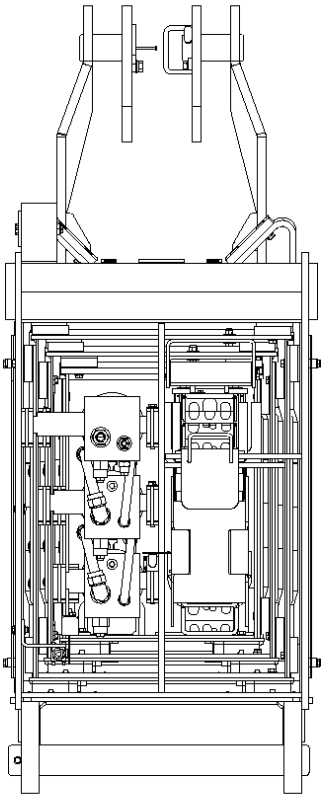


Refer to 508.1

Refer to 509.1



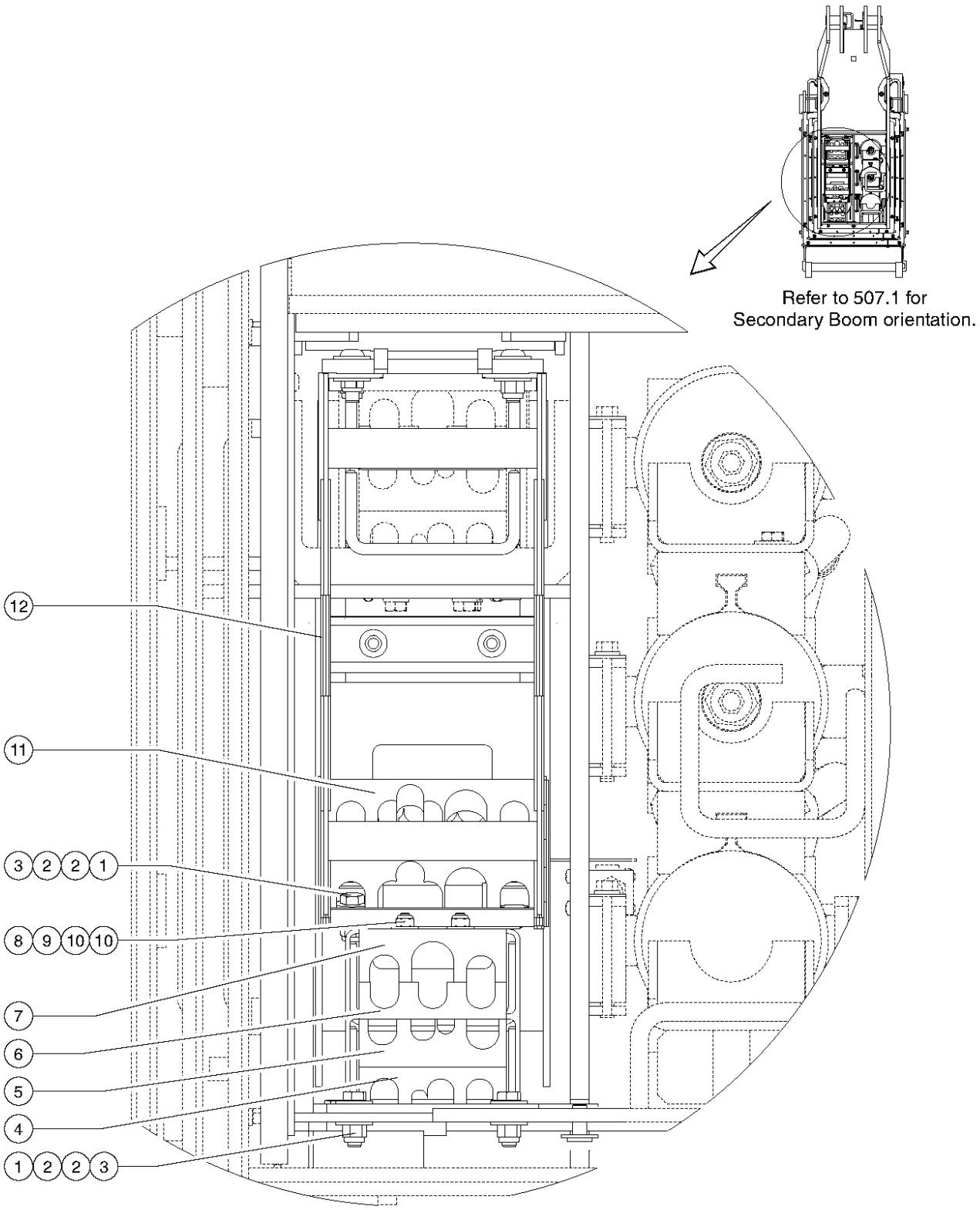
Front



Rear

Item	Part No.	Description	Qty.
1	61960GT	WELDMENT,LONG GUIDE TUBE to SN 161	1
1-	107848GT	WELDMENT,TRAY CABLETRACK*** from SN 162 to 1853	
1-	217431GT	WELDMENT,TRAY CABLETRACK*** from SN 1854	
2	61961GT	WELDMNT,RISER CABLE TRACK TRAY to SN 161	1
2-	107847GT	WELDMENT,TRAY CABLETRACK*** from SN 162	
3	61853GT	CABLE TRACK,STEEL 57 LINKS to SN 1853	1
3A-	236168GT	CABLE TRACK,STEEL 57 LINKS*** from SN 1854	
3B-	107718GT	KIT,END MOUNTING BRACKET used with cable track 61853 only	
3C-	237229GT	MOVING END, BRACKET KIT used with cable track 236168 only	
3D-	237230GT	FIXED END, BRACKET KIT used with cable track 236168 only	
3E-	107717GT	ASSY,FOUR LINK CABLE TRACK***	
3F-	107719GT	KIT,PIN & RING***	
3G-	146019GT	CROSS BAR,ALUM,WITH PEM NUTS	
3H-	146020GT	CROSS BAR,ALUM,WITH HOLES	
3I-	107802GT	KIT,SERVICE PART RISER CARRIER	
4	119106GT	GUIDE,RISER LINK	2
4-	75041GT	SCREW,PHILLIPS,PHM,10-32 X 1	
4-	6178GT	NUT, NYLOCK, 10-32	
4-	6146GT	WASHER,FLAT,MS,#10,Y	

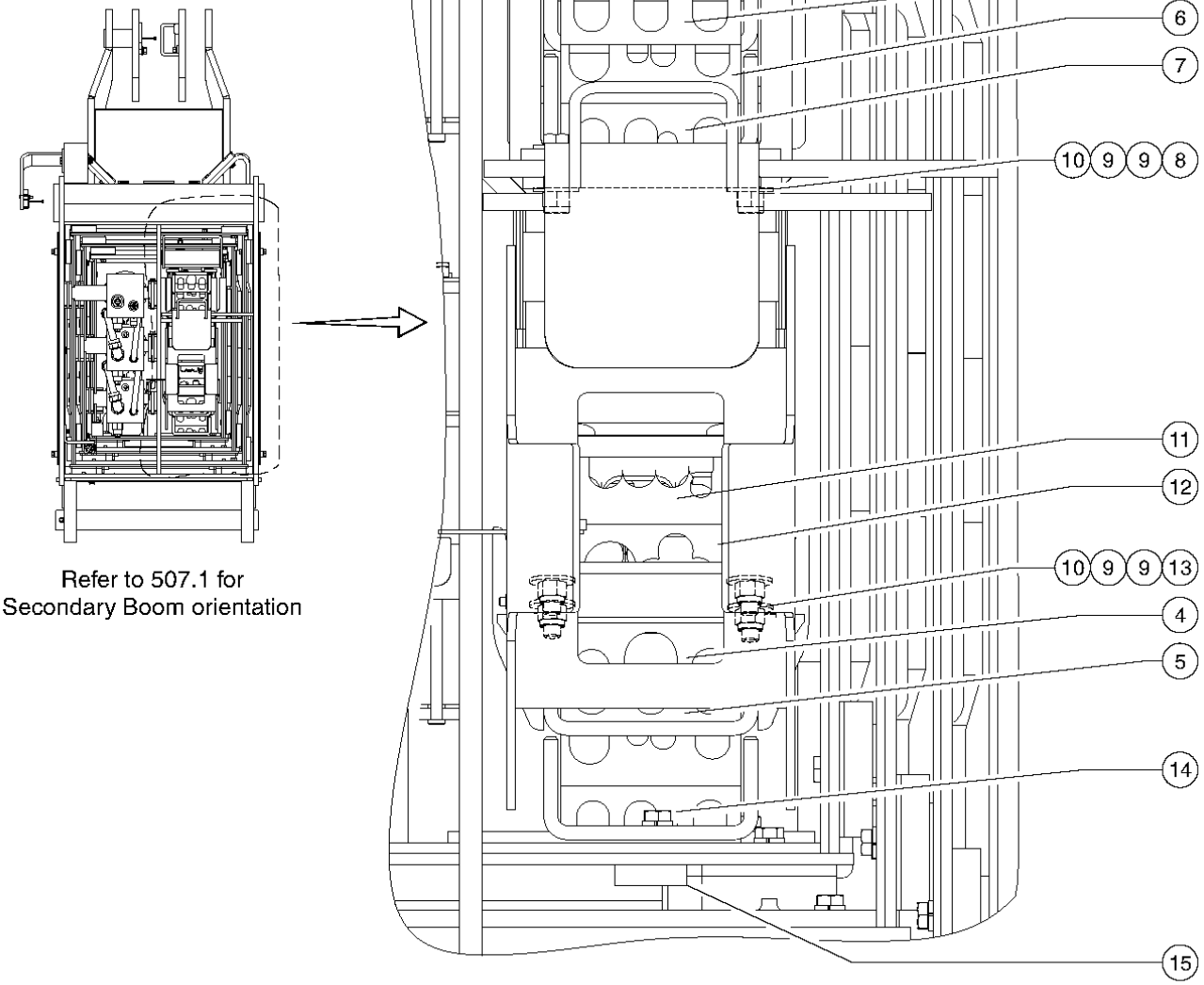
508.1 Secondary Boom Cable and Hose Clamps, Front View



508.1 Secondary Boom Cable and Hose Clamps, Front View

Item	Part No.	Description	Qty.
1	4828GT	NUT, NYLOCK, 3/8-16	
2	6097GT	WASHER, FLAT, USS, 3/8", Y	
3	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
4	101106GT	CLAMP ASSY.OPTIONS BLOCK W/NUT	1
5	101788GT	CABLE STAY	2
6	101787GT	CABLE STAY,TOP	2
7	101786GT	CABLE STAY,TOP	2
8	77036GT	SCREW,HHC,1/4-20 X 5.50,G5,CLZ	
9	6091GT	NUT,NYLOCK,1/4-20	
10	6638GT	WASHER, FLAT, USS, 1/4"Y	
11	106853GT	CLAMP,RISER CABLE,OUTSIDE	1
12		Ref. Cable Track (refer to 507.1)	

509.1 Secondary Boom Cable and Hose Clamps, Rear View



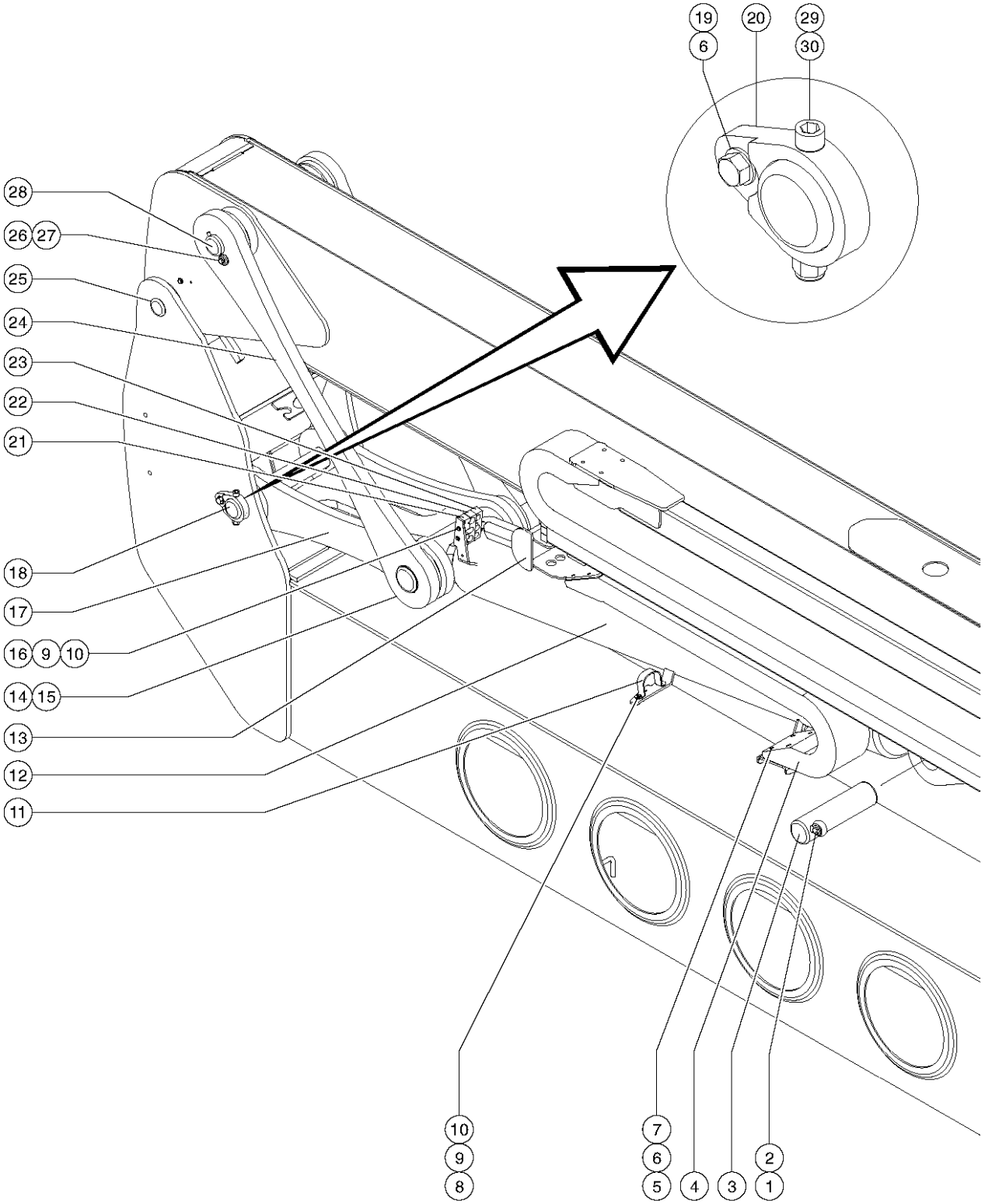
Refer to 507.1 for Secondary Boom orientation

Note: Some components have been removed for clarity

509.1 Secondary Boom Cable and Hose Clamps, Rear View

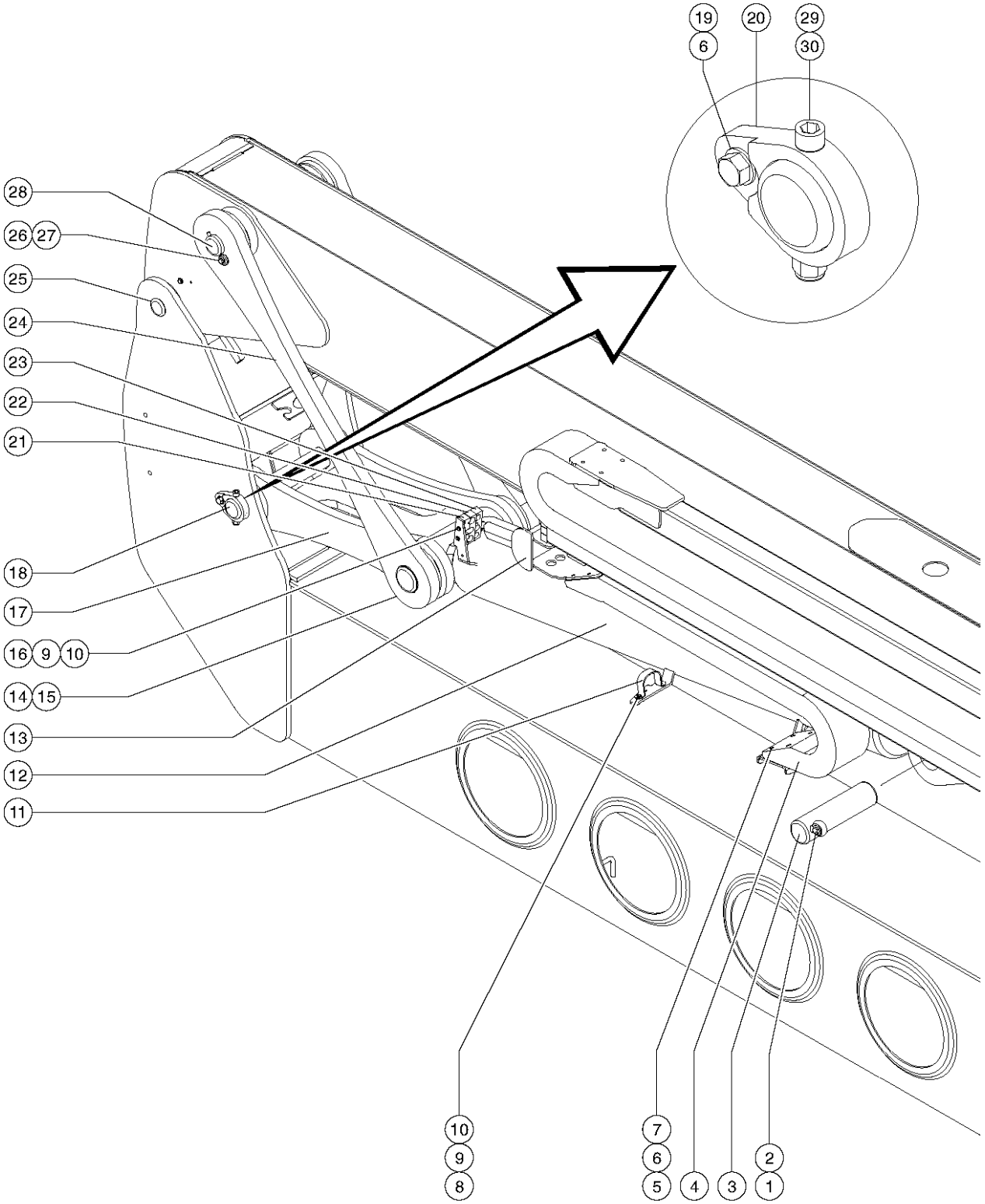
Item	Part No.	Description	Qty.
1	77036GT	SCREW,HHC,1/4-20 X 5.50,G5,CLZ	
2	6638GT	WASHER, FLAT, USS, 1/4"Y	
3	6091GT	NUT,NYLOCK,1/4-20	
4	101786GT	CABLE STAY,TOP	1
5	101787GT	CABLE STAY,TOP	1
6	101788GT	CABLE STAY	1
7	101106GT	CLAMP ASSY.OPTIONS BLOCK W/NUT	1
8	8516GT	SCREW, HCC, 3/8-16 X 1.50	
9	6097GT	WASHER, FLAT, USS, 3/8", Y	
10	4828GT	NUT, NYLOCK, 3/8-16	
11	106862GT	CLAMP,RISER CABLE TRACK,INSIDE	1
12	106853GT	CLAMP,RISER CABLE,OUTSIDE	1
13	6175GT	SCREW,HHC,3/8-16 X 1	
14	12011GT	SCREW,BHHS,1/4-20 X .5,Y/ZINC	
15	56093GT	WEAR PAD ROUND	1

510.1 Primary Boom Link, Lever and Lift Cylinder (to SN 359)



Item	Part No.	Description	Qty.
-	107521GT	COVER,HOSE & CABLE, 100 INCH protects hoses between the primary and secondary booms	
1	33557GT	SCREW,HHC,3/4-10 X 2.00,GR5	
2	61341GT	ROD END,.75 X 5.00	1
3	94810GT	PIN,3.00DIAX11.50LG,1HOLE	1
4	106574GT	CABLE TRACK,STEEL 11 LINKS	1
5	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
6	6097GT	WASHER, FLAT, USS, 3/8", Y	
7	4828GT	NUT, NYLOCK, 3/8-16	
8	6090GT	SCREW, HHC, 1/4-20 X .75	
9	6638GT	WASHER, FLAT, USS, 1/4"Y	
10	6091GT	NUT,NYLOCK,1/4-20	
11	106580PGT	BRACKET,RISER CYL MOUNT PAINTD	1
12	61814GT	CYLINDER,PRIMARY BOOM LIFT	1
12-	88279GT	BEARING,3.00IDX3.50ODX1.50L	
12-	101562GT	BEARING,3.25IDX3.75ODX2.00L	
12-	33428GT	VALVE,COUNTERBALANCE	
12-	106378GT	SEAL KIT, Z135 LIFT (61814)	
13		Ref. Cable Track Support (refer to 512.1)	
14	94811GT	PIN,3.25DIAX19.00LG,2RING	1
15	1253814GT	SNAP RING,EXTERNAL,3.25,ZAG	2
16	36294GT	SCREW,HHC,1/4-20 X 2.75	
17	106552GT	LINK ASSEMBLY,PRIMARY BOOM	1
17-	101566GT	BEARING,FL,2.50IDX2.75ODX1.36L	
17-	101567GT	BEARING,3.25IDX3.5ODX1.50L	
18	94813GT	PIN,2.50DIAX19.00LG,1HOLE	1
19	8177GT	SCREW,HHC,1/2-13 X 1.5	
20	107676PGT	PLATE, PIN RETAINER, PAINTED	1
20	119151GT	SERV KIT,#4RISER-TO-LINK BANJO includes retainer plate and Items 29 and 30	

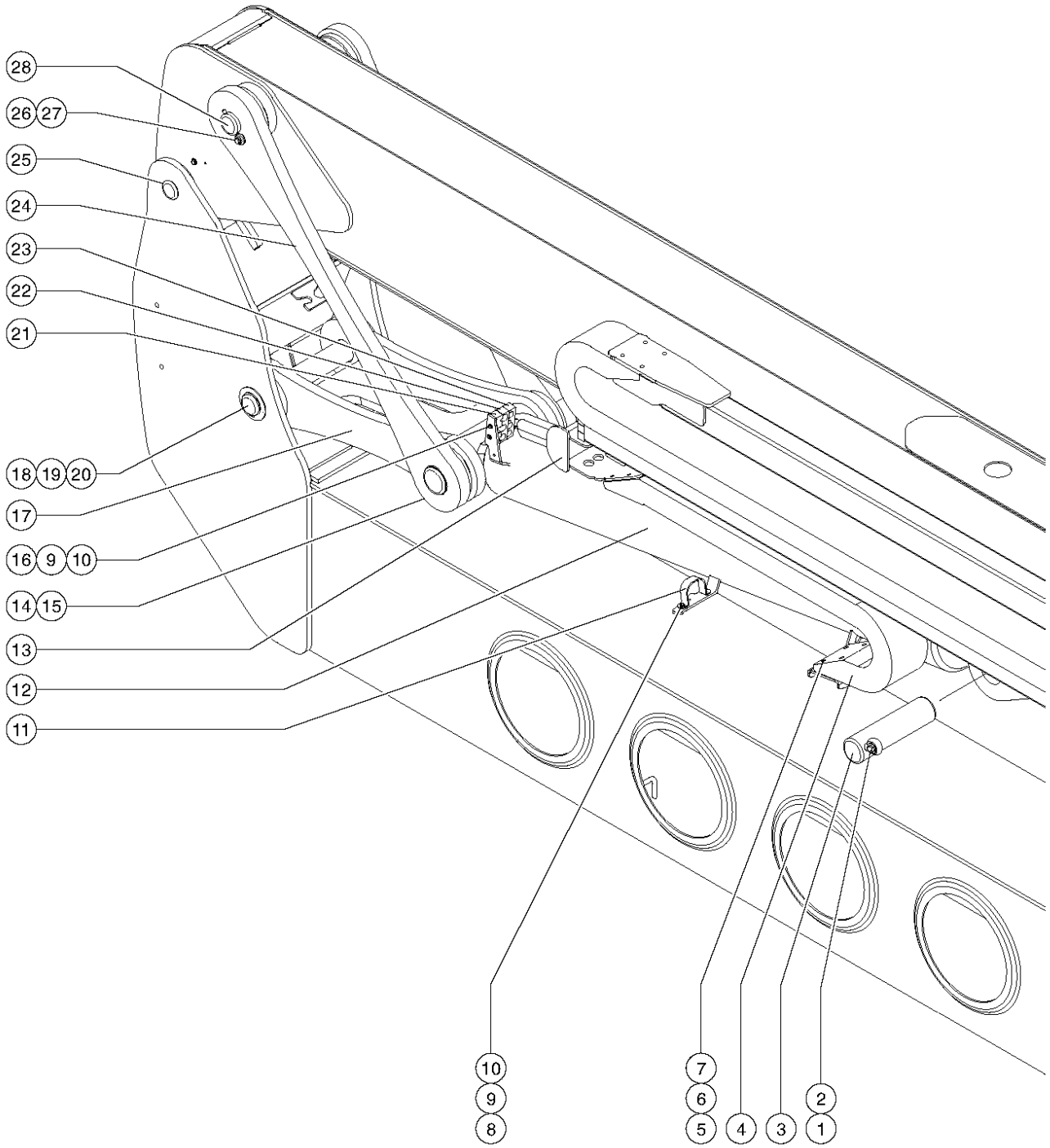
510.1 Primary Boom Link, Lever and Lift Cylinder (to SN 359)



510.1 Primary Boom Link, Lever and Lift Cylinder (to SN 359)

Item	Part No.	Description	Qty.
21	101110GT	CABLE STAY	1
22	101315GT	CABLE STAY	1
23	101106GT	CLAMP ASSY.OPTIONS BLOCK W/NUT	1
24	106553GT	LEVER ASSEMBLY,PRIMARY BOOM	2
24-	101566GT	BEARING,FL,2.50IDX2.75ODX1.36L	
25		Ref. Angle Sensor Pivot Pin (refer to 511.1)	
26	8516GT	SCREW, HCC, 3/8-16 X 1.50	
27	825019GT	ROD END, .375X3.69, ZAG	
28	94809GT	PIN,2.50DIAX19.56LG,2HOLE	1
29	42360GT	SCREW,SHC,1/2-13 X 4 ZINC	
30	6198GT	NUT, NYLOCK, 1/2-13	

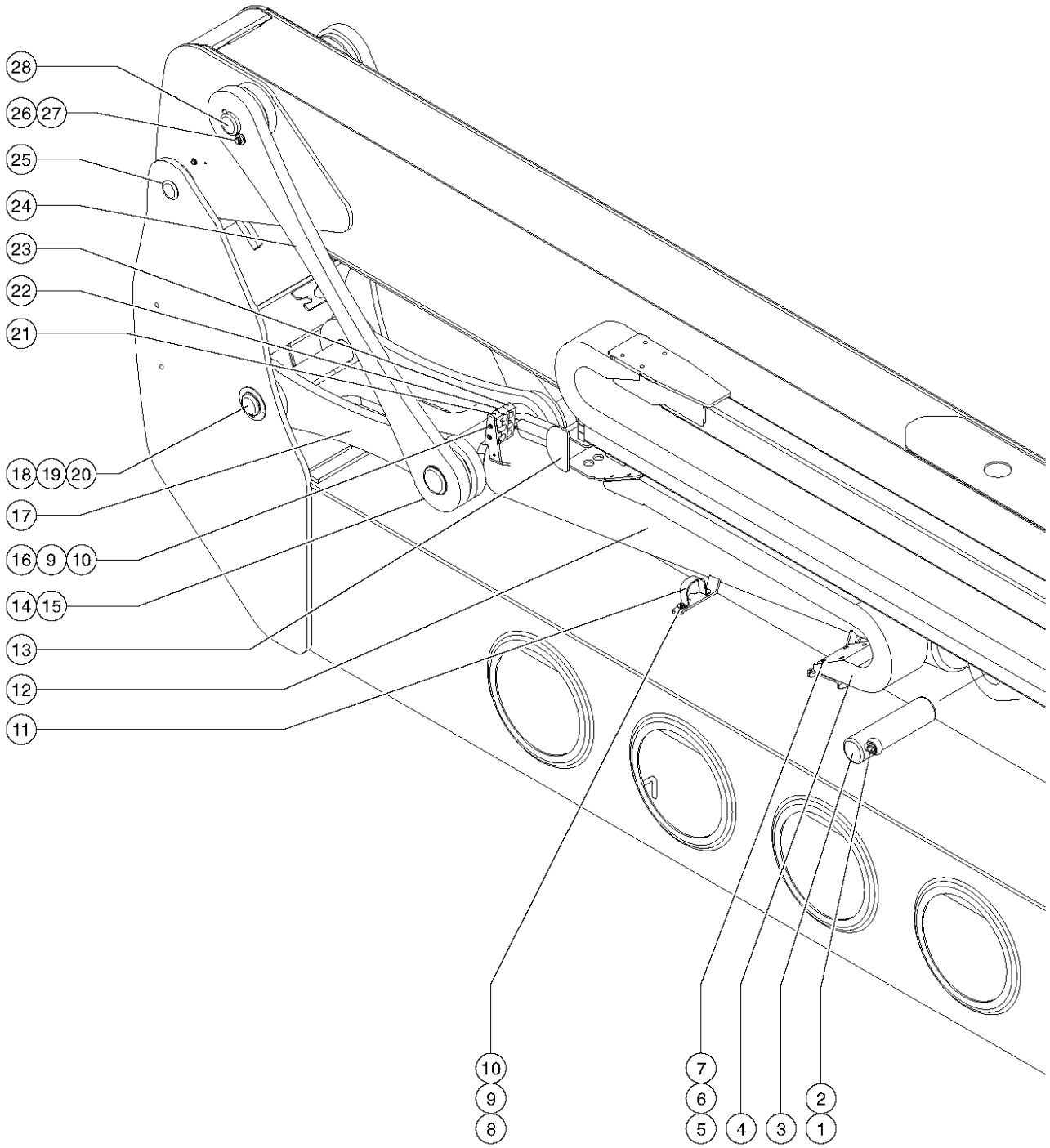
510.2 Primary Boom Link, Lever and Lift Cylinder (from SN 360)



510.2 Primary Boom Link, Lever and Lift Cylinder (from SN 360)

Item	Part No.	Description	Qty.
A-	107521GT	COVER,HOSE & CABLE, 100 INCH protects hoses between the primary and secondary booms	
1	33557GT	SCREW,HHC,3/4-10 X 2.00,GR5	
2	61341GT	ROD END,.75 X 5.00	1
3	94810GT	PIN,3.00DIAX11.50LG,1HOLE	1
4	106574GT	CABLE TRACK,STEEL 11 LINKS	1
5	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
6	6097GT	WASHER, FLAT, USS, 3/8", Y	
7	4828GT	NUT, NYLOCK, 3/8-16	
8	6090GT	SCREW, HHC, 1/4-20 X .75	
9	6638GT	WASHER, FLAT, USS, 1/4"Y	
10	6091GT	NUT,NYLOCK,1/4-20	
11	106580PGT	BRACKET,RISER CYL MOUNT PAINTD	1
12	61814GT	CYLINDER,PRIMARY BOOM LIFT	1
12-	88279GT	BEARING,3.00IDX3.50ODX1.50L	
12-	101562GT	BEARING,3.25IDX3.75ODX2.00L	
12-	33428GT	VALVE,COUNTERBALANCE	2
12-	106378GT	SEAL KIT, Z135 LIFT (61814)	
13		Ref. Cable Track Support (refer to 512.1)	
14	94811GT	PIN,3.25DIAX19.00LG,2RING	1
15	1253814GT	SNAP RING,EXTERNAL,3.25,ZAG	2
16	36294GT	SCREW,HHC,1/4-20 X 2.75	
17	106552GT	LINK ASSEMBLY,PRIMARY BOOM	1
17-	101566GT	BEARING,FL,2.50IDX2.75ODX1.36L	
17-	101567GT	BEARING,3.25IDX3.5ODX1.50L	
18	119108GT	PIN,2.50DIAX18.68LG,2RING	1
19	29746GT	WASHER,FLAT,2.5 X 4 X .062	2
20	825760GT	SNAP RING,EXTERNAL,2.50,ZAG	2
21	101110GT	CABLE STAY	1

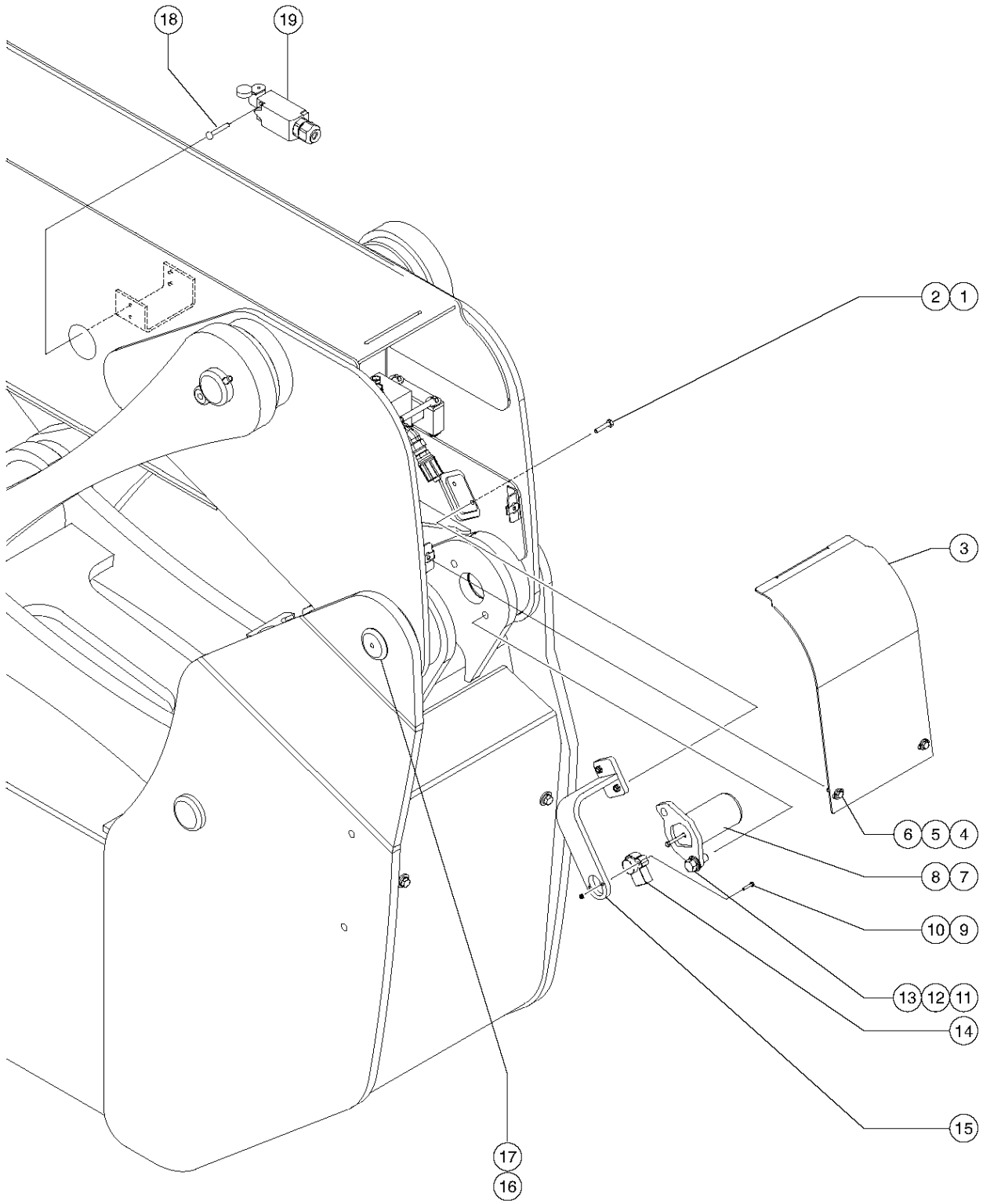
510.2 Primary Boom Link, Lever and Lift Cylinder (from SN 360)



510.2 Primary Boom Link, Lever and Lift Cylinder (from SN 360)

Item	Part No.	Description	Qty.
22	101315GT	CABLE STAY	1
23	101106GT	CLAMP ASSY.OPTIONS BLOCK W/NUT	1
24	106553GT	LEVER ASSEMBLY,PRIMARY BOOM	2
24-	101566GT	BEARING,FL,2.50IDX2.75ODX1.36L	
25		Ref. Angle Sensor Pivot Pin (refer to 511.1)	
26	8516GT	SCREW, HCC, 3/8-16 X 1.50	
27	825019GT	ROD END, .375X3.69, ZAG	
28	94809GT	PIN,2.50DIAX19.56LG,2HOLE	1

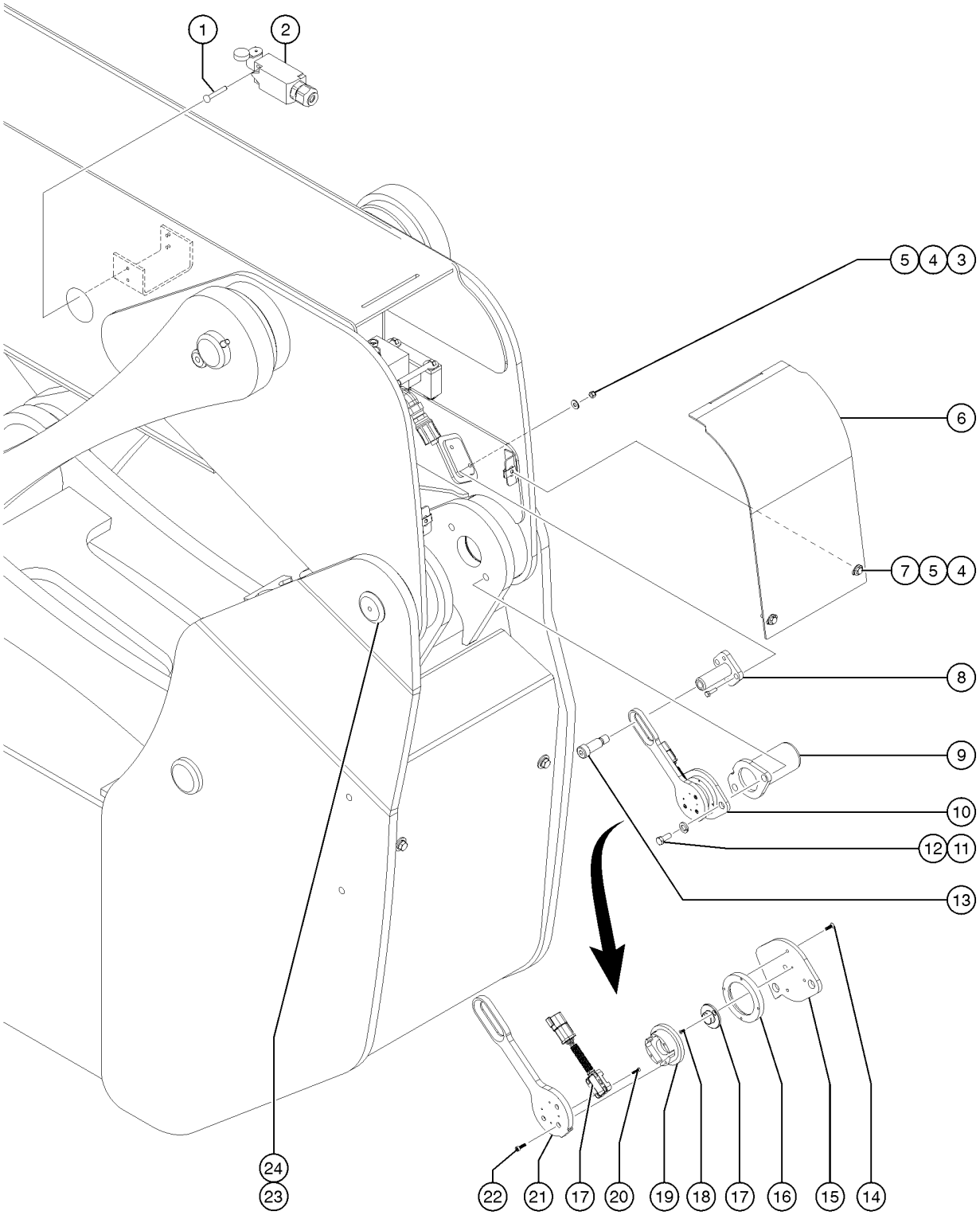
511.1 Primary Boom Angle Sensor and Retract Limit Switch (to SN 1853)



511.1 Primary Boom Angle Sensor and Retract Limit Switch (to SN 1853)

Item	Part No.	Description	Qty.
1	8915GT	SCREW, HHC, 1/4-20 X 1.25	
2	6889GT	NUT,LP NYLOCK,1/4-20	
3	107838GT	PRIMARY BOOM COVER W/DECAL USA, Canada, Australia	1
3-	106277PGT	COVER,PRIMARY BOOM,PAINTED Europe, Asia, South America	
4	6888GT	SCREW, HHC, 1/4-20 X 1	
5	6638GT	WASHER, FLAT, USS, 1/4"Y	
6	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
7	101715GT	WELDMENT,PRI.ROTARY SENSOR PIN	1
8	101599GT	KEY,BALL POINT HEX	1
9	22541GT	SCREW,RHM,10-32 X 1.5	
10	6178GT	NUT, NYLOCK, 10-32	
11	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
12	6033GT	WASHER,LOCK,0.5"	
13	13066GT	WASHER,FLAT,.5 HARDENED	
14		Ref. SENSOR,DUAL OUTPUT,ANGLE (calibration required after replacement). Older sensor part 94980 is no longer available at this location. For first time replacement, order kit 217246 (refer to 511.2)	1
14-	217246GT	KIT,Z135 PRIMARY ANGLE SEN. (refer to 511.2)	
15	101710GT	MACH,PRI.ROTARY SENSOR	1
16	94814GT	PIN,2.25 DIA X 5.10LG,THREADED	1
16-	1256267GT	ROD END,.5 X 3.75,ZAG	
16-	1256843GT	SCREW,HHC,1/2-13X1.25,8,ZAG	
17	1257080GT	WASHER,FLAT,2.27X3.5X.06,ZAG	2
18	49817GT	SCREW,PHILLIPS,PHM,10-32 X1.25	
19	110913GT	SWITCH ASSY,LIMIT LSP1RO	1
19-	110771-42163GT	SWITCH,LIMIT W/ROLLER NO/NC	
19-	43960GT	WIRE CABLE,16/4 CON.TPE JKT	29
19-	119067GT	CONN, RECEP, 4 WAY, DEUTSCH, DT, ENDCAP	
19-	60443GT	LOCK, RECEP 4WAY, 14-18GA	
19-	73713GT	TERMINAL, PIN, DT, 14-18 AWG, NICKEL, 0.095-0.150 OD, DEUTSCH, STRIP	

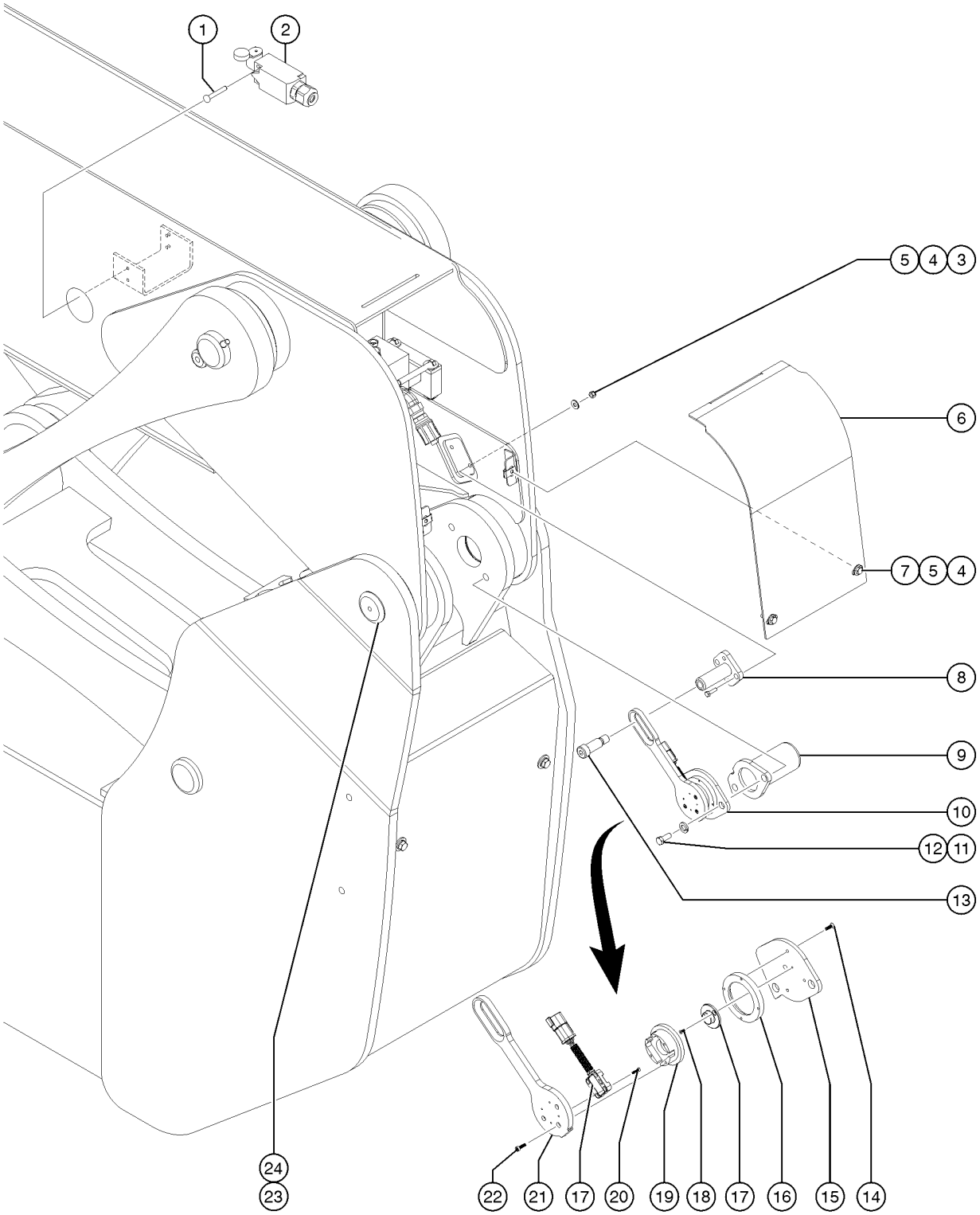
511.2 Primary Boom Angle Sensor and Retract Limit Switch (from SN 1854)



511.2 Primary Boom Angle Sensor and Retract Limit Switch (from SN 1854)

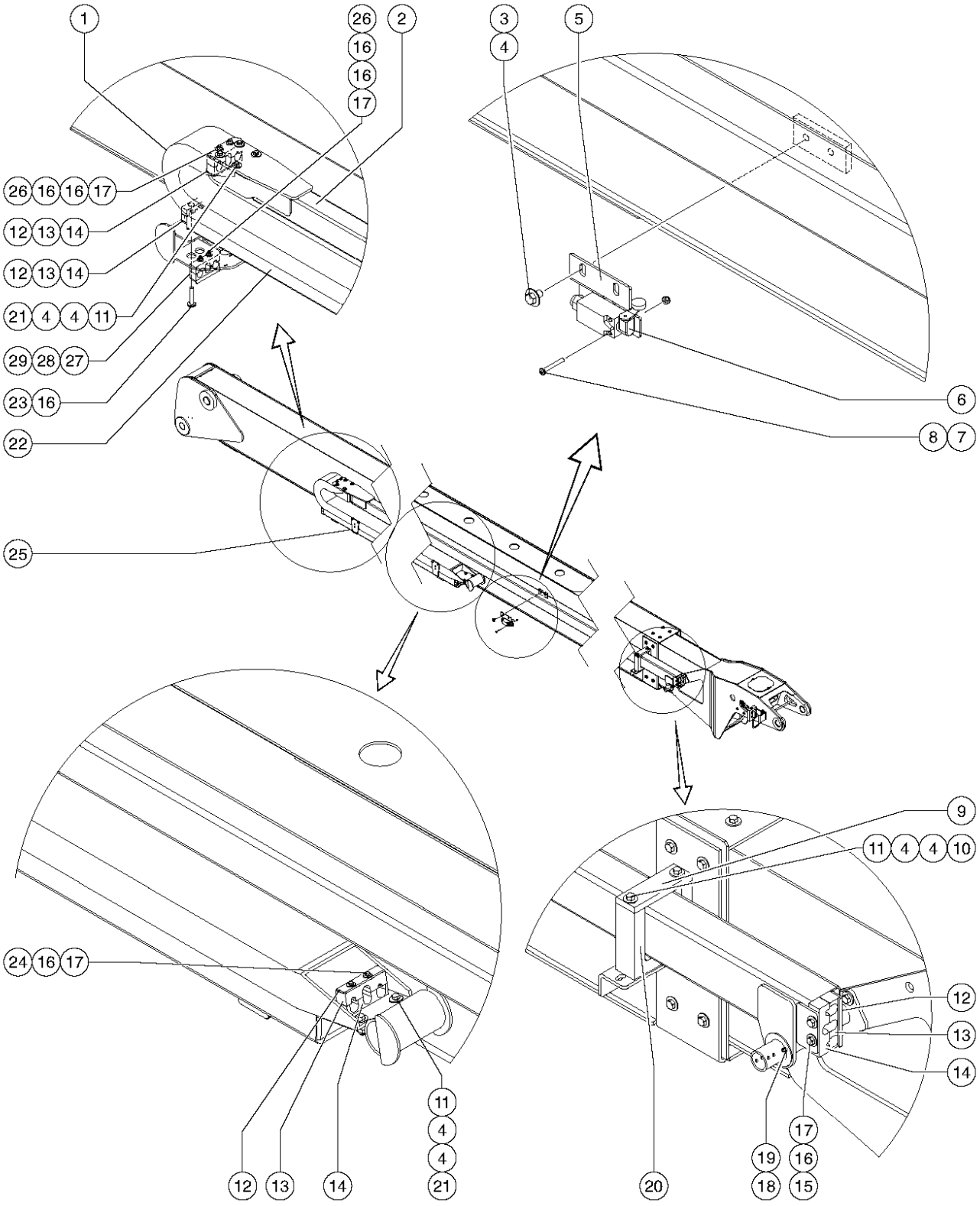
Item	Part No.	Description	Qty.
1	49817GT	SCREW,PHILLIPS,PHM,10-32 X1.25	
2	110913GT	SWITCH ASSY,LIMIT LSP1RO	1
2-	110771-42163GT	SWITCH,LIMIT W/ROLLER NO/NC	
2-	43960GT	WIRE CABLE,16/4 CON.TPE JKT inches	29
2-	119067GT	CONN, RECEP, 4 WAY, DEUTSCH, DT, ENDCAP	
2-	60443GT	LOCK, RECEP 4WAY, 14-18GA	
2-	73713GT	TERMINAL, PIN, DT, 14-18 AWG, NICKEL, 0.095-0.150 OD, DEUTSCH, STRIP	
3	6091GT	NUT,NYLOCK,1/4-20	
4	6638GT	WASHER, FLAT, USS, 1/4"Y	
5	8915GT	SCREW, HHC, 1/4-20 X 1.25	
6	106277PGT	COVER,PRIMARY BOOM,PAINTED	
7	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
8	233118GT	WLDT, SENSOR ROTATOR #2	
9	218757GT	WLDT., PRIMARY SENSOR PIN	
10	215728GT	ASSY,ANGLE SEN.,Z135 PRIMARY (Complete) Includes items 14 to 22; Calibration required after replacement	
11	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
12	6033GT	WASHER,LOCK,0.5"	
13	217235GT	SCREW,SHS,3/4X1.5X5/8-11,ZAG	
14	217217GT	SCREW,FHSCS,M4-0.7X14 CL10.9	
15	226489GT	MACHINED, PRIMARY SENSOR BASE	
16	226491GT	MACHINED, ANGLE SENSOR RACE	
17	216061GT	SENSOR, ANGLE, 180 DEG, CW Sensor and magnet are matched and must be replaced at the same time. Machine calibration is required after installation.	
18	237242GT	SCREW,FHS,M3-0.5X8,DIN7991,10.9,ZAB	
19	226492GT	MACHINED, ANGLE SENSOR HOLDER	
20	237241GT	SCREW,FHS,M3-0.5X14,DIN7991,10	
21	233116GT	MACHINED, SENSOR ARM	
22	217219GT	SCREW,SHC,M4-0.7X14 DIN912,12.9,ZAB	
23	94814GT	PIN,2.25 DIA X 5.10LG,THREADED	1

511.2 Primary Boom Angle Sensor and Retract Limit Switch (from SN 1854)



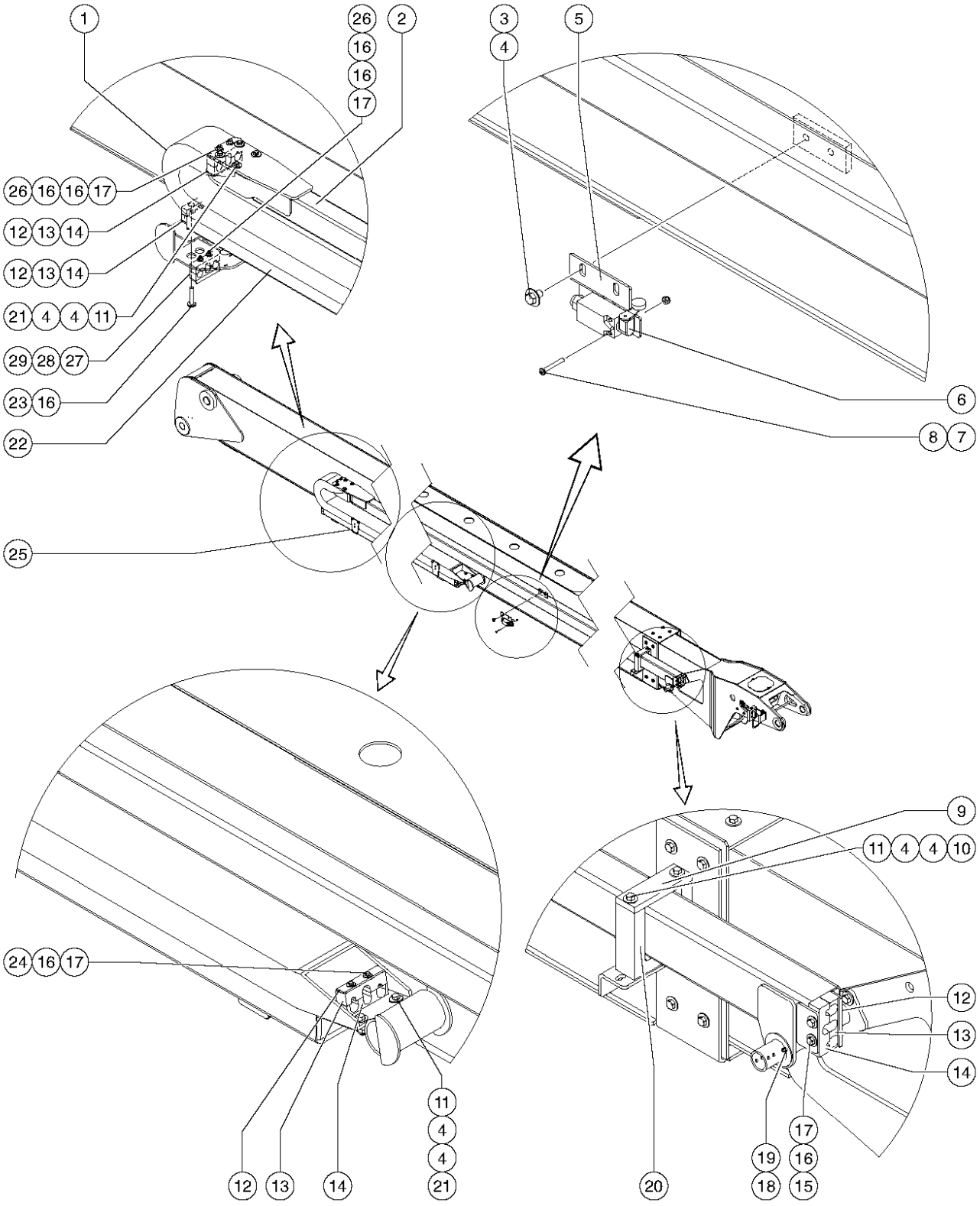
Item	*Part No.*	*Description*	*Qty.*
24	1257080GT	WASHER,FLAT,2.27X3.5X.06,ZAG	2

512.1 Primary Boom Cable Track



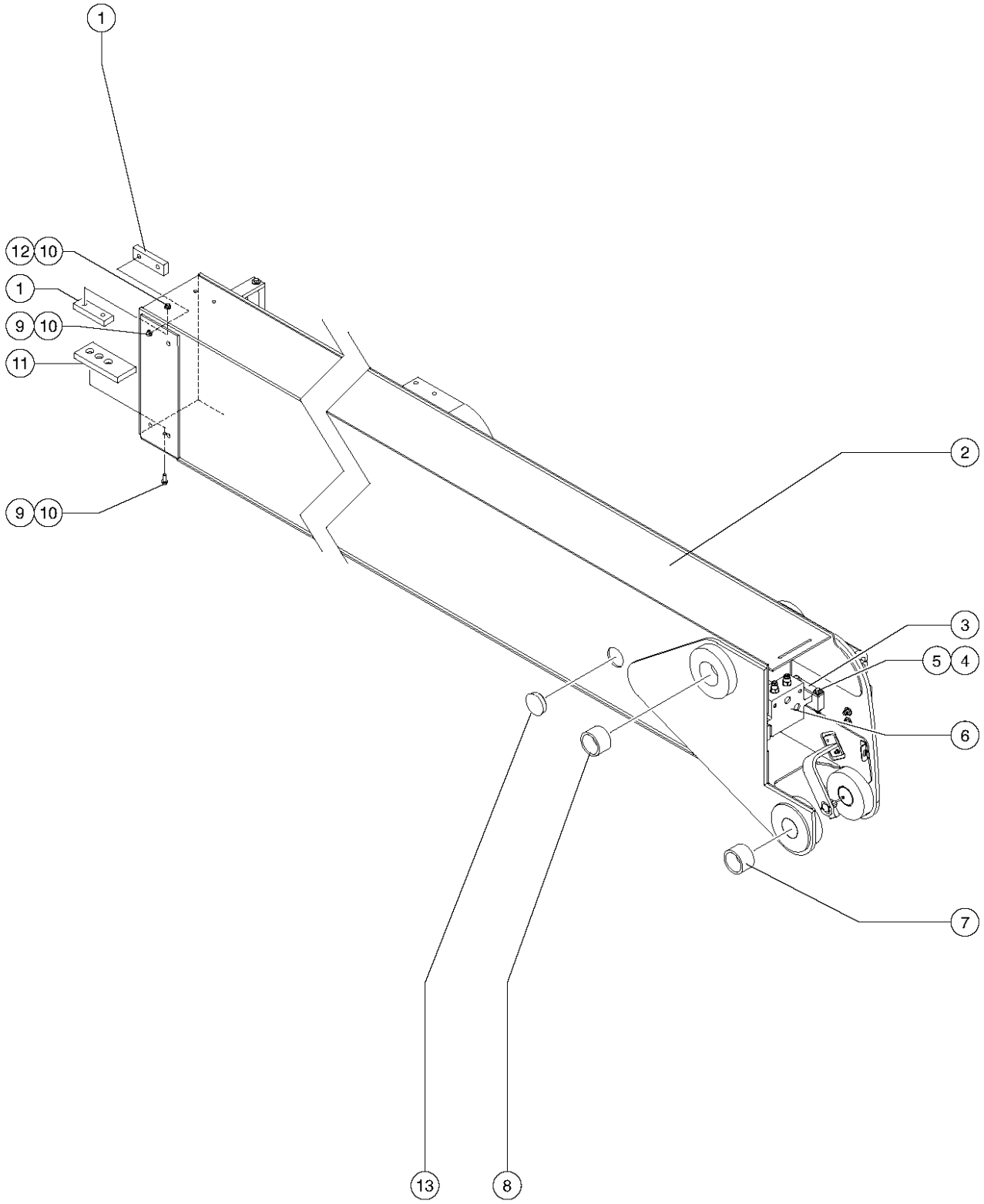
Item	Part No.	Description	Qty.
1	61852GT	CABLE TRACK,STEEL 27 LINKS	1
1-	77896GT	ASSY,FOUR LINK CABLE TRACK***	
1-	102216GT	BRACKET,CABLE TRACK,MOVING END	
1-	106154GT	KIT,PIN & RING***	
1-	58308GT	ROLLER,ALUM TUBE,ST.TRK***	
1-	58309GT	ROLLER,POLY,STEEL TRACK***	
2	101098GT	WELDMENT,PRIMARY PULL TUBE	1
3	33681GT	SCREW,HHC,3/8-16 X .625	
4	6097GT	WASHER, FLAT, USS, 3/8", Y	
5	88019PGT	FORMING,LIMIT SWITCH MOUNT	1
6	110914GT	SWITCH ASSY,LIMIT LSS1EO	1
6-	110771-44163GT	SWITCH LIMIT W/RLLR NO/NC GOLD	
6-	43960GT	WIRE CABLE,16/4 CON.TPE JKT	340
6-	119065GT	CONN, RECEP, 2 WAY, DEUTSCH, DT	
6-	60439GT	CONN, RECEP, 2 WAY, DEUTSCH, DT, LOCK	
6-	73713GT	TERMINAL, PIN, DT, 14-18 AWG, NICKEL, 0.095-0.150 OD, DEUTSCH, STRIP	
7	51063GT	SCREW,PHILLIPS,RHM,10-32 X 1.5	
8	6178GT	NUT, NYLOCK, 10-32	
9	81342GT	WEAR PAD,5.5 X 1.75 X .5	1
10	81777GT	SCREW,HHC,3/8-16 X 7	
11	4828GT	NUT, NYLOCK, 3/8-16	
12	107868PGT	PLATE,REINF.CLAMP STACK,PTD	4
13	101110GT	CABLE STAY	4
14	101315GT	CABLE STAY	4
15	36294GT	SCREW,HHC,1/4-20 X 2.75	
16	6638GT	WASHER, FLAT, USS, 1/4"Y	
17	6091GT	NUT,NYLOCK,1/4-20	
18	18596GT	WASHER,FLAT,1.56 X 2.5 X .061	

512.1 Primary Boom Cable Track



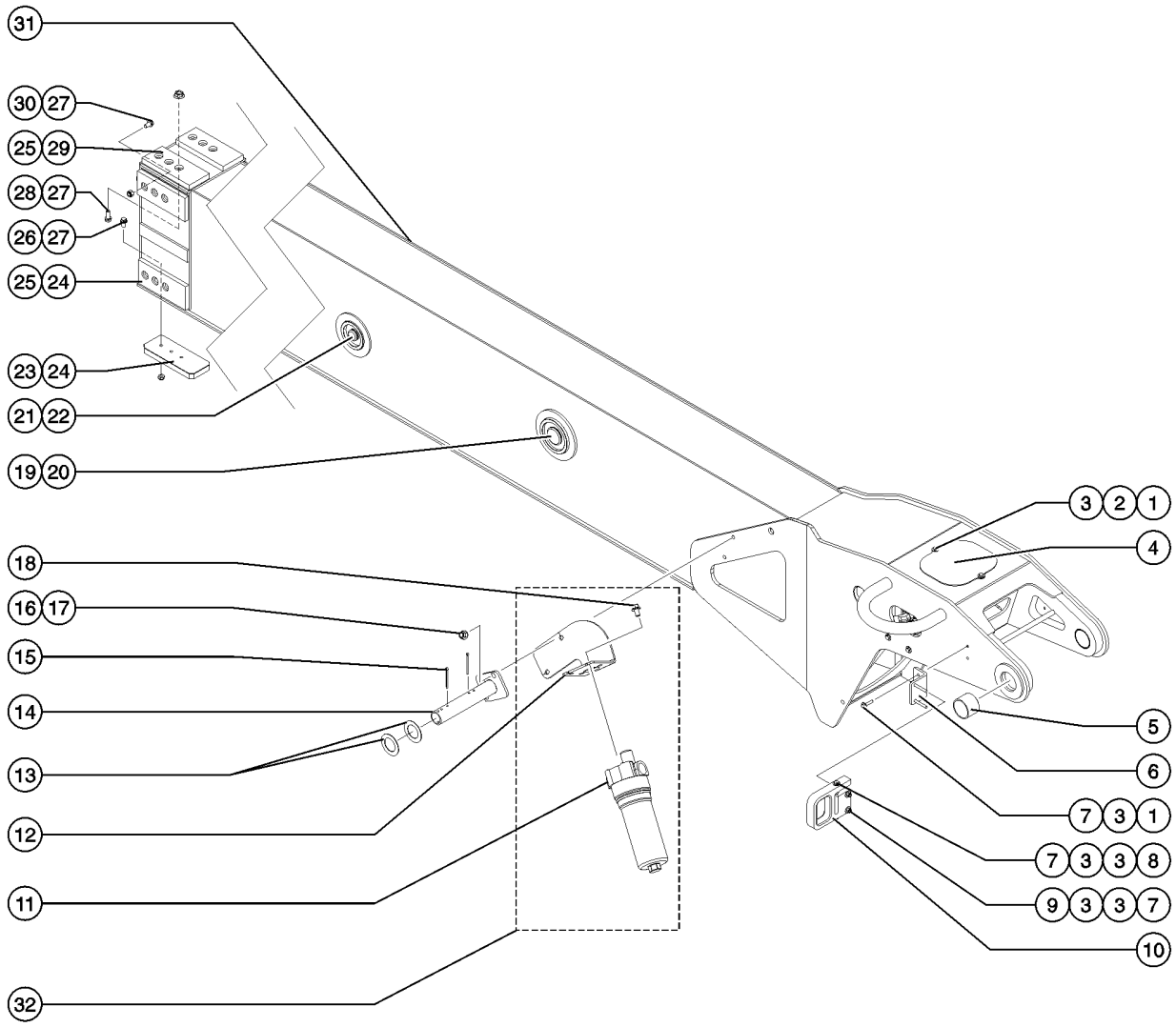
Item	Part No.	Description	Qty.
19	42079GT	PIN,COTTER,.156 X 2.5	
20	81341GT	WEAR PAD,CABLE TRACK PULL TUBE	1
21	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
22	94592GT	WELDMENT,CABLE TRACK SUPPORT	1
23	42571GT	SCREW,HHC,1/4-20 X 3.25	
24	11413GT	SCREW,HHC,1/4-20 X 4	
25	70264GT	CABLE TRACK GUIDE TRIANGLE	4
25-	39317GT	STOP PLATFORM ROLLER	
25-	87085GT	RIVET,ALUM,P,.188 X .25	
26	12343GT	SCREW,HHC,1/4-20 X 3	
27	101315GT	CABLE STAY from SN 379	1
28	101110GT	CABLE STAY from SN 379	1
29	107868PGT	PLATE,REINF.CLAMP STACK,PTD from SN 379	1

513.1 Primary Boom Bearings and Wear Pads



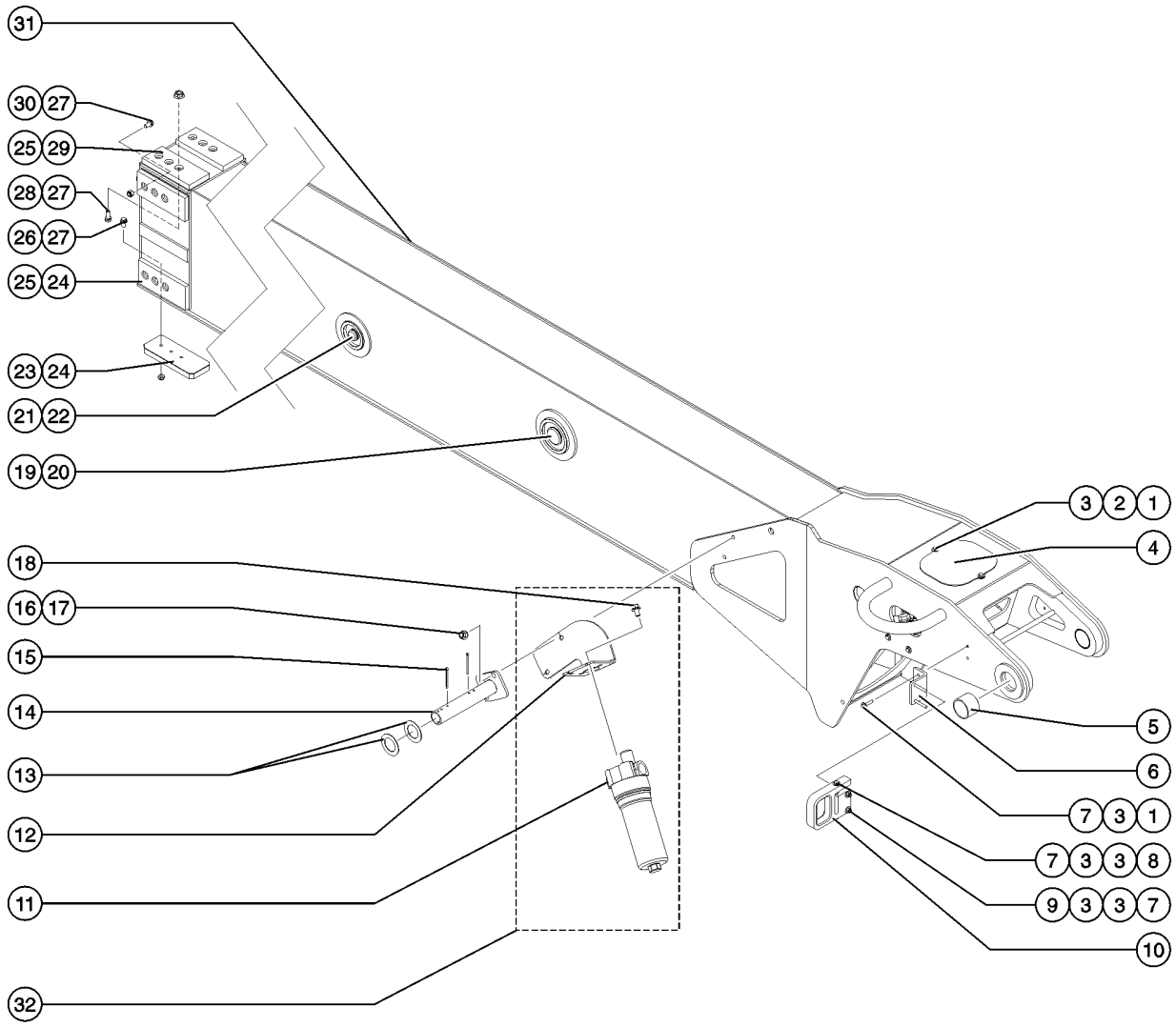
Item	*Part No.*	*Description*	*Qty.*
1	34125GT	WEAR PAD,5 X 1.5 X .75 W/NUTS	6
2	107762GT	ASSY,PRIMARY BOOM W/DECAL*** includes items 7, 8, and 13	1
3	101880PGT	PLATE,BLOCK SADDLE CAP PNTD	2
4	6326GT	SCREW,HHC,3/8-16 X 3	
5	6097GT	WASHER, FLAT, USS, 3/8", Y	
6	61815GT	CYLINDER,PRIMARY BOOM EXTEND	1
6-	106538GT	SEAL KIT,Z135 PEXT (61815)***	
6-	88667GT	VALVE,CB.CBCA-LHN@1500PSI***	
6-	74872GT	VALVE,COUNTERBALANCE 3000 PSI*	
6-	60239GT	WEAR PAD,7 X 3 X.625 W/INSERT	4
7	101561GT	BEARING,2.25IDX2.50ODX2.25L	2
8	101559GT	BEARING,FL,2.50IDX2.75ODX1.61L	2
9	6175GT	SCREW,HHC,3/8-16 X 1	
10	6021GT	WASHER, LOCK, .375	
11	50245GT	WEAR PAD,7 X 3 X.75 W/NUTS	2
12	49857GT	SCREW,HHC,3/8-16 X .88,GRD 8	
13	39640GT	PLUG,NYLON 2.50 BLACK DOMED	1

514.1 Primary Extension Boom



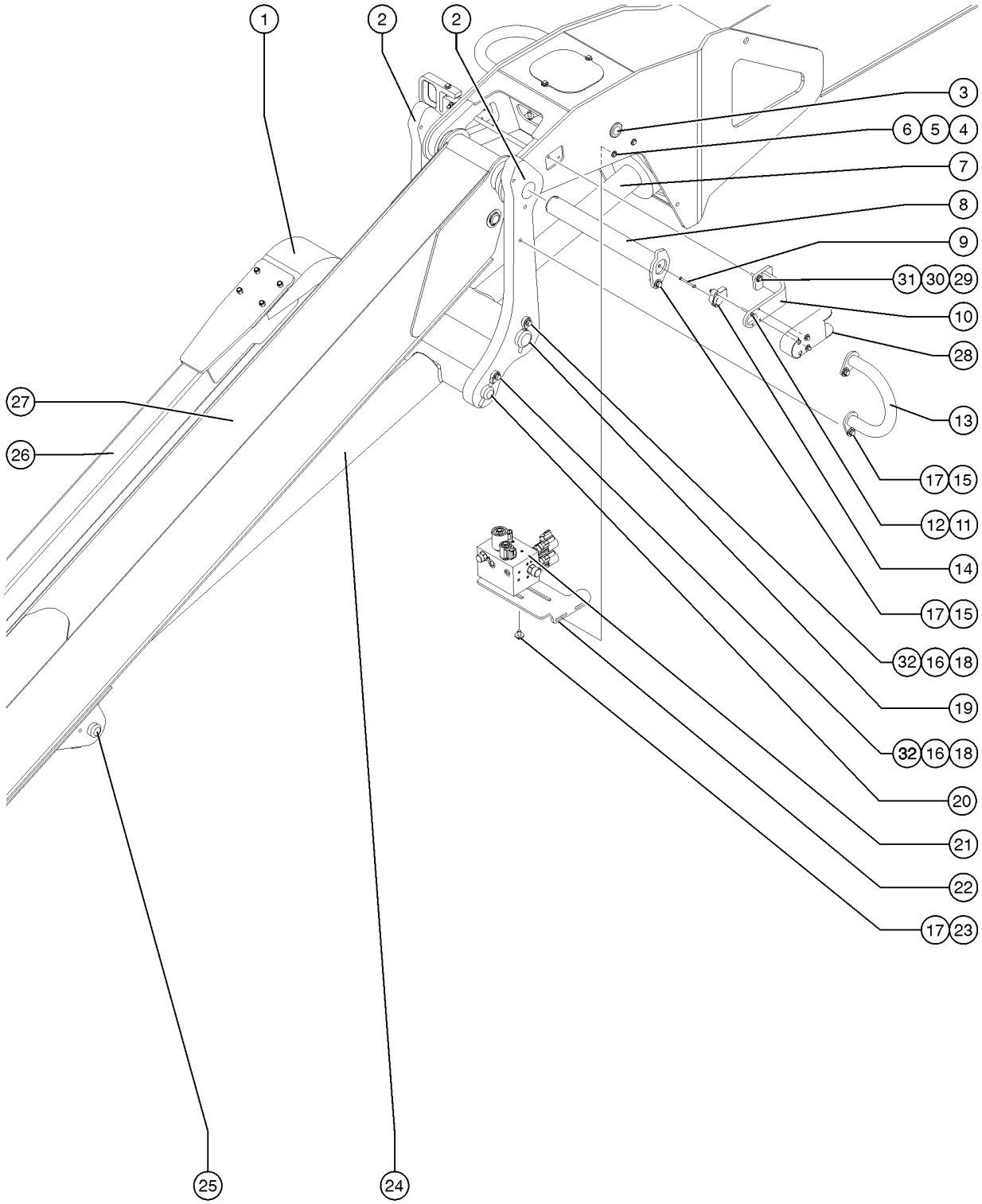
Item	Part No.	Description	Qty.
1	8915GT	SCREW, HHC, 1/4-20 X 1.25	
2	6356GT	WASHER, LOCK, .25	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	106081PGT	COVER,TOP,PRIMARY EXT. PAINTED	1
5	101560GT	BEARING,2.00IDX2.25ODX1.63L	2
6	106165GT	FORMING,CABLE GUIDE,PRIMARY	1
7	6091GT	NUT,NYLOCK,1/4-20	
8	74254GT	SCREW,HHC,1/4-20 X 4.5	
9	4266GT	SCREW,HHC,1/4-20 X 2	
10	106135GT	CLAMP,PRIMARY	1
11	60334GT	FILTER ASSY,HIGH PRESS SAE-12* (Part of kit 1268830)	
12	1268499GT	FORMING, FILTER BRACKET (Part of kit 1268830)	
13	18596GT	WASHER,FLAT,1.56 X 2.5 X .061	2
14	81347GT	WELDMENT,TRACK PULL TUBE PIVOT	1
15	42079GT	PIN,COTTER,.156 X 2.5	2
16	824092GT	SCREW, HHF, 3/8-16 X 1.5, 8, ZAG (before instaling kit 1268830)	
16	824029GT	NUT, TL FLG, 3/8-16, G, ZAG (Part of kit 1268830)	
17	4828GT	NUT, NYLOCK, 3/8-16 (before instaling kit 1268830)	
17	824093GT	SCREW, HHF, 3/8-16 X 1.75, 8, ZAG (Part of kit 1268830)	
18	1256857GT	SCREW,HHF,3/8-16X.625,8,ZAG (Part of kit 1268830)	
19	94806GT	PIN,2.00DIAX8.77LG,2RING	1
20	1253815GT	SNAP RING,EXTERNAL,2.00,ZAG	2
21	88345GT	PIN,1.25DIAX8.26LG,2RING	1
22	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	1
23	88648GT	WEAR PAD,7X3X.625 W/NUTS	2
24	60304GT	SHIM,WEAR PAD,7 X 3,12GA as-needed	
25	107586GT	WEAR PAD,7X3X.50 W/NUTS	4
26	824068GT	SCREW,HHC,3/8-16X1.25,8,ZAG	

514.1 Primary Extension Boom



Item	Part No.	Description	Qty.
27	48425GT	NUT,FLG-LRG,3/8-16,YZ	
28	1256109GT	SCREW,HHC,3/8-16X.75,8,ZAG	
29	60840GT	SHIM,WEAR PAD,7 X 3,16GA as-needed	
30	824067GT	SCREW, HHC, 3/8-16 X 1, 8, ZAG	
31	119847GT	ASSEMBLY,PRIMARY EXT.BOOM*** Includes item 5	1
32	1268830GT	KIT, JIB FILTRATION Recommended field kit (including items 11, 12, and 16-18). Refer to 713.1 for an extra added hose	1

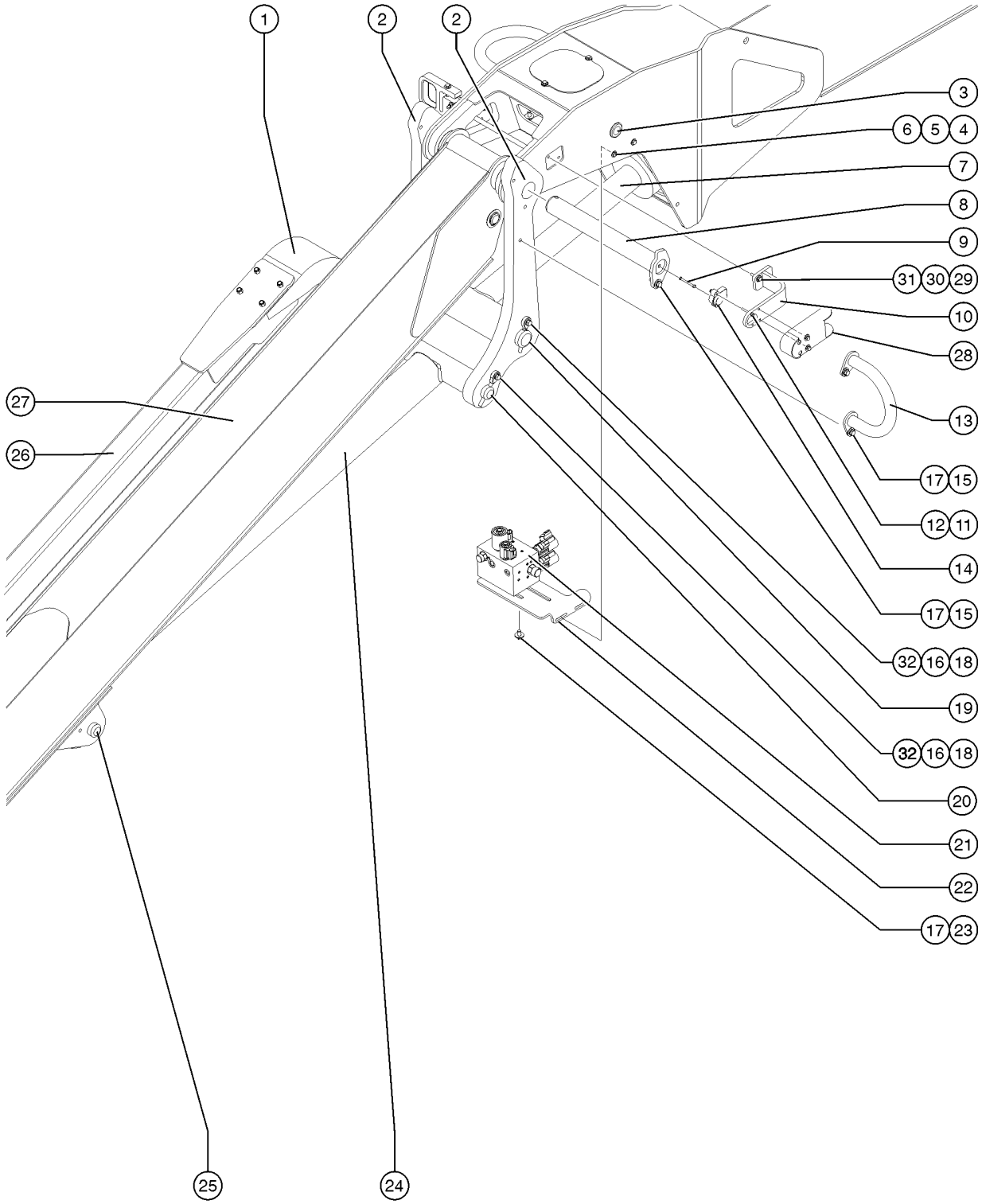
515.1 Bellcrank, Bellcrank Level Cylinder and Jib Boom Lift Cylinder (to SN 1853)



515.1 Bellcrank, Bellcrank Level Cylinder and Jib Boom Lift Cylinder (to SN 1853)

Item	Part No.	Description	Qty.
-	107522GT	COVER,HOSE & CABLE, 70 INCH protects hoses between the primary and jib booms	
1		Ref. Jib Boom Cable Track (refer to 516.1)	
2	61920PGT	Jib Boom Bellcrank	2
3	106923GT	GROMMET,RUBBER .38X1.38X1.0	2
4	8915GT	SCREW, HHC, 1/4-20 X 1.25	
5	6638GT	WASHER, FLAT, USS, 1/4"Y	
6	6091GT	NUT,NYLOCK,1/4-20	
7	106519GT	CYLINDER,BELLCRANK LEVELING	1
7-	106532GT	SEAL KIT,CYL.106519	
7-	33428GT	VALVE,COUNTERBALANCE	
7-	42014GT	BEARING,2.00IDX2.25ODX2.00L	
8	101713GT	WELD.BCRANK ROTARY SENSOR PIN	1
8B	1256864GT	WASHER,FLAT,2.01X3.5X.06,ZAG (not shown) install between primary to jib	
9	101599GT	KEY,BALL POINT HEX	1
10	101709GT	MACH,BELLCRANK ROT SENSOR BRKT	1
10-	128358GT	MACH,BELLCRANK ROT SENSOR BRKT	
11	22541GT	SCREW,RHM,10-32 X 1.5	
12	6178GT	NUT, NYLOCK, 10-32	
13	106688GT	WELDMENT,PROTECTION BAR	1
14		Ref. SENSOR,DUAL OUTPUT,ANGLE (calibration required after replacement). Older sensor part 94980 is no longer available. For first time replacement order kit 217313, 824589, or 824692 (refer to 515.2)	1
14-	217313GT	KIT,Z135 BELL CR ANGLE SEN. from SN 659	
14-	824589GT	KIT,Z135 BELL CR. ANGLE SEN from SN 327 to 658	
14-	824692GT	KIT,Z135 BELL CR. ANGLE SEN. to SN 326	
15	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
16	6021GT	WASHER, LOCK, .375	
17	6097GT	WASHER, FLAT, USS, 3/8", Y	
18	8516GT	SCREW, HCC, 3/8-16 X 1.50	
19	94804GT	PIN,2.00DIAX17.06LG,2HOLE	1

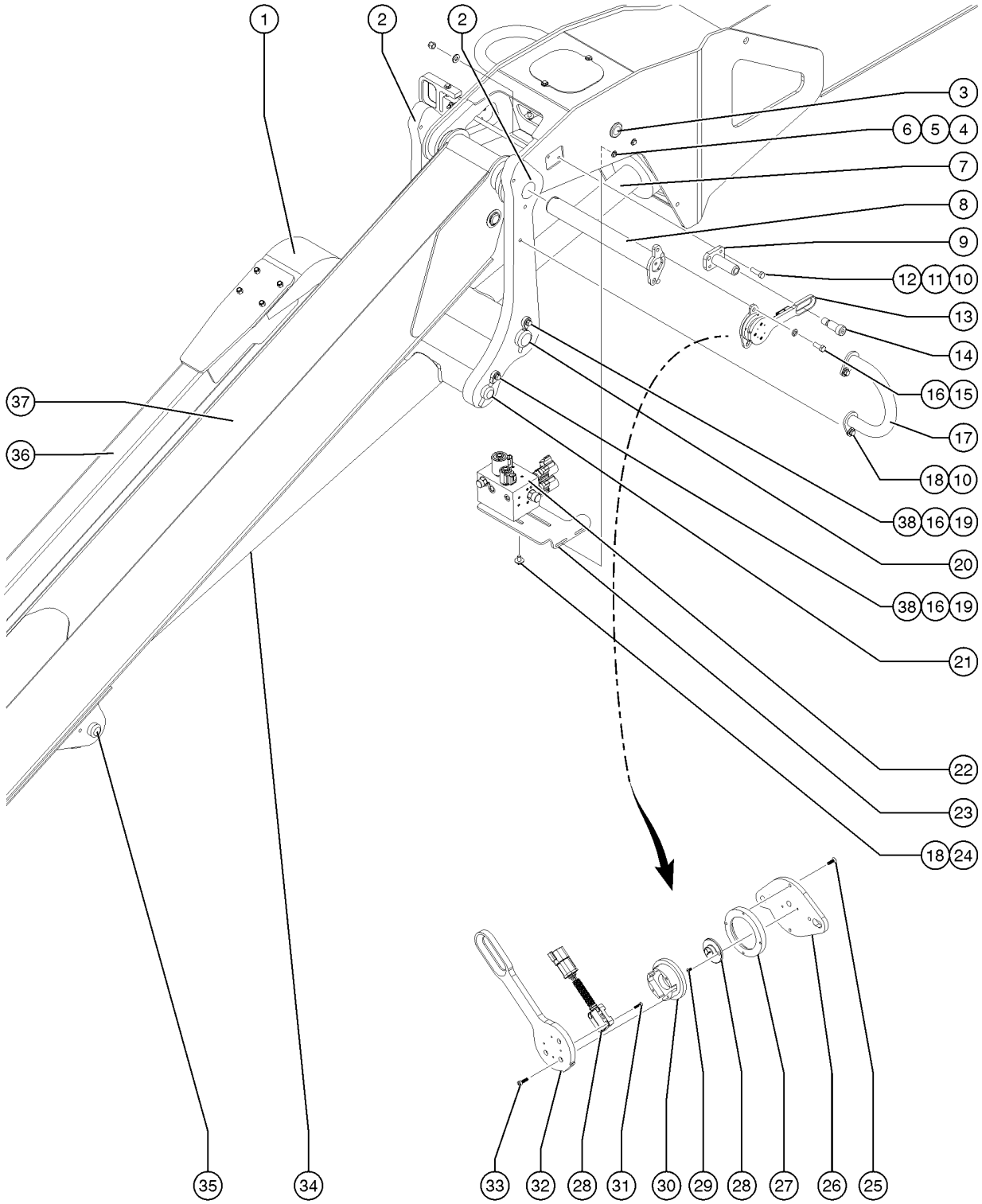
515.1 Bellcrank, Bellcrank Level Cylinder and Jib Boom Lift Cylinder (to SN 1853)



515.1 Bellcrank, Bellcrank Level Cylinder and Jib Boom Lift Cylinder (to SN 1853)

Item	Part No.	Description	Qty.
20	94803GT	PIN,1.50DIAX17.06LG,2HOLE	1
21		Ref. Jib Boom Manifold (refer to 704.1)	
22	106074GT	BRACKET,MANIFOLD,EXT.BOOM	1
23	94195GT	SCREW,HHC,3/8-16 X .75,GR 8	
24	61817GT	CYLINDER,LIFT,JIB BOOM	1
24-	94203GT	SEAL KIT,CYL	
24-	61602GT	VALVE,COUNTERBAL.CBBB-LHN@3500	
24-	88280GT	BEARING,1.5IDX1.75ODX0.75L	
25	47666GT	PIN,1.50DIAX9.13LG,1HOLE	1
26		Ref. Jib Cable Track Pull Tube (refer to 516.1)	
27	106674GT	JIB PRIMARY TUBE ASSEMBLY*** includes bearings	1
28	119527GT	FORMING,BCRANK ROTATE SW CVR	1
28-	6090GT	SCREW, HHC, 1/4-20 X .75	
28-	6356GT	WASHER, LOCK, .25	
28-	6638GT	WASHER, FLAT, USS, 1/4"Y	
29	8915GT	SCREW, HHC, 1/4-20 X 1.25	
29-	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
30	6638GT	WASHER, FLAT, USS, 1/4"Y	
30-	6097GT	WASHER, FLAT, USS, 3/8", Y	
31	6091GT	NUT,NYLOCK,1/4-20	
31-	4828GT	NUT, NYLOCK, 3/8-16	
32	825019GT	ROD END, .375X3.69, ZAG	

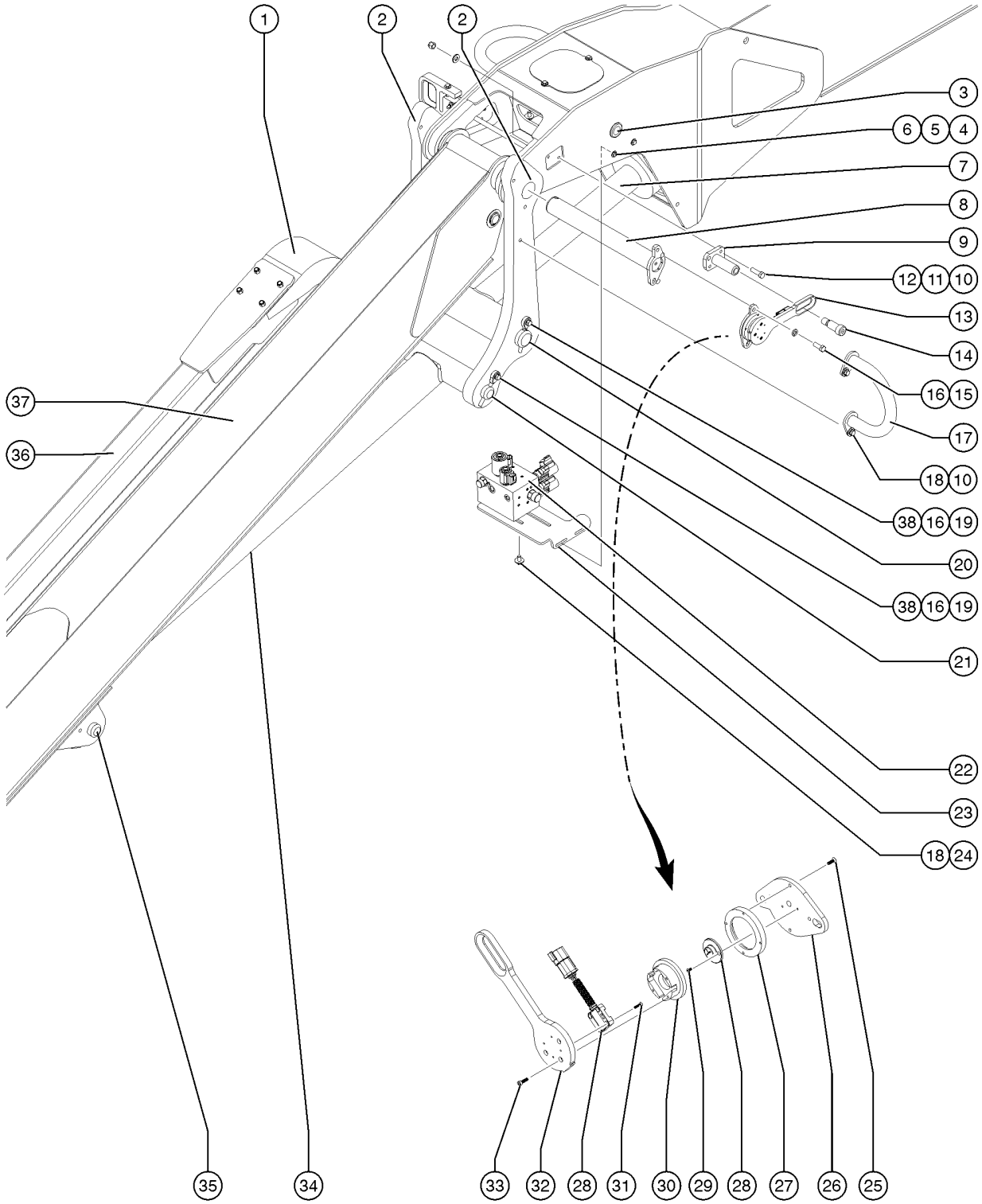
515.2 Bellcrank, Bellcrank Level Cylinder and Jib Boom Lift Cylinder (from SN 1854)



515.2 Bellcrank, Bellcrank Level Cylinder and Jib Boom Lift Cylinder (from SN 1854)

Item	Part No.	Description	Qty.
-	107522GT	COVER,HOSE & CABLE, 70 INCH Protects hoses between the primary and jib booms	
1		Ref. Jib Boom Cable Track (Refer to 516.1)	
2	61920PGT	Jib Boom Bellcrank	2
3	106923GT	GROMMET,RUBBER .38X1.38X1.0	2
4	8915GT	SCREW, HHC, 1/4-20 X 1.25	
5	6638GT	WASHER, FLAT, USS, 1/4"Y	
6	6091GT	NUT,NYLOCK,1/4-20	
7	106519GT	CYLINDER,BELLCRANK LEVELING	1
7-	106532GT	SEAL KIT,CYL.106519	
7-	33428GT	VALVE,COUNTERBALANCE	
7-	42014GT	BEARING,2.00IDX2.25ODX2.00L	
8	101713GT	WELD.BCRANK ROTARY SENSOR PIN	1
8B	1256864GT	WASHER,FLAT,2.01X3.5X.06,ZAG (not shown) install between primary to jib	
9	233118GT	WLDT, SENSOR ROTATOR #2	
10	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
11	5397GT	WASHER, FLAT, USS, 5/16-18	
12	4828GT	NUT, NYLOCK, 3/8-16	
13	217293GT	ASSY,ANGLE SEN.,Z135 BELL CR (Complete) Includes items 25 to 33; calibration required after replacement, (included in kits 217313, 824589 and 824692, refer to 515.1)	
14	217234GT	SCREW,SHS,3/4X1.25X5/8-11,ZAG	
15	6175GT	SCREW,HHC,3/8-16 X 1	
16	6021GT	WASHER, LOCK, .375	
17	106688GT	WELDMENT,PROTECTION BAR	1
18	6097GT	WASHER, FLAT, USS, 3/8", Y	
19	8516GT	SCREW, HCC, 3/8-16 X 1.50	
20	94804GT	PIN,2.00DIAX17.06LG,2HOLE	1
21	94803GT	PIN,1.50DIAX17.06LG,2HOLE	1
22		Ref. Jib Boom Manifold (Refer to 704.1)	
23	106074GT	BRACKET,MANIFOLD,EXT.BOOM	1

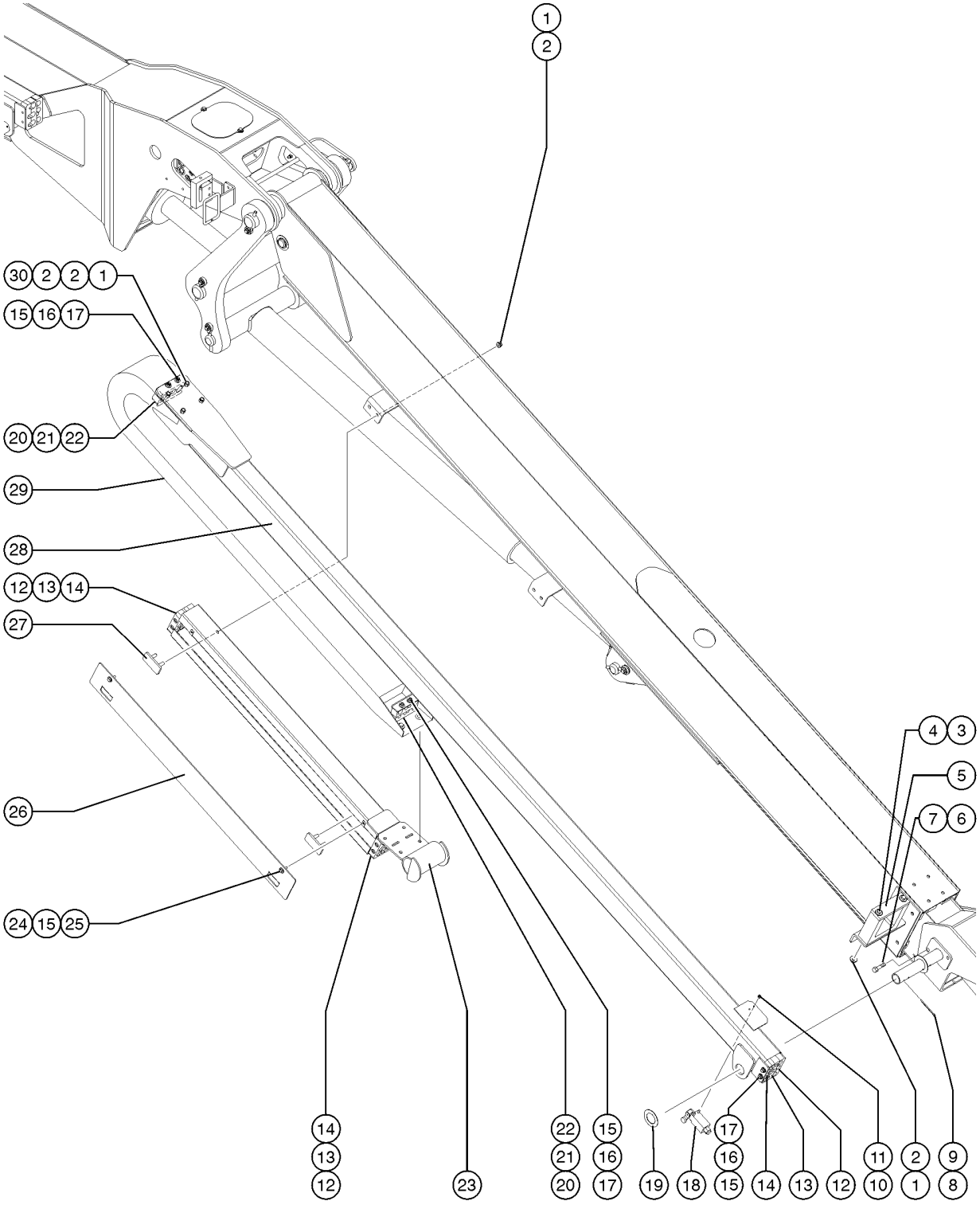
515.2 Bellcrank, Bellcrank Level Cylinder and Jib Boom Lift Cylinder (from SN 1854)



515.2 Bellcrank, Bellcrank Level Cylinder and Jib Boom Lift Cylinder (from SN 1854)

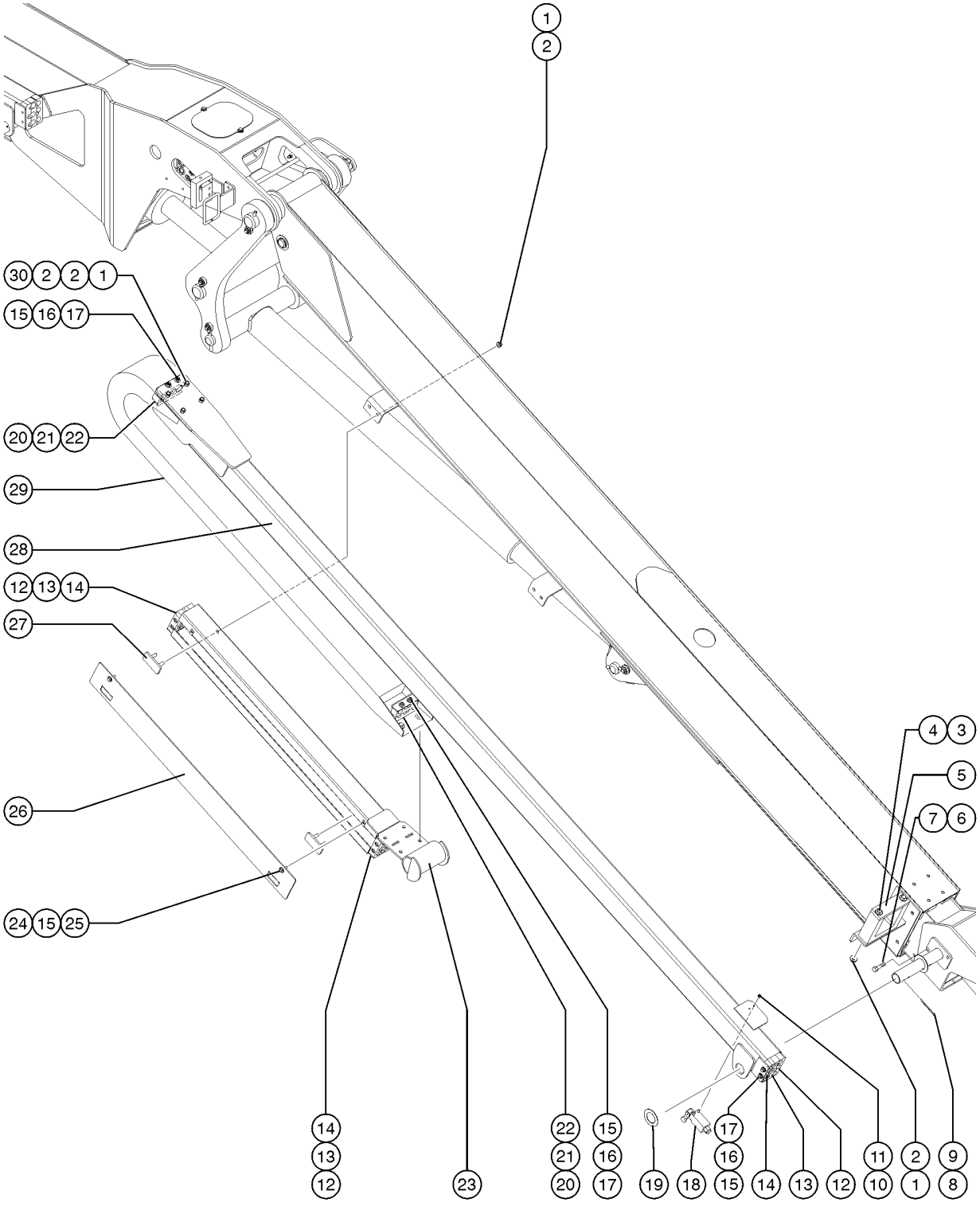
Item	Part No.	Description	Qty.
24	94195GT	SCREW,HHC,3/8-16 X .75,GR 8	
25	217217GT	SCREW,FHSCS,M4-0.7X14 CL10.9	
26	226487GT	MACHINED, BELL CR SEN. BASE	
27	226491GT	MACHINED, ANGLE SENSOR RACE	
28	216061GT	SENSOR, ANGLE, 180 DEG, CW Sensor and magnet are matched and must be replaced at the same time. Machine calibration is required after installation.	
29	237242GT	SCREW,FHS,M3-0.5X8,DIN7991,10.9,ZAB	
30	226492GT	MACHINED, ANGLE SENSOR HOLDER	
31	237241GT	SCREW,FHS,M3-0.5X14,DIN7991,10	
32	233116GT	MACHINED, SENSOR ARM	
33	217219GT	SCREW,SHC,M4-0.7X14 DIN912,12.9,ZAB	
34	61817GT	CYLINDER,LIFT,JIB BOOM	1
34-	94203GT	SEAL KIT,CYL	
34-	61602GT	VALVE,COUNTERBAL.CBBB-LHN@3500	
34-	88280GT	BEARING,1.5IDX1.75ODX0.75L	
35	47666GT	PIN,1.50DIAX9.13LG,1HOLE	1
36		Ref. Jib Cable Track Pull Tube (Refer to 516.1)	
37	106674GT	JIB PRIMARY TUBE ASSEMBLY*** Includes bearings	1
38	825019GT	ROD END, .375X3.69, ZAG	

516.1 Jib Boom Cable Track



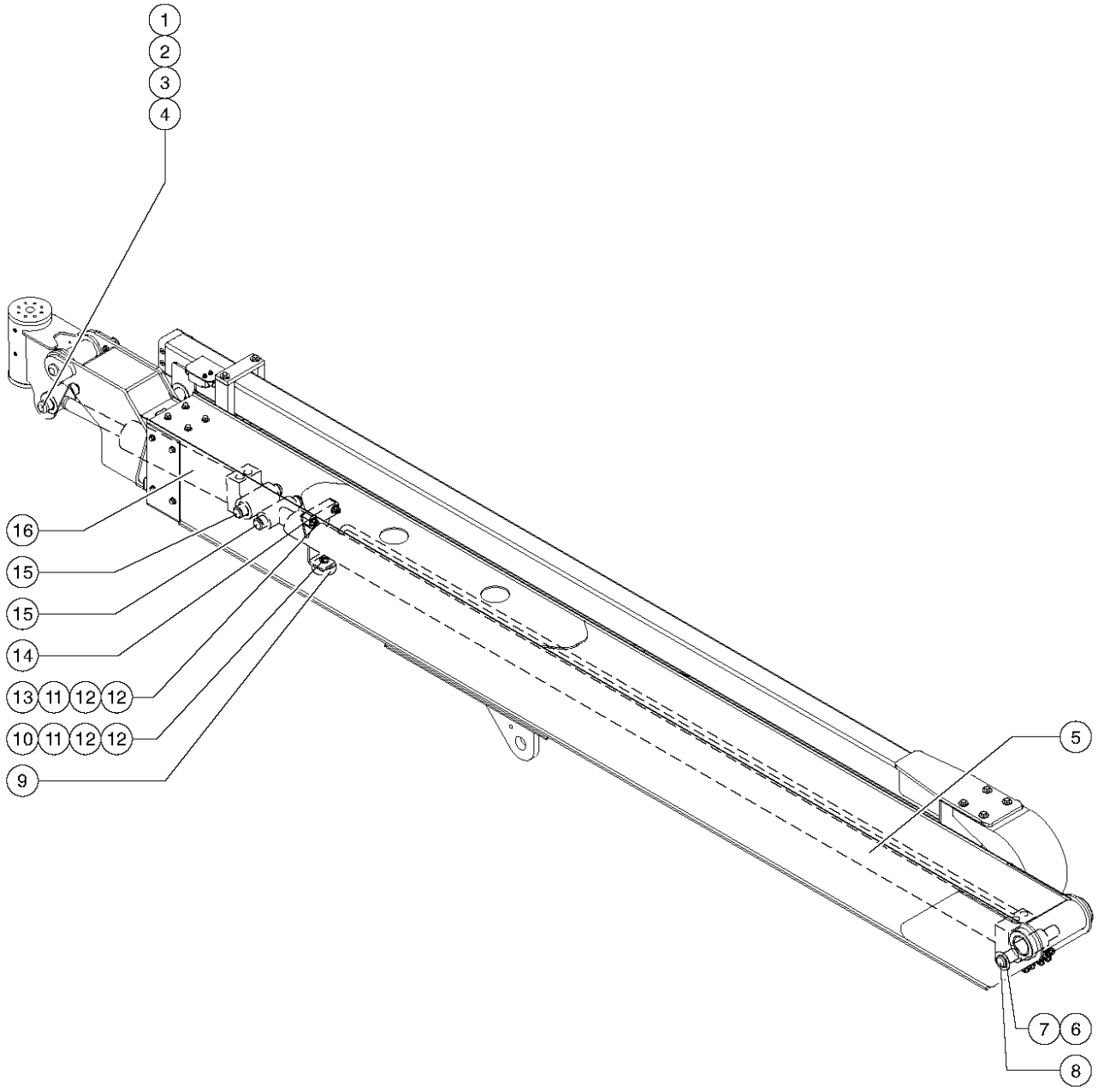
Item	Part No.	Description	Qty.
1	4828GT	NUT, NYLOCK, 3/8-16	
2	6097GT	WASHER, FLAT, USS, 3/8", Y	
3	81777GT	SCREW,HHC,3/8-16 X 7	
4	6097GT	WASHER, FLAT, USS, 3/8", Y	
5	81342GT	WEAR PAD,5.5 X 1.75 X .5	1
5-	81341GT	WEAR PAD,CABLE TRACK PULL TUBE	1
6	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
7	4828GT	NUT, NYLOCK, 3/8-16	
8	42079GT	PIN,COTTER,.156 X 2.5	
9	81347GT	WELDMENT,TRACK PULL TUBE PIVOT	
10	6178GT	NUT, NYLOCK, 10-32	
11	51063GT	SCREW,PHILLIPS,RHM,10-32 X 1.5	
12	101106GT	CLAMP ASSY.OPTIONS BLOCK W/NUT	4
13	101108GT	CABLE STAY,BOTTOM	4
14	101109GT	CABLE STAY,TOP	4
15	36294GT	SCREW,HHC,1/4-20 X 2.75	
16	6638GT	WASHER, FLAT, USS, 1/4"Y	
17	6091GT	NUT,NYLOCK,1/4-20	
18	110911GT	SWITCH ASSY,LIMIT LSJ1RO	1
18-	110771-42223GT	SWITCH,LIMIT, W/ROLLER NO/NC	
18-	43960GT	WIRE CABLE,16/4 CON.TPE JKT	40
18-	119065GT	CONN, RECEP, 2 WAY, DEUTSCH, DT	
18-	60439GT	CONN, RECEP, 2 WAY, DEUTSCH, DT, LOCK	
18-	73713GT	TERMINAL, PIN, DT, 14-18 AWG, NICKEL, 0.095-0.150 OD, DEUTSCH, STRIP	
19	18596GT	WASHER,FLAT,1.56 X 2.5 X .061	
20	107868PGT	PLATE,REINF.CLAMP STACK,PTD from SN 379	2
21	101108GT	CABLE STAY,BOTTOM from SN 379	2
22	101109GT	CABLE STAY,TOP from SN 379	2

516.1 Jib Boom Cable Track



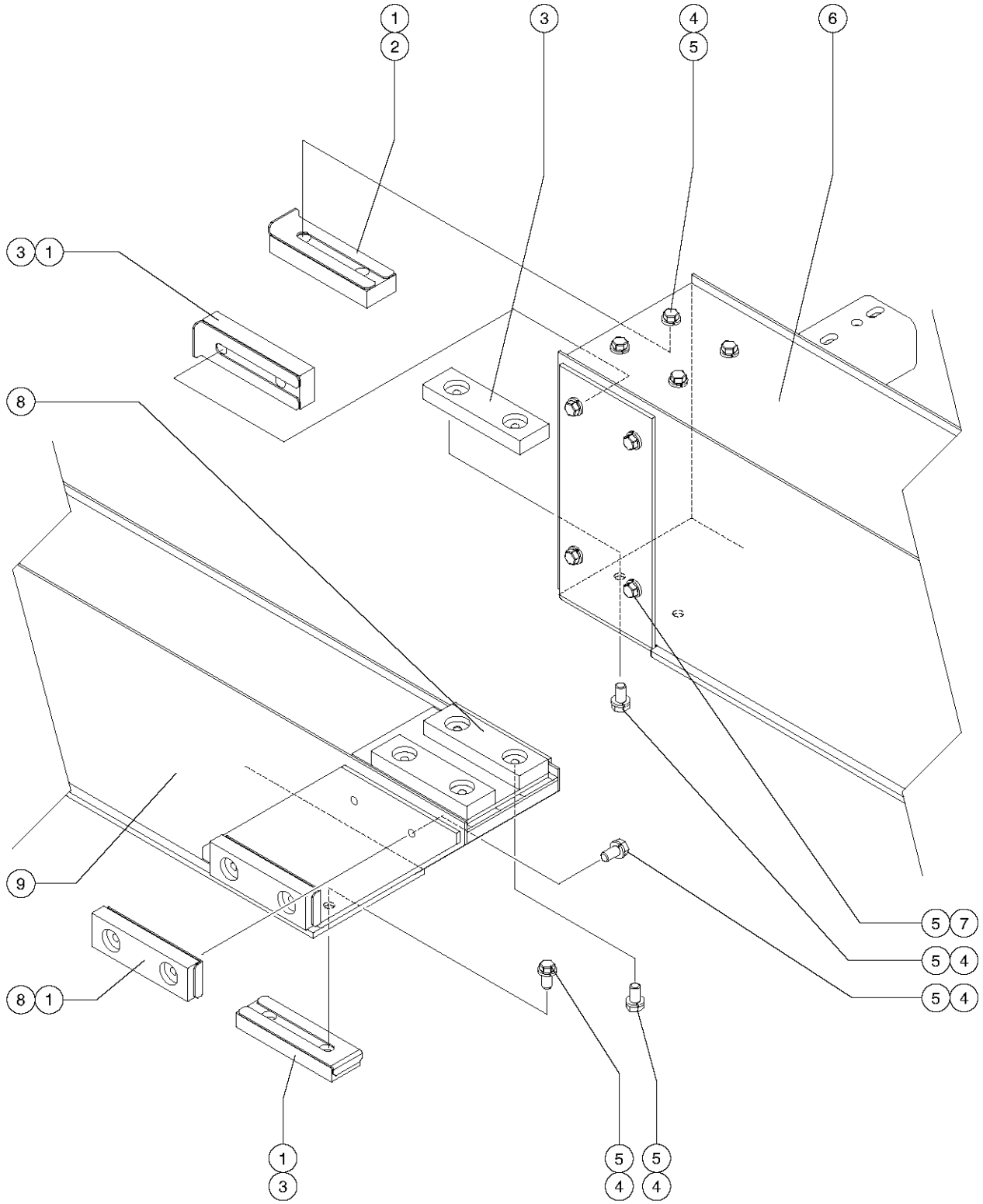
Item	Part No.	Description	Qty.
23	101099GT	WELDMENT,CABLE TRACK SUPPORT	1
24	6888GT	SCREW, HHC, 1/4-20 X 1	
25	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
26	101772GT	PLATE,CABLE TRACK COVER	1
27	101104GT	PLATE,CABLE TRACK MOUNT	2
27-	60790GT	BOLT,CARRIAGE,3/8-16 X1.50,G5	
28	101112GT	WELDMENT,JIB PULL TUBE	1
29	94775GT	CABLE TRACK,STEEL 15 LINKS	1
30	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	

517.1 Jib Boom Extension and Platform Level Cylinders



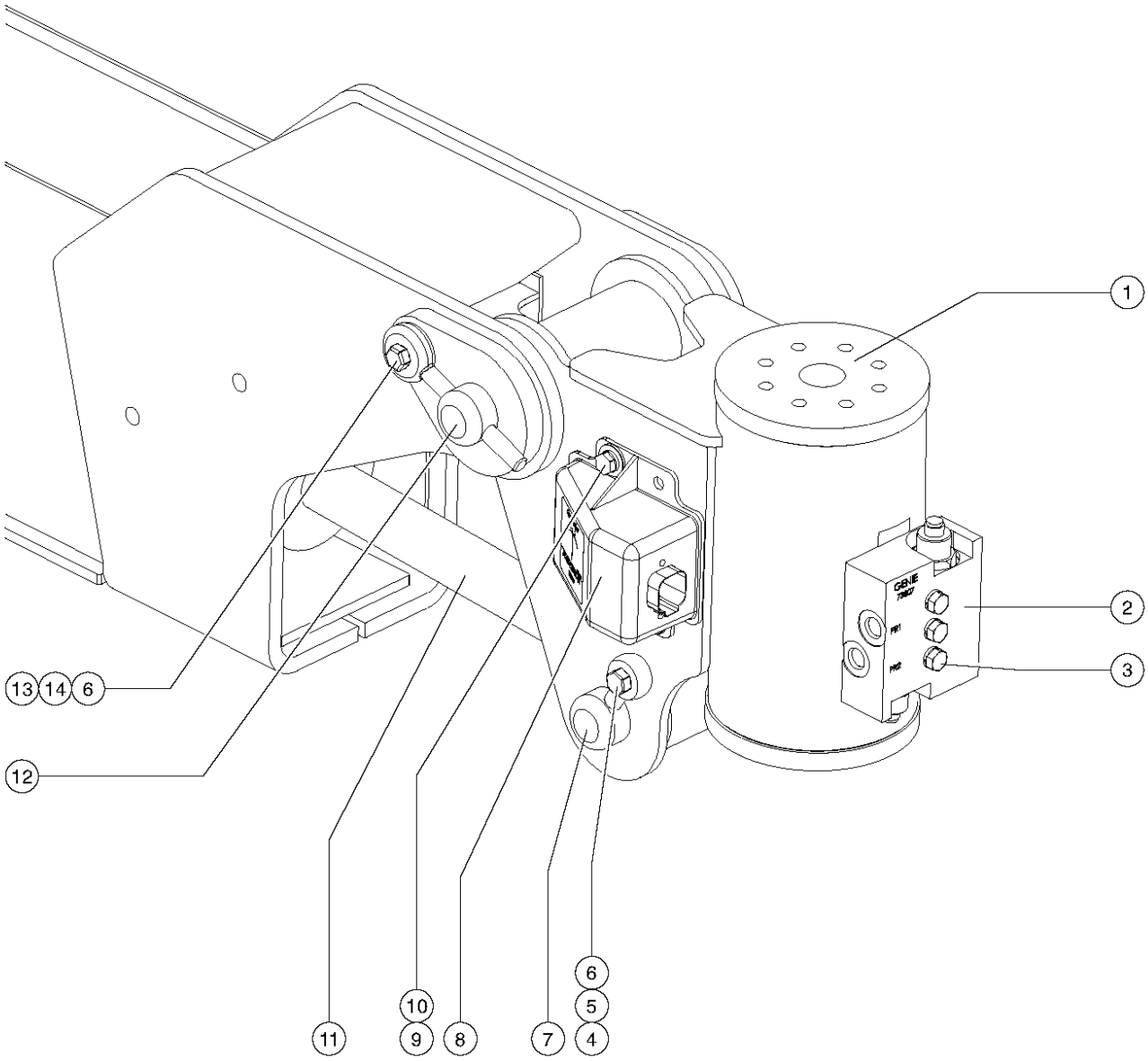
Item	Part No.	Description	Qty.
1	T108075GT	PIN,1.25DIAX5.25LG,1HOLE	1
2	1255452GT	ROD END,.375 X 2.25,ZAG	1
3	6175GT	SCREW,HHC,3/8-16 X 1	
4	7713GT	NUT, LP NYLOCK, 3/8-16	
5	94653GT	CYLINDER,JIB EXTENSION	1
5-	94194GT	SEAL KIT,Z135 JEXT (94653)	
5-	54063GT	VALVE,CB.CBBC-LHN@1000***	
5-	50701GT	VALVE,COUNTERBALANCE,2:1 3000 units with previous CB valves 89872 or 128119 (shorter in length) can use this valve	
6	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	
7	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	
8	T108079GT	PIN,1.25DIAX8.30LG,2RING	1
9	74085GT	REST PAD,UPPER PIVOT Z30N	1
10	8516GT	SCREW, HCC, 3/8-16 X 1.50	
11	4828GT	NUT, NYLOCK, 3/8-16	
12	6097GT	WASHER, FLAT, USS, 3/8", Y	
13	5224GT	SCREW,HHC,3/8-16 X 2	
14	71858GT	WEAR PAD,4.25 X 1.5 X 1	1
15	50546GT	PIN,1.25DIAX6.36LG,2RING	2
16	61816GT	CYLINDER,PLATFORM LEVELING to SN 458	1
16-	110580GT	CYLINDER,PLATFORM LEVELING*** from SN 459	1
16-	94193GT	SEAL KIT,CYL	2
16-	61602GT	VALVE,COUNTERBAL.CBBB-LHN@3500	
16-	47377GT	BEARING,1.25 ID X 1.5 OD X .75	4

518.1 Jib Boom Tubes and Wear Pads



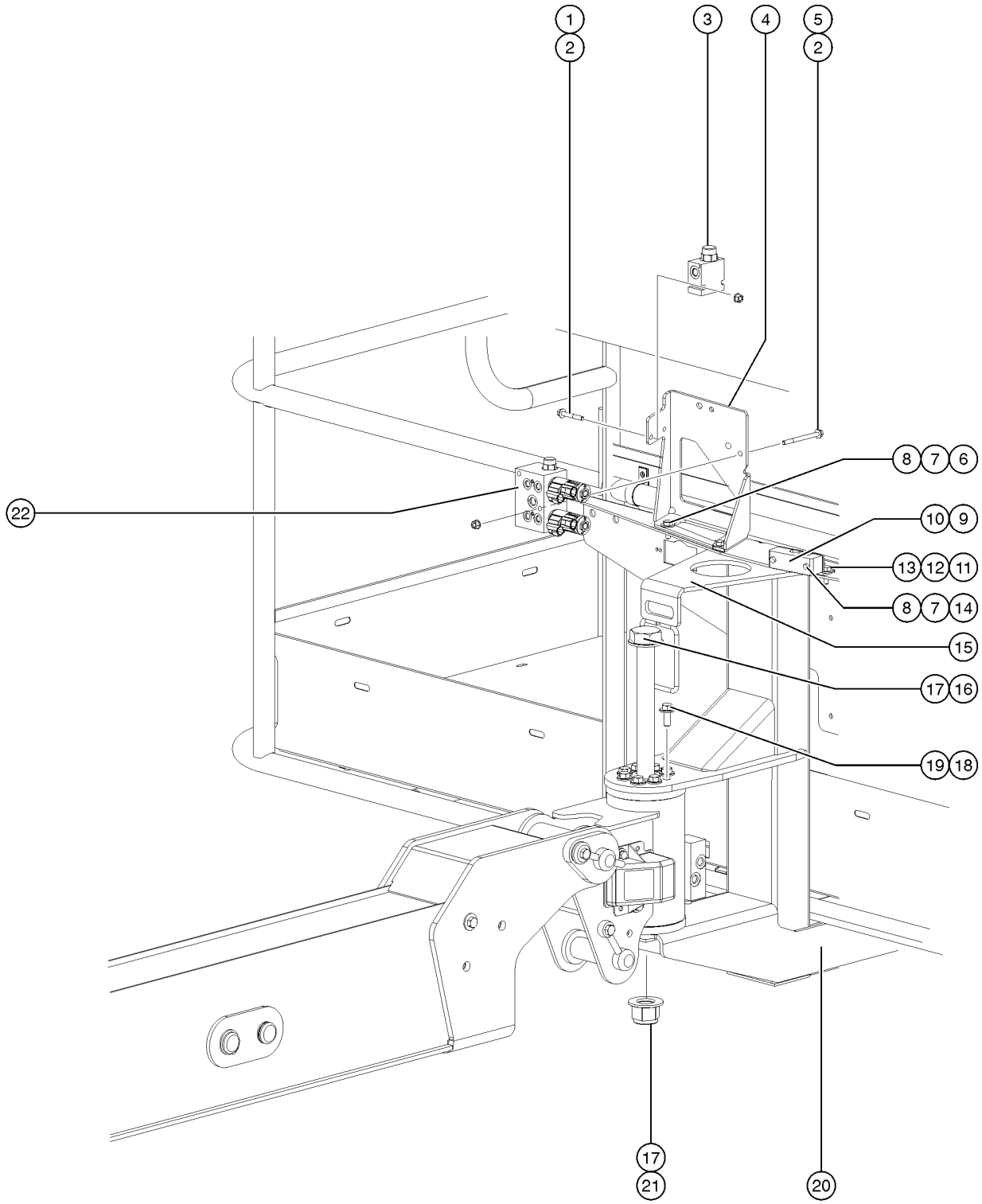
Item	Part No.	Description	Qty.
1	29080GT	SHIM,WEAR PAD,5X 1.5 16GA	as-needed
1-	42502GT	SHIM,SIDE PAD 22GA.	as-needed
2	30138GT	WEAR PAD,5 X 1.5 X .625 W/NUTS	2
3	34125GT	WEAR PAD,5 X 1.5 X .75 W/NUTS	8
4	8255GT	SCREW,HHC,3/8-16 X .75	
5	6021GT	WASHER, LOCK, .375	
6	106674GT	JIB PRIMARY TUBE ASSEMBLY*** includes bearings	
6-	42014GT	BEARING,2.00IDX2.25ODX2.00L	
7	6175GT	SCREW,HHC,3/8-16 X 1	
8	30137GT	WEAR PAD,5 X 1.5 X .50 W/NUTS	6
9	106673GT	JIB EXT TUBE W/DECAL USA, Canada, Australia; to SN 458	1
9A	110627GT	JIB EXT.TUBE W/DECAL USA, Canada, Australia; from SN 459	
9B	94555GT	WELDMENT,JIB EXTENSION*** Europe, Asia, South America; to SN 458	
9C	106675GT	JIB EXTENSION TUBE ASSEMBLY Europe, Asia, South America; from SN 459	

519.1 Platform Rotator



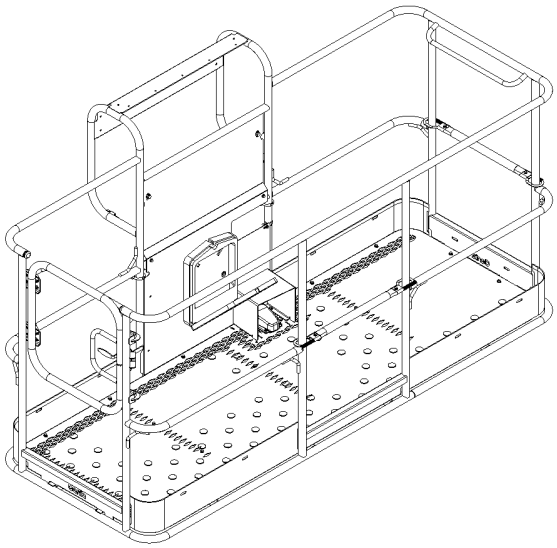
Item	Part No.	Description	Qty.
1	88576GT	ROTATOR,NON-JIB 88576 is the correct rotator for the Z-135.	1
1-	30370GT	BEARING,1.25IDX1.5ODX1.00L	2
1-	88516GT	SCREW,BLEEDER,M5X0.8	2
		or	
1-	122944GT	SEAL KIT,8K ROTATOR***	
2		Ref. Counterbalance Manifold (refer to 707.1)	
3	6637GT	SCREW,HHC,1/4-20 X 1.75	
4	6175GT	SCREW,HHC,3/8-16 X 1	
5	1255452GT	ROD END,.375 X 2.25,ZAG	
6	4828GT	NUT, NYLOCK, 3/8-16	
7	T108075GT	PIN,1.25DIAX5.25LG,1HOLE	1
8	50813GT	SENSOR,TILT,PCON (PLASTIC)****	1
9	8914GT	SCREW, HHC, 1/4-20 X .625	
10	6638GT	WASHER, FLAT, USS, 1/4"Y	
11		Ref. Platform Level Cylinder (refer to 517.1)	
12	T107883GT	PIN,1.25DIAX7.88LG,1HOLE	1
13	39478GT	SCREW,HHC,3/8-16 X 2 FULL THRD	
14	825019GT	ROD END, .375X3.69, ZAG	

601.1 Platform Mount

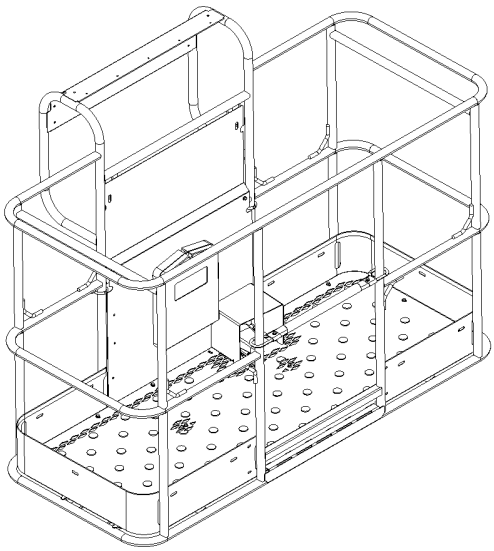


601.1 Platform Mount

Item	Part No.	Description	Qty.
1	824082GT	SCREW, HHF, 1/4-20 X 1.75, 8, ZAG	
2	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	
3	1261078GT	ASSY,.5 GPM PRESSURE COMP VALV	1
4	1260641GT	WELDMENT,MANIFOLD MOUNT	1
5	824084GT	SCREW,HHF,1/4-20X3,8,ZAG	
6	6888GT	SCREW, HHC, 1/4-20 X 1	
7	6638GT	WASHER, FLAT, USS, 1/4"Y	
8	6091GT	NUT,NYLOCK,1/4-20	
9	106857GT	CLAMP,CABLE STRAIN RELIEF	1
10	77993GT	BRACKET, CABLE STRAIN RELEIF	1
11	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
12	5397GT	WASHER, FLAT, USS, 5/16-18	
13	6037GT	NUT,HEX,5/16-18,GR5	
14	4266GT	SCREW,HHC,1/4-20 X 2	
15	110531GT	KIT, CABLE GUIDE	1
15-	55067GT	GROMMET,RUBBER 3 X .19 X 3.5	
16	73928GT	SCREW,HHC,1-8 X 11,GRD 5***	1
17	122079GT	WASHER,FLAT,1.000,HARDENED	2
18	49857GT	SCREW,HHC,3/8-16 X .88,GRD 8	8
19	57201GT	WASHER,FLAT,313, HARDENED	8
20	60370-SGT	PLATFORM SUPPORT WELDMNT-SERV*	1
20-		Ref. WELDMENT,PLATFORM SUPPORT,CE CE models (refer to 804.1)	
21	29764GT	NUT,NYLOCK,1-8	
22		Ref. Platform Manifold (Refer to 708.1)	



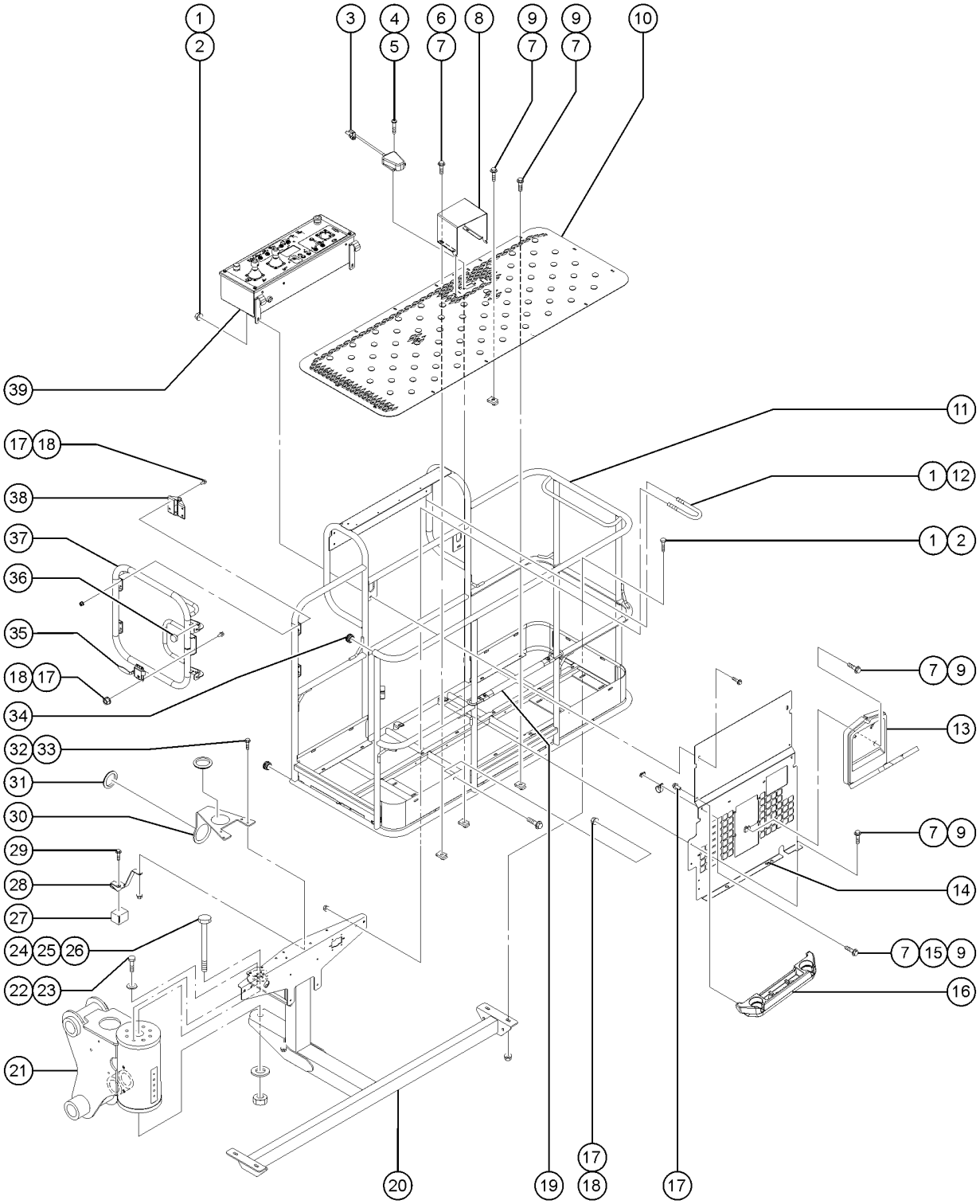
(1) Side Swing Gate Platform



(2) Front Single Entry Platform

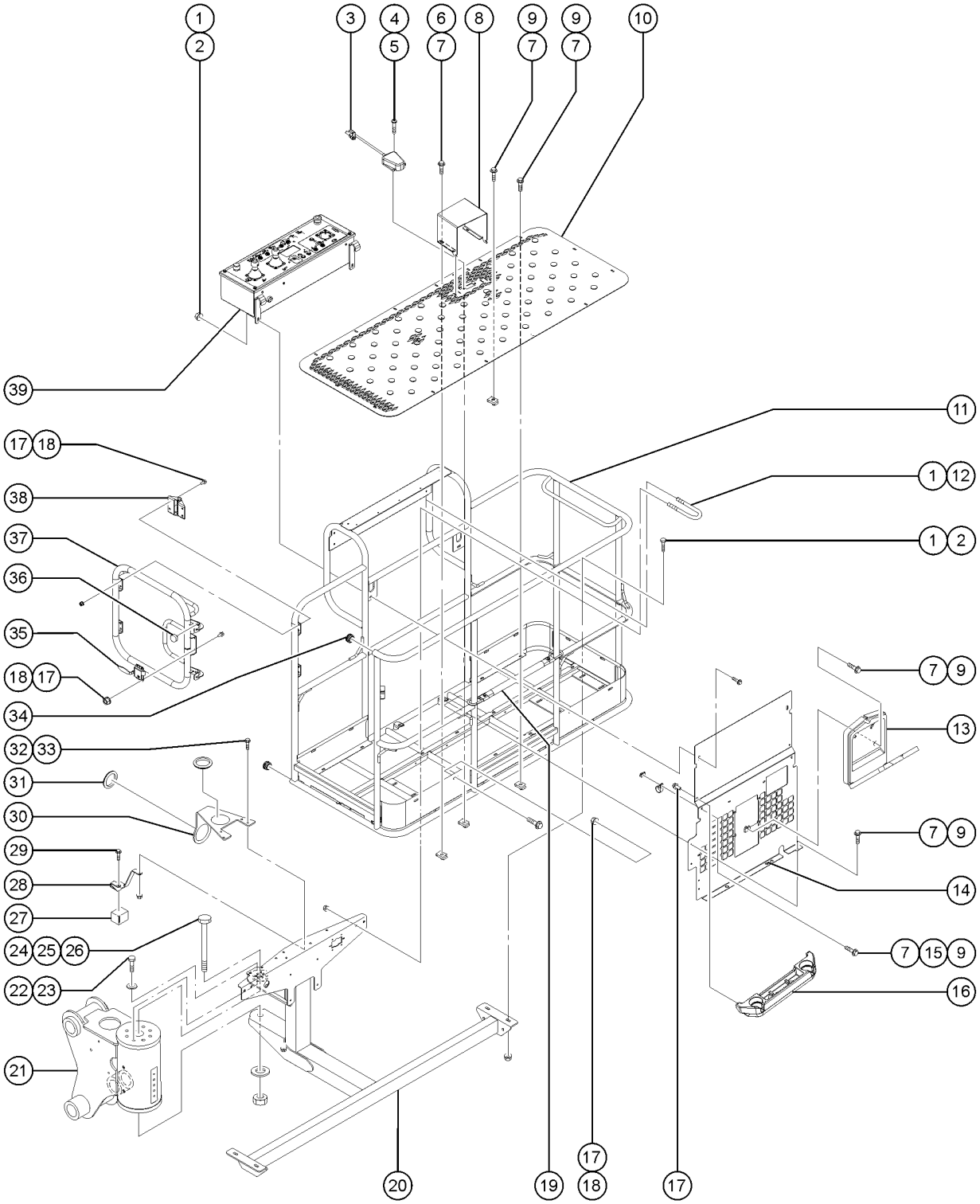
Item	Part No.	Description	Qty.
-		Complete Platform Assemblies with Decals	
A	1296933GT	PLAT ASSY,8' W/SIDE GATE,Z-135 ANSI WRD from SN 779 to 2000	
B	1296934GT	PLAT ASSY,8' W/SIDE GATE,Z-135 AUS from SN 779 to 2000	
C	1296935GT	PLAT ASSY,8' W/SIDE GATE,Z-135 ANSI SYM from SN 779 to 2000	
D	1296936GT	PLAT ASSY,8' W/SIDE GATE,Z-135 CE from SN 779 to 2000	
-		Complete Platform Assemblies and Platform Weldments without Decals (refer to section 100 for decals)	
1A	1272304GT	ASSY,8FT PLAT TRI LG,BLANK front and side entry	
-	1274859GT	ASSY,8' PLAT WELDMENT W/SIDE GATE flooring and decal plate not included	
1B	1272303GT	ASSY,6FT PLAT DUAL LG,BLANK front and side entry	
2	160809GT	ASSY,6FT PLATFORM,NO DECALS Single entry	
-	73900GT	WELDMNT,6 FT PLATFORM flooring and decal plate not included	

602.2 Platform Components



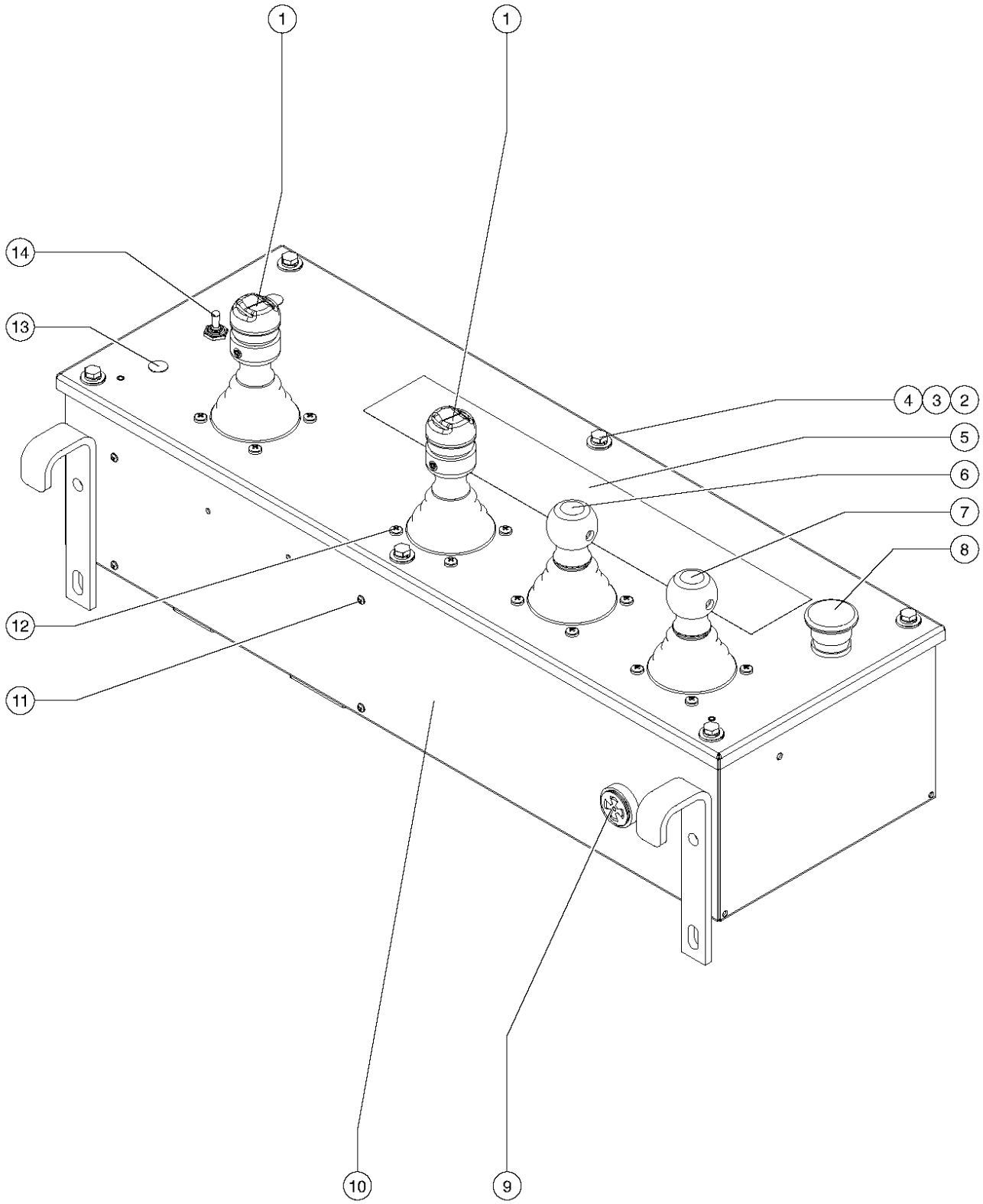
Item	Part No.	Description	Qty.
1	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	10
2	824091GT	SCREW, HHF, 3/8-16 X 1.25, 8, ZAG	6
3	227617GT	ASSEMBLY,FOOT SWITCH	1
3-	119058GT	CONN, PLUG, 4 WAY, DEUTSCH, DT, ENDCAP	
3-	1257248GT	SCREW, SHC, M4-0.7X8, DIN912,	
3-	1257249GT	WASHER, LOCK, M4, SS	
3-	227564GT	FOOT SWITCH,20A IP65	
3-	33576GT	CONN,SQZ,1/2NPT,.170-.450	
4	1256460GT	SCREW,PHPM,10-24X1,ZAG	2
5	73575GT	SPRING CLIP,10-24,.025-.125X.468,ZAG	2
6	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	2
7	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	23
8	147121GT	COVER, FOOT SWITCH, LARGE (decals not included, refer to section 100)	1
9	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	23
10	1267746GT	FLOORING, 72X30 PLATFORM 6ft Platform (with side swing gate)	1
10B	73477GT	FLOORING, 6 FT PLATFORM 6 ft Platform (with single entry)	1
10C	73478PGT	FLOORING, 8 FT PLATFORM*** all 8 ft Platform	1
11		Ref. Platform Weldment (refer to 601.1)	
12	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG (single entry)	2
13	44743GT	MANUAL BOX W/DECALS*** USA/Canada/Australia	1
13B	24514GT	BOX, INSTRUCTION STORAGE** Europe/Asia/South America (decal required; refer to Section100)	
14	1275088GT	FORMING, ALUM. DECAL PLATE	1
14B	89337GT	PLATFORM ASSY 8FT W/DECALS ANS (Painted, Steel)	1
15	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	2
16	1289552GT	KIT, PLATFORM WORK TRAY	1
17	1256855GT	SCREW,HHF,1/4-20X.625,8,ZAG	14
18	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	14
19	102992GT	SLIDING MIDRAIL KIT,PTD	1

602.2 Platform Components



Item	Part No.	Description	Qty.
19-	102992GT	SLIDING MIDRAIL KIT,PTD	
20	60370-SGT	PLATFORM SUPPORT WELDMNT-SERV*	1
20B		Ref. PLAT LOAD SENSE S60** (refer to 810.1)	1
21		Ref. ROTATOR,PLAT JIB (refer to 507.1)	
22	826791GT	SCREW,HHC,3/8-16X.875,8,ZAG	8
23	826793GT	WASHER,FLAT,3/8,SAE,HRD,ZAG	8
24	826792GT	SCREW,HHC,1-8X11,5,ZAG	
25	824116GT	WASHER,FLAT,1.0,F436,HRD,ZAG to SN Z62H-3664	
26	826794GT	NUT,TL,1-8,C,ZAGRING to SN Z62H-3664	
26B	824031GT	NUT,TL FLG,1-8,G,ZAG from SN Z62H-3665	
27		Ref. PLATE,JIB,ROTATE MANIFOLD (refer to 705.1)	
28	110671GT	PLATE,JIB,ROTATE MANIFOLD	1
29	824077GT	SCREW, HHF, 1/4-20 X .5, 8, ZAG	2
30	106163GT	FORMING,CABLE GUIDE order 55067 grommet separately	1
31	55067GT	GROMMET,RUBBER 3 X .19 X 3.5	2
32	824028GT	NUT,TL FLG,5/16-18,G,ZAG	4
33	824086GT	SCREW, HHF, 5/16-18 X 1, 8, ZAG	4
34	55753GT	BUMPER, PLASTIC, 1.25 O.D.	2
35	1267747GT	LATCH, SWING GATE	1
36	43392GT	BUMPER,BATTERY BOX & RAILS	2
37	1272307GT	ASSY,SIDE SWING GATE	1
38	104804GT	HINGE, SPRING, LONG LEG	2
39		Ref. PLATFORM CONTROL BOX (refer to 603.1)	

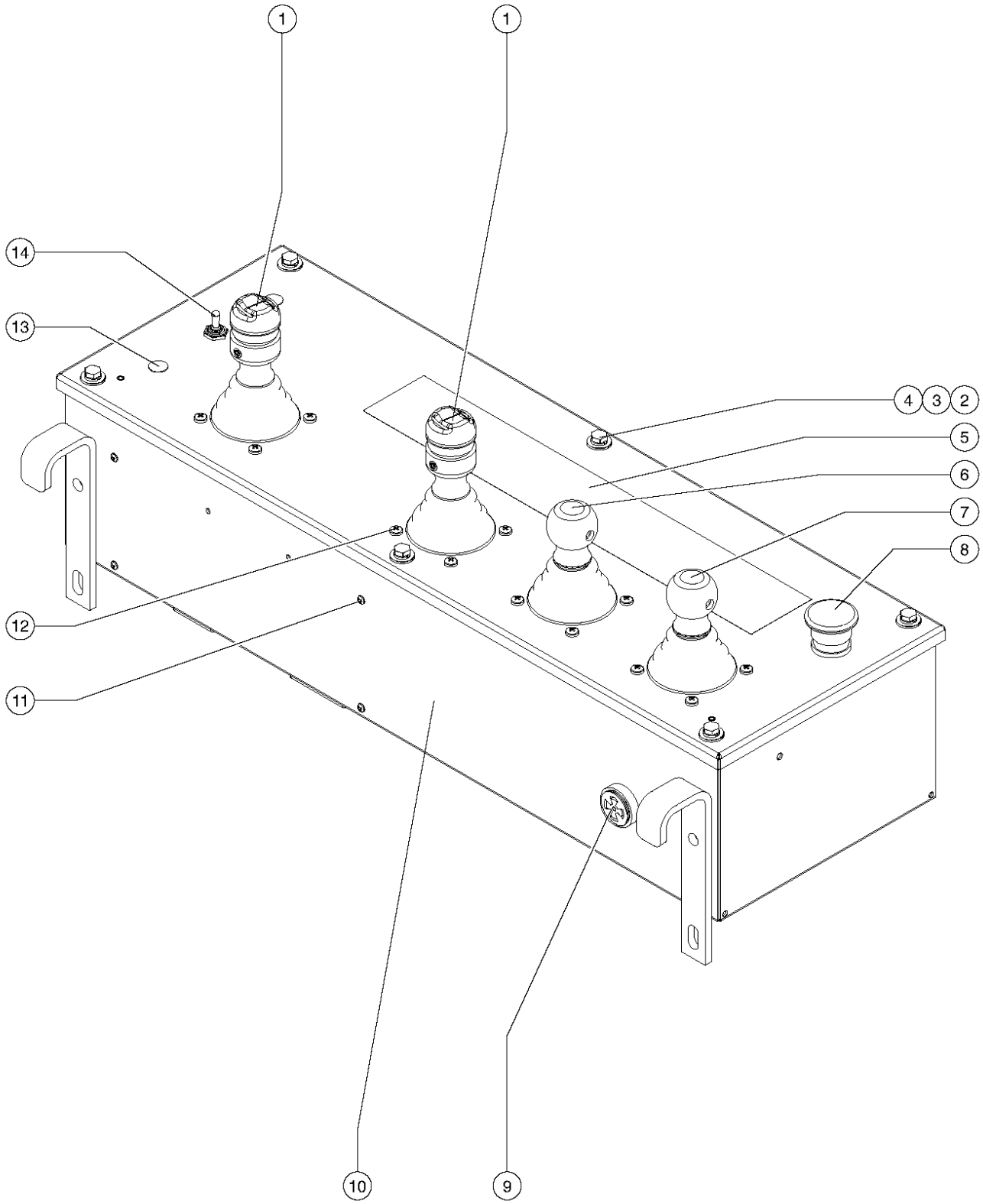
603.1 Platform Control Box, View 1



603.1 Platform Control Box, View 1

Item	Part No.	Description	Qty.
A-	119613GT	HARN JOYSTICK ADAPTOR JS100 6-pin to 7-pin adapter (for 101174, 101175, 101005)	
1	101173GT	JOYSTICK,2 AXIS,ROCKER,DEUTSCH OEM joystick (calibration required after replacement)	2
1A	101173HGT	JOYSTICK, DUAL AXIS W/STEER aftermarket joystick (calibration required after replacement)	
2	8914GT	SCREW, HHC, 1/4-20 X .625	
3	6356GT	WASHER, LOCK, .25	
4	6638GT	WASHER, FLAT, USS, 1/4"Y	
5	107798GT	LID,PLAT CONTROL BOX W/DECAL	1
5A-	106509GT	DECAL,MEMBRANE,PLATFORM CONTRO	
5B-	82841GT	DECAL,PLATFORM CONTROL PANEL required when replacing membrane 106509	
5C-		Refer to 605.1 Optional kit for Toggle Switch Lid replacement	
6	101175GT	JOYSTICK,1 AXIS,DEUTSCH OEM joystick (calibration required after replacement)	1
6A	101175HGT	JOYSTICK,SINGLE AXIS W/KNOB aftermarket joystick (calibration required after replacement)	
7	101174GT	JOYSTICK,2 AXIS,DEUTSCH OEM joystick, dual axis (calibration required after replacement)	1
7	101174HGT	JOYSTICK,DUAL AXIS W/KNOB aftermarket joystick, dual axis (calibration required after replacement)	
7B	101005GT	JOYSTICK,1 AXIS ROCKER,DEUTSCH OEM joystick, single axis with rocker switch (calibration required after replacement)	
7B	101005HGT	JOYSTICK, SINGLE AXIS W/STEER aftermarket joystick, single axis with rocker switch (calibration required after replacement)	
8	122519GT	KIT,ESTOP SVC LARGE BOOM	
8A-	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
8B-	66817GT	E-STOP W/ NC CONTACT	
8C-	66818GT	CONTACT,NC	
8D-	146478GT	BOOT(BELLOWS),E-STOP,BLACK	
9	62379GT	ALARM,AUDIO,SUPERBOOM*	1
9-	72326GT	NUT - PLASTIC, RING FOR ALARMS	
10	106513GT	CONTROL BOX ASSY,PCON	
11	81551GT	SCREW,PHIL,PHM,6-32 X 1/4 SS	
12	62385GT	SCREW,PHM,M5X.8X10MM SELF TAP to SN 841	
12-	139338GT	SCREW PH M5-0.8X20 DIN 7500CE from SN 842	
13	45384GT	PLUG,NYLON .50 BLACK DOMED	2

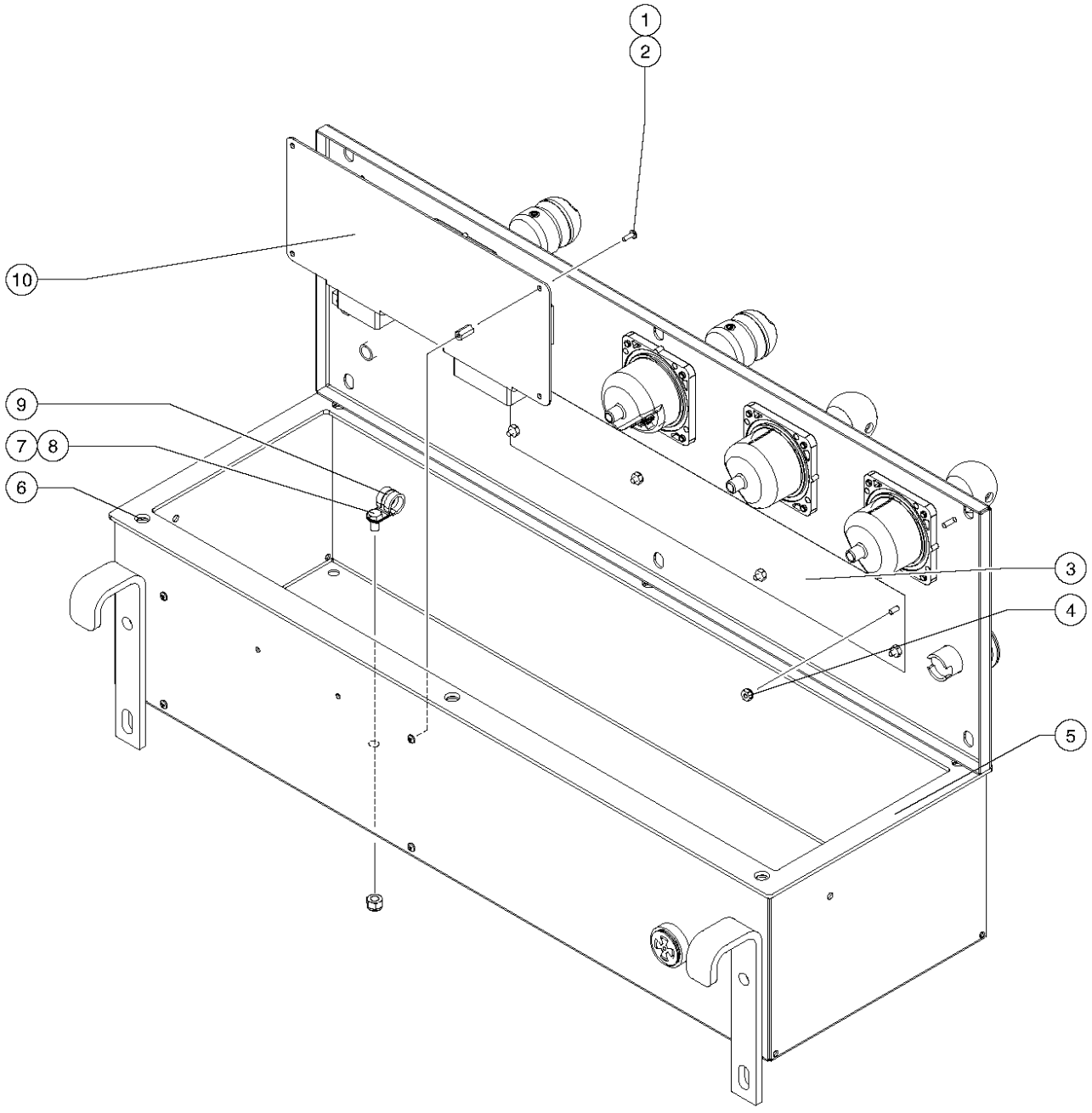
603.1 Platform Control Box, View 1



603.1 Platform Control Box, View 1

Item	Part No.	Description	Qty.
14	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM (Platform Level; includes boot and hardware)	1
14A-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
14B-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
14C-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	

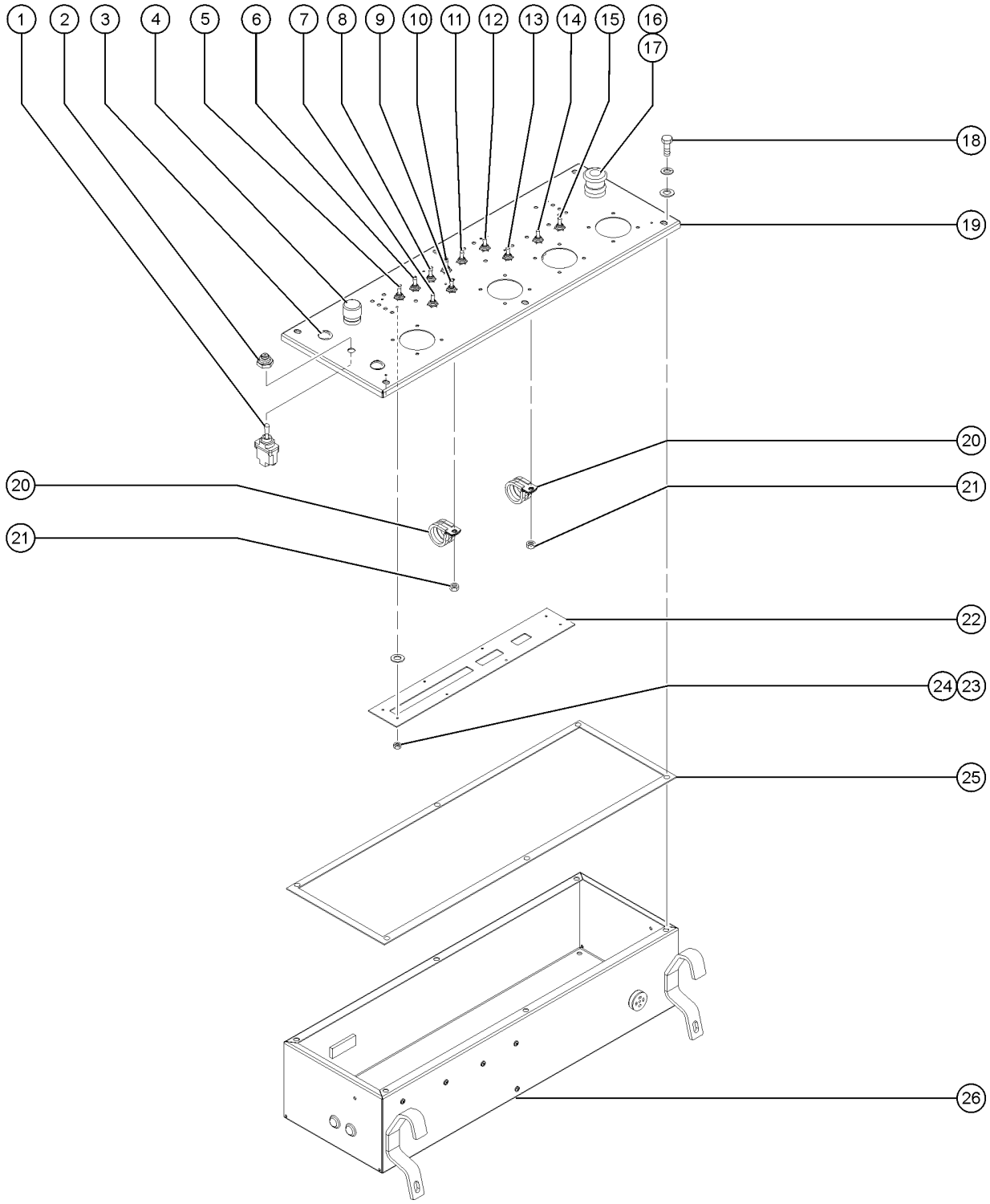
604.1 Platform Control Box, View 2



604.1 Platform Control Box, View 2

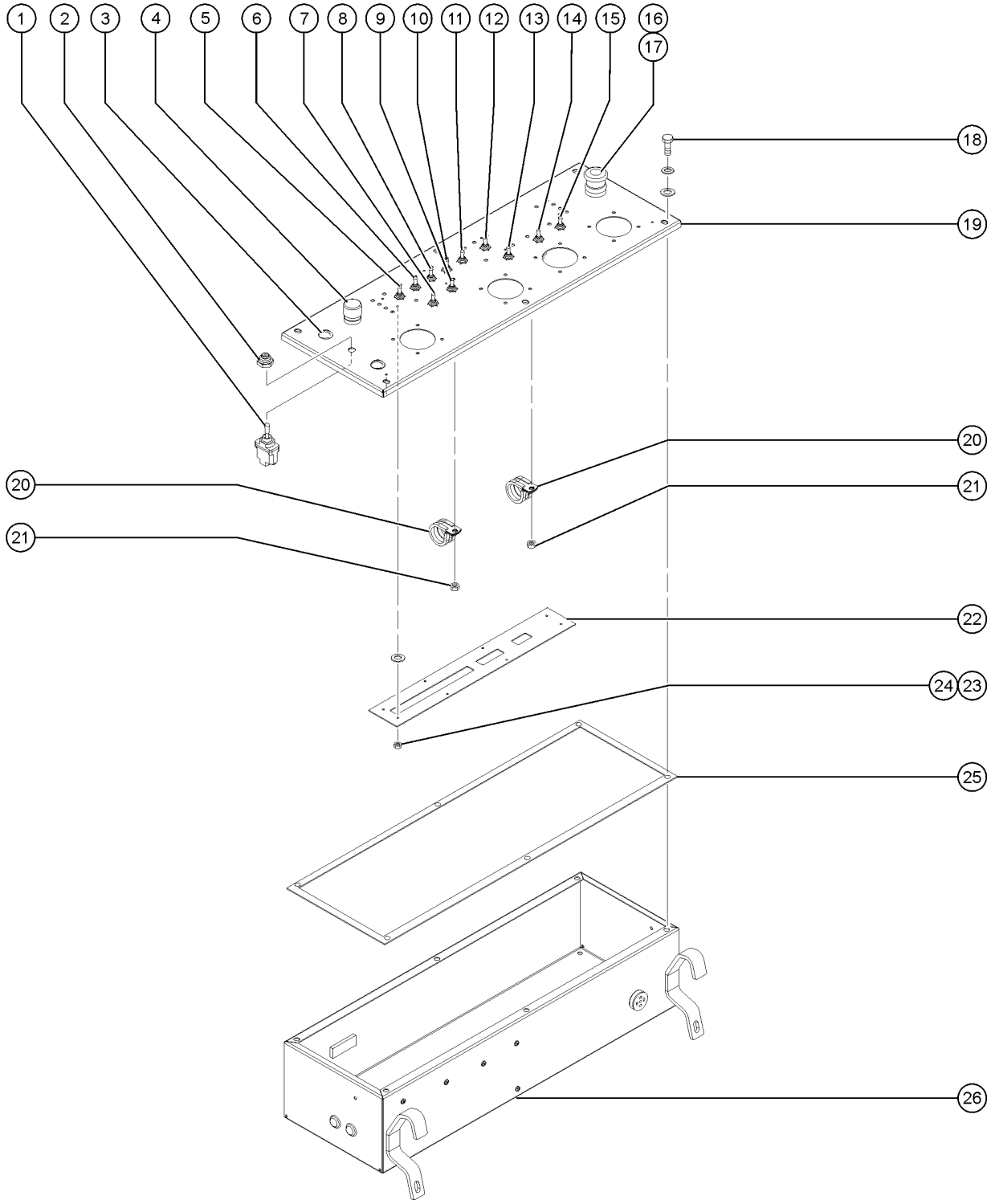
Item	Part No.	Description	Qty.
A-	94966GT	HARNESS,PCON	
1	81551GT	SCREW,PHIL,PHM,6-32 X 1/4 SS	
2	110229GT	STANDOFF,6-32X1/2LX1/4 HEX NYL	
3	62399GT	PCB,MEMBRANE/LED,SB/Z80	1
4	62389GT	NUT,HEX,6/32 W/STAR WASHER	
5	81488GT	GASKET,PLATFORM CONTROL BOX	1
6	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD	
7	11808GT	SCREW,HHC,1/4-20 X .375	
8	6091GT	NUT,NYLOCK,1/4-20	
9	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	2
10	217571GT	ASSY,SRV,PCB ASSY,ECM,PLT,V201 Machine model, serial number and software revision required when ordering. Please contact Genie Service Parts for assistance; to SN 1711	1
10-	237072GT	PCB,ASSY,ECM,PLATFORM,V307 Machine model, serial number and software revision required when ordering. Please contact Genie Service Parts for assistance; from SN 1712	

605.1 Toggle Switch Lid Option



Item	Part No.	Description	Qty.
-	237224GT	KIT,TOGL SW PL BOX LID to SN 778	
-	237225GT	KIT,TOGL SW PL BOX LID,ANSI from SN 779 to 2000	
-	237226GT	KIT,TOGL SW PL BOX LID,CE from SN 779 to 2000	
-	237227GT	KIT,TOGL SW PL BOX LID,AUS from SN 1512 to 2000	
1	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Platform Rotate Toggle Switch	
2	27246GT	BOOT,TOGGLE SWITCH,SHORT* Part of toggle switch 128200	1
3	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	2
4	66813GT	BUTTON,PUSH,BLACK W/SEAL***	1
5	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Optional equipment	
6	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Generator ON/OFF Toggle Switch	
7	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Drive Enable Toggle Switch	
8	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Emergency Power Switch	
9	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Axle Extend/Retract Toggle Switch	
10	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Glow Plug Switch	
11	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Engine Start Toggle Switch	
12	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Hi/Low RPM Toggle Switch	
13	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Drive Speed Toggle Switch	
14	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Steer Mode Toggle Switch	
15	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Steer Mode Toggle Switch	
16	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
17	146478GT	BOOT(BELLOWS),E-STOP,BLACK	1
18		Ref. SCREW,HHC,1/4-20 X .75 (Refer to 603.1)	
19	229386GT	LID, PCON, TOG SW, Z135 (No Toggle Switches)	1
20	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH	2
21	104030GT	NUT HEX M5-0.8 CLASS 8 ZINC	
22	232975GT	PCB, LED/TOGGLE SWITCH, ALC100	1
23	12344GT	NUT,NYLOCK,6-32	
24	822224GT	WASHER, NYLON #10, 0.093	

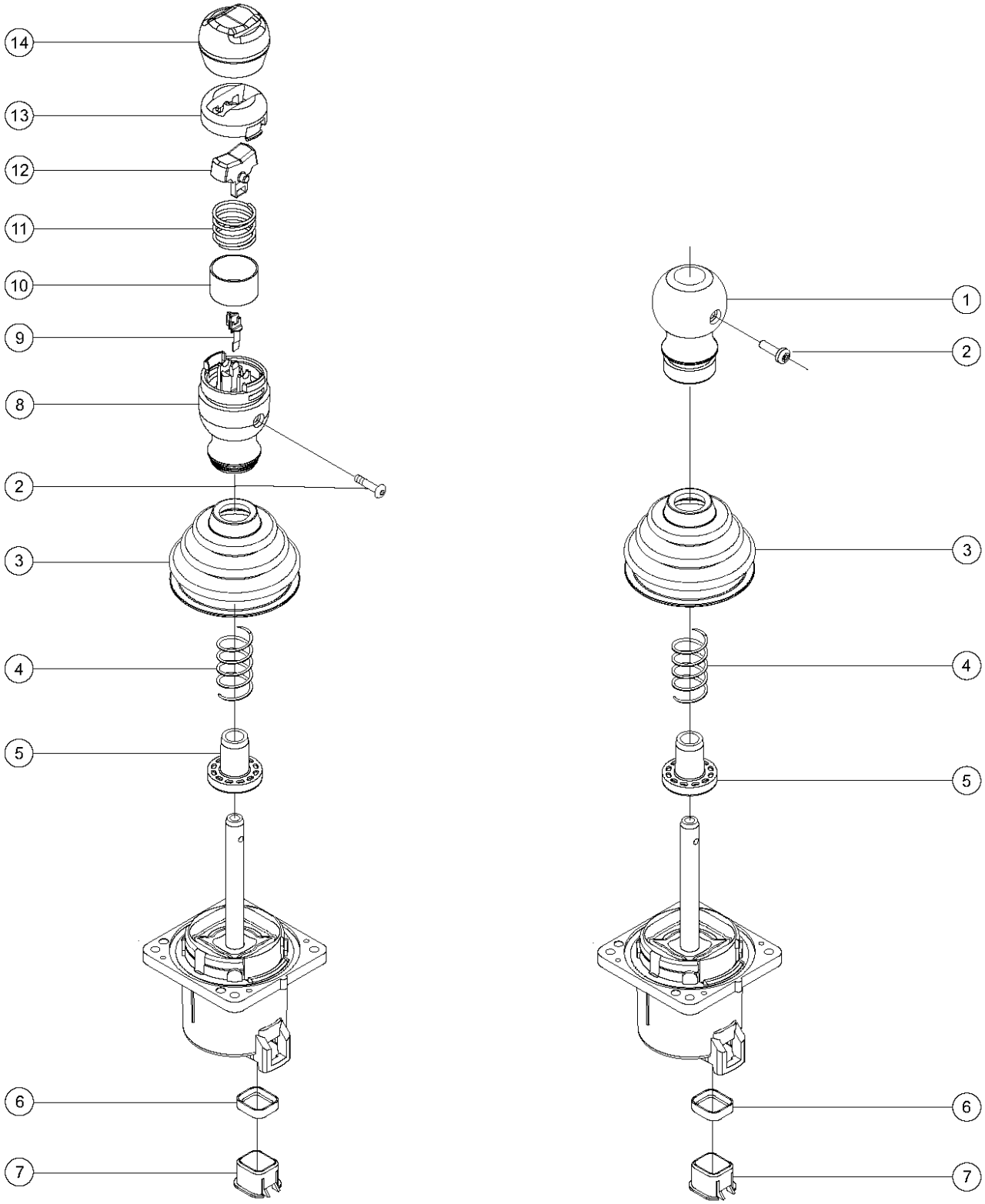
605.1 Toggle Switch Lid Option



605.1 Toggle Switch Lid Option

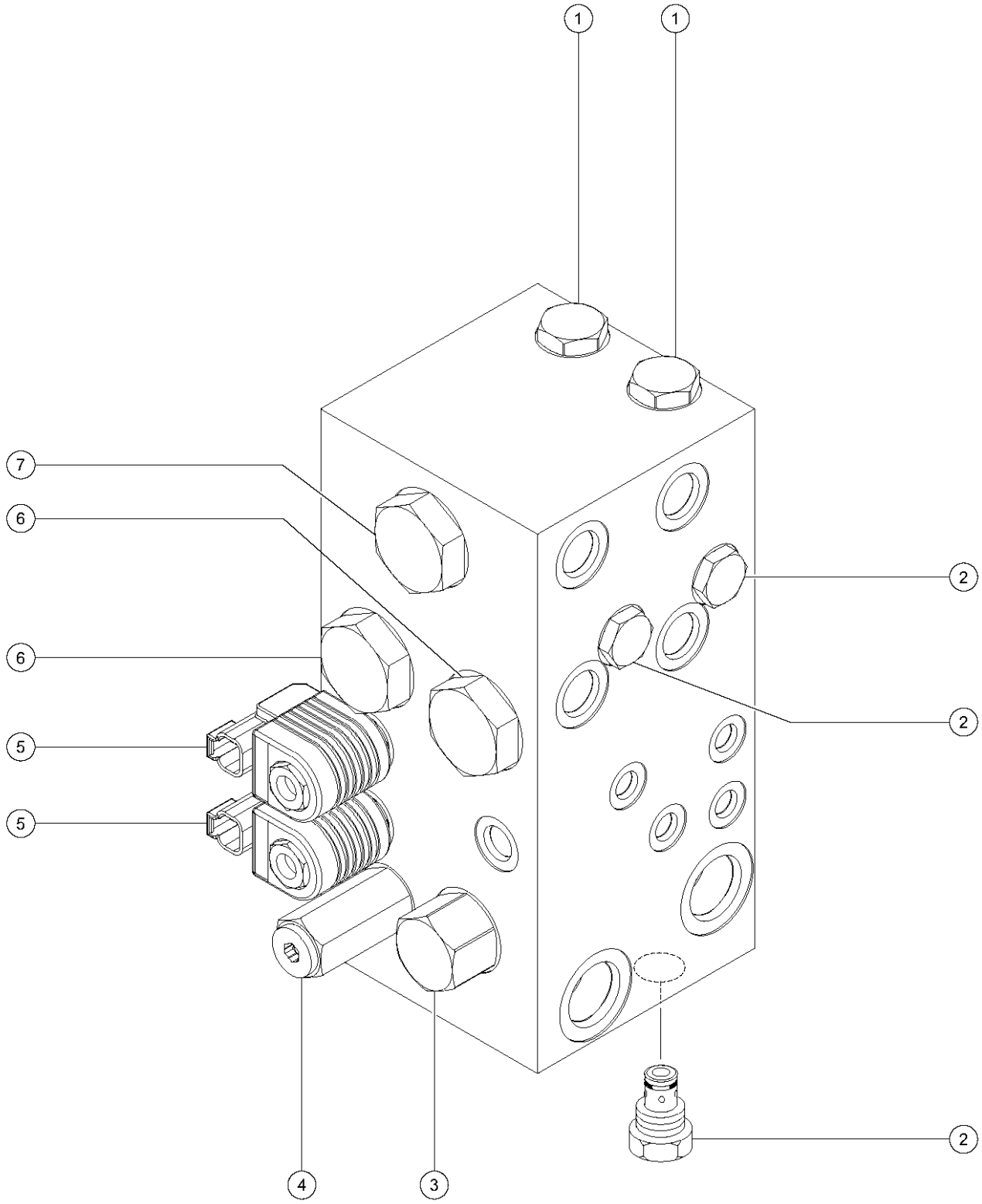
Item	*Part No.*	*Description*	*Qty.*
25	81488GT	GASKET,PLATFORM CONTROL BOX	1
26		Ref. WELDMENT, PLATFORM CONTROL BOX (Refer to 603.1 and 604.1)	

606.1 Joysticks



Item	Part No.	Description	Qty.
A-	101173GT	JOYSTICK,2 AXIS,ROCKER,DEUTSCH (calibration required after replacement), OEM joystick	
B-	101173HGT	JOYSTICK, DUAL AXIS W/STEER (calibration required after replacement), aftermarket joystick	
C-	101174GT	JOYSTICK,2 AXIS,DEUTSCH (calibration required after replacement), OEM joystick	
D-	101174HGT	JOYSTICK,DUAL AXIS W/KNOB (calibration required after replacement), aftermarket joystick	
E-	101175GT	JOYSTICK,1 AXIS,DEUTSCH (calibration required after replacement), OEM joystick	
F-	101175HGT	JOYSTICK,SINGLE AXIS W/KNOB (calibration required after replacement), aftermarket joystick	
G-	101005GT	JOYSTICK,1 AXIS ROCKER,DEUTSCH (calibration required after replacement), OEM joystick	
H-	101005HGT	JOYSTICK, SINGLE AXIS W/STEER (calibration required after replacement), aftermarket joystick	
I-	83098GT	TERM,AMP MTE,SOC,22-26 GA BULK	
J-	119613GT	HARN JOYSTICK ADAPTOR JS100 6-pin to 7-pin adapter (for 101174, 101175, 101005)	
Z	1269502GT	KIT, ISOLATION, 4 JOYSTICK	
1	62392GT	KNOB,JOYSTICK, 62390/62391	1
2	T112626GT	SCREW, PHM, #6-32 X .625 ZINC	1
3	139598GT	BOOT,JOYSTICK	1
4		SPRING,JOYSTK CENTR,62390/91 no longer available from supplier	1
5	119915GT	COLLAR,JOYSTICK,CENTER	1
6	128000GT	SEAL, CONNECTOR (DT JOYSTICKS)	1
7	128001GT	SLEEVE,CONNECTOR,DT JOYSTICKS	1
8	75449GT	KNOB,ROCKER JOYSTICK 75565	1
9	75448GT	SUPPORT,SENSOR,JOYSTICK	1
10	75447GT	SWITCH SHIELD,ROCK JOYSTK75565	1
11	75446GT	SPRING,SWITCH CENTERING,75565	1
12	75445GT	ROCKER ASSY.,MAGNETIC 75565	1
13	75444GT	ROCKER,RETAINER, 75565	1
14	75443GT	BOOT, ROCKER JOYSTICK 75565	1

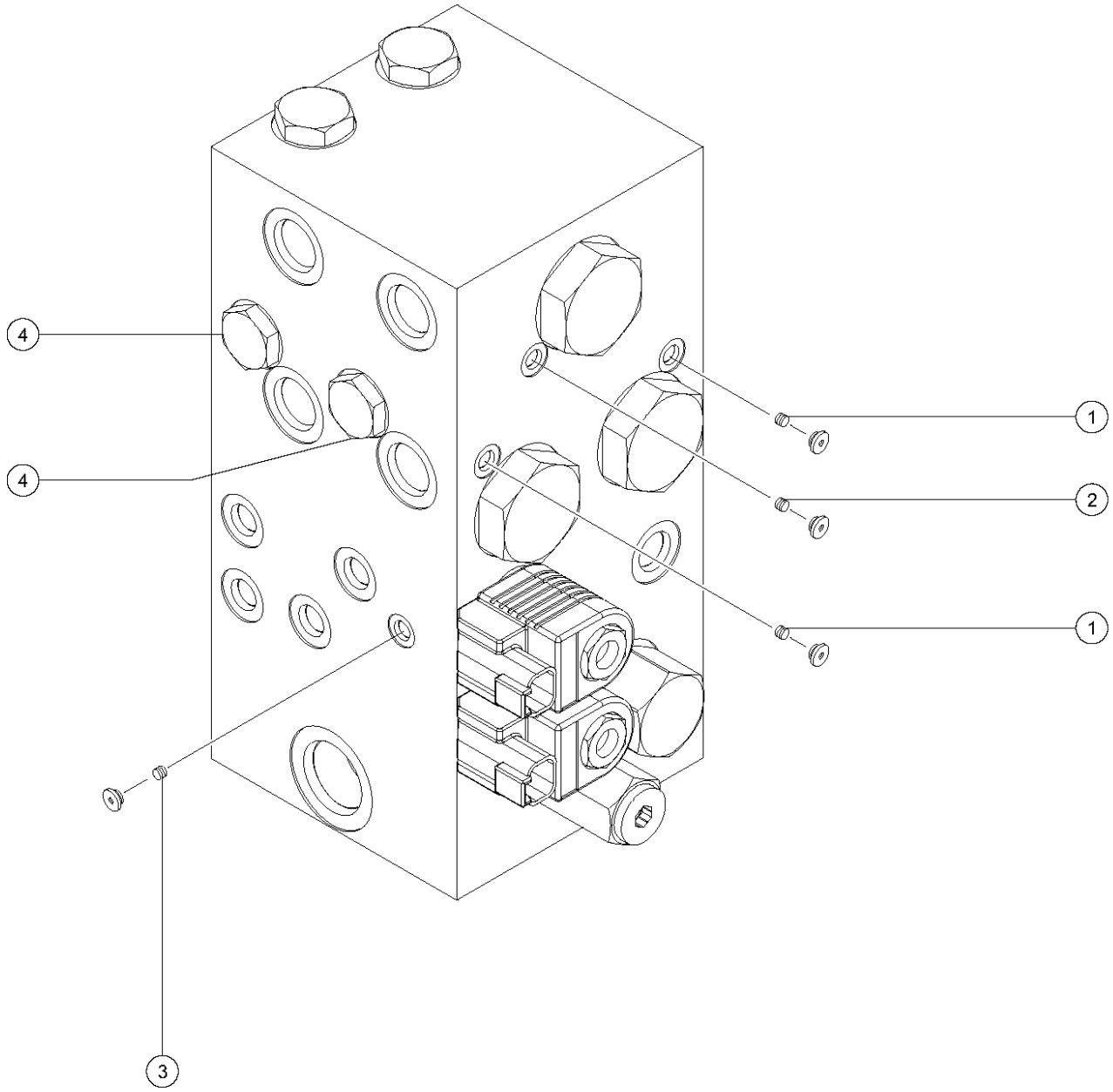
701.1 Traction Manifold, View 1



701.1 Traction Manifold, View 1

Item	Part No.	Description	Qty.
A-	94942GT	MANIFOLD,TRACTION 4WD Complete to SN 179	
B-	107724GT	MANIFOLD,TRACTION 4WD Complete from SN 180	
1	27836GT	VALVE,CHECK,5 PSI	2
1-	110194GT	SEAL KIT, VALVE, #10	
2	69873GT	VALVE, CHECK	3
2-	74902GT	SEAL KIT, VALVE	
3	27761GT	VALVE,SHUTTLE	1
3-	84134GT	SEAL KIT, VALVE	
4	31406GT	VALVE,RELIEF 250 PSI***	1
4-	110194GT	SEAL KIT, VALVE, #10	
5	77493GT	VALVE,SOLENOID 2 POS.3 WAY	2
5-	72043GT	SEAL KIT,SOLENOID VALVE	
6	107729GT	VALVE, FLOW DIVIDER/COMBINER	2
6-	84135GT	SEAL KIT, VALVE	
7	107730GT	VALVE, FLOW DIVDER/COMBINER to SN 179	1
7-	110478GT	VALVE, FLOW DIVDER/COMBINER from SN 180	1
7-	84135GT	SEAL KIT, VALVE	

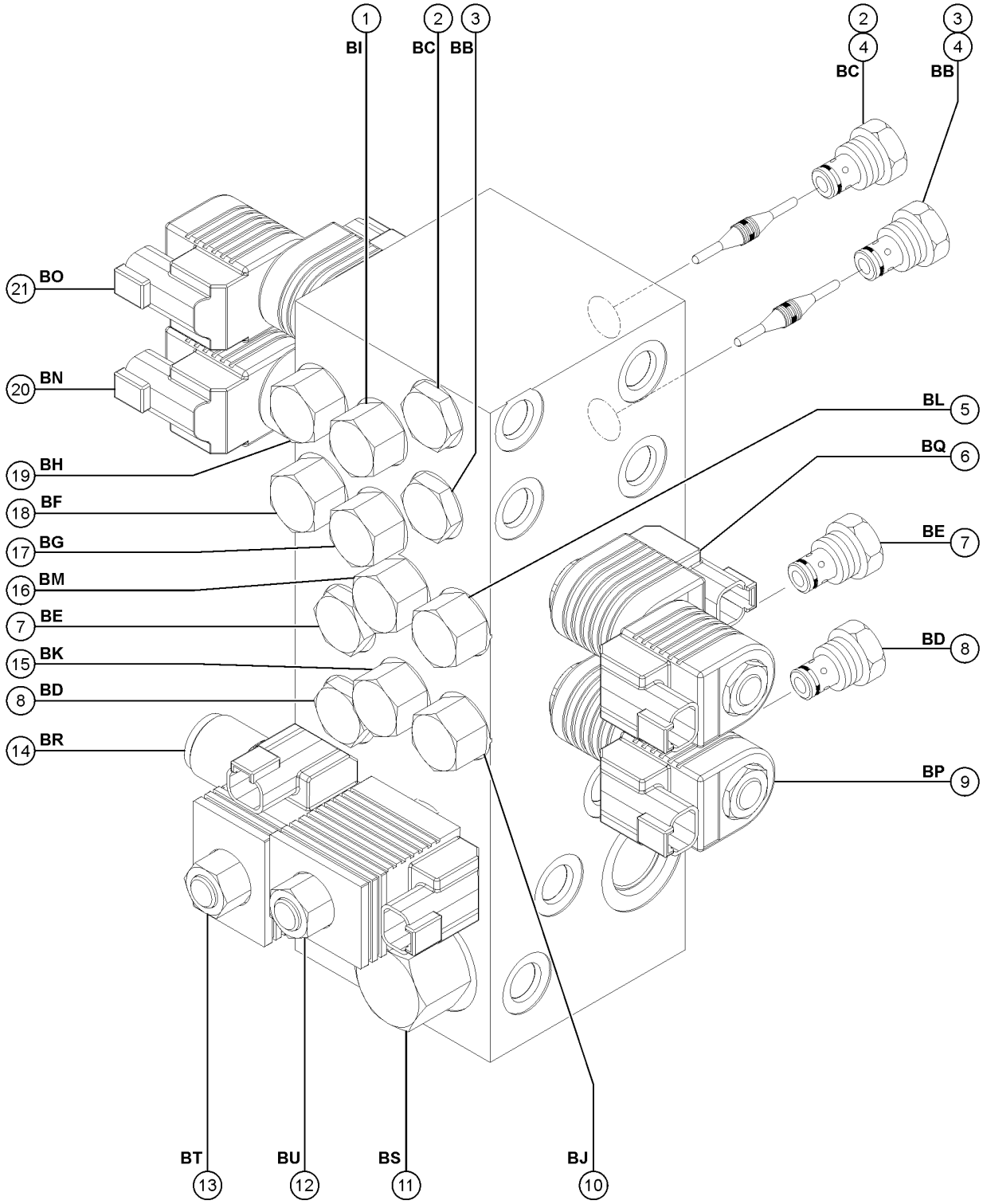
702.1 Traction Manifold, View 2



702.1 Traction Manifold, View 2

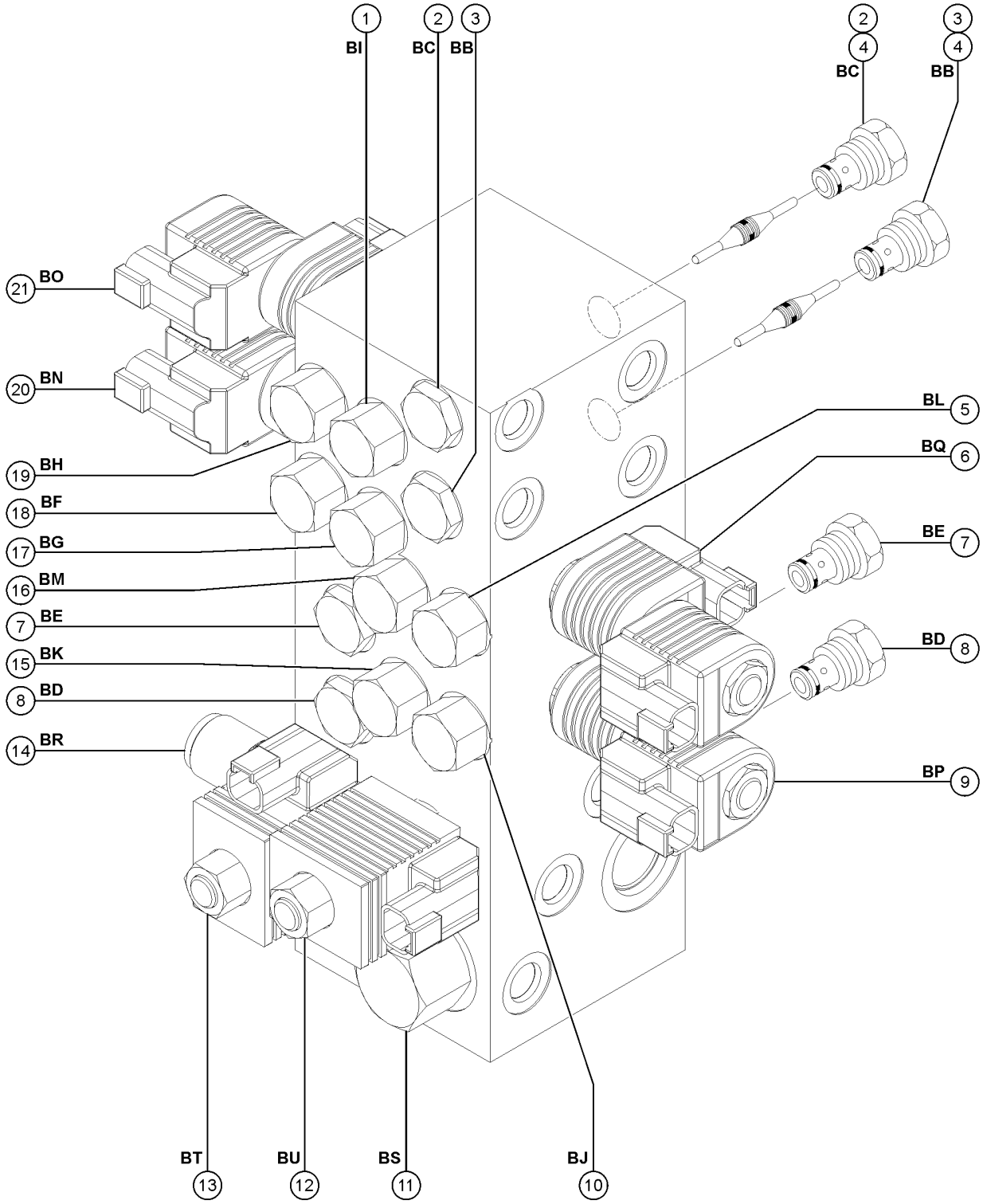
Item	*Part No.*	*Description*	*Qty.*
A-	94942GT	MANIFOLD,TRACTION 4WD ..... Complete to SN 179	
B-	107724GT	MANIFOLD,TRACTION 4WD ..... Complete from SN 180	
1	107732GT	ORIFICE PLUG, 0.063 INCH	2
2	107800GT	ORIFICE PLUG, 0.052 INCH	1
3	77162GT	PLUG-ORIFICE 0.031 INCH	1
4	69873GT	VALVE, CHECK	2
4-	74902GT	SEAL KIT, VALVE	

703.1 Steer/Axle Manifold



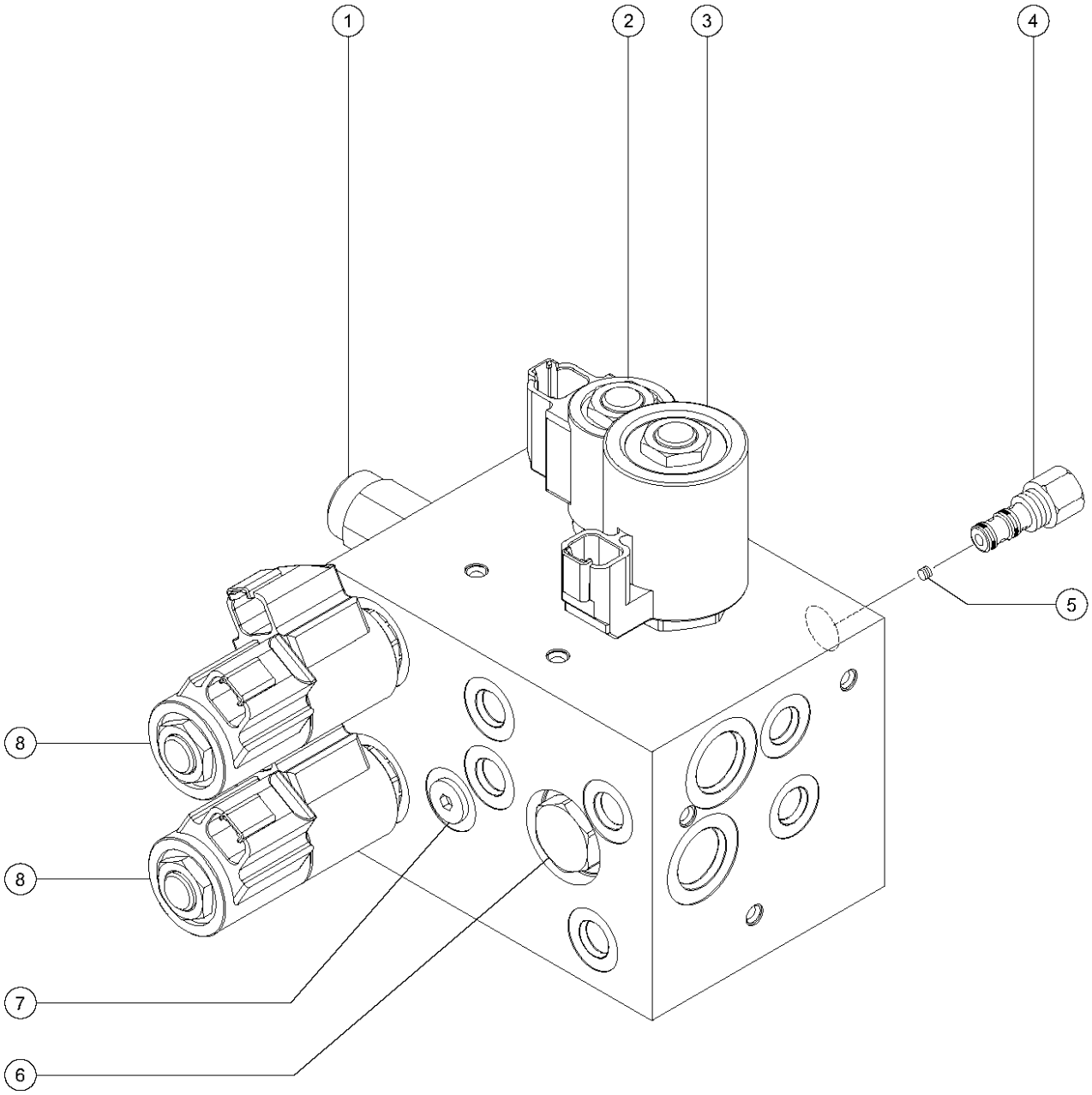
Item	Part No.	Description	Qty.
A-	94943GT	MANIFOLD,STEER/AXLE (complete)	
1	107731GT	VALVE, FLOW CONTROL 1.5GPM BI, Right front steer cylinder retract circuit	1
1-	74902GT	SEAL KIT, VALVE	
2	77490GT	VALVE,CHECK 65 PSI,(88115) BC, Prevents right front steer cylinder from moving when not steering	2
2-	74902GT	SEAL KIT, VALVE	
3	77490GT	VALVE,CHECK 65 PSI,(88115) BB, Prevents left front steer cylinder from moving when not steering	2
3-	74902GT	SEAL KIT, VALVE	
4	107733GT	PISTON, PILOT OPERATED CHECK	4
5	107734GT	VALVE, FLOW CONTROL 2.1GPM BL, Right rear steer cylinder extend circuit	1
5-	74902GT	SEAL KIT, VALVE	
6	77492GT	VALVE,SOLENOID 3 POS 4 WAY BQ, Steer left/right, right rear steer cylinder	1
6-	89850GT	COIL,12V (D08, 16 WATT)	
6-	52943GT	NUT, SOLENOID VALVE COIL	
6-	72047GT	SEAL KIT, SOLENOID VALVE	
7	77490GT	VALVE,CHECK 65 PSI,(88115) BE, Prevents right rear steer cylinder from moving when not steering	2
7-	74902GT	SEAL KIT, VALVE	
8	77490GT	VALVE,CHECK 65 PSI,(88115) BD, Prevents left rear steer cylinder from moving when not steering	2
8-	74902GT	SEAL KIT, VALVE	
9	77492GT	VALVE,SOLENOID 3 POS 4 WAY BP, Steer left/right, left rear steer cylinder	1
9-	89850GT	COIL,12V (D08, 16 WATT)	
9-	52943GT	NUT, SOLENOID VALVE COIL	
9-	72047GT	SEAL KIT, SOLENOID VALVE	
10	107734GT	VALVE, FLOW CONTROL 2.1GPM BJ, Left rear steer cylinder extend circuit	1
10-	74902GT	SEAL KIT, VALVE	
11	107735GT	VALVE,FLOW CONTROL,7.0 GPM*** BS, Axle extend/retract circuit	1
11-	110195GT	SEAL KIT, VALVE, #12	
12	89853GT	VALVE,SOLENOID 2POSITION 3WAY BU, Axle retract	1
12-	89849GT	COIL,12V (D10, 16 WATT)	

703.1 Steer/Axle Manifold



Item	Part No.	Description	Qty.
12-	45912GT	NUT,SOLENOID VALVE 2P3W	
12-	89310GT	SEAL KIT, SOLENOID VALVE	
13	89853GT	VALVE,SOLENOID 2POSITION 3WAY BT, Axle extend	1
13-	89849GT	COIL,12V (D10, 16 WATT)	
13-	45912GT	NUT,SOLENOID VALVE 2P3W	
13-	89310GT	SEAL KIT, SOLENOID VALVE	
14	107737GT	VALVE,PRESSURE REDUCING*** BR, Axle extend/retract circuit	1
14-	110203GT	SEAL KIT, VALVE, #10	
15	107731GT	VALVE, FLOW CONTROL 1.5GPM BK, Left rear steer cylinder retract circuit	1
15-	74902GT	SEAL KIT, VALVE	
16	107731GT	VALVE, FLOW CONTROL 1.5GPM BM, Right rear steer cylinder retract circuit	1
16-	74902GT	SEAL KIT, VALVE	
17	107731GT	VALVE, FLOW CONTROL 1.5GPM BG, Left front steer cylinder retract circuit	1
17-	74902GT	SEAL KIT, VALVE	
18	107734GT	VALVE, FLOW CONTROL 2.1GPM BF, Left front steer cylinder extend circuit	1
18-	74902GT	SEAL KIT, VALVE	
19	107734GT	VALVE, FLOW CONTROL 2.1GPM BH, Right front steer cylinder extend circuit	1
19-	74902GT	SEAL KIT, VALVE	
20	77492GT	VALVE,SOLENOID 3 POS 4 WAY BN, Steer left/right, left front steer cylinder	1
20-	89850GT	COIL,12V (D08, 16 WATT)	
20-	52943GT	NUT, SOLENOID VALVE COIL	
20-	72047GT	SEAL KIT, SOLENOID VALVE	
21	77492GT	VALVE,SOLENOID 3 POS 4 WAY BO, Steer left/right, right front steer cylinder	1
21-	89850GT	COIL,12V (D08, 16 WATT)	
21-	52943GT	NUT, SOLENOID VALVE COIL	
21-	72047GT	SEAL KIT, SOLENOID VALVE	

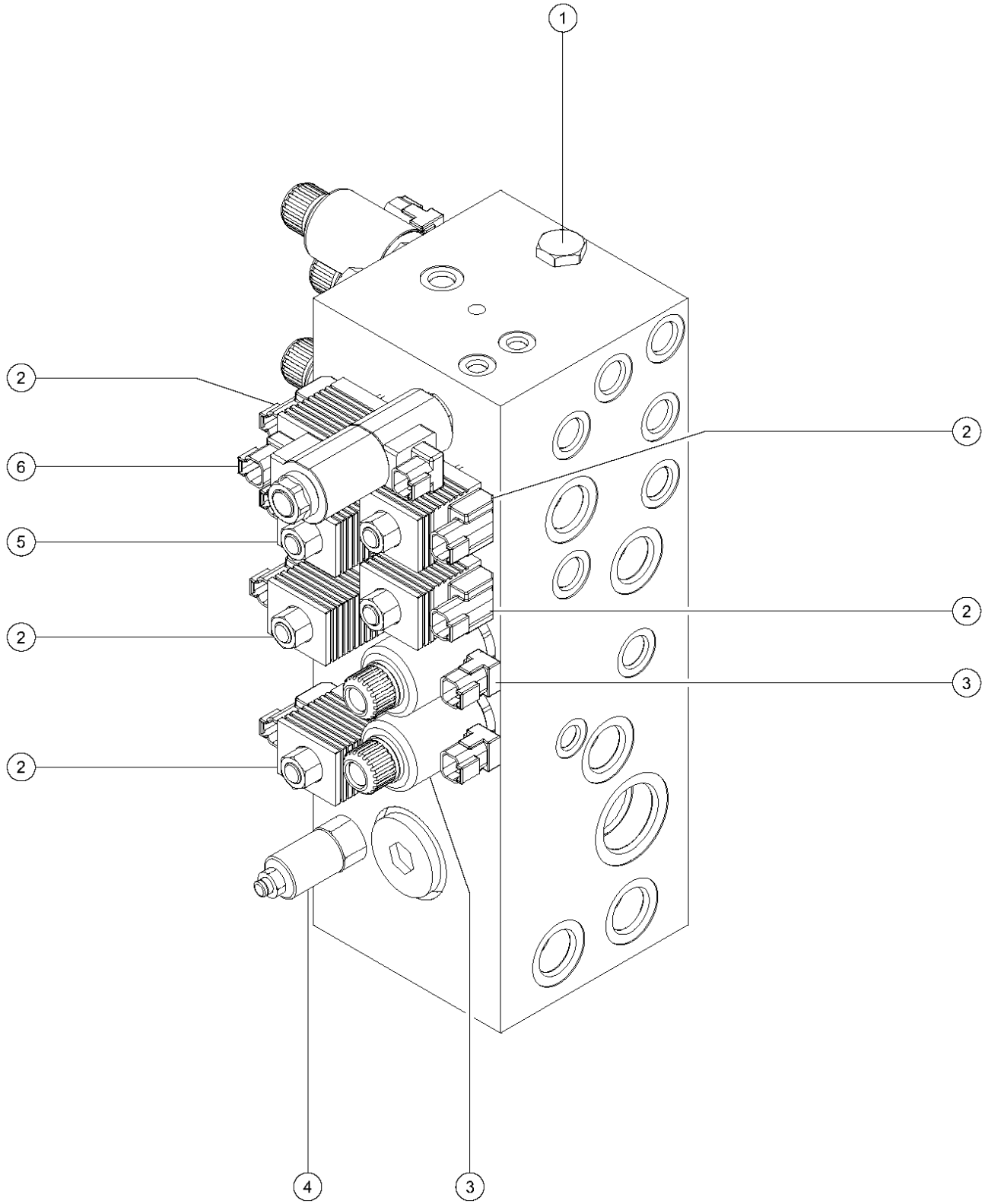
704.1 Jib Manifold



704.1 Jib Manifold

Item	Part No.	Description	Qty.
A-	94580GT	MANIFOLD,JIB	
1	107738GT	VALVE, DIFFERENTIAL SENSING	1
2	62815GT	VALVE,SOLENOID,2POS 3 WAY*** (does not include coil)	1
2-	104759GT	COIL,12VDC #8 DTSCH IP69 ECOIL (not a component of 62815)	
2-	44174GT	NUT-COIL SHORT	
2-	52371GT	SEAL KIT, VALVE	
3	107739GT	VALVE, DIRECTIONAL VALVE	1
3-	104760GT	COIL,12VDC #10DTSCH IP69 ECOIL	
3-	44174GT	NUT-COIL SHORT	
3-	44229GT	SEAL KIT, VALVE	
4	94618GT	VALVE,FLOW CONTROL,.4 GPM	1
5	46288GT	ORIFICE DISC,.040"	1
6	107740GT	VALVE, CHECK 25 PSI	1
6-	44227GT	SEAL KIT, VALVE	
7	44216GT	VALVE,SHUTTLE	1
7-	44235GT	SEAL KIT-FOR PN.44216 & 826779	
8	107788GT	VALVE,PROPORTIONAL 3 POS 4 WY	2
8-	107768GT	COIL,12VDC #8 DTSCH W/O DIODE	
8-	97372GT	SPACER, COIL	
8-	44174GT	NUT-COIL SHORT	
8-	44229GT	SEAL KIT, VALVE	

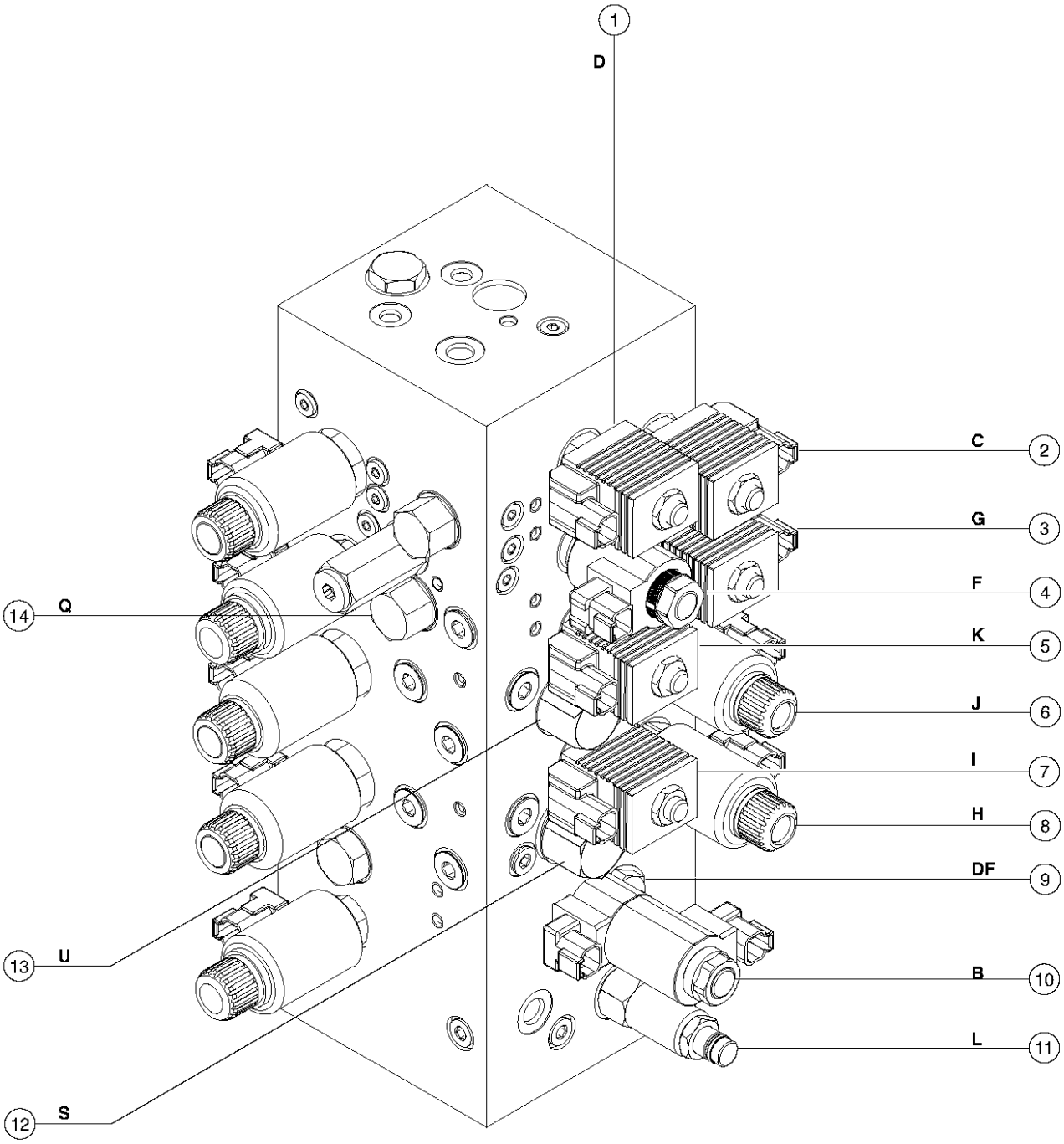
705.1 Function Manifold, View 1 (to SN 439)



705.1 Function Manifold, View 1 (to SN 439)

Item	*Part No.*	*Description*	*Qty.*
A-	101437GT	MANIFOLD,FUNCTION Complete	
1	27836GT	VALVE,CHECK,5 PSI	1
1-	110194GT	SEAL KIT, VALVE, #10	
2	89853GT	VALVE,SOLENOID 2POSITION 3WAY	5
2-	89849GT	COIL,12V (D10, 16 WATT)	
2-	45912GT	NUT,SOLENOID VALVE 2P3W	
2-	89310GT	SEAL KIT, SOLENOID VALVE	
3	107743GT	VALVE,SOLENOID 2 POS 3 WAY	2
3-	119113GT	COIL,12V DEUTSCH	
3-	45921GT	RETAINER-N.C.PROPOR.SOLENOID	
3-	110198GT	SEAL KIT, VALVE, #12	
4	110343GT	VALVE, RELIEF	
4-	110194GT	SEAL KIT, VALVE, #10	
5	107745GT	VALVE,SOLENOID 2 POS 3 WAY	1
5-	119112GT	COIL, 12V, DEUTSCH	
5-	119116GT	NUT,COIL (107745)	
5-	89310GT	SEAL KIT, SOLENOID VALVE	
6	107746GT	VALVE,SOLENOID 3 POS 4 WAY	1
6-	119112GT	COIL, 12V, DEUTSCH	
6-	119115GT	NUT, COIL (107746)	

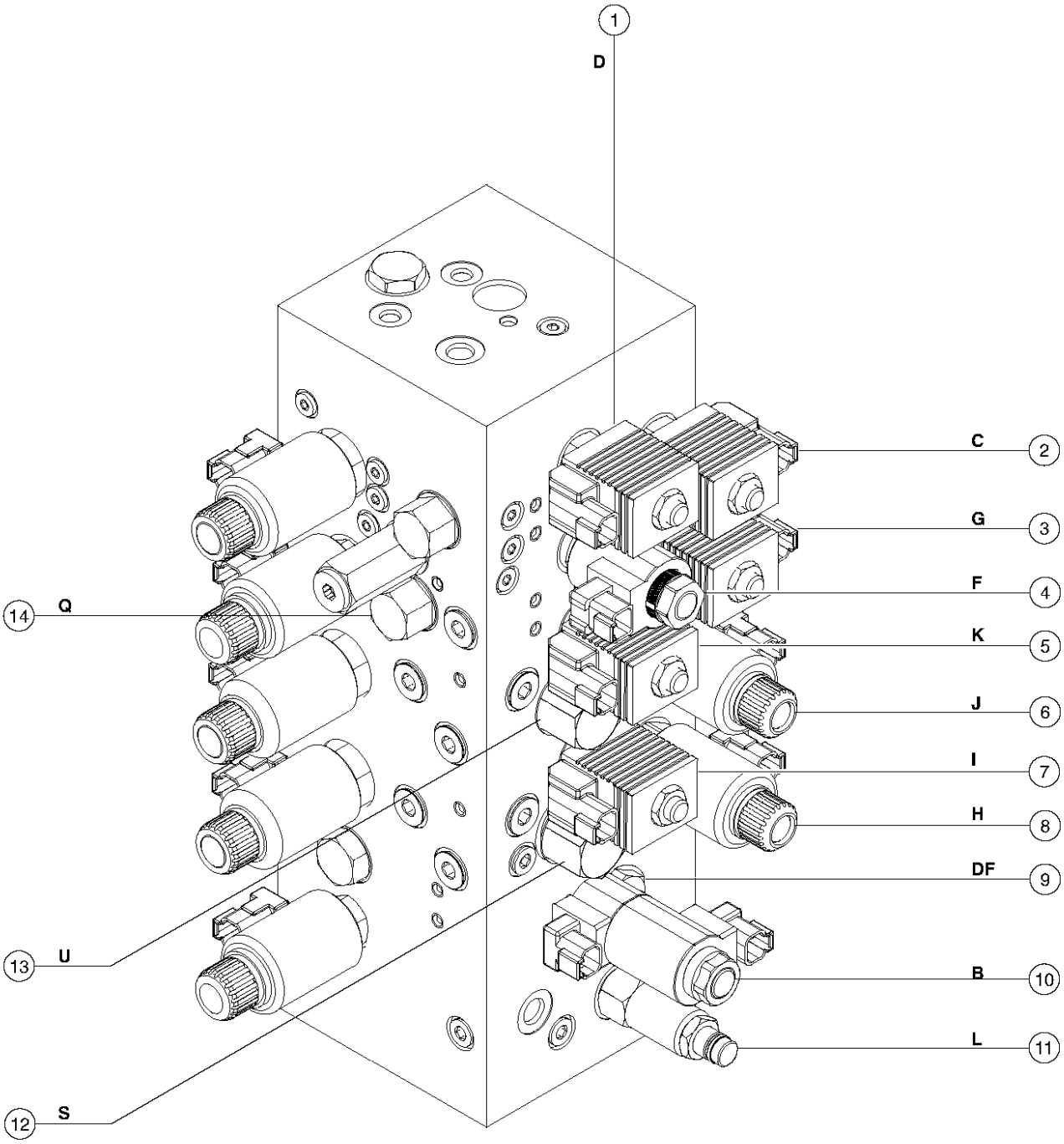
705.2 Function Manifold, View 1 (from SN 440)



705.2 Function Manifold, View 1 (from SN 440)

Item	Part No.	Description	Qty.
A-	119412GT	MANIFOLD,FUNCTION Complete	
1	89853GT	VALVE,SOLENOID 2POSITION 3WAY D, Primary boom down	
1-	89849GT	COIL,12V (D10, 16 WATT)	
1-	45912GT	NUT,SOLENOID VALVE 2P3W	
1-	89310GT	SEAL KIT, SOLENOID VALVE	
2	89853GT	VALVE,SOLENOID 2POSITION 3WAY C, Primary boom up	
2-	89849GT	COIL,12V (D10, 16 WATT)	
2-	45912GT	NUT,SOLENOID VALVE 2P3W	
2-	89310GT	SEAL KIT, SOLENOID VALVE	
3	89853GT	VALVE,SOLENOID 2POSITION 3WAY G, Primary boom retract	
3-	89849GT	COIL,12V (D10, 16 WATT)	
3-	45912GT	NUT,SOLENOID VALVE 2P3W	
3-	89310GT	SEAL KIT, SOLENOID VALVE	
4	107745GT	VALVE,SOLENOID 2 POS 3 WAY F, Primary boom extend	
4-	119112GT	COIL, 12V, DEUTSCH	
4-	119116GT	NUT,COIL (107745)	
4-	89310GT	SEAL KIT, SOLENOID VALVE	
5	89853GT	VALVE,SOLENOID 2POSITION 3WAY K, Secondary boom retract	
5-	89849GT	COIL,12V (D10, 16 WATT)	
5-	45912GT	NUT,SOLENOID VALVE 2P3W	
5-	89310GT	SEAL KIT, SOLENOID VALVE	
6	107743GT	VALVE,SOLENOID 2 POS 3 WAY J, Secondary boom extend	
6-	119113GT	COIL,12V DEUTSCH	
6-	45921GT	RETAINER-N.C.PROPOR.SOLENOID	
6-	110198GT	SEAL KIT, VALVE, #12	
7	89853GT	VALVE,SOLENOID 2POSITION 3WAY I , Secondary boom down	
7-	89849GT	COIL,12V (D10, 16 WATT)	
7-	45912GT	NUT,SOLENOID VALVE 2P3W	

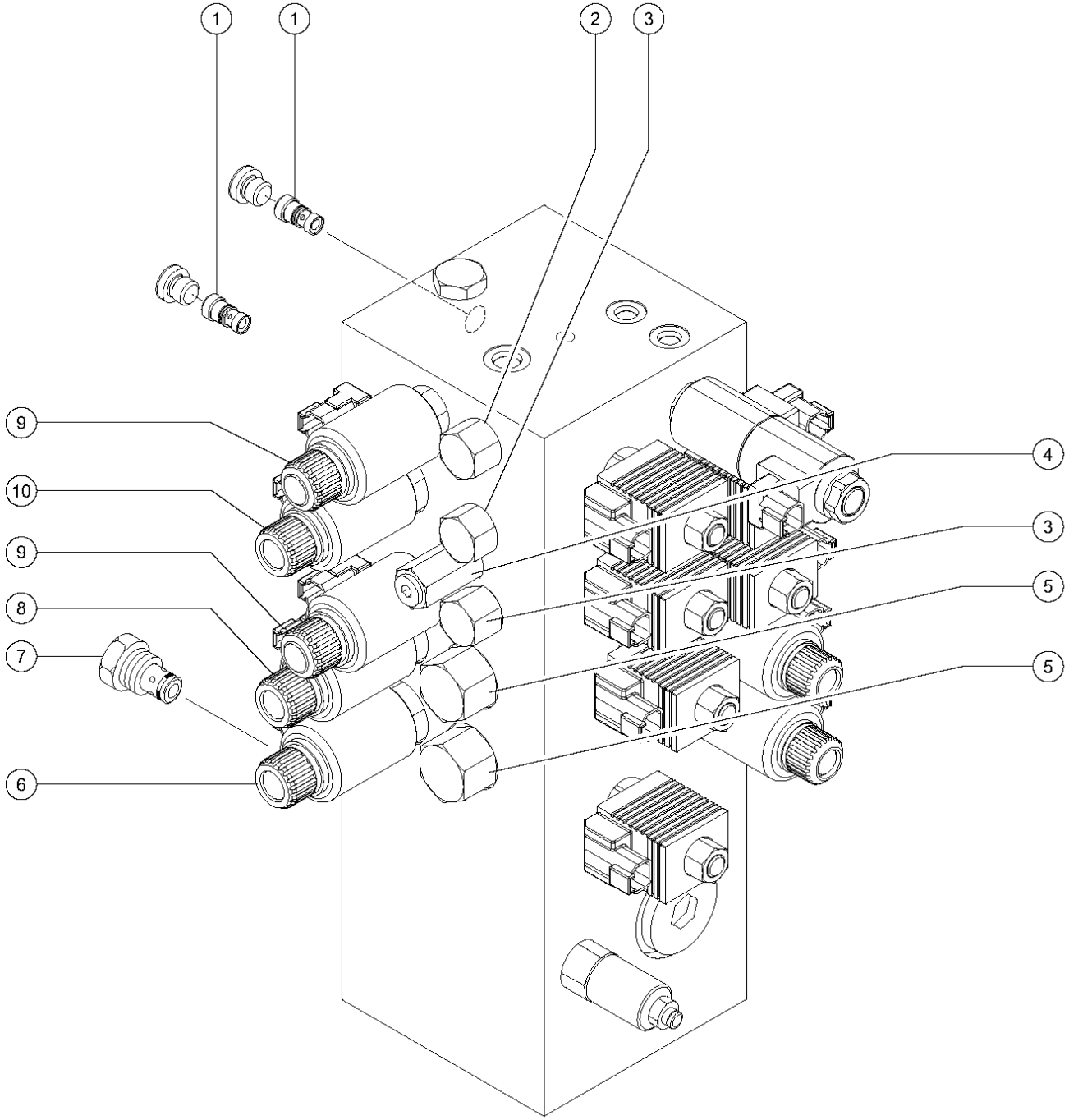
705.2 Function Manifold, View 1 (from SN 440)



705.2 Function Manifold, View 1 (from SN 440)

Item	Part No.	Description	Qty.
7-	89310GT	SEAL KIT, SOLENOID VALVE	
8	107743GT	VALVE,SOLENOID 2 POS 3 WAY H, Secondary boom up	
8-	119113GT	COIL,12V DEUTSCH	
8-	45921GT	RETAINER-N.C.PROPOR.SOLENOID	
8-	110198GT	SEAL KIT, VALVE, #12	
9	110342GT	VALVE, CHECK DF , Tank return circuit	
9-	29029GT	SEAL KIT,19920 HAND PUMP	
10	107746GT	VALVE,SOLENOID 3 POS 4 WAY B, Turntable rotate	
10-	119112GT	COIL, 12V, DEUTSCH	
10-	119115GT	NUT, COIL (107746)	
11	110343GT	VALVE, RELIEF L , System relief	
11-	110194GT	SEAL KIT, VALVE, #10	
12	32741GT	VALVE,DIFF SENSING,150 PSI S , Secondary up/down circuit	
12-	110198GT	SEAL KIT, VALVE, #12	
13	32741GT	VALVE,DIFF SENSING,150 PSI U , Secondary extend/retract circuit	
13-	110198GT	SEAL KIT, VALVE, #12	
14	27802GT	VALVE,DIFFERENTIAL SENSING*** Q , Primary extend/retract circuit	
14-	110197GT	SEAL KIT, VALVE, #10	

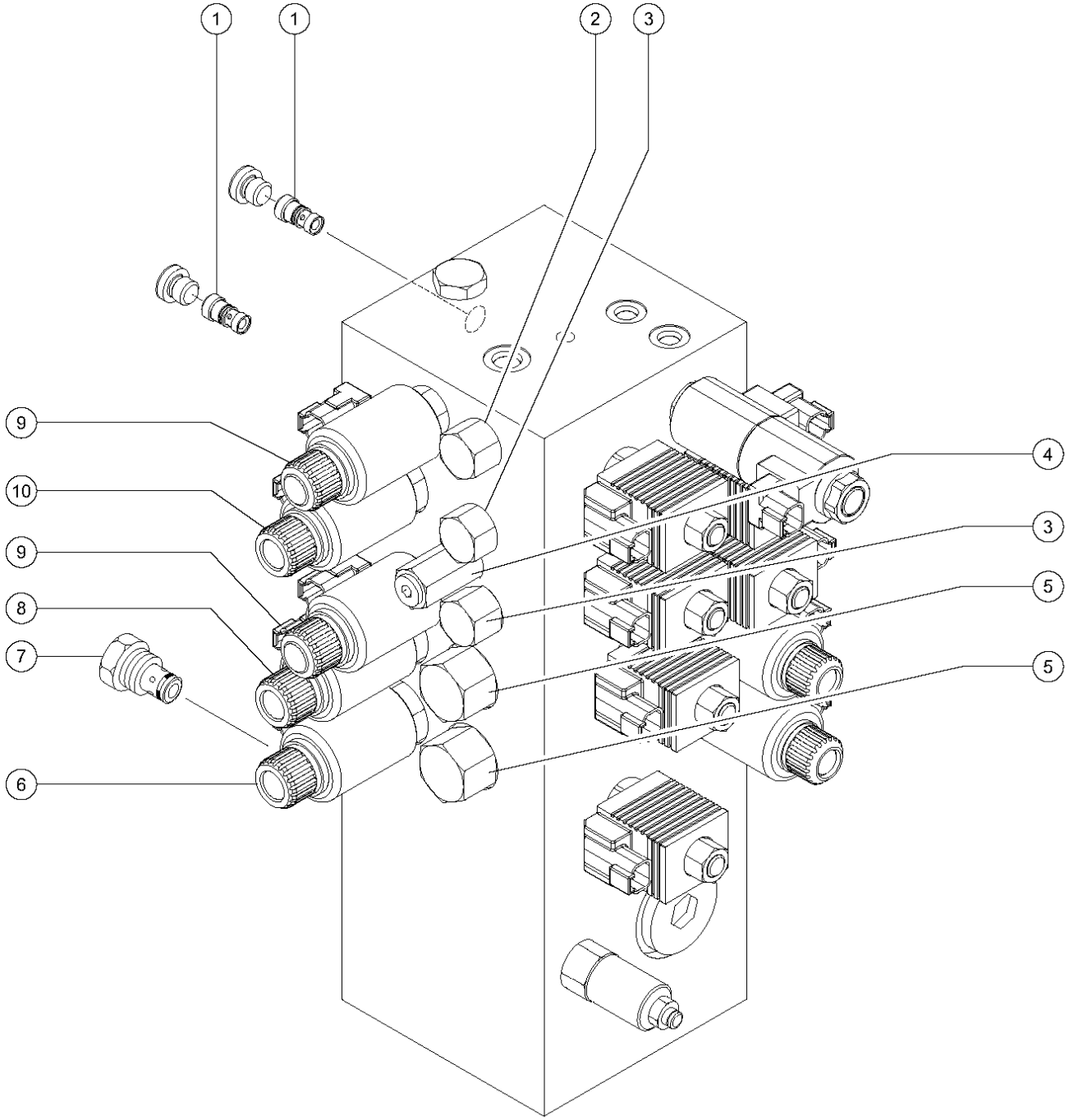
706.1 Function Manifold, View 2 (to SN 439)



706.1 Function Manifold, View 2 (to SN 439)

Item	Part No.	Description	Qty.
A-	101437GT	MANIFOLD,FUNCTION	
1	107747GT	VALVE,CHECK,5 PSI	2
1-	56236GT	O-RING,ORFS,-10	
2	107748GT	VALVE,DIFFERENTIAL SENSING	1
2-	110197GT	SEAL KIT, VALVE, #10	
3	27802GT	VALVE,DIFFERENTIAL SENSING***	2
3-	110197GT	SEAL KIT, VALVE, #10	
4	107749GT	VALVE, RELIEF, 2600 PSI	1
4-	74902GT	SEAL KIT, VALVE	
5	32741GT	VALVE,DIFF SENSING,150 PSI	2
5-	110198GT	SEAL KIT, VALVE, #12	
6	107750GT	VALVE,PROPORTIONAL	1
6-	58303GT	COIL,VALVE,PROPORTIONAL***	
6-	45921GT	RETAINER-N.C.PROPOR.SOLENOID	
6-	110198GT	SEAL KIT, VALVE, #12	
7	107751GT	VALVE, CHECK, 5 PSI	1
7-	29029GT	SEAL KIT,19920 HAND PUMP	
8	107752GT	VALVE,PROPORTIONAL	1
8-	58303GT	COIL,VALVE,PROPORTIONAL***	
8-	45921GT	RETAINER-N.C.PROPOR.SOLENOID	
8-	110198GT	SEAL KIT, VALVE, #12	
9	107753GT	VALVE,PROPORTIONAL	2
9-	58303GT	COIL,VALVE,PROPORTIONAL***	
9-	45921GT	RETAINER-N.C.PROPOR.SOLENOID	
9-	89310GT	SEAL KIT, SOLENOID VALVE	
10	107754GT	VALVE,PROPORTIONAL	1
10-	58303GT	COIL,VALVE,PROPORTIONAL***	
10-	45921GT	RETAINER-N.C.PROPOR.SOLENOID	

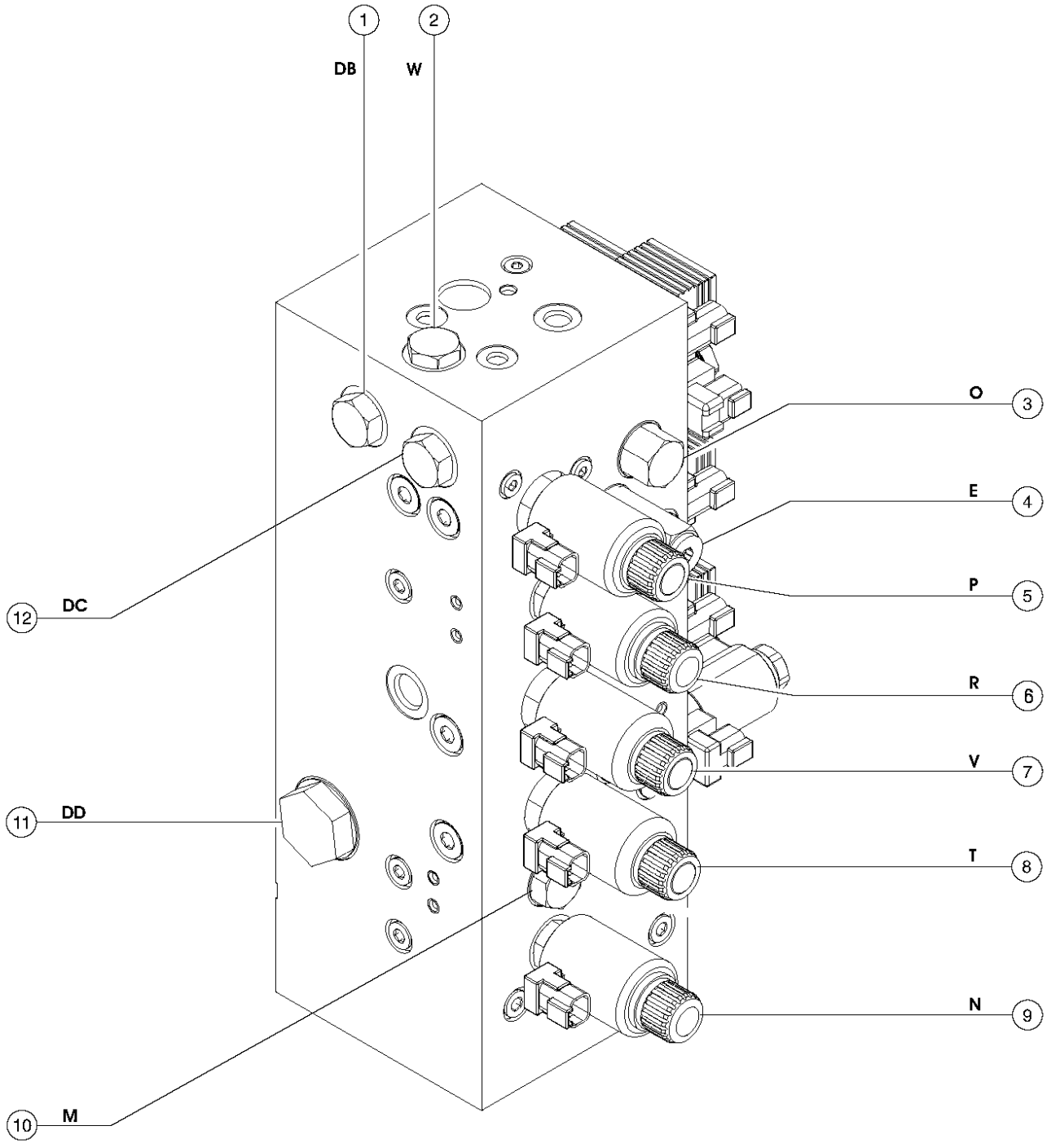
706.1 Function Manifold, View 2 (to SN 439)



706.1 Function Manifold, View 2 (to SN 439)

Item	*Part No.*	*Description*	*Qty.*
10-	110198GT	SEAL KIT, VALVE, #12	

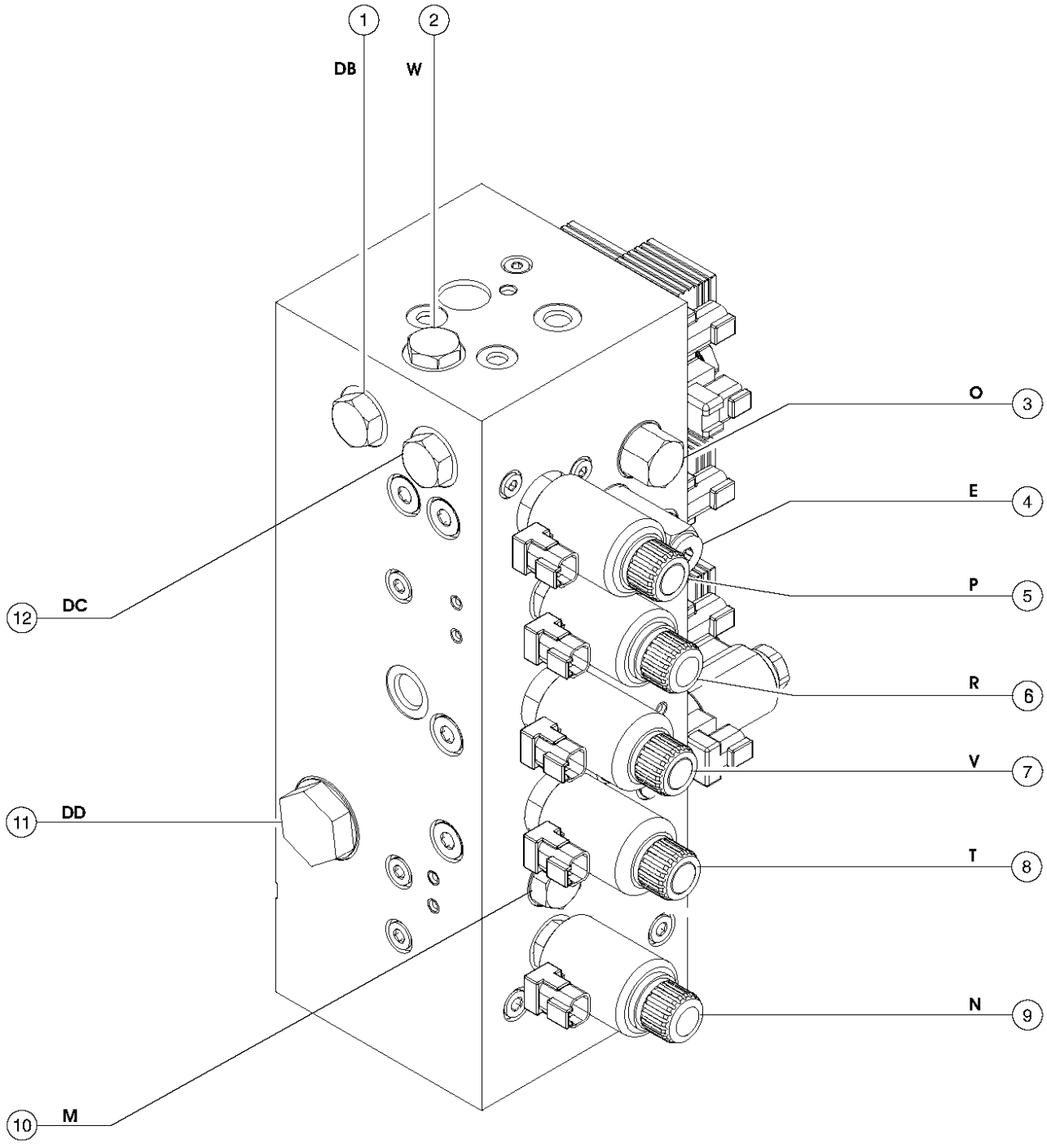
706.2 Function Manifold, View 2 (from SN 440)



706.2 Function Manifold, View 2 (from SN 440)

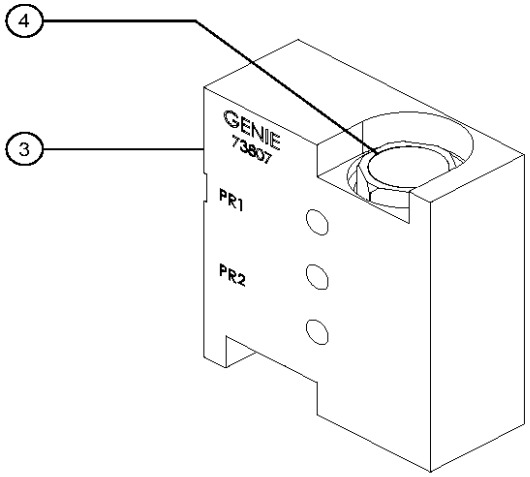
Item	Part No.	Description	Qty.
A-	119412GT	MANIFOLD,FUNCTION Complete	
1	107747GT	VALVE,CHECK,5 PSI DB , Auxiliary Power Unit	
1-	56236GT	O-RING,ORFS,-10	
2	27836GT	VALVE,CHECK,5 PSI W , Pressure circuit	
2-	110194GT	SEAL KIT, VALVE, #10	
3	27802GT	VALVE,DIFFERENTIAL SENSING*** O , Primary up/down circuit	
3-	110197GT	SEAL KIT, VALVE, #10	
4	107749GT	VALVE, RELIEF, 2600 PSI E , Primary extend/retract circuit	
4-	74902GT	SEAL KIT, VALVE	
5	107754GT	VALVE,PROPORTIONAL P , Primary up/down circuit	
5-	58303GT	COIL,VALVE,PROPORTIONAL***	
5-	45912GT	NUT,SOLENOID VALVE 2P3W	
5-	110198GT	SEAL KIT, VALVE, #12	
6	107753GT	VALVE,PROPORTIONAL R , Primary extend/retract circuit	
6-	58303GT	COIL,VALVE,PROPORTIONAL***	
6-	45921GT	RETAINER-N.C.PROPOR.SOLENOID	
6-	89310GT	SEAL KIT, SOLENOID VALVE	
7	107752GT	VALVE,PROPORTIONAL V , Secondary extend/retract circuit	
7-	58303GT	COIL,VALVE,PROPORTIONAL***	
7-	45912GT	NUT,SOLENOID VALVE 2P3W	
7-	110198GT	SEAL KIT, VALVE, #12	
8	107750GT	VALVE,PROPORTIONAL T , Secondary up/down circuit	
8-	58303GT	COIL,VALVE,PROPORTIONAL***	
8-	45912GT	NUT,SOLENOID VALVE 2P3W	
8-	110198GT	SEAL KIT, VALVE, #12	
9	107753GT	VALVE,PROPORTIONAL N , Turntable rotate circuit	
9-	58303GT	COIL,VALVE,PROPORTIONAL***	
9-	45921GT	RETAINER-N.C.PROPOR.SOLENOID	

706.2 Function Manifold, View 2 (from SN 440)

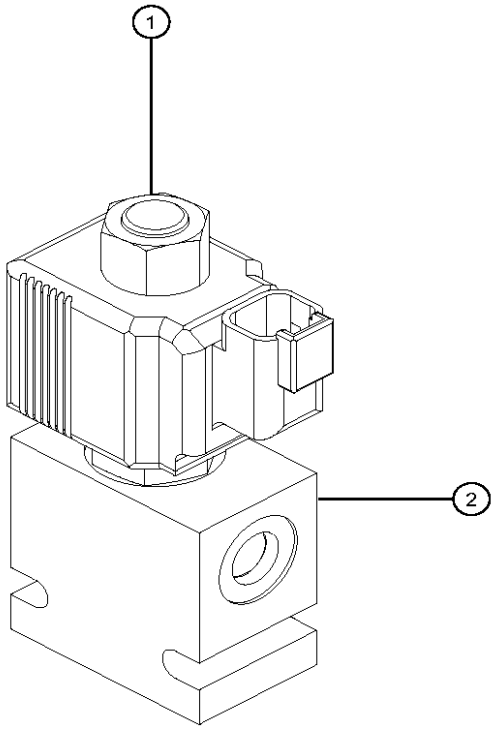


706.2 Function Manifold, View 2 (from SN 440)

Item	*Part No.*	*Description*	*Qty.*
9-	89310GT	SEAL KIT, SOLENOID VALVE	
10	27802GT	VALVE,DIFFERENTIAL SENSING***	
		M , Turntable rotate circuit	
10-	110197GT	SEAL KIT, VALVE, #10	
11	107751GT	VALVE, CHECK, 5 PSI	
		DD , Prevents hydraulic pressure from flowing back into function pump	
11-	29029GT	SEAL KIT,19920 HAND PUMP	
12	107747GT	VALVE,CHECK,5 PSI	
		DC , Auxiliary Power Unit	
12-	56236GT	O-RING,ORFS,-10	



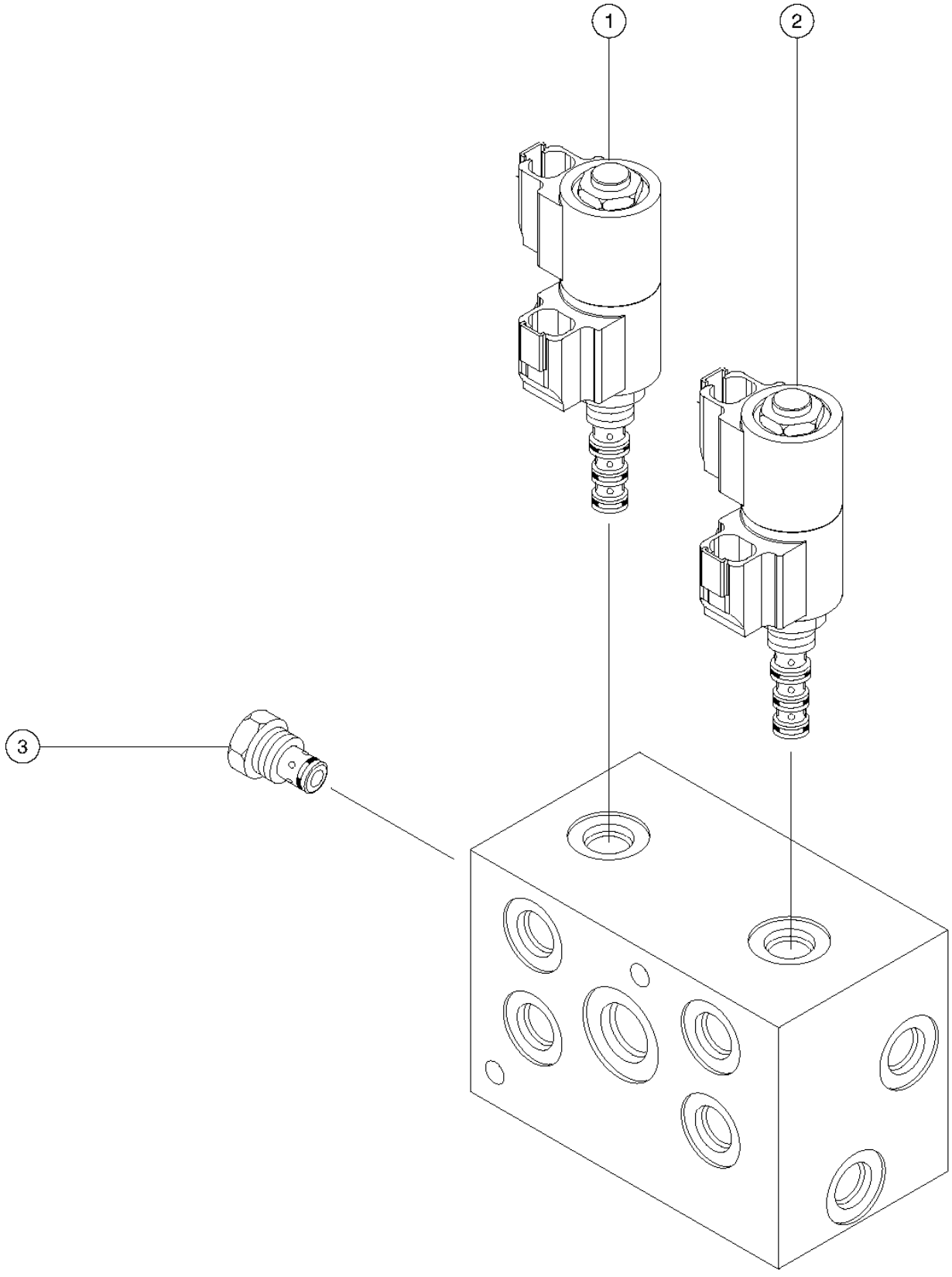
Platform Rotator Manifold



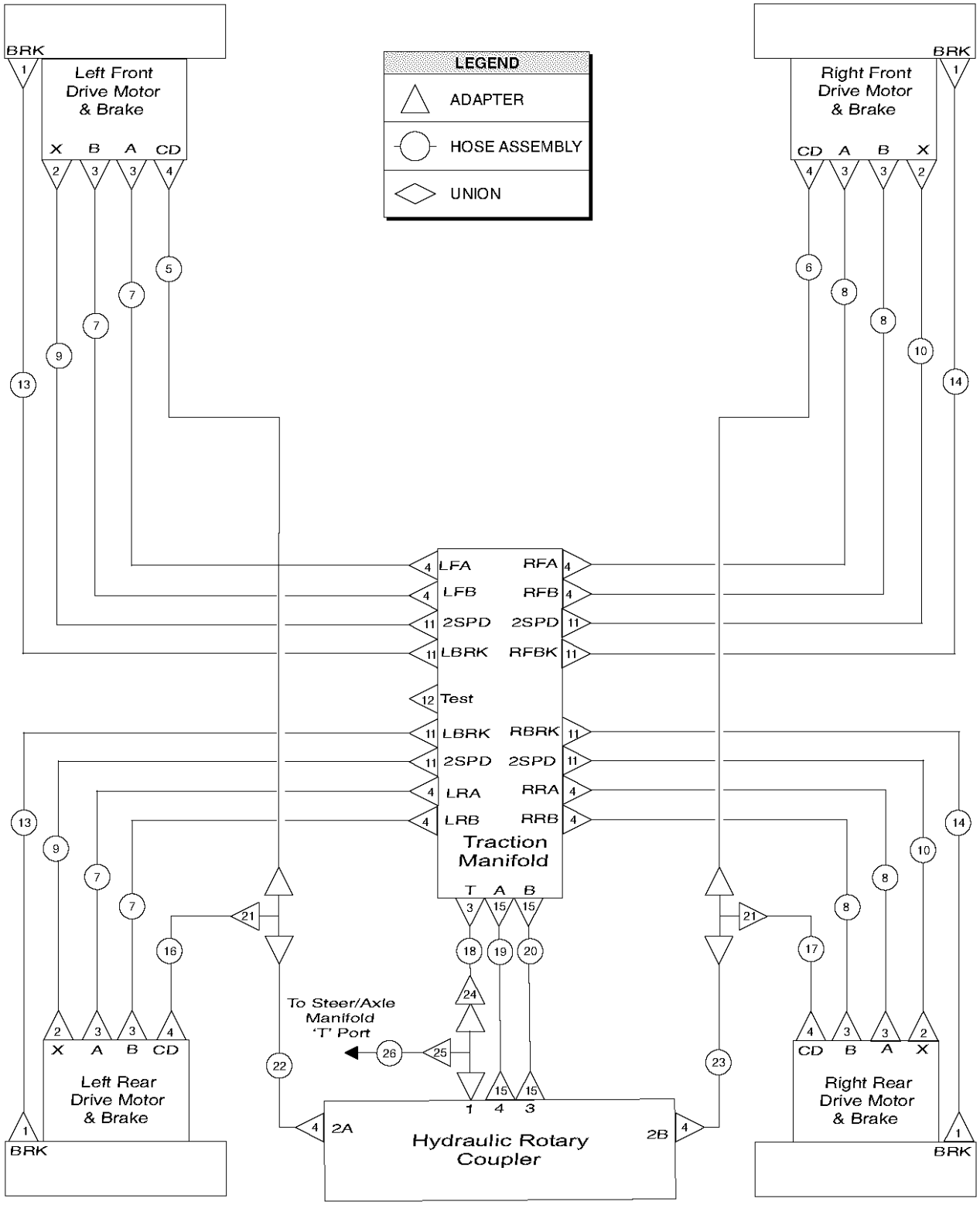
Function Enable Valve

Item	*Part No.*	*Description*	*Qty.*
1	107742GT	VALVE,SOLENOID 2 POS 2 WAY	1
2	106454GT	VALVE,FUNCTION ENABLE includes item 1	1
3	73807GT	MANIFOLD,ROTATOR,CB*** includes item 4	1
3-	62507GT	O-RING, ROTATOR MANIFOLD	
4	62506GT	VALVE - COUNTERBALANCE**	2
4-	43018GT	SEAL KIT (39345)	

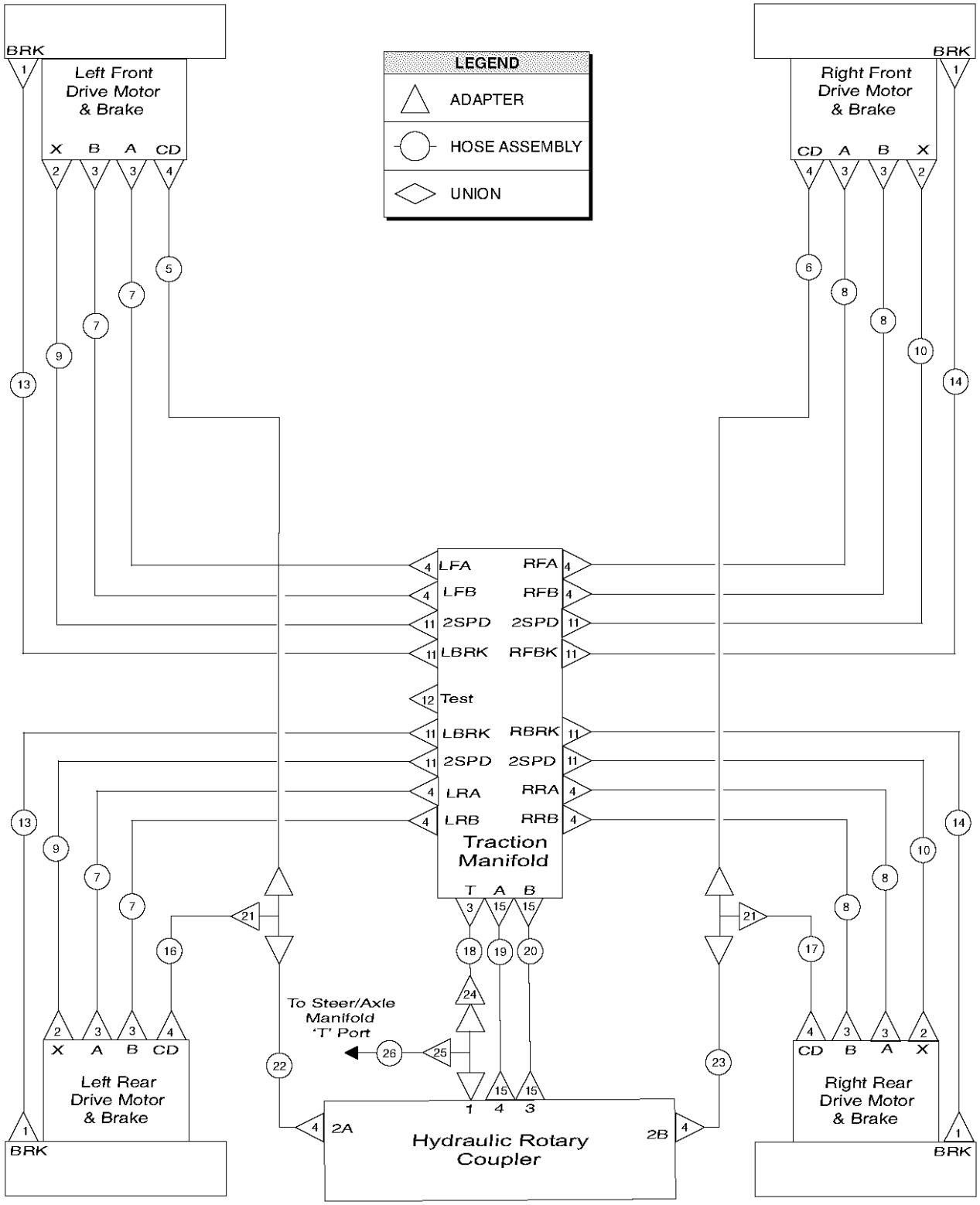
708.1 Platform Manifold



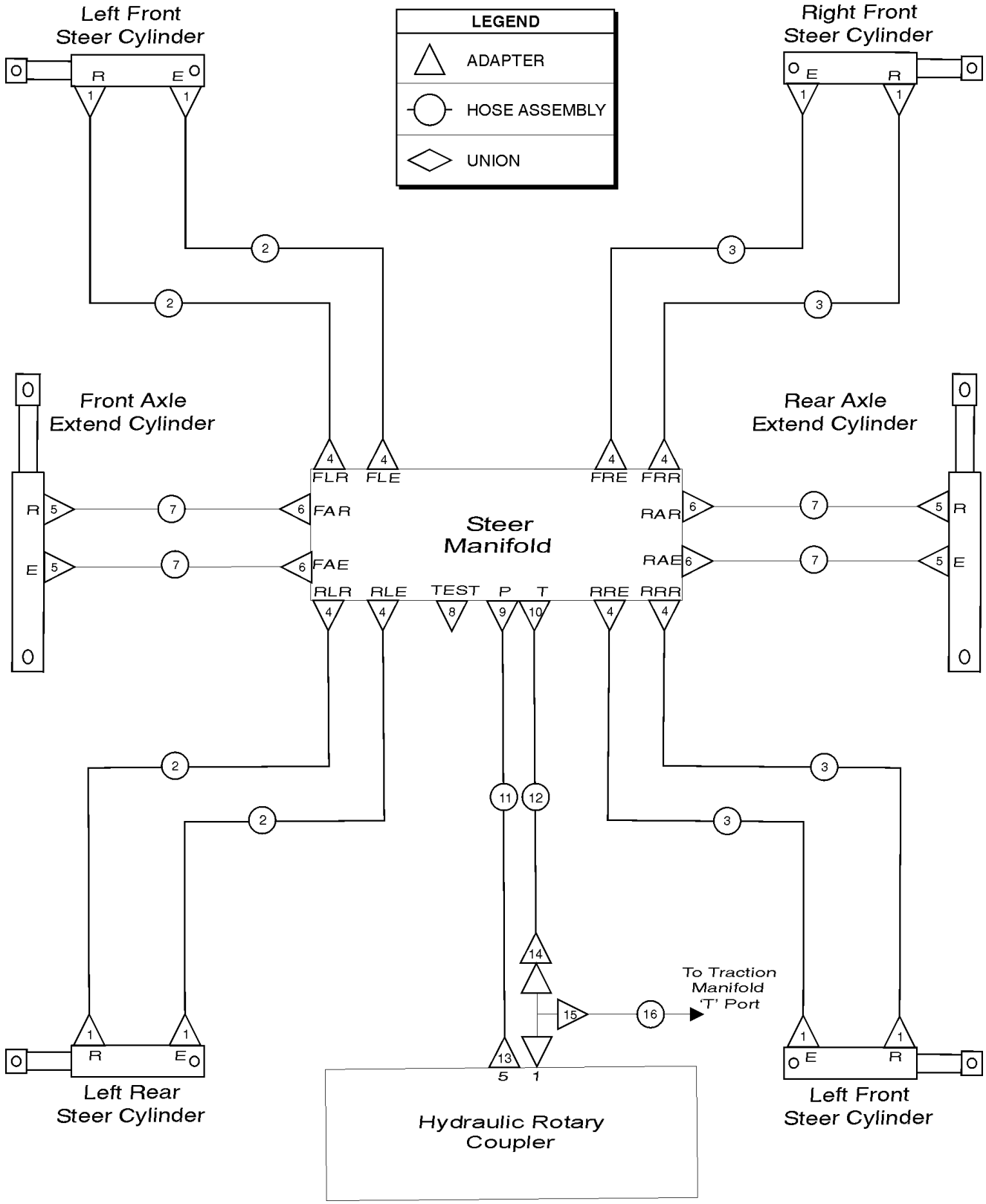
Item	Part No.	Description	Qty.
A-	101546GT	MANIFOLD,PLATFORM	
1	39346GT	VALVE,SOLENOID 3 POS.4 WAY***	1
1-	104759GT	COIL,12VDC #8 DTSCH IP69 ECOIL	
1-	97372GT	SPACER, COIL	
1-	44174GT	NUT-COIL SHORT	
1-	44229GT	SEAL KIT, VALVE	
2	107816GT	VALVE,PROPORTIONAL 3 POS 4 WY*	1
2-	107768GT	COIL,12VDC #8 DTSCH W/O DIODE	
2-	97372GT	SPACER, COIL	
2-	44174GT	NUT-COIL SHORT	
2-	44229GT	SEAL KIT, VALVE	
3	107741GT	VALVE, FLOW REGULATOR	1
3-	44228GT	SEAL KIT, VALVE	


LEGEND
ADAPTER
HOSE ASSEMBLY
UNION
Left Front Drive Motor & Brake
Right Front Drive Motor & Brake
Left Rear Drive Motor & Brake
Right Rear Drive Motor & Brake
BRK
X B A CD
CD A B X
LFA
LFB
2SPD
LBRK
RFA
RFB
2SPD
RFBK
Test
LBRK
2SPD
LRA
LRB
RBRK
2SPD
RRA
RRB
Traction Manifold
T A B
To Steer/Axle Manifold 'T' Port
2A
2B
Hydraulic Rotary Coupler

Item	Part No.	Description	Qty.
1	48912GT	CONN,520120-4-6***	4
2	48911GT	ELBOW,90D,520220-4-6***	4
3	48948GT	CONN,520120-8-12	9
4	48933GT	CONN,520120-8***	14
5	73772-12092GT	HOSE ASSY,1/2,STR FEM,STR FEM	1
6	73772-13792GT	HOSE ASSY,1/2,STR FEM,STR FEM	1
7	81812-12292GT	HOSE ASSY,1/2"	4
8	81812-16692GT	HOSE ASSY,1/2"	4
9	49119-12978GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
9-	101792-12978GT	HOSE ASSY,1/4,STR FEM,STR FEM Arctic Option	
10	49119-17278GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
10-	101792-17278GT	HOSE ASSY,1/4,STR FEM,STR FEM Arctic Option	
11	48905GT	CONNECTOR, 520120-4	8
12	48998GT	NIPPLE,DIAGNOSTIC,#6 PORT***	1
12-	48880GT	CAP,DIAGNOSTIC NIPPLE	
13	49116-12537GT	HOSE ASSY,1/4,45 FEM,STR FEM	2
13-	101789-12537GT	HOSE ASSY,1/4,45 FEM,STR FEM Arctic Option	
14	49116-16637GT	HOSE ASSY,1/4,45 FEM,STR FEM	1
14-	101789-16637GT	HOSE ASSY,1/4,45 FEM,STR FEM Arctic Option	
15	48963GT	FITTING,ELBOW,45D,520320-12***	4
16	73772-13292GT	HOSE ASSY,1/2,STR FEM,STR FEM	1
17	73772-12592GT	HOSE ASSY,1/2,STR FEM,STR FEM	1
18	94464-3586GT	HOSE ASSY,1/2"	1
19	89871-2798GT	HOSE ASSY,3/4" STR-STR	1
20	89871-3198GT	HOSE ASSY,3/4" STR-STR	1
21	48940GT	TEE,BULKHEAD,RUN,520958-8	2
22	94465-4050GT	HOSE ASSY,1/2"	1
23	94465-3650GT	HOSE ASSY,1/2"	1

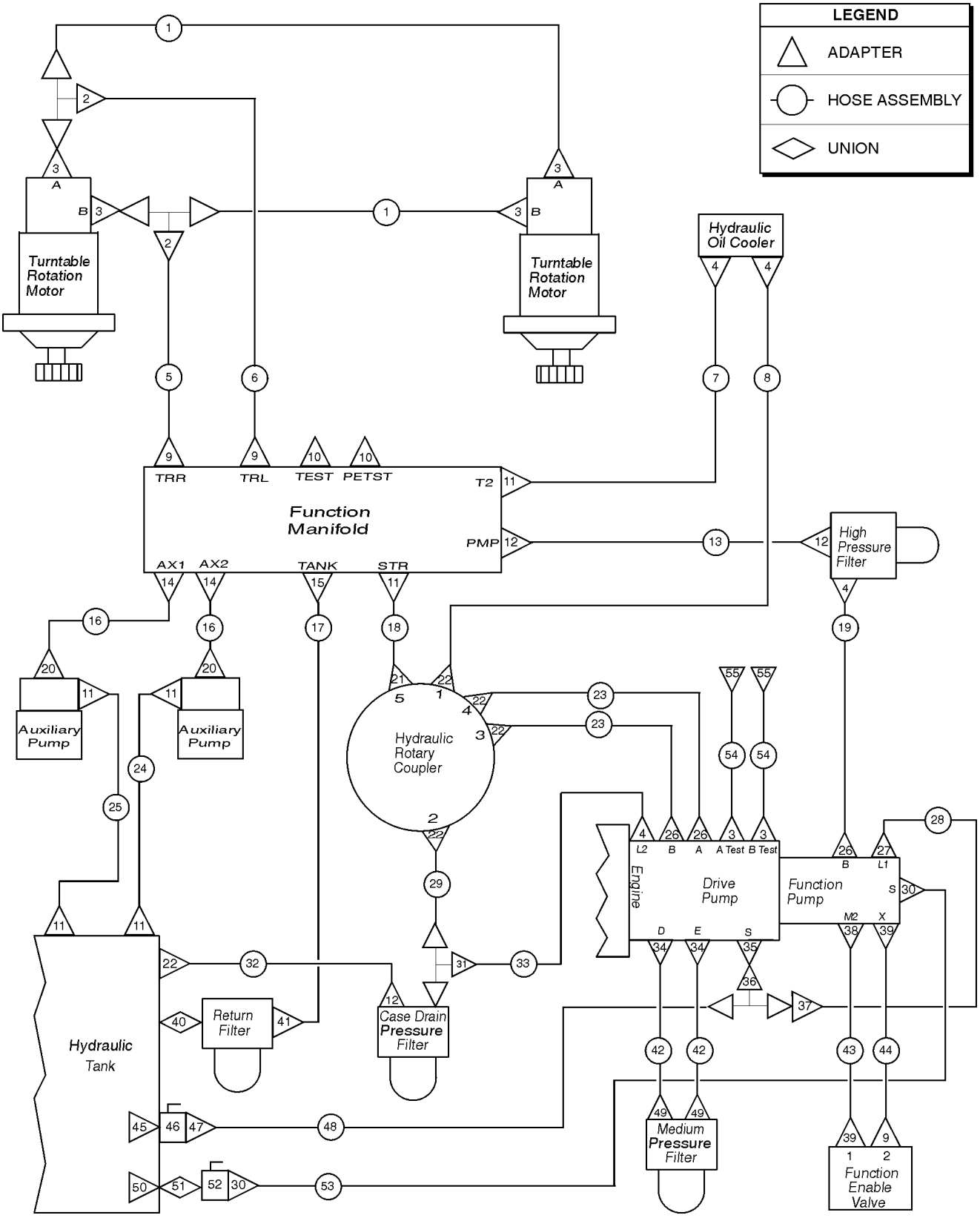

LEGEND
ADAPTER
HOSE ASSEMBLY
UNION
Left Front Drive Motor & Brake
Right Front Drive Motor & Brake
Left Rear Drive Motor & Brake
Right Rear Drive Motor & Brake
BRK
X B A CD
CD A B X
LFA
LFB
2SPD
LBRK
RFA
RFB
2SPD
RFBK
Test
LBRK
2SPD
LRA
LRB
RBRK
2SPD
RRA
RRB
Traction Manifold
T A B
To Steer/Axle Manifold 'T' Port
2A
2B
Hydraulic Rotary Coupler

Item	Part No.	Description	Qty.
24	51580GT	FITTING,REDUCER,520123-12-8***	1
25	48961GT	TEE,RUN,520428-12	1
26	94466-3536GT	HOSE ASSY,3/4"	1


LEGEND
ADAPTER
HOSE ASSEMBLY
UNION
Left Front Steer Cylinder
Right Front Steer Cylinder
Front Axle Extend Cylinder
Rear Axle Extend Cylinder
Steer Manifold
FLR
FLE
FRE
FRR
FAR
FAE
RAR
RAE
RLR
RLE
TEST
P
T
RRE
RRR
To Traction Manifold 'T' Port
Left Rear Steer Cylinder
Left Front Steer Cylinder
Hydraulic Rotary Coupler

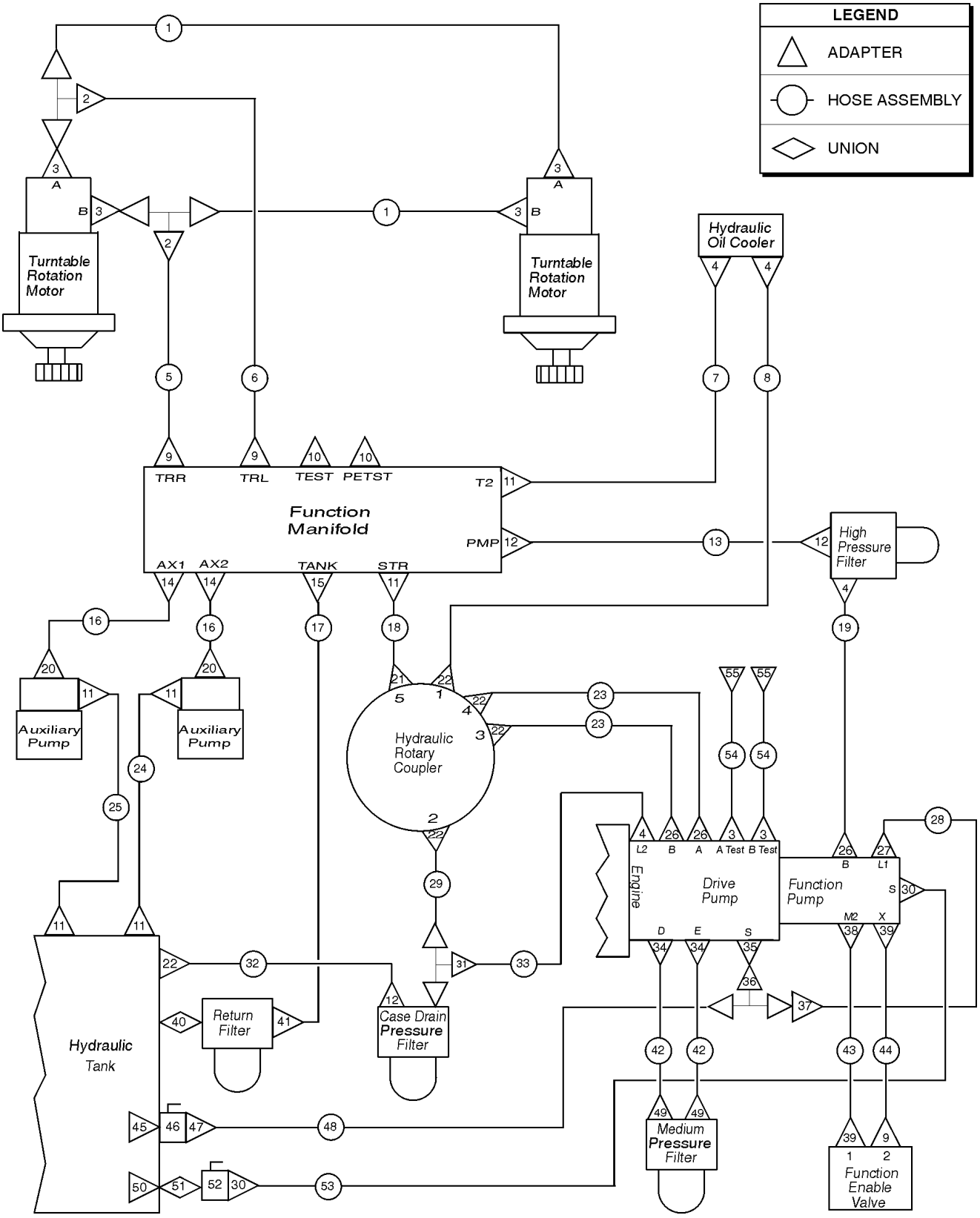
Item	Part No.	Description	Qty.
1	48911GT	ELBOW,90D,520220-4-6***	8
2	49119-13778GT	HOSE ASSY,1/4,STR FEM,STR FEM to SN 430	4
2B	49119-13578GT	HOSE ASSY,1/4,STR FEM,STR FEM from SN 431	4
2B-	101792-13578GT	HOSE ASSY,1/4,STR FEM,STR FEM Arctic Option	
3	49119-9178GT	HOSE ASSY,1/4,STR FEM,STR FEM* to SN 108	4
3B	49119-8778GT	HOSE ASSY,1/4,STR FEM,STR FEM from SN 109 to 430	4
3C	49119-9378GT	HOSE ASSY,1/4,STR FEM,STR FEM from SN 431	4
3C-	101792-9378GT	HOSE ASSY,1/4,STR FEM,STR FEM Arctic Option	
4	48905GT	CONNECTOR, 520120-4	8
5	48920GT	ELBOW,45D,520320-6	4
6	48916GT	CONN, 520120-6	4
7	49130-4682GT	HOSE ASSY,3/8"STR FEM,STR FEM	4
7-	101795-4682GT	HOSE ASSY,3/8,STR FEM,STR FEM (Components: 1287114 @ 45 inches Arctic Option)	
8	48998GT	NIPPLE,DIAGNOSTIC,#6 PORT***	1
8-	48880GT	CAP,DIAGNOSTIC NIPPLE	1
9	48948GT	CONN,520120-8-12	1
10	48960GT	FITTING,CONN,520120-12***	1
11	49183-4292GT	HOSE ASSY,1/2,STR FEM,STR FEM	1
12	94466-3536GT	HOSE ASSY,3/4"	1
13	48937GT	ELBOW,45D,520320-8	1
14	51580GT	FITTING,REDUCER,520123-12-8***	1
15	48961GT	TEE,RUN,520428-12	1
16	94464-3586GT	HOSE ASSY,1/2"	1

711.1 Hydraulic Hoses and Fittings, Turntable Components



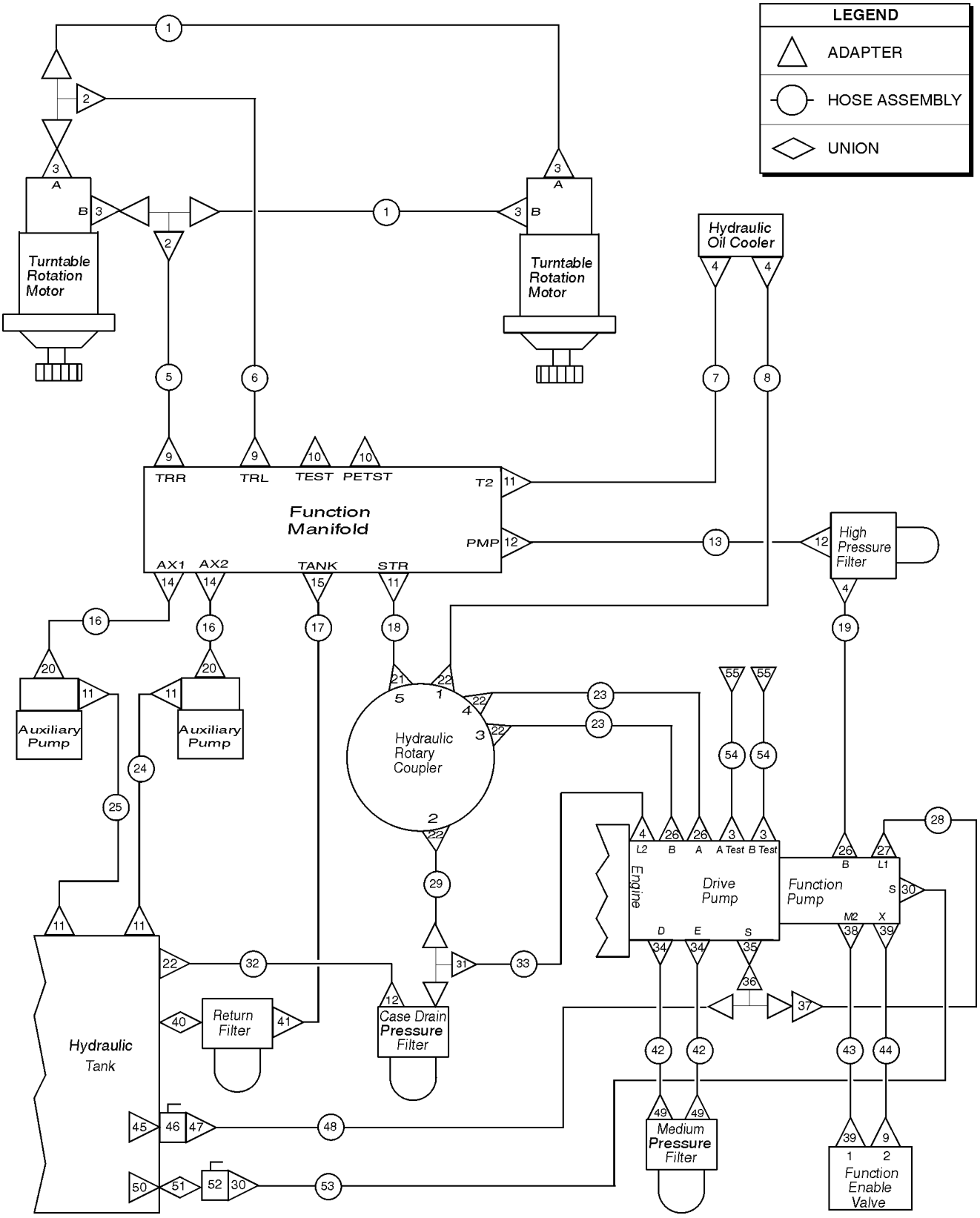
Item	Part No.	Description	Qty.
1	49119-2078GT	HOSE ASSY,1/4,STR FEM,STR FEM*	2
2	48908GT	FITTING,TEE,RUN,SWIVEL520432-4	2
3	48912GT	CONN,520120-4-6***	4
4	48959GT	FITTING,ELBOW,90D,520220-12	4
5	49117-2641GT	HOSE ASSY,1/4,90 FEM,STR FEM to SN 439	1
5-	49119-2628GT	HOSE ASSY,1/4,STR FEM,STR FEM from SN 440	
6	49117-2841GT	HOSE ASSY,1/4,90 FEM,STR FEM to SN 439	1
6-	49119-2828GT	HOSE ASSY,1/4,STR FEM,STR FEM from SN 440	
7	49151-4048GT	HOSE ASSY,3/4,STR FEM,STR FEM	1
8	49151-9398GT	HOSE ASSY,3/4,STR FEM,STR FEM	1
9	48905GT	CONNECTOR, 520120-4	3
10	48998GT	NIPPLE,DIAGNOSTIC,#6 PORT***	4
10-	48880GT	CAP,DIAGNOSTIC NIPPLE	
11	48933GT	CONN,520120-8***	6
12	48960GT	FITTING,CONN,520120-12***	3
13	61073-3530GT	HOSE ASSY,3/4,90 FEM,STR FEM	1
14	48927GT	CONN,520120-6-4	2
15	88353GT	ELBOW,45D,520320-20	1
16	49128-2409GT	HOSE ASSEMBLY,3/8" to SN 439	2
16-	49128-2709GT	HOSE ASSEMBLY,3/8 from SN 440	
17	88441-4140GT	HOSE ASSY,1 1/4"STR FEM,STR FE	1
18	49183-5092GT	HOSE ASSY,1/2,STR FEM,STR FEM*	1
19	61073-15930GT	HOSE ASSY,3/4,90 FEM,STR FEM	1
20	48916GT	CONN, 520120-6	2
21	48937GT	ELBOW,45D,520320-8	1
22	48963GT	FITTING,ELBOW,45D,520320-12***	5
23	94374-5930GT	HOSE ASSY,3/4,90 FEM,STR FEM**	2
24	73772-2192GT	HOSE ASSY,1/2,STR FEM,STR FEM	1

711.1 Hydraulic Hoses and Fittings, Turntable Components

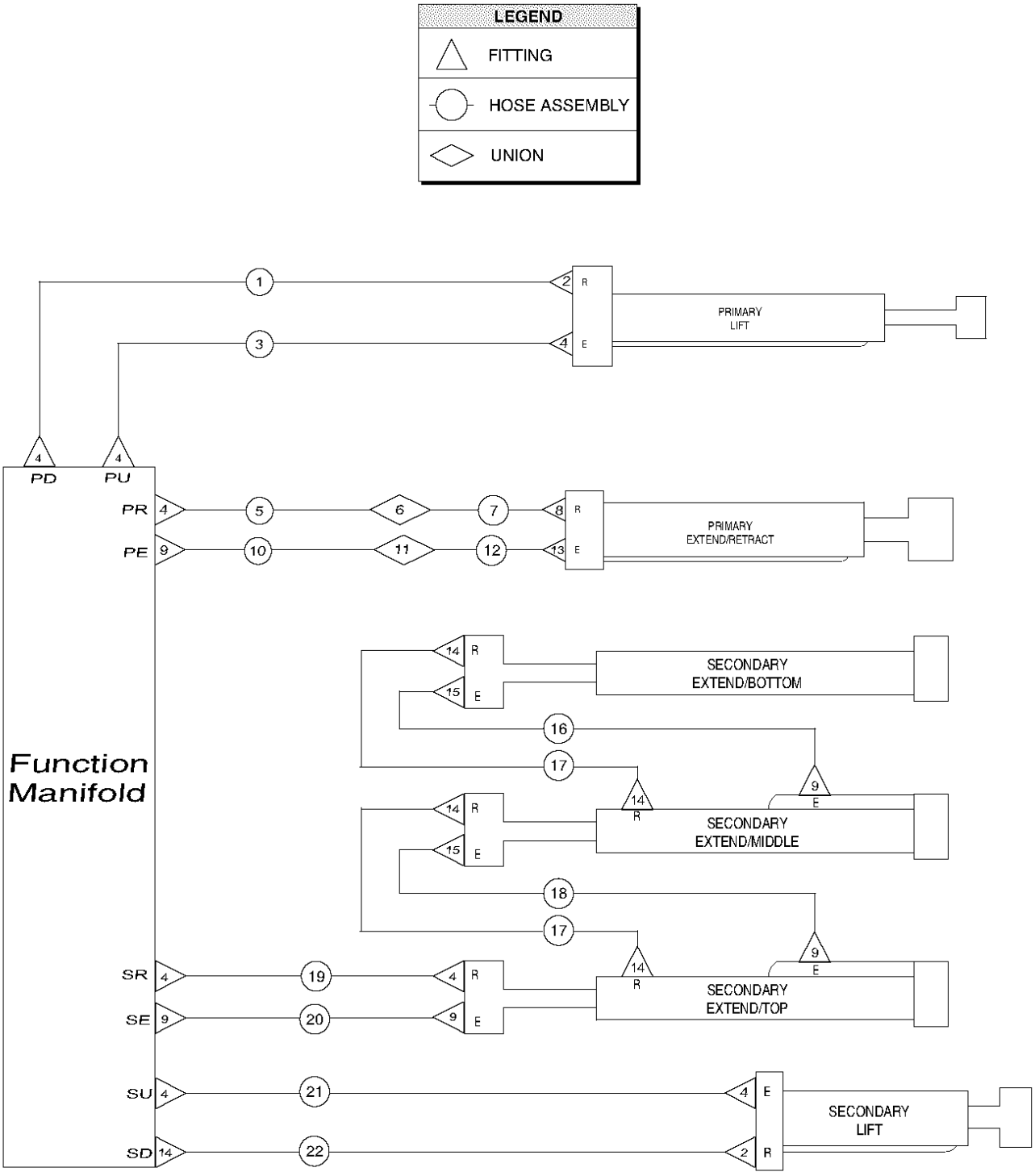


Item	Part No.	Description	Qty.
25	73772-1692GT	HOSE ASSY,1/2,STR FEM,STR FEM	1
26	48978GT	ELBOW,45D,520320-12-16	3
27	48946GT	CONN,520120-8-10	1
28	49167-2229GT	HOSE ASSEMBLY,1/2 100R1	1
29	49150-6730GT	ASSY, HOSE, HYD, -12, 1750, STR, 90	1
30	61083GT	CONN,520120-24	2
31	48961GT	TEE,RUN,520428-12	1
32	49150-3630GT	HOSE ASSY,3/4,90 FEM,STR FEM	1
33	49150-17830GT	HOSE ASSY,3/4,90 FEM,STR FEM	1
34	56604GT	CONN,520120-10-8	2
35	106382GT	CONN,520120-16 LONG	1
36	42787GT	TEE,RUN,SWIVEL,520432-16	1
37	42788GT	REDUCER,520123-16-8	1
38	49418GT	FITTING,ELBOW,45D,520320-4-6**	1
39	48904GT	ELBOW, 90D, 520220-4	2
40	61263GT	UNION,STR.THREAD 20	1
41	75654GT	CONN,520120-20	1
42	49141-2863GT	HOSE ASSY,1/2,45 FEM,STR FEM	2
43	49119-2378GT	HOSE ASSY,1/4.STR FEM,STR FEM	1
44	49119-1678GT	HOSE ASSY, 1/4,STR FEM,STR FEM	1
45	75253GT	STRAINER ASSY,#16 O-RING	1
46	48996GT	VALVE,BALL,16 MSAE-16 FSAE***	1
47	48984GT	CONN, 520120-16	1
48	88942-16554GT	HOSE ASSY,1",90 FEM,STR FEM	1
49	48932GT	FITTING,ELBOW,90D,520220-8***	2
50	75257GT	STRAINER ASSY,#24 O-RING	1
51	75254GT	UNION,STR.THREAD 24***	1
52	75256GT	VALVE BALL,24 FSAE-24 FSAE***	1

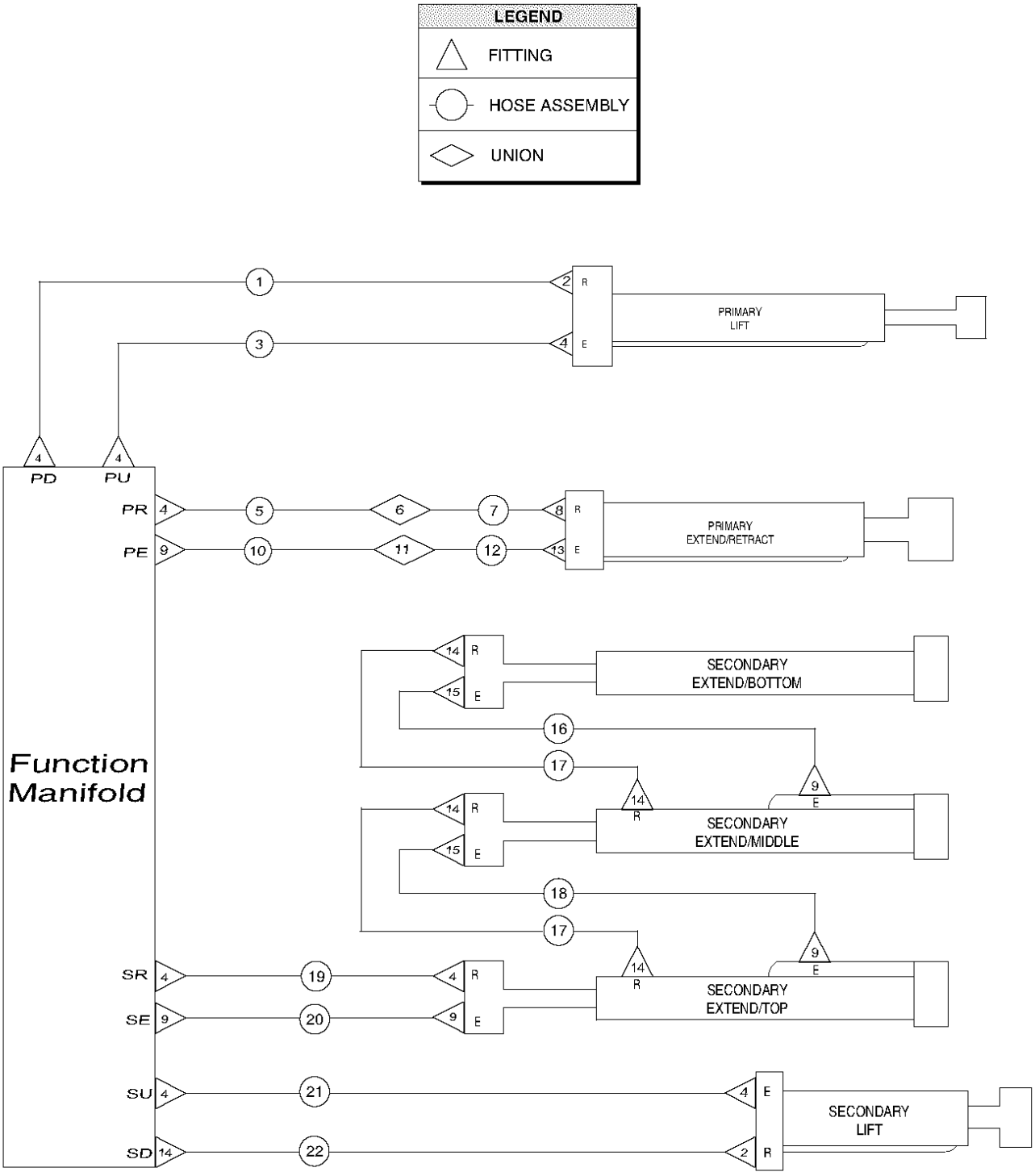
711.1 Hydraulic Hoses and Fittings, Turntable Components



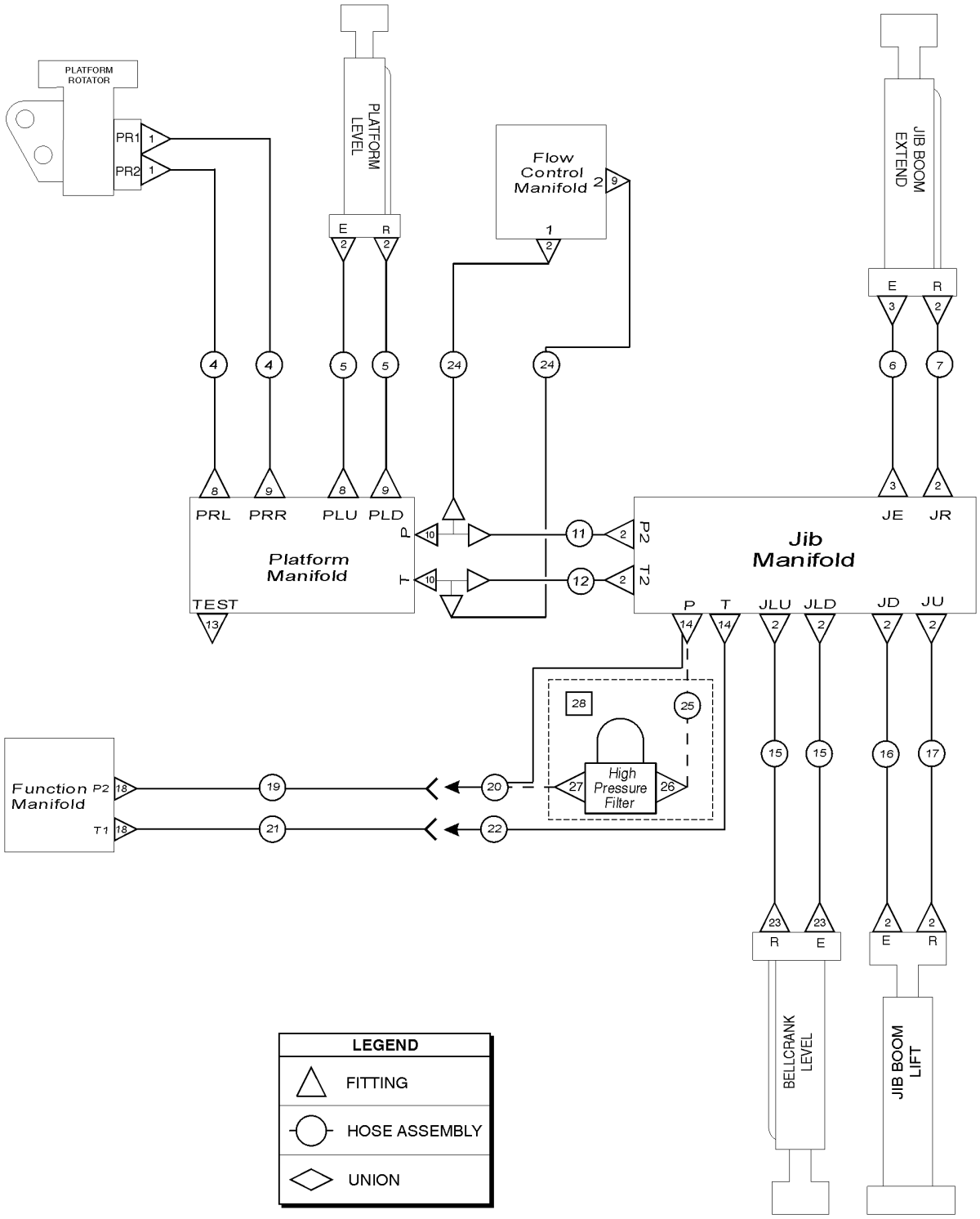
Item	*Part No.*	*Description*	*Qty.*
53	106820-16653GT	HOSE ASSY,2",90D FEM STR FEM	1
54	101793-2573GT	HOSE ASSY,1/4,STR FEM,STR MAL	2
55	49207GT	NIPPLE,DIAGNOSTIC,ORFS,FM,SWIV	2
55-	48880GT	CAP,DIAGNOSTIC NIPPLE	


LEGEND
FITTING
HOSE ASSEMBLY
UNION
PRIMARY LIFT
PD
PU
PR
PE
PRIMARY EXTEND/RETRACT
SECONDARY EXTEND/BOTTOM
Function Manifold
SECONDARY EXTEND/MIDDLE
SR
SE
SECONDARY EXTEND/TOP
SU
SD
SECONDARY LIFT

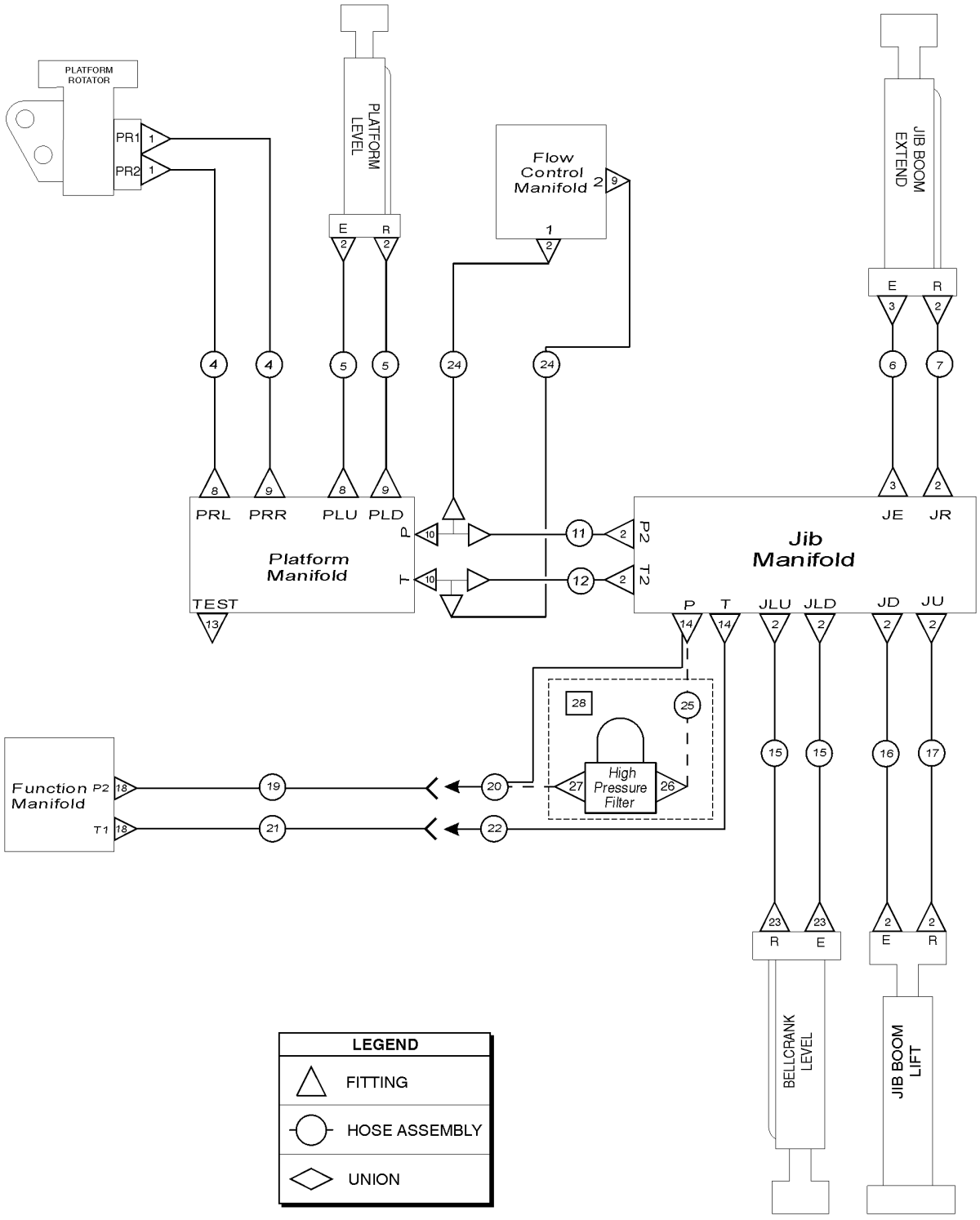
Item	Part No.	Description	Qty.
A-		COVER,HOSES & CABLES refer to 510.1, 510.2 or 515.1	
1	106822-109726GT	HOSE ASSY,1/2,STR FEM STR FEM use until exhausted	1
1B	1318161-109726 GT	HOSE ASSY, 1/2,STR FEM STR FEM to SN 161	1
1-	106822-109026GT	HOSE ASSY,1/2,STR FEM STR FEM use until exhausted	
1B-	1318161-109026 GT	HOSE ASSY, 1/2,STR FEM STR FEM from SN 162	
2	48943GT	FITTING,CONN,520120-8-6	2
3	106822-110026GT	HOSE ASSY,1/2,STR FEM STR FEM to SN 161	1
3B	1318161-108826 GT	HOSE ASSY, 1/2,STR FEM STR FEM from SN 162	
4	48933GT	CONN,520120-8***	7
5	106822-105726GT	HOSE ASSY,1/2,STR FEM STR FEM use until exhausted	1
5B	1318161-105726 GT	HOSE ASSY, 1/2,STR FEM STR FEM to SN 161	
5-	106822-105026GT	HOSE ASSY,1/2 STR FEM STR FEM use until exhausted	
5-	1318161-105026 GT	HOSE ASSY, 1/2,STR FEM STR FEM from SN 162	
6	48894GT	CONN,BULKHEAD,520601-8	1
7	49141-3213GT	HOSE ASSY,1/2,45 FEM,STR FEM	1
8	48937GT	ELBOW,45D,520320-8	1
9	48960GT	FITTING,CONN,520120-12***	5
10	106821-105226GT	HOSE ASSY,3/4,STR FEM STR FEM to SN 161	1
10-	61074-105926GT	HOSE ASSY, 3/4, STR FEM, STR from SN 162	
11	48968GT	CONN,BULKHEAD,520601-12	1
12	61072-3293GT	HOSE ASSY,3/4,45 FEM,STR FEM	1
13	48963GT	FITTING,ELBOW,45D,520320-12***	1
14	48916GT	CONN, 520120-6	5
15	48959GT	FITTING,ELBOW,90D,520220-12	2
16	106817-8829GT	HOSE ASSY,3/4,90D FEM STR FEM	1
17	49130-1307GT	HOSE ASSY,3/8"STR FEM,STR FEM	2
18	106817-9629GT	HOSE ASSY,3/4,90D FEM STR FEM	1
19	49183-13192GT	HOSE ASSY,1/2,STR FEM,STR FEM	1


LEGEND
FITTING
HOSE ASSEMBLY
UNION
PRIMARY LIFT
PD
PU
PR
PE
PRIMARY EXTEND/RETRACT
SECONDARY EXTEND/BOTTOM
Function Manifold
SECONDARY EXTEND/MIDDLE
SR
SE
SECONDARY EXTEND/TOP
SU
SD
SECONDARY LIFT

Item	Part No.	Description	Qty.
20	61074-13248GT	HOSE ASSEMBLY 3/4" STR-STR	1
21	49183-14992GT	HOSE ASSY,1/2,STR FEM,STR FEM	1
22	49130-14682GT	HOSE ASSY,3/8"STR FEM, STR FEM	1

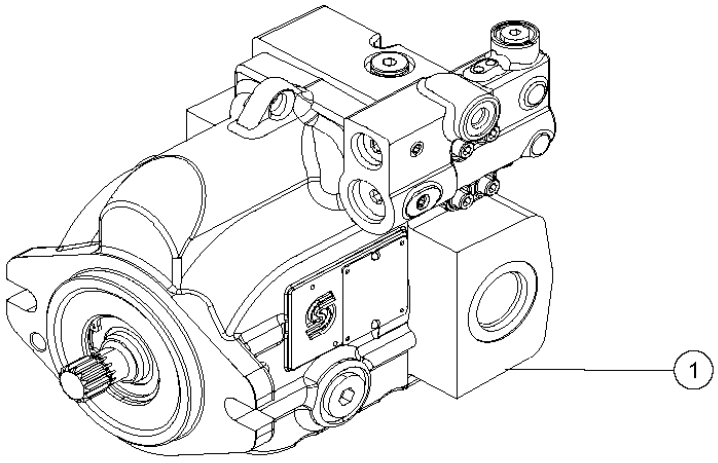

PLATFORM ROTATOR
PR1
PR2
PLATFORM LEVEL
E
R
Flow Control Manifold
JIB BOOM EXTEND
PRL
PRR
PLU
PLD
Platform Manifold
TEST
P2
T2
Jib Manifold
JE
JR
P
T
JLU
JLD
JD
JU
Function Manifold
High Pressure Filter
BELLCRANK LEVEL
JIB BOOM LIFT
LEGEND
FITTING
HOSE ASSEMBLY
UNION

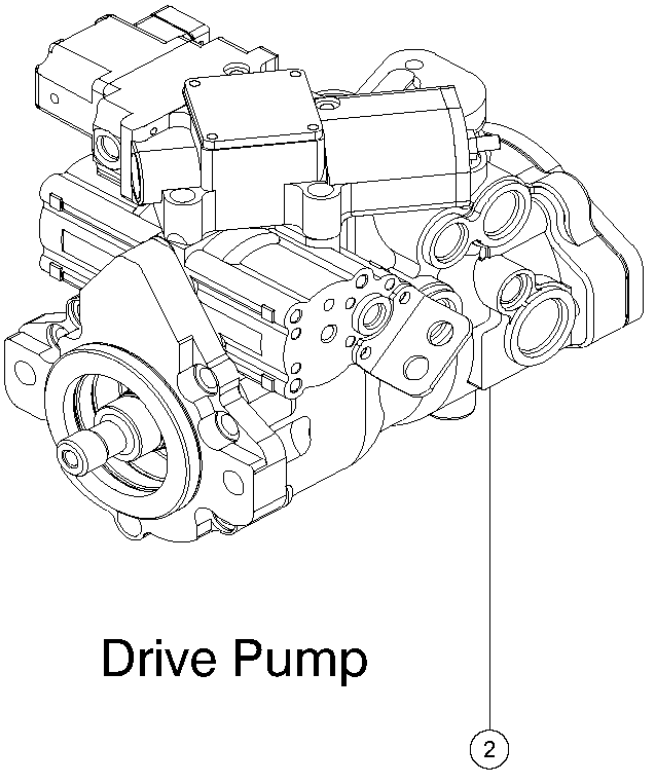
Item	Part No.	Description	Qty.
1	48907GT	ELBOW,45D,520320-4	2
2	48905GT	CONNECTOR, 520120-4	13
3	48916GT	CONN, 520120-6	2
4	49119-3378GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
5	49119-5378GT	HOSE ASSY,1/4,STR FEM,STR FEM*	2
6	49126-2283GT	HOSE ASSY,3/8,45 FEM,STR FEM	1
7	49116-2387GT	HOSE ASSY,1/4,45 FEM,STR FEM	1
8	61259GT	ELBOW,90D,LONG,521520-4	2
9	48904GT	ELBOW, 90D, 520220-4	3
10	48906GT	TEE,RUN,520428-4	2
11	49119-33378GT	HOSE ASSY,1/4,STR FEM,STR FEM to SN 376	1
11-	49119-34378GT	HOSE ASSY,1/4,STR FEM,STR FEM from SN 377	
12	49119-33178GT	HOSE ASSY,1/4,STR FEM,STR FEM to SN 376	1
12-	49119-34178GT	HOSE ASSY,1/4,STR FEM,STR FEM from SN 377	
13	48998GT	NIPPLE,DIAGNOSTIC,#6 PORT***	1
13-	48880GT	CAP,DIAGNOSTIC NIPPLE	
14	48937GT	ELBOW,45D,520320-8	2
15	49119-4178GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
16	49119-12778GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
17	49119-12478GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
18	48933GT	CONN,520120-8***	2
19	1318161-102226 GT	HOSE ASSY, 1/2,STR FEM STR FEM to SN 161	1
19-	106822-101726GT	HOSE ASSY,1/2 STR FEM STR FEM from SN 162 (use until exhausted)	
19B-	1318161-101726 GT	HOSE ASSY, 1/2,STR FEM STR FEM	
20	1318162-67247GT	HOSE ASSY, 1/2,STR FEM STR MALE to SN 376	1
20-	1318162-67047GT	HOSE ASSY, 1/2,STR FEM STR MALE	
21	73772-101592GT	HOSE ASSY,1/2,STR FEM STR FEM	1
22	106819-67613GT	HOSE ASSY,1/2,STR FEM STR MALE to SN 376	1


PLATFORM ROTATOR
PR1
PR2
PLATFORM LEVEL
E
R
Flow Control Manifold
JIB BOOM EXTEND
PRL
PRR
PLU
PLD
Platform Manifold
TEST
P
T
P2
T2
Jib Manifold
JE
JR
JLU
JLD
JD
JU
Function Manifold
P2
T1
High Pressure Filter
BELLCRANK LEVEL
JIB BOOM LIFT
LEGEND
FITTING
HOSE ASSEMBLY
UNION

Item	*Part No.*	*Description*	*Qty.*
22-	106819-67413GT	HOSE ASSY,1/2,STR FEM STR MALE from SN 377	
23	48912GT	CONN,520120-4-6***	2
24	1261517GT	HOSE ASSY,1/4,90 FEM,STR FEM	2
25	81812-2292GT	HOSE ASSY,1/2,STR FEM,STR FEM (Included in kit 1268830)	
26	48948GT	CONN,520120-8-12 (Included in kit 1268830)	
27	48947GT	ELBOW,90D,520220-8-12 (Included in kit 1268830)	
28		KIT, JIB FILTRATION (Refer to 514.1) includes items 25, 26 and 27	

Function Pump

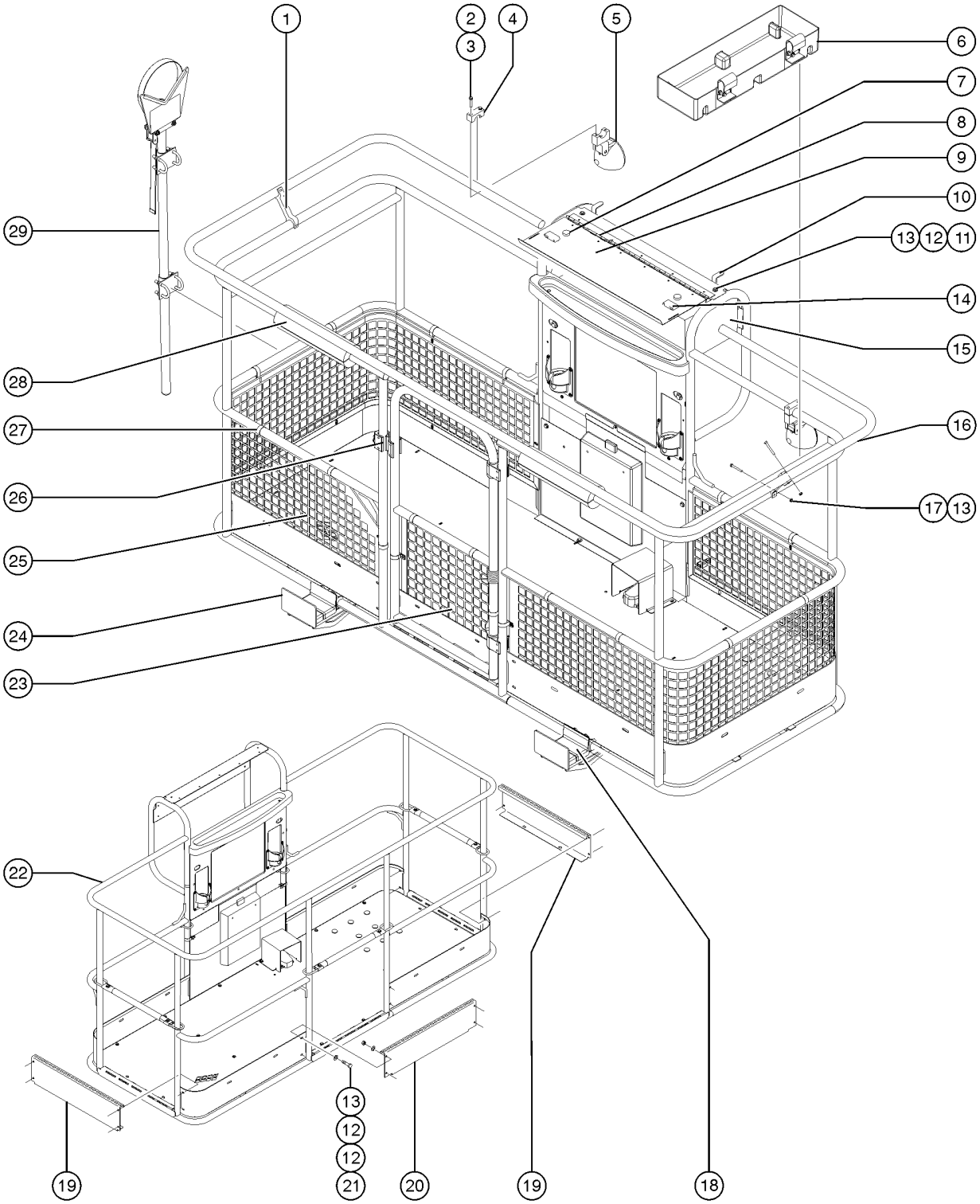




714.1 Pumps

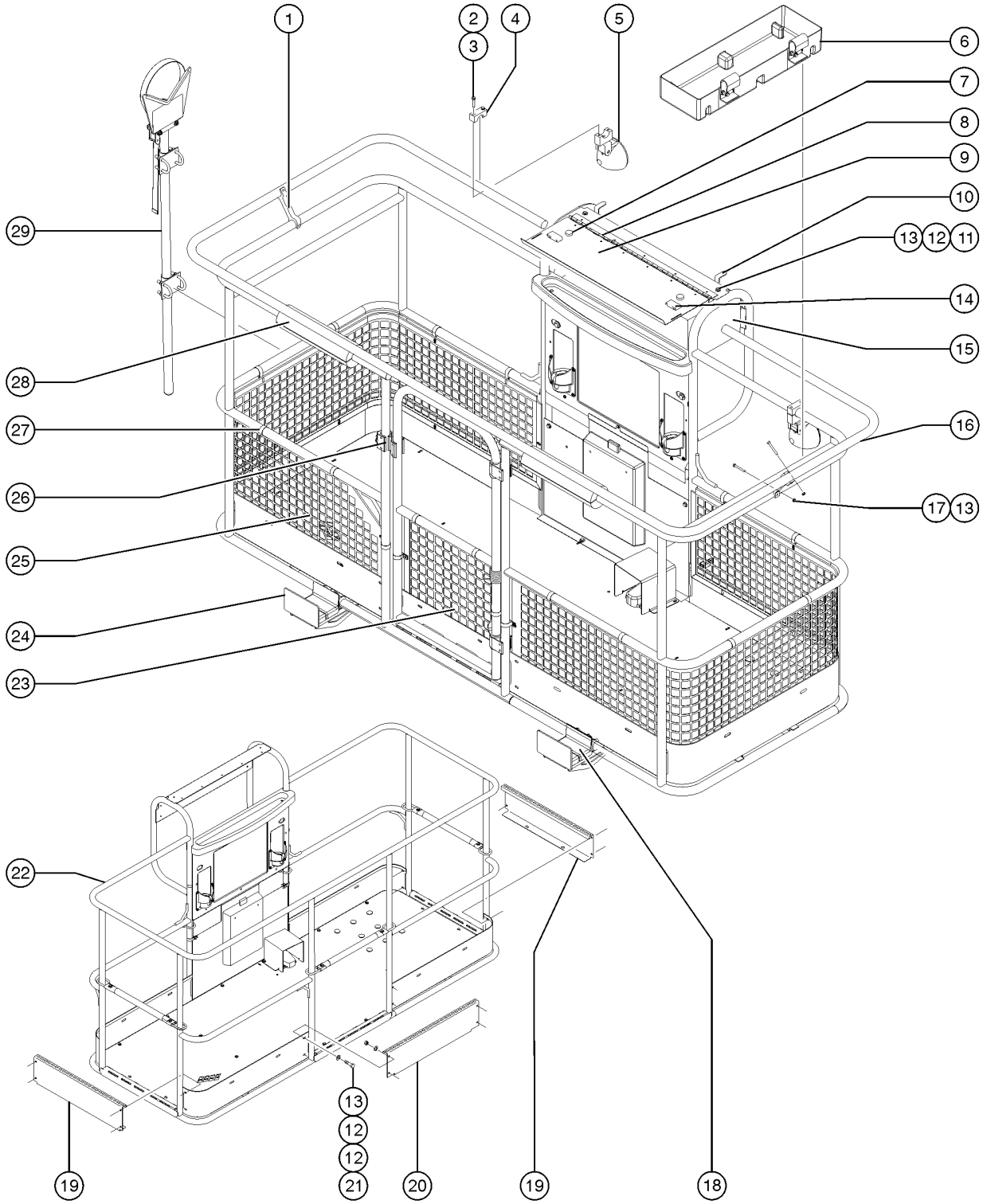
Item	*Part No.*	*Description*	*Qty.*
1	106386GT	PUMP,LIFT,PISTON,45CC	1
1-	122669GT	SEAL KIT	
1-	139339GT	KIT,PUMP CONTROL,PISTON	
2	101068GT	PUMP,PISTON,46CC,B MOUNT,13T**	1
2-	29739GT	SEAL KIT,SAUER-DANFOSS M46***	
2-	77819GT	EDC ASSY,SAUER M46***	
2-	52087GT	O-RING,2-044 BUNA***	

801.1 Platform Accessories



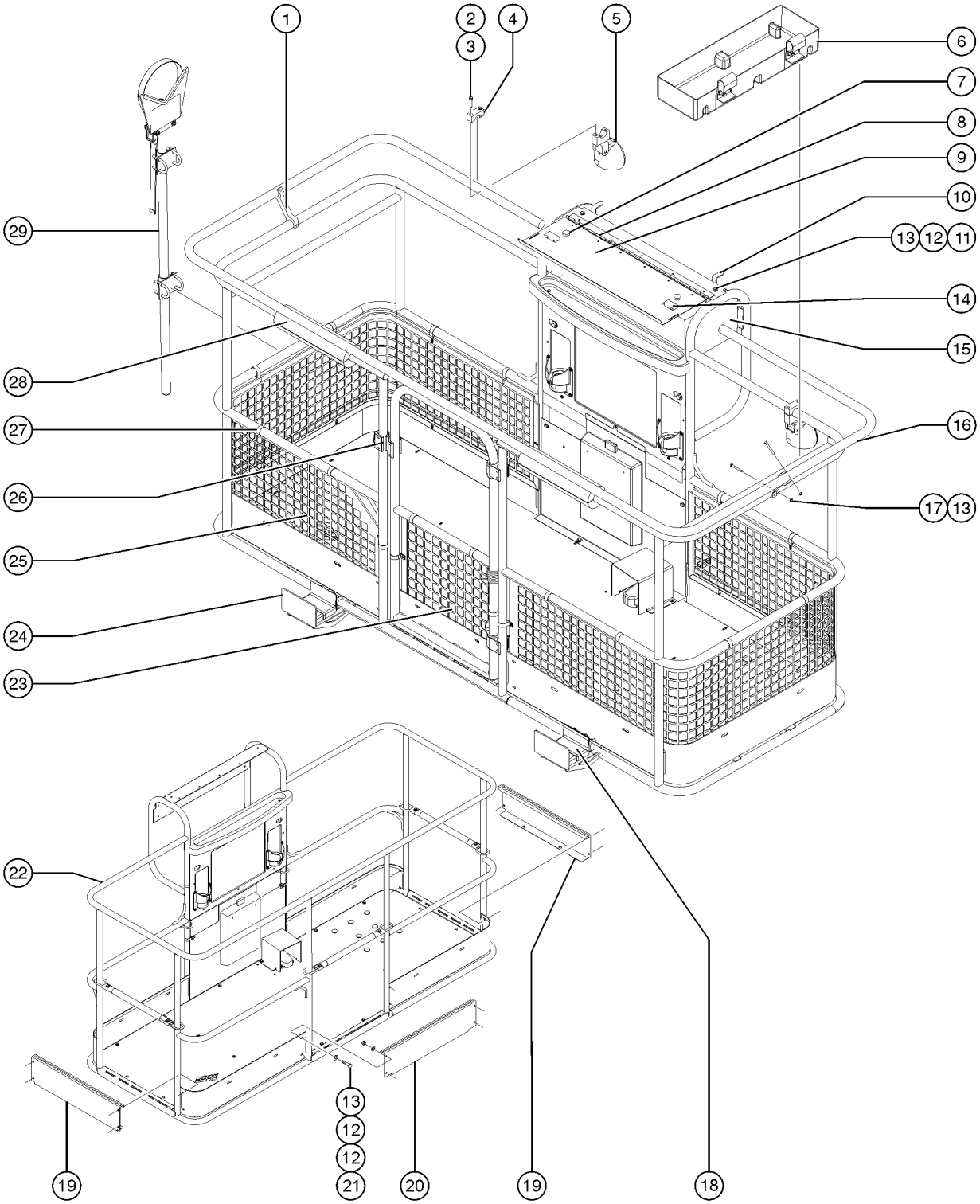
Item	Part No.	Description	Qty.
A-	53808-SGT	AUX TOP RAIL,6'(1.25")SERVICE includes items 1, 13 and 16-17	
B-	53807-SGT	AUX TOP RAIL,8'(1.25")SERVICE includes items 1, 13 and 16-17	
D-	102721PGT	TOEBOARD,8'TRI ENTRY includes items 12, 13, and 19-21	
E-	88609-SGT	CONTROL BOX COVER ASSY*** includes items 8,9, 11-13, 15; to SN 1021	
F-	T109328GT	ACC,PLAT CONTROL COVER, SERV includes items 7-15; from SN 1022	
G-	77683GT	ACCESSORY,PANEL CRADLE,ANSI Includes items 18, 24 and 28 (ANSI models)	
H-	94493-SGT	KIT,PANEL CRADLE,CE Includes items 18, 24 and 28 (CE models)	
1	139958GT	KIT, AUX TOP RAIL SUPPORT to SN 593	10
1-	122073GT	SUPPORT, RAILING from SN 594	
2	6145GT	SCREW, HHC, 1/4-20 X 1.5	
3	6356GT	WASHER, LOCK, .25	
4	35956GT	WORK LIGHT MOUNTING BRACKET	2
5	107857GT	LIGHT, 12 VOLT replaces 34321GT, customers may need to buy a mounting bracket (35956GT) and other hardware for complete install	2
5-	35960GT	BULB,WORKLIGHT,12V 35W	
5A	98027GT	PLATFORM WORKLIGHTS,110V,150W	1
6	9599-SGT	TOOL TRAY ACCESSORY***	1
7	43392GT	BUMPER,BATTERY BOX & RAILS	
8	111526GT	HINGE,PLAT CONTROL BOX COVER	1
9	89915GT	COVER,CONTROL BOX LID (no latch); to SN 1021	1
9-	102785PGT	CONTROL BOX COVER,LID,PTD (with latch); from SN 1022	
10	102786PGT	FORMING,LATCH,CTRL BOX LID PTD from SN 1022	
10-	6888GT	SCREW, HHC, 1/4-20 X 1 not shown (bolts latch 102786 to the cover)	4
11	6090GT	SCREW, HHC, 1/4-20 X .75	4
12	6638GT	WASHER, FLAT, USS, 1/4"Y	
13	6889GT	NUT,LP NYLOCK,1/4-20	
14	30468GT	LATCH,SLIDE, FLUSH MOUNT STYLE from SN 1022	
15	88606PGT	COVER,CONTROL BOX RIGHT SIDE**	1
15-	88607PGT	COVER,CONTROL BOX LEFT SIDE***	

801.1 Platform Accessories



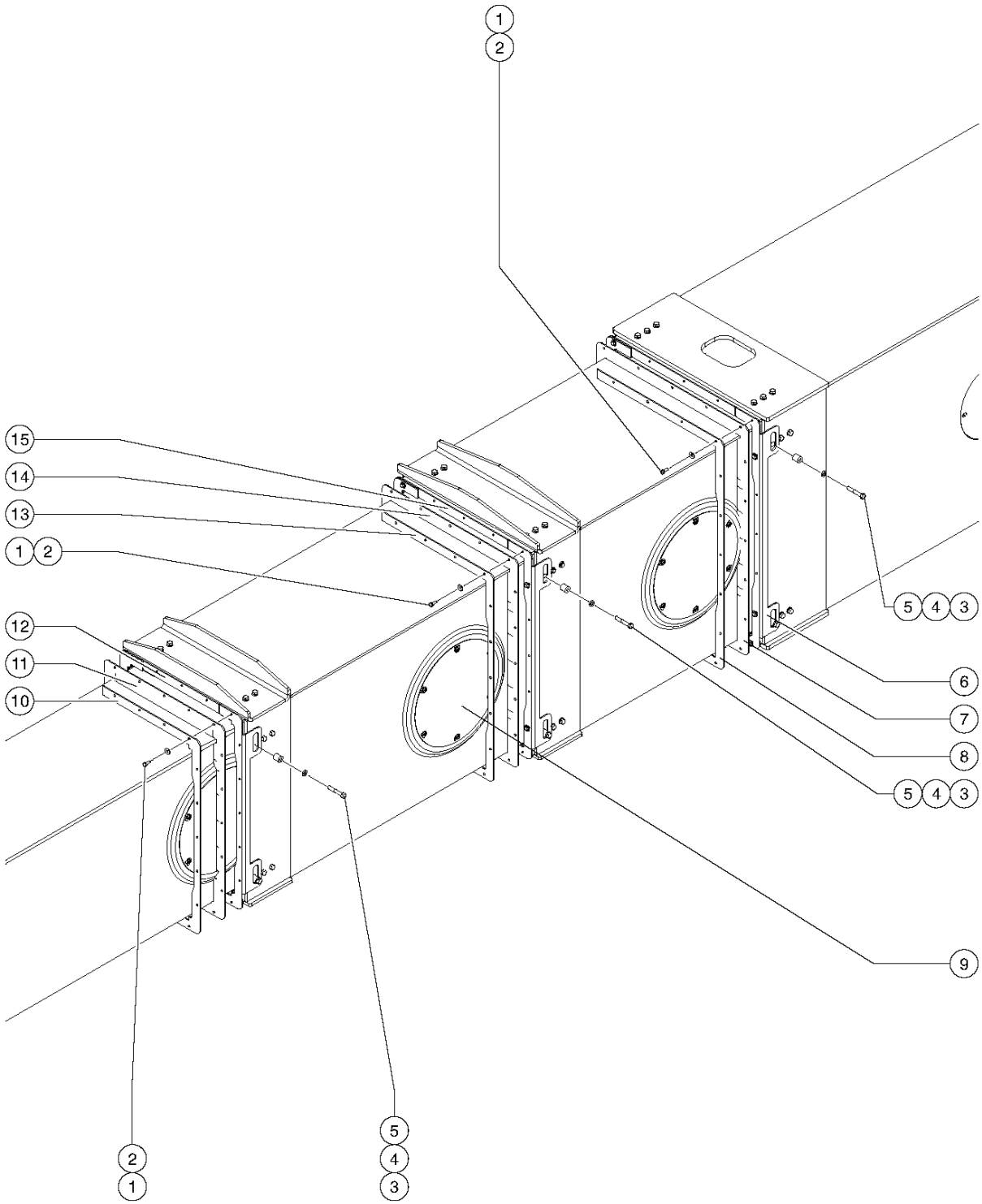
Item	Part No.	Description	Qty.
16	52661GT	PINCH GUARD RAIL,8' PLATFORM**	1
16-	31120GT	PLUG,NYLON 1.187 BLACK DOMED	
17	4266GT	SCREW,HHC,1/4-20 X 2	
18	56934GT	PAD,REST,1"THICK,FLANGED	4
19	102721PGT	TOEBOARD,8'TRI ENTRY	2
19-	139438GT	TOEBOARD, TRI ENTRY 6', EURO	
20	94745PGT	TOEBOARD,ENTRY EUROPEAN PNTD**	1
21	6090GT	SCREW, HHC, 1/4-20 X .75	
22	229359GT	PLAT ASSY, 8'TRI, ANSI W/WORD (complete) with ANSI word decal; to SN 778	
22A-	229360GT	PLAT ASSY, 8'TRI, AUS W/WORD (complete) with Australia word decal; to SN 778	
22B-	229361GT	PLAT ASSY, 8'TRI, ANSI W/SYM (complete) with ANSI symbol decal; to SN 778	
22C-	229362GT	PLAT ASSY, 8'TRI, CE W/SYM (complete) with CE symbol decal; to SN 778	
22D-	229363GT	PLAT ASSY, 8'TRI, ANSI W/WORD (complete) with ANSI word decal; from SN 779	
22E-	229364GT	PLAT ASSY, 8'TRI, AUS W/WORD (complete) with Australia word decal; from SN 779	
22F-	229365GT	PLAT ASSY, 8'TRI, ANSI W/SYM (complete) with ANSI symbol decal; from SN 779	
22G-	229366GT	PLAT ASSY, 8'TRI, CE W/SYM (complete) with CE symbol decal; from SN 779	
23	128368GT	KIT,SWING GATE W/SPRING to SN 382	1
23	1290135GT	KIT,HALF FRONT,SWING GATE	
23-	9596GT	HINGE CASTING Special welding requirements for installation of this component. Strongly suggest ordering 128368 OR contact Genie Service for welding requirements.	
23B-	128374GT	WELDMENT,SWING GATE,ALUMINUM from SN 383	
23C-	1488GT	RAILING CATCH CASTING--DRILLED	
23D-	1487GT	GATE LATCH CASTING--DRILLED	
23E-	33674GT	PIN,LOCK,SHORT***	
23F-	42104GT	SPRING,SHORT PLATFORM GATE	
23G-	43392GT	BUMPER,BATTERY BOX & RAILS	
24		BRACKET BASE ASSEMBLY 89724 is no longer available. Must install 2 each (two) of service kit 233992 (ANSI) or 233993 (CE) for initial replacement.	
24-	233992GT	KIT,PANEL CRADEL BRACKET,WORD (ANSI models)	1

801.1 Platform Accessories



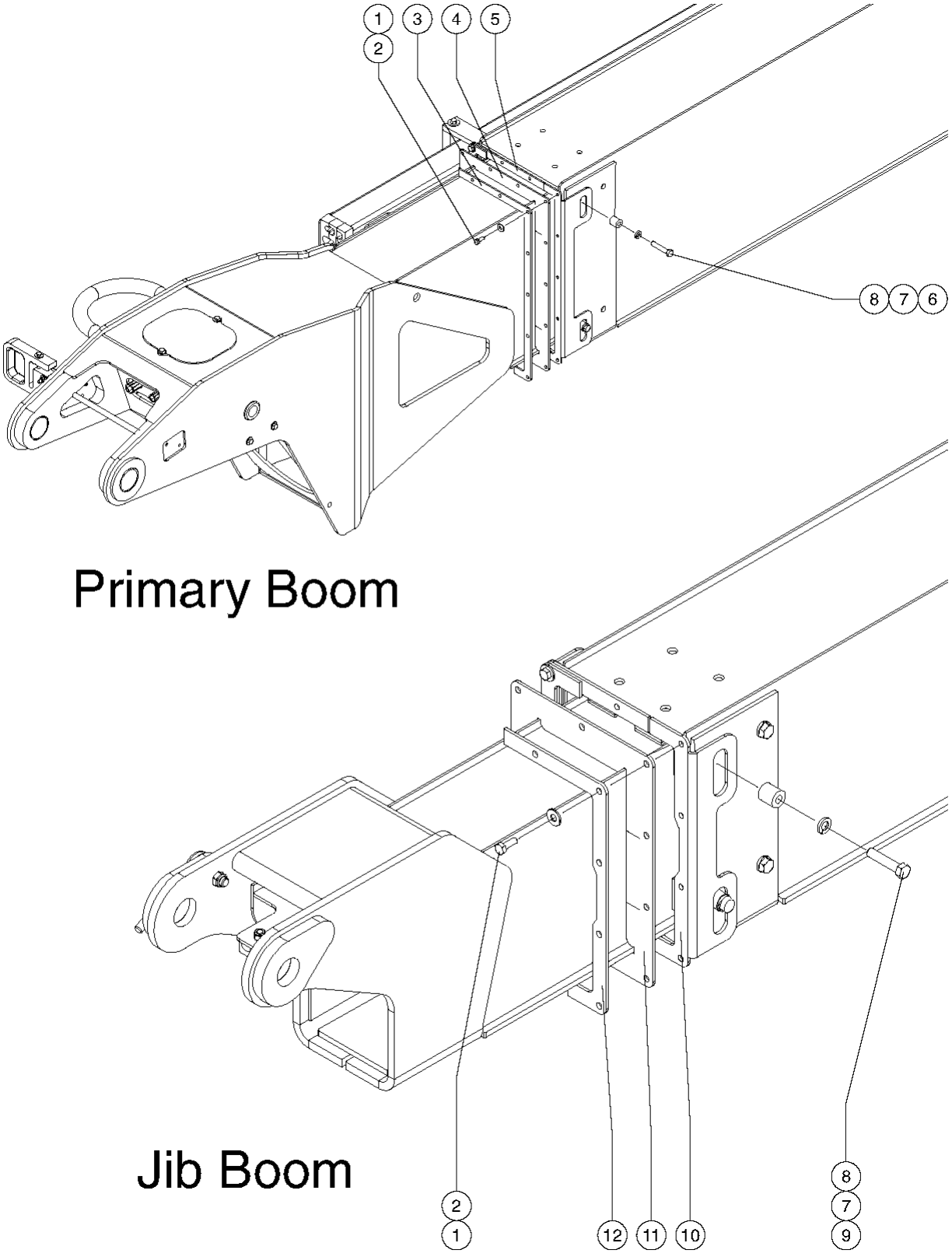
Item	*Part No.*	*Description*	*Qty.*
24-	233993GT	KIT,PANEL CRADLE BRACKET,SYMBL (CE models)	1
25	73501GT	HALF MESH,8'PLATFORM,LH	1
25-	73500GT	HALF MESH,8'PLATFORM,RH***	
25-	54457GT	MESH,HALF,SWING GATE***	
26	1487GT	GATE LATCH CASTING--DRILLED	1
26-	63311GT	SNAP PIN	
27	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	14
28	88377GT	FOAM PAD, 3" OD X 1.25" ID,STR	2
29	85300GT	PIPE CRADLE ASSY. SERV (ONE)**	2

802.1 Hostile Enviroment Option - Secondary Boom Wipers



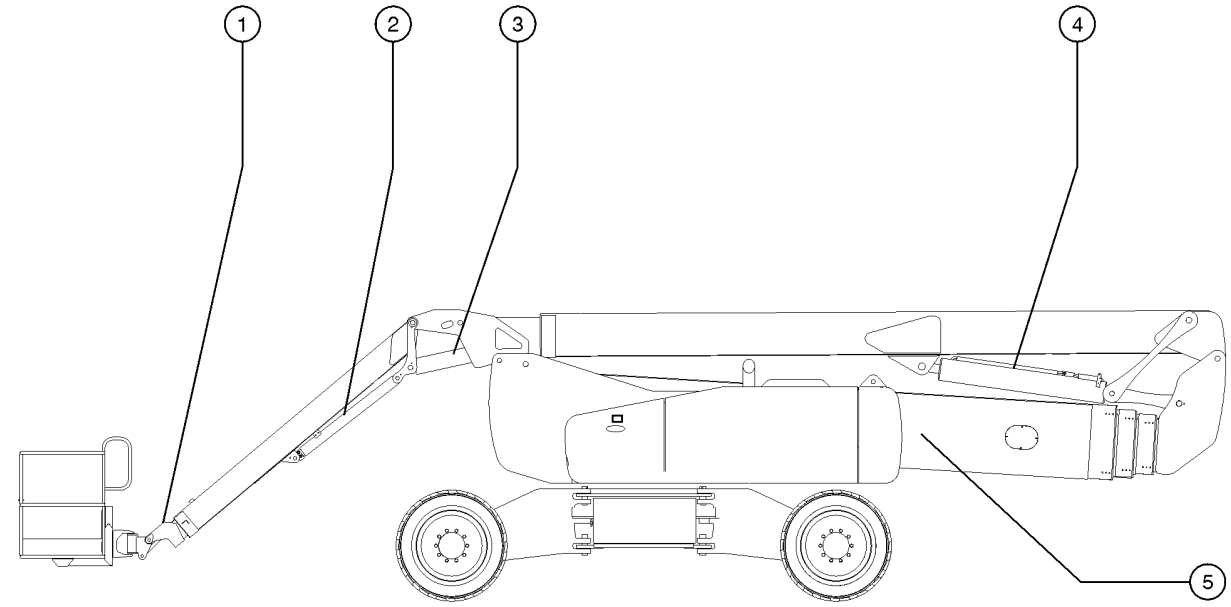
Item	Part No.	Description	Qty.
1	6090GT	SCREW, HHC, 1/4-20 X .75	
2	6638GT	WASHER, FLAT, USS, 1/4"Y	
3	6708GT	SCREW,HHC,3/8-16 X 2.25	
4	6021GT	WASHER, LOCK, .375	
5	101932GT	TUBE, RD., STL., DOM .75 X .437 X .78	12
6	101733GT	BRACKET,WIPER #1 TO #2	2
7	106145GT	WIPER,#1 TO #2	1
8	101734GT	PLATE,WIPER BACKING #1 TO #2	2
9	106105GT	COVER,RISER SIDE HOLES	46
9-	53189GT	RIVET,ALUM,ALUM,P,.25X.375 Sold separately (6 each per cover, holds cover 106105 in place)	276
9-	106106GT	CLIP, RISER SIDE HOLE Sold separately (6 each per cover, holds cover 106105 in place)	276
10	101740PGT	PLATE,WIPER BACKING #3TO#4 PTD	2
11	101738GT	WIPER,#3 TO #4	1
12	101739PGT	BRACKET,WIPER #3 TO #4 PAINTED	2
13	101737GT	PLATE,WIPER BACKING #2 TO #3	2
14	101735GT	WIPER,#2 TO #3	1
15	101736GT	BRACKET,WIPER #2 TO #3	2

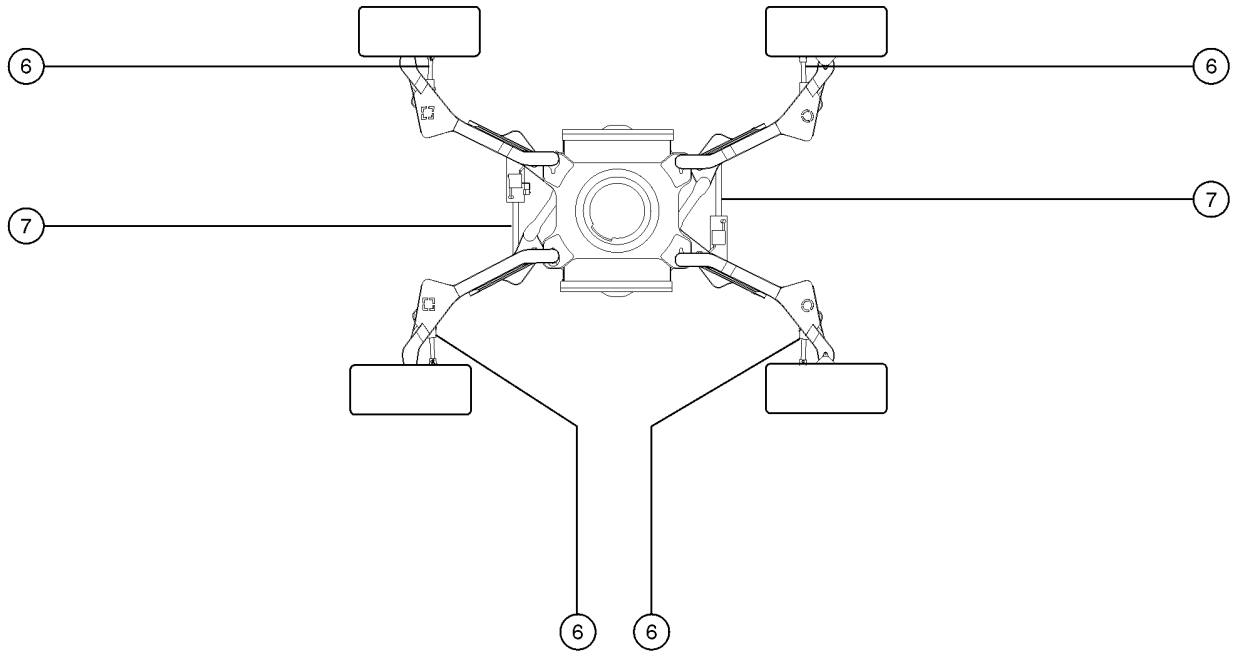
802.2 Hostile Enviroment Option - Primary and Jib Boom Wipers, Cable Track Covers



Item	*Part No.*	*Description*	*Qty.*
A-	106161GT	COVER,CABLE TRACK,15 LINK	
B-	106162GT	COVER,CABLE TRACK,27 LINK	
C-	106733GT	COVER,CABLE TRACK,11 LINK	
1	6090GT	SCREW, HHC, 1/4-20 X .75	
2	6638GT	WASHER, FLAT, USS, 1/4"Y	
3	101743PGT	PLATE,WIPER BACKING PRI.EXT.P	2
4	101741GT	WIPER,PRI.-PRI EXT.	1
5	101742PGT	BRACKET,WIPER PRI-PRI EXT.PTD	2
6	5224GT	SCREW,HHC,3/8-16 X 2	
7	6021GT	WASHER, LOCK, .375	
8	101932GT	TUBE, RD., STL., DOM .75 X .437 X .78	8
9	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	
10	101745GT	BRACKET,WIPER JIB-JIB EXT.	2
11	101744GT	WIPER, JIB-JIB EXTENSION	1
12	101746GT	BRACKET,WIPER BACKING JIB EXT.	2

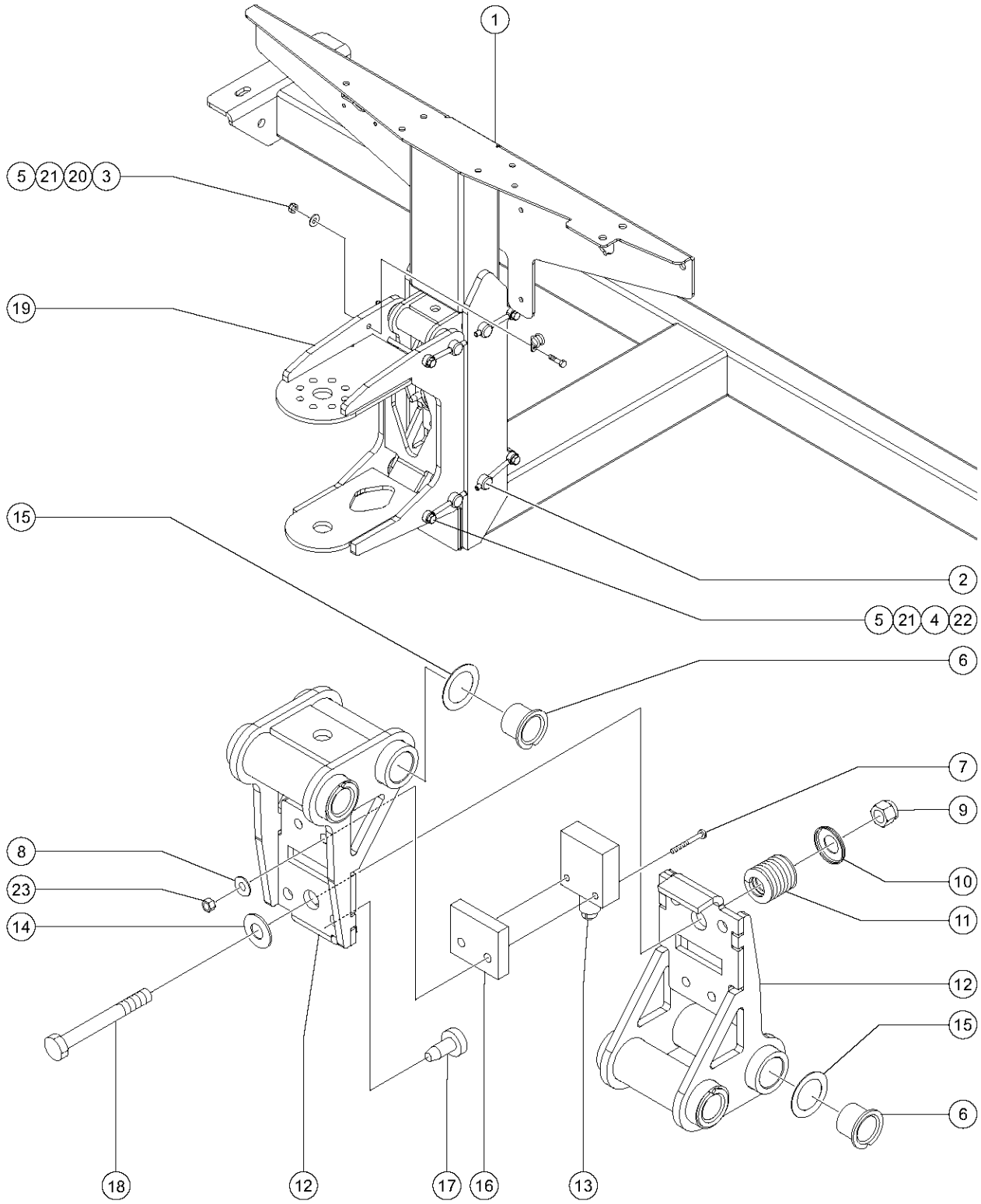
803.1 Hostile Enviroment Option - Bellows Installation





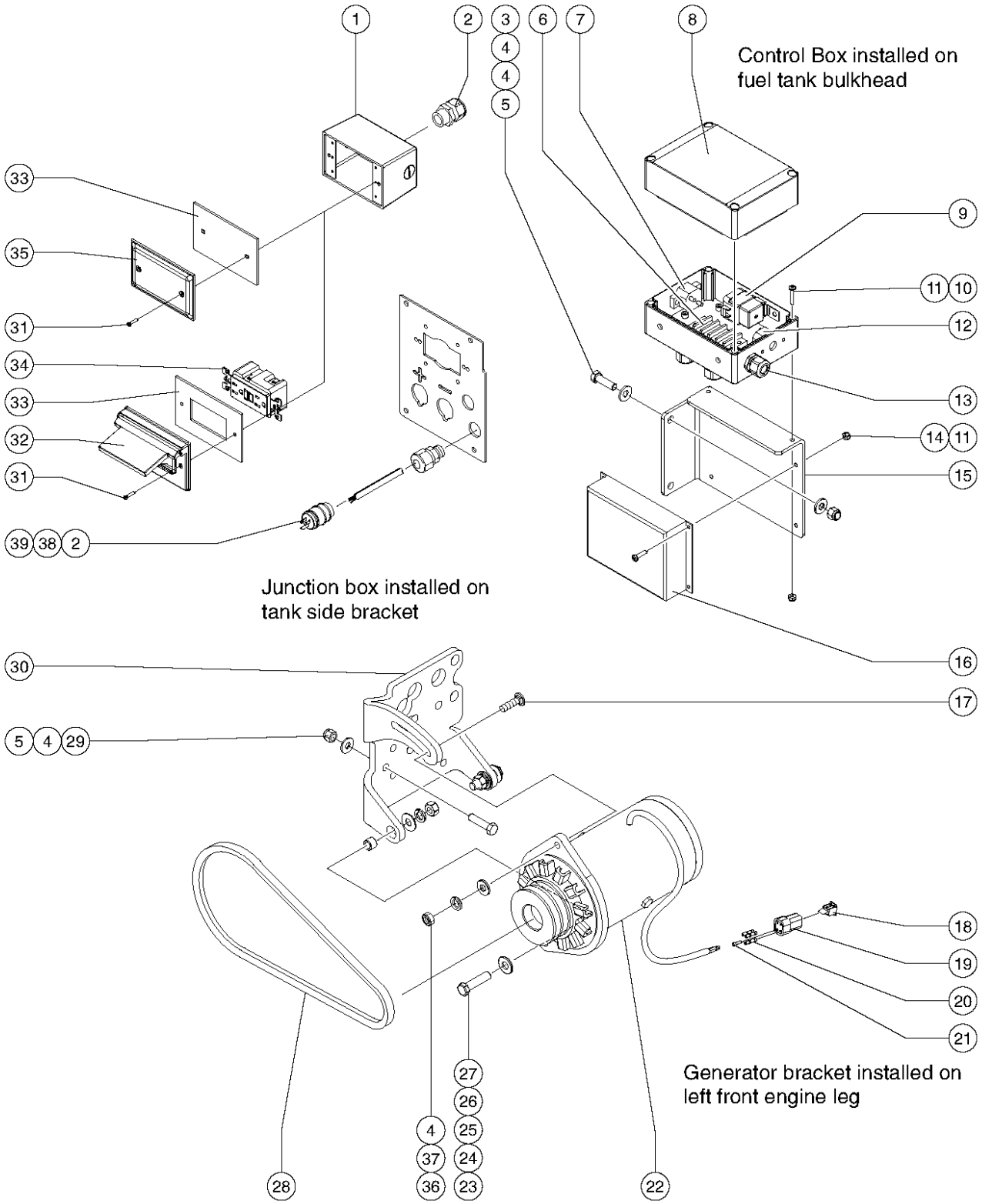
Item	Part No.	Description	Qty.
1	101810GT	BELLOWS,CYL,PLATFORM LEVEL***	1
1-	30971GT	CLAMP,HOSE,3.00"	
1-	36208GT	CLAMP,HOSE,1.25***	
2	101846GT	BELLOWS,JIB LIFT CYLINDER***	1
2-	34955GT	CLAMP, HOSE, 5.00	
2-	34955GT	CLAMP, HOSE, 5.00	
3	106732GT	BELLOWS,BELLCRANK LEVEL CYL***	1
3-	35432GT	CLAMP,HOSE,6.50	
3-	30971GT	CLAMP,HOSE,3.00"	
4	101847GT	BELLOWS,PRIMARY LIFT CYLINDER	1
4-	31523GT	CLAMP,HOSE,8.50 DIA***	
4-	30489GT	CLAMP,HOSE,3.50	
5	106182GT	BELLOWS,RISER LIFT CYLINDER***	1
5-	31523GT	CLAMP,HOSE,8.50 DIA***	
5-	35432GT	CLAMP,HOSE,6.50	
6	60627GT	COVER,PROTECTIVE,STEER CYL***	4
6-	22672GT	CLAMP,HOSE,1.75	
6-	30489GT	CLAMP,HOSE,3.50	
7	106007GT	BELLOWS,AXLE EXTEND CYLINDER**	2
7-	35432GT	CLAMP,HOSE,6.50	
7-	35434GT	CLAMP,HOSE,2.00***	

804.1 Load Sense



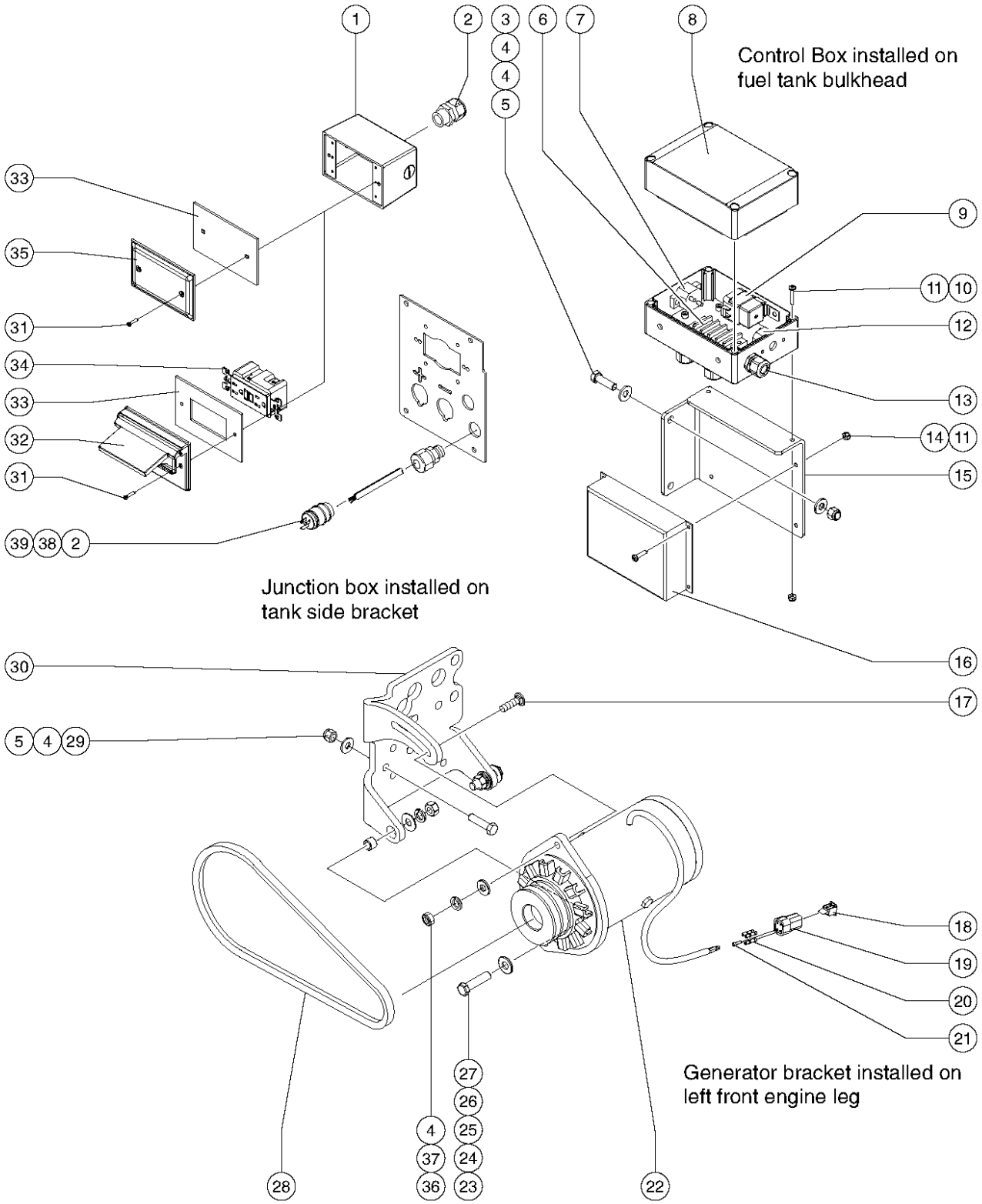
Item	Part No.	Description	Qty.
1	61997GT	WELDMENT,PLATFORM SUPPORT,CE CE models	1
2	61726GT	PIN,0.75DIAX5.75LG,CHAMFER	4
2-	94643GT	ZERK,GREASE,5/16-24,STRAIT	
3	6888GT	SCREW, HHC, 1/4-20 X 1	
4	825020GT	ROD END, .25 X 2.75, ZAG	
5	6091GT	NUT,NYLOCK,1/4-20	
6	25685GT	BEARING,GARLOCK,12FDU12	8
7	73634GT	SCREW,PHIL,PHM,10-24X1.5 ZINC	
8	6146GT	WASHER,FLAT,MS,#10,Y	
9	4828GT	NUT, NYLOCK, 3/8-16	
10	61977GT	RETAINER,SPRING,1.46 X .375	1
11	61976GT	SPRING,COMP,1-1/4"OD 352 LB/IN	1
12	89755GT	LOAD SUPPORT W/BEARINGS includes items 6 & 15	2
13	101441GT	HARN,LS,PLUNGER,LOAD LIMIT to SN 1711	1
13-	146399GT	ASSY, LS, LOAD SENSE, ALC1000 from SN 1712	
14	6097GT	WASHER, FLAT, USS, 3/8", Y	
15	110789GT	WASHER,SHIM .0151 THK.	as-needed
16	61972GT	MOUNT,SWITCH	1
17	34619GT	BUMPER,RUBBER***	2
18	21604GT	SCREW,HHC,3/8-16 X 3.25	
19	61804GT	WELDMENT,ROTATOR SUPPORT	1
20	45470GT	CLAMP,0.31,#5 X 1/4,RUB CUSH	1
21	6638GT	WASHER, FLAT, USS, 1/4"Y	
22	8915GT	SCREW, HHC, 1/4-20 X 1.25	
23	5365GT	NUT,NYLOCK,10-24	

805.1 Belt Driven Generator, Deutz Models



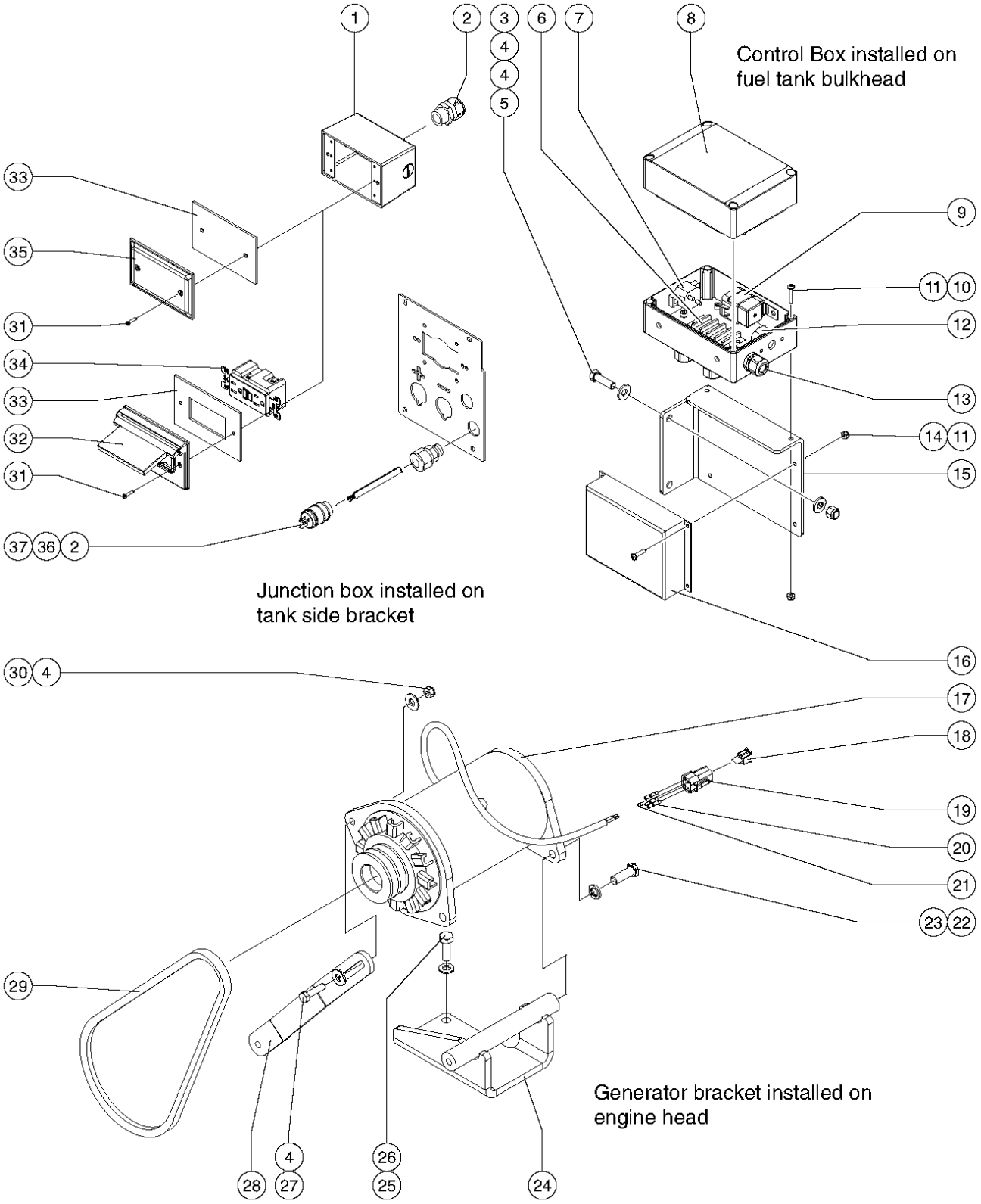
Item	Part No.	Description	Qty.
A-	98016-SGT	GENERATOR,3500W W/REG-DEUTZ	
B-	98013-SGT	GENERATOR,3000W 220/50-DEUTZ	
C-	101189GT	HARNESS,BD GEN.110V/60HZ, Z135 includes items 7-14	
D-	101190GT	HARNESS,BD GEN.220V/50HZ, Z135 includes items 7-14	
1	75069GT	T-BOX 2.75 X 4.5 X 2.5	1
2	7057GT	CONN. SQZ,1/2NPT .39-.56 MED.	1
3	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
4	5397GT	WASHER, FLAT, USS, 5/16-18	
5	4828GT	NUT, NYLOCK, 3/8-16	
6	69776GT	TERMINAL,STRIP,4-POLE,600V***	1
7	60887GT	CIRCUIT BREAKER, 30 AMP	1
8	8425GT	ENCLOSURE,FG ELEC.,STOCK,7X5X4	1
9	60521GT	RELAY,SEALED 30/40 AMP	1
10	75041GT	SCREW,PHILLIPS,PHM,10-32 X 1	
11	6178GT	NUT, NYLOCK, 10-32	
12	61195GT	CIRCUIT BREAKER, 12.5 AMP	1
13	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	1
14	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	
15	107528PGT	BRACKET,GENERATOR BOX MOUNT	1
16	60738GT	VOLTAGE REGULATOR,110V	1
16-	60739GT	VOLTAGE REGULATOR,220V	
17	60790GT	BOLT,CARRIAGE,3/8-16 X1.50,G5	
18	60528GT	LOCK,PLUG 4 WAY,12-14GA***	1
19	60527GT	CONN, PLUG, 4 WAY, DEUTSCH, DTP	1
20	73712GT	CONN,RECEP 4 WAY,12-14GA FL***	3
21	60757GT	PLUG, SEAL, 12-18GA	1
22A	60707GT	GENERATOR,3500W,120V,60HZ**	1
22A-	146062GT	PULLY,GNRTR,120V,60HZ(60707) for 60707 generator	

805.1 Belt Driven Generator, Deutz Models



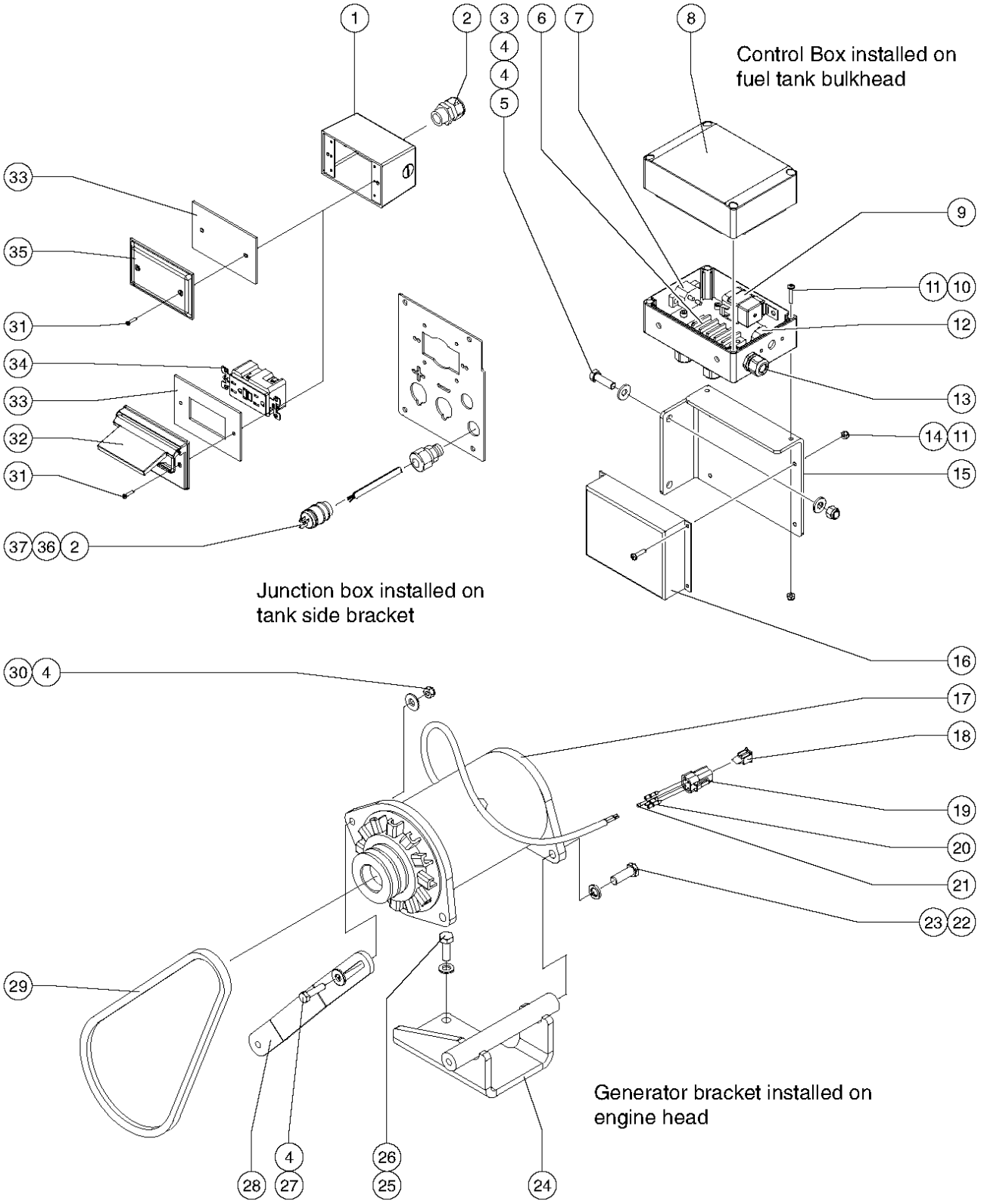
Item	Part No.	Description	Qty.
22B	89908GT	GENERATOR,3000W,220V,50HZ***	
22B-	102681GT	PULLY, GNRTR,220V,50HZ(89908) for 89908 generator	
23	81852GT	SCREW,HHC,7/16-14 X 1.75	
24	45400GT	SPACER TUBE,.50 LG	1
25	6097GT	WASHER, FLAT, USS, 3/8", Y	
26	20912GT	WASHER,LOCK,.437,PLTD	
27	6083GT	NUT,HEX,7/16-14	
28	70397GT	BELT,AX34***	1
29	8516GT	SCREW, HCC, 3/8-16 X 1.50	
30	119533PGT	FORMING,GENERATOR MOUNT,PTD	1
31	63375GT	SCREW, FHM, 6-32 X .75	
32	74006GT	COVER,GFCI,HORIZONTAL,WEATHER	1
33	74052GT	GASKET,COVER,GFCI,WEATHERPROOF	1
34	13585GT	OUTLET, 110V	1
35	10777GT	COVER,BLANK	1
36	4828GT	NUT, NYLOCK, 3/8-16	
37	6021GT	WASHER, LOCK, .375	
38		Ref. Power to Platform Harness, Secondary (refer to section 308.1)	1
39	119403GT	CONN,PLUG 120 AC/15A DOMESTIC	1
39-	119404GT	CONN,RECEP 120AC/15A DOMESTIC	
39-	144161GT	PLUG,PWR,UK,16AMP,3PIN,BLK	
39-	1280665GT	PLUG, TYPE F, 230A, 50HZ, 16A, IP44	
39-	25388GT	PLUG,FUSED,250V,13AMP,U.K.**	
39-		FUSE,13 AMP,220V PLUG (component no longer available) refer to BS1362 BUSS TDC180-13A	1

806.1 Belt Driven Generator, Cummins Models



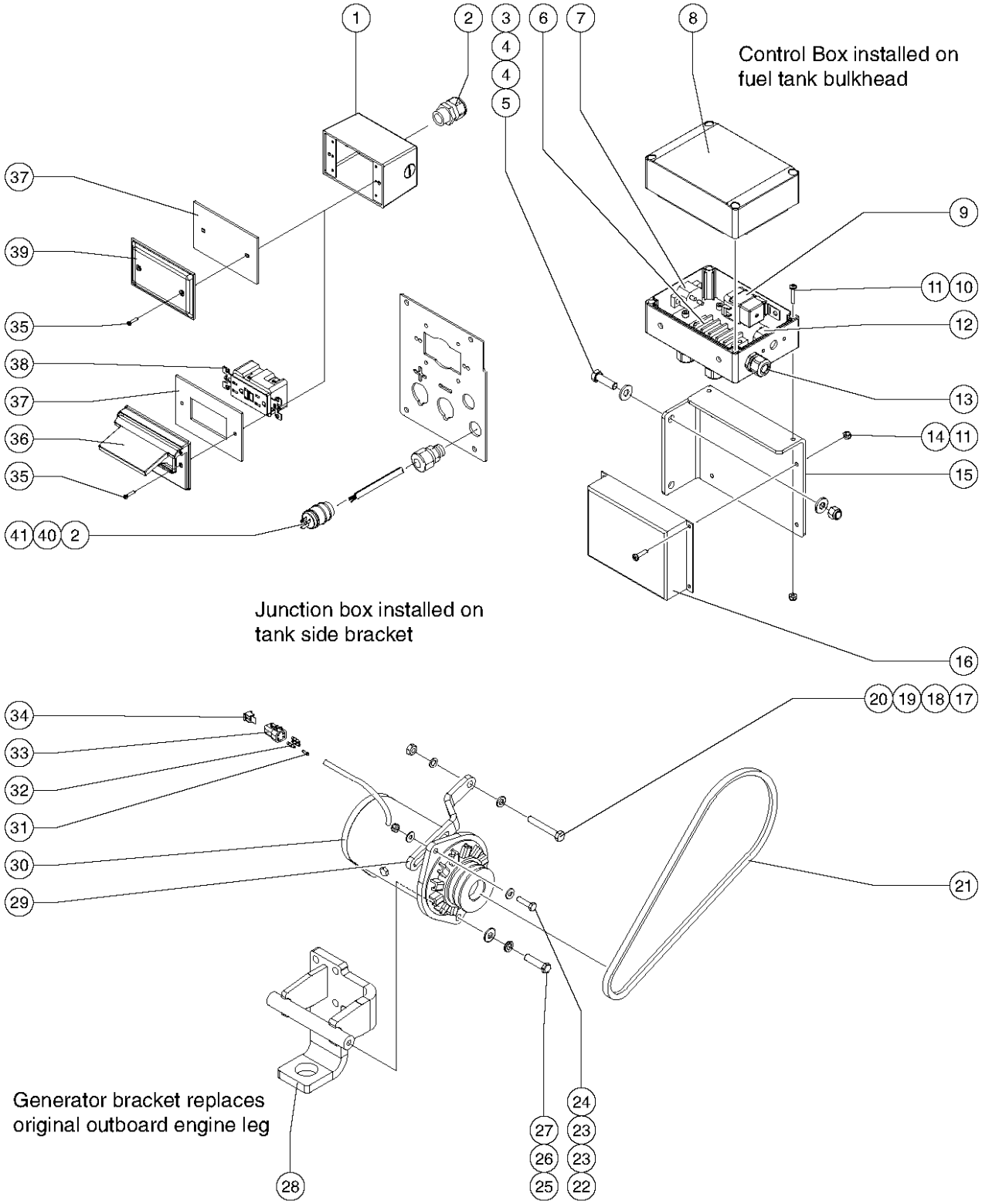
Item	Part No.	Description	Qty.
A-	98018GT	GENERATOR,3500W W/REG-CUMMINS	
B-	99015GT	CUTTING DISC-3"	
C-	101189GT	HARNESS,BD GEN.110V/60HZ, Z135 includes items 7-14	
D-	101190GT	HARNESS,BD GEN.220V/50HZ, Z135 includes items 7-14	
1	75069GT	T-BOX 2.75 X 4.5 X 2.5	1
2	7057GT	CONN. SQZ,1/2NPT .39-.56 MED.	1
3	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
4	5397GT	WASHER, FLAT, USS, 5/16-18	
5	4828GT	NUT, NYLOCK, 3/8-16	
6	69776GT	TERMINAL,STRIP,4-POLE,600V***	1
7	60887GT	CIRCUIT BREAKER, 30 AMP	1
8	8425GT	ENCLOSURE,FG ELEC.,STOCK,7X5X4	1
9	60521GT	RELAY,SEALED 30/40 AMP	1
10	75041GT	SCREW,PHILLIPS,PHM,10-32 X 1	
11	6178GT	NUT, NYLOCK, 10-32	
12	61195GT	CIRCUIT BREAKER, 12.5 AMP	1
13	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	1
14	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	
15	107528PGT	BRACKET,GENERATOR BOX MOUNT	1
16	60738GT	VOLTAGE REGULATOR,110V	1
16-	60739GT	VOLTAGE REGULATOR,220V	
17A	60707GT	GENERATOR,3500W,120V,60HZ**	1
17A-	146062GT	PULLY,GNRTR,120V,60HZ(60707) for 60707 generator	
17B	89908GT	GENERATOR,3000W,220V,50HZ***	
17B-	102681GT	PULLY, GNRTR,220V,50HZ(89908) for 89908 generator	
18	60528GT	LOCK,PLUG 4 WAY,12-14GA***	1
19	60527GT	CONN, PLUG, 4 WAY, DEUTSCH, DTP	1
20	73712GT	CONN,RECEP 4 WAY,12-14GA FL***	3

806.1 Belt Driven Generator, Cummins Models



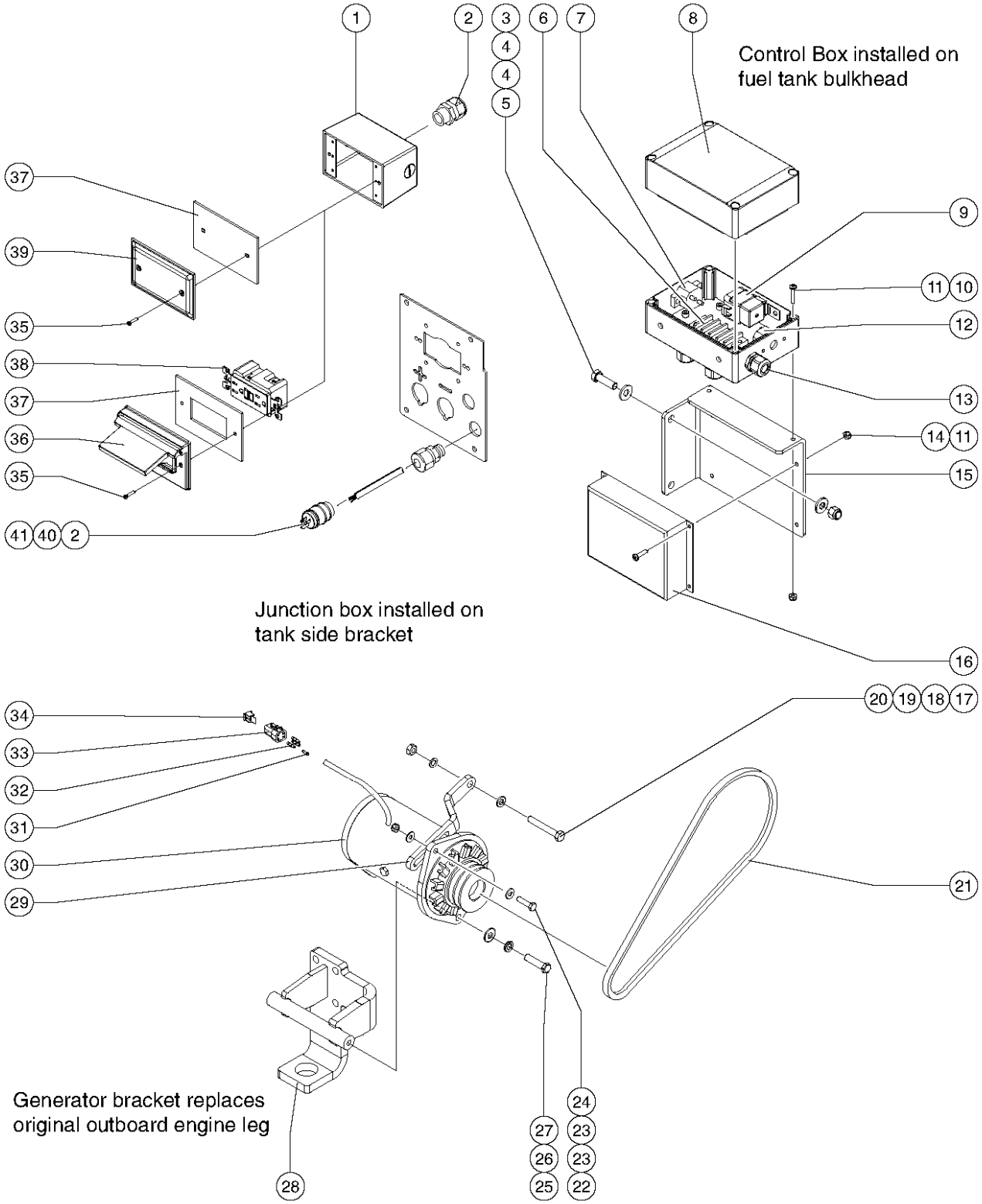
Item	Part No.	Description	Qty.
21	60757GT	PLUG, SEAL, 12-18GA	1
22	88296GT	SCREW,HHC,7/16-14 X 1.25	
23	20912GT	WASHER,LOCK,.437,PLTD	
24	101667GT	WELDMENT,GENERATOR	1
25	44064GT	SCREW,HHC,M10 X 30MM,	
26	22699GT	WASHER, FLAT, M10, ZINC PLTD.	
27	13000GT	SCREW,HHC,5/16-18 X 1.25	
28	101668GT	BRACKET,GENERATOR ADJUSTER	1
29	107547GT	BELT,AX40	1
30	6782GT	NUT, NYLOCK, 5/16-18	
31	63375GT	SCREW, FHM, 6-32 X .75	
32	74006GT	COVER,GFCI,HORIZONTAL,WEATHER	1
33	74052GT	GASKET,COVER,GFCI,WEATHERPROOF	1
34	13585GT	OUTLET, 110V	1
35	10777GT	COVER,BLANK	1
36		Ref. Power to Platform Harness, Secondary (refer to section 303.1)	1
37	119403GT	CONN,PLUG 120 AC/15A DOMESTIC	1
37-	119404GT	CONN,RECEP 120AC/15A DOMESTIC	
37-	144161GT	PLUG,PWR,UK,16AMP,3PIN,BLK	
37-	1280665GT	PLUG, TYPE F, 230A, 50HZ, 16A, IP44	
37-	25388GT	PLUG,FUSED,250V,13AMP,U.K.**	
37-		FUSE,13 AMP,220V PLUG (component no longer available) refer to BS1362 BUSS TDC180-13A	1

807.1 Belt Driven Generator,Perkins Models



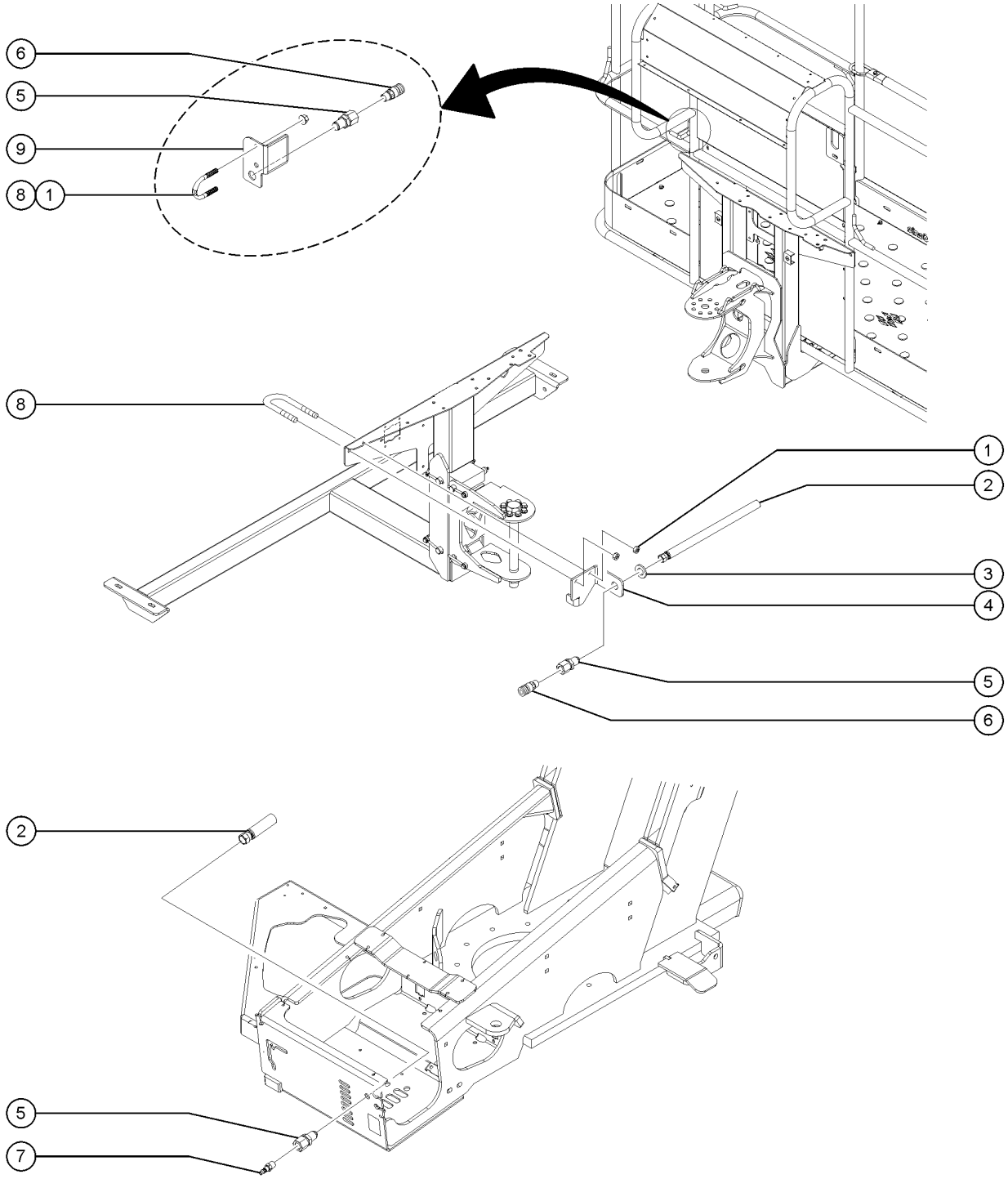
Item	Part No.	Description	Qty.
A-	98017GT	GENERATOR,3500W W/REG-PERKINS	
B-	98014GT	GENERATOR,3000W 220/50-PERKINS	
C-	101189GT	HARNESS,BD GEN.110V/60HZ, Z135 includes items 7-14	
D-	101190GT	HARNESS,BD GEN.220V/50HZ, Z135 includes items 7-14	
1	75069GT	T-BOX 2.75 X 4.5 X 2.5	1
2	7057GT	CONN. SQZ,1/2NPT .39-.56 MED.	1
3	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
4	5397GT	WASHER, FLAT, USS, 5/16-18	
5	4828GT	NUT, NYLOCK, 3/8-16	
6	69776GT	TERMINAL,STRIP,4-POLE,600V***	1
7	60887GT	CIRCUIT BREAKER, 30 AMP	1
8	8425GT	ENCLOSURE,FG ELEC.,STOCK,7X5X4	1
9	60521GT	RELAY,SEALED 30/40 AMP	1
10	75041GT	SCREW,PHILLIPS,PHM,10-32 X 1	
11	6178GT	NUT, NYLOCK, 10-32	
12	61195GT	CIRCUIT BREAKER, 12.5 AMP	1
13	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	1
14	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	
15	107528PGT	BRACKET,GENERATOR BOX MOUNT	1
16	60738GT	VOLTAGE REGULATOR,110V	1
16-	60739GT	VOLTAGE REGULATOR,220V	
17	85053GT	SCREW,HHC,M10 X 1.5 X70,GR 8.8	
18	22699GT	WASHER, FLAT, M10, ZINC PLTD.	
19	22700GT	WASHER,LOCK,M10	
20	59680GT	NUT,HEX M10-1.5	
21	70545GT	BELT,AX42	1
22	13000GT	SCREW,HHC,5/16-18 X 1.25	
23	6638GT	WASHER, FLAT, USS, 1/4"Y	

807.1 Belt Driven Generator,Perkins Models



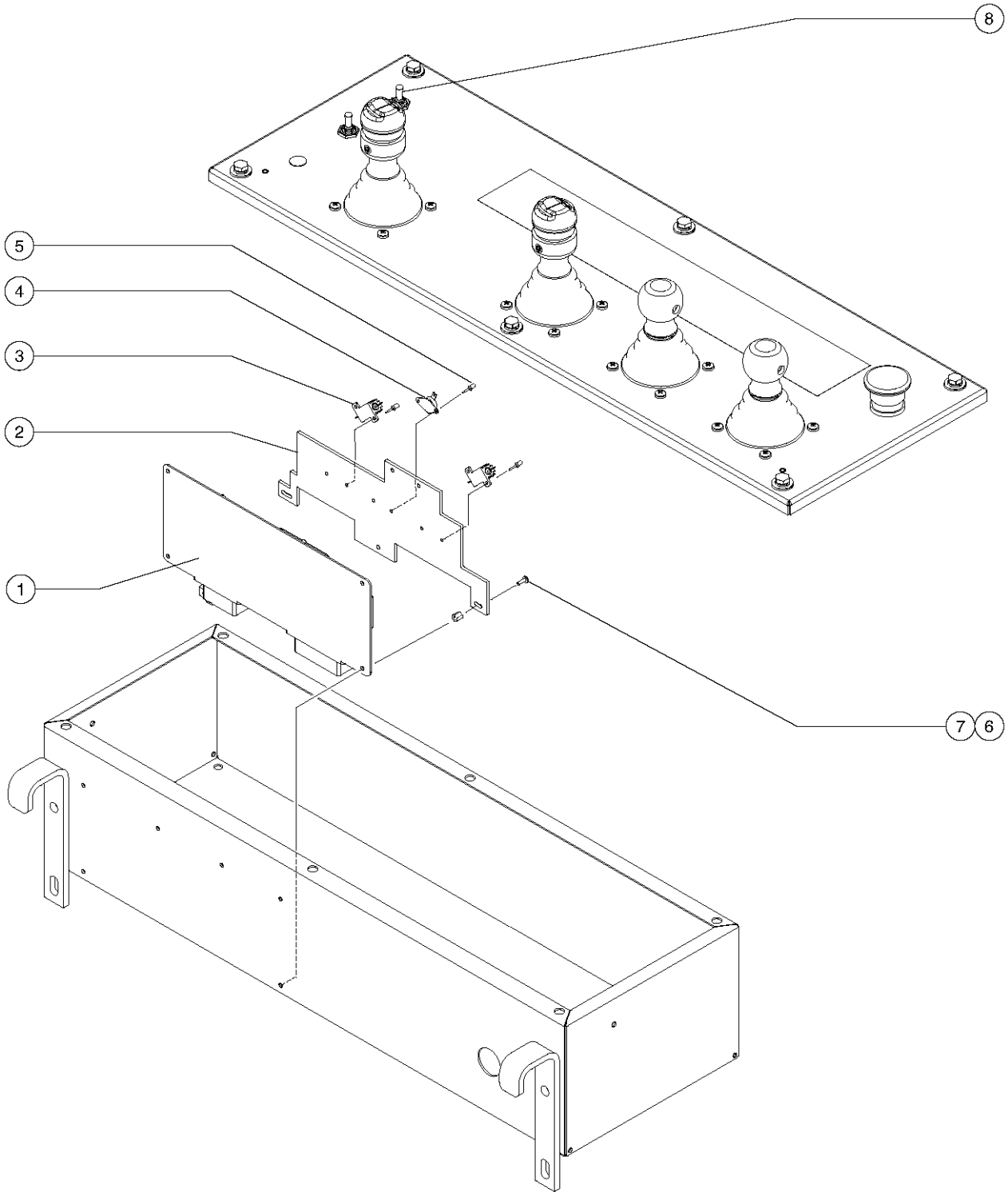
Item	Part No.	Description	Qty.
24	6782GT	NUT, NYLOCK, 5/16-18	
25	81852GT	SCREW,HHC,7/16-14 X 1.75	
26	20912GT	WASHER,LOCK,.437,PLTD	
27	11209GT	WASHER,FLAT,USS,7/16",Y	
28	101653GT	WELDMENT,GENERATOR MOUNT	1
29	101654PGT	BRACKET,GENERATOR ADJUSTER PNT	1
30A	60707GT	GENERATOR,3500W,120V,60HZ**	1
30A-	146062GT	PULLY,GNRTR,120V,60HZ(60707) for 60707 generator	
30B	89908GT	GENERATOR,3000W,220V,50HZ***	
30B-	102681GT	PULLY, GNRTR,220V,50HZ(89908) for 89908 generator	
31	60757GT	PLUG, SEAL, 12-18GA	1
32	73712GT	CONN,RECEP 4 WAY,12-14GA FL***	3
33	60527GT	CONN, PLUG, 4 WAY, DEUTSCH, DTP	1
34	60528GT	LOCK,PLUG 4 WAY,12-14GA***	1
35	63375GT	SCREW, FHM, 6-32 X .75	
36	74006GT	COVER,GFCI,HORIZONTAL,WEATHER	1
37	74052GT	GASKET,COVER,GFCI,WEATHERPROOF	1
38	13585GT	OUTLET, 110V	1
39	10777GT	COVER,BLANK	1
40		Ref. Power to Platform Harness, Secondary (refer to section 303.1)	1
41	119403GT	CONN,PLUG 120 AC/15A DOMESTIC	1
41-	119404GT	CONN,RECEP 120AC/15A DOMESTIC	
41-	144161GT	PLUG,PWR,UK,16AMP,3PIN,BLK	
41-	1280665GT	PLUG, TYPE F, 230A, 50HZ, 16A, IP44	
41-	25388GT	PLUG,FUSED,250V,13AMP,U.K.**	
41-		FUSE,13 AMP,220V PLUG (component no longer available) refer to BS1362 BUSS TDC180-13A	1

808.1 Air Line to Platform



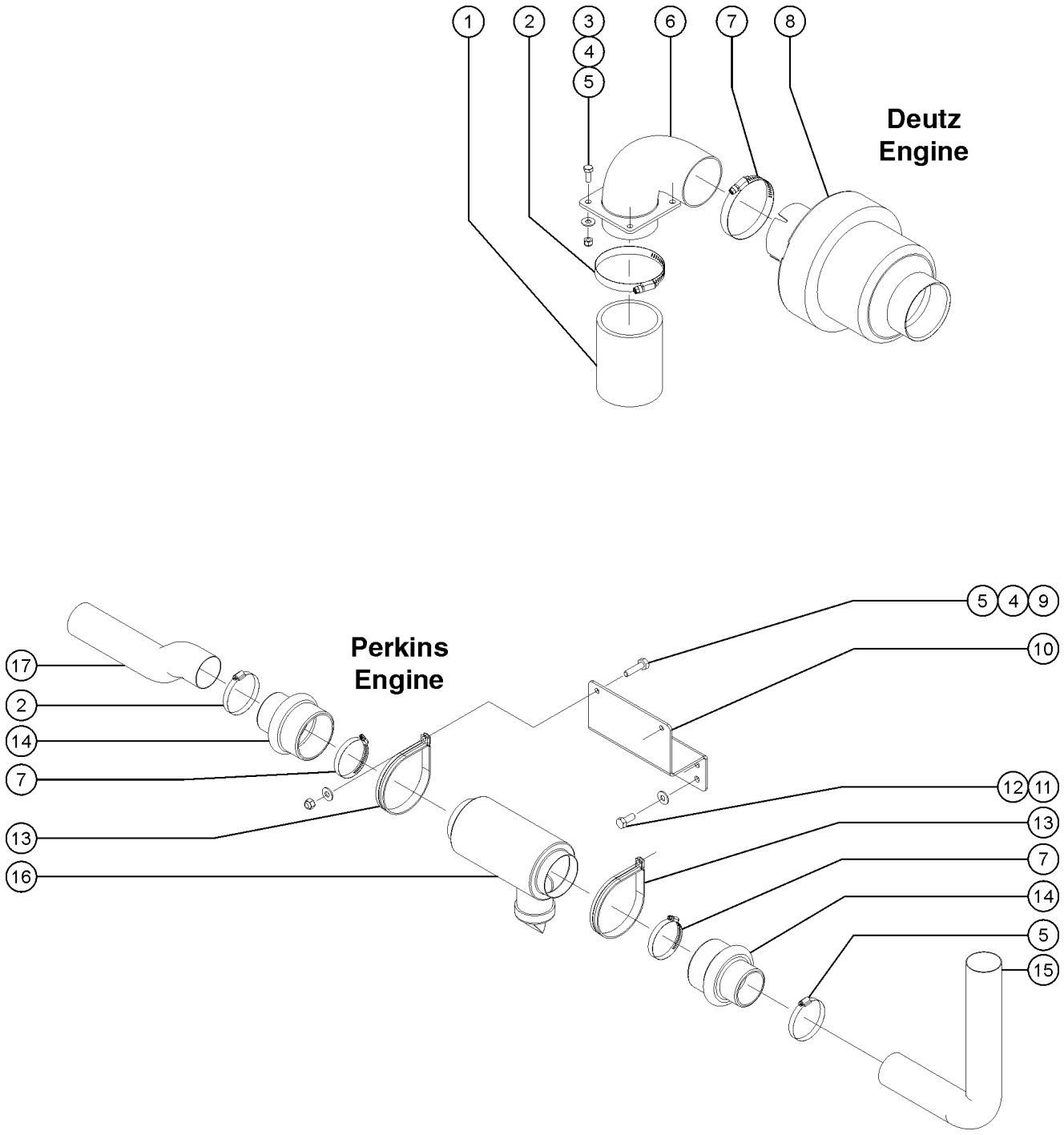
Item	Part No.	Description	Qty.
1	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	
2	1269759GT	HOSE ASSEMBLY, 1/2" AIR,BARB,S	1
-	39888GT	HOSE,1/2,LOW PRESSURE,801-8***	1000 Inch
-	49213GT	HOSE END,BARBED,SWIVEL,JIC,8-8	1
3	1256863GT	WASHER,FLAT,.75,F436,HRD,ZAG	1
4	1275332GT	FORMING, BRACKET, AIR HOSE	1
5	49212GT	FEMALE BULKHEAD CONNECTOR-8	
6	49215GT	MPT,CPLR,1/4"SER,3/8"X18	
7	49214GT	MALE PIPE THD,1/4" SER,3/8"X18	1
8	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	
9	1275087GT	FORMING, AIR TO PLAT	

809.1 Circuit Board Heater Option



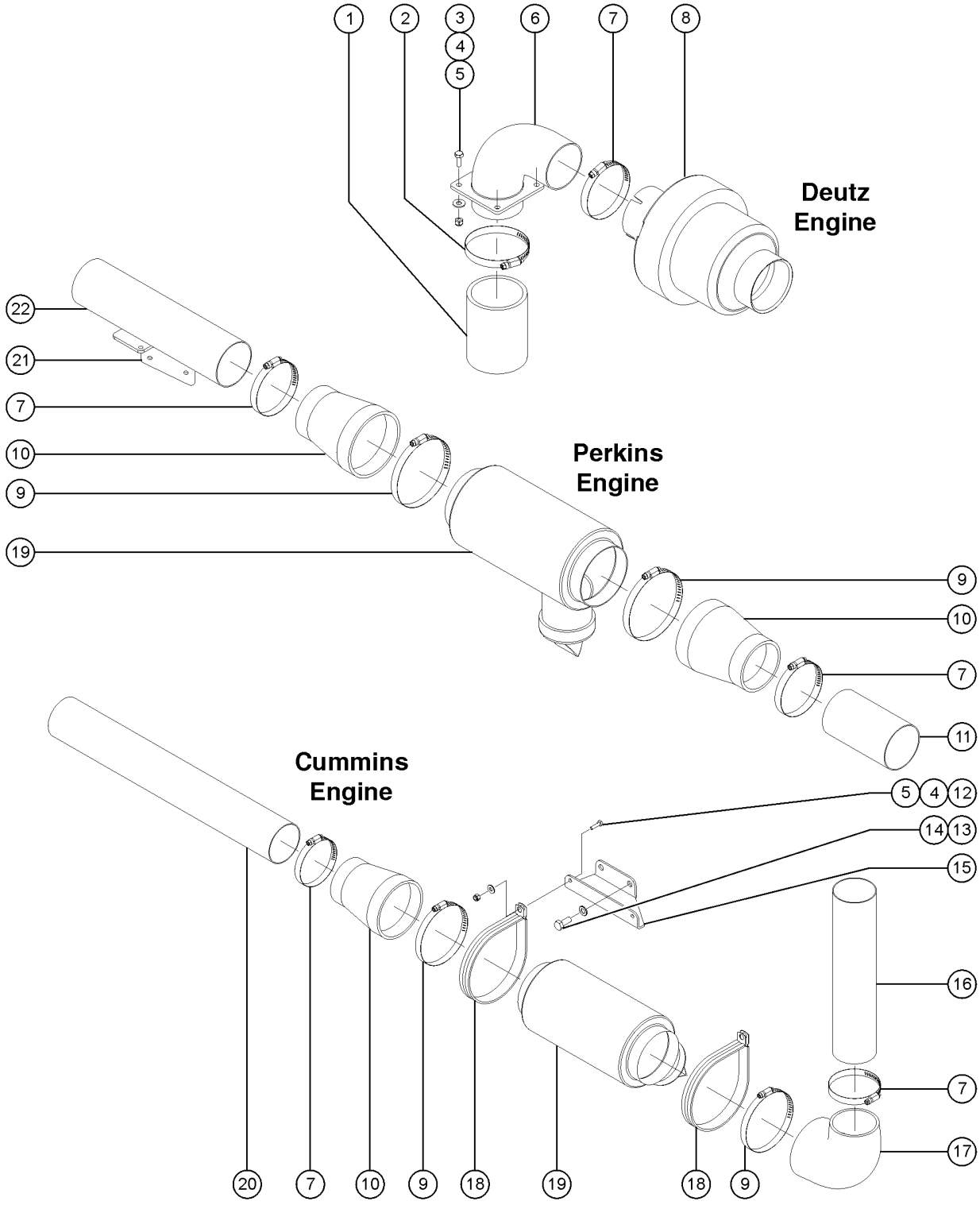
Item	Part No.	Description	Qty.
1		Ref. PCB Assembly, PCON (refer to 604.1)	
2	119250GT	BRACKET,PLATFORM HEATER OPT	1
3	27287GT	RESISTOR,10 OHM,25 WATT	2
4	119641GT	SWITCH,THERMOSTAT 85F OPEN	1
5	6272GT	RIVET,STL,STL,P,.125 X .25	
6	81551GT	SCREW,PHIL,PHM,6-32 X 1/4 SS	
7	119534GT	STANDOFF,1/4X1/4 M-F 6-32 S/S	
8	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT	1

810.1 Hostile Environment Option - Engine Air Cleaners (to SN 952)

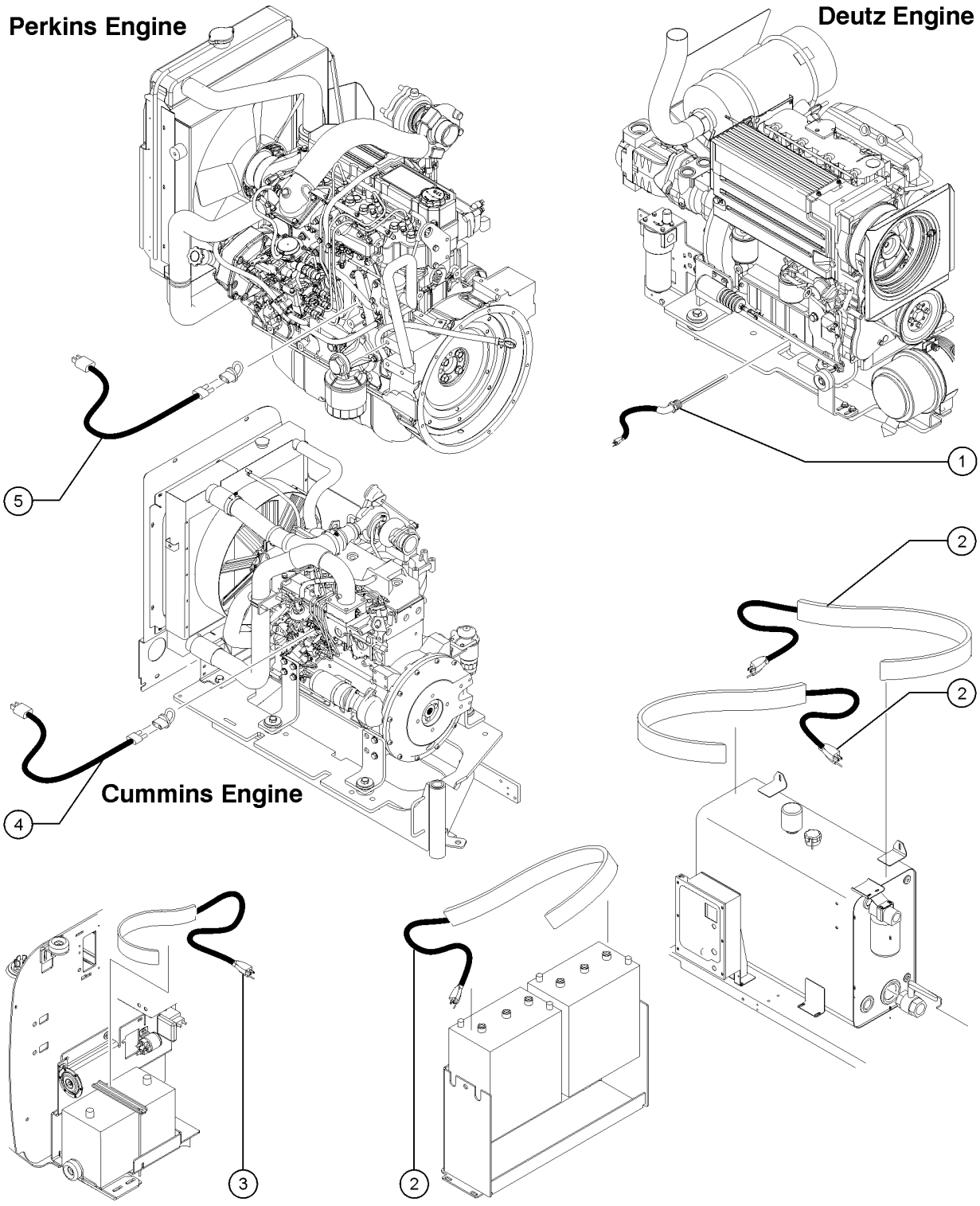


Item	*Part No.*	*Description*	*Qty.*
A-	70515GT	KIT,PRECLEANER DEUTZ*** ..... Deutz models	
B-	98012GT	OPTION,PRECLEANER PERKINS ..... Perkins models	
1	106211-400GT	HOSE,RUBBER 3"ID X .25 BLACK	1
2	30489GT	CLAMP,HOSE,3.50	6
3	6090GT	SCREW, HHC, 1/4-20 X .75	
4	6638GT	WASHER, FLAT, USS, 1/4"Y	
5	6091GT	NUT,NYLOCK,1/4-20	
6	102220GT	WELDMENT,PRECLEANER,DEUTZ	1
7	30971GT	CLAMP,HOSE,3.00"	2
8	89959GT	PRECLEANER,INLINE 3"	2
9	6888GT	SCREW, HHC, 1/4-20 X 1	
10	70546PGT	BRACKET,PRE-CLEANER MOUNT PNTD	1
11	23057GT	SCREW,HHC,M8 X 20MM	
12	33277GT	WASHER,FLAT,M8,YELLOW ZINC	
13	101639GT	CLAMP,5.38,#86 X 3/8,RUB CUSH	
14	88492GT	HOSE,HUMP 3" TO 4"	2
15	101657GT	TUBE,AIR INTAKE,UPPER	1
16	88493GT	PRECLEANER,AIR INTAKE	1
17	101658GT	TUBE,AIR INTAKE,LOWER	1

810.2 Hostile Environment Option - Engine Air Cleaners (from SN 953)

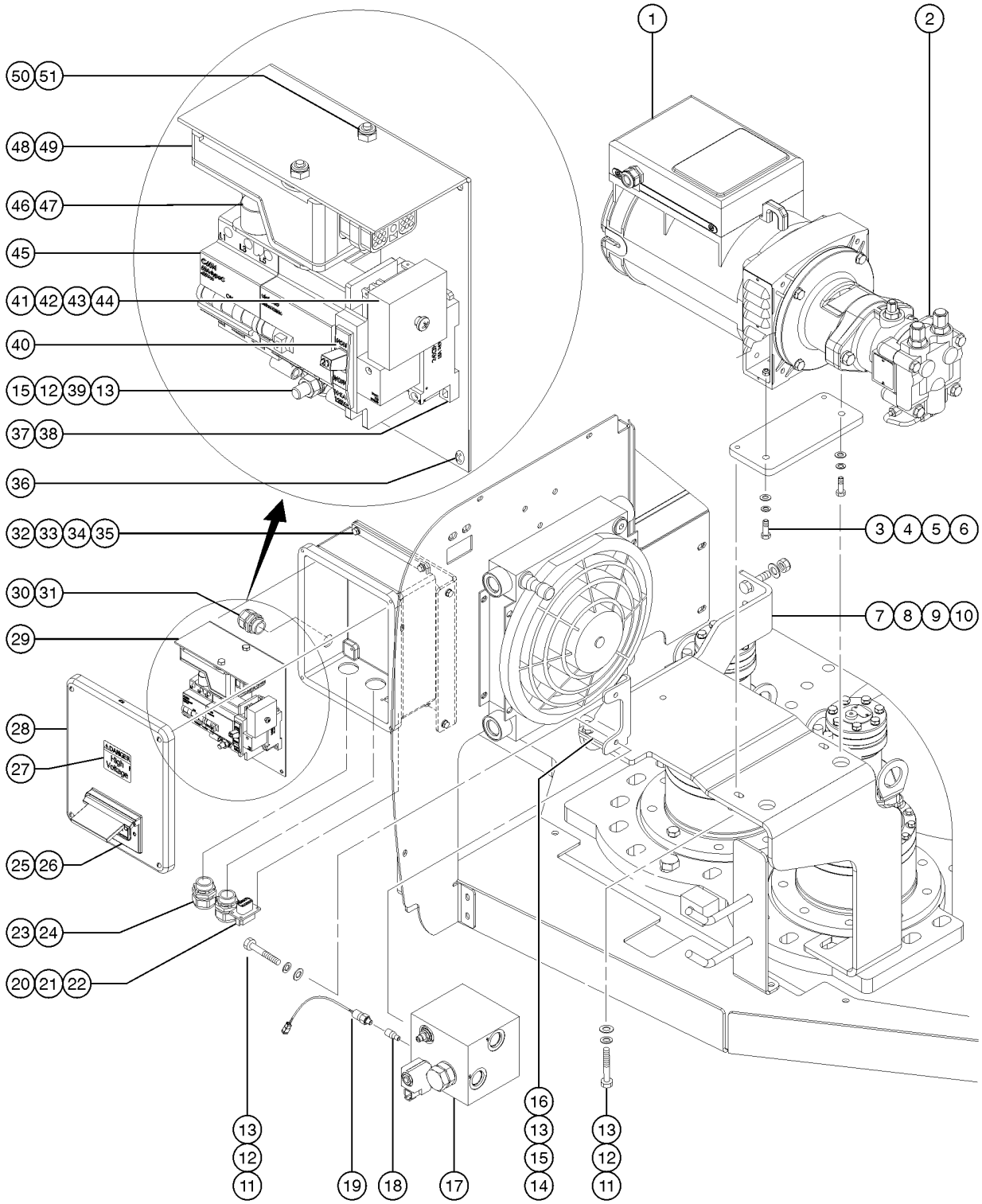


Item	Part No.	Description	Qty.
A-	70515GT	KIT,PRECLEANER DEUTZ***	
B-	139291GT	OPT,PRECLEANER PERKINS 804T	
C-	122910GT	OPT,PRECLEANER CUMMINS B3.3T	
1	106211-400GT	HOSE,RUBBER 3"ID X .25 BLACK	1
2	30489GT	CLAMP,HOSE,3.50	4
3	6090GT	SCREW, HHC, 1/4-20 X .75	
4	6638GT	WASHER, FLAT, USS, 1/4"Y	
5	6091GT	NUT,NYLOCK,1/4-20	
6	102220GT	WELDMENT,PRECLEANER,DEUTZ	1
7	30971GT	CLAMP,HOSE,3.00"	3
8	89959GT	PRECLEANER,INLINE 3"	2
9	34955GT	CLAMP, HOSE, 5.00	
10	122432GT	REDUCER,RUBBER,4.0 X 3.0	
11	122929GT	TUBE,INTAKE,PRECLEANER,804T	
12	6888GT	SCREW, HHC, 1/4-20 X 1	
13	27034GT	SCREW,HHC,M10 X 25MM,GR 8.8	
14	22699GT	WASHER, FLAT, M10, ZINC PLTD.	
15	122914GT	BRACKET,PRECLEANER MNT B3.3T	
16	122912GT	TUBE,INTAKE,PRECLEANER B3.3T	
17	122913GT	REDUCER,90DEG,4.0 X 3.0	
18	101639GT	CLAMP,5.38,#86 X 3/8,RUB CUSH	2
19	88493GT	PRECLEANER,AIR INTAKE	
20	122911GT	TUBE,INTAKE,PRECLEANER B3.3T	
21	128421GT	FORMING, INTAKE TUBE MNT	
22	122928GT	TUBE,INTAKE,PRECLEANER,804T	


Perkins Engine
Deutz Engine
Cummins Engine
1
2
2
2
3
4
5

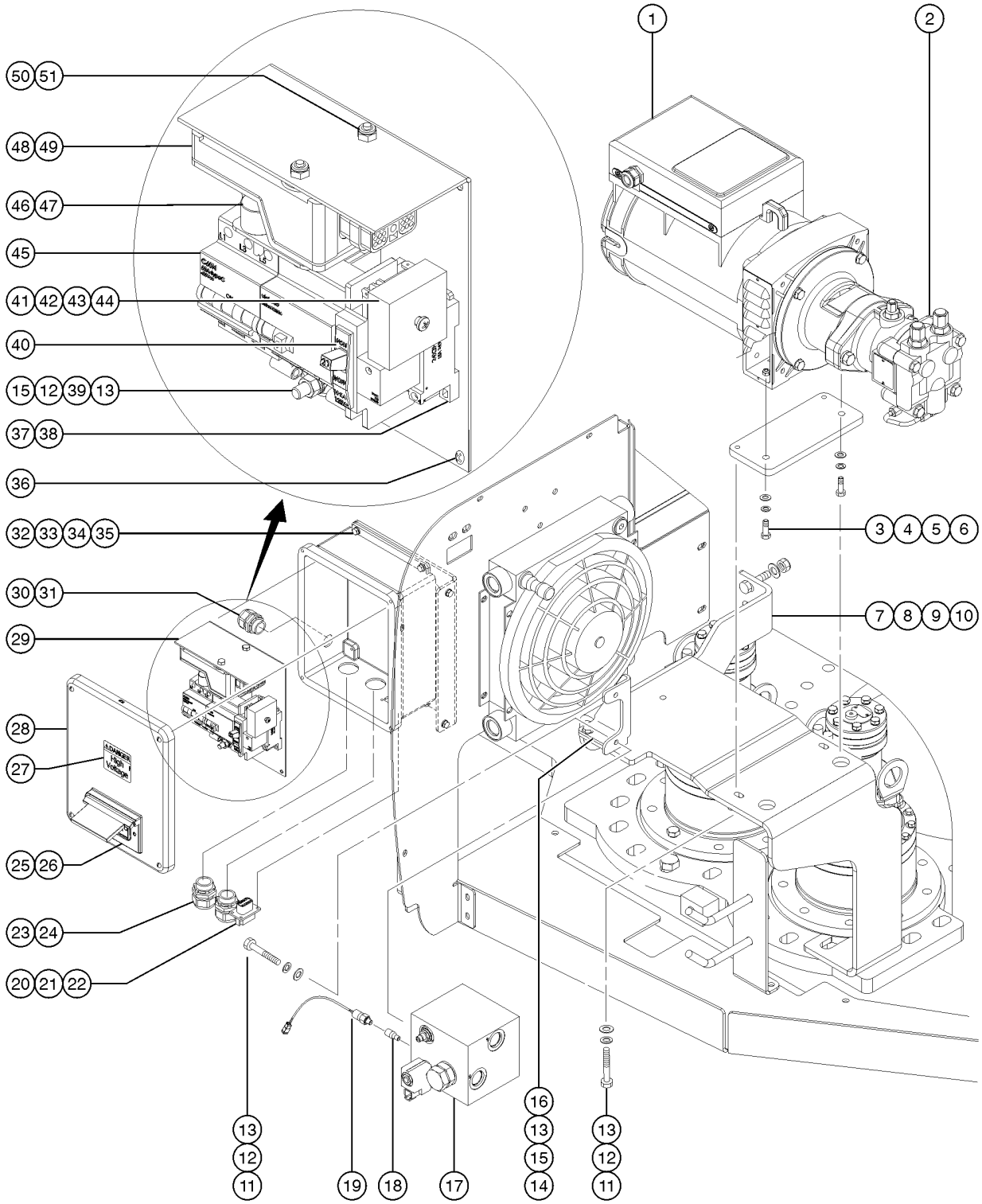
Item	*Part No.*	*Description*	*Qty.*
A-	122771GT	COLD START PKG,110V,CUM.B3.3T	
B-	122772GT	COLD START PKG,110V,PERK.804T	
C-	1287847GT	ACCESSORY,COLD START PKG, 110V, DEUTZ (NOTE: use 5.8 qt 5W-40s synthetic engine oil)	
1	128274GT	OIL PAN HEATER,DEUTZ,120V,150W	1
2	61245GT	BLANKET,BATTERY	3
2-	75048GT	CABLE TIE,BLACK,36"	
3	28853GT	BLANKET,BATTERY	2
3	23877GT	CABLE TIE,28"	
4	122768GT	FREEZE PLUG HEATER	1
5	101632GT	FREEZE PLUG HEATER,PERKINS 804	1

812.1 Welder Option - Chassis Components



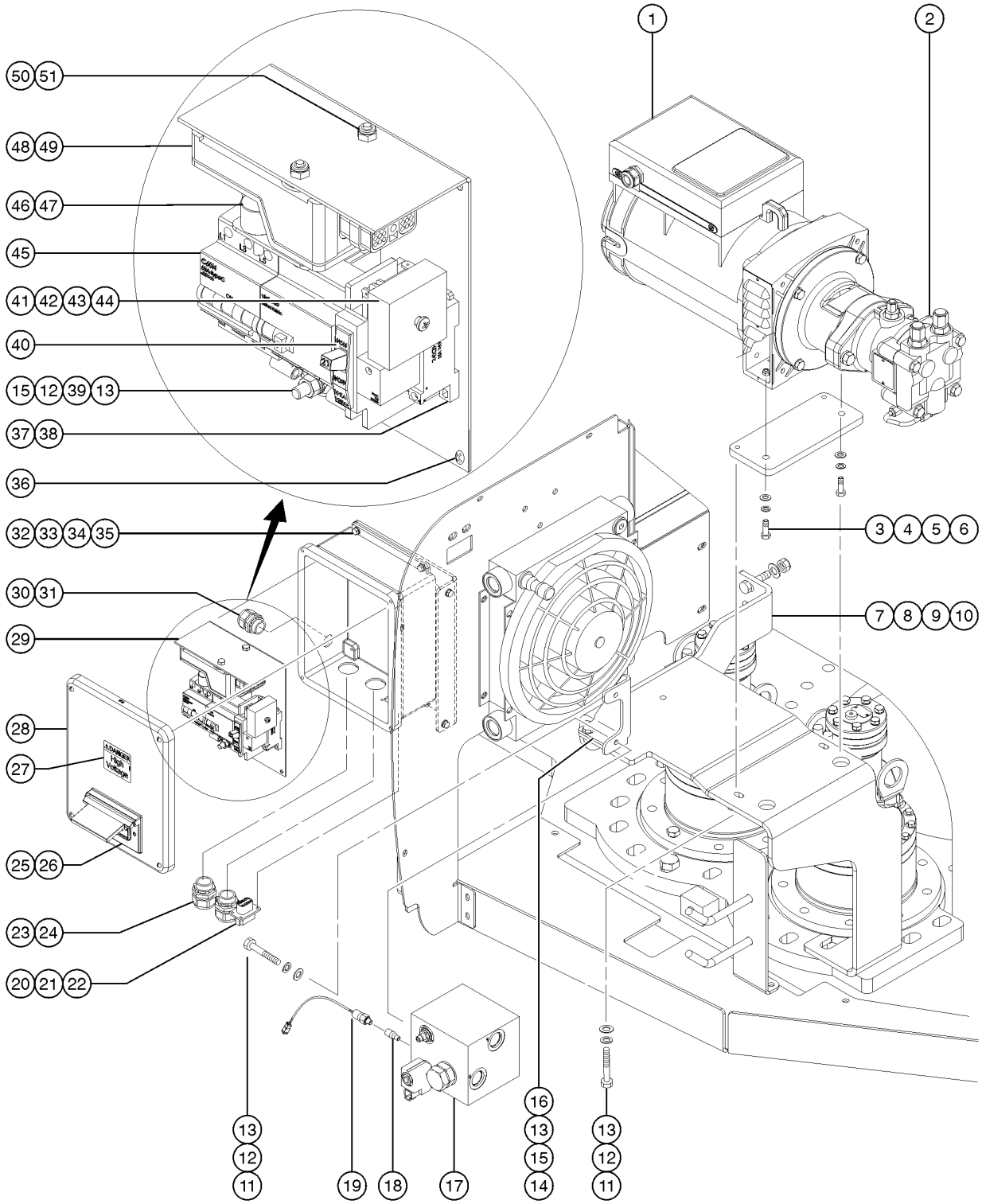
Item	Part No.	Description	Qty.
A-	226512GT	HARNESS,HYDRAULIC WELDER	
B-	1278369GT	COVER, JBOX, BREAKER RETRO, W/O 110V GFI ONLY FOR USE ON UNITS THAT HAVE BEEN RETROFITTED WITH PANEL MOUNTED CIRCUIT BREAKER KIT 1278371GT.	
C-	1278371GT	KIT, RETROFIT, WELDGEN, MAGBREAKER Z135 FOR WELDER GENERATOR EQUIPPED UNITS THAT HAVE NO CUTOUTS ON THE FRONT FACE OF JBOX.	
1	139367GT	GENERATOR,HYDRA,25CC,208V*** Harrison Generator; includes item 2; Consult Factory prior to ordering	1
1A-	1273323GT	ALTERNATOR for 139367	
1A-	58631GT	COUPLER,INSERT for 139367	
1A-	139919GT	FITTING,ORIFICE,.047 for 139367	
1B	106113GT	GENERATOR,HYDRO-12KEP-21-3 Fabco Generator; includes item 2; Consult Factory prior to ordering	
1B-	T113655GT	COUPLING, 28MM (106113) for 106113	
1B-	T114022GT	SPIDER (106113) for 106113	
1B-	T114023GT	COUPLING (106113) for 106113	
2	33432GT	MOTOR,HYD,25CC FIXED*** Sauer Motor for Harrison Generator; Consult Factory	1
2-	32675GT	SEAL KIT,SUNSTRAND for 33432	
2-	106184GT	MOTOR,HYD 12.5KW GEN,21CC*** Fabco Motor; Consult Factory	
2-	162006GT	SEAL KIT,HYD MOTOR(106184) for 106184	
3		SPRING WASHER (85166) (component no longer available)	
4	6097GT	WASHER, FLAT, USS, 3/8", Y	
5	105666PGT	TAP BLOCK,WELD GENERATOR PAINT	1
6	4828GT	NUT, NYLOCK, 3/8-16	
7	106354PGT	FORMING,WELD GEN.MOUNT PAINTED	1
8	9145GT	SCREW,HHC,1/2-13 X 2.5,GR5	
9	6095GT	WASHER,FLAT,USS,1/2",Y	
10	6198GT	NUT, NYLOCK, 1/2-13	
11	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
12	6886GT	WASHER,LOCK,.313	
13	5397GT	WASHER, FLAT, USS, 5/16-18	
14	106649PGT	FORMING,MANIFOLD MOUNT PAINTED	1

812.1 Welder Option - Chassis Components



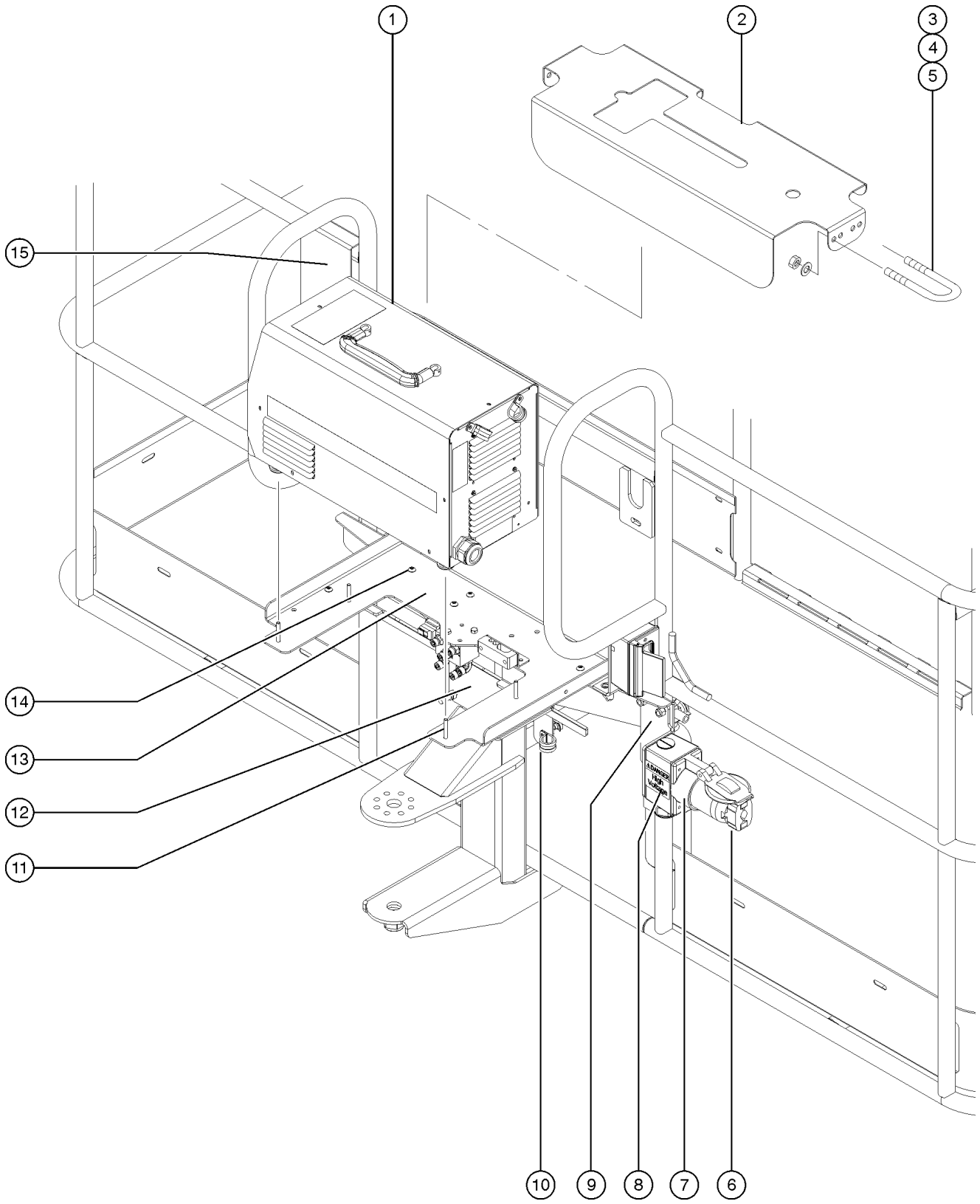
Item	Part No.	Description	Qty.
15	13000GT	SCREW,HHC,5/16-18 X 1.25	
16	6782GT	NUT, NYLOCK, 5/16-18	
17	101516GT	MANIFOLD,DRIVE OIL DIVERTER	1
17-	94757GT	VALVE,CHECK,3 PSI***	
17-	94760GT	VALVE,SOLENOID,10V,W/OUT COIL*	
17-	94765GT	COIL-10V DC***	
17-	94759GT	NUT,SOLENOID	
17-	101446GT	VALVE,RELIEF 280 PSI	
17-	102746GT	VALVE,PILOT OPER DIRECTIONAL	
17-	106394GT	ORIFICE DISC,.030,CONE	1
18	146285GT	CONN, SAE#4-1/4" NPT	
19A	146284GT	SWITCH,PRESS,#4NPT,200PSIF for first time replacement, order service kit 1273916GT.	1
19B	1273916GT	KIT, PRESSURE SWITCH, GENERATOR includes pressure switch, hose, fittings and installation instructions	
20	73730GT	CONN, RECEP, 12 WAY, DEUTSCH, DT, GRAY/FLANGE	1
21	49820GT	SCREW,PHILLIPS,PHM,6-32 X .5	
22	12344GT	NUT,NYLOCK,6-32	
23	20776GT	CABLE SQUEEZE CONN	2
24	18665GT	LOCKNUT,ELECTRIC,1" NPT	2
25	80543GT	RECEPTACLE, 120VAC, 20A, GFCI	1
26	74006GT	COVER,GFCI,HORIZONTAL,WEATHER	1
27	82237GT	DECAL,DANGER,HIGH VOLTAGE	2
28	107657GT	J-BOX,CIRCUIT BREAKERS, 10X8	1
29	102314GT	PANEL, ENCLOSURE, LINCO WELDER	1
29-	226513GT	HARNESS,HYD WELDER J-BOX	
30	7057GT	CONN. SQZ,1/2NPT .39-.56 MED.	1
31	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	1
32	6888GT	SCREW, HHC, 1/4-20 X 1	
33	6638GT	WASHER, FLAT, USS, 1/4"Y	

812.1 Welder Option - Chassis Components



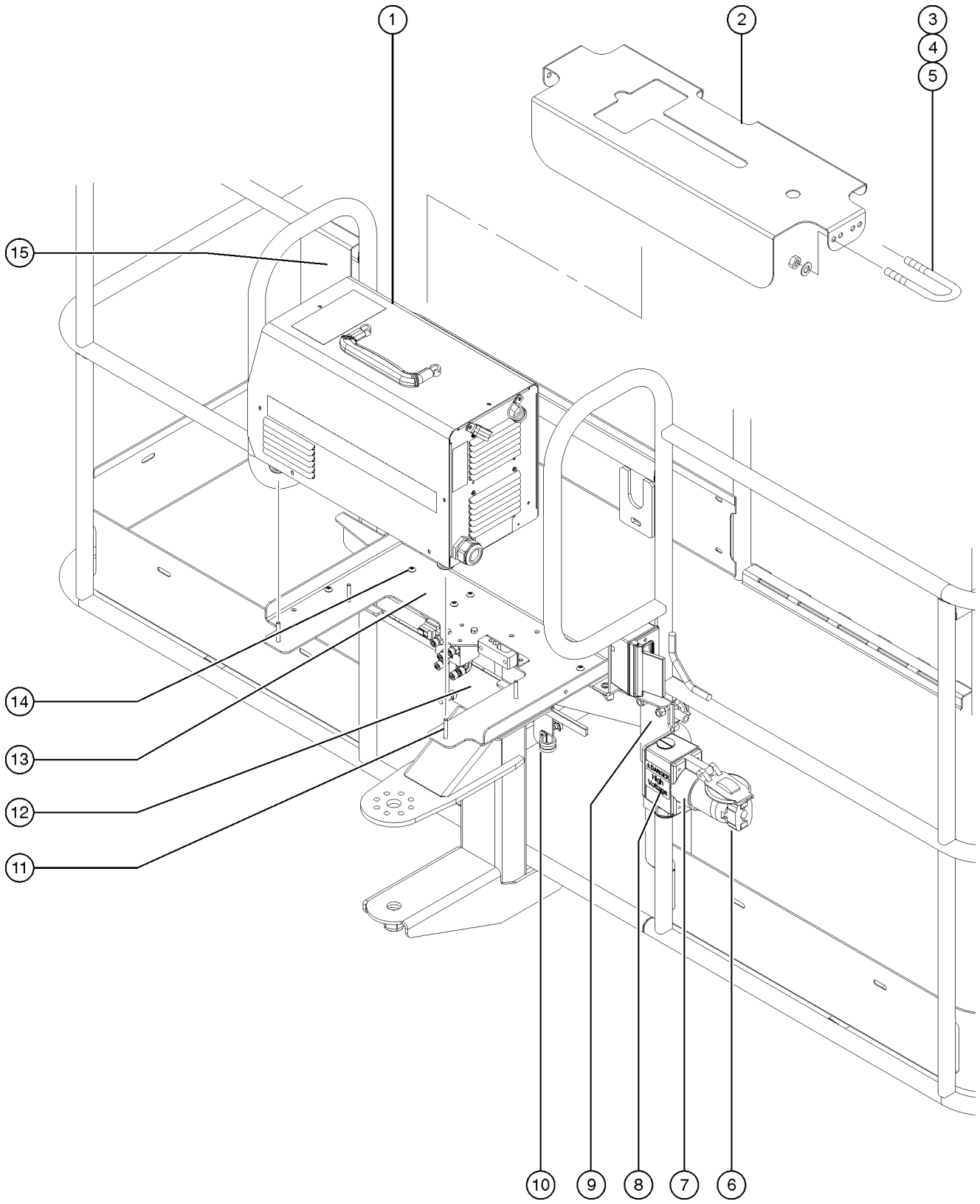
Item	Part No.	Description	Qty.
34	6091GT	NUT,NYLOCK,1/4-20	
35	107681PGT	FORMING,J-BOX MOUNT, PAINTED	1
36	49818GT	SCREW,PHILLIPS,PHM,10-32 X .38	
37	33608GT	RELAY,SOCKET,OMRON	1
38	33607GT	RELAY,OMRON,DPDT,12V	1
39	6037GT	NUT,HEX,5/16-18,GR5	
40	106072GT	CIRCUIT BREAKER,50A,3P,240V***	1
41	106637GT	MODULE,TIME DELAY ON BREAK 4S	1
42	51063GT	SCREW,PHILLIPS,RHM,10-32 X 1.5	
43	6146GT	WASHER,FLAT,MS,#10,Y	
44	6178GT	NUT, NYLOCK, 10-32	
44-	106477GT	GFI/CIRCUIT BREAKER ASSEMBLY	1
44-	227425GT	CIRCUIT BREAKER, 35A 3PH	1
45	106375GT	GFCI,50A, 3PH	1
46	102357GT	POTENTIOMETER ASSY, WELDER	1
47	106140PGT	BRACKET,1K OHM 10-TURN POT,PNT	1
48	106658GT	MODULE,SX CONTROLLER,LOW AMP	1
49	101700GT	CONNECTOR,MATING,SX MODULE	1
50	6884GT	SCREW,HHC,1/4-20 X 2.5	
51	6889GT	NUT,LP NYLOCK,1/4-20	

813.1 Welder Option - Platform Components



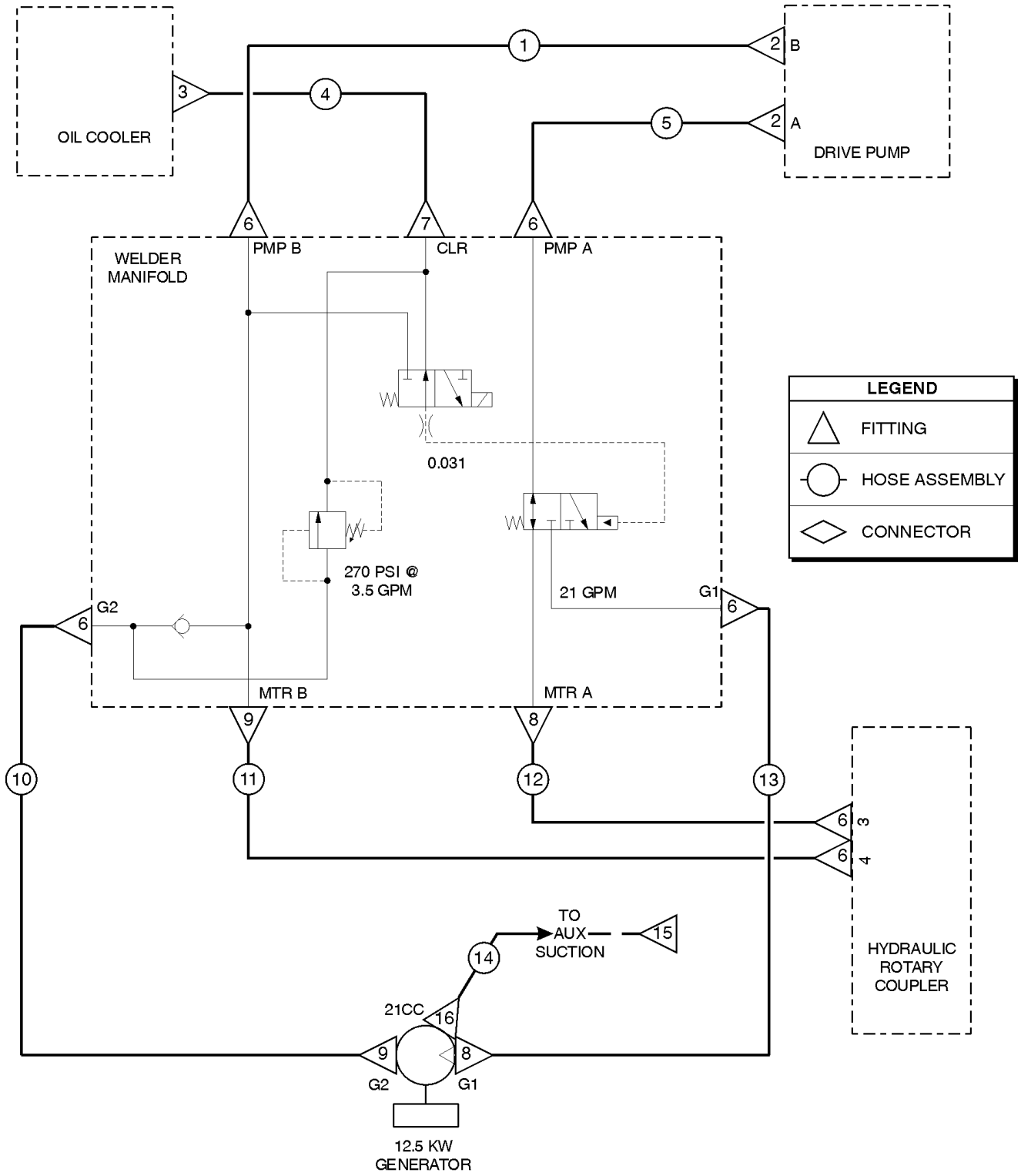
Item	Part No.	Description	Qty.
-	119907GT	CARTRIDGE,VALVE HOUSING	
-	119908GT	VALVE,SOLENOID,NOR mounts on cartridge 119907	
1	101525GT	WELDER,INVERTEC V275-S	1
1-	106275GT	KIT,WELD LEADS ASSY,V275S	
1-	106183GT	FUSE,.6AMP,250V,WELDER,V275S	
1-	229925GT	ADAPTER,WELDER,208-220	
2	101547PGT	BRACKET,WELDER SUPPORT,PNT	1
3	122755GT	UBOLT,FLATTENED,1.5DIAX3/8 UNC	2
4	5397GT	WASHER, FLAT, USS, 5/16-18	4
5	4828GT	NUT, NYLOCK, 3/8-16	4
6	106112GT	PLUG,4-WIRE,3-PHASE,50A,MALE	1
7	106111GT	RECEPTCL,LOCK 3-PH,50A,4 WIRE	1
7-	106110GT	T-BOX,2.75X4.5X2.63,3PH	
7-	101732GT	COVER,WEATHERPROOF 3-PHASE	
8	82237GT	DECAL,DANGER,HIGH VOLTAGE	2
9	101731PGT	BRACKET,POWER TO PLAT TBOX,PNT	1
9-	4828GT	NUT, NYLOCK, 3/8-16	
9-	5397GT	WASHER, FLAT, USS, 5/16-18	
9-	106044GT	U-BOLT,3/8-16X4X4.63X3.00	
10	18666GT	CLAMP,1.00,#16 X 1/4,RUB CUSH	3
11	106141GT	SCREW,SECURITY,1/4-20 X 1.75LG	
11-	106272GT	BIT,3/16,HEX SOCKET,SECURITY	
12	101701GT	BRACKET,WELDER MOUNT SUPPORT**	
13	106109PGT	BRACKET,WELDER COVER,PNTD	1
13-	106044GT	U-BOLT,3/8-16X4X4.63X3.00	
13-	4828GT	NUT, NYLOCK, 3/8-16	
13-	5397GT	WASHER, FLAT, USS, 5/16-18	
14	128322GT	SCREW,5/16-18X1.00,SECURITY TO	

813.1 Welder Option - Platform Components



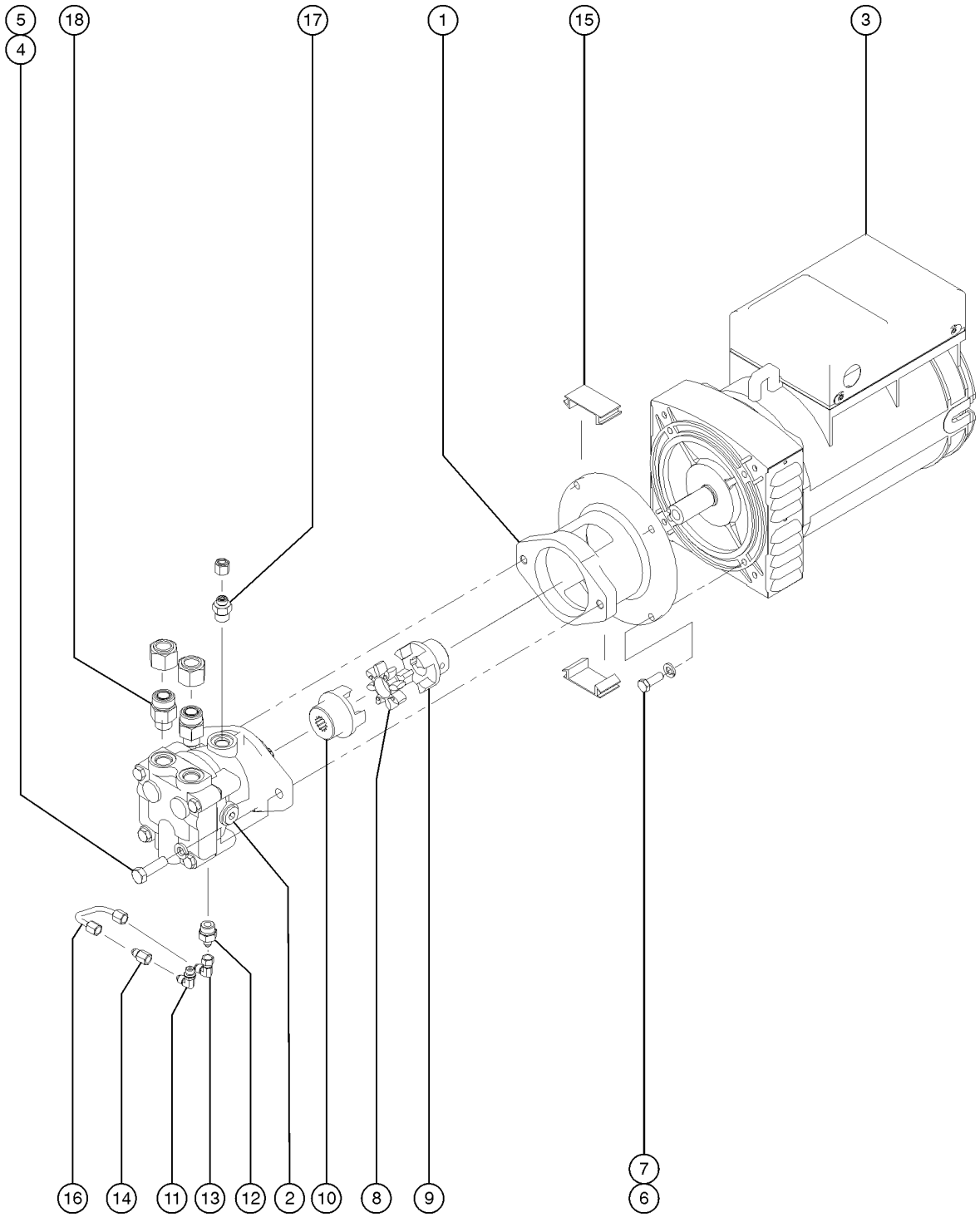
Item	*Part No.*	*Description*	*Qty.*
14-	6782GT	NUT, NYLOCK, 5/16-18	
14-	128323GT	BIT,TORX SOCKET,SECURITY	
15	106204PGT	BRACKET,V275S WELD LEADS	1

814.1 Welder Option - Hydraulic Hoses and Fittings



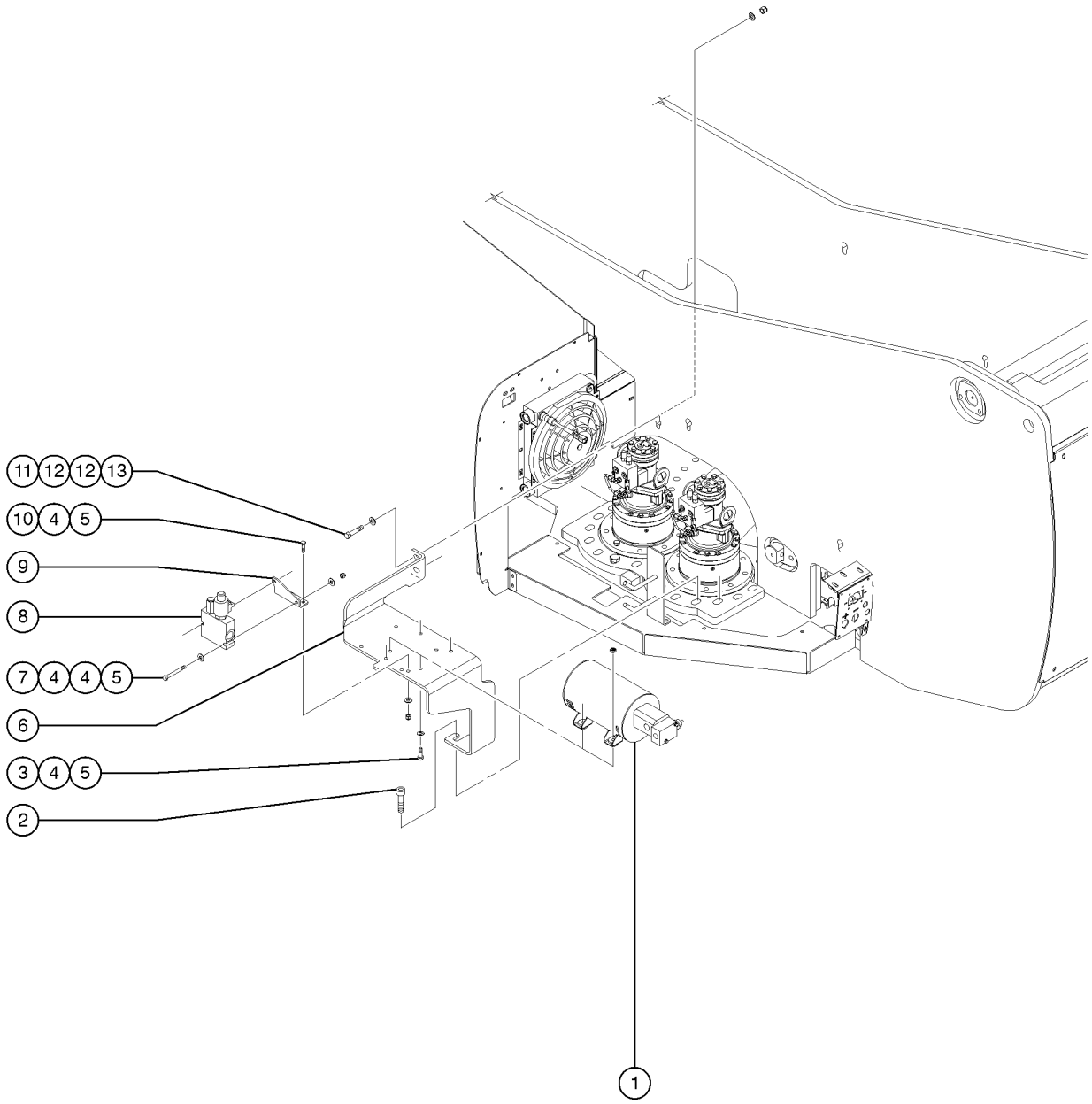
Item	Part No.	Description	Qty.
1	94374-13330GT	HOSE ASSY,3/4,90 FEM,STR FEM	1
2	48978GT	ELBOW,45D,520320-12-16	2
3	48961GT	TEE,RUN,520428-12	1
4	49167-2279GT	HOSE ASSEMBLY 1/2 100R1	1
5	94374-13930GT	HOSE ASSY,3/4,90 FEM,STR FEM	1
6	48963GT	FITTING,ELBOW,45D,520320-12***	6
7	48933GT	CONN,520120-8***	1
8	61610GT	CONN,LONG,520122-12***	2
9	48960GT	FITTING,CONN,520120-12***	2
10	89871-3148GT	HOSE ASSY,3/4" STR-STR	1
11	94374-9080GT	HOSE ASSY,3/4,90 FEM,STR FEM	1
12	94374-9930GT	HOSE ASSY,3/4,90 FEM,STR FEM	1
13	89871-1448GT	HOSE ASSY,3/4" STR-STR	1
14	49167-8629GT	HOSE ASSEMBLY 1/2 100R1	1
14-	49167-7229GT	HOSE ASSEMBLY 1/2 100R1 use with welder ready option; from SN 858	
15	48964GT	TEE,RUN,SWIVEL,520432-12	1
16	48947GT	ELBOW,90D,520220-8-12	1

815.1 Welder Option - Generator Components

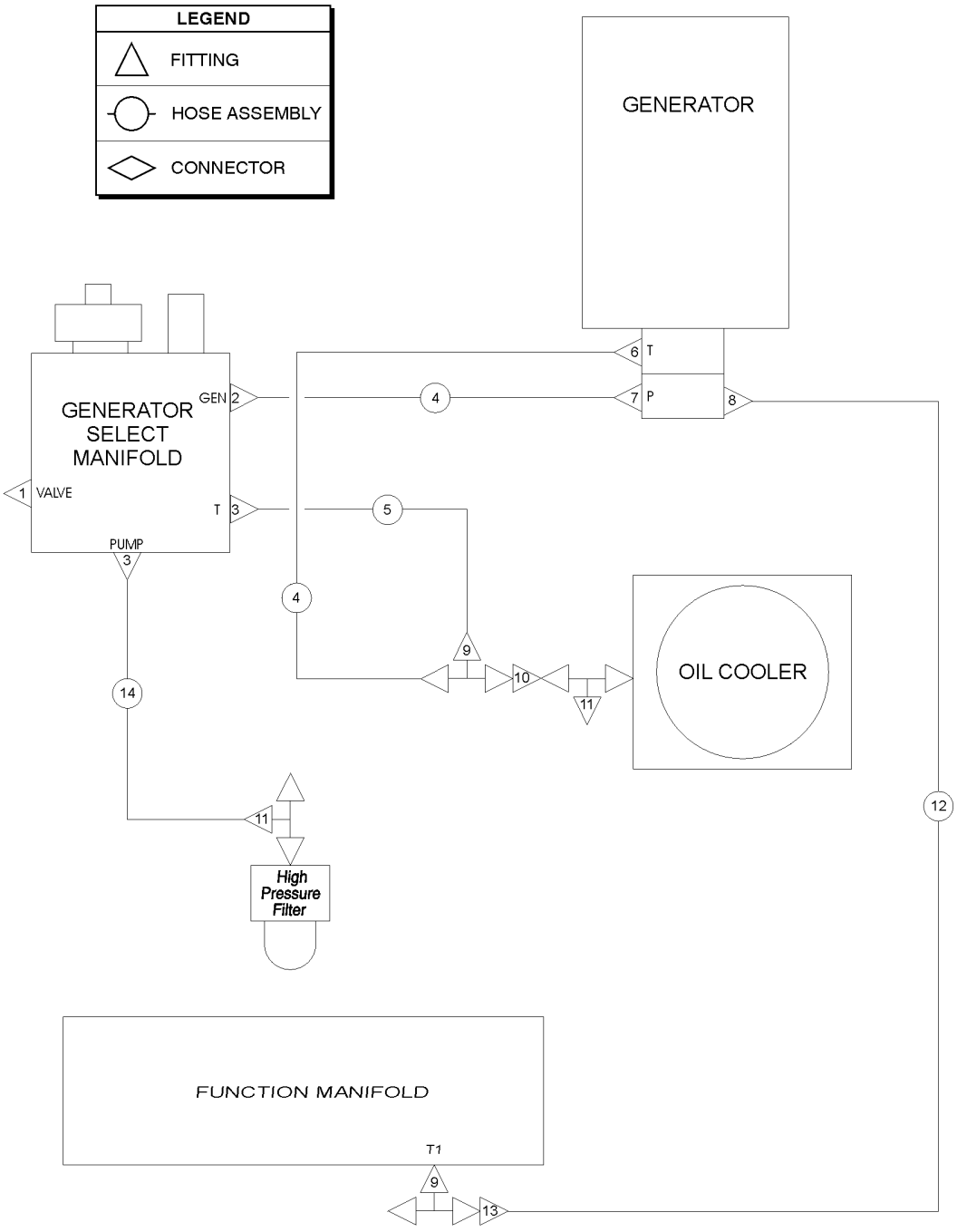


Item	Part No.	Description	Qty.
A-		GENERATOR,HYDRA,25CC,208V refer to section 812.1	1
1		MOTOR MOUNT consult factory	1
2		MOTOR,HYD,25CC FIXED*** refer to section 812.1	1
3		ALTERNATOR refer to section 812.1	1
4	6036GT	WASHER,LOCK,.625 PLTD	2
5	22788GT	SCREW,HHC,1/2-13 X 1.75	2
6	44064GT	SCREW,HHC,M10 X 30MM,	4
7	22700GT	WASHER,LOCK,M10	4
8	58631GT	COUPLER,INSERT	1
9	147404GT	DRIVE COUPLING,KEYED	1
10	147405GT	DRIVE COUPLING, 13 TOOTH	1
11	13921GT	ELBOW,070220-4-4	1
12	39879GT	CONNECTOR,070120-4-8	1
13	87246GT	ELBOW,SWIVEL NUT 90DEG,-4	1
14	139919GT	FITTING,ORIFICE,.047	1
15		MOUNT COVER consult factory	2
16	147418GT	ASSY,BLEED LINE (139367)	1
17	48914GT	CONN,520120-4-8	1
18	48975GT	CONN,520120-12-10	2

816.1 Hydraulic Generator Option

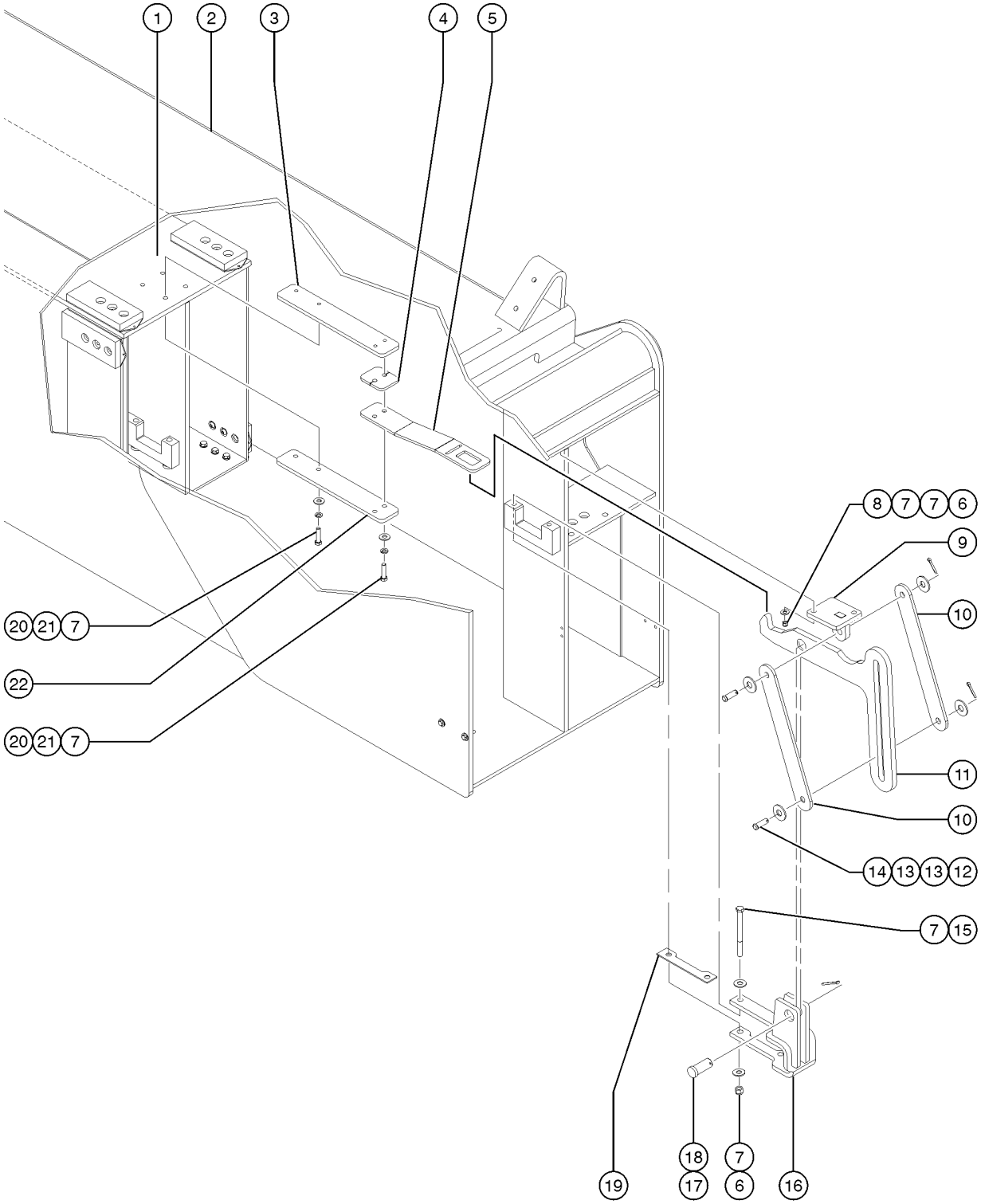


Item	Part No.	Description	Qty.
1	111381GT	GEN,HYD,3000W,110V,60HZ	1
1-	58944GT	BRUSH 3/8 X 1/4 X 15/16(36928)	
1-	T111608GT	SEAL,RETAINING RING	
1-	T111609GT	SEAL,SHAFT	
1-	T111610GT	SPACER	
1-	T111611GT	BEARING,MOTOR	
1-	T111612GT	RETAINING RING	
1-	T111613GT	SHAFT,MOTOR	
1-	58954GT	O-RING,SPACER #115***	
1-	147836GT	SEAL, GASKET, .00075" *GOLD*	
1-	147837GT	SEAL, GASKET, .0005" *SILVER*	
1-	147838GT	SEAL, GASKET, .0010"	
1-	147839GT	ASSM, GEN. ONLY, 110V, 60HZ	
2	77780GT	SCREW,SHC,3/4-10 X 3.75,A574	
3	8516GT	SCREW, HCC, 3/8-16 X 1.50	
4	6097GT	WASHER, FLAT, USS, 3/8", Y	
5	4828GT	NUT, NYLOCK, 3/8-16	
6	128560GT	FORMING, HYD. GEN. MOUNT	1
7	8178GT	SCREW, HHC, 3/8-16 X 2.5	
8	53976GT	MANIFOLD,GENERATOR	1
9	139691GT	FORMING, GEN MANIFOLD MOUNT	1
10	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
11	9145GT	SCREW,HHC,1/2-13 X 2.5,GR5	
12	13066GT	WASHER,FLAT,.5 HARDENED	
13	6198GT	NUT, NYLOCK, 1/2-13	


LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
GENERATOR
GENERATOR SELECT MANIFOLD
GEN
2
1
VALVE
T
3
PUMP
3
6
T
4
7
P
8
5
4
9
10
11
OIL COOLER
14
11
12
High Pressure Filter
FUNCTION MANIFOLD
T1
9
13

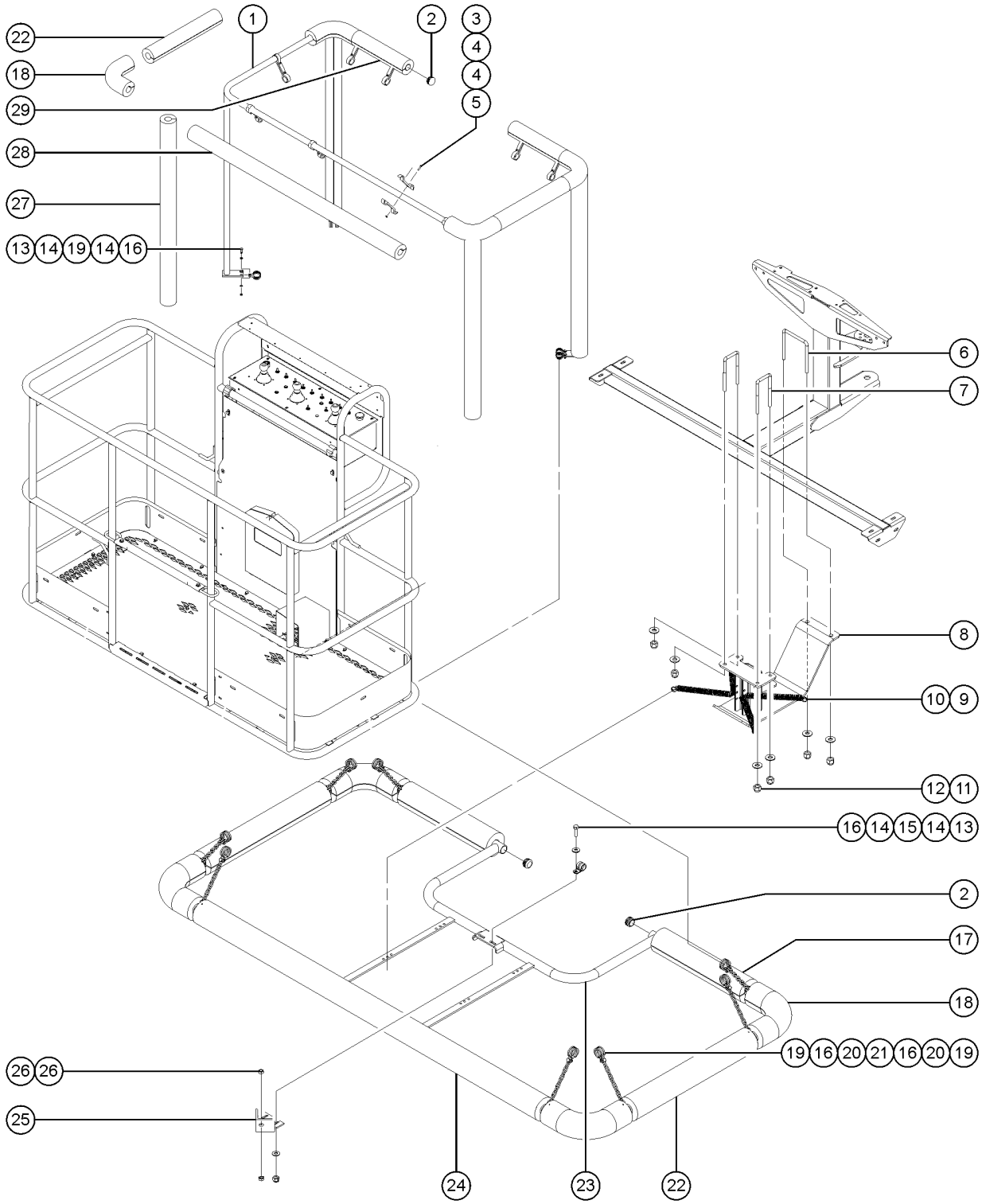
Item	Part No.	Description	Qty.
1	87172GT	PLUG,HEX SOCKET,090109B-12	1
2	48933GT	CONN,520120-8***	1
3	48960GT	FITTING,CONN,520120-12***	1
4	49143-3229GT	HOSE ASSY,1/2,90 FEM,STR FEM	2
5	49183-2892GT	HOSE ASSY,1/2,STR FEM STR FEM	1
6	48946GT	CONN,520120-8-10	1
7	48932GT	FITTING,ELBOW,90D,520220-8***	2
8	48905GT	CONNECTOR, 520120-4	1
9	48938GT	FITTING,TEE,RUN,SWIVEL520432-8	2
10	51580GT	FITTING,REDUCER,520123-12-8***	1
11	48964GT	TEE,RUN,SWIVEL,520432-12	2
12	49117-6291GT	HOSE ASSY,1/4,90 FEM,STR FEM	1
13	48941GT	REDUCER,520123-8-4	1
14	61074-5348GT	HOSE ASSEMBLY 3/4" STR-STR	1

818.1 Boom Latch Kit



Item	Part No.	Description	Qty.
	229400GT	Z135 LATCH KIT (complete) includes items 1 - 22	1
1		Ref. ASSY,RISER BOOM #4 (refer to 505.1)	
2		Ref. ASSEMBLY,RISER BOOM #1 (refer to 502.1)	
3	231048GT	Z135 LATCH,THREADED PRIMARY	1
4	231047GT	Z135 LATCH SPACER	1
5	229395GT	Z135 LATCH,BREAK LINK	1
6	4828GT	NUT, NYLOCK, 3/8-16	
7	19934GT	WASHER,3/8 HARD.STEEL-FLAT,USS	
8	6-5206-18GT	SCREW,HHC,3/8-16X2.25,GR8	
9	229393GT	Z135 LATCH, GUIDE MOUNT	1
10	229394GT	Z135 LATCH,GUIDE LINK	2
11	229388GT	Z135 LATCH HOOK	1
12	229399GT	CLEVIS PIN 0.5" X 1.5"	2
13	6095GT	WASHER,FLAT,USS,1/2",Y	
14	230971GT	PIN,COTTER,.156 X 1 Z	2
15	230975GT	SCREW,HHC,3/8-16 X 4.5,GR8	2
16	229397GT	Z135 LATCH,HOOK MOUNT	1
17	826379GT	PIN,CLEVIS,1X2.250,ZAG	1
18	13635-10GT	PIN,COTTER,.156 X 1.75	1
19	231046GT	Z135 LATCH SHIM	1
20	6-5206-12GT	SCREW,HHC,3/8-16X1.5,GR8	
21	6021GT	WASHER, LOCK, .375	
22	229396GT	Z135 LATCH,PRIMARY LINK	1

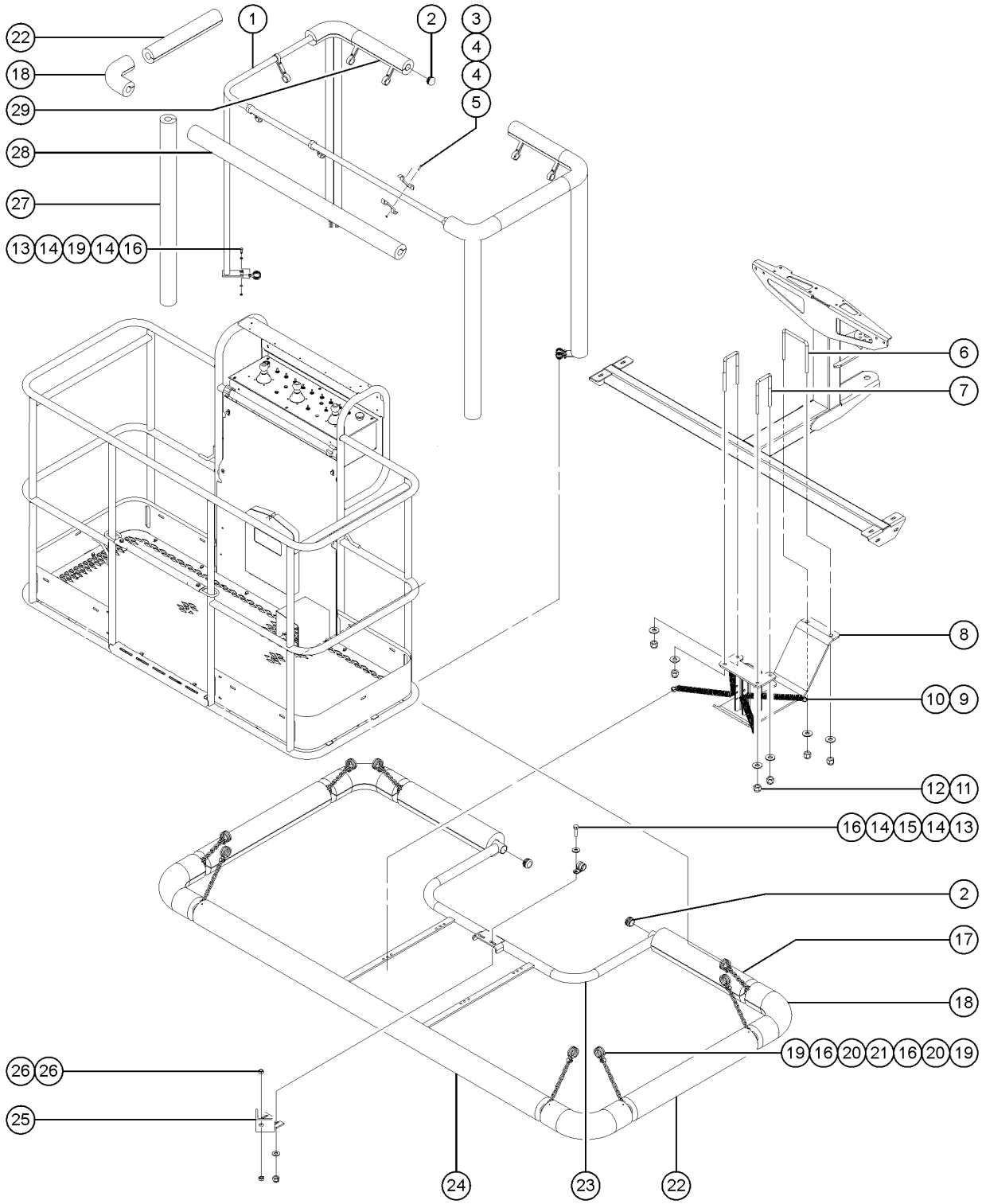
819.1 Aircraft Protection Package (from 1071)



819.1 Aircraft Protection Package (from 1071)

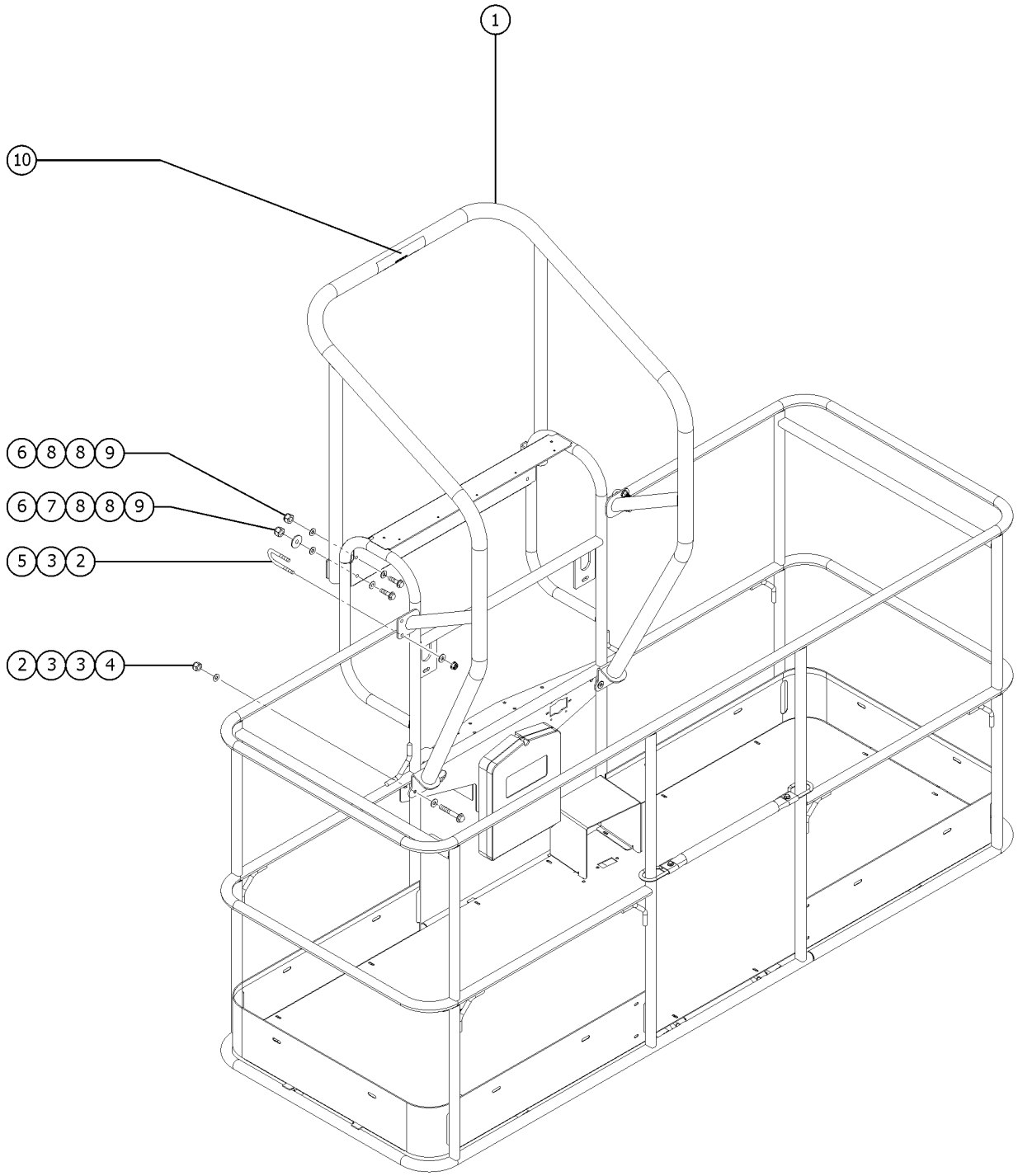
Item	Part No.	Description	Qty.
1	46188GT	WELDMENT, AIRCRAFT TOP BUMPER	1
2	55753GT	BUMPER, PLASTIC, 1.25 O.D.	4
3	122231GT	SCREW,BHSC,1/4-20 X 1	
4	122073GT	SUPPORT, RAILING	20
5	6889GT	NUT,LP NYLOCK,1/4-20	
6	106044GT	U-BOLT,3/8-16X4X4.63X3.00	1
7	66472GT	U-BOLT, SQR, 3/8-16X2X5, PLTD	2
8	139904GT	WELDMENT, SKIDPLATE**	1
9	88384GT	SPRING, SS, 3/4-EO750-69-4500	4
10	88385GT	SPRING, SS, 1/2-EO500-49-4500	4
11	4828GT	NUT, NYLOCK, 3/8-16	
12	5397GT	WASHER, FLAT, USS, 5/16-18	
13	6888GT	SCREW, HHC, 1/4-20 X 1	
14	6638GT	WASHER, FLAT, USS, 1/4"Y	
15	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	1
16	6091GT	NUT,NYLOCK,1/4-20	
17	75617-1675GT	PADDING,FOAM 3.5"OD X 1.50"ID	2
18	75636GT	PADDING,FOAM,3.0"X1.50ID 90DEG	8
19	21618GT	CLAMP,1.13,#18 X 1/4,RUB CUSH	16
20	6090GT	SCREW, HHC, 1/4-20 X .75	
21	56426-700GT	CHAIN,NO.2 (11 LINKS)	8
22	75617-2275GT	PADDING,FOAM 3.5"OD X 1.50"ID	4
23	139181GT	WELDMENT,AIRCRAFT SENSOR BUMPR	1
24	75617-6475GT	PADDING,FOAM 3.5"OD X 1.50"ID use until exhausted	1
24B	75617-3238GT	PADDING, FOAM 3.0" OD X 1.50" ID	2
25	77797GT	WELDMENT, SENSOR MOUNT	1
26	88390GT	NUT,HEX,M8,PLASTIC	
27	75617-4788GT	PADDING,FOAM 3.5"OD X 1.50"ID	4

819.1 Aircraft Protection Package (from 1071)



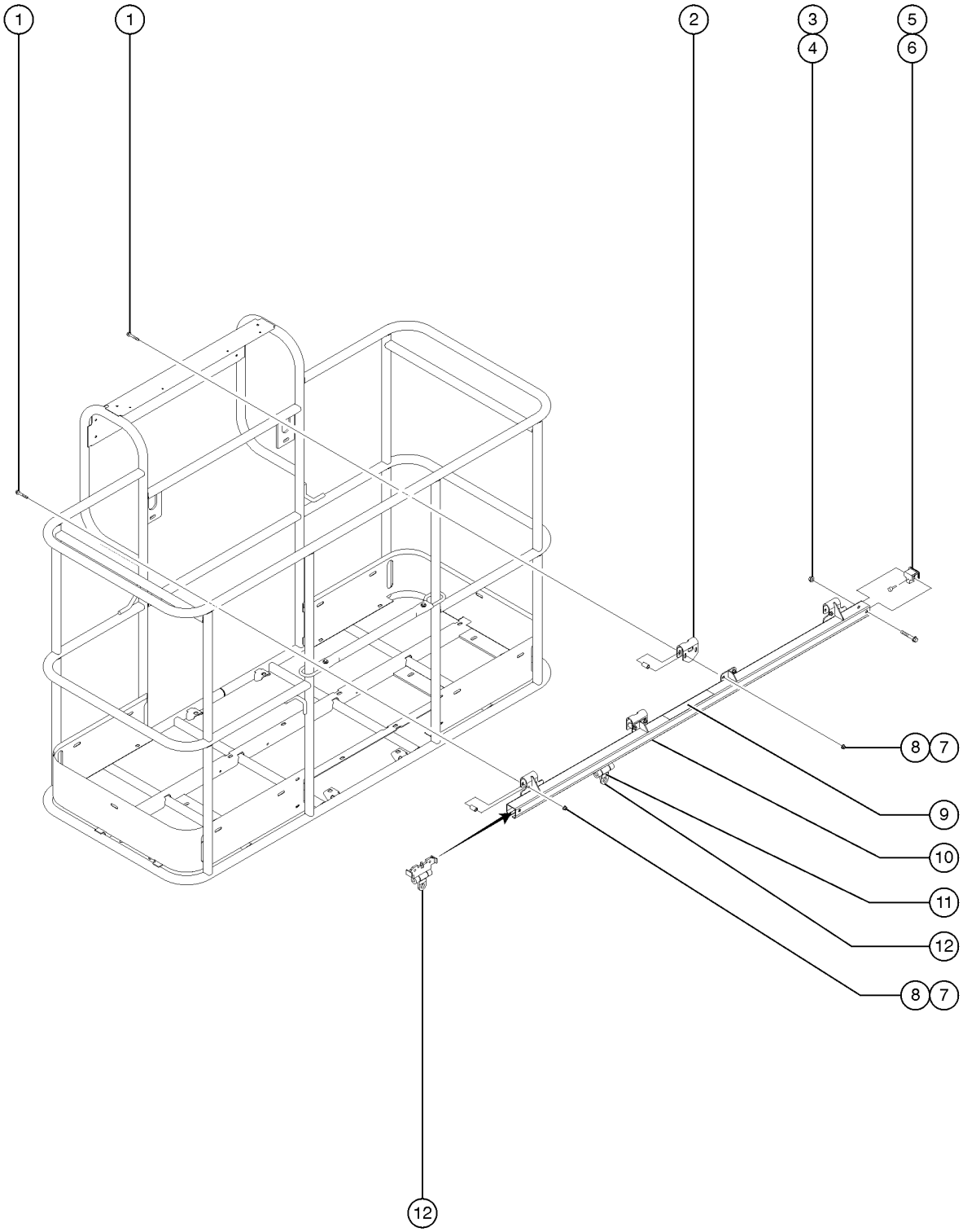
Item	Part No.	Description	Qty.
28	75617-3138GT	PADDING, FOAM 3.0" OD X 1.50" ID	2
29	75617-1538GT	PADDING,FOAM 3.5"OD X 1.50"ID	2

820.1 Operator Protection Structure



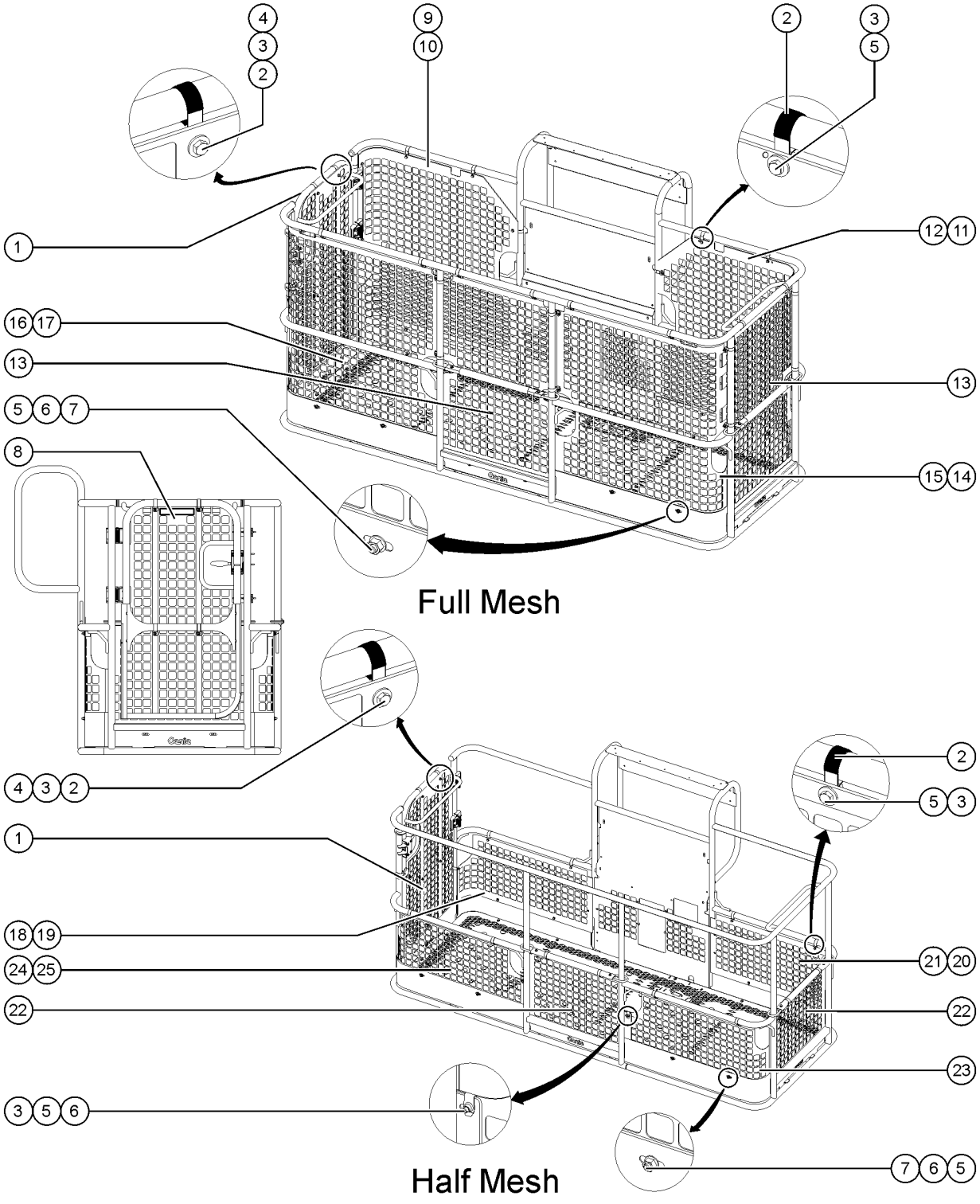
Item	Part No.	Description	Qty.
		Fits all 6' and 8' Booms	
1	219158GT	ACCESSORY,OPERATOR PROT STRUCT (Complete) includes all fasteners	1
2	1256468GT	NUT,3/8-16,8,ZAG	8
3	1255758GT	WASHER,FLAT,3/8,USS,ZAG	12
4	824069GT	SCREW, HHC, 3/8-16 X 2.5, 8, ZAG	4
5	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	4
6	1261184GT	NUT,1/4-20,8,ZAG	4
7	824120GT	WASHER, FLAT, .375 X 1.50 X .125, ZAG Use only with the platform control box cover option	2
8	824113GT	WASHER,FLAT,USS,1/4,ZAG	6
9	824060GT	SCREW, HHC, 1/4-20 X 1, 8, ZAG	4
10		Ref. DECAL, INSTRUCTION, OPS refer to Section 1	1

821.1 Fall Arrest Bar



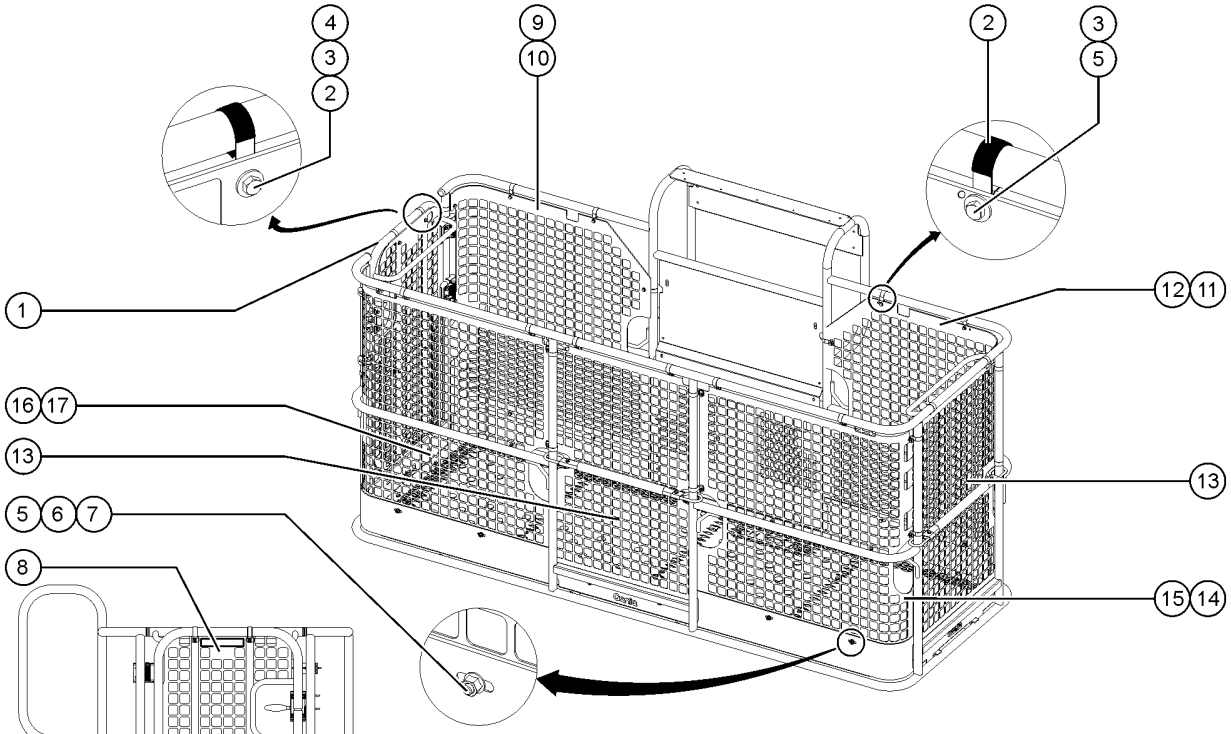
Item	Part No.	Description	Qty.
1	1256856GT	SCREW,HHF,3/8-16X2.5,8,ZAG	4
2	1256389GT	FORMING,INNER HANGER	2
3	1251997GT	NUT,TL FLG,1/2-13,G,ZAG	2
4	1256851GT	SCREW,HHF,1/2-13X3.5,8,ZAG	2
5	1260892GT	END STOP. TFAAS TRACK	2
6	36388GT	BUMPER,RUBBER,.75 X .50H,STUD	2
7	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	8
8	1256481GT	SPACER, HANGER BRACKET	8
9A	1256400GT	DECAL,TFAAS TRACK,WORD	1
9B	1260910GT	DECAL,TFAAS TRACK,SYMBOL	1
9C	1256400FRGT	DECAL,TFAAS TRACK,WORD FR	1
10A	1256377GT	ACC,TFAAS FALL ARREST,8FT WORD includes instructions and decals	1
10A-	1256379GT	ASSY,TFAAS TRACK,8FT WORD includes decals	
10B	1261022GT	ACC,TFAAS FALL ARREST,8FT SYM includes instructions and decals	1
10B-	1261024GT	ASSY,TFAAS TRACK,8FT SYM includes decals	
10C	1261018GT	ACC,TFAAS FALL ARREST,8FT FR includes instructions and decals	1
10C-	1261020GT	ASSY,TFAAS TRACK,8FT FR includes decals	
10D	1256378GT	ACC,TFAAS FALL ARREST,6FT WORD includes instructions and decals	1
10D-	1256380GT	ASSY,TFAAS TRACK,6FT WORD includes decals	
10E	1261023GT	ACC,TFAAS FALL ARREST,6FT SYM includes instructions and decals	1
10E-	1261025GT	ASSY,TFAAS TRACK,6FT SYM includes decals	
10F	1261019GT	ACC,TFAAS FALL ARREST,6FT FR includes instructions and decals	1
10F-	1261021GT	ASSY,TFAAS TRACK,6FT FR includes decals	
11	40434GT	DECAL,LANYARD ANCHORAGE POINT	1
12	1256439GT	TROLLEY, TFAAS TRACK	1

822.1 Platform Mesh-Side Swing Gate 8' and 6'

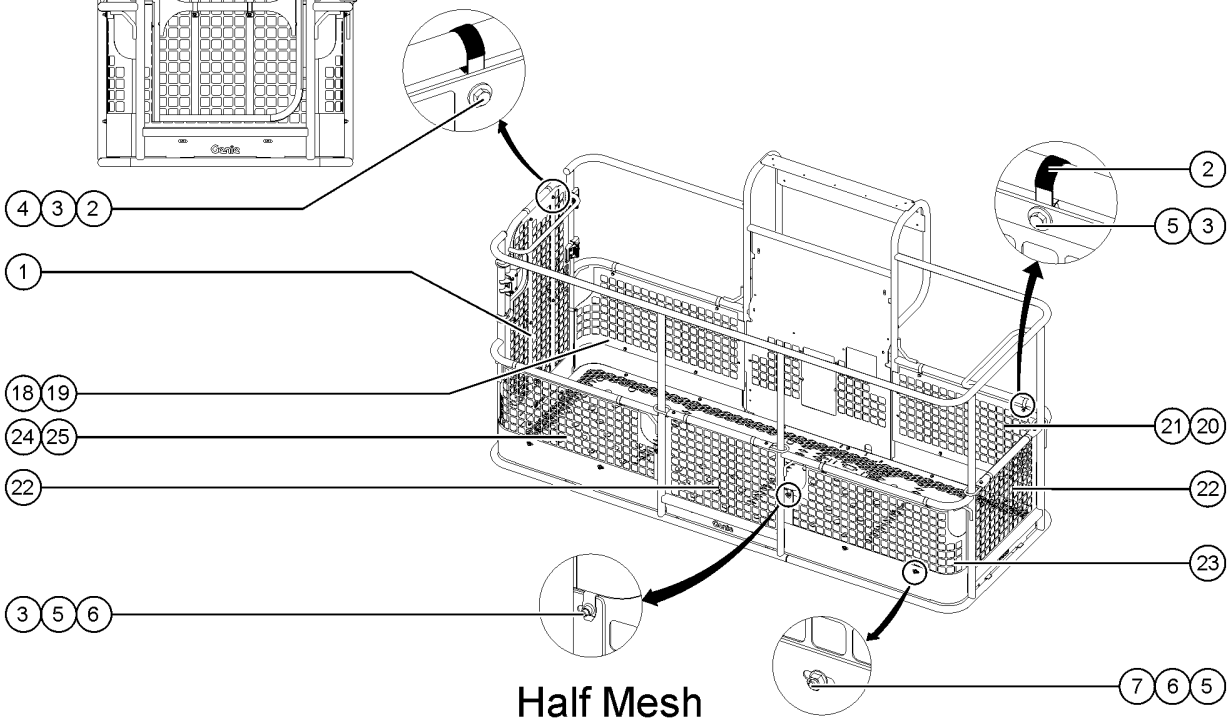


Item	Part No.	Description	Qty.
-	1286622GT	KIT, 6' FULL MESH,SIDE GATE	
-	1275282GT	KIT, 6' HALF MESH,SIDE GATE	
-	1283049GT	KIT, 8' FULL MESH,SIDE GATE	
-	1275281GT	KIT, 8' HALF MESH,SIDE GATE	
1	1278793GT	WELDMENT,PLATFORM MESH GATE	1
2	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	
3	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
4	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	
5	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	
6	824113GT	WASHER,FLAT,USS,1/4,ZAG	
7	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	
8	1282390GT	LABEL, LIFT GUARD, PLATFORM MESH	1
A		FULL MESH	
9	1282204GT	MESH, 6' FULL,BACK LEFT 6 feet platform	1
10	1278790GT	MESH, 8' FULL,BACK LEFT 8 feet platform	1
11	1282205GT	MESH, 6' FULL,BACK RIGHT 6 feet platform	1
12	1279243GT	MESH, 8' FULL,BACK RIGHT 8 feet platform	1
13	1278792GT	MESH, FULL HEIGHT,ENTRY 6 feet platform (front only)	1
13-	1278792GT	MESH, FULL HEIGHT,ENTRY 8 feet platform (side & front)	2
14	1282206GT	MESH, 6' FULL,FRONT RIGHT 6 feet platform	1
15	1278791GT	MESH, 8' FULL,FRONT RIGHT 8 feet platform	1
16	1282207GT	MESH, 6' FULL,FRONT LEFT 6 feet platform	1
17	1279244GT	MESH, 8' FULL,FRONT LEFT 8 feet platform	1
B		HALF MESH	
18	1270314GT	PANEL, HALF MESH 6 feet platform	1
19	1270994GT	PANEL, HALF MESH 8 feet platform	1
20	1270313GT	PANEL, HALF MESH 6 feet platform	1
21	1271019GT	PANEL, HALF MESH 8 feet platform	1

822.1 Platform Mesh-Side Swing Gate 8' and 6'



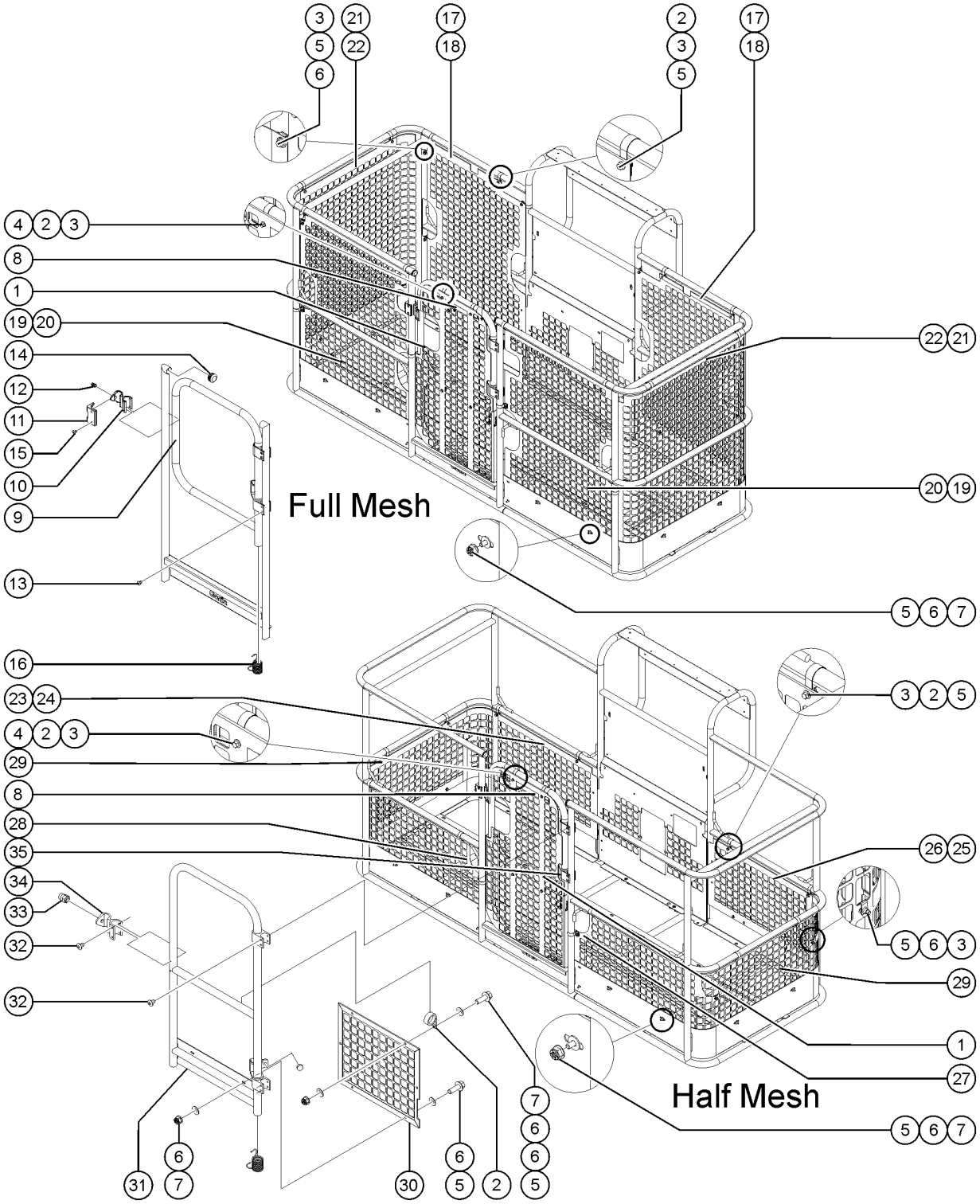
Full Mesh



Half Mesh

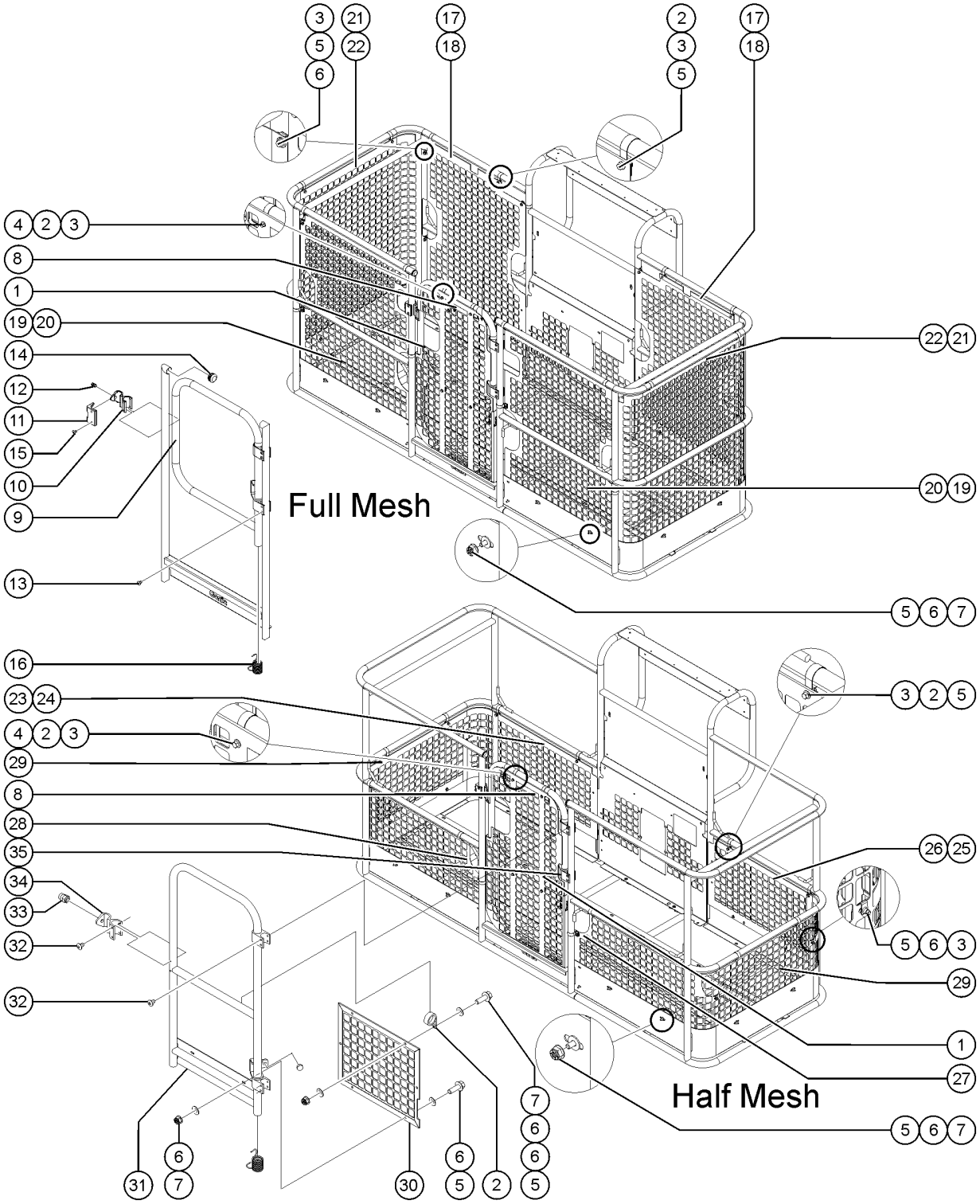
Item	*Part No.*	*Description*	*Qty.*
22	1271061GT	PANEL, HALF MESH 6 feet platform (front only)	1
22-	1271061GT	PANEL, HALF MESH 8 feet platform (side & front)	2
23	1271018GT	PANEL, HALF MESH 8 feet platform	1
24	1270316GT	PANEL, HALF MESH 6 feet platform	1
25	1271040GT	PANEL, HALF MESH 8 feet platform	1

822.2 Platform Mesh-Front Swing Gate 8' and 6'



Item	Part No.	Description	Qty.
-	1290895GT	KIT, 6' FULL MESH W/FRONT HALF GATE	
-	1290893GT	KIT, 6' HALF MESH W/FRONT HALF GATE	
-	1290896GT	KIT, 8' FULL MESH W/FRONT HALF GATE	
-	1290894GT	KIT, 8' HALF MESH W/FRONT HALF GATE	
-	1290135GT	KIT,HALF FRONT,SWING GATE includes items 9-16	
-	128368GT	KIT,SWING GATE W/SPRING (Includes items 31) (doesn't include 63311, 1487, and 1488)	1
1	1278793GT	WELDMENT,PLATFORM MESH GATE	1
2	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	
3	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
4	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	
5	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	
6	824113GT	WASHER,FLAT,USS,1/4,ZAG	
7	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	
8	1282390GT	LABEL, LIFT GUARD, PLATFORM MESH	1
9	1283880GT	WELDMENT,ALUM HALF GATE	1
10	1487GT	GATE LATCH CASTING--DRILLED	1
11	1488GT	RAILING CATCH CASTING--DRILLED	1
12	33674GT	PIN,LOCK,SHORT***	1
13	43392GT	BUMPER,BATTERY BOX & RAILS	1
14	55753GT	BUMPER, PLASTIC, 1.25 O.D.	3
15	824207GT	RIVET, STL, STL, DOME, 1/4 X .375, ZAG	14
16	42104GT	SPRING,SHORT PLATFORM GATE	1
A		FULL MESH	
17	1291429GT	MESH, FULL 6',BACK PANEL 6 feet platform	2
18	1290891GT	8' FULL MESH W/FRONT HALF GATE 8 feet platform	2
19	1291430GT	MESH, FULL 6',FRONT PANEL 6 feet platform	2
20	1290892GT	8' HALF MESH W/FRONT HALF GATE 8 feet platform	2
21	1291428GT	MESH, FULL 6',SIDE PANEL 6 feet platform	2

822.2 Platform Mesh-Front Swing Gate 8' and 6'



Item	Part No.	Description	Qty.
22	1278790GT	MESH, 8' FULL,BACK LEFT 8 feet platform	2
B		HALF MESH	
23	54458GT	MESH,HALF,LH,6'PLATFORM 6 feet platform	1
24	1270994GT	PANEL, HALF MESH 8 feet platform	1
25	1270313GT	PANEL, HALF MESH 6 feet platform	1
26	1271019GT	PANEL, HALF MESH 8 feet platform	1
27	1271018GT	PANEL, HALF MESH 8 feet platform	1
28	1271040GT	PANEL, HALF MESH 8 feet platform	1
29	1291427GT	MESH, 8' HALF,SIDE PANEL 8 feet platform	2
		FULL GATE	
30	54457GT	MESH,HALF,SWING GATE***	1
31	128374GT	WELDMENT,SWING GATE,ALUMINUM	
31-	42104GT	SPRING,SHORT PLATFORM GATE	
31-	43392GT	BUMPER,BATTERY BOX & RAILS	
32	824207GT	RIVET, STL, STL, DOME, 1/4 X .375, ZAG	
33	63311GT	SNAP PIN	
34	1487GT	GATE LATCH CASTING--DRILLED	
35	1488GT	RAILING CATCH CASTING--DRILLED	

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Notes

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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