Genie®
A TEREX BRAND

Parts Manual

Serial Number Range

Z-60/34

from SN 4551 to SN 14370

Part No. 102499
Rev: K.04
June 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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Fourth Edition, Eleventh Printing

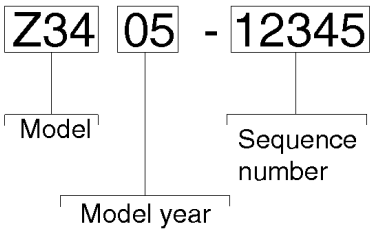
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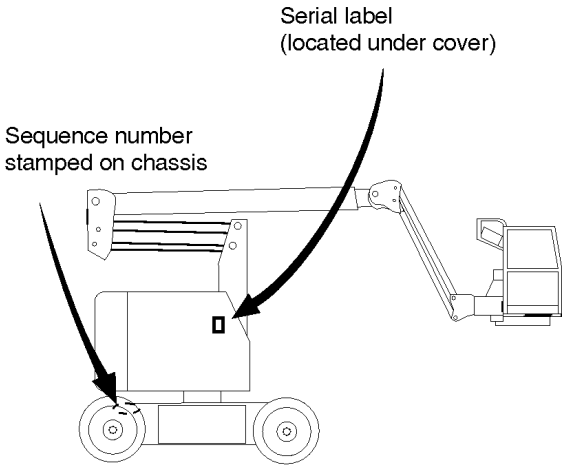
A TEREX BRAND

Model: Z-34/22
Serial number: Z3405-12345
Model year: 2005 **Manufacture date:** 04/12/05
Electrical schematic number: XXXXXX
Machine unladen weight:

Rated work load (including occupants): XXXX kg
Maximum number of platfrm occupants: X
Maximum allowable side force : XXX N
Maximum allowable inclination of the chassis:
0 deg
Maximum wind speed : XX mph/ XX m/s
Maximum platform height : XX ft / XX m
Maximum platform reach : XX ft / XX m
Gradeability: XX
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





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

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
Kit,Annual Inspection, Z-60, from Z60-8875	1285412

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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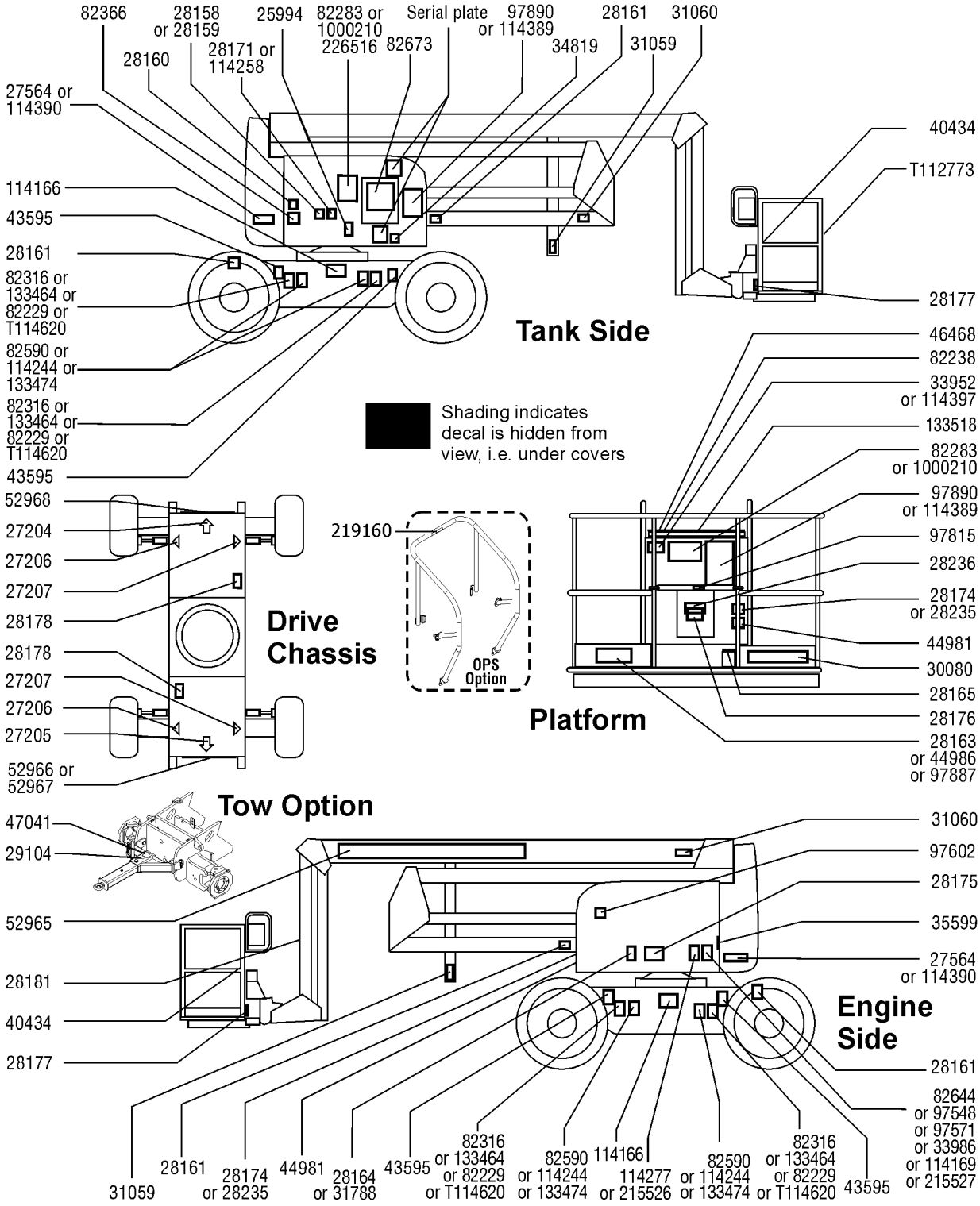
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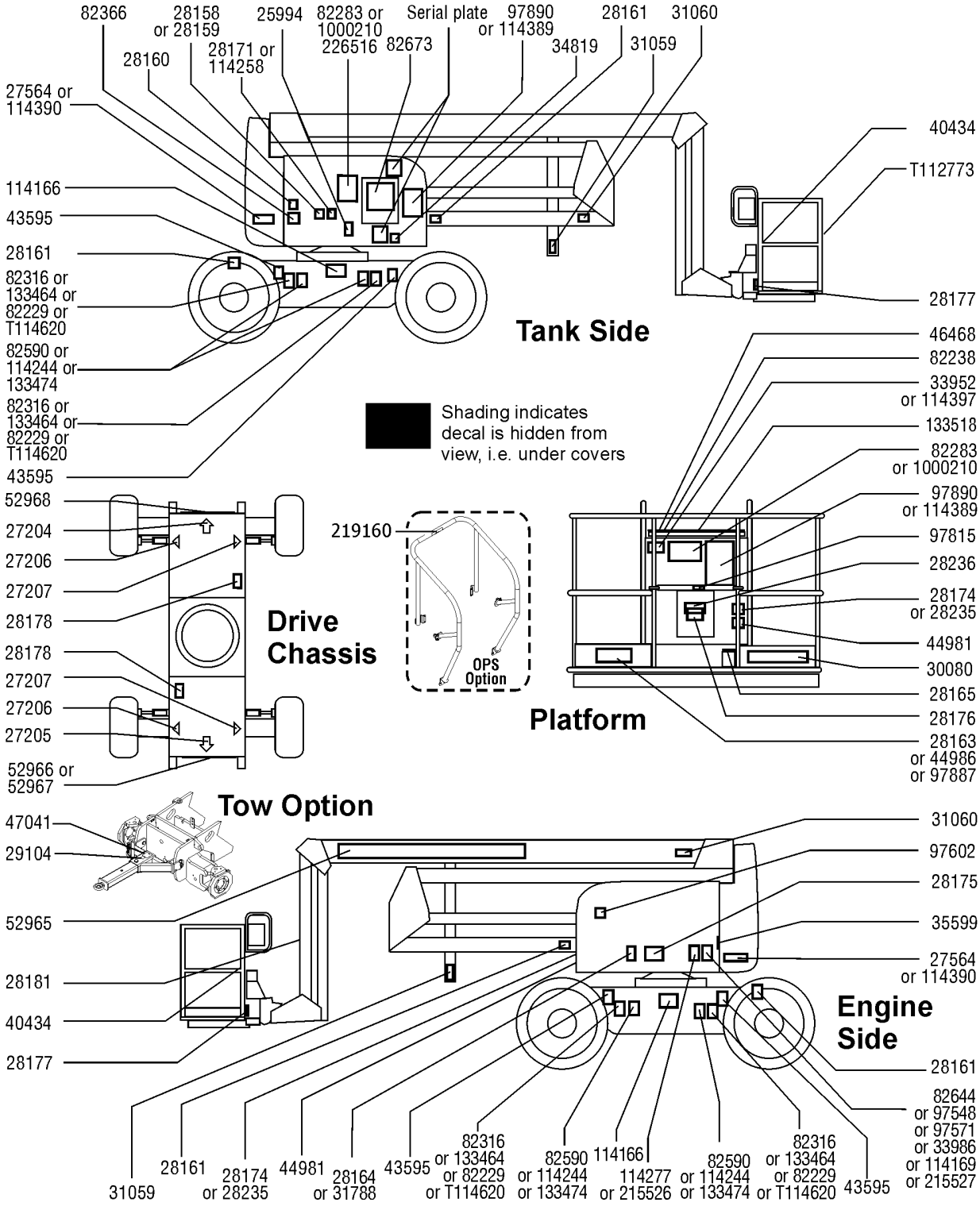
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101.1 Decals with Words



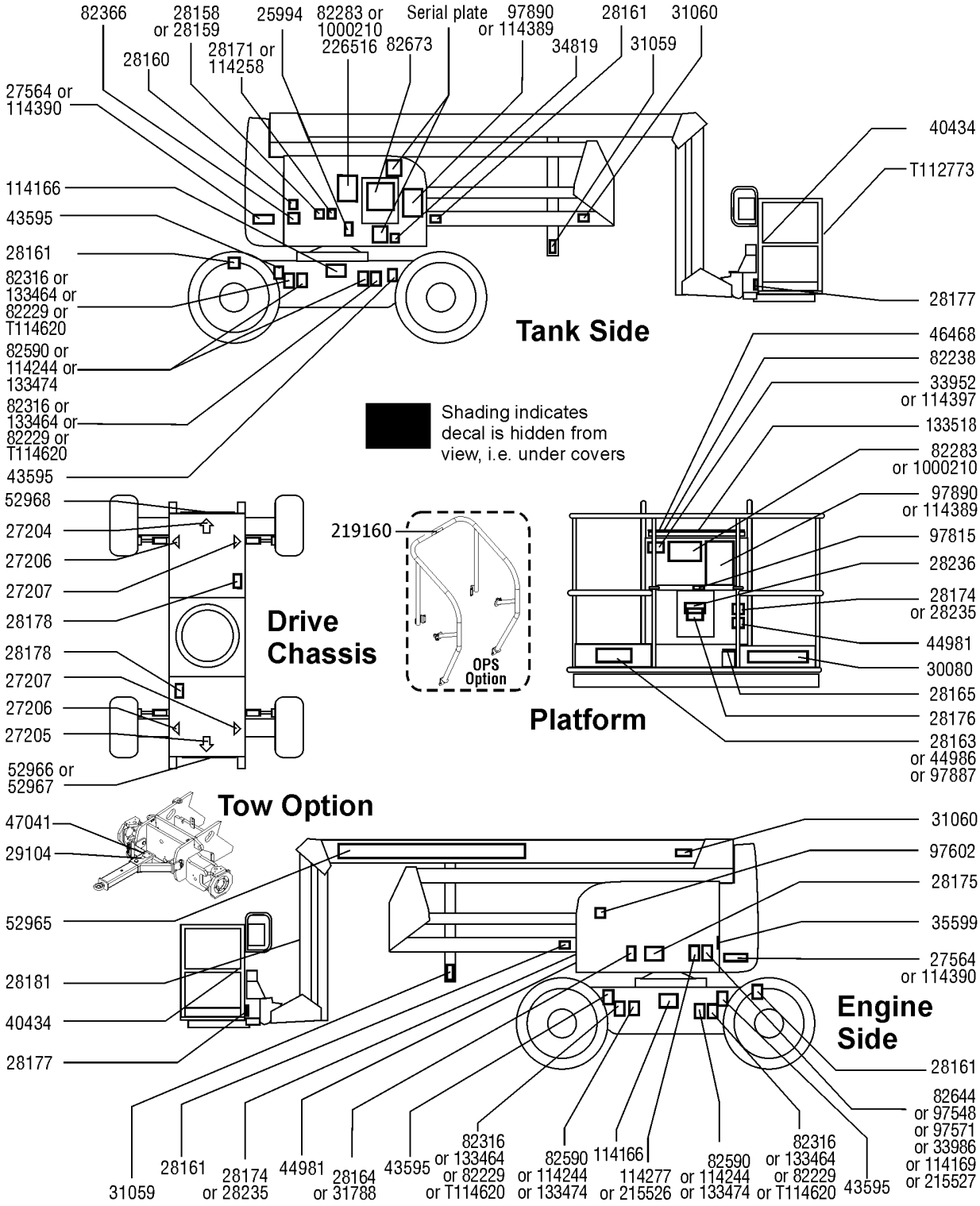
Item	Part No.	Description	Qty.
A-	102500GT	DECAL KIT,WORDS, Z60/34 includes items 1-9, 12-14, 16-20, 22, 24-31, 38, 39, 41-49; from SN 4551 to SN 5709	
B-	111321GT	DECAL KIT,WORDS, Z60/34 includes items 1-9, 12-14, 16-20, 22, 24-31, 38, 39, 41-49; from SN 5710 to 10160	
C-	226102GT	DECAL KIT,WORDS, Z60/34 includes items 1-9, 12-14, 16-20, 22, 24-31, 38, 39, 41-49; from SN 10161	
	826805GT	DECAL KIT,Z60,PLAT,WRD-1,ANSI/AUS platform kit from SN 4551 to 8876	
	826807GT	DECAL KIT,Z60,PLAT,WRD-2,ANSI/AUS platform kit from SN 8877 to 14370	
	826806GT	DECAL KIT,Z60,COMP,WRD,ANSI ANSI complete kit from SN 9870 to 14370	
	826808GT	DECAL KIT,Z60,COMP,WRD,AUS AUS complete kit from SN 10782 to 14370	
D-	97884GT	DECAL,SOFTWARE,Z-60	
1	25994GT	DECAL,NOTICE,SHUTOFF VALVES	1
2	27204GT	DECAL,ARROW BLUE	1
3	27205GT	DECAL,ARROW YELLOW LRG 9"	1
4	27206GT	DECAL,TRIANGLE,BLUE	2
5	27207GT	DECAL,TRIANGLE,YELLOW	2
6	27564GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	2
6-	114390GT	DECAL,DANGER,ELECT HAZARD*** from SN 8877	2
7	28158GT	DECAL,LABEL,UNLEADED GAS ONLY	1
8	28159GT	DECAL,DIESEL	1
9	28160GT	DECAL,LABEL,LIQUID PROPANE	2
10	28161GT	DECAL,WARN,CRUSH HAZARD HAND	3
11	97887GT	DECAL,INSTR,MAX SIDE FRC,ANSI USA / Canada models	1
11-	44986GT	DECAL,INSTR,SIDE FRC/WIND,AUS Australia models	1
12	28164GT	DECAL,NOTICE,HAZARDOUS MAT'LS* to SN 8876	1
12-	31788GT	DECAL,DANGER,BATTERY SAFETY*** from SN 8877	
13	28165GT	DECAL,INSTRUCT,FOOTSWITCH OPER	1
14	28171GT	DECAL,DANGER,NO SMOKING ***	1
14-	114258GT	DECAL,DANGER,NO SMOKING from SN 8877	
15	28174GT	DECAL,POWER TO PLATFORM 230V	2
16	28175GT	DECAL,WARNING-COMPART ACCESS	1

101.1 Decals with Words



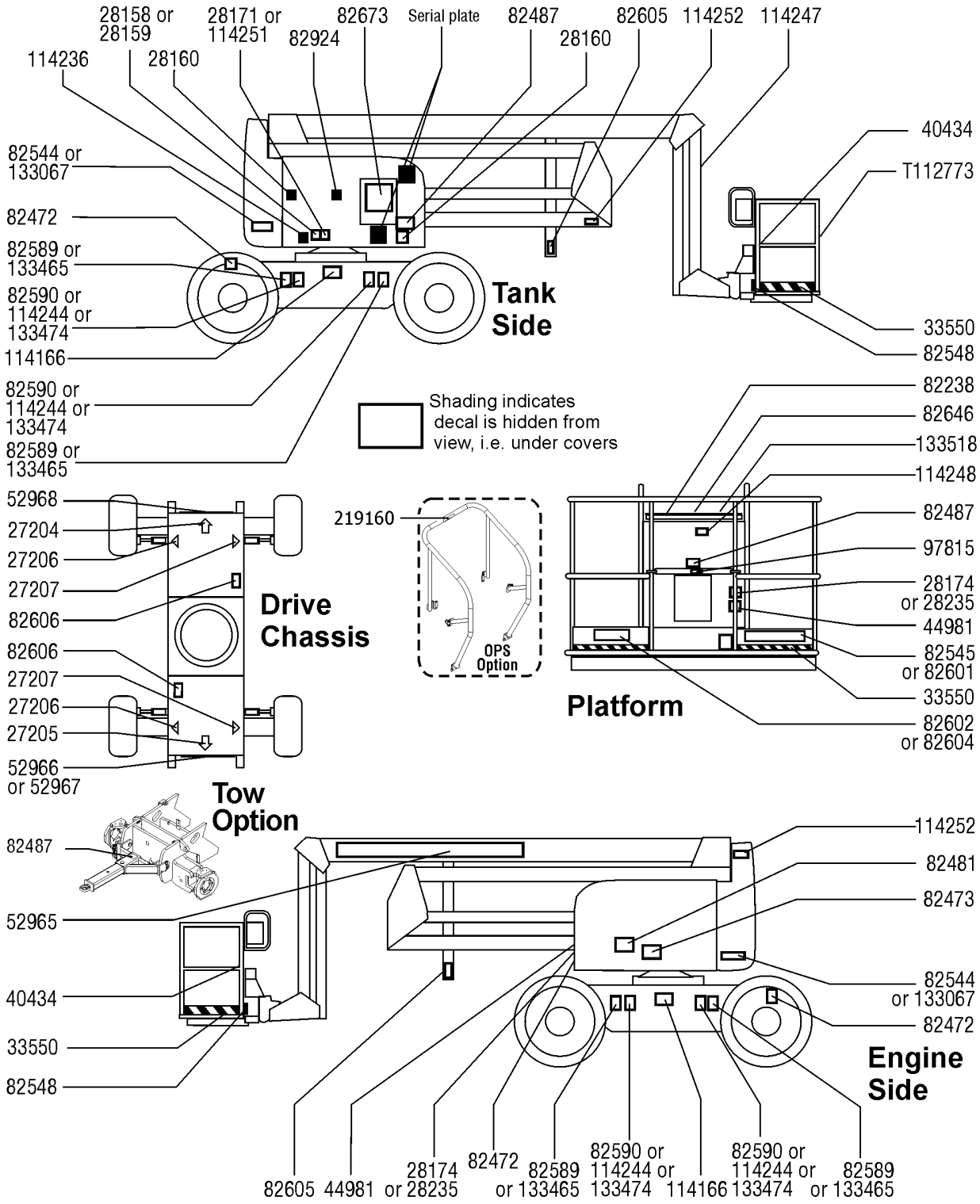
Item	Part No.	Description	Qty.
17	28176GT	DECAL,LABEL,MANUAL NOT HERE	1
18	28177GT	DECAL,WARN,CRUSH HAZARD PLAT	2
19	28178GT	DECAL,WARN,SHEAR TURNTABLE	2
20	28181GT	DECAL,WARN,FALL HAZARD	1
21	28235GT	DECAL,POWER TO PLATFORM 115V	2
22	28236GT	DECAL,WARN,IMPROPER OPERATION	1
23	30080GT	DECAL,NOTICE,MAX LOAD 500 LBS	1
24	31059GT	DECAL,WARNING COLLISION HAZARD	2
25	31060GT	DECAL,DANGER DO NOT ALTER SWTC	2
26	97890GT	DECAL,DANGER,GEN SAFETY RULES to SN 8876	2
26-	114389GT	DECAL,DANGER,GENERAL SAFETY from SN 8877	2
27	133518GT	DECAL, PATCH, GEN,ALC-500	1
28	33952GT	DECAL,DANGER,TILT ALARM to SN 8876	1
28-	114397GT	DECAL,DANGER,TILT ALARM from SN 8877	
29	33986GT	DECAL,NOTICE,DEUTZ ENG SPEC to SN 4607	1
29-	97548GT	DECAL,ENGINE SPEC,DEUTZ 2011 from SN 4608	1
30	35599GT	DECAL,NOTICE,AIR INLET***	1
31	40434GT	DECAL,LANYARD ANCHORAGE POINT	2
32	44981GT	DECAL,LABEL,AIRLINE 110 PSI	2
33	52965GT	DECAL,COSMETIC,GENIE Z-60/34	1
34	52966GT	DECAL,COSMETIC,4 X 2	1
35	52967GT	DECAL,COSMETIC,4 X 4	1
36	52968GT	DECAL,COSMETIC,GENIE BOOM,VERT	1
37	77046GT	SERIAL # LABEL,MYLAR 4X8***	1
37-	77183GT	FILM,POLY,CLEAR,4.5 X 8.75	
38	82229GT	DECAL,NOTICE,HI FLOAT TIRES to SN 10160	4
38-	T114620GT	DECAL,NOTICE,HI FLOAT TIRES from SN 10161	
39	82238GT	DECAL,PLATFORM CONTROL PANEL	1

101.1 Decals with Words



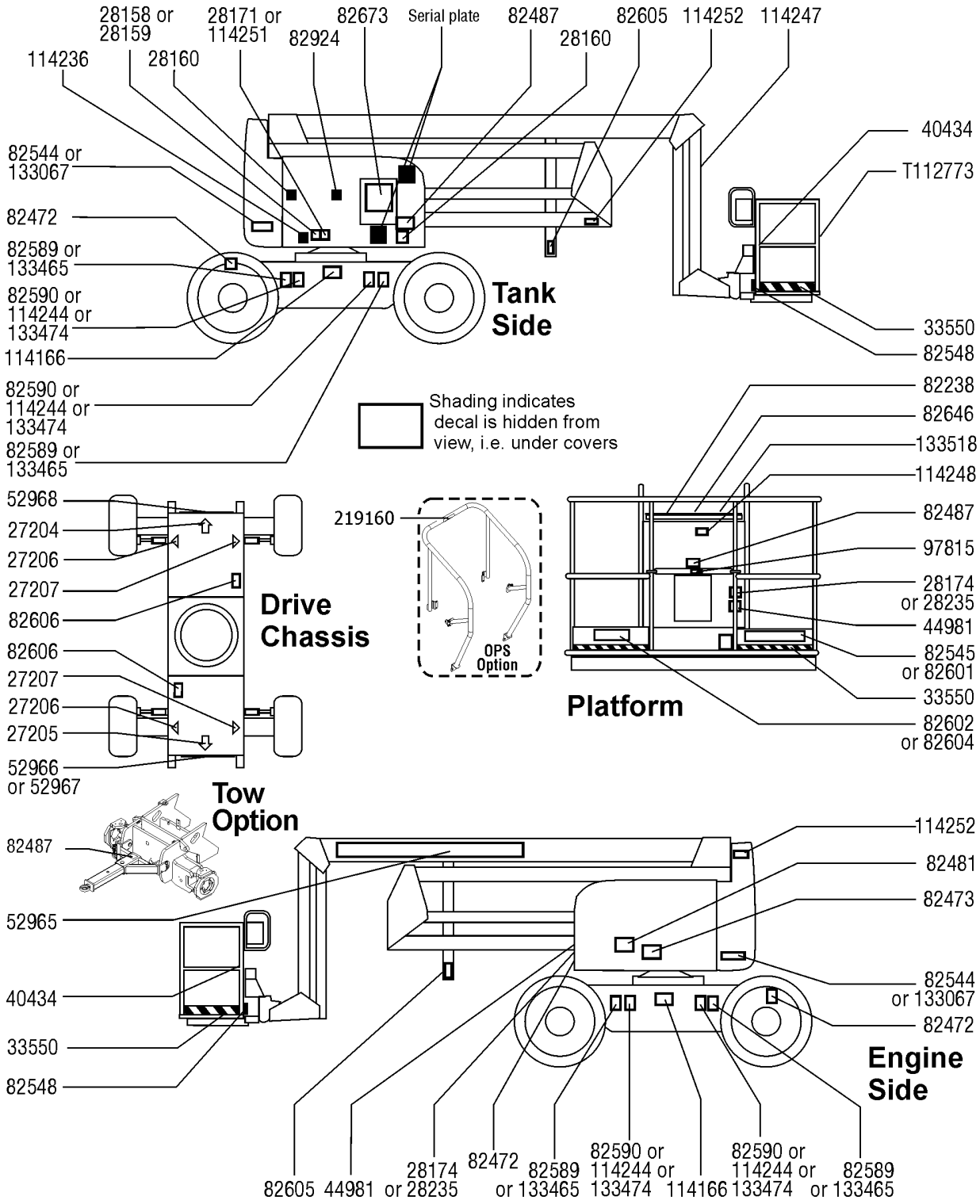
Item	Part No.	Description	Qty.
39-	82244GT	DECAL,PROTECTOR,CLEAR***	
40	82243GT	DECAL FAULT CODE	1
41	82283GT	DECAL,NOTICE,OPER INST.IC*** to SN 5709	2
41-	1000210GT	DECAL,NOTICE,OPER INST.IC from SN 5710	2
42	82316GT	DECAL,NOTICE TIRE PRESSURE to SN 10160	4
42-	133464GT	DECAL,NOTICE TIRE PRESSURE from SN 10161	4
43	82366GT	DECAL,CHEVRON RANDO HD	1
44	114244GT	DECAL,LABEL,WHEEL LOAD Z60 to SN 10160	4
44-	133474GT	DECAL,LABLE WHEEL LOAD Z60 from SN 10161	3
45	82644GT	DECAL, ENGINE SPEC, PERKINS Perkins Models; to SN 9339	1
45-	133238GT	DECAL,ENGINE SPEC,PERKINS*** Perkins Models; from SN 9340	
45-	133278GT	DECAL,LOW/ULTRA LOW SULFR FUEL Perkins Models; from SN 9340	
46	82673GT	DECAL,GND CONT PNL,Z60	1
47	97571GT	DECAL,NOTICE,FORD ENG SPECS T2 to SN 6320	1
47-	114169GT	DECAL,FORD ENGINE SPEC DSG423 from SN 6321 to SN 11788	
47-	215527GT	DECAL,FORD ENGINE SPEC MSG425 from SN 11789	
47-	114277GT	DECAL,LABEL,BELT ROUTING DSG to SN 11788	
47-	215526GT	DECAL,LABEL,BELT,MSG425 from SN 11789	
48	97602GT	DECAL,EXPLOSION HAZARD	1
49	97815GT	DECAL,LABEL,LOWER MIDRAIL	1
50	114166GT	DECAL,LABEL,TRANSPORT DIAGRAM	2
51	T112773GT	TAPE, PROTECTIVE MASK from SN 10484	2
52	43595GT	DECAL,DANGER,TIP-OVER,TIRES*** Australia models	4
53	226516GT	DECAL,INST,OPER INST,Z60,AUS Australia models	1
54	29104GT	DECAL,TOWING INSTRUCTIONS Tow option	
55	47041GT	DECAL,CAUTION,TOWING SPEED Tow option	
56	46468GT	DECAL,FUNCTION OVERRIDE Aircraft Protection Package	1
57	219160GT	DECAL, INSTRUCTION, OPS option	1

102.1 Decals with Symbols



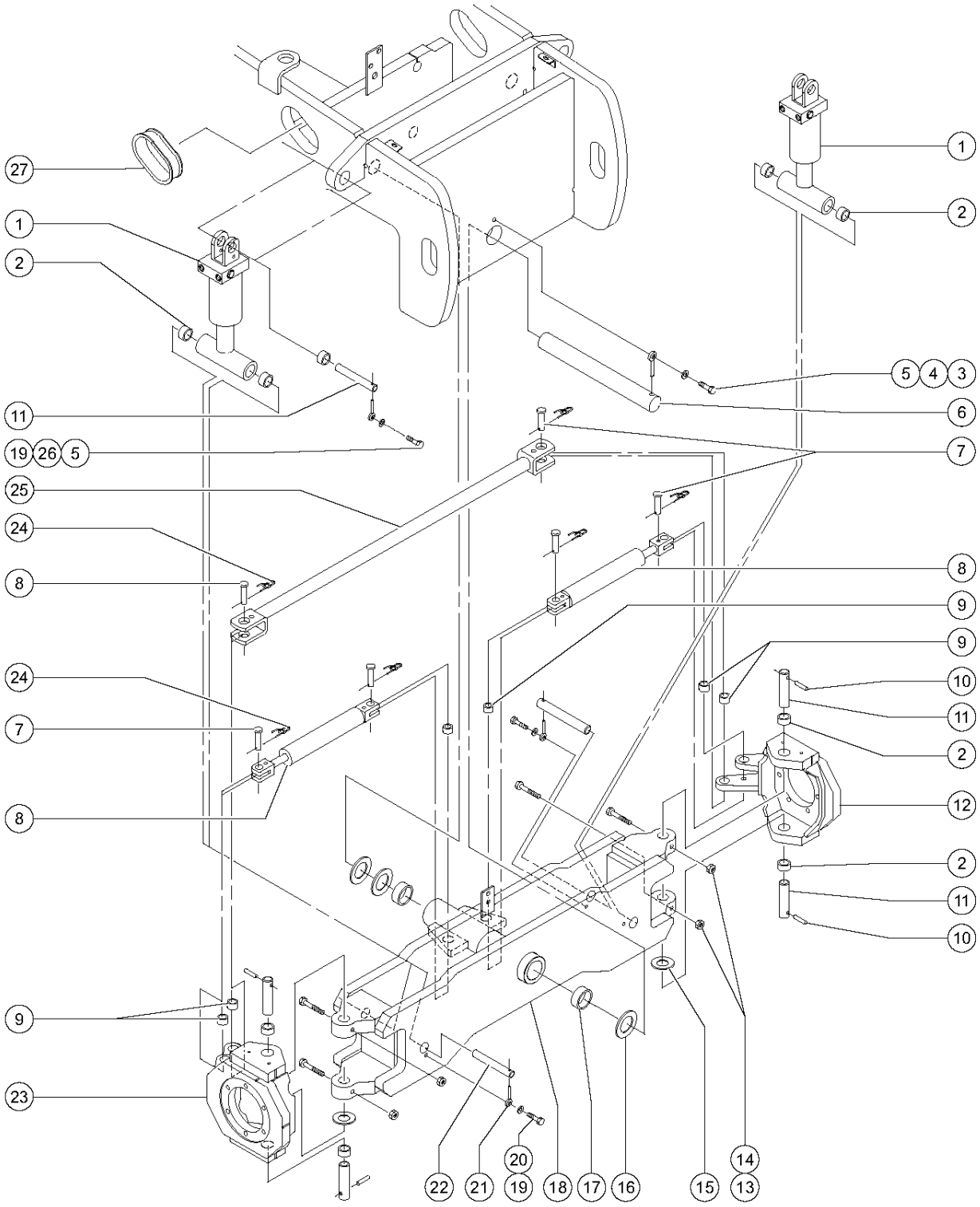
Item	Part No.	Description	Qty.
A	826811GT	DECAL KIT,Z60,PLAT,SYM,CE/ANSI platform kit from 4551 to 14370	
B	826810GT	DECAL KIT,Z60,COMP,SYM,ANSI ANSI complete kit from SN 9870 to 14370	
B	826812GT	DECAL KIT,Z60,COMP,SYM,CE CE complete kit from SN 9870 to 14370	
C-	97884GT	DECAL,SOFTWARE,Z-60	
1	27204GT	DECAL,ARROW BLUE	1
2	27205GT	DECAL,ARROW YELLOW LRG 9"	1
3	27206GT	DECAL,TRIANGLE,BLUE	2
4	27207GT	DECAL,TRIANGLE,YELLOW	2
5	28158GT	DECAL,LABEL,UNLEADED GAS ONLY	1
6	28159GT	DECAL,DIESEL	1
7	28160GT	DECAL,LABEL,LIQUID PROPANE	2
8	28171GT	DECAL,DANGER,NO SMOKING *** to SN 8876	1
8-	114251GT	DECAL,LABEL,NO SMOKING,SYMB from SN 8877	
9	28174GT	DECAL,POWER TO PLATFORM 230V	2
10	28235GT	DECAL,POWER TO PLATFORM 115V	2
11	133518GT	DECAL, PATCH, GEN,ALC-500	1
12	40434GT	DECAL,LANYARD ANCHORAGE POINT	3
13	44981GT	DECAL,LABEL,AIRLINE 110 PSI	2
14	52965GT	DECAL,COSMETIC,GENIE Z-60/34	1
15	52966GT	DECAL,COSMETIC,4 X 2	1
16	52967GT	DECAL,COSMETIC,4 X 4	1
17	52968GT	DECAL,COSMETIC,GENIE BOOM,VERT	1
18	72867GT	DECAL,LABEL,LIGHTS***	1
19	82238GT	DECAL,PLATFORM CONTROL PANEL	1
19-	82244GT	DECAL,PROTECTOR,CLEAR***	
20	82472GT	DECAL,WARNING,CRUSHING HAZARD	3
21	82473GT	DECAL,SYMBOL-COMP ACCESS	1
22	82487GT	DECAL,SYMBOL-READ THE MANUAL	2

102.1 Decals with Symbols



Item	Part No.	Description	Qty.
23	82544GT	DECAL,DANGER,ELEC.HAZ.STAY CLR to SN 8876	2
23-	133067GT	DECAL,DANGER,ELEC.HAZ.STAY CLR from SN 8877	
24	82545GT	DECAL,DANGER,MAX LOAD 227 KG** to SN 8876	1
24-	82601GT	DECAL,LABEL,MAX CAPACITY*** from SN 8877	
25	82548GT	DECAL,WARN,CRUSH HAZARD PLAT	2
26	82673GT	DECAL,GND CONT PNL,Z60	1
27	82589GT	DECAL,LABEL,TIRE PRESSURE,Z60 to SN 10160	4
27-	133465GT	DECAL,LABLE,TIRE PRESSURE,Z60 from SN 10161	
28	114244GT	DECAL,LABEL,WHEEL LOAD Z60 to SN 10160	
28-	133474GT	DECAL,LABLE WHEEL LOAD Z60 from SN 10161	
29	82602GT	DECAL,DANGER,MAX SIDE FRC,667N Asia / South America	1
30	82604GT	DECAL,DANGER,SIDE FRC 400N European models	1
31	82605GT	DECAL,WARNING,COLLISION HAZARD	2
32	82606GT	DECAL,WARNING,SHEAR POINT	2
33	82646GT	DECAL,DRIVE ENABLE PATCH	1
34	82924GT	DECAL,CAUTION,SHUTOFF VALVES** to SN 8876	1
35	97815GT	DECAL,LABEL,LOWER MIDRAIL	1
36	114166GT	DECAL,LABEL,TRANSPORT DIAGRAM	2
37	82240GT	DECAL,LABEL,105 DB European Models	1
38	82481GT	DECAL,SYMBOL-BATTERY SAFETY from SN 8877	1
39	114252GT	DECAL,LABEL,TIP OVER LMT SWTCH from SN 8877	2
40	114247GT	DECAL,LABEL,FALL HAZARD*** from SN 8877	1
41	114248GT	DECAL,LABEL,TIPOVER,TILT AL SY from SN 8877	1
42	33550GT	TAPE,WARNING,BLK/YEL, 50'*** European Models; from SN 8399	1 roll
43	114236GT	DECAL,LABEL,CB SYMBOL (MTE generator option)	
44	T112773GT	TAPE, PROTECTIVE MASK from SN 10484	2
45	82487GT	DECAL,SYMBOL-READ THE MANUAL Tow option	
46	219160GT	DECAL, INSTRUCTION, OPS option	1

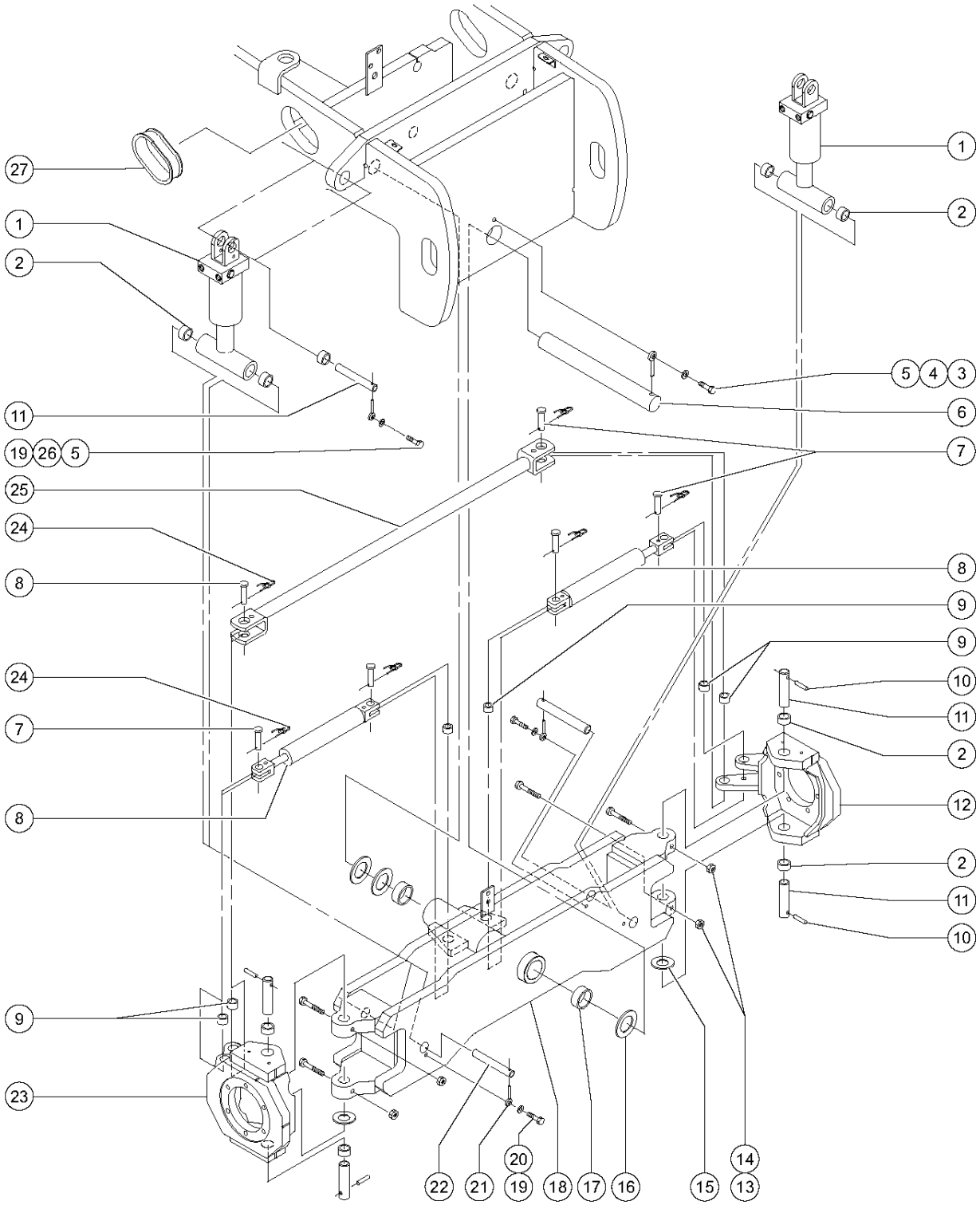
201.1 Steer Axle Linkage, Oscillate Models (2WD, 4WD)



201.1 Steer Axle Linkage, Oscillate Models (2WD, 4WD)

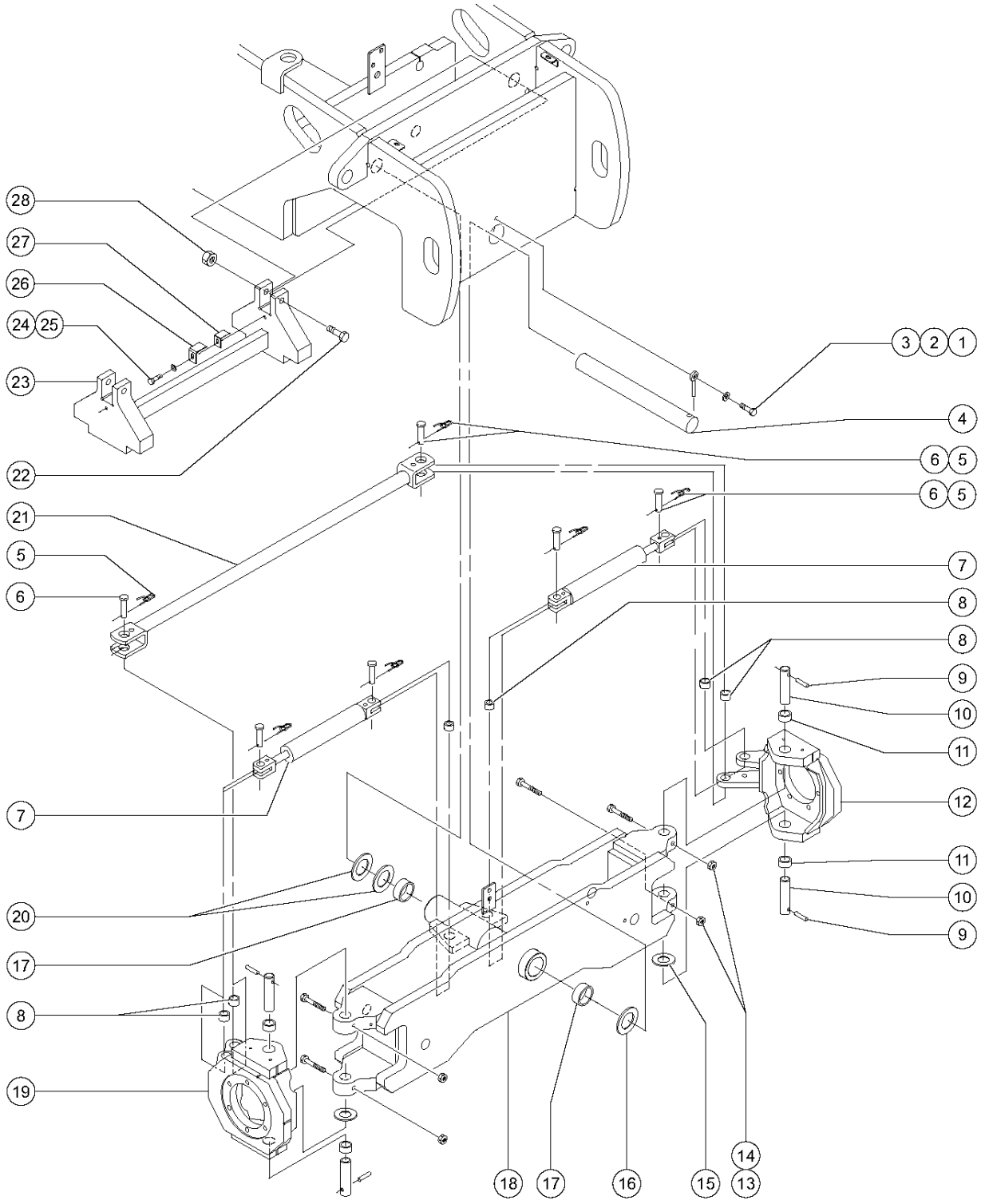
Item	Part No.	Description	Qty.
1	89675GT	CYLINDER, OSCILLATE*** includes item 2	2
1-	89295GT	SEAL KIT,CYLINDER (63189)	
1-	32722GT	VALVE,COUNTERBAL.CBCG-LJN@3000	
2	119619GT	BEARING,1.5 ID X 1.75 ODX1.5L	8
3	8177GT	SCREW,HHC,1/2-13 X 1.5	
4	6033GT	WASHER,LOCK,0.5"	
5	1256267GT	ROD END,.5 X 3.75,ZAG	3
6	73766GT	PIN,2.5 DIA X 23.88 LG	1
7	19440GT	PIN,CLEVIS,1 X 2.5 LG	6
8	59460GT	CYLINDER,STEERING***	2
8	89294GT	SEAL KIT CYLINDER (59460)	
9	53452GT	BEARING,1.00IDX1.50ODX1.00L	6
10	14815GT	PIN,ROLL,SST,.25 X 2.25	4
11	53081GT	PIN,1.50DIAX4.76LG,2HOLE	6
12	102152GT	YOKE PIVOT ASSEMBLY,L.H. includes items 3 and 10 (Tank side)	1
13	6086GT	NUT,LP NYLOCK,1/2-13	
14	8220GT	SCREW,HHC,1/2-13 X 4	
15	45074GT	WASHER,THRUST,1.5 X 3.5 X .187	
16	25436GT	WASHER,THRUST,2.56 X 4.0 X.18 to SN 9810	
16-	101504GT	SHIM,AXLE,2.56 (refer to 203.1); from SN 9811	
17	27698GT	BEARING,2.50IDX2.75ODX2.00L	
18	89329GT	STEER AXLE ASSEMBLY includes items 9 and 17	1
19	6175GT	SCREW,HHC,3/8-16 X 1	
20	6021GT	WASHER, LOCK, .375	
21	825019GT	ROD END, .375X3.69, ZAG	2
22	34641GT	PIN,OSC. AXLE/DRIVE CHASSIS	2
23	102153GT	YOKE PIVOT ASSEMBLY,R.H. includes items 3 and 10 (Engine side)	1
24	74389GT	RUE RING 1.00	6

201.1 Steer Axle Linkage, Oscillate Models (2WD, 4WD)



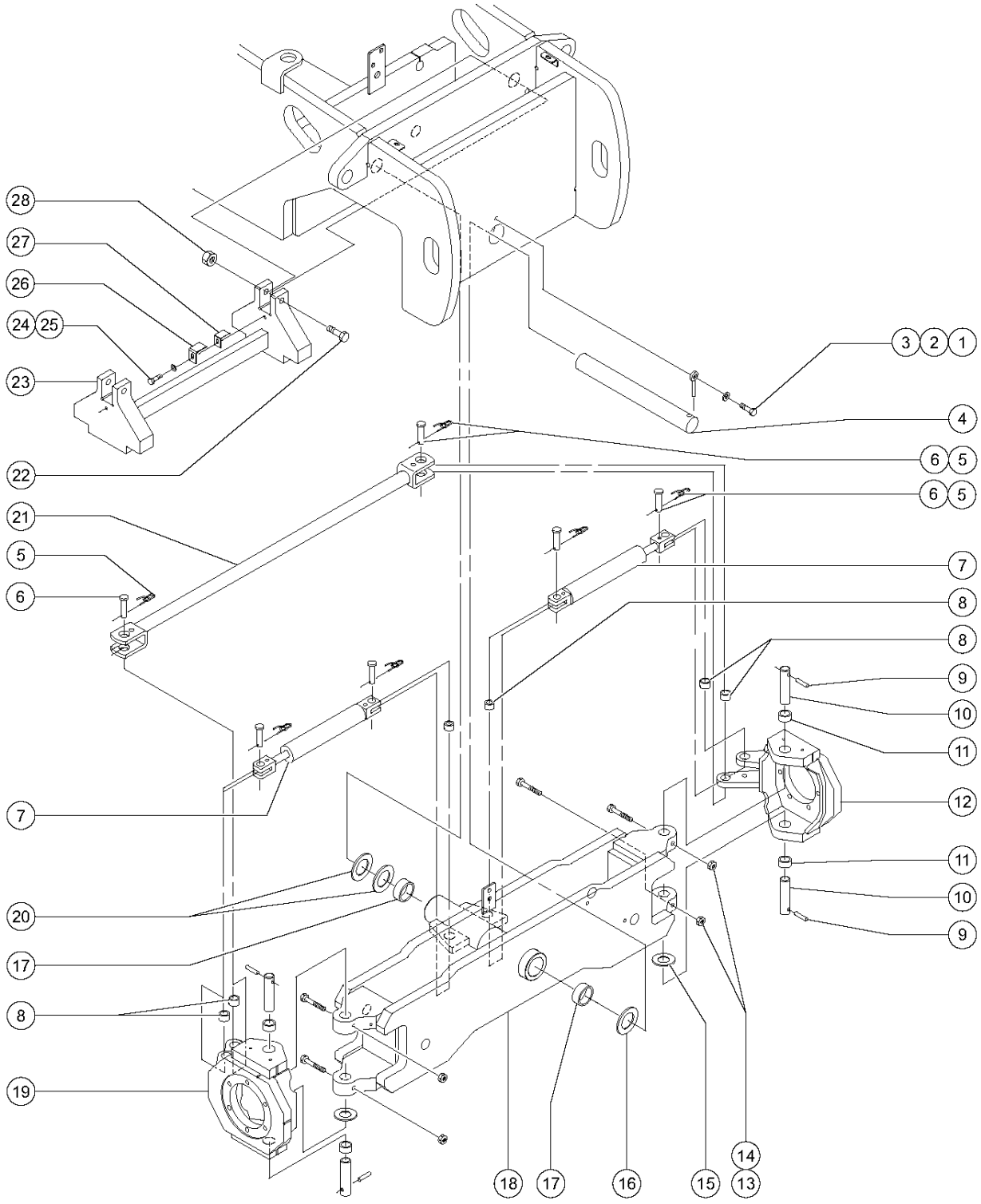
Item	Part No.	Description	Qty.
25	63155GT	WELDMENT,TIE ROD	1
26	6097GT	WASHER, FLAT, USS, 3/8", Y	
27	53387GT	GUARD, HOSE PROTECTOR	2

202.1 2WD Steer Axle Linkage, No-oscillate Models



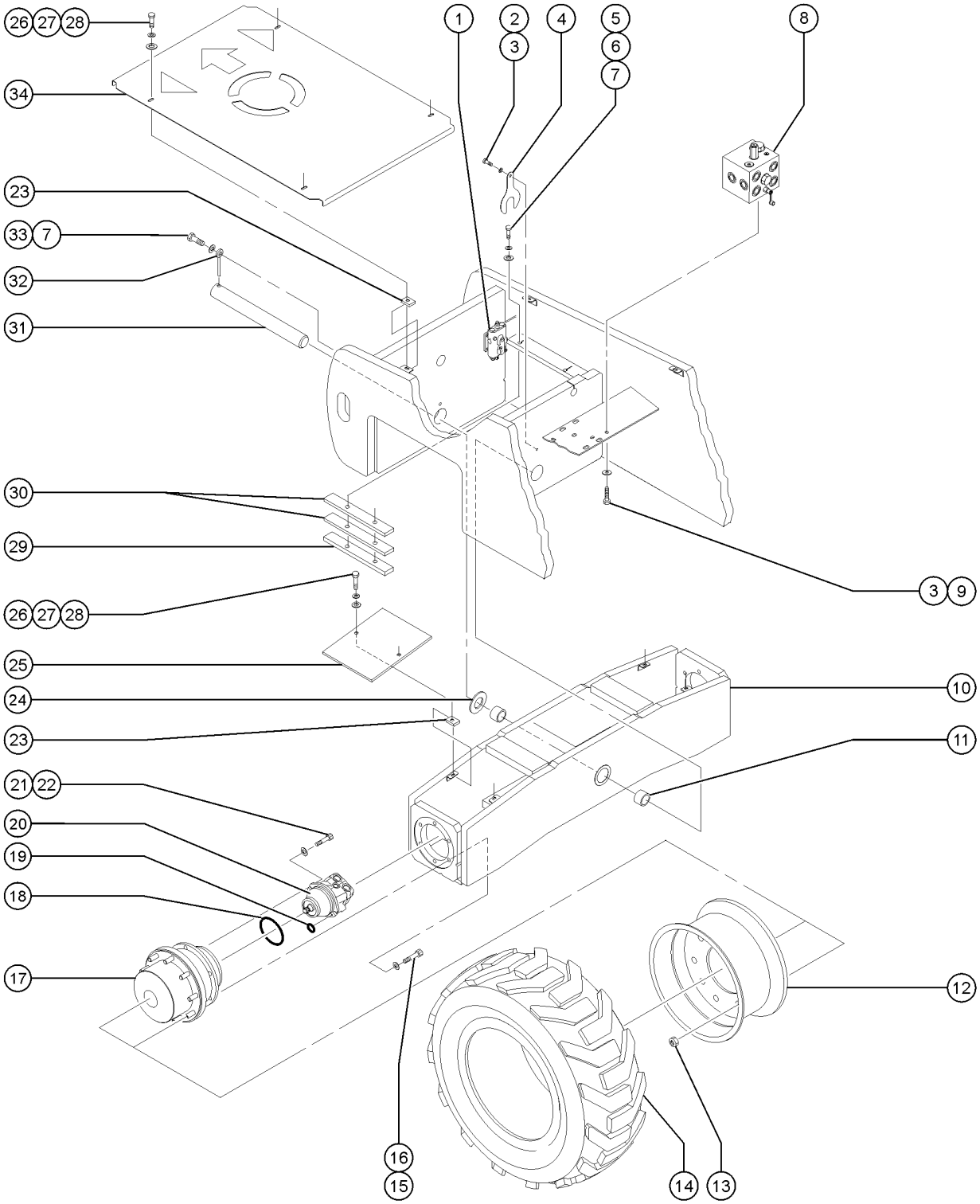
Item	Part No.	Description	Qty.
1	8177GT	SCREW,HHC,1/2-13 X 1.5	
2	6033GT	WASHER,LOCK,0.5"	
3	1256267GT	ROD END,.5 X 3.75,ZAG	1
4	73766GT	PIN,2.5 DIA X 23.88 LG	1
5	74389GT	RUE RING 1.00	6
6	19440GT	PIN,CLEVIS,1 X 2.5 LG	6
7	59460GT	CYLINDER,STEERING***	2
7-	89294GT	SEAL KIT CYLINDER (59460)	
8	53452GT	BEARING,1.00IDX1.50ODX1.00L	6
9	14815GT	PIN,ROLL,SST,.25 X 2.25	4
10	53081GT	PIN,1.50DIAX4.76LG,2HOLE	4
11	119619GT	BEARING,1.5 ID X 1.75 ODX1.5L	4
12	102152GT	YOKE PIVOT ASSEMBLY,L.H. includes items 8 and 11 (Tank side)	1
13	6086GT	NUT,LP NYLOCK,1/2-13	
14	8220GT	SCREW,HHC,1/2-13 X 4	
15	45074GT	WASHER,THRUST,1.5 X 3.5 X .187	4
16	25436GT	WASHER,THRUST,2.56 X 4.0 X.18 to SN 9810	
16-	101504GT	SHIM,AXLE,2.56 (refer to 203.1); from SN 9811	
17	27698GT	BEARING,2.50IDX2.75ODX2.00L	2
18	89329GT	STEER AXLE ASSEMBLY includes items 8 and 17	1
19	102153GT	YOKE PIVOT ASSEMBLY,R.H. includes items 3 and 10 (Engine side)	1
20	29746GT	WASHER,FLAT,2.5 X 4 X .062	
21	63155GT	WELDMENT,TIE ROD	1
22	53909GT	SCREW,HHC,5/8-11 X 4.0 GR8	14
23	73449GT	WELDMENT,NON-OSCILLATE	1
24	6175GT	SCREW,HHC,3/8-16 X 1	
25	6021GT	WASHER, LOCK, .375	
26	73476GT	SHIM,FRONT AXLE NON-OSC, 22 GA	2

202.1 2WD Steer Axle Linkage, No-oscillate Models



Item	Part No.	Description	Qty.
27	73475GT	SHIM,FRONT AXLE NON-OSC, 12 GA	2
28	6024GT	NUT,NYLOCK,5/8-11	

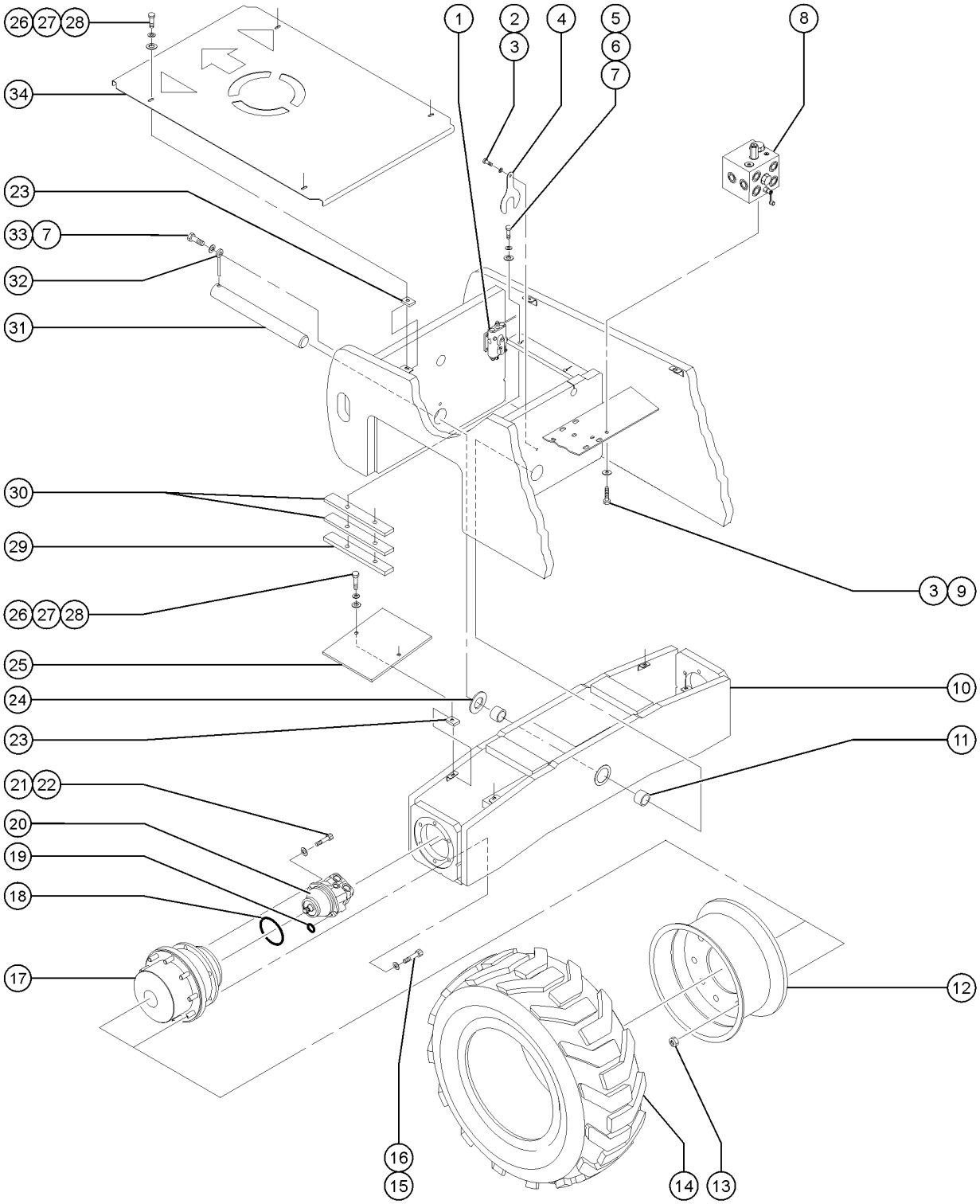
203.1 Non-steer Axle (to SN 10160)



203.1 Non-steer Axle (to SN 10160)

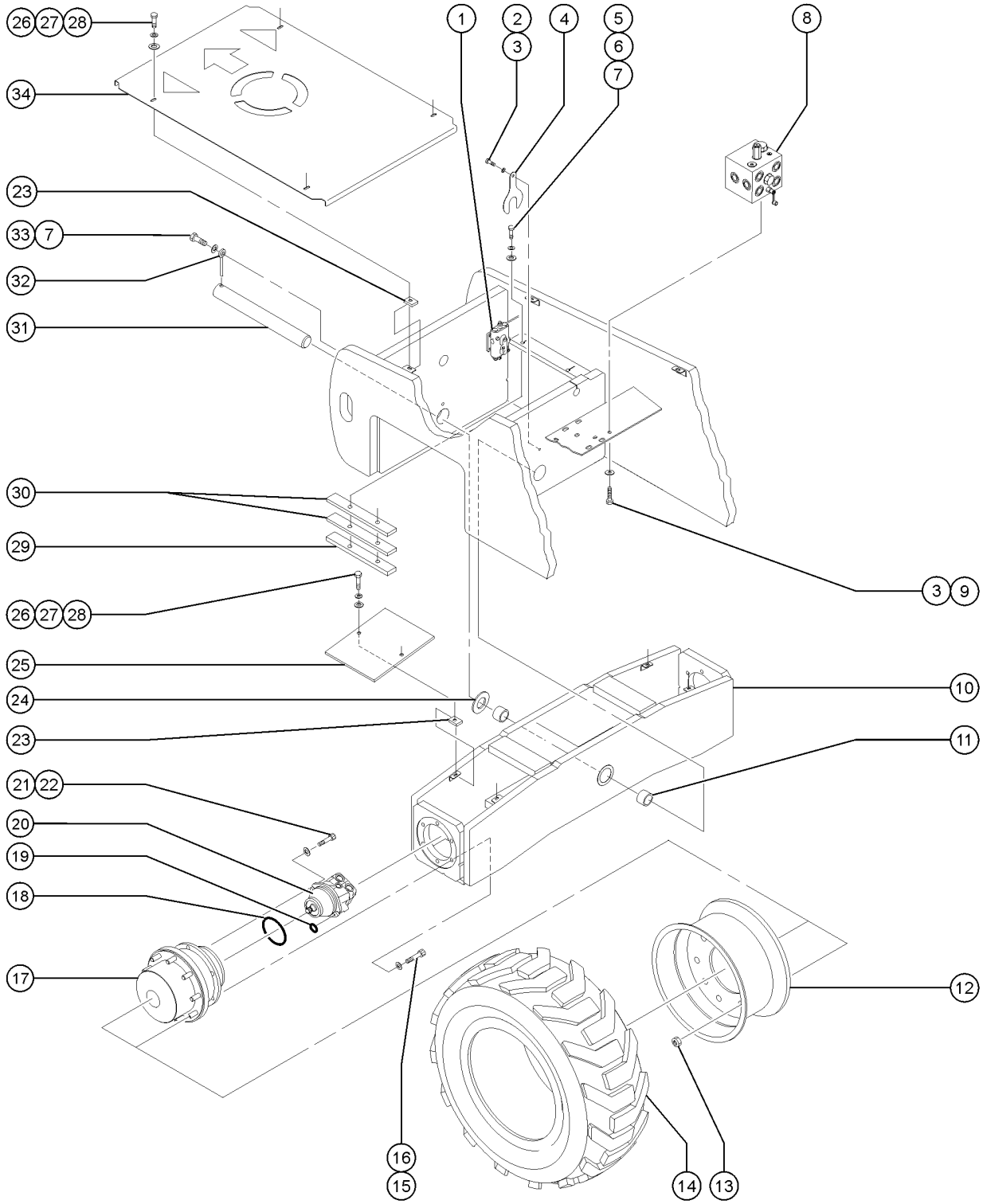
Item	Part No.	Description	Qty.
1		Ref. Oscillate Control Valve (refer to 707.1 or 707.2)	
2	8255GT	SCREW,HHC,3/8-16 X .75 from SN 9811	
3	6021GT	WASHER, LOCK, .375	
4	29746GT	WASHER,FLAT,2.5 X 4 X .062 to SN 9810	
4-	101504GT	SHIM,AXLE,2.56 from SN 9811	
5	9145GT	SCREW,HHC,1/2-13 X 2.5,GR5	
6	13066GT	WASHER,FLAT,.5 HARDENED	4
7	6033GT	WASHER,LOCK,0.5"	
8		Ref. 2WD Traction Manifold (refer to 701.1)	
8-		Ref. 4WD Traction Manifold (refer to 702.1)	
9	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
10	89331GT	NON-STEER AXLE ASSEMBLY includes item 11	1
11	27698GT	BEARING,2.50IDX2.75ODX2.00L	2
12	122346GT	WHEEL,22.5 X 14.00, Z60 used with High-flotation only	2
12-	122347GT	WHEEL,19.5 X 11.75, Z60	
13	54627GT	NUT,LUG,5/8-18 X 90 DEGREE,Z45 to SN 8199	18
13-	77674GT	NUT,HEX,FLANGE 5/8-18,GRD 8 ZI from SN 8200	9
13-	122313PGT	WHEEL RING WASHER,PTD requires lug nut p/n 77674, from SN 8200	1
13-	111366GT	LUGFL&RING ASSY KIT HI FLO Z60 lug nut replacment kit for HI FL tires, includes parts 122313P and 77674; from SN 8200	1
13-	111367GT	LUG FL & RING ASSY KIT AIR Z60 lug nut replacment kit for air filled tires, includes parts 122313P and 77674; ; from SN 8200	1
13-	111370GT	LUGFL&RING ASSY KIT CE S40/Z60 lug nut replacment kit for CE and foam filled tires, includes parts 122313P and 77674; from SN 8200	1
14	73185GT	TIRE,38/65D-19.5,16PLY,OTR*	2
14A-	81164GT	TIRE,41/18LL X 22.5,14PR,TURF* High-flotation tire	
14B-	73210GT	TIRE,385 19.5,16PLY,NON-MARKI Non-marking tire	
14C-	75579GT	TIRE & WHEEL ASSY.: AIR Tire and Wheel Assembly; Air Filled, right side	1

203.1 Non-steer Axle (to SN 10160)



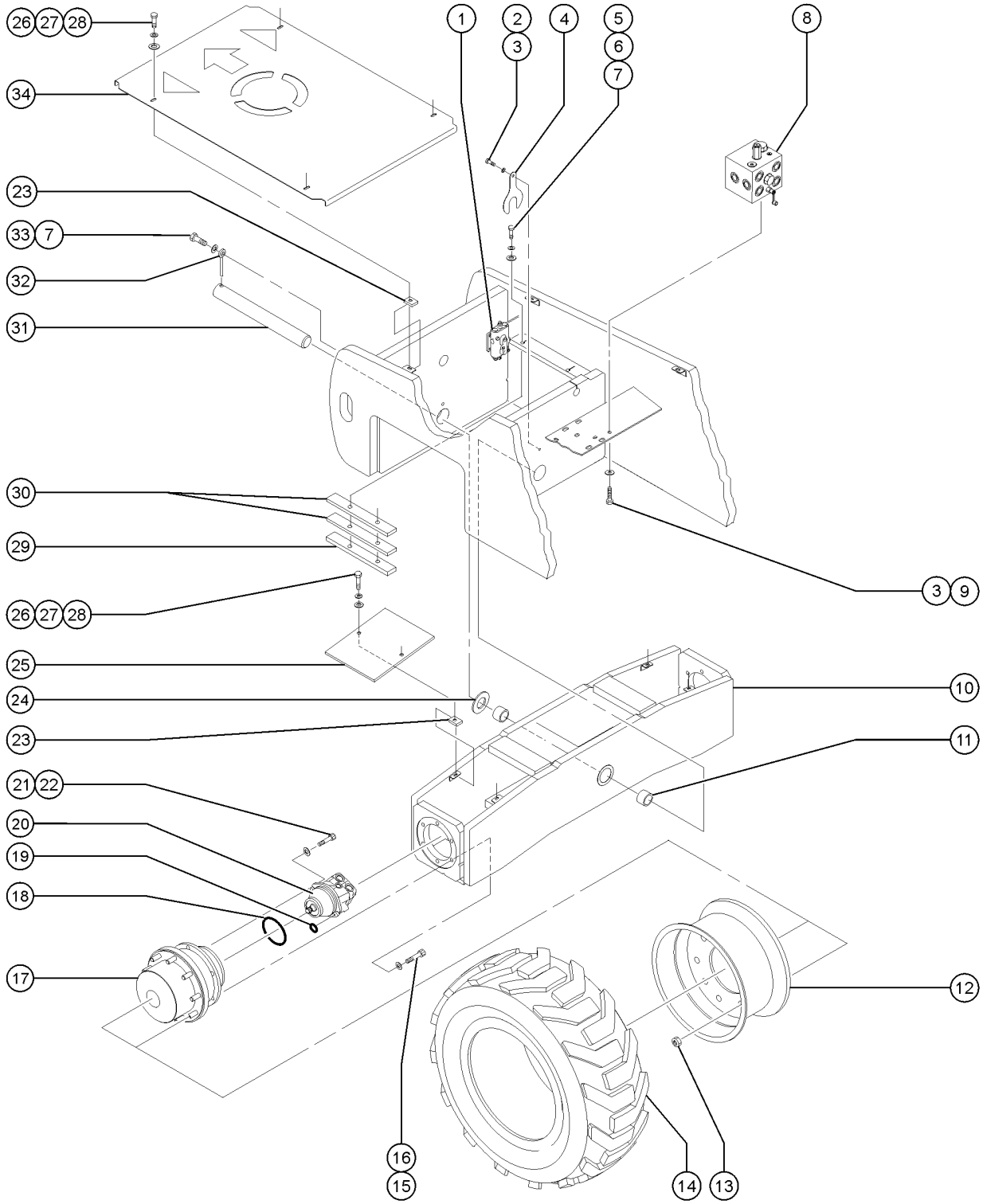
Item	Part No.	Description	Qty.
14D-	75578GT	TIRE & WHEEL ASSY.: AIR Tire and Wheel Assembly; Air Filled, left side	
14E-	75581GT	TIRE & WHEEL ASSY.:FOAM Foam Filled, left side	1
14F-	75580GT	TIRE & WHEEL ASSY.:FOAM Foam Filled, right side	
14G-	89033GT	TIRE & WHEEL ASSY.:TURF High-flotation	2
14H-	89702GT	TIRE/WHEEL ASSY:AIR,NONMARK Air-filled, Non-marking, right side	1
14I-	89703GT	TIRE/WHEEL ASSY:AIR,NONMARK Air-filled, Non-marking, left side	
14J-	89704GT	TIRE/WHEEL ASSY:FOAM,NONMARK Foam-filled, Non-marking, right side	1
14K-	89705GT	TIRE/WHEEL ASSY:FOAM,NONMARK Foam-filled, Non-marking, left side	
14L-	111466GT	ASSY,TIRE/WHEEL,RH,RT,W/SEALAN includes decal; Air Filled with Sealant, right side	1
14M-	111467GT	ASSY,TIRE/WHEEL,LH,RT,W/SEALAN includes decal; Air Filled with Sealant, left side	
14N-	111333GT	ASSY W/4 WHEEL/TIRES W/SEALANT includes decal; Air Filled with Sealant	1
14O-	111472GT	OPTION,TIRES,HF,W/SEALANT includes decal; High-flotation with Sealant	1
14P-	111468GT	ASSY,TIRE/WHEEL,HF,W/SEALANT includes decal; High-flotation with Sealant	1
12F	110727GT	TIRE/WHEEL ASSY,LP RT W/SEALAN RT, Air-filled, with sealant, left (S-60,S-65,S-60X)	2
12F	110728GT	TIRE/WHEEL ASSY,LP RT W/SEALAN RT, Air-filled, with sealant, right (S-60,S-65,S-60X)	2
12G	110730GT	TIRE/WHEEL ASSY,LP NM W/SEALAN RT, Air-filled, Non-marking, with sealant, right (S-60,S-65,S-60X)	2
12G	110731GT	TIRE/WHEEL ASSY,LP NM W/SEALAN RT, Air-filled, Non-marking, with sealant, left (S-60,S-65,S-60X)	2
15	81110GT	SCREW,HHC,5/8-11 X 2 GRD.8 to SN 4568	12
15-	102255GT	SCREW,HHC,M16 X 50, GR 10.9 from SN 4569 to SN 5572	
15-	111155GT	SCREW,FLANGE,HHC,5/8-11X2,GR8 from SN 5573	
16	89682GT	WASHER,FLAT,HARDENED.656X1.313 to SN 5572	12
17		Ref. Drive Hub (refer to 207.1) 2WD and 4WD models	
18	102158GT	O-RING,.103 X 4.737,VITON, 75D	1

203.1 Non-steer Axle (to SN 10160)



Item	Part No.	Description	Qty.
19	106117GT	O-RING,2-010,VITON	2
20	88885GT	MOTOR,PISTON,35CC,2WD*** (shown) 2WD models	2
20-	72290GT	SNAP RING(M46 UNITS)* for 88885	
20-	102159GT	SHAFT,15 TOOTH for 88885	
20-	102155GT	BEARING,BALL DRIVE SHAFT for 88885	
20-	27067GT	SEAL,SHAFT-SUNDSTRAND*** for 88885	
20-	106098GT	SEAL KIT,MOTOR,LC/KC*** for 88885	
20-	102160GT	RING, RETAINING for 88885	
20-	102161GT	RING, PISTON for 88885	
20A	88884GT	MOTOR,PISTON,30CC,4WD*** 4WD models	2
20A-	72290GT	SNAP RING(M46 UNITS)* for 88884	
20A-	102159GT	SHAFT,15 TOOTH for 88884	
20A-	102155GT	BEARING,BALL DRIVE SHAFT for 88884	
20A-	27067GT	SEAL,SHAFT-SUNDSTRAND*** for 88884	
20A-	106098GT	SEAL KIT,MOTOR,LC/KC*** for 88884	
20A-	102160GT	RING, RETAINING for 88884	
20A-	102161GT	RING, PISTON for 88884	
21	88296GT	SCREW,HHC,7/16-14 X 1.25	
22	119988GT	WASHER,.469 X .781,HRD	4
23	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
24	29746GT	WASHER,FLAT,2.5 X 4 X .062	
25	63630PGT	COVER, REAR AXLE, PAINTED	2
26	6090GT	SCREW, HHC, 1/4-20 X .75	
27	6356GT	WASHER, LOCK, .25	
28	6638GT	WASHER, FLAT, USS, 1/4"Y	
29	89362PGT	BAR,AXLE ROTATION STOP,OSC. oscillate models	2
29-	89361PGT	BAR,AXLE ROTATION STOP,NON-OSC non-oscillate models	
30	34216GT	SHIM,AXLE ROTATION STOP,22GA	

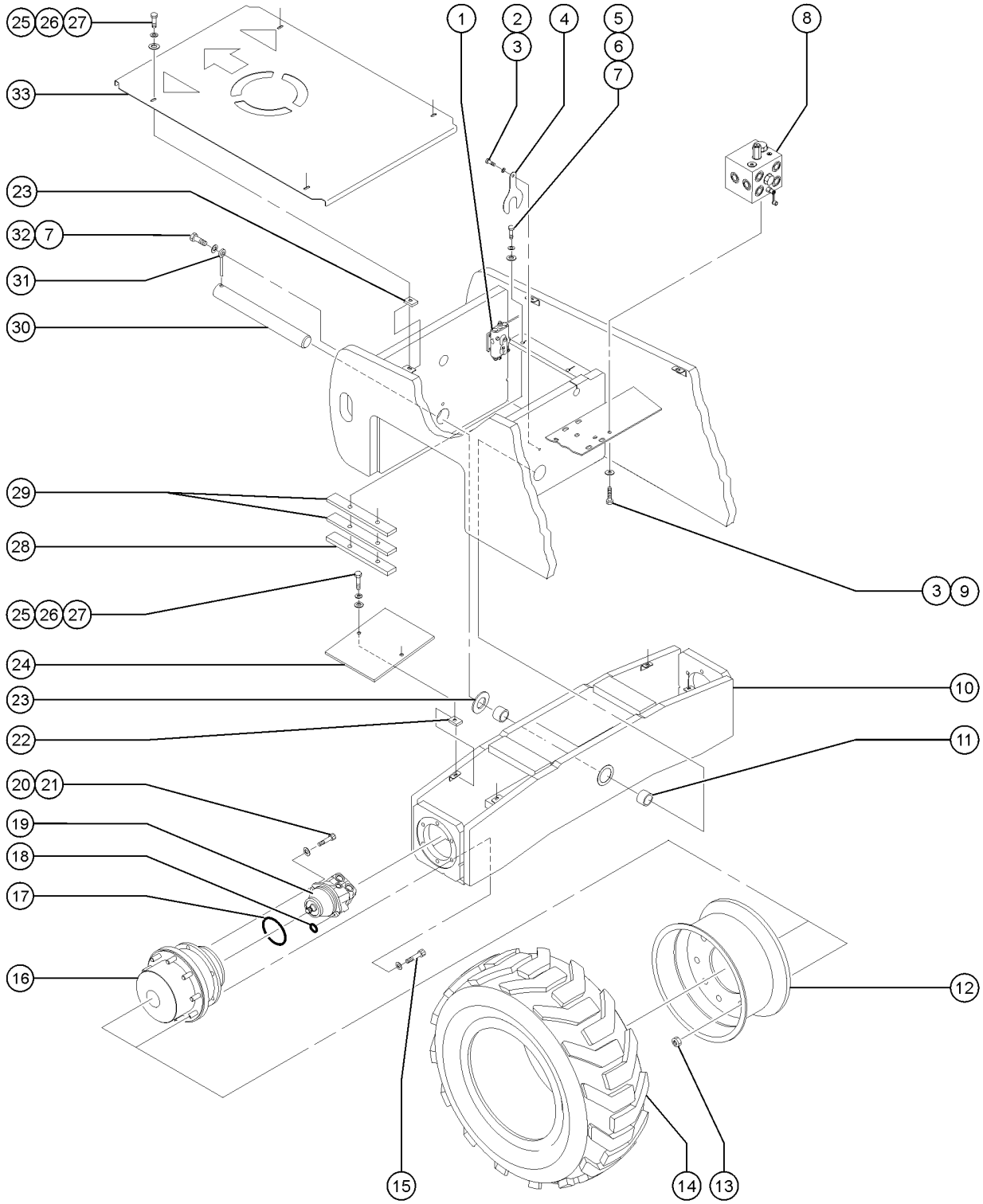
203.1 Non-steer Axle (to SN 10160)



203.1 Non-steer Axle (to SN 10160)

Item	*Part No.*	*Description*	*Qty.*
31	73766GT	PIN,2.5 DIA X 23.88 LG	1
32	1256267GT	ROD END,.5 X 3.75,ZAG	1
33	8177GT	SCREW,HHC,1/2-13 X 1.5	
34	89332GT	COVER ASSEMBLY W/DECALS-NONSTE	1

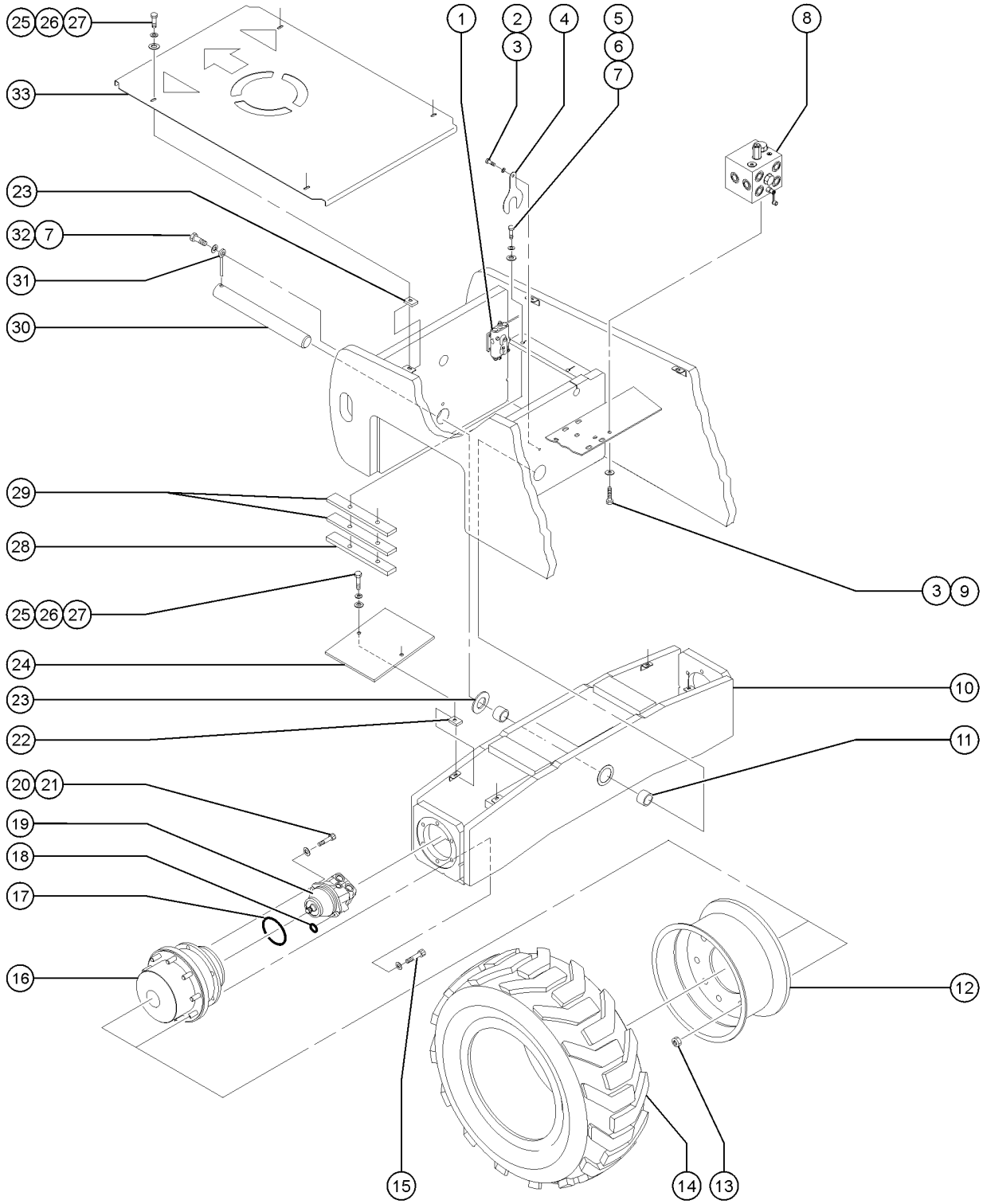
203.2 Non-steer Axle (from SN 10161)



203.2 Non-steer Axle (from SN 10161)

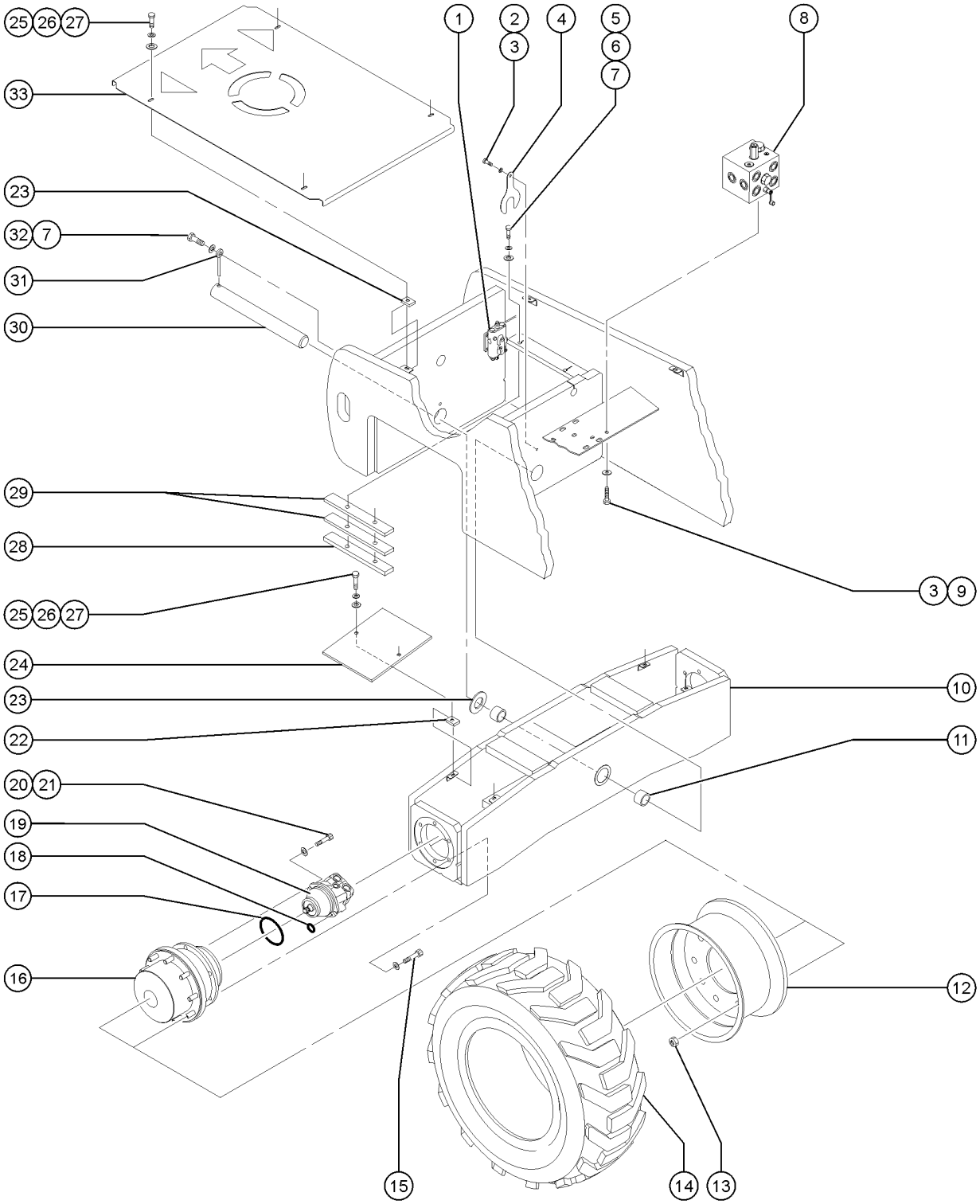
Item	Part No.	Description	Qty.
1		Ref. Oscillate Control Valve (refer to 707.1 or 707.2)	
2	8255GT	SCREW,HHC,3/8-16 X .75	
3	6021GT	WASHER, LOCK, .375	
4	101504GT	SHIM,AXLE,2.56	
5	9145GT	SCREW,HHC,1/2-13 X 2.5,GR5	
6	13066GT	WASHER,FLAT,.5 HARDENED	4
7	6033GT	WASHER,LOCK,0.5"	
8		Ref. 2WD Traction Manifold (refer to 701.1)	
8-		Ref. 4WD Traction Manifold (refer to 702.2)	
9	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
10	89331GT	NON-STEER AXLE ASSEMBLY includes item 11	1
11	27698GT	BEARING,2.50IDX2.75ODX2.00L	2
12	88727GT	WHEEL, 24.5X11.75, 9 X 9 BCD	1
12-	122346GT	WHEEL,22.5 X 14.00, Z60 used only with High-flotation	
12-	122347GT	WHEEL,19.5 X 11.75, Z60 used only with Foam RNU assy 227810 or 227811	
13	77674GT	NUT,HEX,FLANGE 5/8-18,GRD 8 ZI	9
13-	122313PGT	WHEEL RING WASHER,PTD used only with High-flotation	
14	88729GT	TIRE & WHEEL ASSY,AIR,RH*** RT, Air-filled, right	1
14A-	88730GT	TIRE & WHEEL ASSY,AIR,LH RT, Air-filled, left	
14D-	77790GT	TIRE & WHEEL ASSY, RH, 355/55D625, FF RT, Foam-filled, right	
14E-	77791GT	TIRE & WHEEL ASSY, LH, 355/55D625, FF RT, Foam-filled, left	
14F-	106647GT	TIRE & WHEEL ASSY,RH,FOAM,NM RT, Foam-filled, Non-marking, right	
14G-	106648GT	TIRE & WHEEL ASSY,LH,FOAM,NM RT, Foam-filled, Non-marking, left	
14H-	94534GT	WHEEL & TIRE ASSY,RH,NM AIR RT, Air-filled, Non-marking, right	
14I-	94535GT	WHEEL & TIRE ASSY,LH NM AIR RT, Air-filled, Non-marking, left	
14L-	111468GT	ASSY,TIRE/WHEEL,HF,W/SEALANT High-flotation with Sealant, left or right (includes decal)	
14M-	89033GT	TIRE & WHEEL ASSY.:TURF High-flotation, left or right	
14N-	227810GT	TIRE & WHEEL ASSY,FOAM,RH,RT RT, Foam RNU, right	

203.2 Non-steer Axle (from SN 10161)



Item	Part No.	Description	Qty.
14O-	227811GT	TIRE & WHEEL ASSY,FOAM,LH,RT RT, Foam RNU, left	
14P-	227813GT	TIRE & WHEEL ASSY RH,FF RT, LP Foam RNU, right	
14Q-	227814GT	TIRE & WHEEL ASSY,LH FF RT, LP Foam RNU, left	
14R-	227816GT	TIRE & WHEEL ASSY,RH,FOAM,NM RT, LP Foam RNU, Non-marking, right	
14S-	227817GT	TIRE & WHEEL ASSY,LH,FOAM,NM RT, LP Foam RNU, Non-marking, left	
14T-	88728GT	TIRE,355/55D625	
14U-	94536GT	TIRE,355/55D625,14 PLY,NM Non-marking tire	
14V-	81164GT	TIRE,41/18LL X 22.5,14PR,TURF* High-flotation tire	
14W-	73185GT	TIRE,38/65D-19.5,16PLY,OTR* used only with Foam RNU assy 227810 or 227811	
15	111155GT	SCREW,FLANGE,HHC,5/8-11X2,GR8	
16		Ref. Drive Hub (refer to 207.1) 2WD and 4WD models	
17	102158GT	O-RING,.103 X 4.737,VITON, 75D	1
18	106117GT	O-RING,2-010,VITON	1
19	88885GT	MOTOR,PISTON,35CC,2WD*** (shown) 2WD models	1
19-	72290GT	SNAP RING(M46 UNITS)* for 88885	
19-	102159GT	SHAFT,15 TOOTH for 88885	
19-	102155GT	BEARING,BALL DRIVE SHAFT for 88885	
19-	27067GT	SEAL,SHAFT-SUNDSTRAND*** for 88885	
19-	106098GT	SEAL KIT,MOTOR,LC/KC*** for 88885	
19-	102160GT	RING, RETAINING for 88885	
19-	102161GT	RING, PISTON for 88885	
19A	88884GT	MOTOR,PISTON,30CC,4WD*** 4WD models	1
19A-	72290GT	SNAP RING(M46 UNITS)* for 88884	
19A-	102159GT	SHAFT,15 TOOTH for 88884	
19A-	102155GT	BEARING,BALL DRIVE SHAFT for 88884	
19A-	27067GT	SEAL,SHAFT-SUNDSTRAND*** for 88884	
19A-	106098GT	SEAL KIT,MOTOR,LC/KC*** for 88884	
19A-	102160GT	RING, RETAINING for 88884	

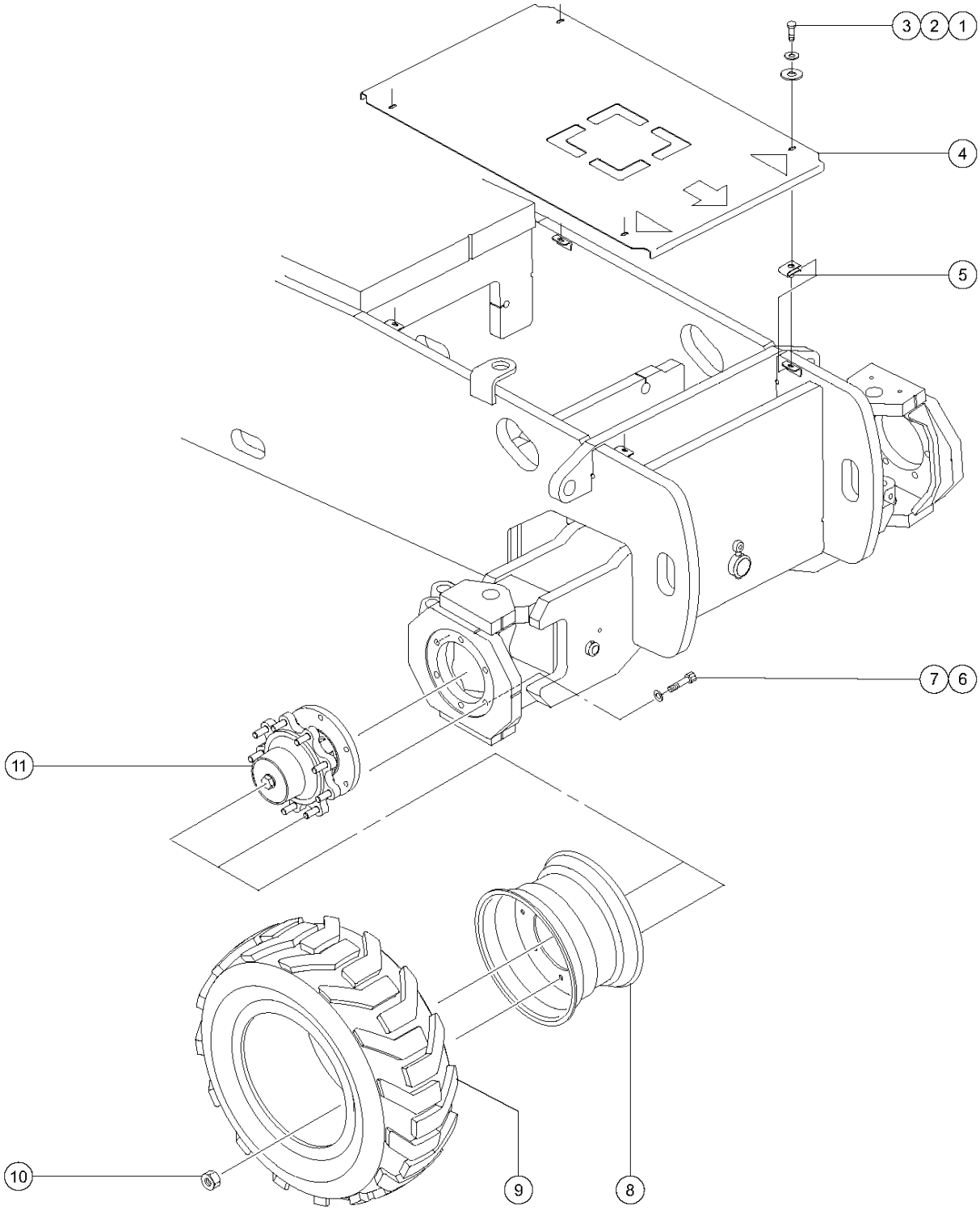
203.2 Non-steer Axle (from SN 10161)



203.2 Non-steer Axle (from SN 10161)

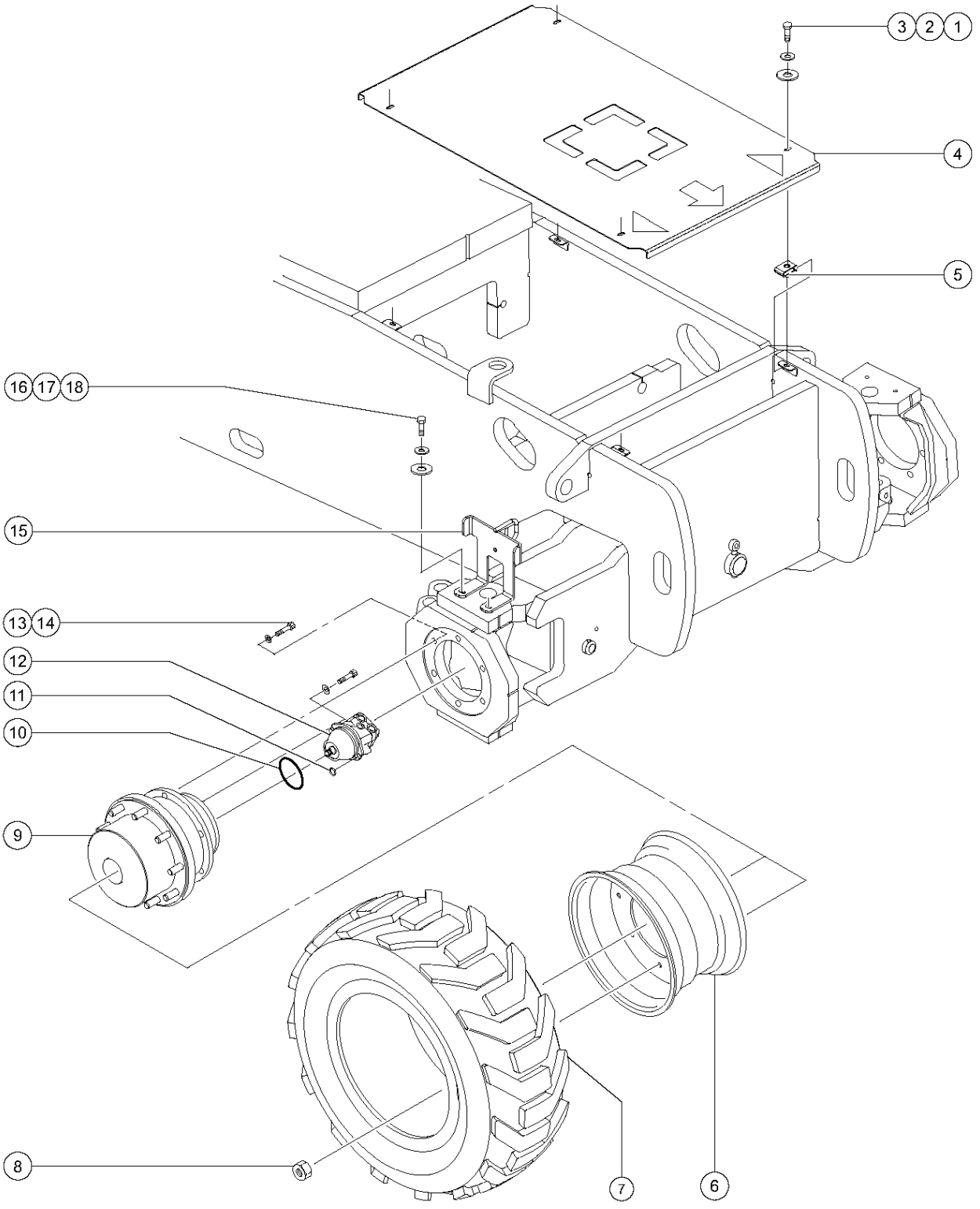
Item	Part No.	Description	Qty.
19A-	102161GT	RING, PISTON for 88884	
20	88296GT	SCREW,HHC,7/16-14 X 1.25	2
21	119988GT	WASHER,.469 X .781,HRD	2
22	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
23	29746GT	WASHER,FLAT,2.5 X 4 X .062	
24	63630PGT	COVER, REAR AXLE, PAINTED	2
25	6090GT	SCREW, HHC, 1/4-20 X .75	
26	6356GT	WASHER, LOCK, .25	
27	6638GT	WASHER, FLAT, USS, 1/4"Y	
28	89362PGT	BAR,AXLE ROTATION STOP,OSC. oscillate models	2
28-	89361PGT	BAR,AXLE ROTATION STOP,NON-OSC non-oscillate models	
29	34216GT	SHIM,AXLE ROTATION STOP,22GA	
30	73766GT	PIN,2.5 DIA X 23.88 LG	1
31	1256267GT	ROD END,.5 X 3.75,ZAG	1
32	8177GT	SCREW,HHC,1/2-13 X 1.5	
33	89332GT	COVER ASSEMBLY W/DECALS-NONSTE	1

204.1 2WD Steer Axle - Wheels and Hubs



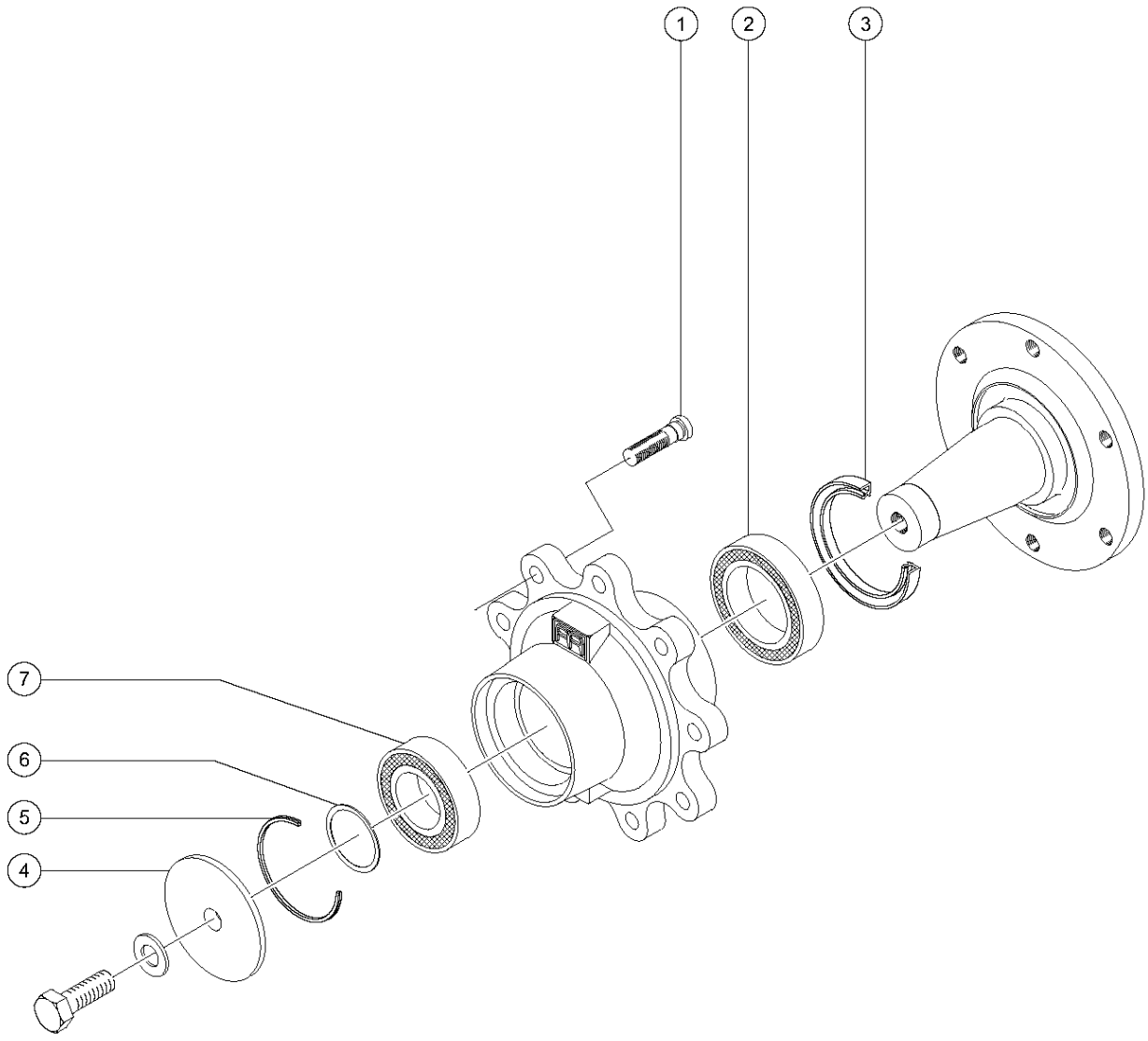
Item	Part No.	Description	Qty.
1	6090GT	SCREW, HHC, 1/4-20 X .75	
2	6356GT	WASHER, LOCK, .25	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	75863GT	COVER ASSEMBLY W/DECALS-STEER	1
5	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
6	81110GT	SCREW,HHC,5/8-11 X 2 GRD.8 to SN 4568	12
6-	102255GT	SCREW,HHC,M16 X 50, GR 10.9 from SN 4569 to SN 5572	
6-	111155GT	SCREW,FLANGE,HHC,5/8-11X2,GR8 from SN 5573	
7	89682GT	WASHER,FLAT,HARDENED.656X1.313 to SN 5572	12
8		Ref. Wheel (refer to 203.1)	
9		Ref. Rough Terrain Tire (refer to 203.1) Tire and Wheel Assembly; Air-filled	
9-	73258GT	TIRE & WHEEL ASSY: AIR Tire and Wheel Assembly; Air-filled, right side	1
9-	73257GT	TIRE & WHEEL ASSY: AIR Tire and Wheel Assembly; Air-filled, left side	
9-	73261GT	TIRE & WHEEL ASSY,FOAM*** right side; Foam-filled	1
9-	73260GT	TIRE & WHEEL ASSY,FOAM*** left side; Foam-filled	
9-	75722GT	TIRE & WHEEL ASSY.:TURF High-flotation	2
9-	89698GT	TIRE/WHEEL ASSY: AIR, NONMARK Air-filled, Non-marking, left side	1
9-	89699GT	TIRE/WHEEL ASSY:AIR,NONMARK Air-filled, Non-marking, right side	
9-	89700GT	TIRE/WHEEL ASSY: FOAM, NONMARK Foam-filled, Non-marking, left side	1
9-	89701GT	TIRE/WHEEL ASSY:FOAM,NONMARK Foam-filled, Non-marking, right side	
10	54627GT	NUT,LUG,5/8-18 X 90 DEGREE,Z45 to SN 8199	16
10-	77674GT	NUT,HEX,FLANGE 5/8-18,GRD 8 ZI from SN 8200	
10-	122313PGT	WHEEL RING WASHER,PTD requires lug nut p/n 77674, from SN 8200	
10-	111366GT	LUGFL&RING ASSY KIT HI FLO Z60 lug nut replacment kit for HI FL tires, includes parts 122313P and 77674; from SN 8200	
10-	111367GT	LUG FL & RING ASSY KIT AIR Z60 lug nut replacment kit for air filled tires, includes parts 122313P and 77674; ; from SN 8200	
10-	111370GT	LUGFL&RING ASSY KIT CE S40/Z60 lug nut replacment kit for CE and foam filled tires, includes parts 122313P and 77674; from SN 8200	
11		Ref. 2WD Hub (refer to 206.1) Foam-filled, Non-marking	

205.1 4WD Steer Axle - Wheels and Hubs



Item	Part No.	Description	Qty.
1	6090GT	SCREW, HHC, 1/4-20 X .75	
2	6356GT	WASHER, LOCK, .25	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	75863GT	COVER ASSEMBLY W/DECALS-STEER	1
5	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
6		Ref. WHEEL (refer to 203.1)	
7		Ref. Tire (refer to 203.1)	
8	54627GT	NUT,LUG,5/8-18 X 90 DEGREE,Z45 to SN 8199	18
8-	77674GT	NUT,HEX,FLANGE 5/8-18,GRD 8 ZI from SN 8200	9
8-	122313PGT	WHEEL RING WASHER,PTD requires lug nut p/n 77674, from SN 8200	1
8-	111366GT	LUGFL&RING ASSY KIT HI FLO Z60 lug nut replacment kit for HI FL tires, includes parts 122313P and 77674; from SN 8200	1
8-	111367GT	LUG FL & RING ASSY KIT AIR Z60 lug nut replacment kit for air filled tires, includes parts 122313P and 77674; ; from SN 8200	1
8-	111370GT	LUGFL&RING ASSY KIT CE S40/Z60 lug nut replacment kit for CE and foam filled tires, includes parts 122313P and 77674; from SN 8200	1
9		Ref. Drive Hub (refer to 207.1)	
10	102158GT	O-RING,.103 X 4.737,VITON, 75D	2
11	102157GT	O-RING,.070 X .239,VITON 75D	2
12		Ref. Drive Motor (refer to 203.1)	
13	81110GT	SCREW,HHC,5/8-11 X 2 GRD.8 to SN 4568	12
13-	102255GT	SCREW,HHC,M16 X 50, GR 10.9 from SN 4569 to SN 5572	
13-	111155GT	SCREW,FLANGE,HHC,5/8-11X2,GR8 from SN 5573	
14	89682GT	WASHER,FLAT,HARDENED.656X1.313 to SN 5572	12
15	89237GT	WELDMENT,GUIDE BRACKET	2
16	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
17	6021GT	WASHER, LOCK, .375	
18	57201GT	WASHER,FLAT,313, HARDENED	2

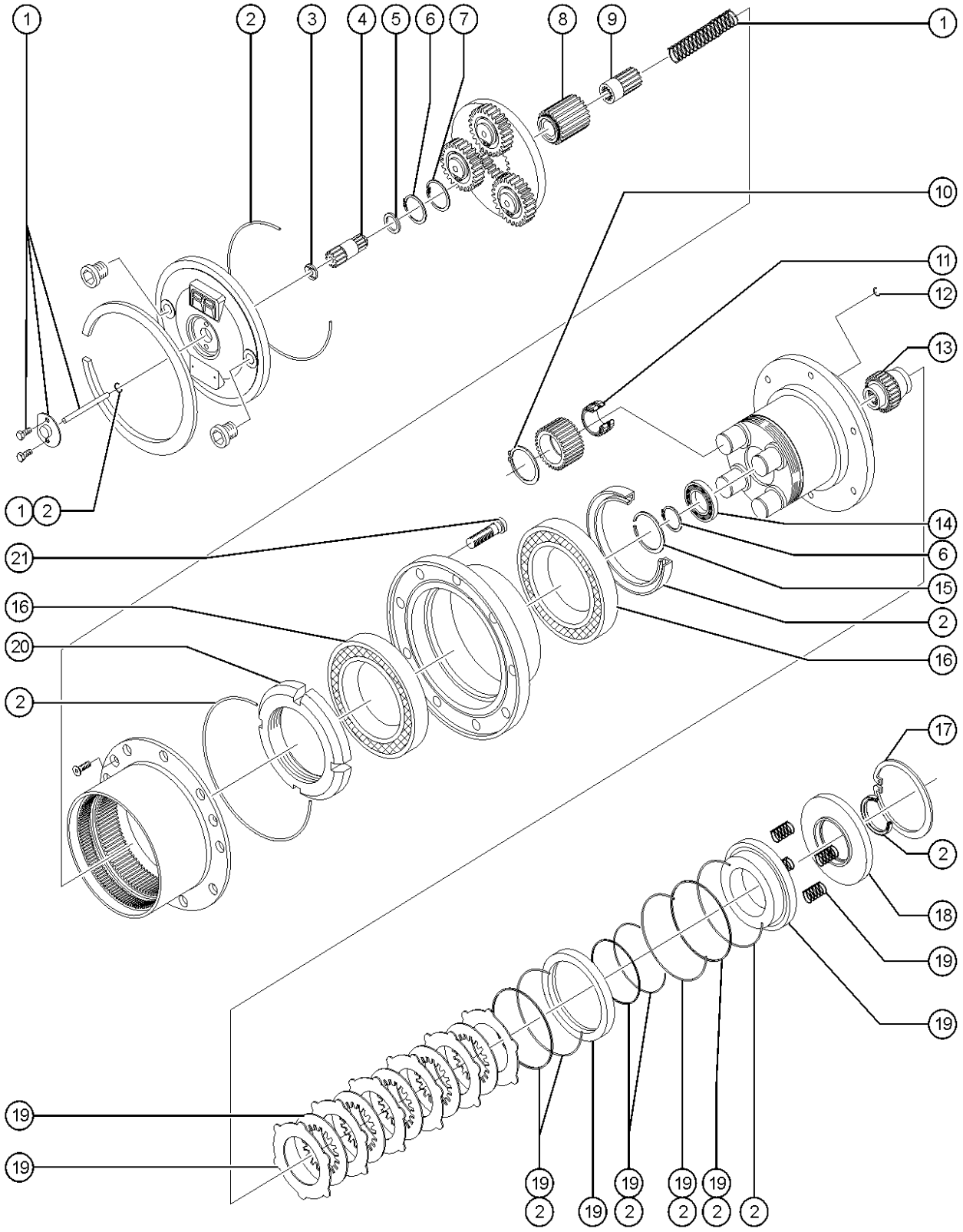
206.1 2WD Hub - Steer Axle



206.1 2WD Hub - Steer Axle

Item	*Part No.*	*Description*	*Qty.*
A-	88883GT	HUB,2WD,FRONT***	
B-	227986GT	V-RING 100,RUBBER SEAL	
C-	227987GT	RING,OIL SEAL, 95 X 120 X 12	
D-	102126GT	SEAL KIT,DRIVE HUB (88887)	
1	102162GT	LUG,STUD/WHEEL (88887)	9
2	94894GT	BEARING,INNER (88883)	1
3	102126GT	SEAL KIT,DRIVE HUB (88887)	1
4	94891GT	COVER,HUB (88883)	1
5	102126GT	SEAL KIT,DRIVE HUB (88887)	1
6	94892GT	SHIM,HUB (88883)	2
7	94893GT	BEARING,OUTER (88883)	1

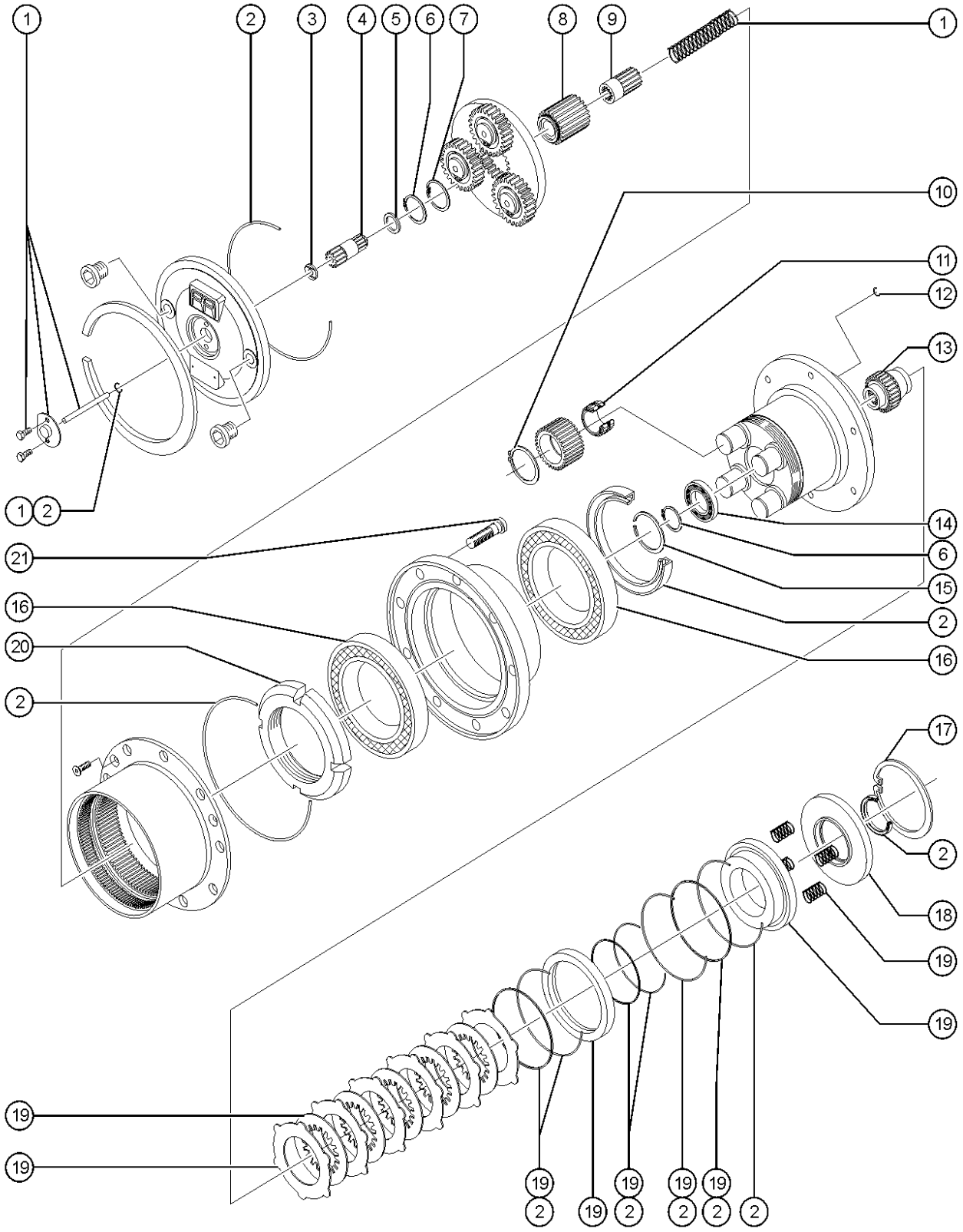
207.1 2WD and 4WD Drive Hub



207.1 2WD and 4WD Drive Hub

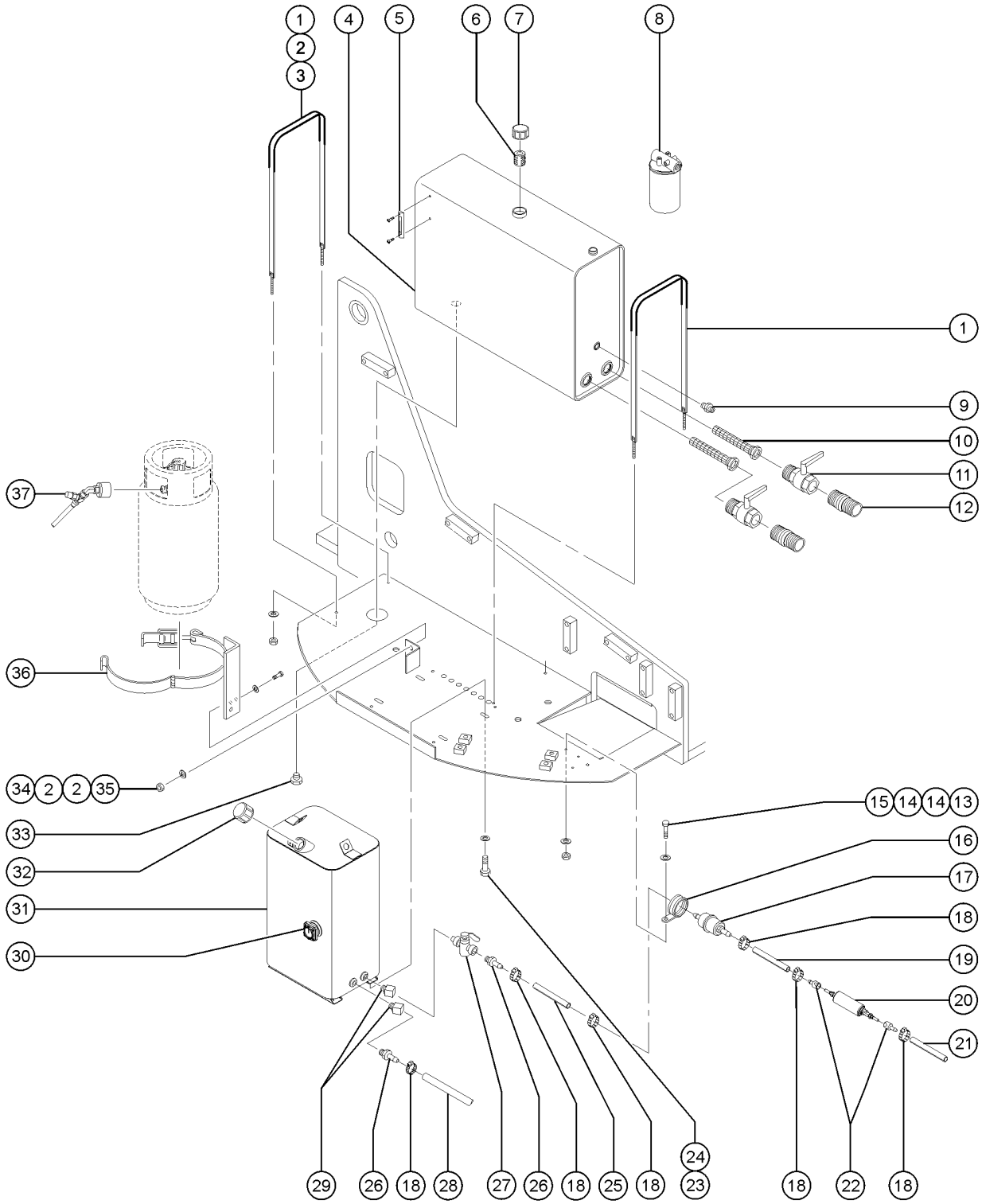
Item	Part No.	Description	Qty.
A-	88887GT	WHEEL DRIVE 56:1 2WD 4WD	
-	1268373GT	O-RING, WHEEL DRIVE, 4WD 4WD and 2WD	
B-	1266271GT	CIRCLIP, HUB (88886) for drive hub part 88886	
C-	1266272GT	O-RING, COVER SEAL (102711) for drive hub part 102711	
D-	88887GT	WHEEL DRIVE 56:1 2WD 2WD	
E-	102164GT	COVER,END,KIT (88887) for drive hub part 88887	
F-	102126GT	SEAL KIT,DRIVE HUB (88887) for drive hub part 88887	1
G-	1274613GT	HUB SCREW for 88887	
1	102131GT	DISCONNECT KIT (88887)	1
2	102126GT	SEAL KIT,DRIVE HUB (88887)	1
3	102506GT	Thrust Bearing Plate	1
4	102507GT	Pinion Gear	1
5	102508GT	Thrust Bearing	1
6	102503GT	External Retaining Ring	1
7	102504GT	Internal Retaining Ring	1
8	102505GT	Pinion, Half Shaft	1
9	102509GT	Half Shaft	1
10	102510GT	External Retaining Ring	4
11	1284723GT	GEAR/BEARING ASSY,WHEEL DRIVE (88886) to replace bearing; order part 102511	
11A	102511GT	BEARING,WHEEL DRIVE (88886) for 1284723	4
12	19918GT	O-RING,010 BUNA-N***	1
13	102167GT	SHAFT,INPUT DRIVE HUB	1
14	102514GT	Ball Bearing	1
15	102513GT	Wire Seal Retaining Ring	1
16	102515GT	BEARING,ROLLER TAPERED	2
17	102516GT	RING,RETAINING,INTERNAL	1
18	102517GT	Shaft Bearing Spacer	1
19	215642GT	BRAKE KIT (88886)***	1

207.1 2WD and 4WD Drive Hub



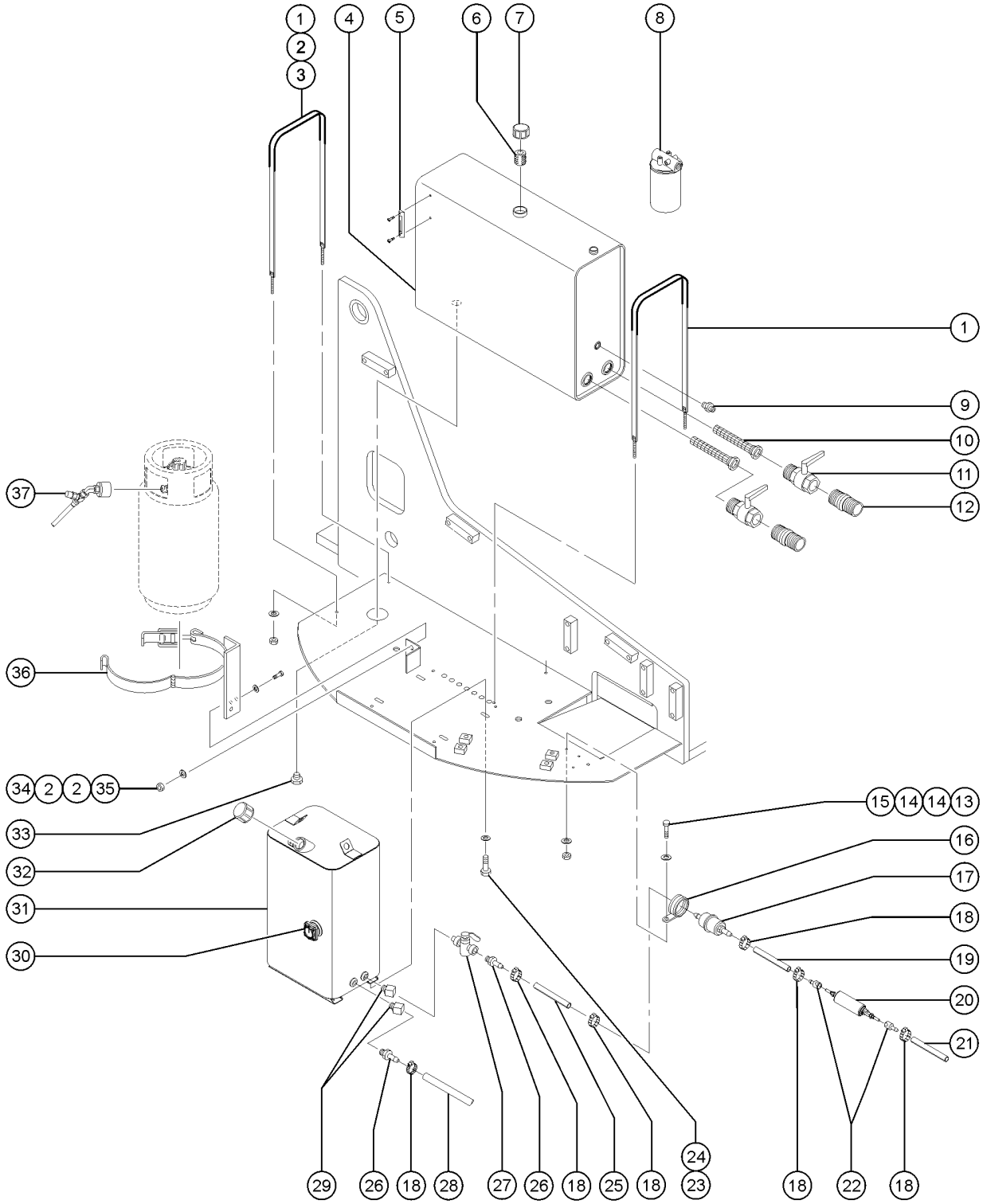
Item	Part No.	Description	Qty.
20	215340GT	LOCKRING, RR	1
21	102162GT	LUG,STUD/WHEEL (88887)	9

301.1 Hydraulic and Fuel Tanks - Gasoline/LPG Models



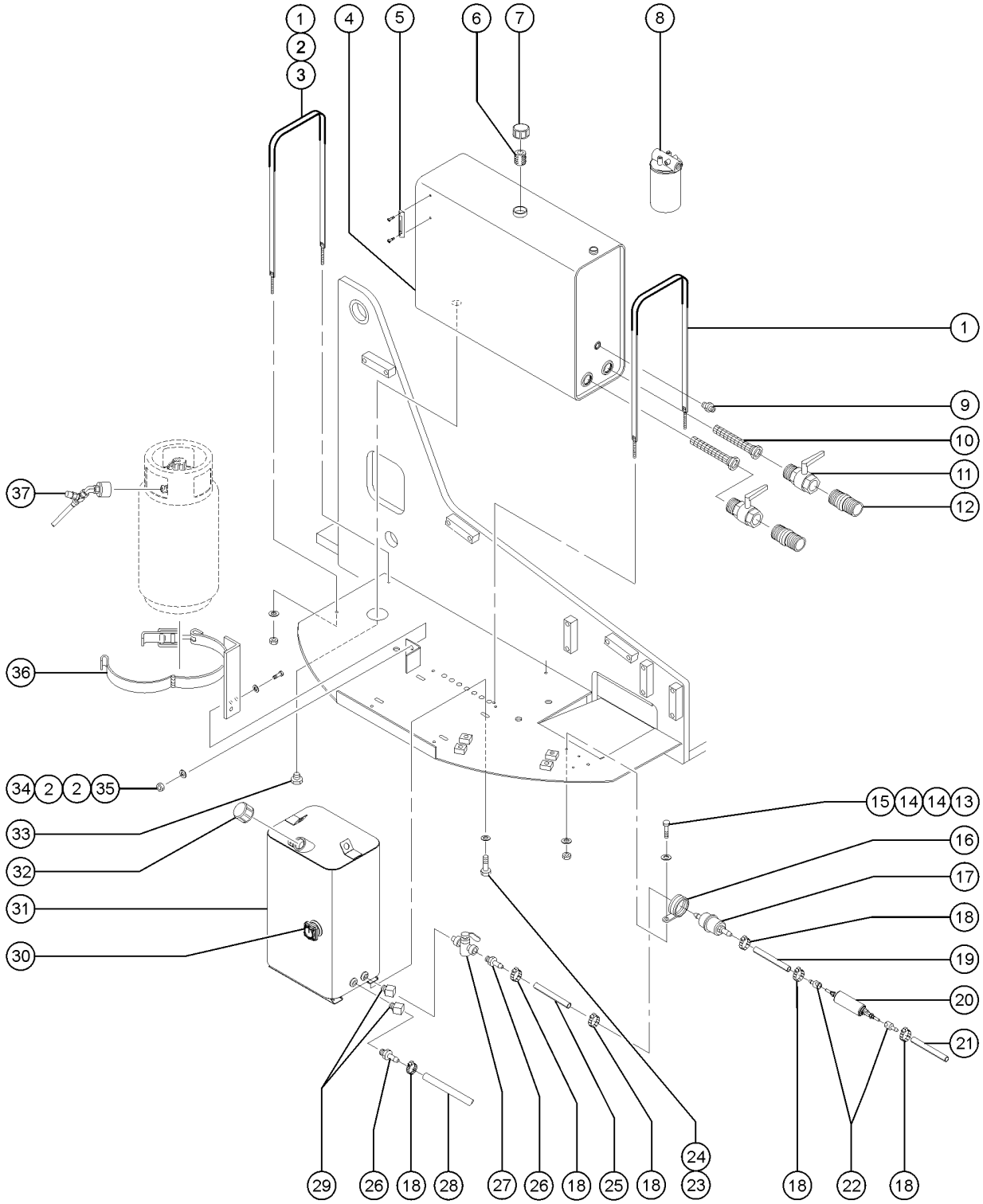
Item	Part No.	Description	Qty.
1	31524GT	STRAP ASSY,TANK, 66 INCH	2
1-	31658GT	EXTRUSION,RUBBER BUMPER STRIP	40 inches
2	5397GT	WASHER, FLAT, USS, 5/16-18	
3	4828GT	NUT, NYLOCK, 3/8-16	
4	102980GT	HYDRAULIC TANK ASSY W/WORD DEC includes items 5-7, 10 and 33	1
4-	102981GT	HYDRAULIC TANK ASSY W/SYMB DEC includes items 5-7, 10 and 33	
5	21141GT	GAUGE-SIGHT,LHA-LGTB***	1
6	31506GT	STRAINER,FILLER NECK to SN 4832	1
7	53527GT	CAP,FILLER BREATHER,3 MICRON** includes filler neck strainer	1
8A	48470GT	FILTER ASSEMBLY W/IND L,PAPER to SN 10376	1
8A-	46014GT	FILTER,ELEMENT,BETA(6)=200 use with 48470; to SN 10376	
8B	227770GT	KIT HYDRO FILTER Z60 includes filter assy 60508 and fittings (refer to 712.1); to SN 10376	
8C	60508GT	FILTER,RETURN,ASSY 10 MICRON from SN 10377	
8C-	61326GT	FILTER ELEMENT,10 MICRON,60508 use with 60508; from SN 10377	
8C-	89616GT	FILTER ELEMENT,3 MICRON*** use with 60508; from SN 10377	
8C-	52768GT	GAUGE,MED.PRESSUR FILTER,50530 use with 60508; from SN 10377	
9	48922GT	CONN,520102-6-6 to SN 4832	1
9-	48916GT	CONN, 520120-6 from SN 4833	
10	45161GT	STRAINER ASSEMBLY,1.5" NPT to SN 4832	2
10-	147419GT	KIT,STRAINER REPLACEMENT from SN 4833	
11	48994GT	VALVE,BALL,16 MPT-16 FPT*** to SN 4832	2
11-	48996GT	VALVE,BALL,16 MSAE-16 FSAE*** from SN 4833	
12	48986GT	CONN,520102-16 to SN 4832	2
12-	48984GT	CONN, 520120-16 from SN 4833	
13	6090GT	SCREW, HHC, 1/4-20 X .75	
14	6638GT	WASHER, FLAT, USS, 1/4"Y	
15	6889GT	NUT,LP NYLOCK,1/4-20	

301.1 Hydraulic and Fuel Tanks - Gasoline/LPG Models



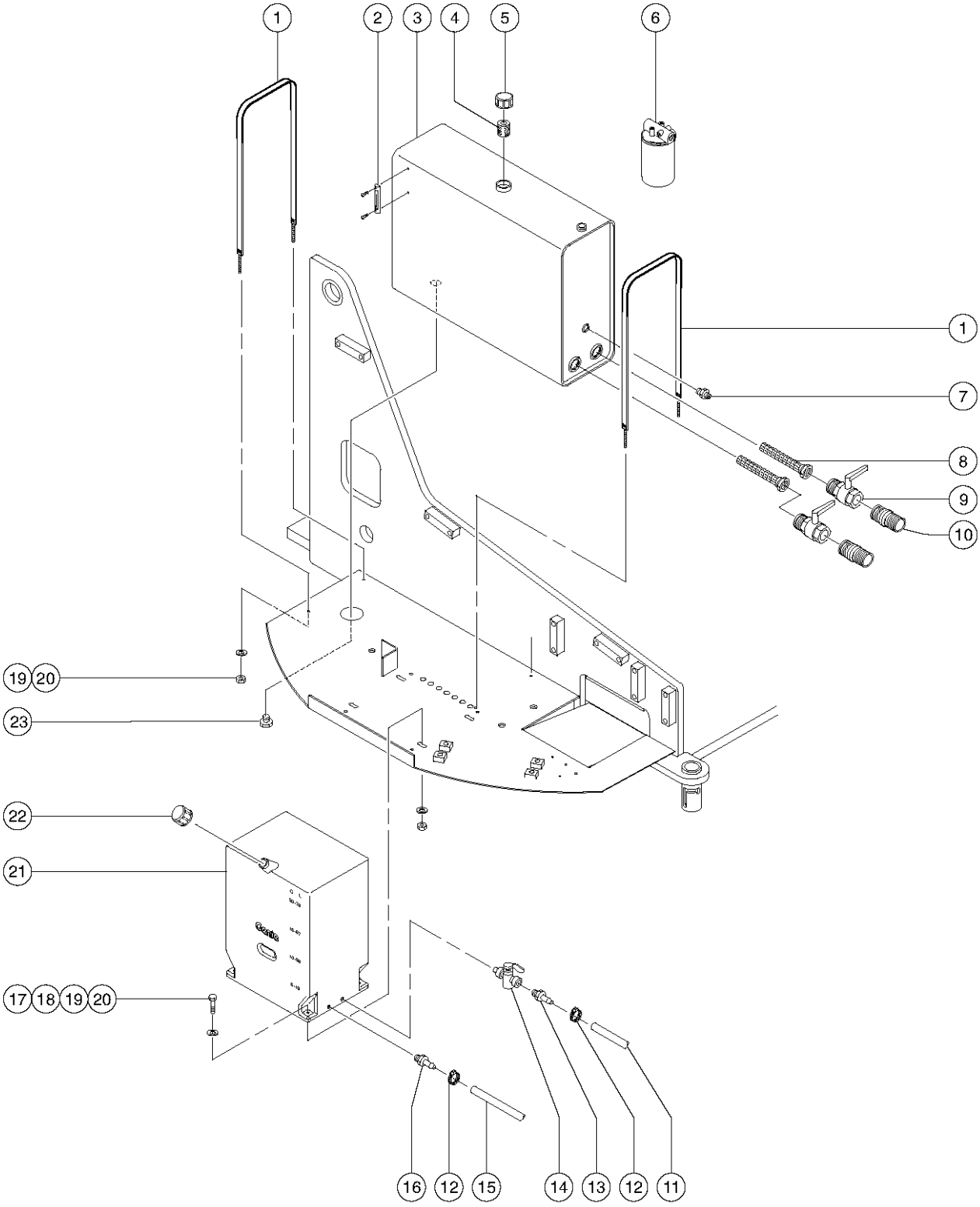
Item	Part No.	Description	Qty.
16	45455GT	CLAMP,2.75,#44 X 1/4,RUB CUSH* to SN 7923	1
16-	6653GT	CLAMP, 1.88, #30 X 1/4, RUB CUSH from SN 7924	
17	52179GT	FILTER, FUEL LRG 425/423 EFI to SN 7923	1
17-	1272019GT	FILTER, FUEL from SN 7924	1
18	21465GT	CLAMP,HOSE, .25" TO .63" X .3125" to SN 7923	6
19	27089GT	HOSE,5/16 FUEL,SAE 30R7 to SN 7923	
19-	111817-3150GT	HOSE ASSY,SAE J2260/J2044 from SN 7924	
20	77219GT	PUMP, FUEL, LRG425, WALBRO to SN 7923	1
20-	119168GT	FUEL PUMP,DSG-423 AND MSG-425 from SN 7924	
21	71909GT	HOSE,FUEL,5/16 HIGH PRESSURE** to SN 7923	
21-	111817-4525GT	HOSE ASSY,SAE J2260/J2044 from SN 7924	
22	65892GT	CONN. ASSY,7.9 TUBE X6.35 HOSE	2
23	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
24	6021GT	WASHER, LOCK, .375	
25	111817-525GT	HOSE ASSY,SAE J2260/J2044 from SN 7924 to 10046	
25-	111817-2775GT	HOSE ASSY,SAE J2260/J2044 from SN 10047 to 12341	
25-	111817-5825GT	HOSE ASSY,SAE J2260/J2044 from SN 12342	
26	53023GT	FITTING,1/4 MPT 5/16 BARB to SN 7923	2
26-	111818GT	FITTING,1/4 NPT X SAE J2044 from SN 7924	
27	19487GT	VALVE, FUEL LOCK	1
28	27089GT	HOSE,5/16 FUEL,SAE 30R7 to SN 7923	
28-	111817-5725GT	HOSE ASSY,SAE J2260/J2044 from SN 7924	
28-	111817-6625GT	HOSE ASSY,SAE J2260/J2044 from SN 12342	
29	71383GT	ELBOW,45D,140339-4	2
30	146413GT	GAUGE, FUEL LEVEL, 20/30 GAL part of fuel tank 146416; from SN 10047	
30-	146550GT	GASKET, FUEL LEVEL GAUGE, GAS	
31	65610-SGT	FUEL TANK ASSY W/CAP, 20 GAL includes item 32; to SN 7923	1
31A-	122277GT	FUEL TANK ASSY W/CAP, 20 GAL (complete) required for first time replacment. Includes items 23 - 25, 30, 32 and fuel tank part 146416; from SN 7924 to 10046	

301.1 Hydraulic and Fuel Tanks - Gasoline/LPG Models



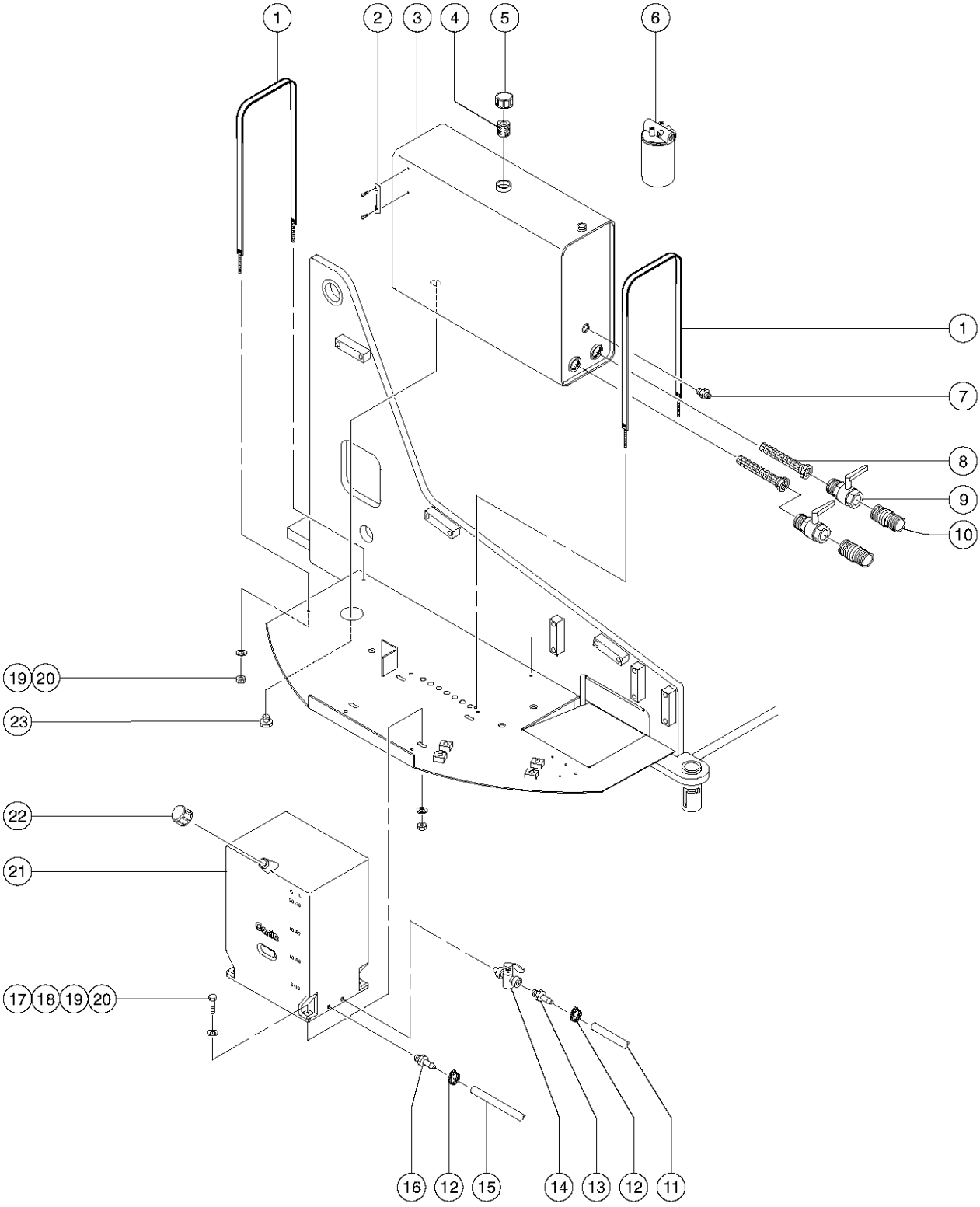
Item	*Part No.*	*Description*	*Qty.*
31B-	214221GT	TANK ASSY, GAS, 20 GAL STEEL from SN 10047	
32	101727GT	CAP,FUEL,GAS,1/8"VENT(RED) to SN 7923	1
32-	119918GT	CAP,FUEL,GASOLINE 3.5PSI from SN 7924	
33	31507GT	PLUG,SQUARE HEAD,3/4 MPT to SN 4832	1
33-	94612GT	PLUG,MAGNETIC,SAE-6*** from SN 4833	
34	7713GT	NUT, LP NYLOCK, 3/8-16	
35	6175GT	SCREW,HHC,3/8-16 X 1	
36	30256-SGT	L.P. TANK BRACKET WELDMENT	1
37A	30275GT	HOSE ASSEMBLY,LP. 137" to SN 6316	1
37B	64066GT	HOSE ASSEMBLY,LP GAS 174" LONG fromSN 6316	

302.1 Hydraulic and Fuel Tanks - Diesel Models



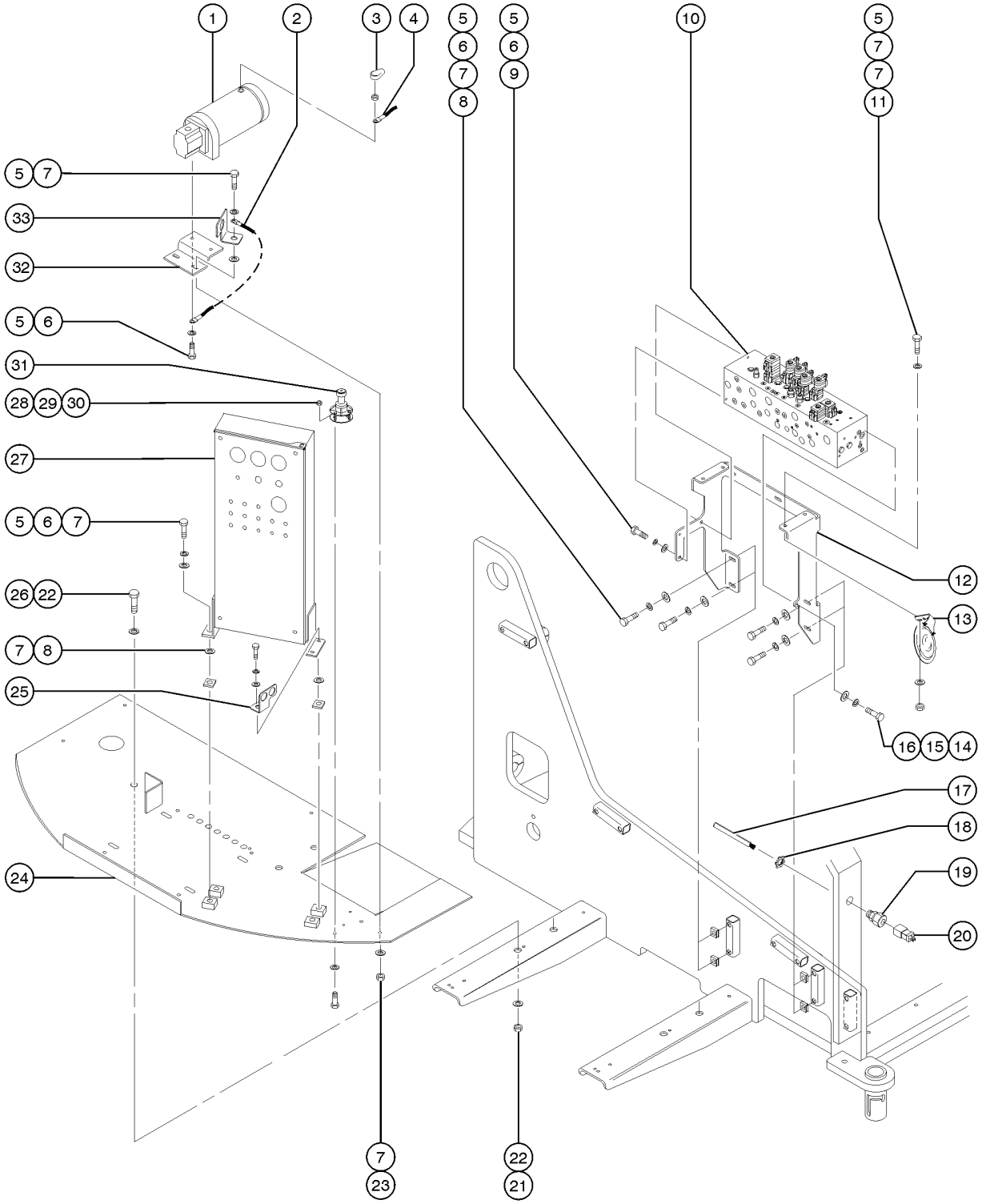
Item	Part No.	Description	Qty.
1	31524GT	STRAP ASSY,TANK, 66 INCH	2
1-	31658GT	EXTRUSION,RUBBER BUMPER STRIP	40 inches
2	21141GT	GAUGE-SIGHT,LHA-LGTB***	1
3	102980GT	HYDRAULIC TANK ASSY W/WORD DEC includes items 5-7, 10 and 30	1
3-	102981GT	HYDRAULIC TANK ASSY W/SYMB DEC includes items 5-7, 10 and 30	
4	31506GT	STRAINER,FILLER NECK to SN 4832	1
5	53527GT	CAP,FILLER BREATHER,3 MICRON**	1
6A	48470GT	FILTER ASSEMBLY W/IND L,PAPER to SN 10376	1
6A-	46014GT	FILTER,ELEMENT,BETA(6)=200 use with 48470; to SN 10376	
6B	22770GT	FILTER ASSEMBLY W/IND L,PAPER includes filter assy 60508 and fittings (refer to 712.1); to SN 10376	
6C	60508GT	FILTER,RETURN,ASSY 10 MICRON from SN 10377	
6C-	61326GT	FILTER ELEMENT,10 MICRON,60508 use with 60508; from SN 10377	
6C-	89616GT	FILTER ELEMENT,3 MICRON***	
6C-	52768GT	GAUGE,MED.PRESSUR FILTER,50530 use with 60508; from SN 10377	
7	48922GT	CONN,520102-6-6 to SN 4832	1
7-	48916GT	CONN, 520120-6 from SN 4833	
8	45161GT	STRAINER ASSEMBLY,1.5" NPT to SN 4832	1
8-	147419GT	KIT,STRAINER REPLACEMENT from SN 4833	
9	48994GT	VALVE,BALL,16 MPT-16 FPT*** to SN 4832	2
9-	48996GT	VALVE,BALL,16 MSAE-16 FSAE*** from SN 4833	
10	48986GT	CONN,520102-16 to SN 4832	2
10-	48984GT	CONN, 520120-16 from SN 4833	
11	27089GT	HOSE,5/16 FUEL,SAE 30R7 to SN 6229	81
11-	27089GT	HOSE,5/16 FUEL,SAE 30R7 Deutz models; from SN 6230	124
11-	27089GT	HOSE,5/16 FUEL,SAE 30R7 Perkins models; from SN 6230	109
12	21465GT	CLAMP,HOSE, .25" TO .63" X .3125"	2
13	53023GT	FITTING,1/4 MPT 5/16 BARB	1

302.1 Hydraulic and Fuel Tanks - Diesel Models



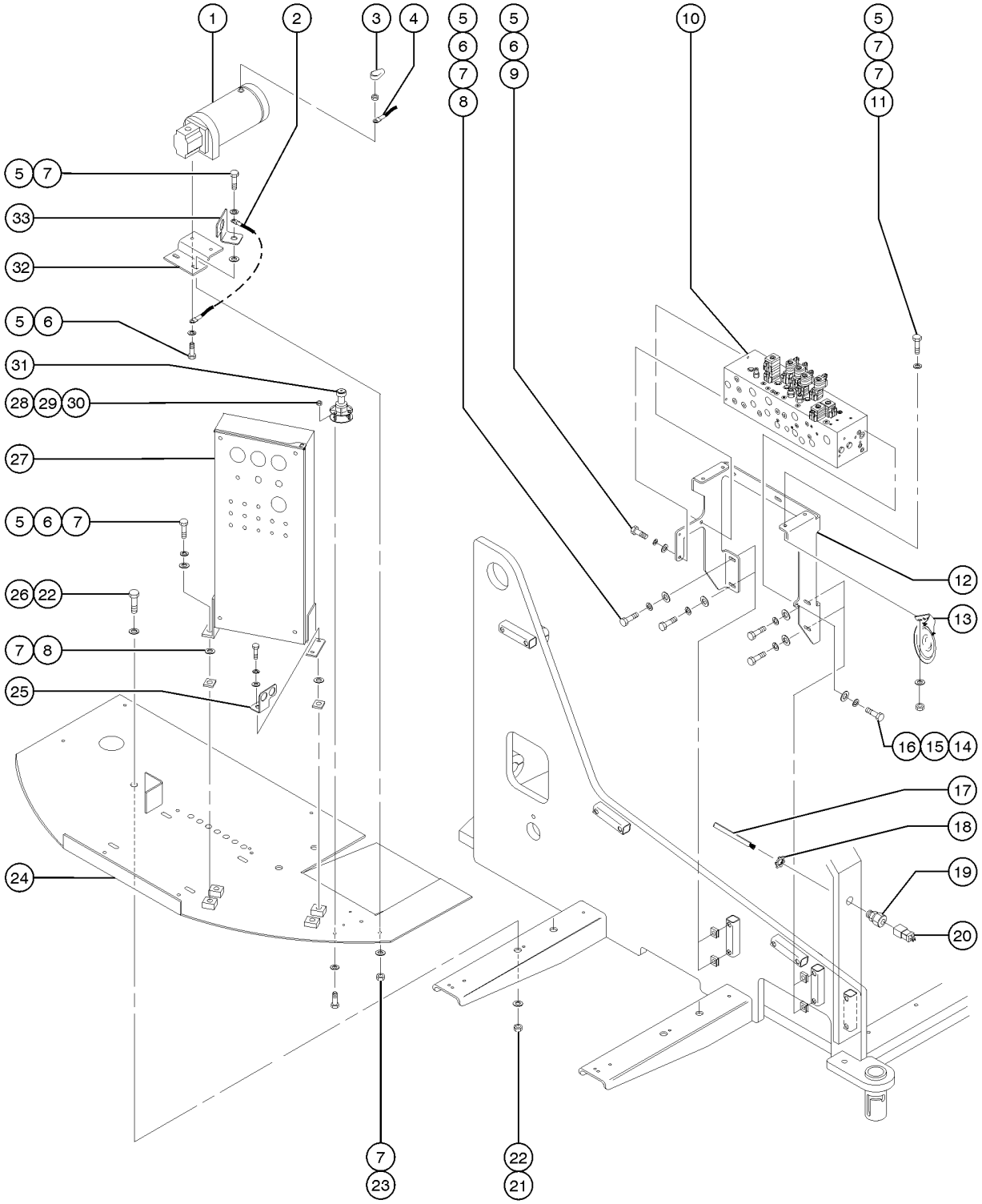
Item	Part No.	Description	Qty.
14	19487GT	VALVE, FUEL LOCK	1
15	30490GT	HOSE,1/4 FUEL LINE,SAE 30R7 Deutz models; to SN 6229	62
15-	30490GT	HOSE,1/4 FUEL LINE,SAE 30R7 Deutz models; from SN 6230	80
15-	35418GT	HOSE,FUEL,3/16,SAE 30R7 Perkins models; to SN 6229	88 inches
15-	35418GT	HOSE,FUEL,3/16,SAE 30R7 Perkins models; from SN 6230	124 inches
16	29137GT	HOSE END,MALE.25 X .25 MPT***	1
17	8178GT	SCREW, HHC, 3/8-16 X 2.5	
18	6097GT	WASHER, FLAT, USS, 3/8", Y	
19	5397GT	WASHER, FLAT, USS, 5/16-18	
20	4828GT	NUT, NYLOCK, 3/8-16	
21	65611-SGT	FUEL TANK ASSY W/CAP, 20 GAL** includes item 22	1
21	54325GT	FITTING,BULKHEAD,1/4NPT,FUELTK	
22	101726GT	CAP,FUEL,DIESEL,1/8"VENT(GRN) no longer available, (replaced by 1316635)	1
22B	1316635GT	CAP, FUEL, DIESEL, 0.08 IN HOLE (BLACK)	1
23	31507GT	PLUG,SQUARE HEAD,3/4 MPT to SN 4832	1
23-	94612GT	PLUG,MAGNETIC,SAE-6*** from SN 4833	

303.1 Function Manifold and Auxiliary Power Unit Installation



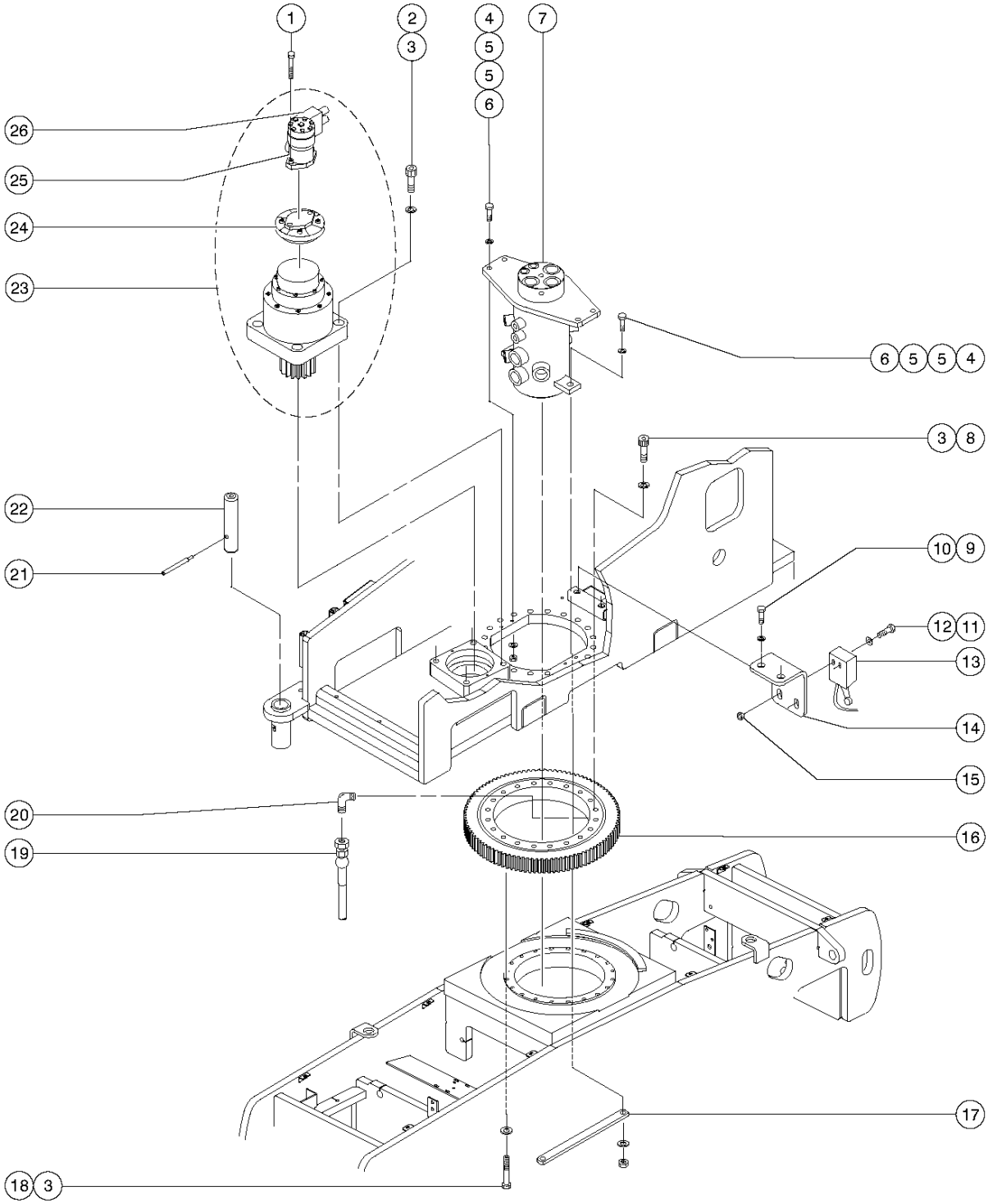
Item	*Part No.*	*Description*	*Qty.*
1	89620GT	POWER UNIT,AUX PUMP 12VDC	1
1-	77069GT	MOTOR,12VDC,77066	
1-	53967GT	SOLENOID,12V CONTINOUS	
1-	58489GT	PUMP ASSY,AUX.POWER UNIT 89617	
1-	75858GT	VALVE,CHECK ASSEMBLY	
1-	37192GT	COUPLER, PUMP / MOTOR (36179)	
1-	122754GT	CABLE,#4GA,POS.AUX,RED,108"	
2	13082GT	WELDING CABLE,#4 EXCELENE/BLK.	61 inches
3	8910GT	BOOT,CABLE TERM,MED.RED,4/0	1
4	65612GT	CABLE ASSEMBLY	
5	6175GT	SCREW,HHC,3/8-16 X 1	
6	6021GT	WASHER, LOCK, .375	
7	5397GT	WASHER, FLAT, USS, 5/16-18	
8	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	
9	6097GT	WASHER, FLAT, USS, 3/8", Y	
10		Ref. Function Manifold (refer to 704.1)	
11	4828GT	NUT, NYLOCK, 3/8-16	
12	75988PGT	BRACKET,FILTER MOUNT,PAINTED	1
13	81578GT	HORN,12VDC,SPADE TERMINALS***	1
14	6888GT	SCREW, HHC, 1/4-20 X 1	
15	6356GT	WASHER, LOCK, .25	
16	6638GT	WASHER, FLAT, USS, 1/4"Y	
17	43955-104400GT	WIRE CABLE,12GA/3 CON.TPE JKT*	1 inches
18	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	1
19	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	1
20	111987GT	CONN,8 POS PLUG 120 AC/15A	1
20-	119404GT	CONN,RECEP 120AC/15A DOMESTIC	

303.1 Function Manifold and Auxiliary Power Unit Installation



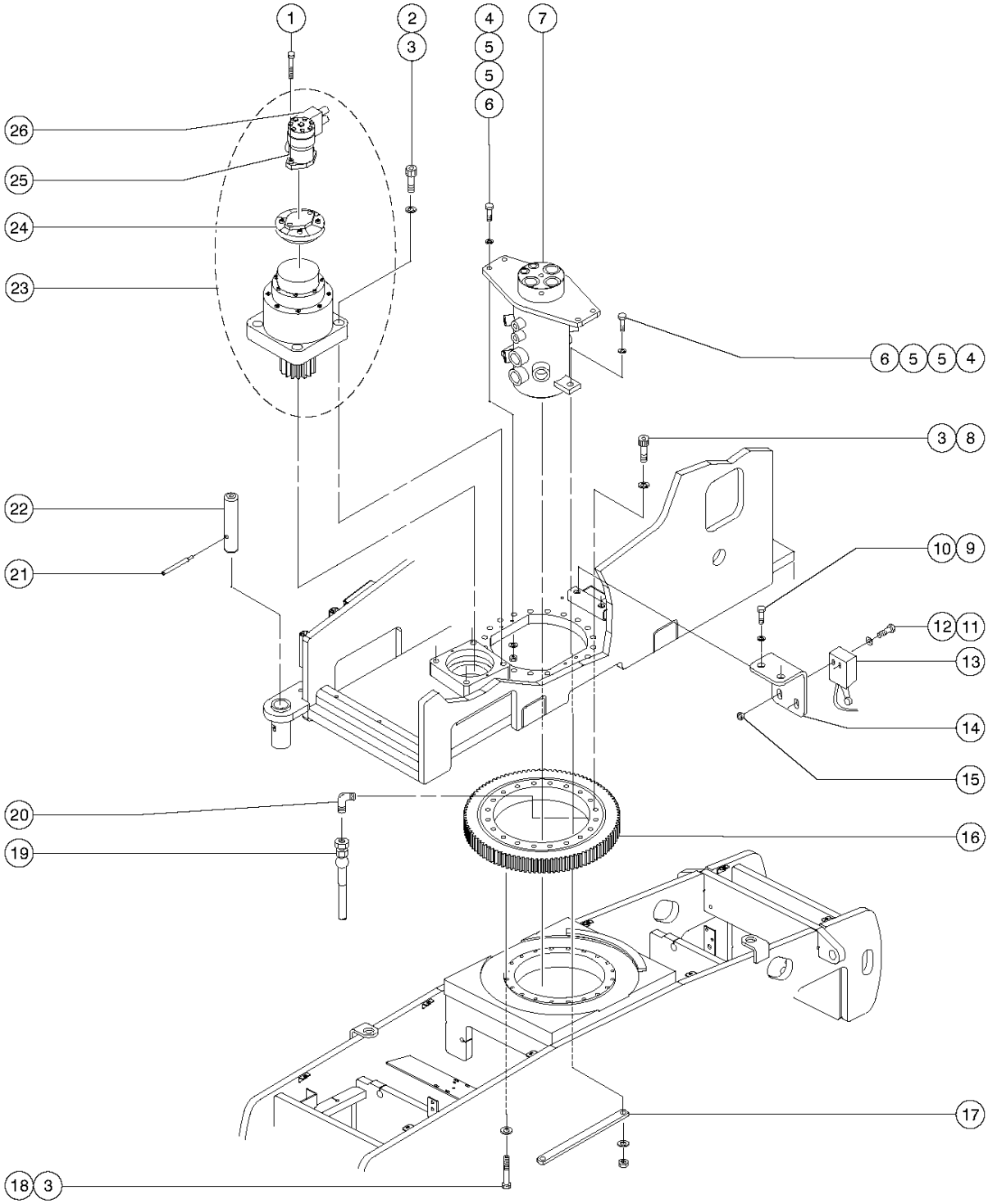
Item	*Part No.*	*Description*	*Qty.*
20-	144161GT	PLUG,PWR,UK,16AMP,3PIN,BLK	
20-	1280665GT	PLUG, TYPE F, 230A, 50HZ, 16A, IP44	
20-	25388GT	PLUG,FUSED,250V,13AMP,U.K.**	
20-		FUSE,13 AMP,220V PLUG (component no longer available) refer to BS1362 BUSS TDC180-13A	
21	6024GT	NUT,NYLOCK,5/8-11	
22	13064GT	WASHER,FLAT,.625 HARDENED	8
23	7713GT	NUT, LP NYLOCK, 3/8-16	
24	75649GT	WLDMNT,HYDRAULIC TANK MODULE	1
25	219447GT	FORMIN, BRACKET BATTERY CABLE from SN 11903	
25-	60584GT	GROMMET,RUBBER .75 X .19 X 1** order separately; from SN 11903	
26	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8	3
27		Ref. Ground Controls (refer to 306.1 and 307.1)	
28	6889GT	NUT,LP NYLOCK,1/4-20	
29	6886GT	WASHER,LOCK,.313	
30	6090GT	SCREW, HHC, 1/4-20 X .75	
31A	94077GT	SENSOR,LEVEL,4.5 DEG USA/Canada/ Australia models	1
31B	110382GT	LEVEL SENSOR,LS60,YL,2.5X4.5 European models	
31C	1260218GT	HARNESS,TILT ALARM,12V for CSA models to SN Z6014-14369	
31D	1264947GT	KIT, LEVEL SENSOR, 6 PIN CONN for CSA models with 6-pin connector to SN Z6014-14369	
32	25855PGT	BRACKET,AUX PUMP MOUNT,PAINT	1
33A	219391GT	FORMIN, BRACKET BATTERY CABLE from SN 11903	1
33B	60584GT	GROMMET,RUBBER .75 X .19 X 1** order separately; from SN 11903	

304.1 Turntable Rotation and Hydraulic Rotary coupler Installation



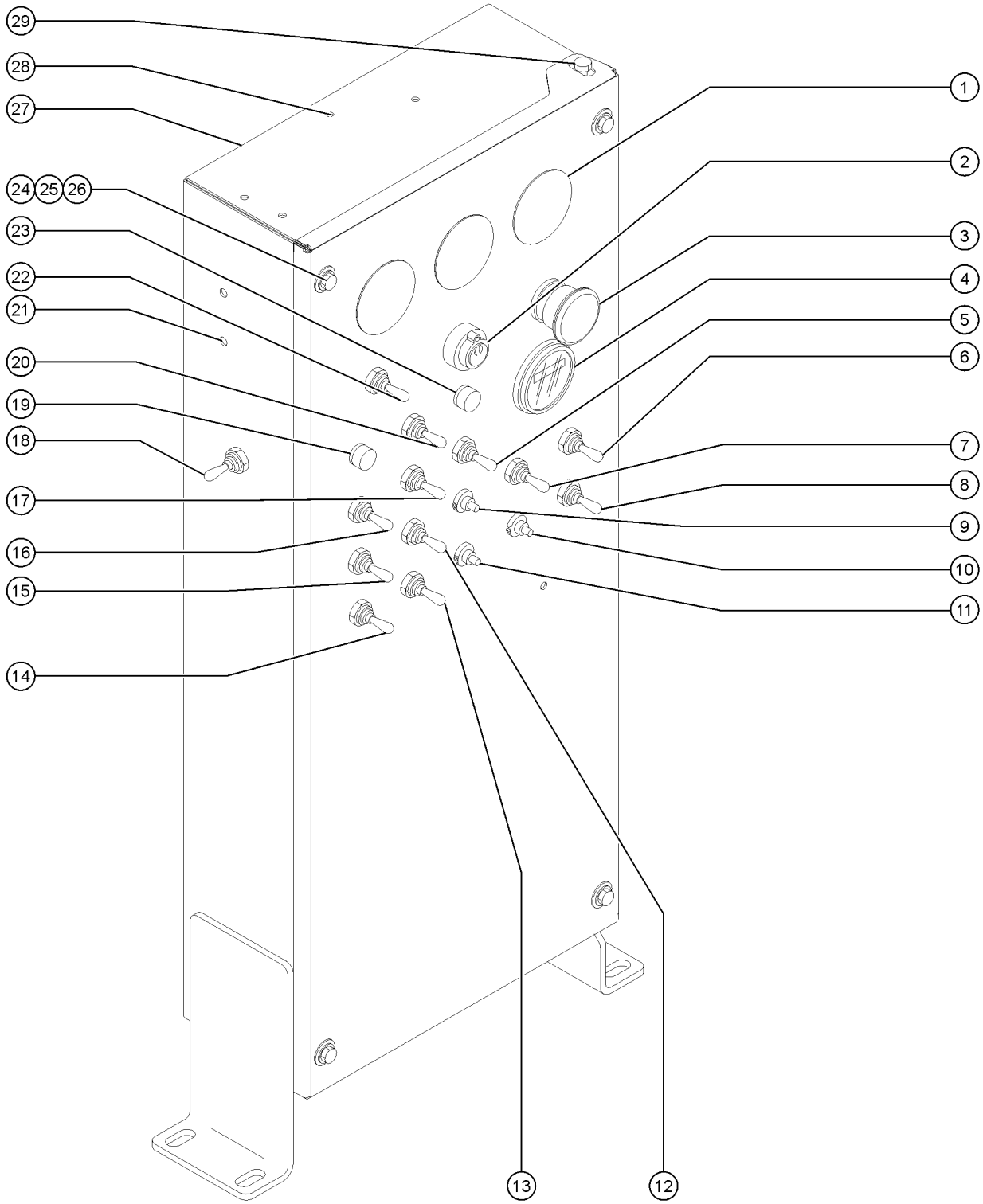
Item	Part No.	Description	Qty.
1	56843GT	SCREW,SHC,1/2-13 X 1.50,A574	
2	81110GT	SCREW,HHC,5/8-11 X 2 GRD.8	4
3	13064GT	WASHER,FLAT,.625 HARDENED	44
4	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	6
5	5397GT	WASHER, FLAT, USS, 5/16-18	
6	4828GT	NUT, NYLOCK, 3/8-16	
7	89571GT	SWIVEL,HYD 8 PORT***	1
7-	94937GT	SEAL KIT,8-PORT SWIVEL	
7-	T106954GT	SEAL, O-RING LIP	
7-	T106955GT	SEAL, POLY, CHAMFER	
7-	T106957GT	SEAL, CAP, NOTCHED	
7-	T106961GT	SEAL, O-RING ENERGIZER	
7-	T106962GT	SEAL, CAP, NOTCHED	
8	45066GT	SCREW,SHC,5/8-11 X 2.25 to SN 8278	20
8-	56900GT	SCREW,SHC,5/8-11 X 2.5 BLK from SN 8279	20
9	7339GT	SCREW,HHC,1/4-20 X .5	
10	6356GT	WASHER, LOCK, .25	
11	22541GT	SCREW,RHM,10-32 X 1.5	
12	6146GT	WASHER,FLAT,MS,#10,Y	
13	102176GT	HARNESS,DRIVE ENABLE,Z60	1
13-	88356-11103GT	SWITCH,LIMIT,W/RLR ARM,NO/NC	
13-	19491GT	CONTACTOR,LIMIT SWITCH	
13-	89756GT	NECK/HEAD-LIMIT SWITCH (88356)	
13-	97128GT	ROLLER ARM,LIMIT SWITCH***	
14	111647PGT	FORMING,DRIVE ENABLE BRACKET	1
15	6178GT	NUT, NYLOCK, 10-32	
16	111648GT	BEARING,SERIES 3000	1
17	89098PGT	PLATE,HYD. SWIVEL LOCK,PAINTED	1

304.1 Turntable Rotation and Hydraulic Rotary coupler Installation



Item	Part No.	Description	Qty.
18	21175GT	SCREW,SHC,5/8-11 X 4,A574 to SN 8278	20
18	61250GT	SCREW,SHC,5/8-11 X 3.75,A574 from SN 8279	20
19	49189-5438-SGT	HOSE ASSEMBLY,1/4	2
20	48887GT	ELBOW,90D, 070202-4	1
20-	30297GT	ZERK,GREASE,1/8 NPT,90DEG.	
21	61223GT	PIN,TRANSPORT STORAGE HANDLE	1
22	61222GT	PIN,TRANSPORT STORAGE LOCK	1
23	89885GT	SWING DRIVE ASSEMBLY includes items 24-26	1
23-	75678GT	SEAL KIT,REDUCER DRIVE TURNTAB	
23-	75681GT	BEARING KIT DRIVE TURN AND HUB	2
23-	75677GT	SHAFT,OUTPUT,PINION,TURNTABLE	
24	75686GT	BRAKE ASSEMBLY,TURNTABLE ROT**	1
24-	75682GT	DISC KIT DRIVE TURNTABLE Z-60*	
24-	75683GT	SPRING,DRIVE TURNTABLE***	12
24-	62466GT	SEAL KIT,BRAKE,TURNTABLE ROT**	
25	75684GT	MOTOR,TURNTABLE ROTATION***	1
25-	75685GT	SEAL KIT,MOTOR TURNTABLE***	
25-	22811GT	O-RING,MOTOR TO BRAKE***	
26	89800GT	MANIFOLD,TURNTABLE ROTATION***	1
26-	75119GT	SEAL KIT,CB VALVE MANIFOLD*** for 89800	

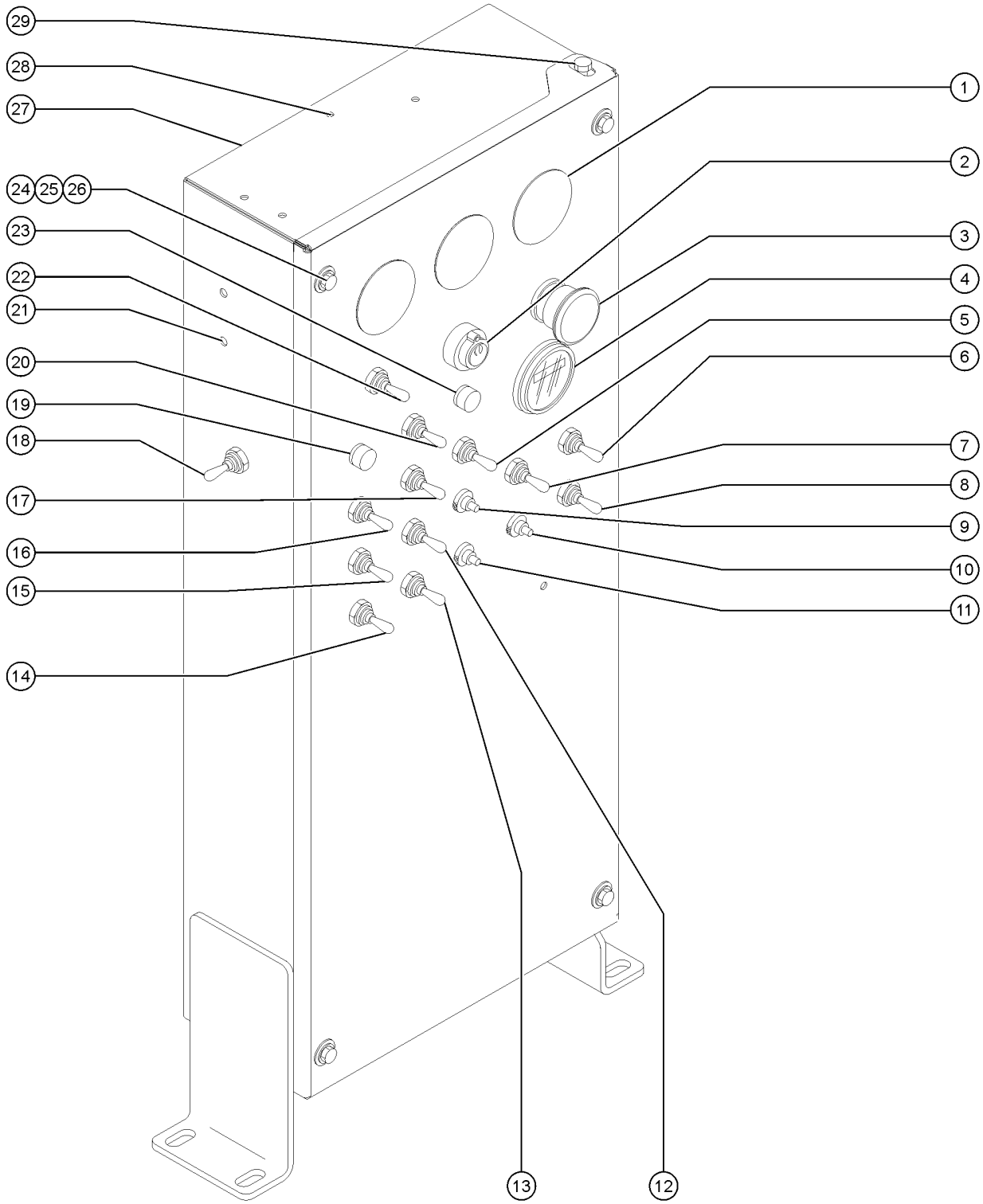
305.1 Ground Controls - View 1



305.1 Ground Controls - View 1

Item	Part No.	Description	Qty.
A-	56445GT	DIODE,6 AMP 200 PIV,REEL	
B-		Ref. Platform Overload Module (refer to 804.1)	
C-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
D-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
1	81900GT	PLUG,NYLON 2.093 BLACK DOMED	3
2	96008-SGT	KEYSWITCH,3 POS. W/KEYS*** includes 1 pair of keys	1
2A-	83093GT	KEY SINGLE***	
2B-	37947GT	KEYS,10 PACK***	
2C-	88827GT	GASKET,KEYSWITCH,PLASTIC***	
2D-	83131GT	KEYSWITCH,3 POS W/KEYS,LOCKING	
3	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
3-	73805GT	BASE,W/2 NC CONTACTS*** includes 2 each N.C. contacts	
3-	66818GT	CONTACT,NC	
3-	146478GT	BOOT(BELLOWS),E-STOP,BLACK	
4	19506GT	HOUR METER, 10-80 VOLTS*** includes mounting bracket	1
5	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	1
6	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM diesel models	1
6-	229567GT	PLUG,SANTOPRENE .5 BLACK DOME Ford models	
7	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
8	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
9	147095GT	ASSY, CIRCUIT BREAKER 20A	1
9-	42288GT	PLUG,NYLON .188 BLACK DOMED USE IF THERE IS NO CIRCUIT BREAKER INSTALLED	
10	147094GT	ASSY, CIRCUIT BREAKER 15A	1
11	147094GT	ASSY, CIRCUIT BREAKER 15A	1
12	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
13	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
14	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	1
15	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	1

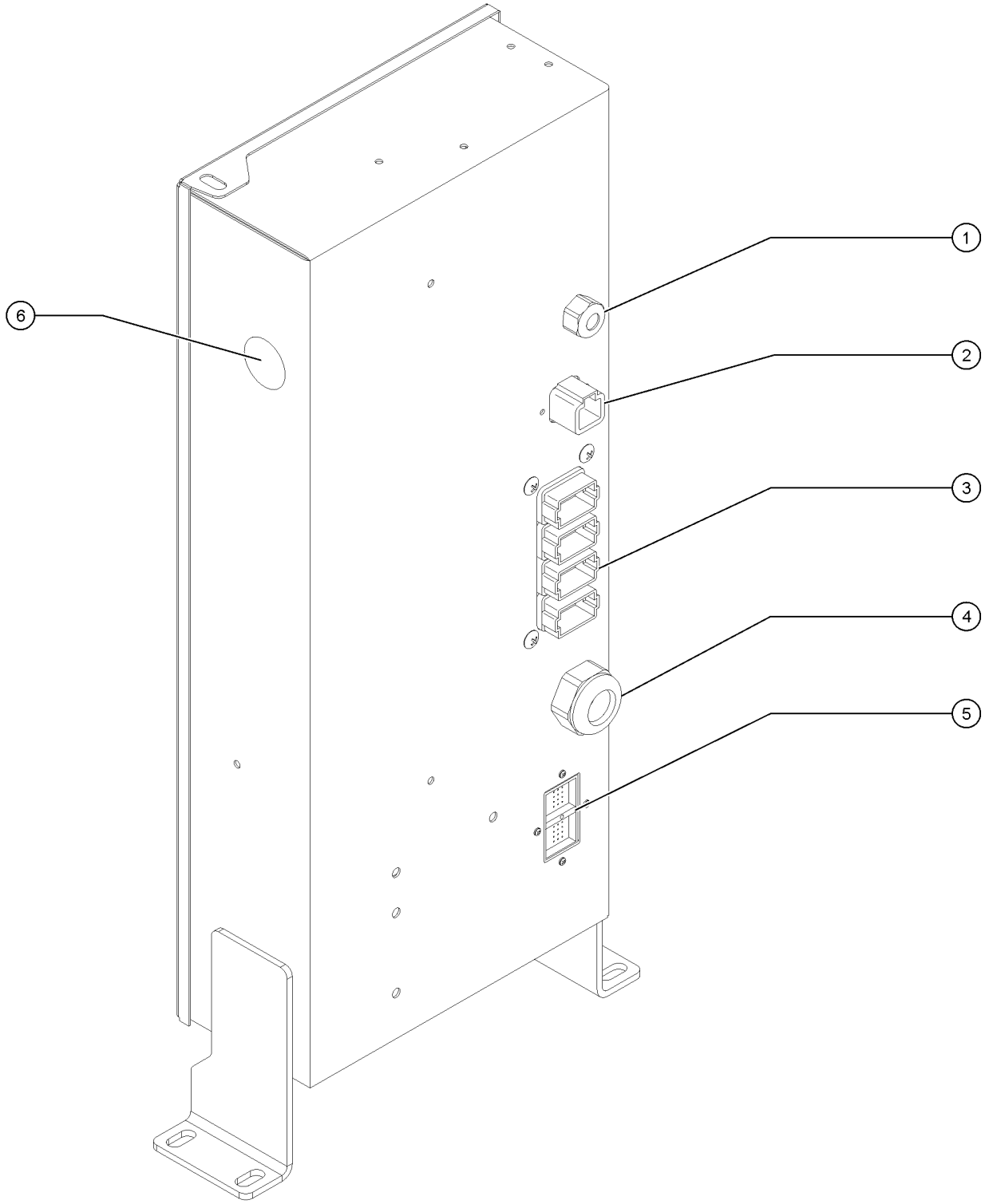
305.1 Ground Controls - View 1



305.1 Ground Controls - View 1

Item	Part No.	Description	Qty.
16	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	1
17	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
18	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT Ford models	1
19	824879GT	LIGHT,LED IND. RED 12V NH (Complete LED light assembly)	1
19-	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	
20	128203GT	SWITCH TOGGLE ASSY SPDT 2P MOM Ford models	1
20-	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	
21	42781GT	PLUG, NYLON .250 BLACK DOMED	2
22	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM	1
23	824882GT	LT.LAMP IND. AMBER 12V ENG.NH Ford models	1
23-	229567GT	PLUG,SANTOPRENE .5 BLACK DOME diesel models	
24	6090GT	SCREW, HHC, 1/4-20 X .75	
25	6356GT	WASHER, LOCK, .25	
26	6638GT	WASHER, FLAT, USS, 1/4"Y	
27	102154GT	CONTROL BOX W/LID & DECAL GRND to SN 5175	1
27-	111334GT	GRND CNTRL BOX W/LID WORD/LPG Gasoline/LPG Models; from SN 5176	
27-	111345GT	GRND CNTRL BX W/LID WORD/DIESE Diesel Models; from SN 5176	
27-	111346GT	GRND CNTRL BOX W/SYMBOL DECALS from SN 5176	
27-	122975GT	WELDMENT, GROUND CONTROL BOX from SN 5176	
27-	122978GT	WELDMENT,LID,GBOX,Z60 use with control box item 122975, does not include decals, from SN 5176	
27-	121599GT	GASKET,GBOX,S80/85 2008	
27-	30997GT	CORROSION INHIBITOR,FOAM	
27-	122028GT	BRACKET,RESISTOR	
28	42288GT	PLUG,NYLON .188 BLACK DOMED	4
29	88315GT	SCREW,SHS,1/4-20 X .25 ZINC use with control box item 122975, from SN 5176, SUPERSEDE; USE UNTIL EXHAUSTED	
29A	1263233GT	BOLT,SHS,5/16X.25X1/4-20,8,ZAG REPLACES 88315	

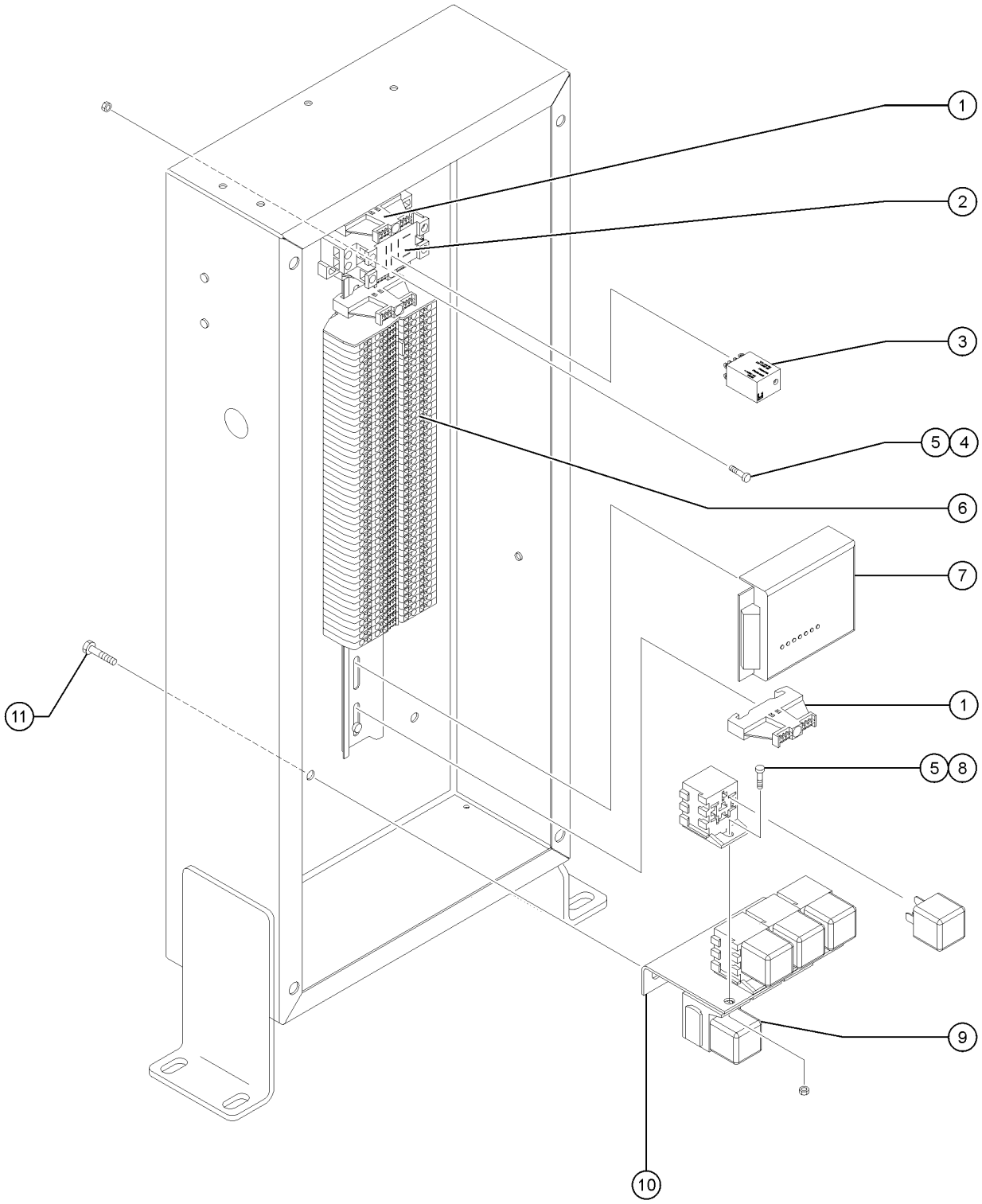
306.1 Ground Controls - View 2



306.1 Ground Controls - View 2

Item	Part No.	Description	Qty.
1	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	1
1-	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	
2	73717GT	CONN, RECEP, 4 WAY, DEUTSCH, DTP, FLANGE	1
3	73736GT	CONN,RECEP 48 WAY,4 X 12	1
4	20776GT	CABLE SQUEEZE CONN	1
4-	18665GT	LOCKNUT,ELECTRIC,1" NPT	
5	73753GT	CONN,RECEP 24 WAY,W/FLANGE	1
6	15243GT	PLUG,NYLON .875 BLACK DOMED	1

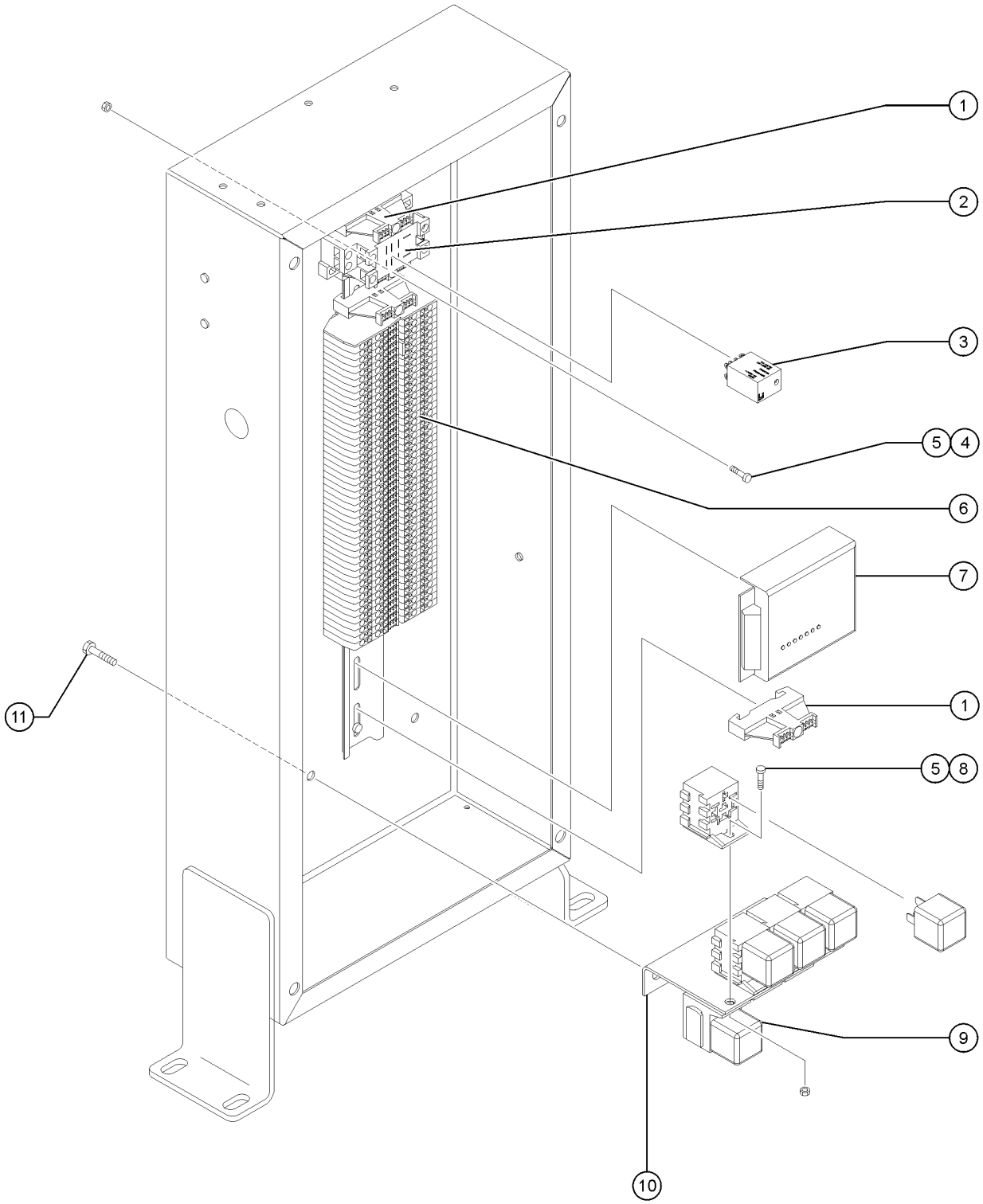
307.1 Ground Controls - View 3



307.1 Ground Controls - View 3

Item	Part No.	Description	Qty.
A-	88832GT	HARNESS,PLUG,NON-LOAD WEIGHING	
B-	128935GT	CIRCUIT BKR 10A TYPE 2 METAL Diesel models; from SN 9645	
C-	139331GT	KIT CB 10A T2 RPM SOLENOID 2W includes item 128935; to SN 9644	
D-	33784GT	CLAMP,1.31,#21 X 1/4,RUB CUSH	
E-	106637GT	MODULE,TIME DELAY ON BREAK 4S welder option	
1	74913GT	END STOP, DIN RAIL,SCREW CLAMP	2
2	33608GT	RELAY,SOCKET,OMRON (welder option)	1
3	33607GT	RELAY,OMRON,DPDT,12V (welder option)	1
4	54365GT	SCREW,PHIL,PHM,10-32 X .5,SSTL	
5	6178GT	NUT, NYLOCK, 10-32	
6	217441GT	TERMINAL RAIL ASSEMBLY,GBOX previous assembly 89172 is no longer available. Order this assembly in its place (includes item 1); from SN 11675	1
6-	216791GT	TERMINAL BLOCK,WIELAND	
6-	33422GT	DIN RAIL,17"	
6-	216793GT	TERMINAL BLOCK END PLATE	
6-	74920GT	MARKING TAGS,# 1-10,WIELAND	
6-	74921GT	MARKING TAGS,# 11-20,WIELAND	
6-	74922GT	MARKING TAGS,# 21-30,WIELAND	
6-	74923GT	MARKING TAGS,# 31-40,WIELAND	
6-	74924GT	MARKING TAGS,# 41-50,WIELAND**	
7	56057GT	MODULE,IGNITION/START,12/24V Diesel models	1
8	54365GT	SCREW,PHIL,PHM,10-32 X .5,SSTL	
9	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN** Ford models	5
9-	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN** Diesel models	6
9-	34053GT	ASSY,RELAY SOCKET, AUTO	
9-	34054GT	TERM,RELAY N-INSULATED 10-12 G	
9-	34055GT	TERM RELAY,N-INSULATE 14-16 GA	
9-	34056GT	TERM,RELAY,N-INSULATE 18-20 GA	
10	54534GT	ANGLE,RELAY MNT,W/NUTSERTS,PNT	1

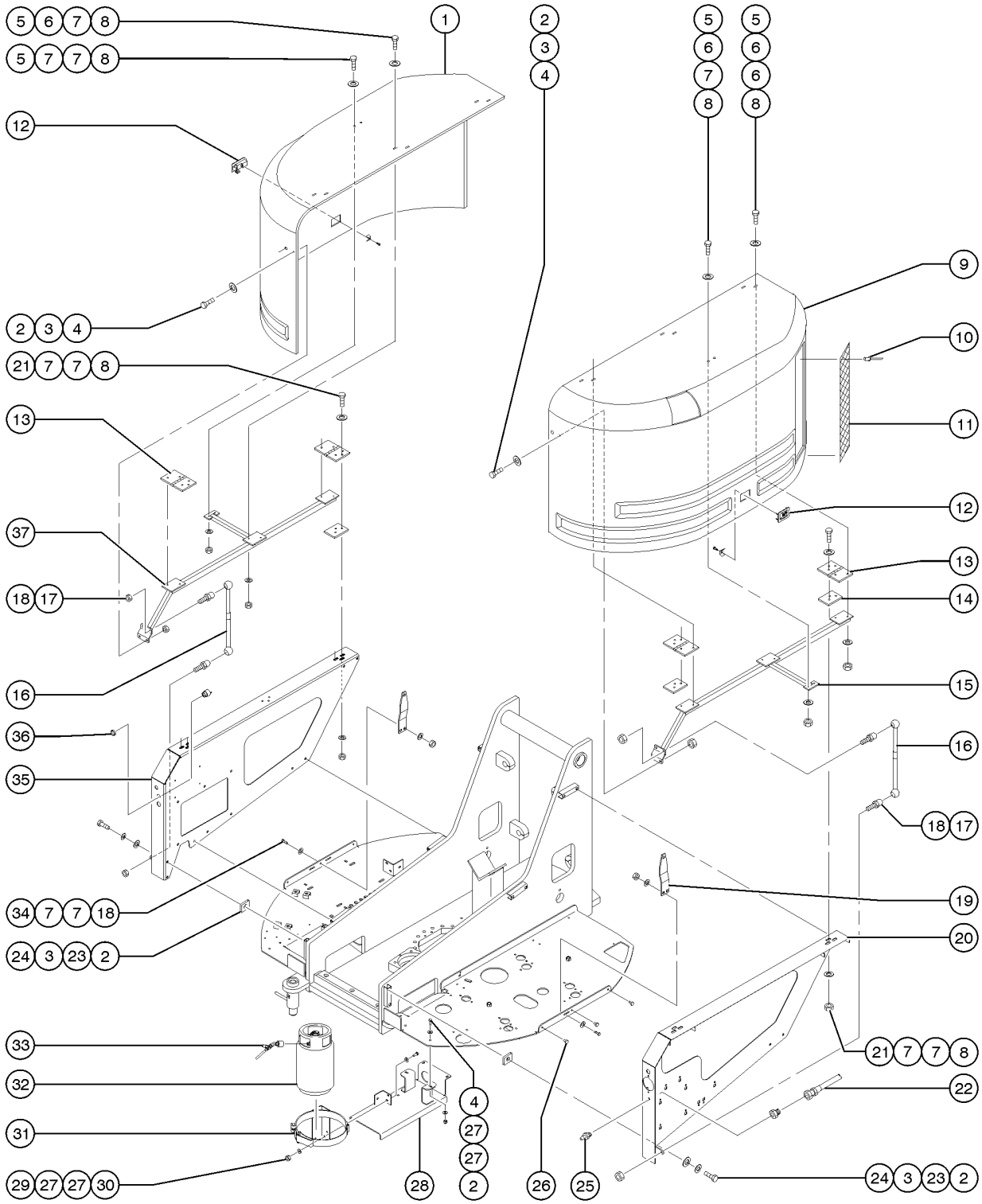
307.1 Ground Controls - View 3



307.1 Ground Controls - View 3

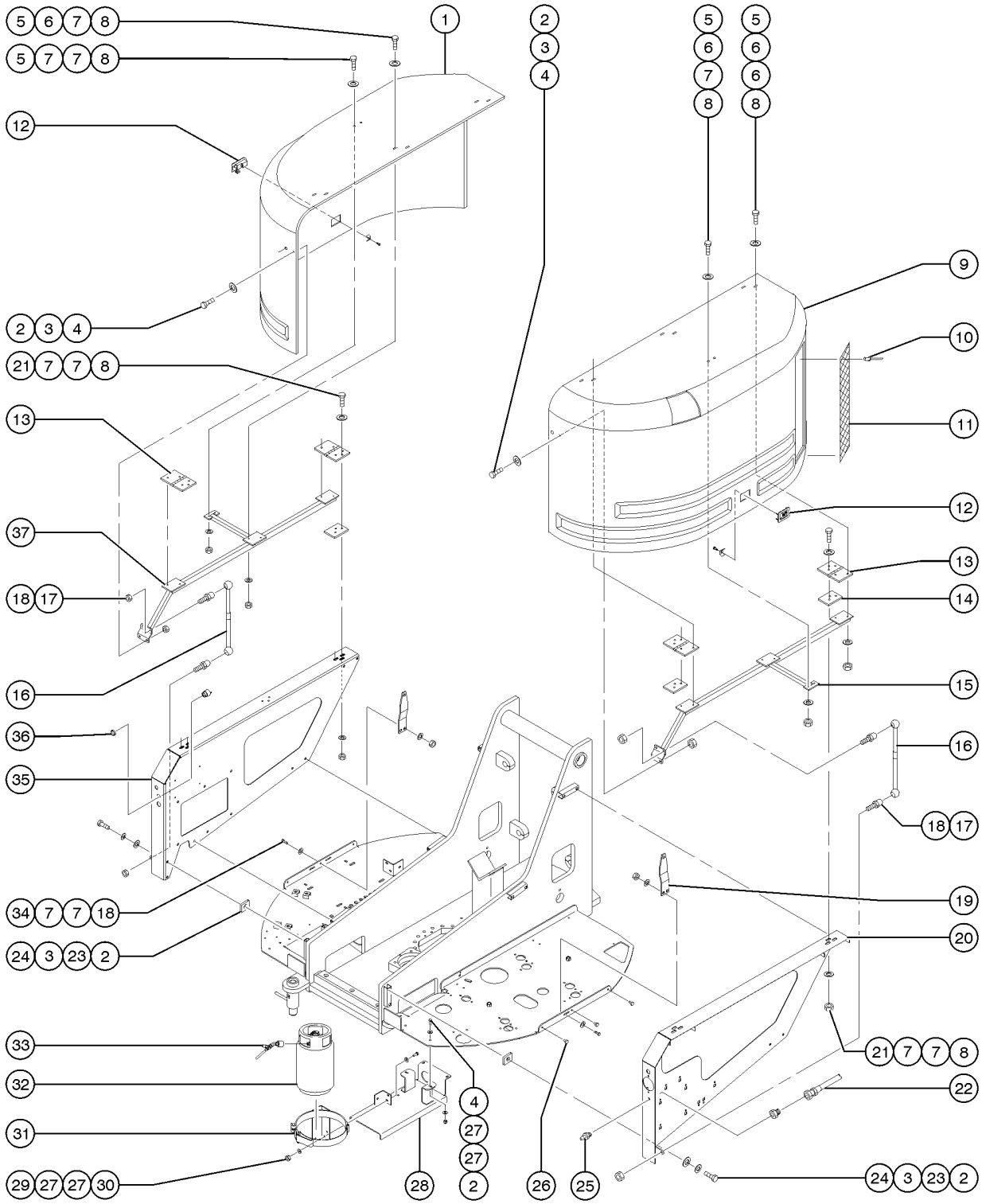
Item	*Part No.*	*Description*	*Qty.*
10-	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD	
11	6090GT	SCREW, HHC, 1/4-20 X .75	

308.1 Turntable Covers



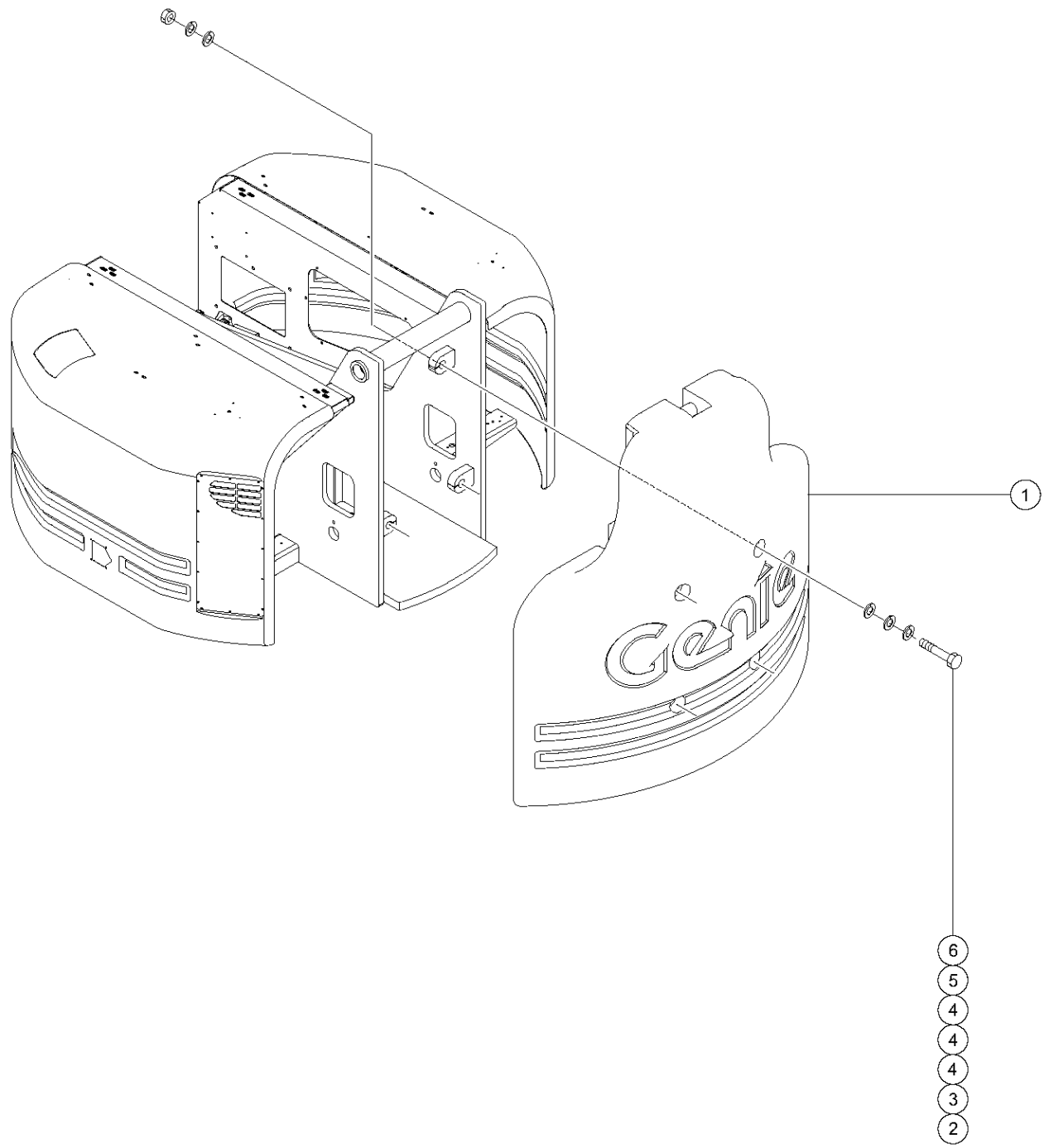
Item	Part No.	Description	Qty.
1	102519GT	TURNTABLE COVER ASSY W/DECALS (assy with word decals) includes items 13; to SN 4709	1
1-	111356GT	LH COVER ASSY W/ WORD DECALS no longer available (assy with word decals) includes items 13; from SN 4710 to 8876	
1-	122883GT	DECAL,WORD,LH,TT,COVER ASSY (assy with word decals) includes items 13; from SN 8877	
1-	102520GT	TURNTABLE COVER ASSY W/DECALS (assy with symbol decals) includes items 13; to SN 8876	
1-	122885GT	DECAL,SYM,LH,TT,COVER ASSY (assy with symbol decals) includes items 13; from SN 8877	
2	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
3	5397GT	WASHER, FLAT, USS, 5/16-18	
4	4828GT	NUT, NYLOCK, 3/8-16	
5	6888GT	SCREW, HHC, 1/4-20 X 1	
6	12906GT	WASHER,FENDER,.25 X 1.25 X.062	
7	6638GT	WASHER, FLAT, USS, 1/4"Y	
8	6091GT	NUT,NYLOCK,1/4-20	
9	58139GT	COVER ASSY, RH, ENGINE, (assy with word decals) Ford and Perkins models; includes items 2, 11-13	1
9-	102151GT	TURNTABLE COVER ASSY,W/DECALS (assy with word decals) Deutz models; includes items 2, 11-13	
9-	102522GT	TURNTABLE COVER ASSY W/SYMBOLS (assy with symbol decals) Ford and Perkins models; includes items 2, 11-13	
9-	102523GT	TURNTABLE COVER ASSY W/SYMBOLS (assy with symbol decals) Deutz models; includes items 2, 11-13	
10	53189GT	RIVET,ALUM,ALUM,P,.25X.375	23
11	89904PGT	PLATE,AIR INTAKE PAINT Deutz models	
11-	49618-SGT	AIR INTAKE FRAME.GRAY Ford and Perkins models	
12	53903GT	LATCH,T-HANDLE,5 SIDED W/KEYS* includes mounting fasteners	1
12-	29314GT	KEY,LATCH, 1 PAIR (28125)	
13	75073GT	HINGE,.375X.120THK.,SLOTTED	4
14	53707GT	HINGE SPACER	4
15	53523-SGT	COVER REINFORCEMENT, R.H.	1
16	30391GT	GAS STRUT,200 LBS.FORCE	2
16-	27377GT	RETAINER,GAS SPRING***	
17	33555GT	BALL STUD**	4
18	6002GT	NUT, LP NYLOCK, 5/16-18	

308.1 Turntable Covers



Item	Part No.	Description	Qty.
19	49535PGT	PLATE,LATCH,BLUE,PAINTED ***	2
20	89625GT	WELDMENT,BULKHEAD,RT SIDE	1
21	6145GT	SCREW, HHC, 1/4-20 X 1.5	
22		Ref Bearing Lubrication Hose Assembly (refer to 304.1)	
23	6021GT	WASHER, LOCK, .375	
24	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	
25	28646GT	ZERK,GREASE,1/8 NPT	1
25-	30430GT	BULKHEAD,FEMALE X 4	
26	34619GT	BUMPER,RUBBER***	6
27	6097GT	WASHER, FLAT, USS, 3/8", Y gasoline/LPG models; from SN 10138	
28	146382GT	WELDMENT,EXT LP TANK BRKT gasoline/LPG models; from SN 10138	
29	7713GT	NUT, LP NYLOCK, 3/8-16 gasoline/LPG models; from SN 10138	
30	6175GT	SCREW,HHC,3/8-16 X 1 gasoline/LPG models; from SN 10138	
31	30256GT	WELDMENT,LP TANK BRACKET** gasoline/LPG models; from SN 10138	
32	53605GT	TANK, 7 GAL/33.5 POUND, LP gasoline/LPG models; from SN 10138	
33	146438GT	HOSE ASSY,LP,106" LG gasoline/LPG models; from SN 10138	
34	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
35	89629GT	WELDMENT,BULKHEAD,LEFT SIDE	1
36	45462GT	ALARM,CHIME TONE 5-25VDC*** from SN 7270	1
36-	72326GT	NUT - PLASTIC, RING FOR ALARMS	
37	53524-SGT	COVER REINFORCEMENT, L.H.	1

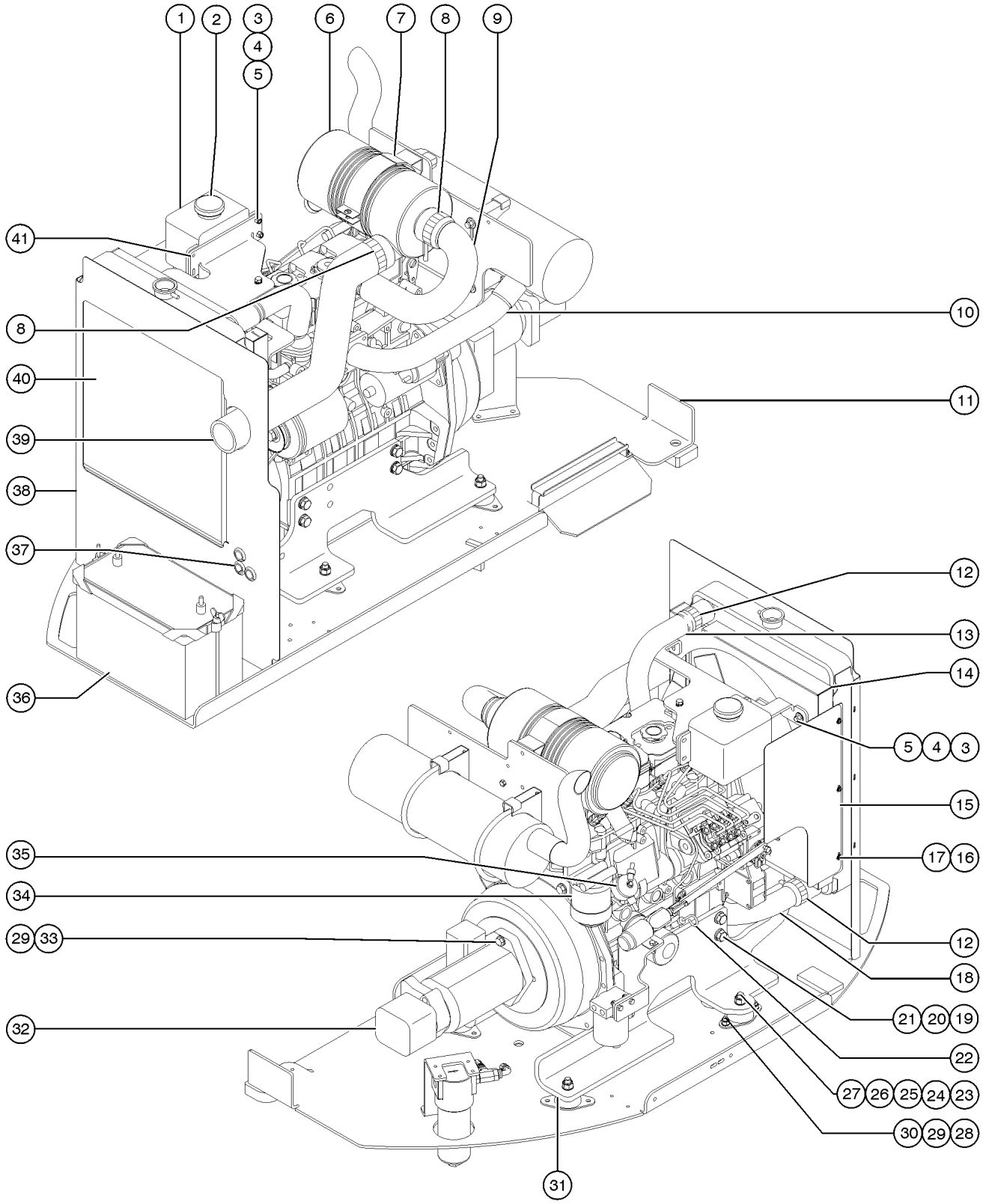
309.1 Turntable Counterweight



309.1 Turntable Counterweight

Item	*Part No.*	*Description*	*Qty.*
1	111371GT	Z60 CW ASSY W/WORD DECALS to SN 8876	1
1-	146049GT	Z60 CW ASSY W/WORD DECALS from SN 8877	
1-	111372GT	Z60 CW ASSY W/SYMBOL DECALS to SN 8876	
1-	146050GT	Z60 CW ASSY W/SYMBOL DECALS from SN 8877	
2	228842GT	SCREW,HHC,1-8 X 16, GRD 2	
3	13775GT	WASHER,FLAT,1.063 X 2 X .134	
4	38859GT	WASHER,FLAT,USS,1",Y	
5	29605GT	WASHER,LOCK,1"	
6	33265GT	NUT,HEX,1-8	

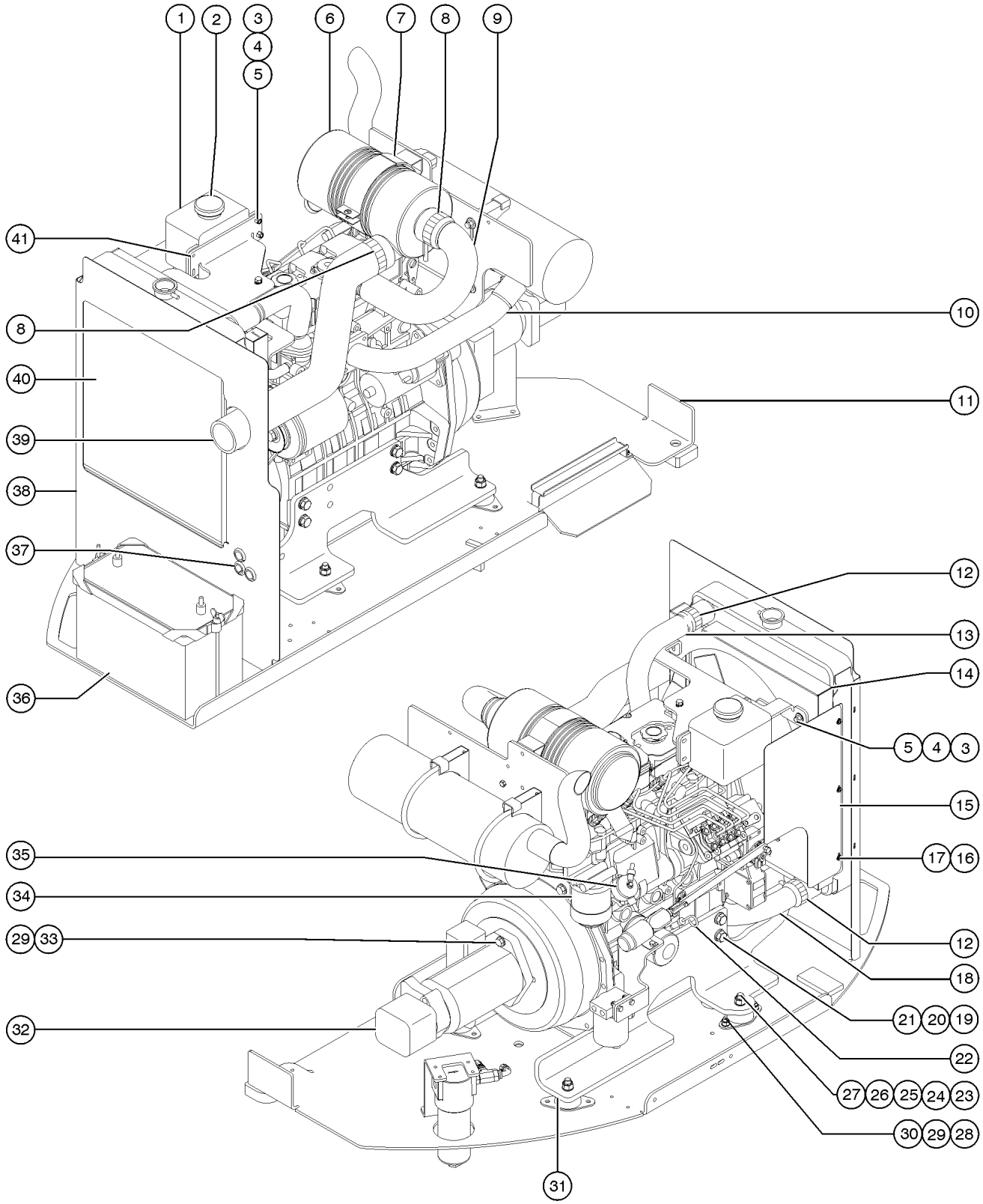
401.1 Perkins 404-22 Engine - View 1



401.1 Perkins 404-22 Engine - View 1

Item	Part No.	Description	Qty.
A-	147348GT	SEAL-VALVE SYSTEM (A) to SN 9339	
B-	147350GT	GASKET-CYLINDER HEAD to SN 9339	
C-	147351GT	SEAL-ROCKER BOX to SN 9339	
D-	147355GT	GASKET-THERMOSTAT HSG to SN 9339	
E-	147352GT	SEAL-INJECTOR to SN 9339	
F-	147353GT	SEAL-INJECTOR to SN 9339	
G-	89942GT	HARNESS,ENGINE,PERKINS,404-22 to SN 5623	
H-	111026GT	HARNESS,ENG.PERKINS,404-22 ALT from SN 5624 to SN 11903	
I-	214904GT	HARNESS,ENG,PERKINS,404-22 ALT from SN 11904	
J-	111141GT	HARNESS, GND BOX, DIESEL,Z60 to SN 9339	
K-	122715GT	HARNESS,GBOX,PERKINS,Z60 from SN 9340 to SN 11903	
L-	215873GT	HARNESS,GBOX,PERKINS,Z60 from SN 11904	
M-	70356GT	OPT,SCRUBBER MUFFLER,PERKINS	
1	1279268GT	BOTTLE, COOLANT RECOVERY, 2QT	1
1-	21465GT	CLAMP,HOSE, .25" TO .63" X .3125"	
2	72327GT	CAP, COOLANT RET SYS(54071)	1
3	6888GT	SCREW, HHC, 1/4-20 X 1	
4	6638GT	WASHER, FLAT, USS, 1/4"Y	
5	6091GT	NUT,NYLOCK,1/4-20	
6	63463GT	AIR CLEANER,NELSON*** plastic housing	1
6-	58415GT	CLIP,AIR CLEANER END CAP*** end cap not available separately	
6-	62420GT	FILTER, AIR D2.9L4	
6-	65810GT	BAFFLE, AIR CLEANER (27915)**	
6-	52866GT	EVACUATOR VALVE-AIR CLEANER	
6-	6782GT	NUT, NYLOCK, 5/16-18	
6-	5397GT	WASHER, FLAT, USS, 5/16-18	
6-	6888GT	SCREW, HHC, 1/4-20 X 1	
7	53952GT	BRKT,AIR CLEANER ORIENTATION**	1

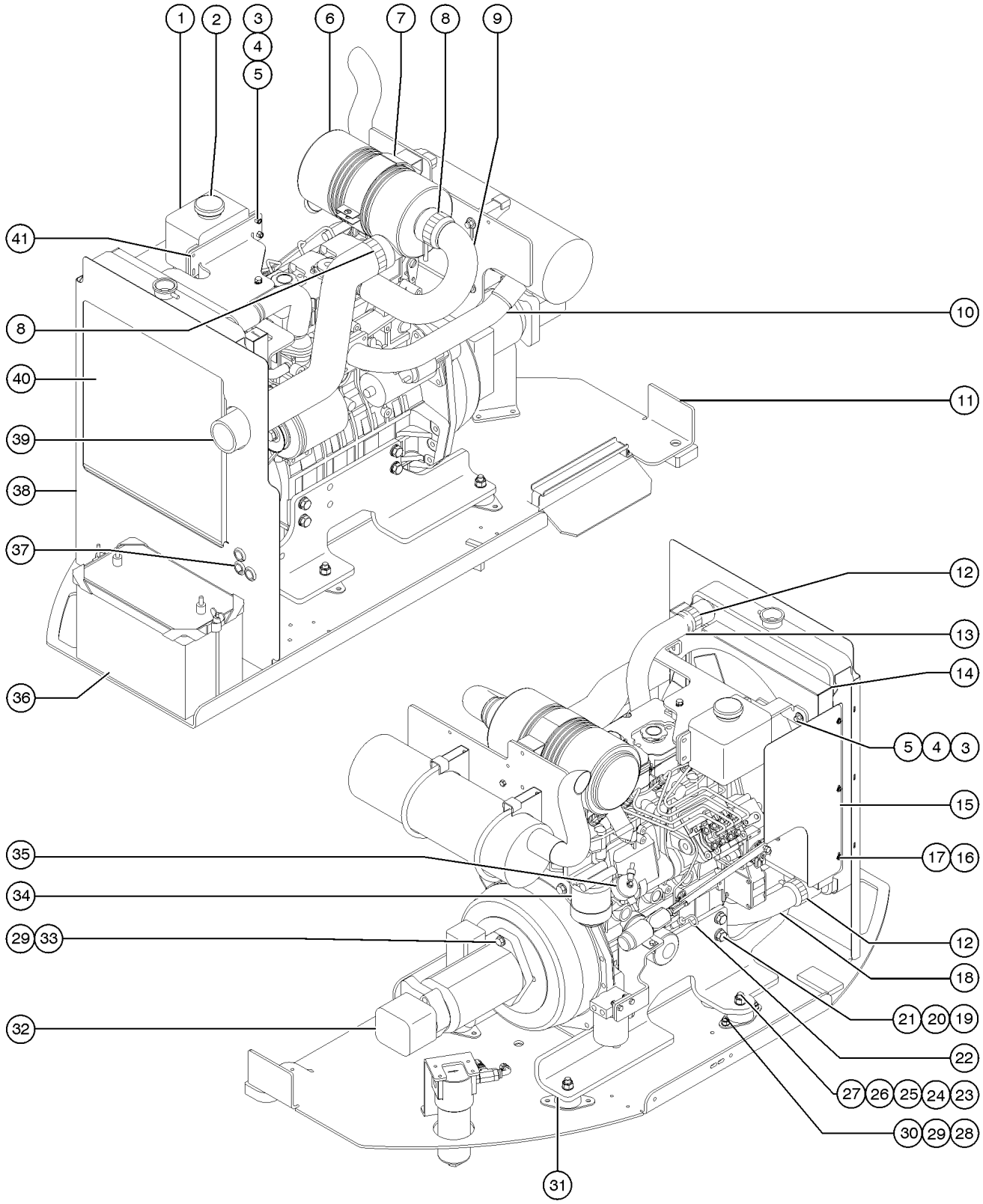
401.1 Perkins 404-22 Engine - View 1



401.1 Perkins 404-22 Engine - View 1

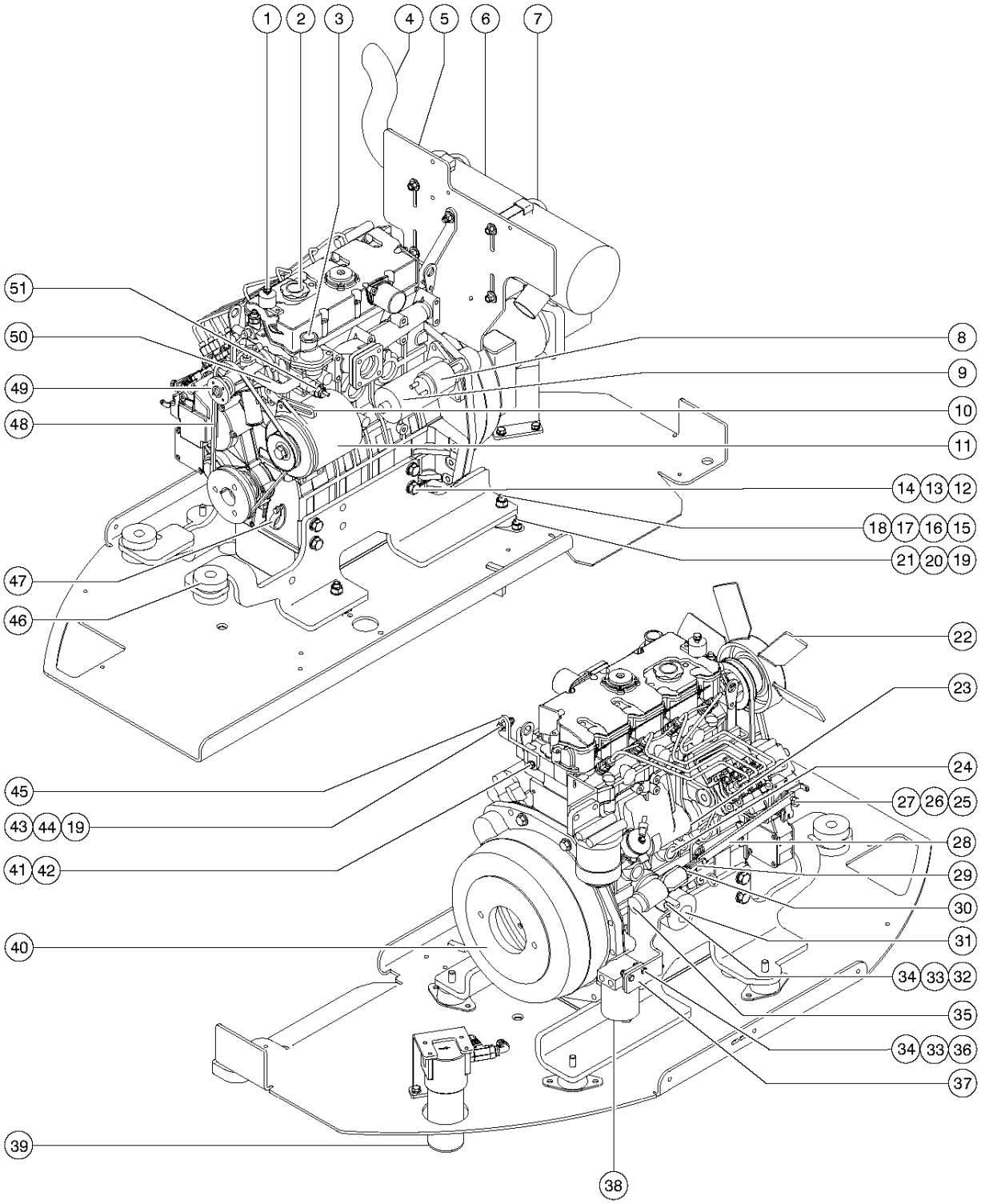
Item	Part No.	Description	Qty.
8	45435GT	CLAMP,HOSE,2.50"	2
9	88847GT	HOSE,AIR CLEANER TO INTAKE	1
10	111390GT	WELDMENT,EXHAUST PIPE	1
10-	94888GT	EXHAUST MANIFOLD	
10-	1314265GT	GASKET, EXHAUST MNFLD, PERKINS 404D-22 (94888)	
10-	72343GT	GASKET,EXH FLANGE-FORD/PERKINS	
10-	72344GT	BOLT,EXHAUST,PERKINS(54555)**	
10-	62845GT	NUT-FLANGE, 8MM (62849)	
11		Ref. Engine Tray (REFER TO 415.1)	1
12	13014GT	CLAMP,HOSE,2.25" DIA.	2
13	54578GT	HOSE,UPPER RADIATOR,PERKINS	1
14	88990PGT	SHROUD,FAN PAINTED	1
15	122377GT	FAN GUARD W/WORD DECAL PERK T2	1
15-	54487PGT	GUARD,FAN,FORD/PERKINS,PAINTED	
16	21019GT	SCREW,PHIL,PHM,10-24 X.5,SEMS	
17	6146GT	WASHER,FLAT,MS,#10,Y	
18	54579GT	HOSE,LOWER,RADIATOR,PERKINS	1
19	54687GT	SCREW,HHC,M14 X 1.5X40MM,GR8.8	
20	37505GT	WASHER,LOCK,M14	
21	49411GT	WASHER,FLAT,M14	
22	89759GT	DIPSTICK, OIL (PERKINS 404) 404C-22; to SN 9339	1
22-	97461GT	DIPSTICK TUBE,PERKINS(403C-11) 404C-22; to SN 9339	
22-	128984GT	DIPSTICK, STRAIGHT SHORT 404D-22; from SN 9340	
22-	128985GT	DIPSTICK TUBE, STRAIGHT SH 404D-22; from SN 9340	
23	6198GT	NUT, NYLOCK, 1/2-13	
24	39479GT	SCREW,HHC,1/2-13 X 2.75	
25	70452GT	ISOLATOR,ENGINE VIBRATION	4
26	80150GT	WASHER-FLAT, 1/2" (80056)	

401.1 Perkins 404-22 Engine - View 1



Item	Part No.	Description	Qty.
27	102066PGT	CASTING,WASHER,REBOUND,PAINTED	
28	4828GT	NUT, NYLOCK, 3/8-16	
29	6175GT	SCREW,HHC,3/8-16 X 1	
30	5397GT	WASHER, FLAT, USS, 5/16-18	
31	102749GT	FORMING,ENGINE MOUNT,RH,PERK	1
31-	102748GT	FORMING,ENGINE MOUNT,LH,PERK	
32		Ref. Function Pump (REFER TO 706.1)	
32-		Ref. Drive Pump (REFER TO 706.1)	
33	6021GT	WASHER, LOCK, .375	
34	1262484GT	FUEL FILTER ASSY,PERKINS 404D/	1
34-	62421GT	FILTER,FUEL,PERKINS	
35	72348GT	PUMP,LIFT(FUEL) PERKINS(54555) 404C-22	1
35-	77990GT	KIT,SEAL,3CC PUMP***	
36		Ref. Battery (REFER TO 415.1)	
37	60584GT	GROMMET,RUBBER .75 X .19 X 1**	3
38	102112PGT	FORMING,ENGINE BAFFLE,PERKINS	1
39	88846GT	HOSE,AIR INLET	1
40	110304GT	RADIATOR,FORD/PERKINS***	1
40-	65473GT	CAP,RADIATOR,PERKINS/FORD	
41	88989PGT	FORMING,UPPER RAD SUPPORT PNTD	1

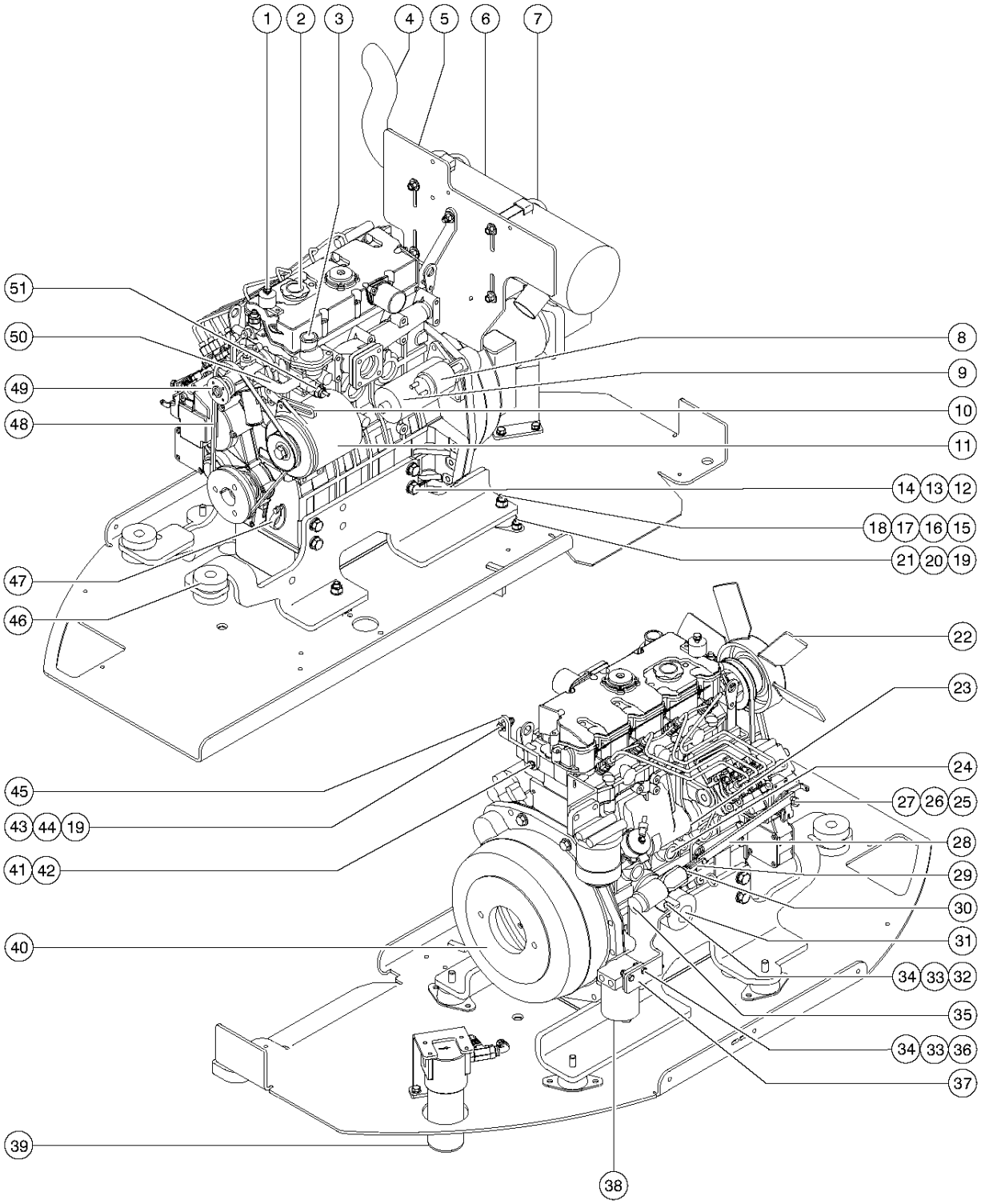
402.1 Perkins 404-22 Engine - View 2



402.1 Perkins 404-22 Engine - View 2

Item	Part No.	Description	Qty.
-	160551GT	KIT, 500 HR, PERKINS 404 every 500 hr service kit	
1	60585GT	ISOLATOR,VIBRATION,M8 MALE/FEM	1
2	65636GT	CAP, OIL FILLER	1
2-	65638GT	SEAL, OIL FILLER CAP	
3	77478GT	THERMOSTAT (PERKINS 104-22) 404C-22; to SN 9339	1
3-	77476GT	HOUSING,THERMOSTAT,PERKINS 104 404C-22; to SN 9339	
3-	128991GT	THERMOSTAT 404D-22; from SN 9340	
3-	128986GT	WATER OUTLET, VERTICAL 404D-22; from SN 9340	
3-	147355GT	GASKET-THERMOSTAT HSG for 128991, Engine block Thermostat	
3-	77477GT	GASKET,THERMOSTAT HSG Vertical Thermostat	
4	89901GT	TAILPIPE,EXHAUST	1
5	88991PGT	FORMING,MUFFLER MOUNT PAINTED	1
6	88841GT	MUFFLER,6"	1
6-	111418GT	SCRUBBER,SPARK ARRESTER,PERKIN	
6-	70385GT	CLAMP,EXHAUST,2.00 PLATED	
7	88993GT	CLAMP,MUFFLER	2
8		SOLENOID,STARTER, (72335) component no longer available	1
9	1262585GT	STARTER MOTOR,PERKINS 404D	1
10	89762GT	LEVER, ALTERNATOR (PERKINS 404	1
11	72342GT	ALTERNATOR, PERKINS (54555) to SN 5623	1
11-	111029GT	ALTERNATOR,65 AMP,PERKINS 404 from 5624	
12	54687GT	SCREW,HHC,M14 X 1.5X40MM,GR8.8	
13	37505GT	WASHER,LOCK,M14	
14	49411GT	WASHER,FLAT,M14	
15	6198GT	NUT, NYLOCK, 1/2-13	
16	39479GT	SCREW,HHC,1/2-13 X 2.75	
17	70452GT	ISOLATOR,ENGINE VIBRATION	4
18	102066PGT	CASTING,WASHER,REBOUND,PAINTED	4

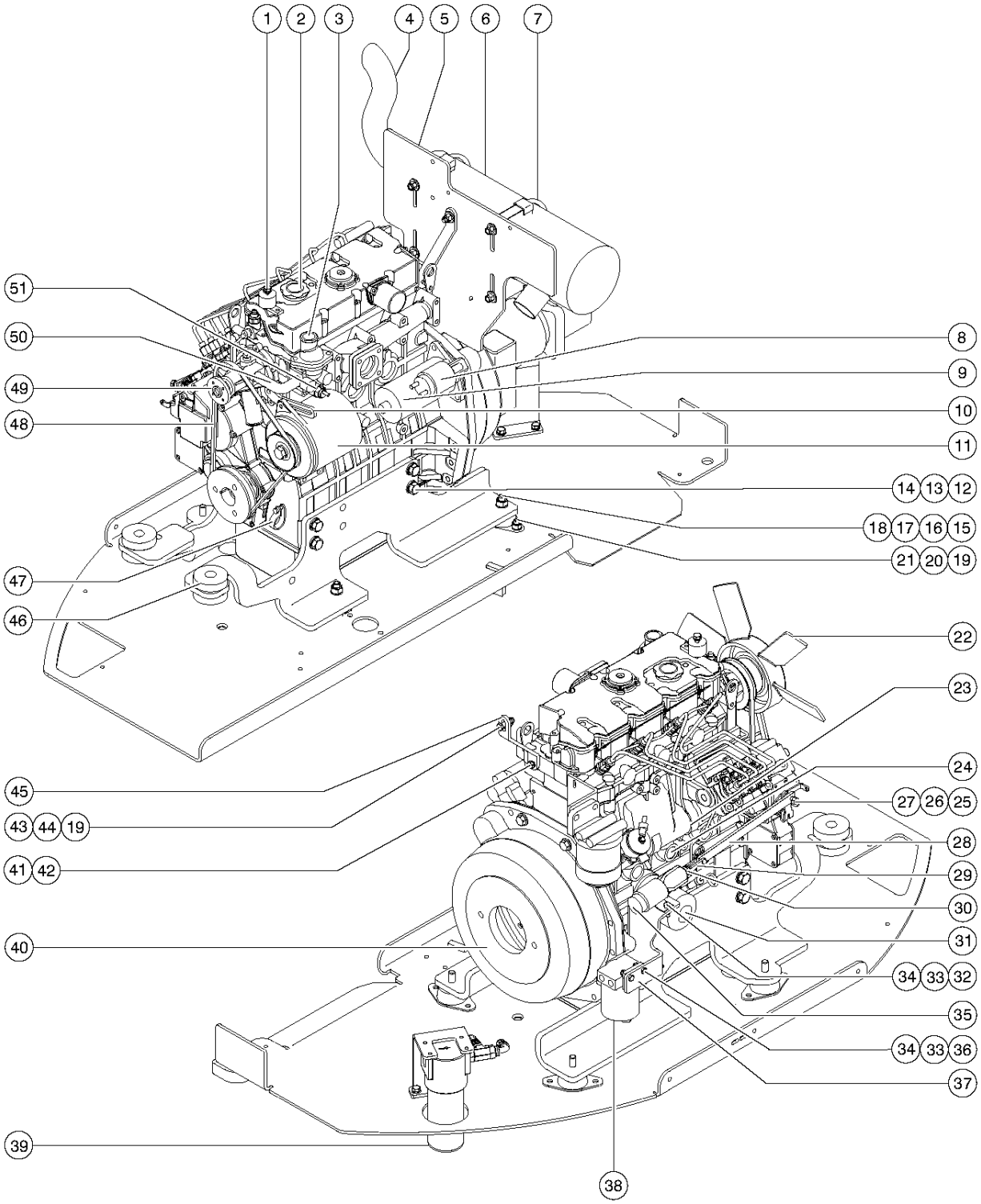
402.1 Perkins 404-22 Engine - View 2



402.1 Perkins 404-22 Engine - View 2

Item	Part No.	Description	Qty.
19	4828GT	NUT, NYLOCK, 3/8-16	
20	6175GT	SCREW,HHC,3/8-16 X 1	
21	5397GT	WASHER, FLAT, USS, 5/16-18	
22	77483GT	FAN, ENGINE (104-22)(404-22)*	1
22-	1252943GT	SPACER,FAN,PERKINS 404F	
23	236426GT	SOLENOID KIT,SHUT DN,PERKINS 404C-22; from SN 4551 to 5623	1
23-	97404GT	SOLENOID,SHUT DN,PERKNS403C-11 404C-22; from SN 5624 to 9339	
23-	106663GT	SOLENOID,SHUT DOWN PERKIN40422 404D-22; from SN 9340	
24	111027GT	SWITCH,OIL PRESS-PERKINS 404 to SN 5623	1
24-	1262469GT	OIL PRESSURE SWITCH,PERKINS 404D-22T	
25	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
26	5397GT	WASHER, FLAT, USS, 5/16-18	
27	6002GT	NUT, LP NYLOCK, 5/16-18	
28	89953GT	FLATBAR,ALUM,THROTTLE LINKAGE	1
29	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN	1
30	21496GT	NUT,HEX,1/4-28	
31	94762GT	OIL FILTER - PERKINS	1
32	6888GT	SCREW, HHC, 1/4-20 X 1	
33	6638GT	WASHER, FLAT, USS, 1/4"Y	
34	6091GT	NUT,NYLOCK,1/4-20	
35	77402GT	SOLENOID,THROTTLE ACTUATOR DSL	1
36	8915GT	SCREW, HHC, 1/4-20 X 1.25	
37	94378PGT	FORMING,SOLENOID MOUNT PAINTED to SN 9339	1
37-	128588GT	FORMING,SOLENOID MOUNT from 9340	
38	75020GT	SEPRTR/FLTR,FUEL DSL,15GPH,.30	1
38-	62433GT	FILTER,ELEMENT,30 MIC,75020	
39		Ref. Medium Pressure Filter Assembly (refer to 419.1)	
40	54573GT	PUMP MOUNT KIT,PERKINS DSL (complete) includes kit 128022 and housing pump 89771	1

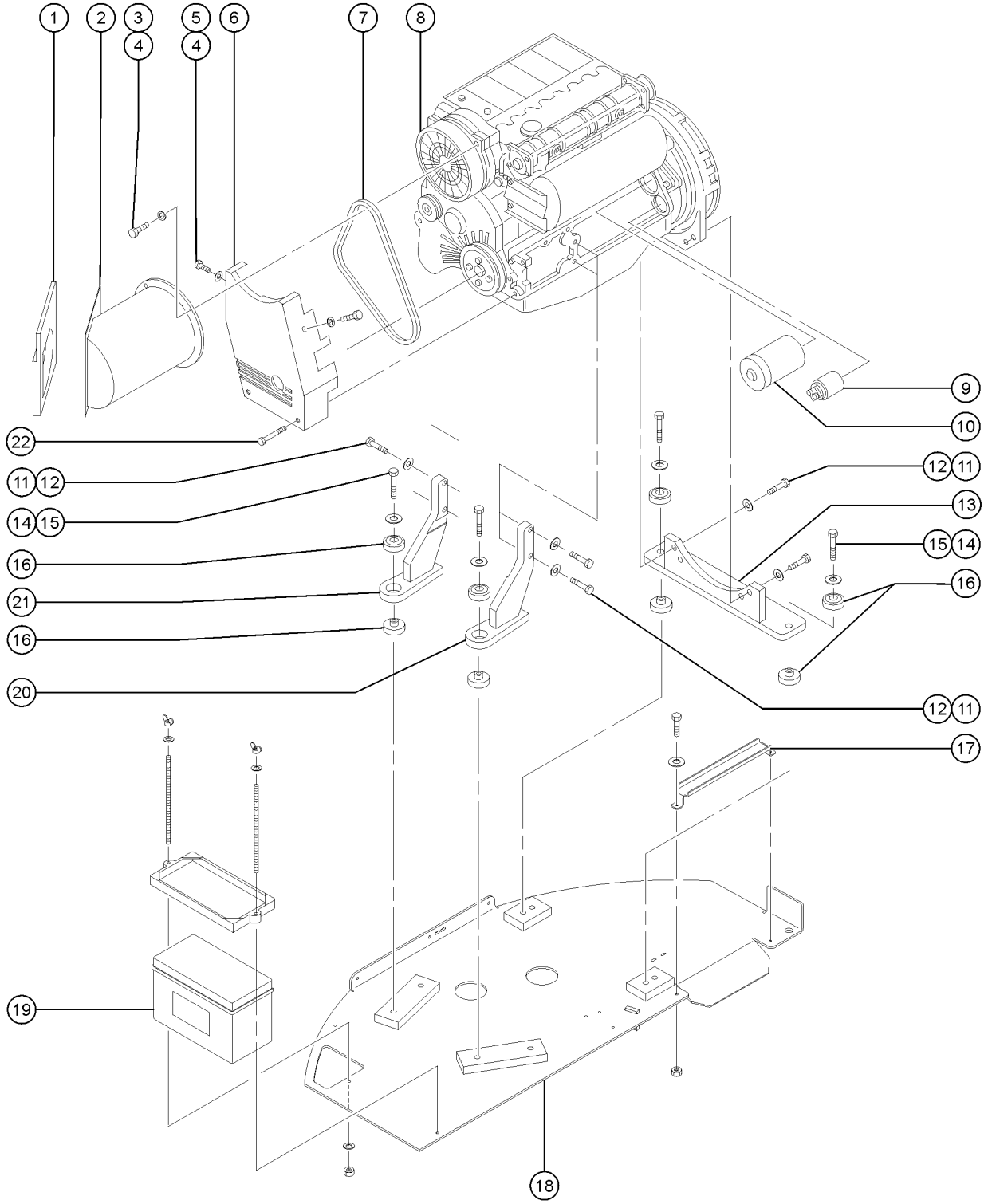
402.1 Perkins 404-22 Engine - View 2



402.1 Perkins 404-22 Engine - View 2

Item	Part No.	Description	Qty.
40A-	128022GT	KIT,FBA STYLE COUPLER,PERKINS includes 15-tooth coupler (128003), fastener kit (1263209) and grease	
40B-	89771GT	HOUSING,PUMP MOUNT (54573)	
40C-	128024GT	SCREW, HHC, M8 X 1.25 X 12 included in kit 128022	
40D-	29749GT	COUPLER,SMALL METAL,15T,*** to SN 8049	
40E-	128003GT	COUPLER,15 TOOTH,FBA,PERKINS** from SN 8050; includes grease	
41	23057GT	SCREW,HHC,M8 X 20MM	
42	49408GT	WASHER, LOCK, M8	
43	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
44	6097GT	WASHER, FLAT, USS, 3/8", Y	
45	88992PGT	FORMING,MUFFLER SUPPORT PAINTE	1
46	24038GT	SHOCK MOUNT,SMALL	4
47	6653GT	CLAMP, 1.88, #30 X 1/4, RUB CUSH	1
48	89765GT	BELT, V (PERKINS 404)	1
49	89763GT	PUMP WATER (PERKINS 404)*** 404C-22; to SN 9339	1
49-	128987GT	WATER PUMP 404D-22; from SN 9340	
49-	58354GT	GASKET,WATER PUMP	
49-	77482GT	PULLEY, WATER PUMP	
49A	58354GT	GASKET,WATER PUMP for 89763, 128987	
50	89764GT	HOSE, WATER PUMP (PERKINS 404)	1
51	111028GT	SWITCH,WATER TEMP,PRKNS,404*** to SN 5623	1
51-	97473GT	SENSOR,WATER TEMPERATURE from 5624	

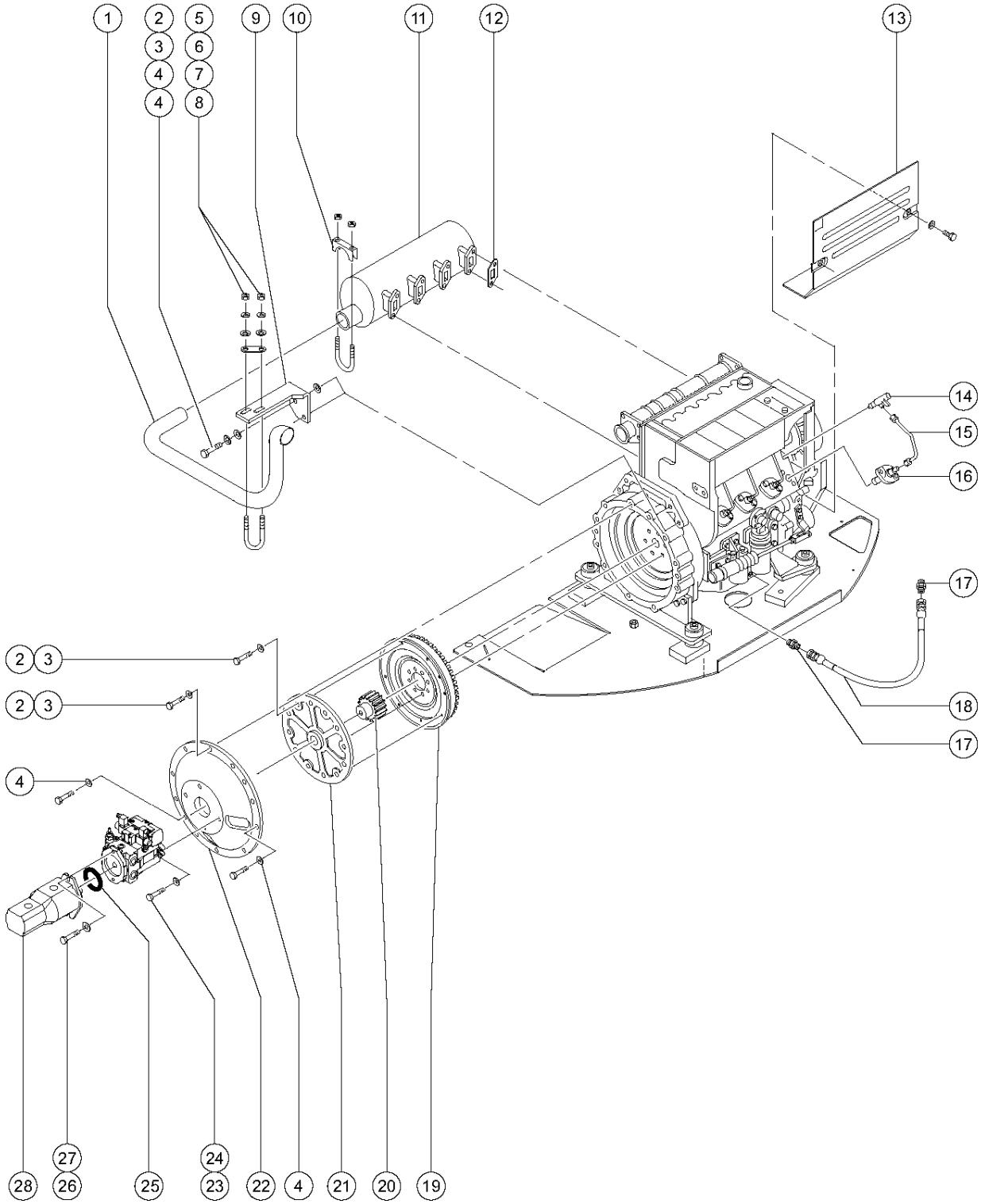
403.1 Deutz F4L 1011F Engine - View 1 (to SN 4607)



403.1 Deutz F4L 1011F Engine - View 1 (to SN 4607)

Item	Part No.	Description	Qty.
-	160550GT	KIT, 500 HR, DEUTZ TURBO every 500 hr service kit	
A-	52229GT	MANUAL,DEUTZ WORKSHOP 1011F	
B-	89453GT	HARNESS,ENGINE,DEUTZ,Z60,2002*	
1	53715GT	FOAM GASKET,AIR INTAKE	1
2	33060PGT	WELDMENT,AIR INTAKE TUBE,BLUE	1
3	32309GT	SCREW,HHC,M8 X 60MM X 1.25	
4	33277GT	WASHER,FLAT,M8,YELLOW ZINC	
5	23057GT	SCREW,HHC,M8 X 20MM	
6	29555GT	COVER,FRONT DEUTZ ENGINE includes 2 each index number 4, 5 and 22	1
7	32698GT	BELT	1
8	35586GT	ALTERNATOR, DEUTZ F3L10/F4L10*	
9	49915GT	SOLENOID-STARTR DEUTZF4L1011F*	1
10	37950GT	STARTER,DEUTZ,F4L1011F/F3L1011 11 tooth; inspect old starter before ordering (includes item 9)	1
10-	139709GT	STARTER, 12V 9 tooth; inspect old starter before ordering (includes item 9)	
11	34265GT	SCREW,HHC,M14 X 55	
12	37505GT	WASHER,LOCK,M14	
13	29550GT	WELDMENT,DEUTZ ENGINE MOUNT	1
14	13003GT	SCREW,HHC,5/8-11 X 3.5 GRD.8	4
15	33418GT	WASHER,FLAT,.625 X 2.25 X.15	
16	28076GT	ISOLATOR,VIBRATION,LG,RD&WH***	4
17	89672PGT	FORMING,HYD. HOSE RESTRAINT	1
18		Ref. Engine Tray (refer to 415.1)	
19		Ref. Battery (refer to 415.1)	
20	32748GT	WELMENT,DEUTZ ENGINE MOUNT	1
21	32749GT	WELDMENT,DEUTZ ENGINE MOUNT	1
22	49401GT	SCREW,HHC,M8 X 100	

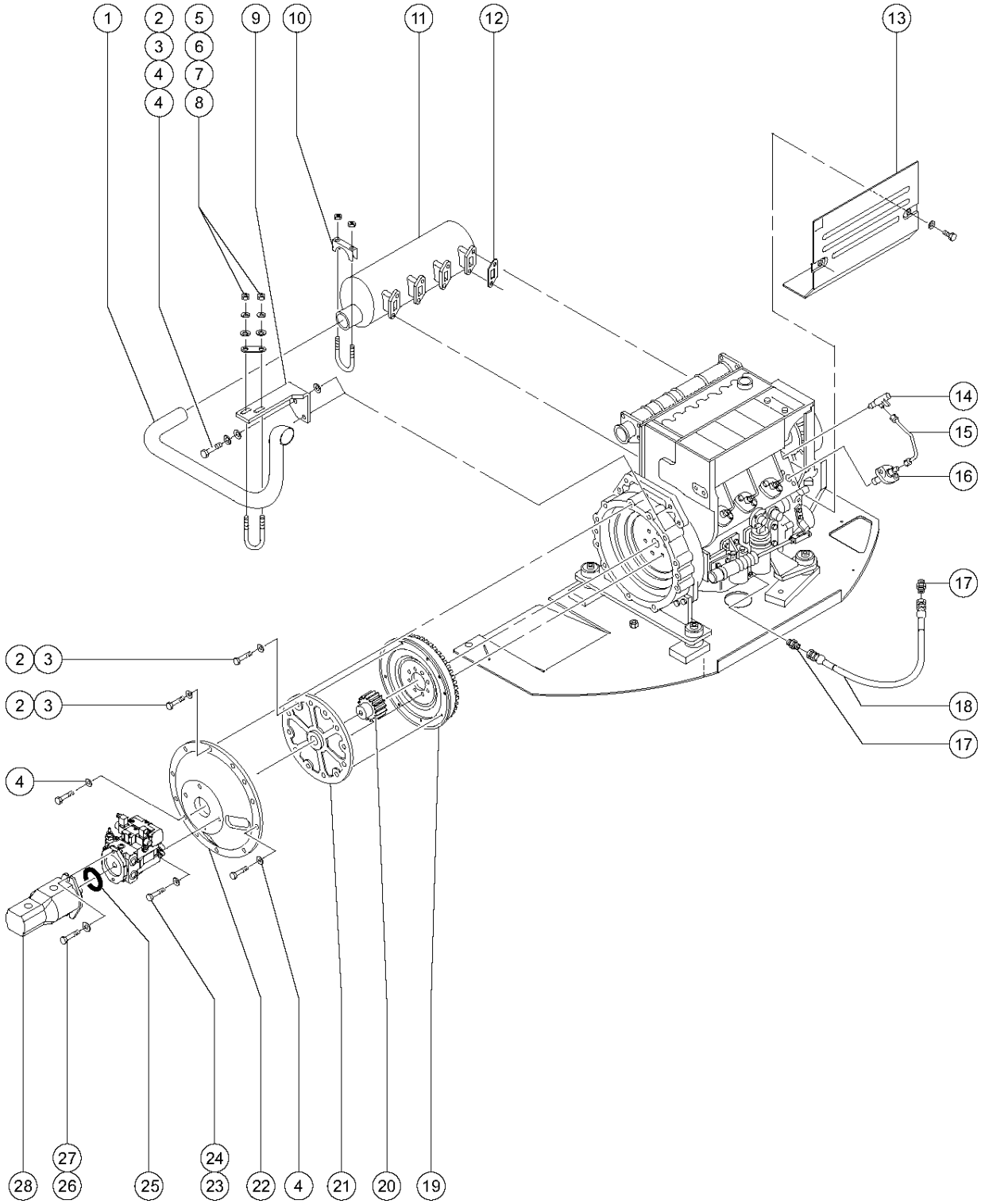
404.1 Deutz F4L 1011F Engine - View 2 (to SN 4607)



404.1 Deutz F4L 1011F Engine - View 2 (to SN 4607)

Item	Part No.	Description	Qty.
1	30493GT	EXHAUST,TAILPIPE,DEUTZ,Z60	1
2	44064GT	SCREW,HHC,M10 X 30MM,	
3	22700GT	WASHER,LOCK,M10	
4	6097GT	WASHER, FLAT, USS, 3/8", Y	
5	6037GT	NUT,HEX,5/16-18,GR5	
6	6886GT	WASHER,LOCK,.313	
7	6638GT	WASHER, FLAT, USS, 1/4"Y	
8	16584GT	U-BOLT, KIT 5/16-18 X 2.5 ***	
9	27329PGT	BRACKET,EXHAUST SUPPRT,PAINT	1
10	30438GT	CLAMP,MUFFLER,2 1/4" ID.	1
11	29558GT	MUFFLER**	1
12	29559GT	GASKET,EXHAUST	4
13	49916GT	COVER - DEUTZ F4L1011F includes mounting fasteners	1
14	49919GT	INJECTOR - DEUTZ F4L1011F Non-EPA models	4
14-	65458GT	INJRCTOR-FUEL(F4L 1011F-EPA) EPA models	
15	49921GT	FUEL LINE INJ. DEUTZ F4L1011F	4
16	49929GT	INJECTOR PUMP - DEUTZ F4L1011F Non-EPA models	4
16-	65459GT	PUMP-INJECTOR (F4L 1011F-EPA) EPA models	
17	48916GT	CONN, 520120-6	2
18	49135-3389-SGT	HOSE ASSY 3/8"	1
19	49917GT	RING GEAR,DEUTZ F3 & F4L1011F* (please verify ring gear thickness) 0.6 inches	1
19-	89785GT	RING GEAR,DEUTZ F3L2011F (please verify ring gear thickness) 0.6 inches	
19-	33729GT	RING GEAR,DEUTZ F3 & F4L1011* (please verify ring gear thickness) 0.365 inches	
20	37003GT	COUPLER,HUB,15 TOOTH 7/16BOLT*	1
21	33024GT	FLYWHEEL FLANGE,GREEN PLASTIC	1
22	30806GT	FLYWHEEL COVER,CASTING***	1
23	8177GT	SCREW,HHC,1/2-13 X 1.5	
24	6033GT	WASHER,LOCK,0.5"	

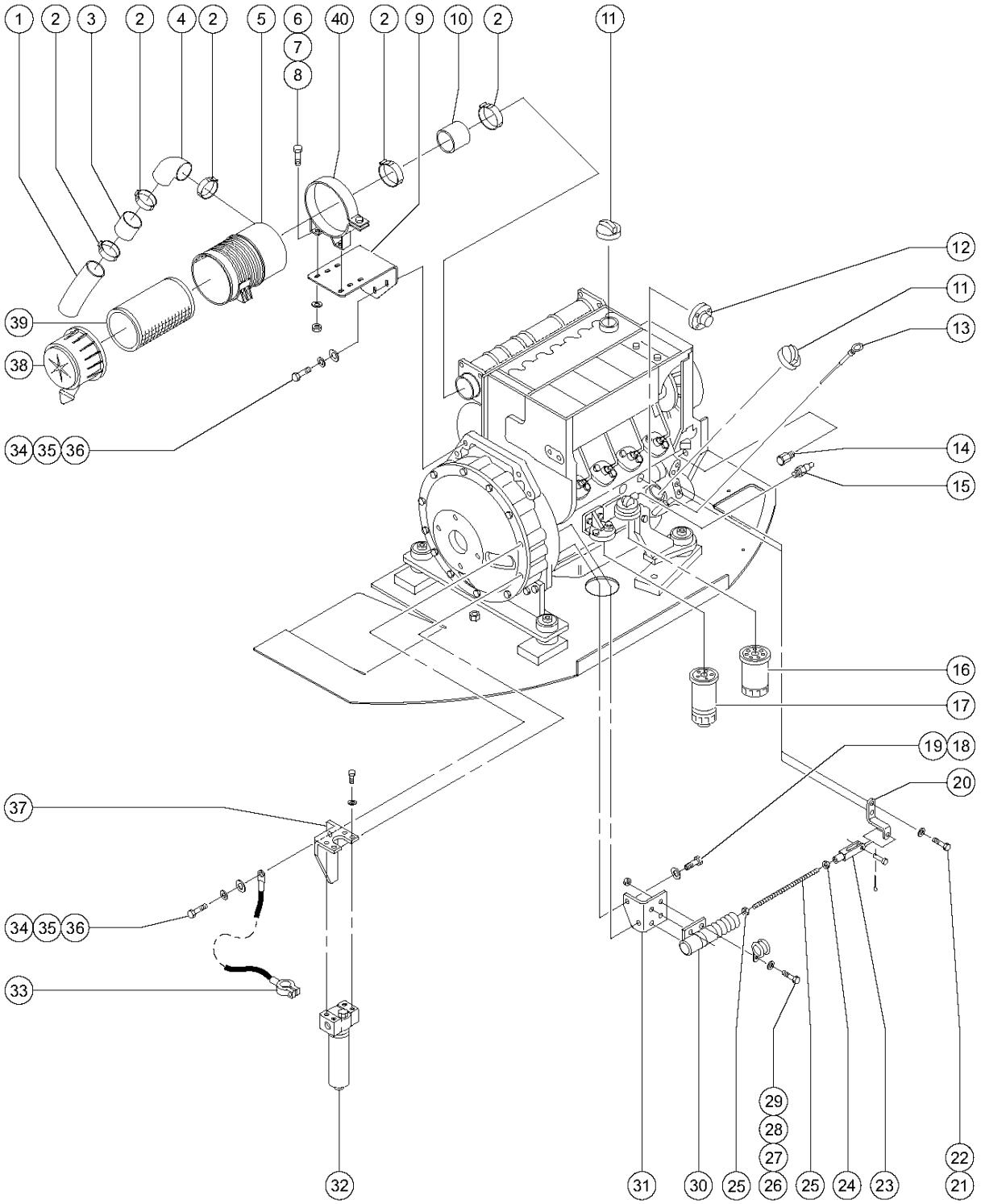
404.1 Deutz F4L 1011F Engine - View 2 (to SN 4607)



404.1 Deutz F4L 1011F Engine - View 2 (to SN 4607)

Item	*Part No.*	*Description*	*Qty.*
25		Ref. O-ring (refer to 706.1)	1
26	6175GT	SCREW,HHC,3/8-16 X 1	
27	6021GT	WASHER, LOCK, .375	
28		Ref. Function Pump (refer to 706.1)	
28-		Ref. Drive Pump (refer to 706.1)	

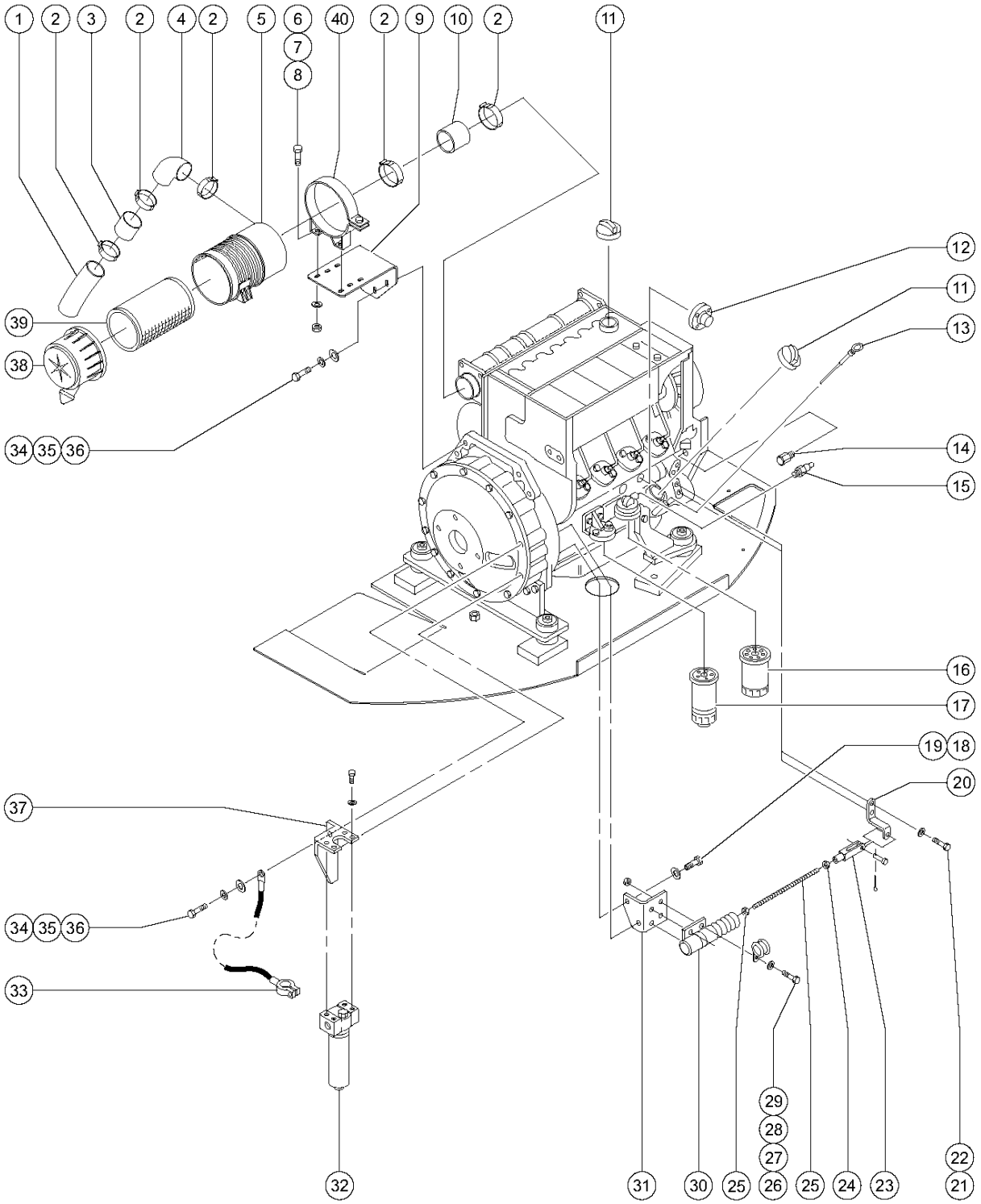
405.1 Deutz F4L 1011F Engine - View 3 (to SN 4607)



405.1 Deutz F4L 1011F Engine - View 3 (to SN 4607)

Item	Part No.	Description	Qty.
	139624GT	SWITCH, OIL PRESSURE 1.5 BAR (replaced 65765)	1
	139666GT	KIT,OP SWITCH,DEUTZ (includes 139624 and instructions)	
1	34162-1900GT	HOSE,AIR INTAKE,2.50IDX19.00" to SN 4607	1
2	45435GT	CLAMP,HOSE,2.50"	5
3	35067GT	TUBE,RD,ALUM 2.5 X .083	2 inches
4	34164GT	ELBOW,90 DEGR,RUBBER,2.5"I.D.*	1
5	63463GT	AIR CLEANER,NELSON*** plastic housing	1
5-	58415GT	CLIP,AIR CLEANER END CAP*** end cap not available separately	
5-	65810GT	BAFFLE, AIR CLEANER (27915)**	
5-	52866GT	EVACUATOR VALVE-AIR CLEANER	
6	6175GT	SCREW,HHC,3/8-16 X 1	
7	6097GT	WASHER, FLAT, USS, 3/8", Y	
8	7713GT	NUT, LP NYLOCK, 3/8-16	
9	30769PGT	BRCKET,AIR CLEANER MTG.PAINT**	1
10	30967GT	HOSE,AIR INTAKE 2.75" I.D.***	1
11	29557GT	CAP,OIL FILLER,DEUTZ,DIESEL***	2
12	49923GT	PUMP, FUEL LIFT, F4L1011F	1
13	49922GT	DIPSTICK - DEUTZ F4L1011F	1
14	T114678GT	SHUTDOWN SOLENOID,12V, DEUTZ (must order cable assembly, 58256, if replacing 32752) (includes o-ring)	1
14-	58256GT	SOLENOID CABLE ASSY***	
14-	72255GT	CONNECTOR, DEUTZ FUEL SHUTOFF* (does not include diode, 45782)	
14-	56445GT	DIODE,6 AMP 200 PIV,REEL	
15	102686GT	OIL TEMP SENSOR, DEUTZ F4L2011	1
16	49924GT	FILTER,OIL,DEUTZ Genie Genuine Part. See PN 1255653 for compatible aftermarket replacement.	1
16-	1255653GT	FILTER,OIL,DEUTZ,REPLACEMENT Genie Aftermarket Part. Compatible with Genie Genuine Part 49924.	1
17	29560GT	FILTER,FUEL/WTR SEP, DTZ 1008 Genie Genuine Part. See PN 1254826 for compatible aftermarket replacement.	1
17-	1254826GT	FUEL FILTER W/SEP,DEUTZ,1008 Genie Aftermarket Part. Filter for Deutz F3L 1011F Engine.	1

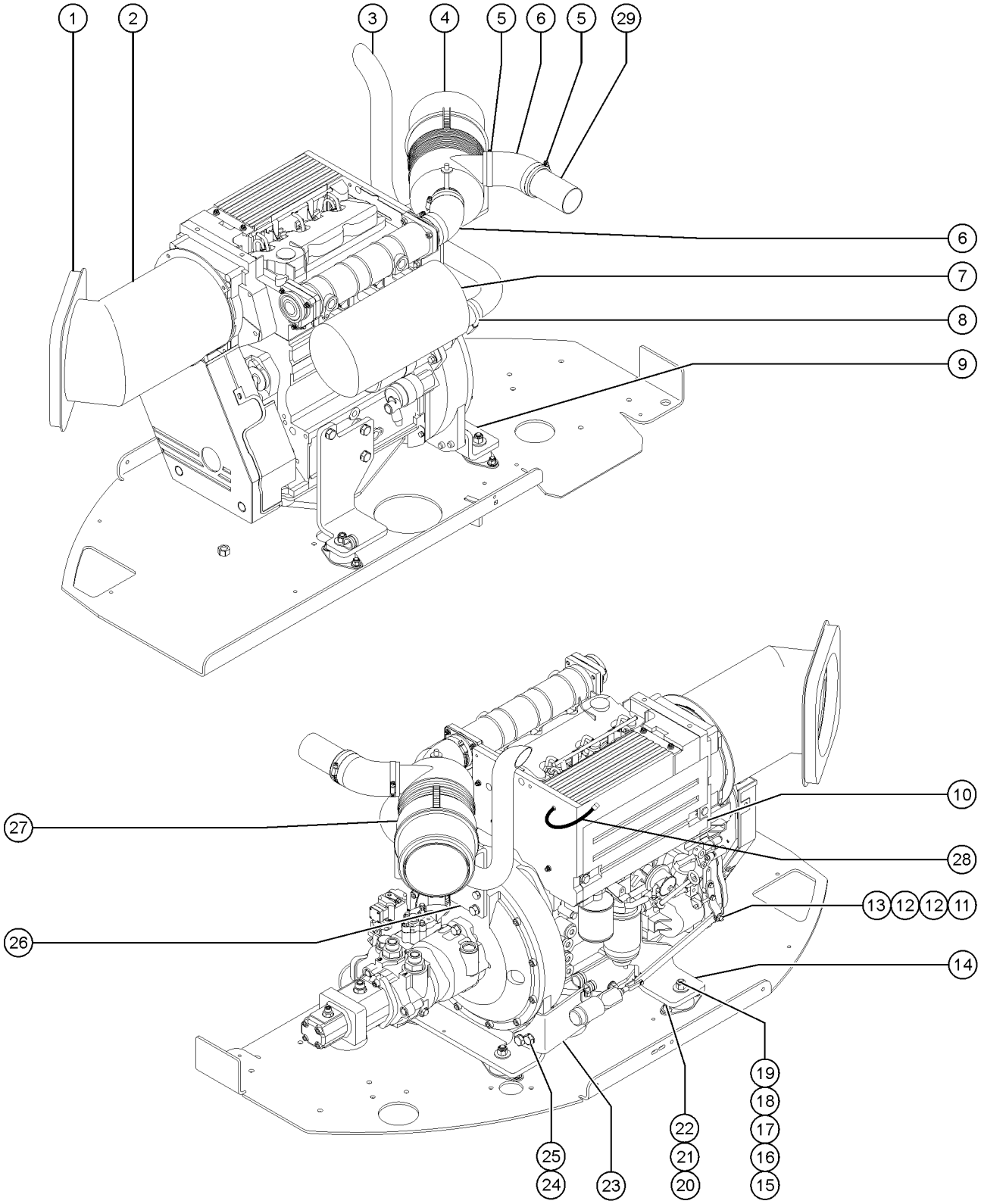
405.1 Deutz F4L 1011F Engine - View 3 (to SN 4607)



405.1 Deutz F4L 1011F Engine - View 3 (to SN 4607)

Item	Part No.	Description	Qty.
18	23057GT	SCREW,HHC,M8 X 20MM	
19	6886GT	WASHER,LOCK,.313	
20	33240PGT	BRACKET,ACTUATOR ARM MTG,PTD	1
21	22578GT	SCREW,HHC,M6 X 20MM,GR8.8	
22	6356GT	WASHER, LOCK, .25	
23	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN	
24	21496GT	NUT,HEX,1/4-28	
25	30785-1500GT	THREADED ROD,1/4-28 X 15 IN***	1
26	6888GT	SCREW, HHC, 1/4-20 X 1	
27	6638GT	WASHER, FLAT, USS, 1/4"Y	
28	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	2
29	6091GT	NUT,NYLOCK,1/4-20	
30	29073GT	SOLENOID,THROTTLE,	1
30-	52537GT	BOOT,SOLENOID,29073	
31	33241PGT	BRACKET,SOLENOID MTG,PAINTED	1
32		Ref. Medium Pressure Filter Assembly (refer to 419.1)	
33		Ref. Black Battery Cable (refer to 419.1)	
34	44064GT	SCREW,HHC,M10 X 30MM,	
35	22700GT	WASHER,LOCK,M10	
36	6097GT	WASHER, FLAT, USS, 3/8", Y	
37	30230P-SGT	FILTER MOUNT BRACKET	1
38		END CAP not available separately; included with item 5	1
39	62420GT	FILTER, AIR D2.9L4	1
40	53952GT	BRKT,AIR CLEANER ORIENTATION**	1

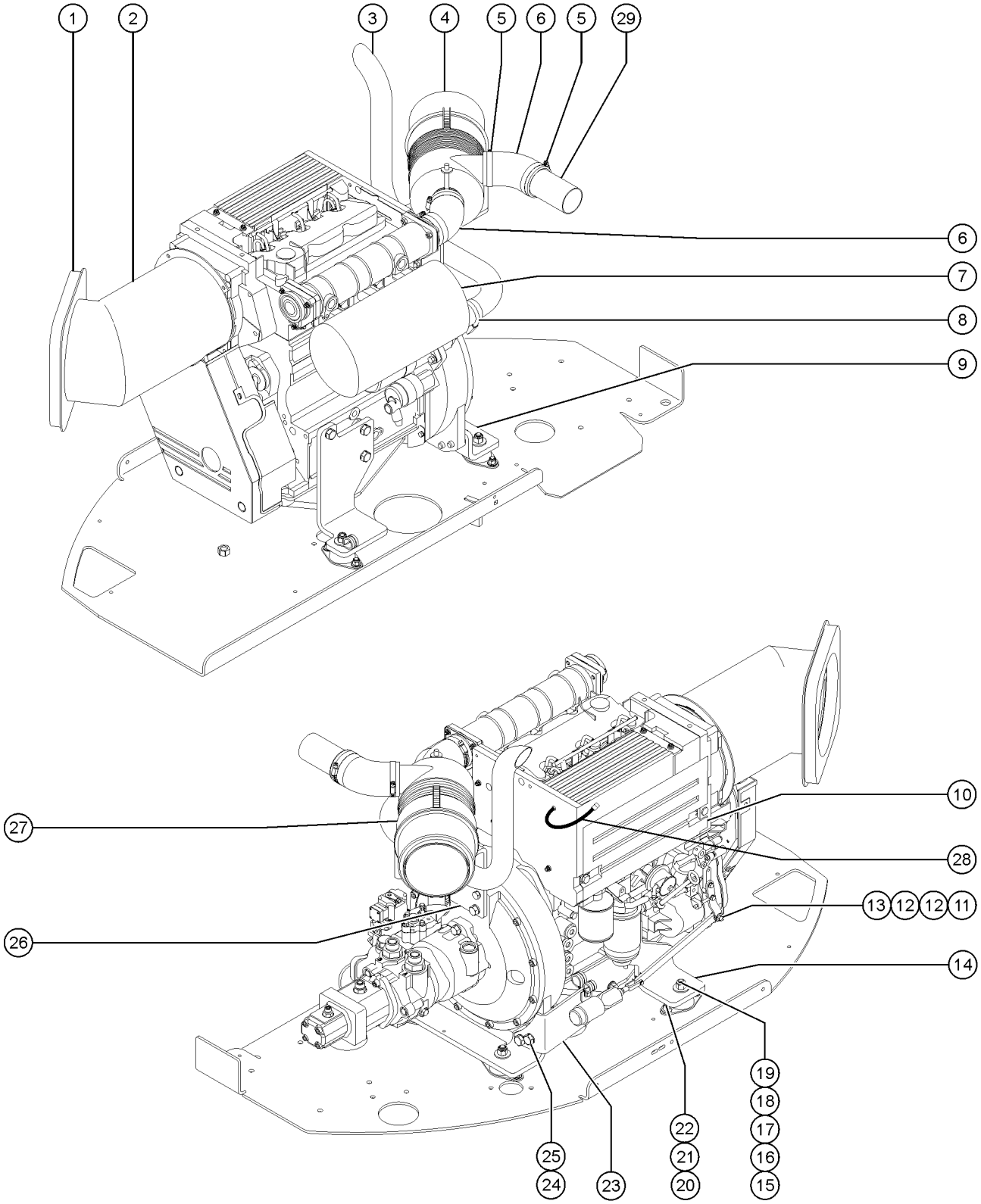
406.1 Deutz F3L 2011/D2011L03i Engine - View 1 (from SN 4608)



406.1 Deutz F3L 2011/D2011L03i Engine - View 1 (from SN 4608)

Item	Part No.	Description	Qty.
A-	89999GT	HARNESS,DEUTZ ENGINE (F3L2011) from SN 4608 to SN 5827	
B-	111672GT	HARNESS,DEUTZ ENGINE (F3L2011) from SN 5827 to SN 11903	
C-	214902GT	HARNESS,DEUTZ ENGINE (F3L2011) from SN 11904	
D-	111141GT	HARNESS, GND BOX, DIESEL,Z60 from SN 4608 to SN 9339	
E-	122710GT	HARNESS,GRND BOX,DEUTZ,Z60 from SN 9340 to SN 11903	
F-	215871GT	HARNESS,GND BOX,DEUTZ,Z60 from SN 11904	
1	89902GT	GASKET,FOAM,AIR INTAKE,DEUTZ	1
2	89895PGT	WELDMENT,AIR INTAKE,PAINT	1
3	89888GT	TAILPIPE,EXHAUST	1
4	63463GT	AIR CLEANER,NELSON*** plastic housing	1
4-	58415GT	CLIP,AIR CLEANER END CAP*** end cap not available separately	
4-	62420GT	FILTER, AIR D2.9L4	
4-	65810GT	BAFFLE, AIR CLEANER (27915)**	
4-	52866GT	EVACUATOR VALVE-AIR CLEANER	
5	30971GT	CLAMP,HOSE,3.00"	4
6	33361GT	ELBOW,45 DEGR,RUBBER,2.5"I.D.	2
7A	32695GT	MUFFLER,DEUTZ	1
7B	119117GT	MUFFLER,CAT/SPARK,DEUTZ	
7C	29559GT	GASKET,EXHAUST for 119117, 3 required	3
8	89775GT	CLAMP, MUFFLER	1
9	89903PGT	FORMING,ENGINE MOUNT DEUTZ	1
10	89776GT	COVER, ENGINE, DEUTZ F3L 2011F	1
11	6888GT	SCREW, HHC, 1/4-20 X 1	
12	6638GT	WASHER, FLAT, USS, 1/4"Y	
13	6889GT	NUT,LP NYLOCK,1/4-20	
14	89889PGT	FORMING,ENGINE MOUNT OUT PAINT	1
15	6198GT	NUT, NYLOCK, 1/2-13	
16	39479GT	SCREW,HHC,1/2-13 X 2.75	

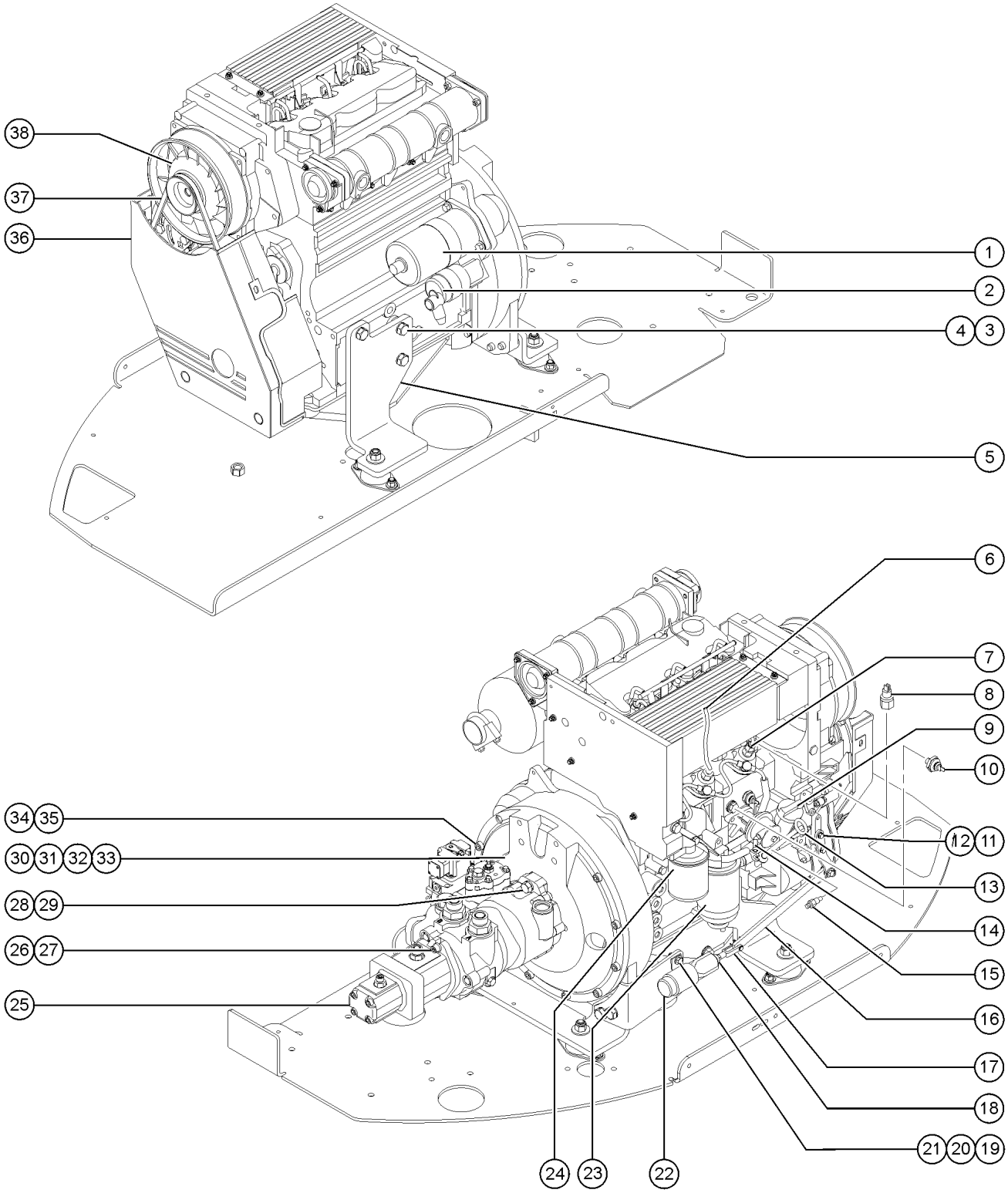
406.1 Deutz F3L 2011/D2011L03i Engine - View 1 (from SN 4608)



406.1 Deutz F3L 2011/D2011L03i Engine - View 1 (from SN 4608)

Item	Part No.	Description	Qty.
17	70452GT	ISOLATOR,ENGINE VIBRATION	4
18	80150GT	WASHER-FLAT, 1/2" (80056)	
19	102066PGT	CASTING,WASHER,REBOUND,PAINTED	
20	4828GT	NUT, NYLOCK, 3/8-16	
21	6175GT	SCREW,HHC,3/8-16 X 1	
22	5397GT	WASHER, FLAT, USS, 5/16-18	
23	102180GT	BRACKET,SOLENOID MOUNT	1
24	89259GT	SCREW HHC, M14x50	
25	37505GT	WASHER,LOCK,M14	
26	89893PGT	FORMING,AIR CLEANER MOUNT,PNTD	1
27	53952GT	BRKT,AIR CLEANER ORIENTATION**	1
28	147525GT	FITTING,BARBED,STRT,FUEL LINE	
28-	147526GT	FITTING,BARBED,TEE,FUEL LINE	
29	35067GT	TUBE,RD,ALUM 2.5 X .083	5 inches

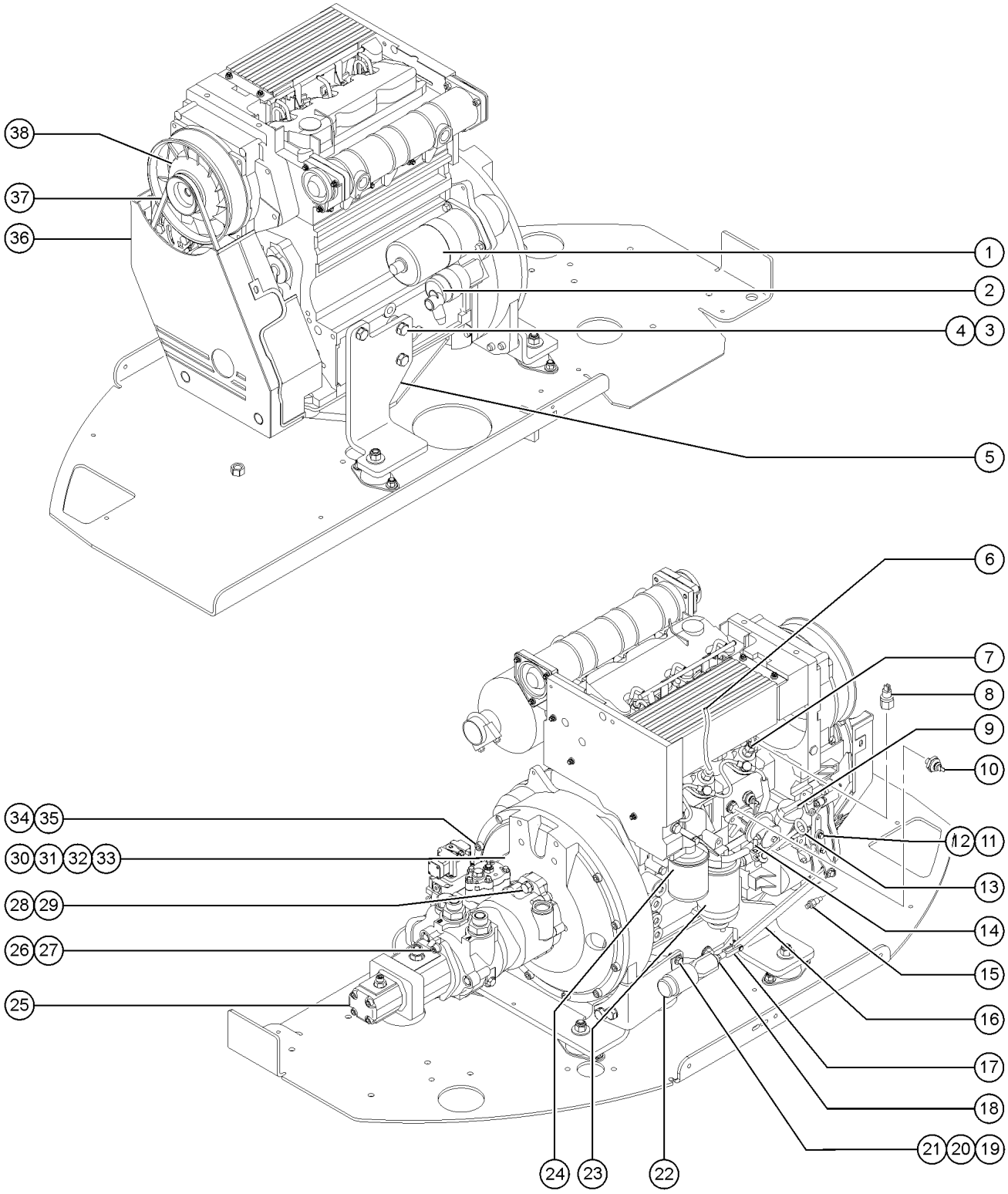
407.1 Deutz F3L 2011/D2011L03i engine - View 2 (from SN 4608)



407.1 Deutz F3L 2011/D2011L03i engine - View 2 (from SN 4608)

Item	Part No.	Description	Qty.
A-	139622GT	HEAT SHIELD,DEUTZ STARTER	
B-	48884GT	FITTING, M18 X 8, 52MO187	
C-	94464-1986GT	ASSY, HOSE, HYD, -12, 300, STR, 90LNG	
D-	53538GT	PLUG,520109-8,ORFS	
E-	70496GT	STRAINER,FUEL 40 MICRON from SN 4608 to 6229	
F-	119344GT	KIT,PRIMER BULB from SN 4608 to 6229	
G-	139624GT	SWITCH, OIL PRESSURE 1.5 BAR (replaced 65765)	1
H-	139666GT	KIT,OP SWITCH,DEUTZ (inludes 139624 and instructions)	
1	139709GT	STARTER, 12V	1
1-	139621GT	KIT, HEAT GUARD, DEUTZ STARTER	
1-	139622GT	HEAT SHIELD,DEUTZ STARTER from SN 10022	
2	49915GT	SOLENOID-STARTR DEUTZF4L1011F*	1
3	22558GT	SCREW,HHC,M14 X 40MM,GR 8.8	
4	37505GT	WASHER,LOCK,M14	
5	89890PGT	FORMING,ENGINE MOUNT,INBOA PNT	1
6	89780GT	FUEL LINE, DEUTZ F3L 2011F,1 METER LG	3
7	52352GT	DIPSTICK-F3L1011F (DEUTZ) verify letter code (A, B, C or D) before ordering	3
7-	89792GT	INJECTOR, FUEL(DEUTZ F3L2011F)	
7-	1288561GT	O-RING,FUEL INJECTOR,DEUTZ (89792) for 89792	
8	111445GT	SENDING UNIT,OIL TEMP SWCH,DTZ	1
9	29557GT	CAP,OIL FILLER,DEUTZ,DIESEL***	1
10	139624GT	SWITCH, OIL PRESSURE 1.5 BAR	1
11	22578GT	SCREW,HHC,M6 X 20MM,GR8.8	
12	6356GT	WASHER, LOCK, .25	
13	52352GT	DIPSTICK-F3L1011F (DEUTZ) to SN 7384	1
13-	147243GT	DIPSTICK, OIL, D2011 from SN 7385	
14	111668GT	PUMP,FUEL 2011 DEUTZ ***	
14-	111402GT	O-RING, FUEL LIFT PUMP	

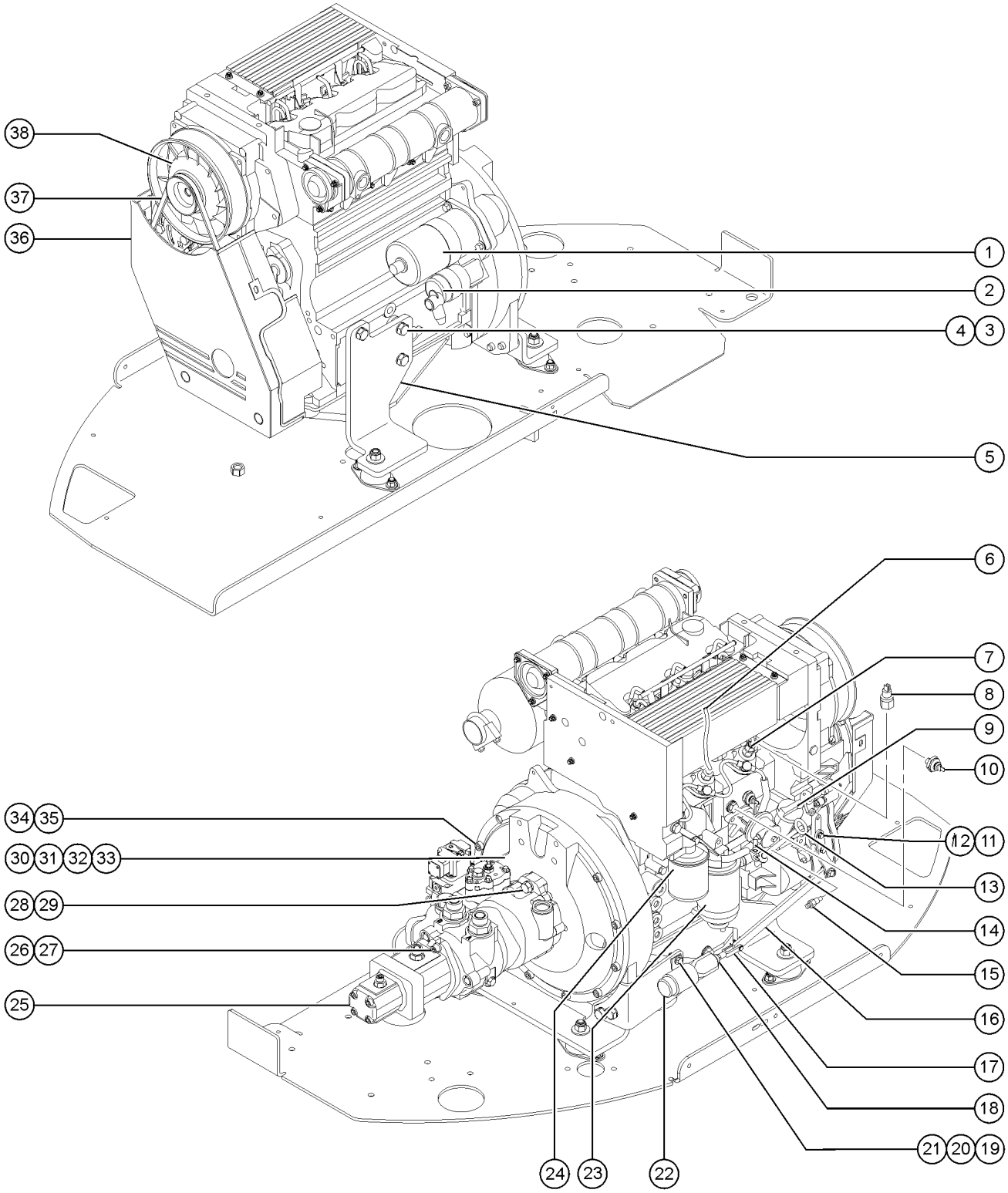
407.1 Deutz F3L 2011/D2011L03i engine - View 2 (from SN 4608)



407.1 Deutz F3L 2011/D2011L03i engine - View 2 (from SN 4608)

Item	Part No.	Description	Qty.
15	T114678GT	SHUTDOWN SOLENOID,12V, DEUTZ (must order cable assembly, 58256, if replacing 32752) (includes o-ring)	1
15-	58256GT	SOLENOID CABLE ASSY***	
15-	72255GT	CONNECTOR, DEUTZ FUEL SHUTOFF* (does not include diode, 45782)	
15-	56445GT	DIODE,6 AMP 200 PIV,REEL	
16	94485GT	THROTTLE LINKAGE,DIESEL***	1
17	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN	1
18	21496GT	NUT,HEX,1/4-28	
19	6888GT	SCREW, HHC, 1/4-20 X 1	
20	6638GT	WASHER, FLAT, USS, 1/4"Y	
21	6095GT	WASHER,FLAT,USS,1/2",Y	
22	77402GT	SOLENOID,THROTTLE ACTUATOR DSL	1
23	29560GT	FILTER,FUEL/WTR SEP, DTZ 1008 Genie Genuine Part. See PN 1254826 for compatible aftermarket replacement.	1
23-	1254826GT	FUEL FILTER W/SEP,DEUTZ,1008 Genie Aftermarket Part. Filter for Deutz F3L 1011F Engine.	1
24	49924GT	FILTER,OIL,DEUTZ Genie Genuine Part. See PN 1255653 for compatible aftermarket replacement.	1
24-	1255653GT	FILTER,OIL,DEUTZ,REPLACEMENT Genie Aftermarket Part. Compatible with Genie Genuine Part 49924.	1
25		Ref. Function Pump REFER TO 706.1	
25-		Ref. Drive Pump REFER TO 706.1	
26	6175GT	SCREW,HHC,3/8-16 X 1	
27	6021GT	WASHER, LOCK, .375	
28	6096GT	SCREW,HHC,1/2-13 X 2 GR5	
29	6033GT	WASHER,LOCK,0.5"	
30	70381GT	COVER,FLYWHEEL CASTING	1
31	37003GT	COUPLER,HUB,15 TOOTH 7/16BOLT* to SN 7924	1
32	33024GT	FLYWHEEL FLANGE,GREEN PLASTIC to SN 7924	1
32-	128004GT	COUPLER,15 TOOTH,FBA,SAE8*** from SN 7925	
32-	128023GT	KIT,FBA STYLE COUPLER,SAE8 from SN 7925	
32-	62476GT	SCREW,SHC,M10X1.5X20MM (75090) use for part 128004	
32-	44064GT	SCREW,HHC,M10 X 30MM,	

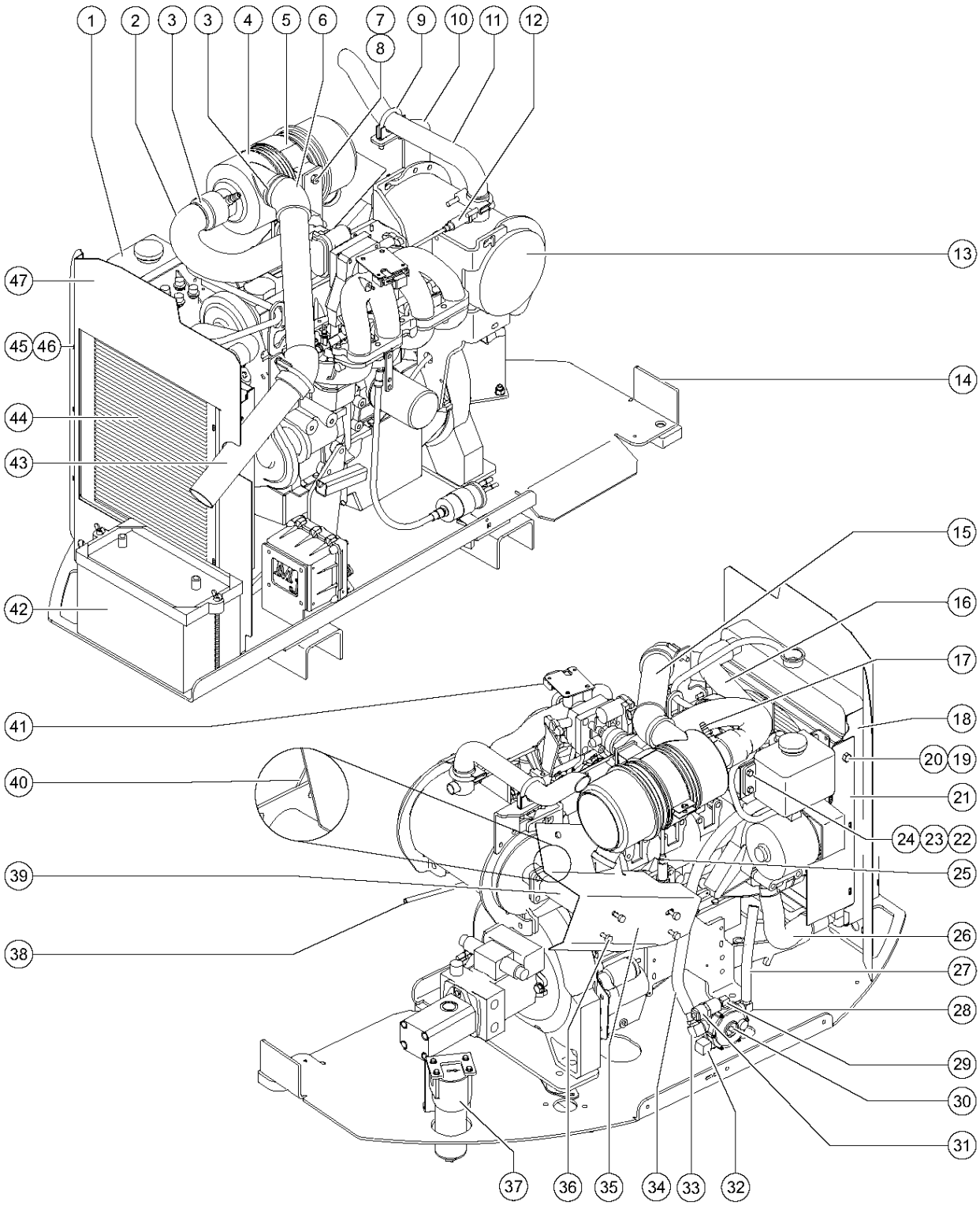
407.1 Deutz F3L 2011/D2011L03i engine - View 2 (from SN 4608)



407.1 Deutz F3L 2011/D2011L03i engine - View 2 (from SN 4608)

Item	Part No.	Description	Qty.
32-	22700GT	WASHER,LOCK,M10	
33	89785GT	RING GEAR,DEUTZ F3L2011F (please verify ring gear thickness) 0.60 inches	1
33-	49917GT	RING GEAR,DEUTZ F3 & F4L1011F* (please verify ring gear thickness) 0.46 inches	
33-	33729GT	RING GEAR,DEUTZ F3 & F4L1011* (please verify ring gear thickness) 0.365 inches	
34	61110GT	SCREW,SHC,M10X1.5X30 GR 12.9	
35	22700GT	WASHER,LOCK,M10	
36	89786GT	COVER, PULLEY (DEUTZ F3L 2011)	1
36-	89787GT	SCREW,M8X20-8.8	
36-	89788GT	WASHER,9MM I.D.	
37	32698GT	BELT	1
38	35586GT	ALTERNATOR, DEUTZ F3L10/F4L10*	1

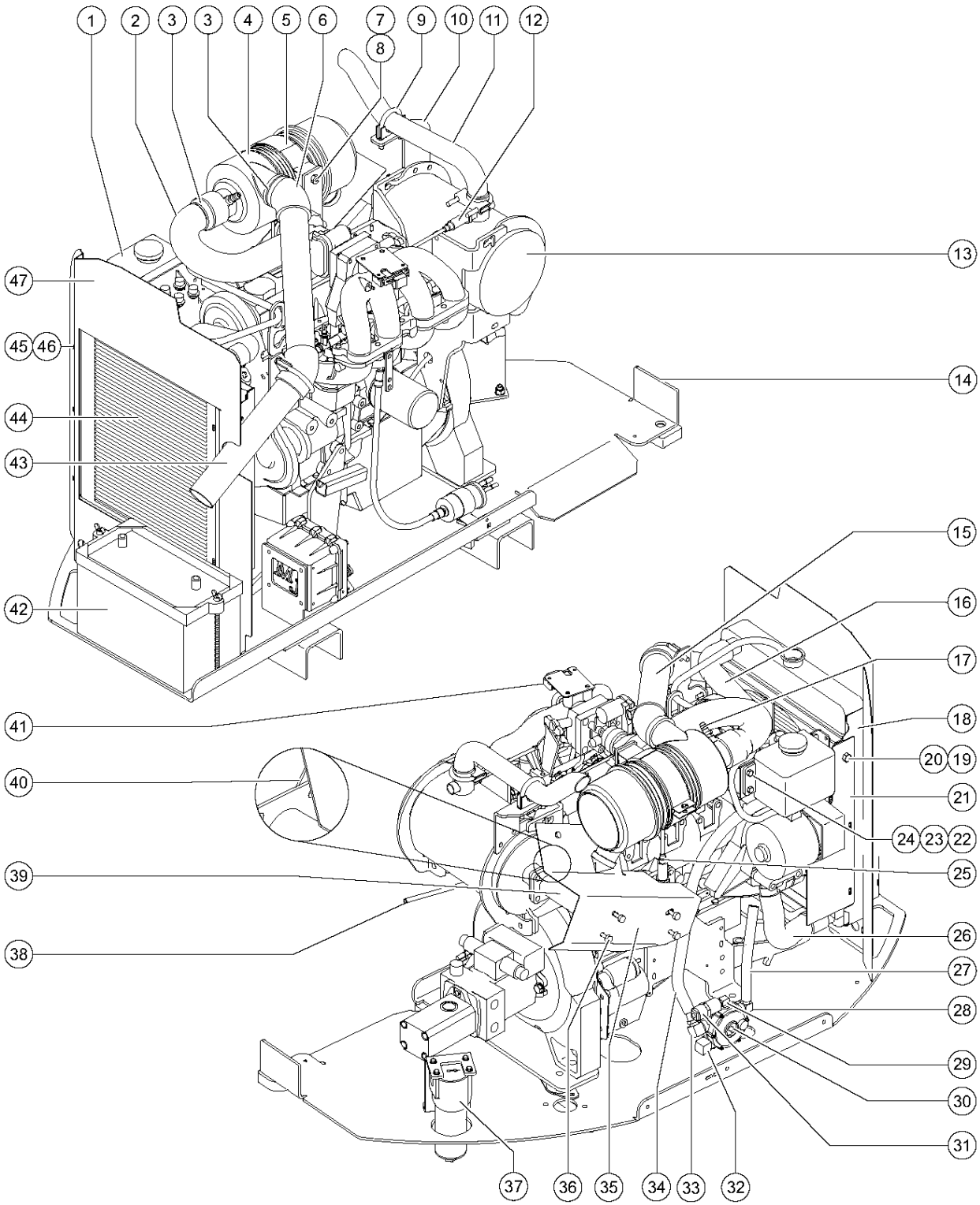
408.1 Ford LRG-425 EFL Engine - View 1 (to SN 6315)



408.1 Ford LRG-425 EFL Engine - View 1 (to SN 6315)

Item	Part No.	Description	Qty.
A-		ENGINE,FORD LRG 425,EFIZ45 (remanufactured long block only, does not include starter, alternator, radiator or fuel system)	
B-	102107GT	HARNESS,FORD EFI 2004	
C-	57767GT	SCRUBBER,EXHAUST,FORD,EFI	
D-	27412GT	PIVOT STOP BRACKET,AWP2 30/36	
E-	35817GT	STUD,EXHAUST MANIFOLD-FORD,LRG	
F-	35818GT	NUT,EXHAUST MANIFOLD-FORD,LRG	
1	1279268GT	BOTTLE, COOLANT RECOVERY, 2QT	1
1-	72327GT	CAP, COOLANT RET SYS(54071)	
1-	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	
2	88847GT	HOSE,AIR CLEANER TO INTAKE	1
3	45435GT	CLAMP,HOSE,2.50"	3
4	111634GT	AIR CLEANER,FORD,T3	1
4-	38922GT	ELBOW,90DEG.1/8MPT-5/16 BARB	
4-	227988GT	VACUATOR VALVE	
4-	77295GT	FILTER ELEMENT,AIR,NOLFF LPG	
4-	58247GT	AIR CLEANER CAP/ FORD/NOLFF***	
4-	1277991GT	CLIP,AIR CLEANER COVER (58247) for 58247	
5	53952GT	BRKT,AIR CLEANER ORIENTATION**	1
6	33361GT	ELBOW,45 DEGR,RUBBER,2.5"I.D.	2
7	6782GT	NUT, NYLOCK, 5/16-18	
8	10107GT	SCREW,HHC,5/16-18 X .75	
9	102121GT	CLAMP,MUFFLER,1-7/8 IN.	2
10	102109PGT	FORMING,MUFFLER SUPPORT,PNTD.	1
11	102009GT	TAILPIPE,FORD LRG 425, S40/S45	1
12	106486GT	SENSOR,AIR,CAT MONITOR***	1
13	106178GT	WELDMENT,MUFFLER,FORD TIER2	1
13-	55030GT	MUFFLER,PURIS40,S&Z60,S80 FORD	
14		Ref. Engine Tray (refer to 415.1)	

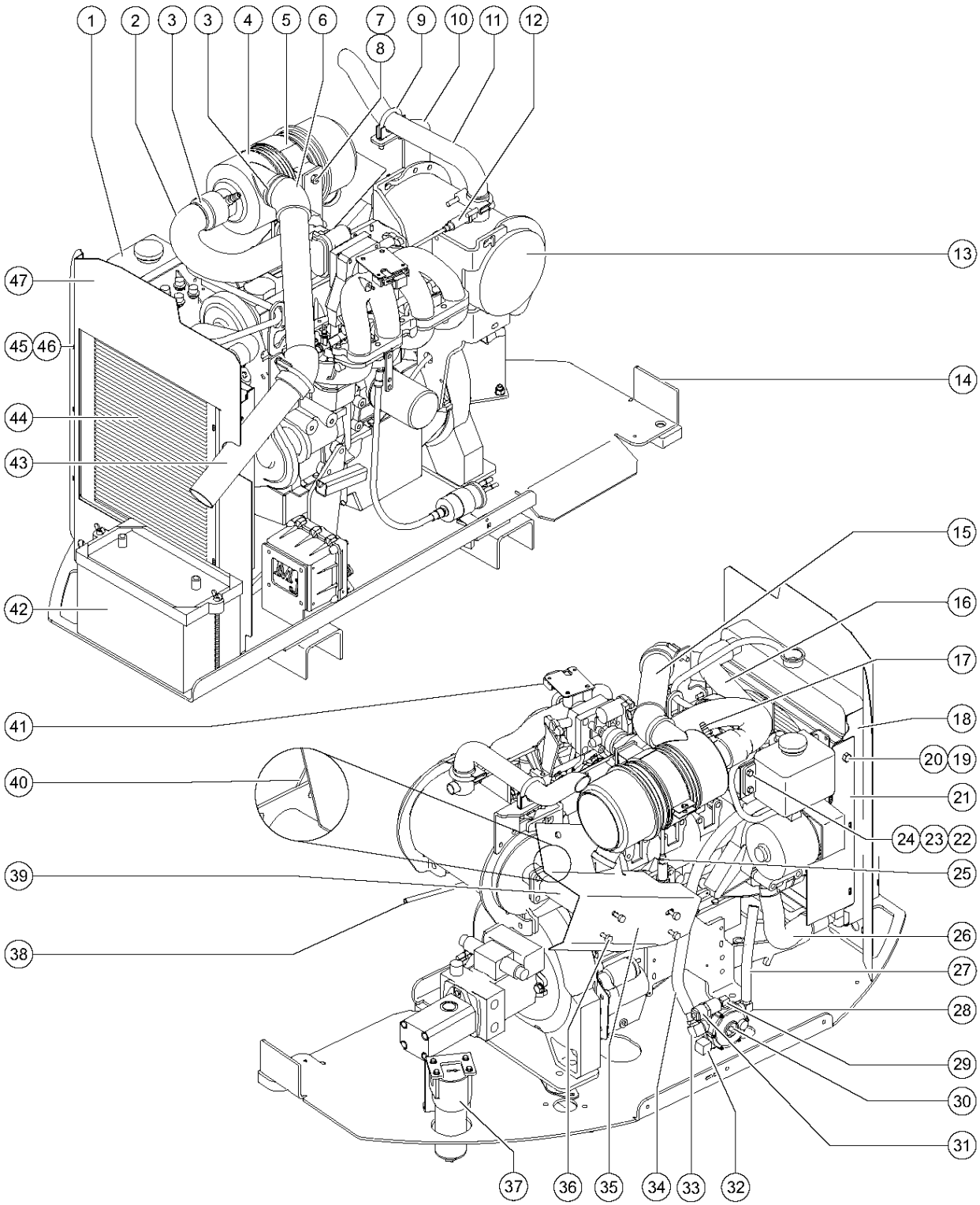
408.1 Ford LRG-425 EFL Engine - View 1 (to SN 6315)



408.1 Ford LRG-425 EFL Engine - View 1 (to SN 6315)

Item	Part No.	Description	Qty.
15	102104GT	TUBE,INTAKE,2.50 OD X 15.63"	1
16	54862GT	HOSE,UPPER RADIATOR,Z45	1
17	102977GT	HOSE FITITNG,BRASS,AIR CLEANER	1
18	54598PGT	SHROUD,RADIATOR,FORD LGR425,PA	1
19	21019GT	SCREW,PHIL,PHM,10-24 X.5,SEMS	
20	6146GT	WASHER,FLAT,MS,#10,Y	
21	102010PGT	FORMING,FAN GUARD,FORD,PAINTED	1
22	6090GT	SCREW, HHC, 1/4-20 X .75	
23	6638GT	WASHER, FLAT, USS, 1/4"Y	
24	6091GT	NUT,NYLOCK,1/4-20	
25	88450GT	SENSOR,OXYGEN LRG425EFI	1
26	77170GT	HOSE,LOWER RADIATOR,Z45	1
26-	13014GT	CLAMP,HOSE,2.25" DIA.	
27	1702GT	HOSE-HEATER,5/8 ID-BLACK	
28	102074GT	ELBOW,90DEG, .63 HS X.375 MPT	1
29	19363GT	ELBOW,130239-4-4	1
30	70525GT	REGULATOR,LPG	1
31	88757GT	VALVE,LP LOCKOUT W/CONN***	1
31-	19358GT	CONNECTOR,010102-6-4	
32	102072GT	FITTING, STR 1/2 NPT X 3/4 HS	1
33	102073GT	ELBOW,90 DEG,3/8NPT X 1/2 FNPT	1
34	823702GT	HOSE,3/4" COOLANT,44.00"LG	1
35	102118GT	FORMING,HEAT SHIELD,FORD	1
36	32064GT	CLAMP,MUFFLER,1.75 INCH	2
37		FILTER ASY,M PRESS,SAE8,WOIND* (77139) component no longer available	1
37-	60857GT	FILTER,ELEMENT,BETA(5)=1000 for 77139	
37A	1267807GT	ASSEMBLY, MED. PRESS. FILTER, SAE8	
37A-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS for 1267807	

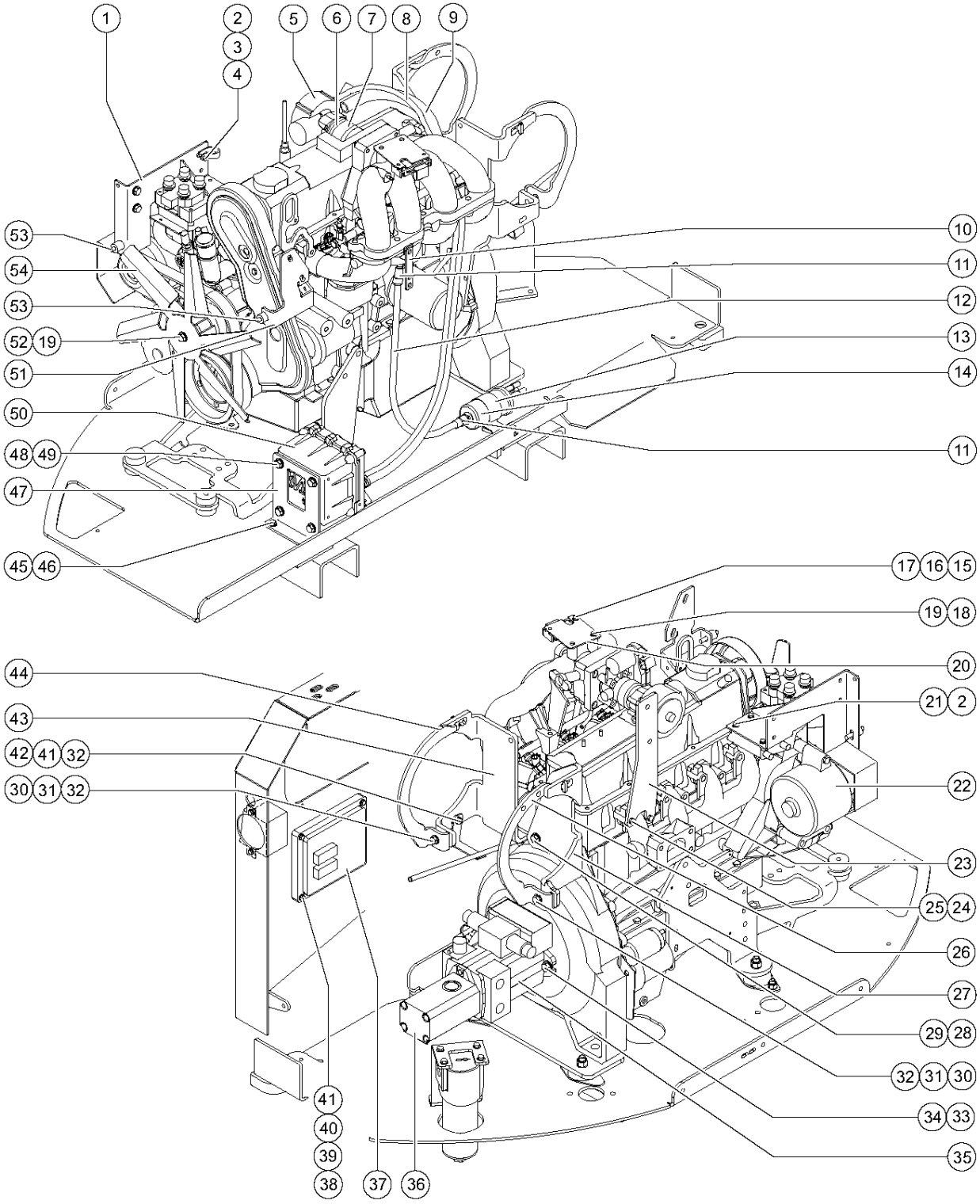
408.1 Ford LRG-425 EFL Engine - View 1 (to SN 6315)



408.1 Ford LRG-425 EFL Engine - View 1 (to SN 6315)

Item	Part No.	Description	Qty.
38	70419GT	DIP STICK TUBE,FORD GAS	1
38-	52566GT	DIPSTICK, OIL LEVEL,LRG425 EFI	
39	89973GT	EXHAUST PIPE ASSEMBLY, FORD	1
39-	102134GT	GASKET,EXHAUST FORD TIER II	
39-	72343GT	GASKET,EXH FLANGE-FORD/PERKINS	
40	102779PGT	FORMING,HEAT SHLD SUPPORT,PTD	1
40-	8255GT	SCREW,HHC,3/8-16 X .75	
40-	6021GT	WASHER, LOCK, .375	
40-	4828GT	NUT, NYLOCK, 3/8-16	
41	49898GT	MAP SENSOR, EFI	1
42		Ref. Battery (refer to 415.1)	
43	102103GT	TUBE,INTAKE,2.50 OD X 13"	1
44	110304GT	RADIATOR,FORD/PERKINS***	1
44-	65473GT	CAP,RADIATOR,PERKINS/FORD	
45	8255GT	SCREW,HHC,3/8-16 X .75	
46	6021GT	WASHER, LOCK, .375	
47	102350PGT	FORMING,RAD.SHROUD,FORDZ60,PTD	1

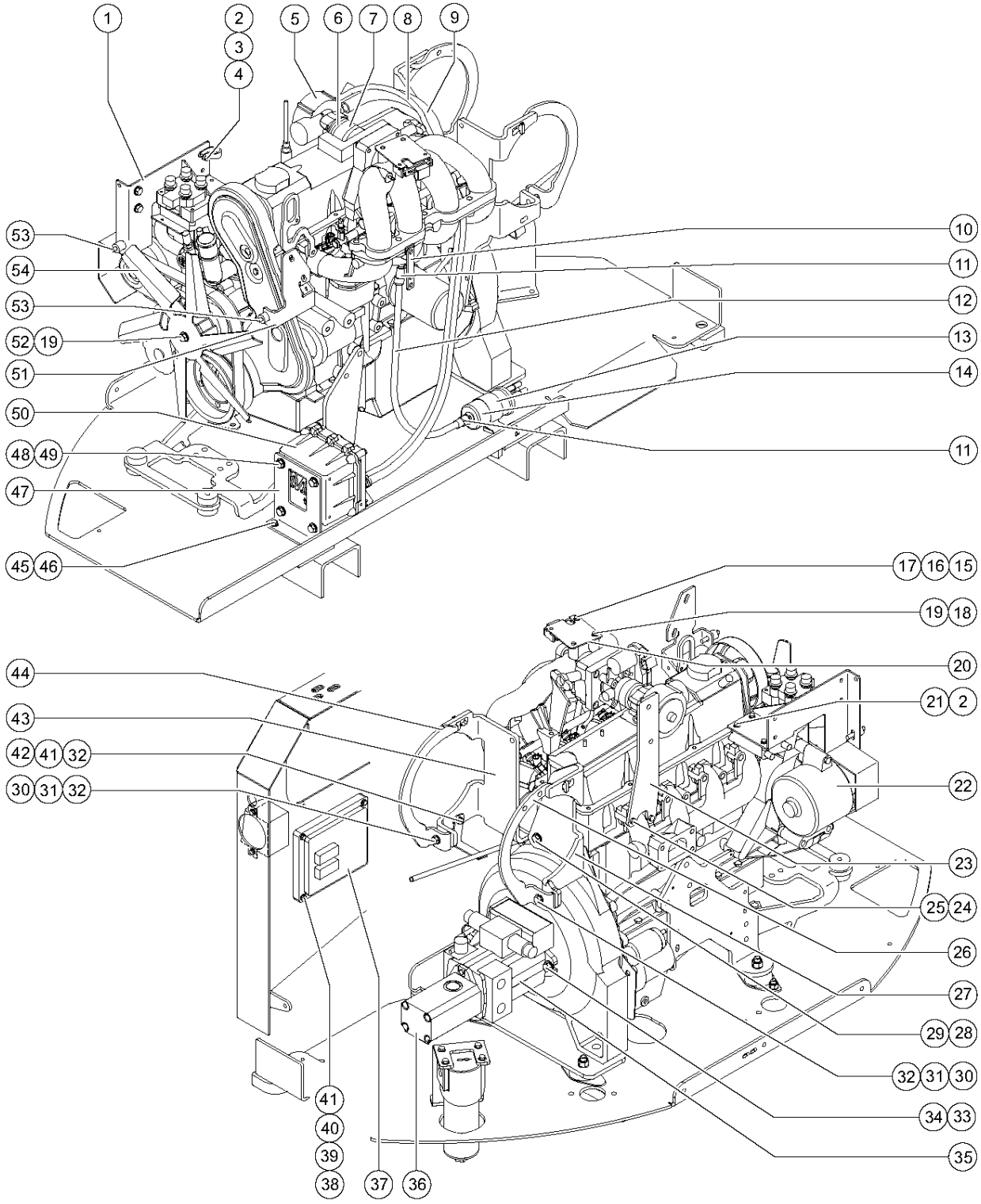
409.1 Ford LRG-425 EFL Engine - View 2 (to SN 6315)



409.1 Ford LRG-425 EFL Engine - View 2 (to SN 6315)

Item	Part No.	Description	Qty.
	65770GT	BELT,TIMING,FORD LRG423/425EFI	
1	89921GT	WELDMENT,COOLANT BOTTLE MOUNT	1
2	67537GT	SCREW,HHC,M5 X 12MM	
3	49413GT	WASHER,FLAT, M5 YELLOW ZINC	
4	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	1
5	106485GT	MIXER,AIR VALVE,TIER II FORD**	1
6	35434GT	CLAMP,HOSE,2.00***	2
7	102117GT	HOSE,2.0 ID X 2.0" LG	1
8	102128GT	HOSE,VAC 3/16 FORD TIER II	1
9	102119GT	HOSE,3/4,LP from regulator to mixer	8
10	102065PGT	BAR,HARNESS CONNECTOR MOUNT	1
11	65892GT	CONN. ASSY,7.9 TUBE X6.35 HOSE	1
12	71909GT	HOSE,FUEL,5/16 HIGH PRESSURE**	1
13	65453GT	BRACKET-FUEL FILTER (52567)	1
14	58967GT	FUEL PRESSURE REG,425EFI***	1
15	49817GT	SCREW,PHILLIPS,PHM,10-32 X1.25	
16	6146GT	WASHER,FLAT,MS,#10,Y	
17	6178GT	NUT, NYLOCK, 10-32	
18	23057GT	SCREW,HHC,M8 X 20MM	
19	49408GT	WASHER, LOCK, M8	
20	53821PGT	BRACKET,MAP SENSOR,PAINTED	1
21	49407GT	WASHER,LOCK,M6	
22	33960GT	ALTERNATOR,LRG-423 RE-BUILT*	1
23	89917PGT	PLATE,AIR FILTER MOUNT,FORD	1
24	10107GT	SCREW,HHC,5/16-18 X .75	
25	6782GT	NUT, NYLOCK, 5/16-18	
26	106271PGT	CLAMP,FORD MUFFLER,PAINTED	1
27	101126PGT	FORMING,RH MUFFLER SUP PAINTED	1

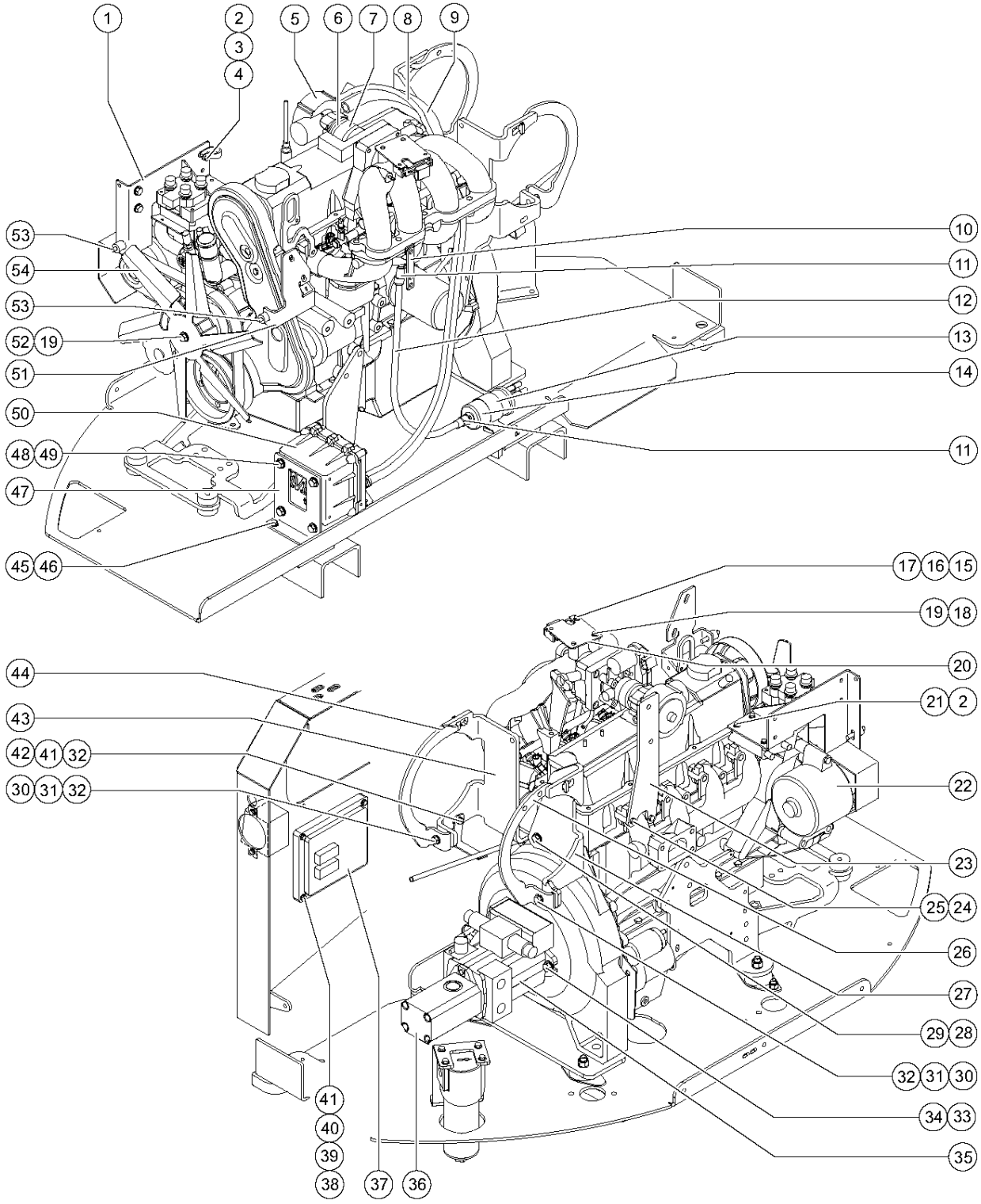
409.1 Ford LRG-425 EFL Engine - View 2 (to SN 6315)



409.1 Ford LRG-425 EFL Engine - View 2 (to SN 6315)

Item	Part No.	Description	Qty.
28	25548GT	SCREW,HHC,M10 X 40MM,GRD8	
29	22700GT	WASHER,LOCK,M10	
30	14033GT	SCREW, HHC, 3/8-16 X 2.75	
31	6097GT	WASHER, FLAT, USS, 3/8", Y	
32	4828GT	NUT, NYLOCK, 3/8-16	
33	6021GT	WASHER, LOCK, .375	
34	6175GT	SCREW,HHC,3/8-16 X 1	
35		Ref. Drive Pump (refer to 706.1)	
36		Ref. Function Pump (refer to 706.1)	
37		ENGINE PERFORMANCE MODULE T2** (no longer available)	1
37-		HARNESS,ENGINE W/RELAY BOX T2 no longer available	
37-	128903GT	JUMPER,THROTTLE BODY,FORD 2.5L	
38	6145GT	SCREW, HHC, 1/4-20 X 1.5	
39	6356GT	WASHER, LOCK, .25	
40	6090GT	SCREW, HHC, 1/4-20 X .75	
41	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
42	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
43	101127PGT	FORMING,LH MUFFLER SUPPORT PNT	1
44	101128PGT	FORMING,MUFFLER CLAMP, PAINTED	1
45	6888GT	SCREW, HHC, 1/4-20 X 1	
46	6091GT	NUT,NYLOCK,1/4-20	
47	102068PGT	FORMING,MEGAJECTOR MOUNT,PNTD	1
48	49375GT	SCREW,HHC,M6 X 16	
49	49407GT	WASHER,LOCK,M6	
50	70527GT	MEGAJECTOR,FUEL KIT	1
50-	106491GT	HARNESS,JUMPER,MEGAJECTOR	
51	102013PGT	FORMING,RADIATOR SUPPORT,LH	1
52	75185GT	SCREW,HHC,M8X1.25X 70MM,GR8.8	

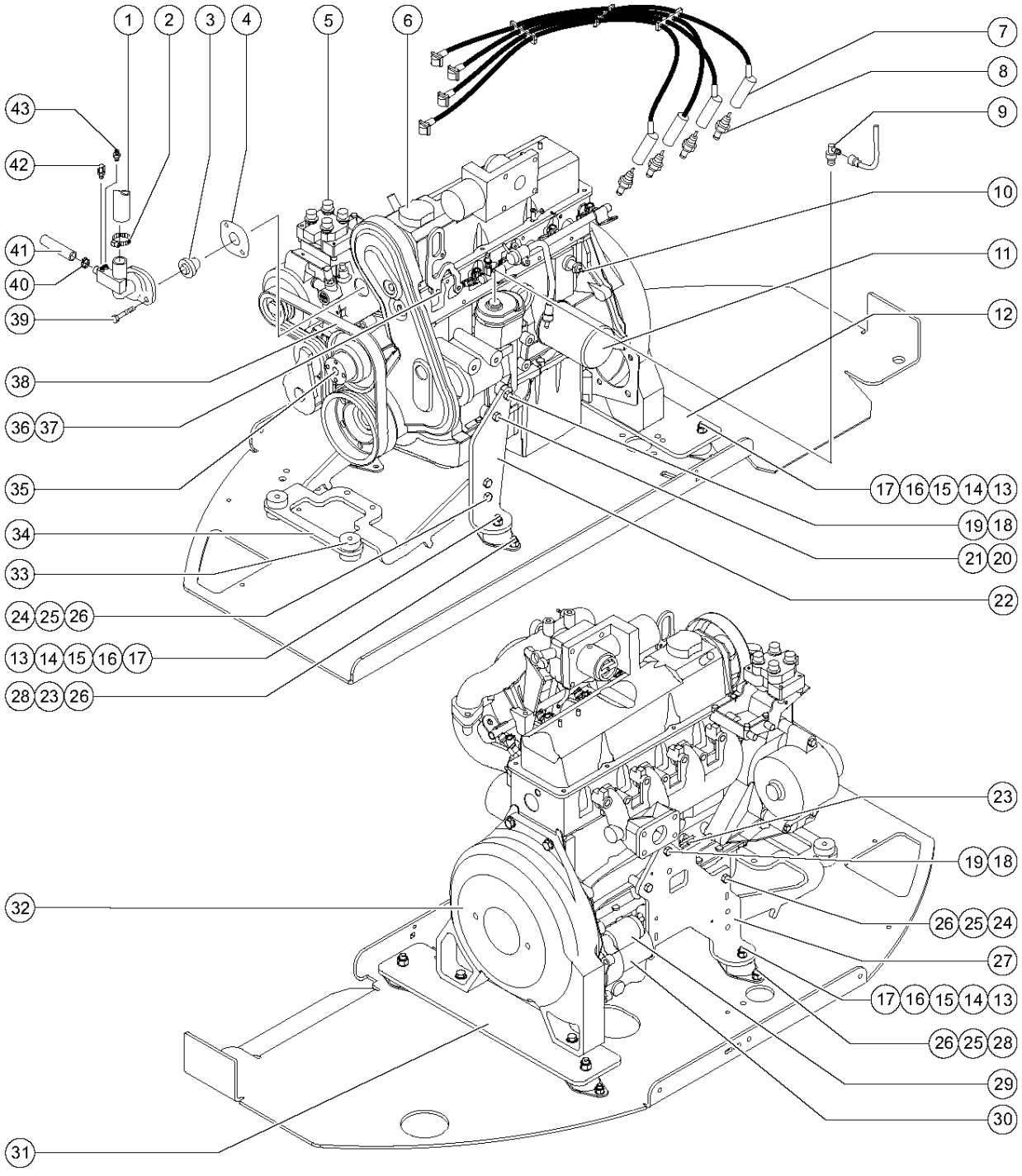
409.1 Ford LRG-425 EFL Engine - View 2 (to SN 6315)



409.1 Ford LRG-425 EFL Engine - View 2 (to SN 6315)

Item	*Part No.*	*Description*	*Qty.*
53	219437GT	ISOLATOR,VIBRATION	2
54		FAN, LSG423/LRG425 (52076) component no longer available	1
54-	70489GT	SPACER,FAN TO WATERPUMP LRG425	

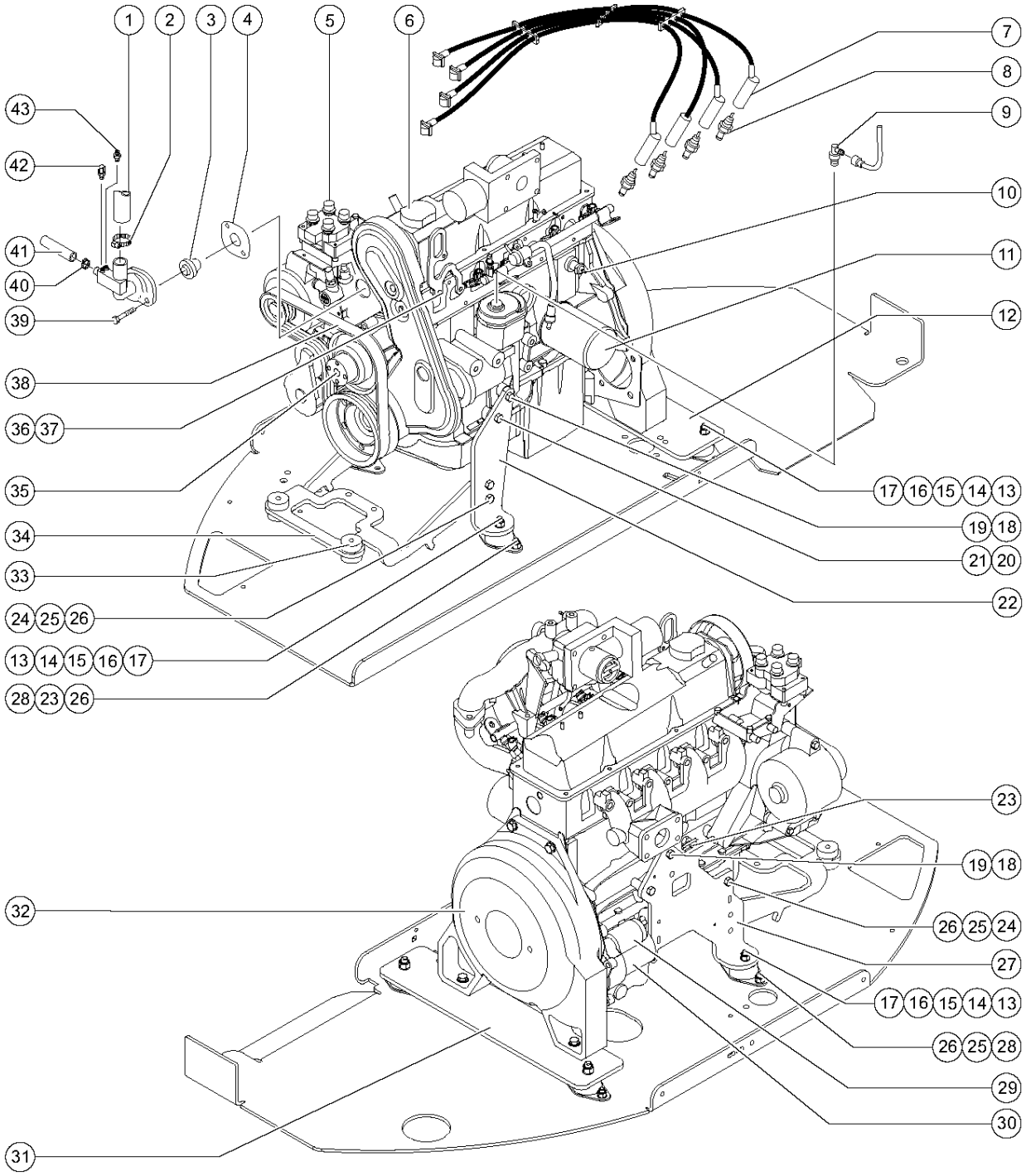
410.1 Ford LRG-425 EFI Engine - View 3 (to SN 6315)



410.1 Ford LRG-425 EFI Engine - View 3 (to SN 6315)

Item	Part No.	Description	Qty.
1		Ref. HOSE, UPPER RADIATOR refer to 408.1	1
2	22672GT	CLAMP,HOSE,1.75	1
3	33966GT	THERMOSTAT, FORD LRG	1
4	52575GT	GASKET,THERM.HSNG O-RING	1
5	33970GT	COIL, ELECTRONIC IGN., FORD	1
6	49881GT	OIL FILLER CAP FOR LRG ENGINE	1
7	52570GT	SPARK PLUG WIRE SET, LRG425EFI	1
8	106490GT	SPARK PLUG, FORD LRG425	4
9	33957GT	VALVE,PCV-FORD LRG***	1
10	89812GT	SWITCH,OIL PRESSURE ASSY	1
11	28656GT	FILTER,OIL,FORD Genie genuine part	1
11-	1259054GT	FILTER, OIL, FORD Genie aftermarket	
12	70423PGT	REAR ENGINE MOUNT,PAINTED	1
13	6198GT	NUT, NYLOCK, 1/2-13	
14	70452GT	ISOLATOR,ENGINE VIBRATION	4
15	102066PGT	CASTING,WASHER,REBOUND,PAINTED	
16	6095GT	WASHER,FLAT,USS,1/2",Y	
17	39479GT	SCREW,HHC,1/2-13 X 2.75	
18	44064GT	SCREW,HHC,M10 X 30MM,	
19	22700GT	WASHER,LOCK,M10	
20	25929GT	SCREW,HHC,M8 X 30MM,GRD 8.8	
21	49408GT	WASHER, LOCK, M8	
22	101118PGT	ENGINE MOUNT FOOT,LH PNTD	1
23	28717GT	VALVE,DRAIN,FORD,BLOCK,RAD.	1
24	8516GT	SCREW, HCC, 3/8-16 X 1.50	
25	6097GT	WASHER, FLAT, USS, 3/8", Y	
26	4828GT	NUT, NYLOCK, 3/8-16	
27	101119PGT	ENGINE MOUNT FOOT,RH PNTD	1

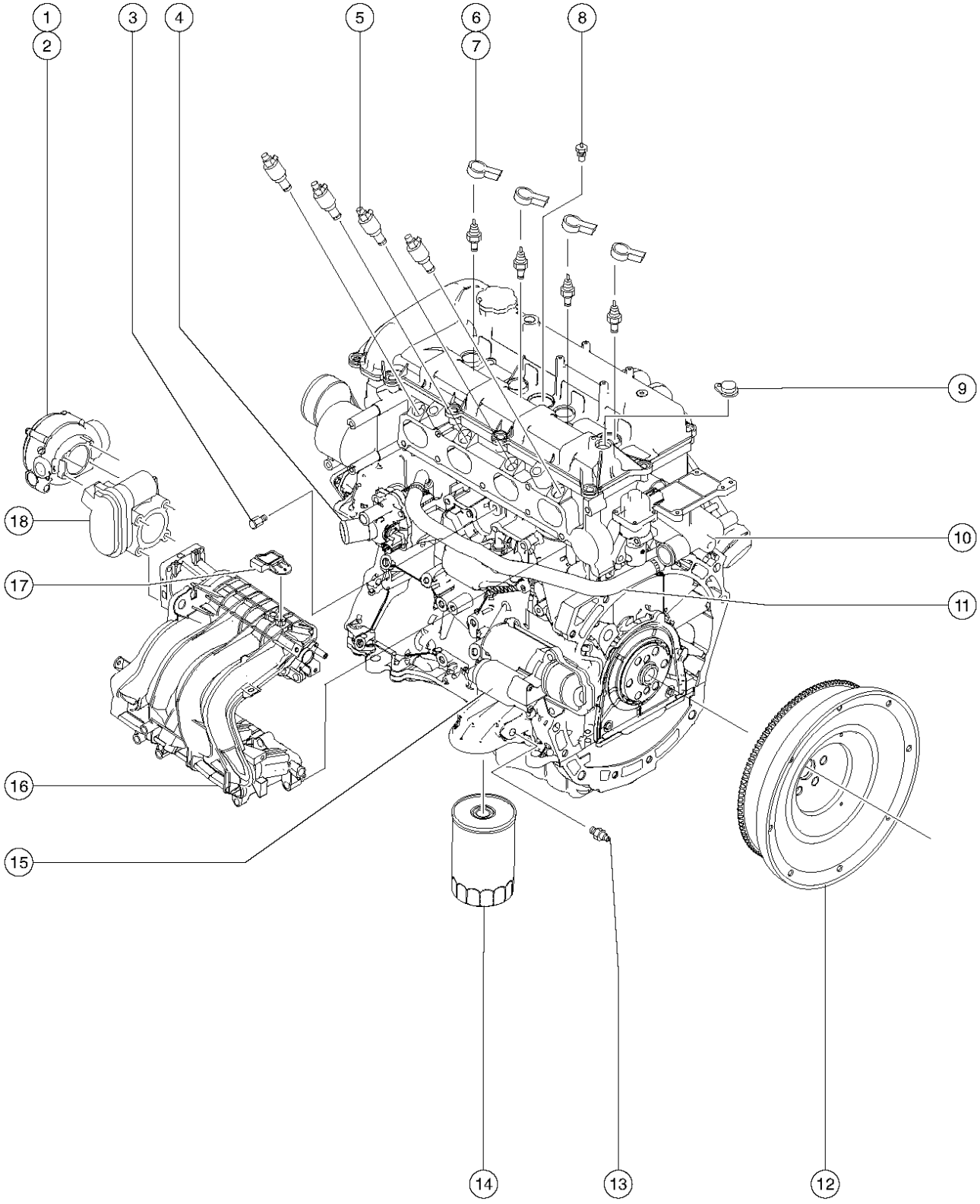
410.1 Ford LRG-425 EFI Engine - View 3 (to SN 6315)



410.1 Ford LRG-425 EFI Engine - View 3 (to SN 6315)

Item	Part No.	Description	Qty.
28	6175GT	SCREW,HHC,3/8-16 X 1	
29	27920GT	RELAY, STARTER, Z45GP91	1
30	29616GT	STARTER,ENGINE,FORD LSG/LRG***	1
30	29606GT	RING GEAR,FORD***	1
31	70423PGT	REAR ENGINE MOUNT,PAINTED	1
32	64079GT	BELL HOUSING KIT, FORD 425EFI kit includes; 89811 Pump Mount Housing, 89813 Flex Plate, 37003 15 tooth Hub Coupler, and 102136 Screws 7/16-14 X 1.25	1
32-	89813GT	FLEX PLATE,COUPLER (64079)	
32-	89811GT	HOUSING,PUMP MOUNT (64079)	
32-	37003GT	COUPLER,HUB,15 TOOTH 7/16BOLT*	
32-	102136GT	SCREW,SHC,7/16-14 X 1.25	
33	24038GT	SHOCK MOUNT,SMALL	4
33-	15086GT	WASHER,FLAT,.375 X 1.5 X .125	
33-	4828GT	NUT, NYLOCK, 3/8-16	
34	101121PGT	FORMING,RADIATOR SUP PNTD	1
35	33963GT	PUMP, WATER, WITH GASKET	1
35-	52078GT	PULLEY,FORD ENGINE,LRG-423***	
35-	33964GT	GASKET, WATER PUMP	
36	102794GT	SCREW,HHC,M8 X1.25X40,GRD10.9	
37	33277GT	WASHER,FLAT,M8,YELLOW ZINC	
38	52580GT	BELT,SERPENTINE,LRG425 EFI***	1
38-	65770GT	BELT,TIMING,FORD LRG423/425EFI	
39	65454GT	BOLT-FLANGE,M6 X 22MM(52573)	
40	13014GT	CLAMP,HOSE,2.25" DIA.	1
41	72358GT	WATER INLET TUBE, FORD	1
42	33972GT	SENSOR,COOLANT TEMP*	1
43	65456GT	SENDING UNIT-H20TMP LRG425EFI*	1

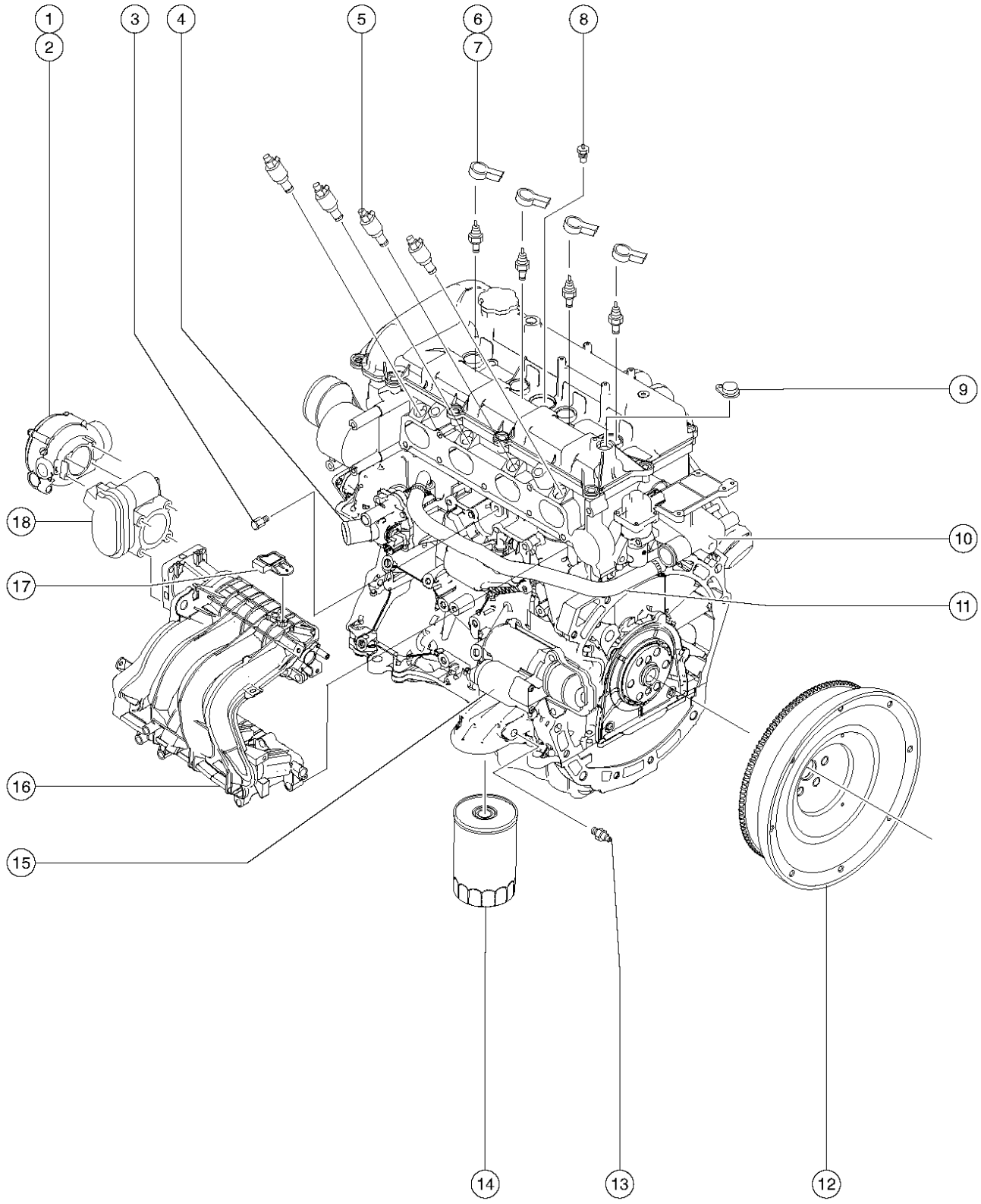
411.1 Ford DSG-423 EFI Engine - View 1 (from SN 6316 to 11788)



411.1 Ford DSG-423 EFI Engine - View 1 (from SN 6316 to 11788)

Item	Part No.	Description	Qty.
	49735GT	ENGINE,FORD LRG 425,EFIZ45 (remanufactured long block only, does not include starter, alternator, radiator or fuel system)	
-	160548GT	KIT, 400 HR, FORD DSG-423 every 500 hr service kit	
A-	119472GT	HARNESS,ENGINE FORD DSG-423	
B-	111068GT	HARNESS, GND BOX, FORD, Z60	
C-	119483GT	FUEL JUMPER HARNESS Ford models; from SN 9340	
1	119135GT	MIXER,LPG,DSG-423	1
1-	119500GT	GASKET,MIXER, FORD DSG423	
1-	119547GT	O-RING,MIXER,SMOOTHED,DSG-423	
1-	119548GT	O-RING,MIXER,RIBBED,DSG-423	
2	119142GT	ADAPTER,MIXER/THROTTLE BODY	1
2-	119466GT	GASKET,ACTUATOR PLATE	
3	119498GT	SENSOR,KNOCK DSG-423 FORD	1
4	119551GT	THERMOSTAT,FORD DSG423	1
4-	119462GT	GASKET,COOLING FITTING	
5	119479GT	FUEL INJECTOR FORD DSG423,YL yellow injector (use with control module 119169)	4
5-	233365GT	FUEL INJECTOR FORD DSG423, BK black injector (use with control module T112018)	
6	119478GT	COIL ASSEMBLY	4
7	119495GT	SPARK PLUG, FORD DSG-423	4
8	234005GT	SENSOR KIT, TEMPERATURE Required for first time replacement of older temperature sensor part 119480 (kit includes sensor part 233437 and wire harness part 234006); to SN 10015	1
8-	233437GT	SENSOR, FORD TEMPERATURE from SN 10016	
8-	234006GT	WIRE HARNESS, SENSOR, TEMP from SN 10016	
9	119497GT	SENSOR,CAM POSITION DSG-423	1
10	214803GT	KIT, DSG423 COOLANT OUTLET Required for first time replacement of older adapter 119461 (kit includes water outlet 214796 and hose bypass 214798)	1
10-	214796GT	WATER OUTLET, FORD DSG423 Previous adapter 119461 is no longer available. Order kit 214803 for first time replacement (kit includes water outlet 214796 and hose bypass 214798)	1
11	214803GT	KIT, DSG423 COOLANT OUTLET Required for first time replacement of older hose 139780 (kit includes water outlet 214796 and hose bypass 214798)	1
11-	214798GT	HOSE, COOLANT BYPASS, DSG423 Previous hose bypass 139870 is no longer available. Order kit 214803 for first time replacement (kit includes water outlet 214796 and hose bypass 214798)	1

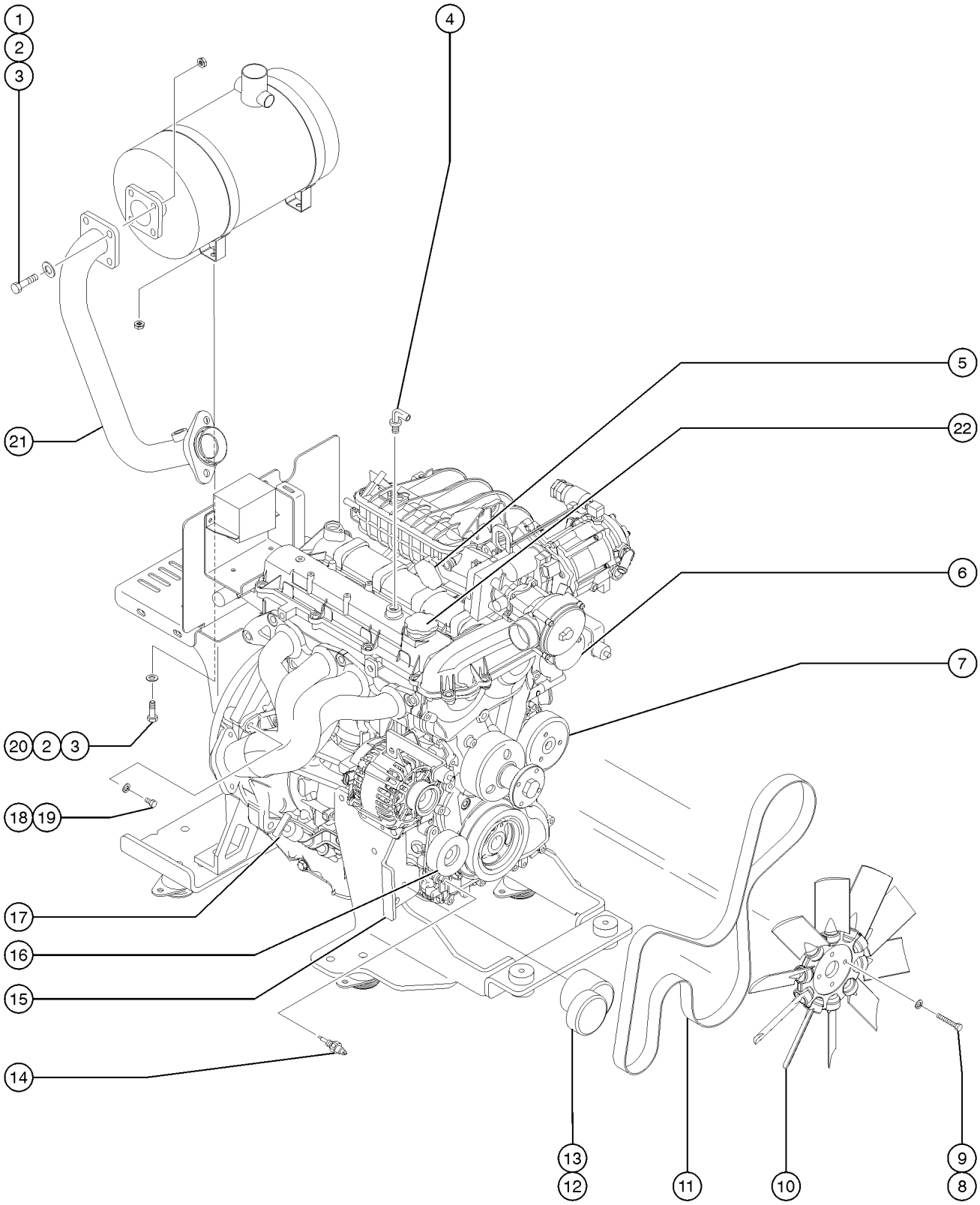
411.1 Ford DSG-423 EFI Engine - View 1 (from SN 6316 to 11788)



411.1 Ford DSG-423 EFI Engine - View 1 (from SN 6316 to 11788)

Item	*Part No.*	*Description*	*Qty.*
12	119465GT	FLYWHEEL ASSEMBLY,DSG-423 FORD	1
13	119481GT	SWITCH,OIL PRESSURE	1
14	119139GT	OIL FILTER,DSG-423	1
15-	147428GT	HARNESS, FORD STARTER from SN 9917	
15	1300882GT	STARTER,DSG-423 (FORTRESS)	1
16		MANIFOLD,INTAKE FORD DSG-423 no longer available	1
16-	147115GT	KIT, VAC CAP REPLC, DSG-423 (includes caps, clamps and instructions)	
16-	147015GT	CLAMP,SPRING,7/16"	
16-	147016GT	CAP,EPDM,5/16" for initial vacuum cap replacement order vacuum cap replacement kit no 147115	
16-	119568GT	CLAMP,SPRING,1/2" for vac cap no 147016	
17	119475GT	MAP SENSOR, DSG-423	1
18	88451GT	THROTTLE ACTUATOR*(BOSCH)	1
18-	88452GT	GASKET,THROTTLE ACTUATOR***	

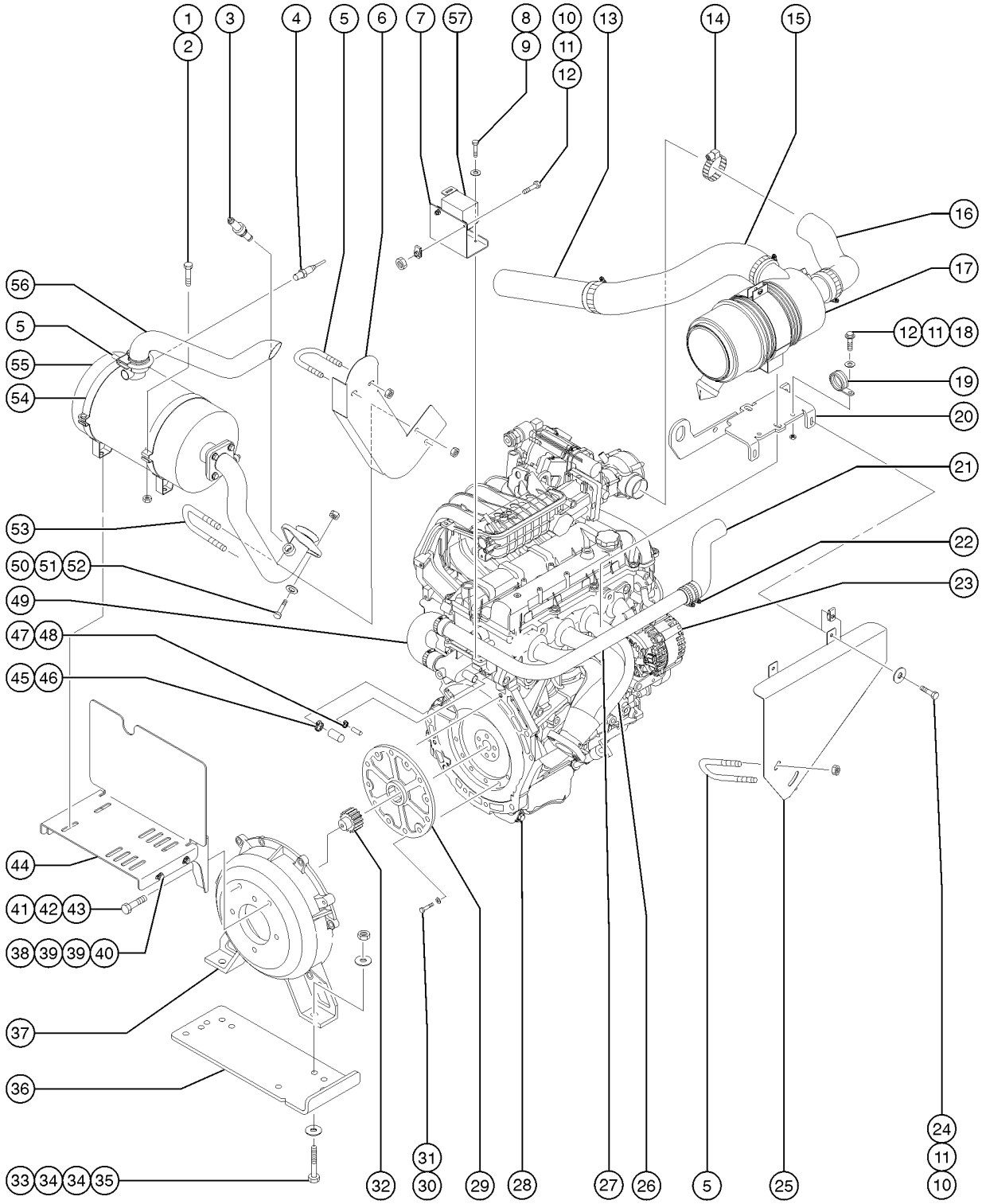
412.1 Ford DSG-423 EFI Engine - View 2 (from SN 6316 to 11788)



412.1 Ford DSG-423 EFI Engine - View 2 (from SN 6316 to 11788)

Item	Part No.	Description	Qty.
1	13000GT	SCREW,HHC,5/16-18 X 1.25	
2	5397GT	WASHER, FLAT, USS, 5/16-18	
3	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	
4	119474GT	VALVE,PCV FORD DSG-423	1
4-	75631GT	HOSE,AIR 3/8	
5	119964GT	PLATE,BLANKING,FORD DSG423	1
6	215298GT	UPPER IDLER PULLEY, MSG425	1
6-	119477GT	IDLER BRACKET	
7	119468GT	WATER PUMP W/GASKET	1
8	32309GT	SCREW,HHC,M8 X 60MM X 1.25	
9	49408GT	WASHER, LOCK, M8	
10	119153GT	FAN (FORD TIER 3)	1
11	119138GT	BELT,SERPENTINE,DSG-423 No longer available,(Replaced by 1316077)	1
11B	1316077GT	KIT, AUTOMATIC BELT TENSIONER, DSG423	1
12		PULLEY, TENSIONER component no longer available separately; refer to item 13	1
13	119469GT	PULLEY AND TENSIONER,DSG423 No longer available,(Replaced by 1316077)	1
13B	1316077GT	KIT, AUTOMATIC BELT TENSIONER, DSG423	1
14	119496GT	SENSOR,CRANK POSITION DSG-423	1
15	119471GT	BRACKET,TENSIONER No longer available,(Replaced by 1316077)	1
15B	1316077GT	KIT, AUTOMATIC BELT TENSIONER, DSG423	1
16	119544GT	LOWER IDLER FORD DSG-423 No longer available,(Replaced by 1316077)	1
16B	1316077GT	KIT, AUTOMATIC BELT TENSIONER, DSG423	1
17	119473GT	DIPSTICK, FORD DSG 423	1
18	111744GT	Screw - SHC, M10 x 1.5 x 55 mm GR 8.8	
19	22699GT	WASHER, FLAT, M10, ZINC PLTD.	
20	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
21	111608GT	WELDMENT,HEADER PIPE,FORD 2.3L	1
22	58632GT	CAP,OIL FILLER,FORD DSG 423	

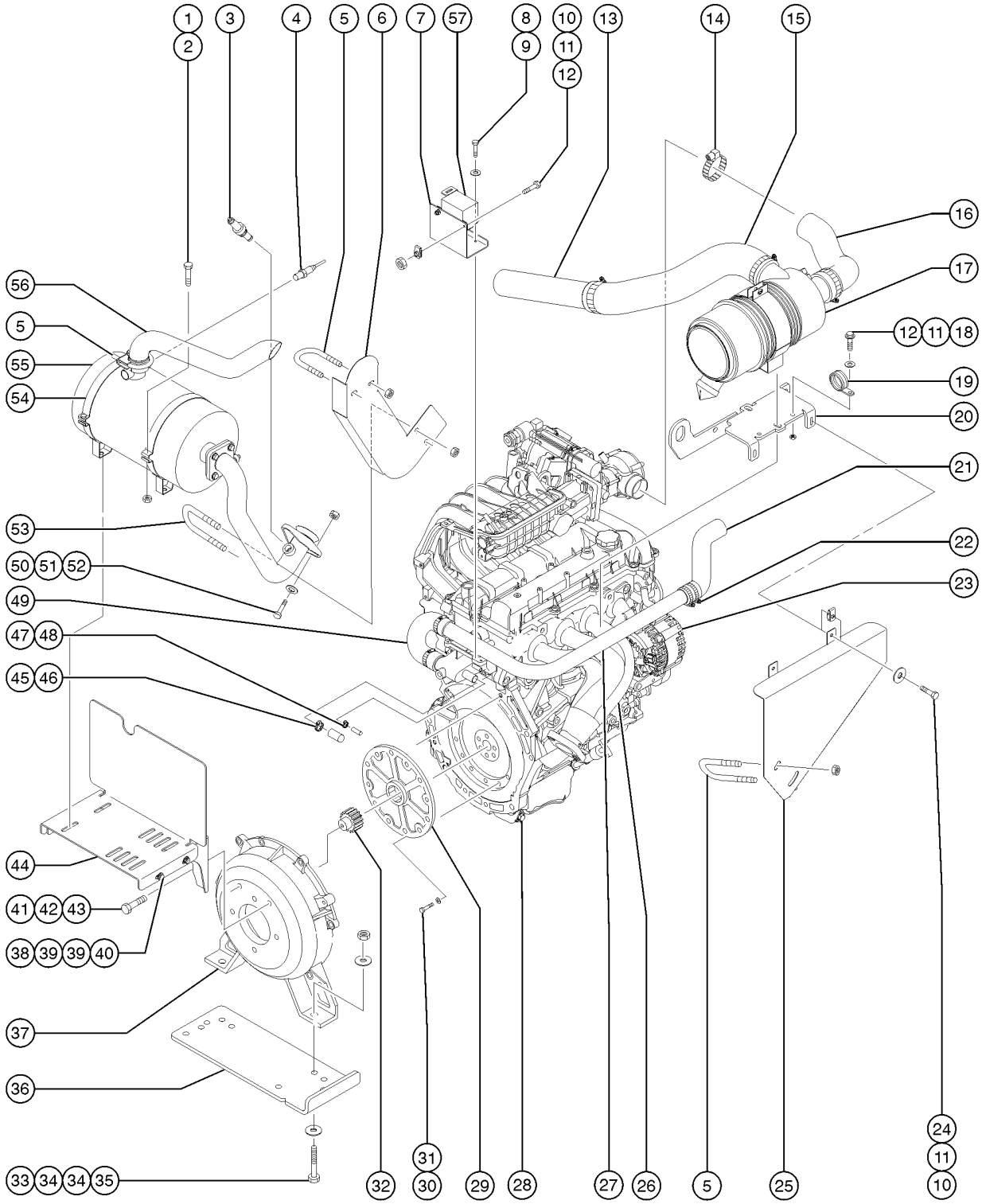
413.1 Ford DSG-423 EFI Engine - View 3 (from SN 6316 to 11788)



413.1 Ford DSG-423 EFI Engine - View 3 (from SN 6316 to 11788)

Item	Part No.	Description	Qty.
1	6708GT	SCREW,HHC,3/8-16 X 2.25	
2	6022GT	NUT,HEX,3/8-16	
3	88450GT	SENSOR,OXYGEN LRG425EFI	1
4	139610GT	SENSOR,AIR,CAT MONITOR	1
5	71911GT	CLAMP,MUFFLER, 2.50 INCH	2
6	111633GT	FORMING,HEAT SHIELD,EXH PIPE	1
7	111609PGT	BRACKET,RELAY BLOCK MOUNT,PTD from SN 6316 to SN 7923	1
8	67537GT	SCREW,HHC,M5 X 12MM	
9	49413GT	WASHER,FLAT, M5 YELLOW ZINC	
10	6090GT	SCREW, HHC, 1/4-20 X .75	
11	6638GT	WASHER, FLAT, USS, 1/4"Y	
12	6091GT	NUT,NYLOCK,1/4-20	
13	94324GT	TUBE,RD,STL,ALUMIZD,2.5 X .065 cut to 9.5 inches	10 inches
13-	45435GT	CLAMP,HOSE,2.50"	
14	45435GT	CLAMP,HOSE,2.50"	2
15	111603GT	ASSEMBLY,HOSE,AIR INTAKE	1
15-	45435GT	CLAMP,HOSE,2.50"	
16	110422GT	HOSE,AIR,MIXER	1
16-	45435GT	CLAMP,HOSE,2.50"	
17	111634GT	AIR CLEANER,FORD,T3	1
17-	227988GT	VACUATOR VALVE	
17-	77295GT	FILTER ELEMENT,AIR,NOLFF LPG	
17-	38922GT	ELBOW,90DEG.1/8MPT-5/16 BARB	
17-	53952GT	BRKT,AIR CLEANER ORIENTATION** sold separately	
17-	58247GT	AIR CLEANER CAP/ FORD/NOLFF***	
17-	1277991GT	CLIP,AIR CLEANER COVER (58247) for 58247	
18	6888GT	SCREW, HHC, 1/4-20 X 1	

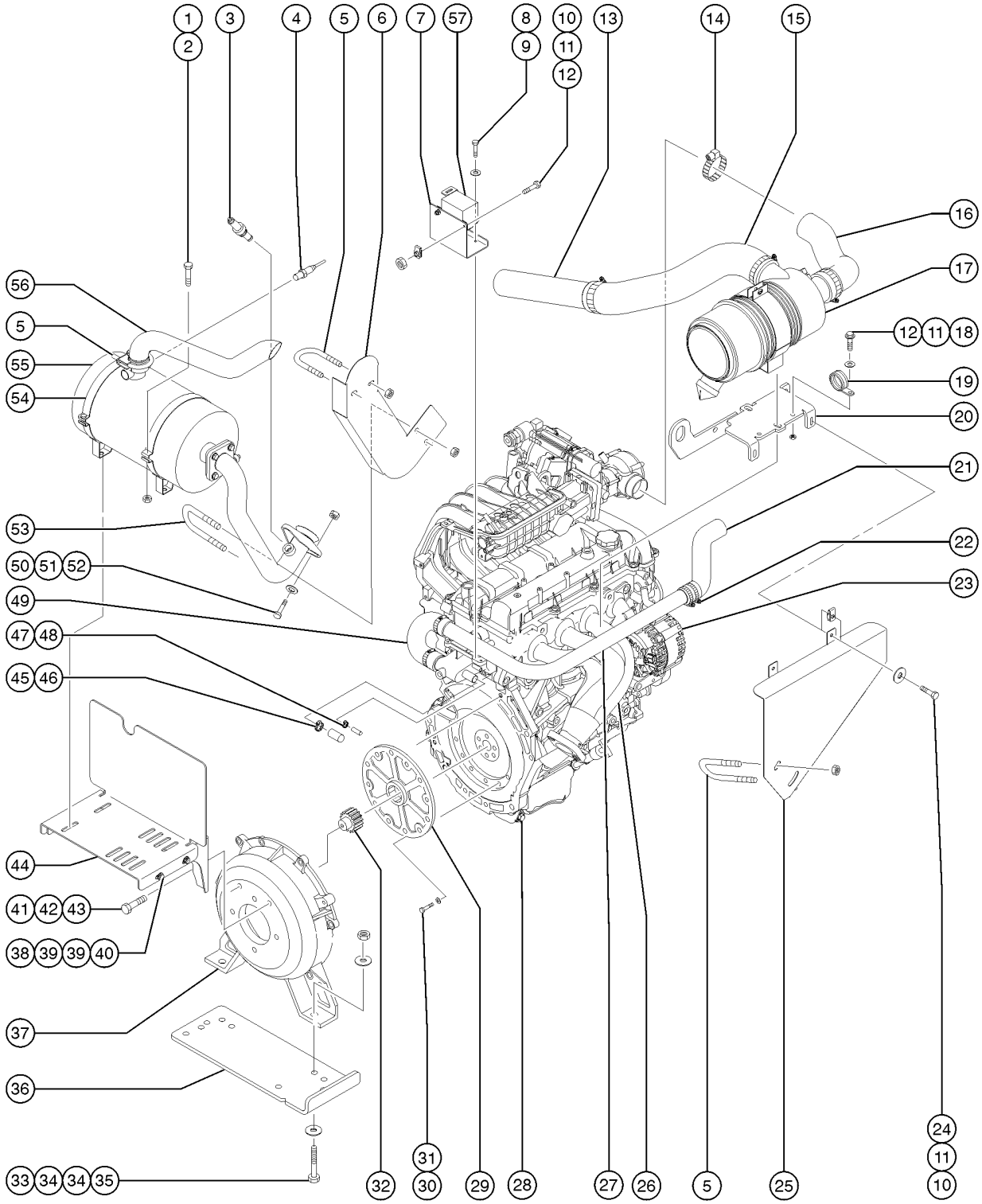
413.1 Ford DSG-423 EFI Engine - View 3 (from SN 6316 to 11788)



413.1 Ford DSG-423 EFI Engine - View 3 (from SN 6316 to 11788)

Item	Part No.	Description	Qty.
19	119394GT	CLAMP,1.38,#212X3/8,RUB CUSH	3
20	111655PGT	WELDMENT,AIR CLEANER MOUNT,PTD from SN 6316 to SN 7923	1
20-	122077PGT	AIR CLEANER MOUNTING BRKT,PTD from SN 7924	
21	110758GT	HOSE,UPPER RADIATOR	1
22	45171GT	CLAMP,HOSE,1.75,LINED	3
23	1300536GT	ALTERNATOR,DSG-423,BOSCH	1
24	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
25	111615GT	FORMING,HEAT SHLD,HEADER PIPE from SN 6316 to SN 7923	1
25-	122230GT	FORMING,HEAT SHIELD,HEADER from SN 7924	
26	119463GT	MANIFOLD,EXHAUST TURBO	1
26-	119464GT	GASKET,MANIFOLD EXHAUST	
27	112285GT	PIPE,COOLANT RETURN,FORD 2.3L from SN 6316 to SN 7923	1
27-	122221GT	PIPE,COOLANT RETURN,FORD 2.3L from SN 7924	
28	119588GT	OIL DRAIN PLUG,FORD DSG423	1
29	89813GT	FLEX PLATE,COUPLER (64079)	1
30	55014GT	SCREW,SHC,M8 X 1.25 X 25	12
31	33277GT	WASHER,FLAT,M8,YELLOW ZINC	
32	37003GT	COUPLER,HUB,15 TOOTH 7/16BOLT*	1
33	22788GT	SCREW,HHC,1/2-13 X 1.75	
34	6095GT	WASHER,FLAT,USS,1/2",Y	
35	6198GT	NUT, NYLOCK, 1/2-13	
36	110415PGT	PLATE,REAR ENGINE MOUNT,PNTD	1
36	110415GT	PLATE,REAR ENGINE MOUNT	1
37	110405GT	BELL HOUSING KIT,FORD DSG423	1
37-	119052GT	PUMP MOUNT,FORD DSG423	
37-	111748GT	SCREW,SHC,M10X1.5 X 60 GR8.8	2
38	6175GT	SCREW,HHC,3/8-16 X 1 from SN 6316 to SN 7923	
39	5397GT	WASHER, FLAT, USS, 5/16-18 from SN 6316 to SN 7923	

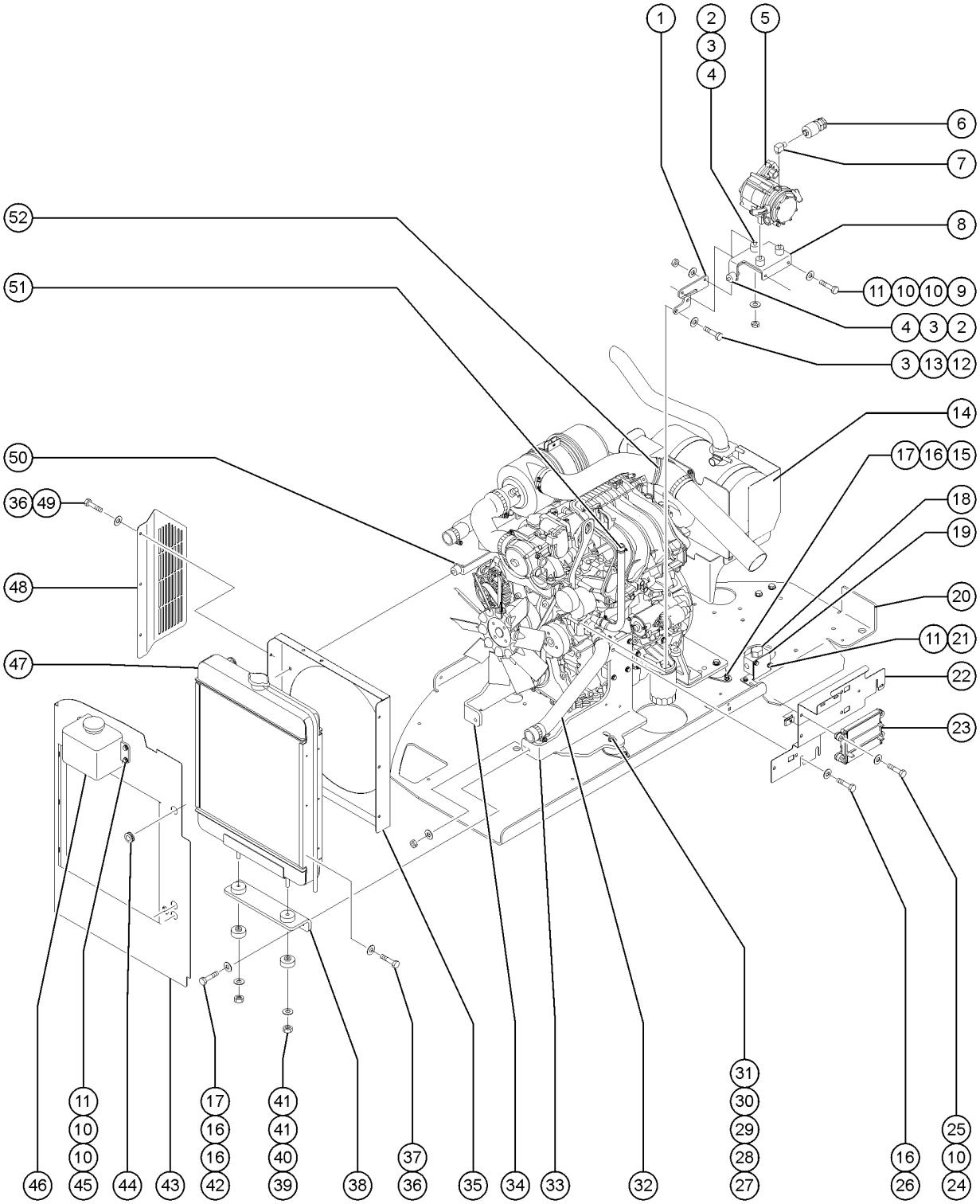
413.1 Ford DSG-423 EFI Engine - View 3 (from SN 6316 to 11788)



413.1 Ford DSG-423 EFI Engine - View 3 (from SN 6316 to 11788)

Item	Part No.	Description	Qty.
40	4828GT	NUT, NYLOCK, 3/8-16 from SN 6316 to SN 7923	
41	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5 from SN 6316 to SN 7923	
42	6033GT	WASHER,LOCK,0.5" from SN 6316 to SN 7923	
43	13066GT	WASHER,FLAT,.5 HARDENED from SN 6316 to SN 7923	
44	111605GT	WELDMENT,CAT MUFFLER MOUNT	1
44-	122234PGT	WELDMENT,CAT MUFFLER SPPT,PTD from SN 7924	
44-	111604PGT	FORMING,CAT MUFFLER MOUNT,PTD from SN 6316 to SN 7923	
44-	111611PGT	FORMING,CAT MUFFLER MNT,LOW PT from SN 6316 to SN 7923	
45	119484GT	CAP,COOLANT 3/4	1
46	46131GT	CLAMP,HOSE,.63" - 1.0" X .5"	1
47	147016GT	CAP,EPDM,5/16"	1
48	147015GT	CLAMP,SPRING,7/16"	1
49	110424GT	HOSE,RETURN,ENGINE	1
50	25548GT	SCREW,HHC,M10 X 40MM,GRD8	
51	22699GT	WASHER, FLAT, M10, ZINC PLTD.	
52	22700GT	WASHER,LOCK,M10	
53	102121GT	CLAMP,MUFFLER,1-7/8 IN.	1
54	119051GT	MOUNTING BAND,MUFFLER,8.0"	2
55	111666GT	WELDMENT,MUFFLER,DSG423	1
56	111697GT	TUBE,EXHAUST PIPE 2.3L FORD T3	1
57	237856GT	FUSE BOX COVER	
57-	237857GT	FUSE BOX RELAY STICKER	
57-	237858GT	FUSE BOX MOUNTING,LEFT	
57-	237859GT	FUSE BOX MOUNTING,RIGHT	

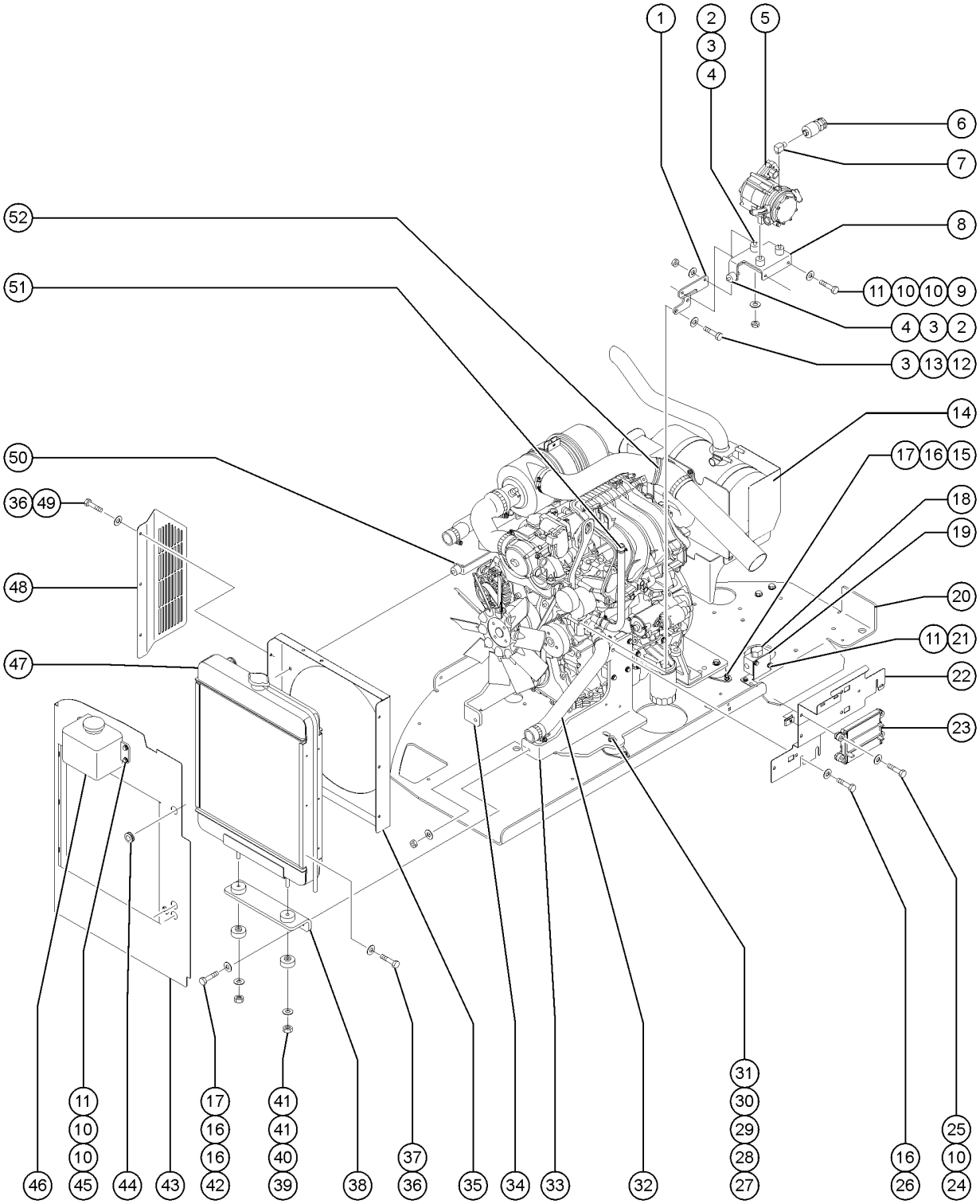
414.1 Ford DSG-423 EFI Engine - View 4 (from SN 6316 to 11788)



414.1 Ford DSG-423 EFI Engine - View 4 (from SN 6316 to 11788)

Item	Part No.	Description	Qty.
A-	1303581GT	BATTERY, 12V, 950CCA, FLA	
B-	89651GT	BATTERY CABLE,2/0,POS.RED,45"	
C-	81563GT	BATT.CABLE,2/0,BLACK,48"	
D-	49869GT	CORROSION INHIBITOR COATING	
1	110892PGT	BRACKET,REGULATOR SUPPORT,PNTD	1
2	110919GT	ISOLATOR,VIBRATION,M8 M/M	4
3	33277GT	WASHER,FLAT,M8,YELLOW ZINC	
4	25368GT	NUT,NYLOCK,M8X1.25	
5	119826GT	REGULATOR,LPG,DSG-423	1
5-	119546GT	KIT,FITTING,REGULATOR DSG-423	
5A	102119GT	HOSE,3/4,LP from regulator to mixer	8
6	119232GT	LOCKOFF,LP,FORD DSG/MSG	1
7	119824GT	ELBOW,90DEG,5502-04-04-B	1
8	110890PGT	FORMING,REGULATOR MOUNT,PTD	1
9	67349GT	SCREW,HHC,M8 X 50	
10	6638GT	WASHER, FLAT, USS, 1/4"Y	
11	6091GT	NUT,NYLOCK,1/4-20	
12	8255GT	SCREW,HHC,3/8-16 X .75	
13	49408GT	WASHER, LOCK, M8	
14	122106GT	DSG423 FORD WELDER HEAT SHIELD part of welder option (refer to 813.1)	1
15	6175GT	SCREW,HHC,3/8-16 X 1	
16	6097GT	WASHER, FLAT, USS, 3/8", Y	
17	4828GT	NUT, NYLOCK, 3/8-16	
18	119170GT	FUEL SENSOR ASSY.	1
19	111699PGT	FORMING,FUEL PRES.REG MNT,PTD	1
20		Ref. Engine Tray (refer to 415.1)	
21	4266GT	SCREW,HHC,1/4-20 X 2	
22	112283GT	FORMING,FORD GCP MOUNT	1

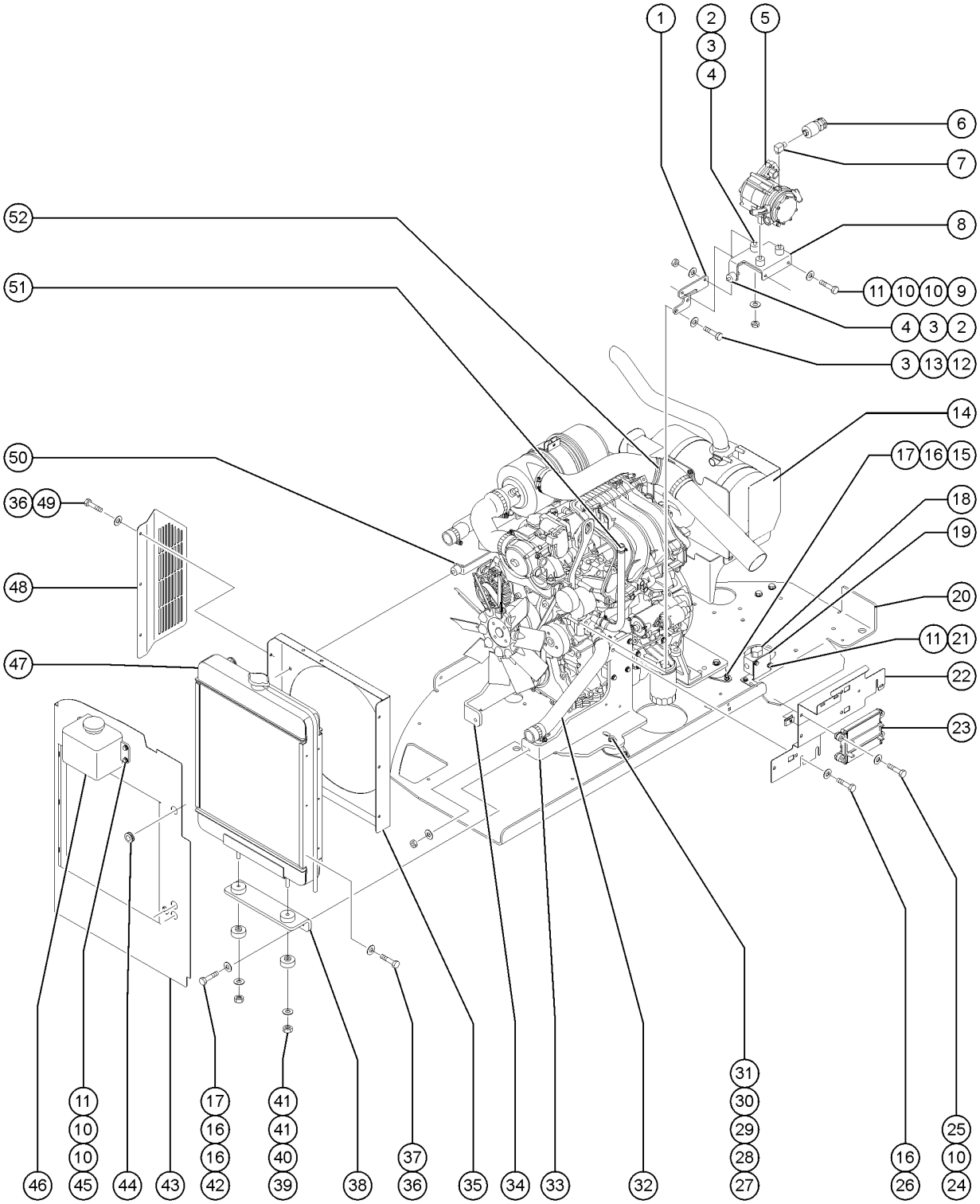
414.1 Ford DSG-423 EFI Engine - View 4 (from SN 6316 to 11788)



414.1 Ford DSG-423 EFI Engine - View 4 (from SN 6316 to 11788)

Item	Part No.	Description	Qty.
23A	119169GT	CONTROL MODULE,DSG-423 to SN 9182 (models with YELLOW fuel injectors)	1
23B	T112018GT	CONTROL MODULE,DSG-423 from SN 9183 (models with BLACK fuel injectors)	
24	6145GT	SCREW, HHC, 1/4-20 X 1.5	
25	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
26	25927GT	SCREW,HHC,3/8-16X1.25,8,ZAG	
27	6198GT	NUT, NYLOCK, 1/2-13	
28	39479GT	SCREW,HHC,1/2-13 X 2.75	
29	70452GT	ISOLATOR,ENGINE VIBRATION	4
30	6095GT	WASHER,FLAT,USS,1/2",Y	
31	102066PGT	CASTING,WASHER,REBOUND,PAINTED	2
32	110423GT	HOSE,LOWER RADIATOR	1
32-	119053GT	CLAMP,HOSE,1.50	
33	110416PGT	FORMING,LEFT ENGN SUPPORT,PNTD	1
34	111339GT	FORD T3 ENG MT.OUTBOARD W/DECA	1
35	110413PGT	FORMING,FAN SHROUD,PNTD	1
36	21019GT	SCREW,PHIL,PHM,10-24 X.5,SEMS	
37	25926GT	WASHER,FLAT,M6 PLTD.	
38	110417PGT	FORMING,RADIATOR SUPPORT,PNTD	1
39	48425GT	NUT,FLG-LRG,3/8-16,YZ	
40	15086GT	WASHER,FLAT,.375 X 1.5 X .125	
41	24038GT	SHOCK MOUNT,SMALL	4
42	8516GT	SCREW, HCC, 3/8-16 X 1.50	
43	111337GT	Z60 FORD T3 BAFFLE W/DECALS	1
43-	111631PGT	FORMING,RADIATOR SHROUD,Z60,PD	
44	60584GT	GROMMET,RUBBER .75 X .19 X 1**	4
45	6090GT	SCREW, HHC, 1/4-20 X .75	
46	1279268GT	BOTTLE, COOLANT RECOVERY, 2QT	1
46-	72327GT	CAP, COOLANT RET SYS(54071)	

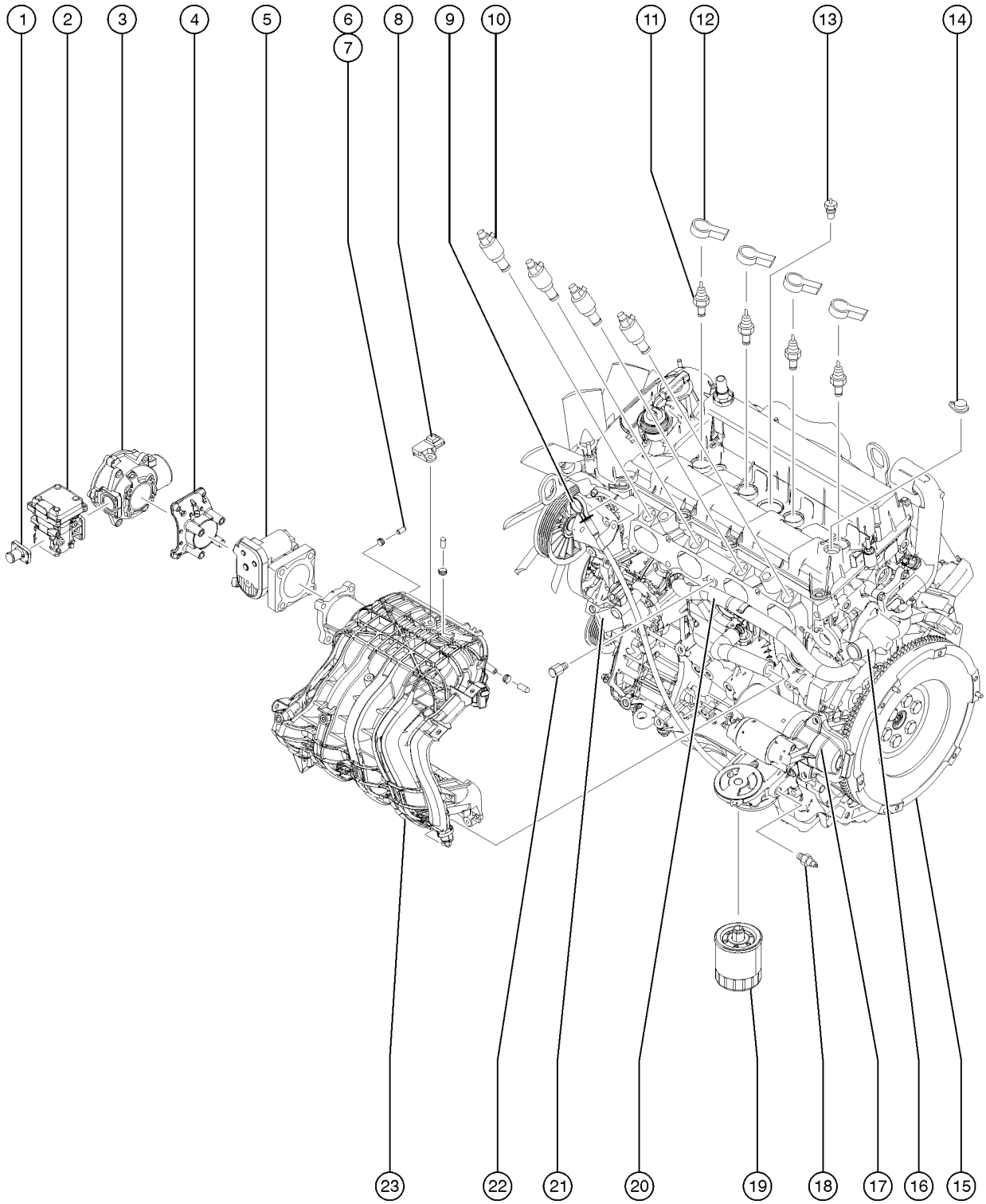
414.1 Ford DSG-423 EFI Engine - View 4 (from SN 6316 to 11788)



414.1 Ford DSG-423 EFI Engine - View 4 (from SN 6316 to 11788)

Item	Part No.	Description	Qty.
46-	21465GT	CLAMP,HOSE, .25" TO .63" X .3125"	
46-	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	
46-	19018GT	TRIMLOCK,BLACK,5/32"	8 inches
46-	19018GT	TRIMLOCK,BLACK,5/32"	22 inches
47A	110406GT	RADIATOR,FORD DSG423 & MSG425	1
47B	131589GT	HOSE,OVERFLOW,RADIATOR	
47C	65473GT	CAP,RADIATOR,PERKINS/FORD	
48	122017PGT	FORMING, FAN GUARD, PTD	1
49	6146GT	WASHER,FLAT,MS,#10,Y	
50	110419PGT	FORMING,RADIATOR BRACE LFT,PTD	1
50-	219437GT	ISOLATOR,VIBRATION	
50-	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	
51	119073GT	HOSE,COOLANT,REG INTAKE	1
51-	119053GT	CLAMP,HOSE,1.50	
52	70257GT	CLAMP,3.0,#48 X 1/4,RUB CUSH	1

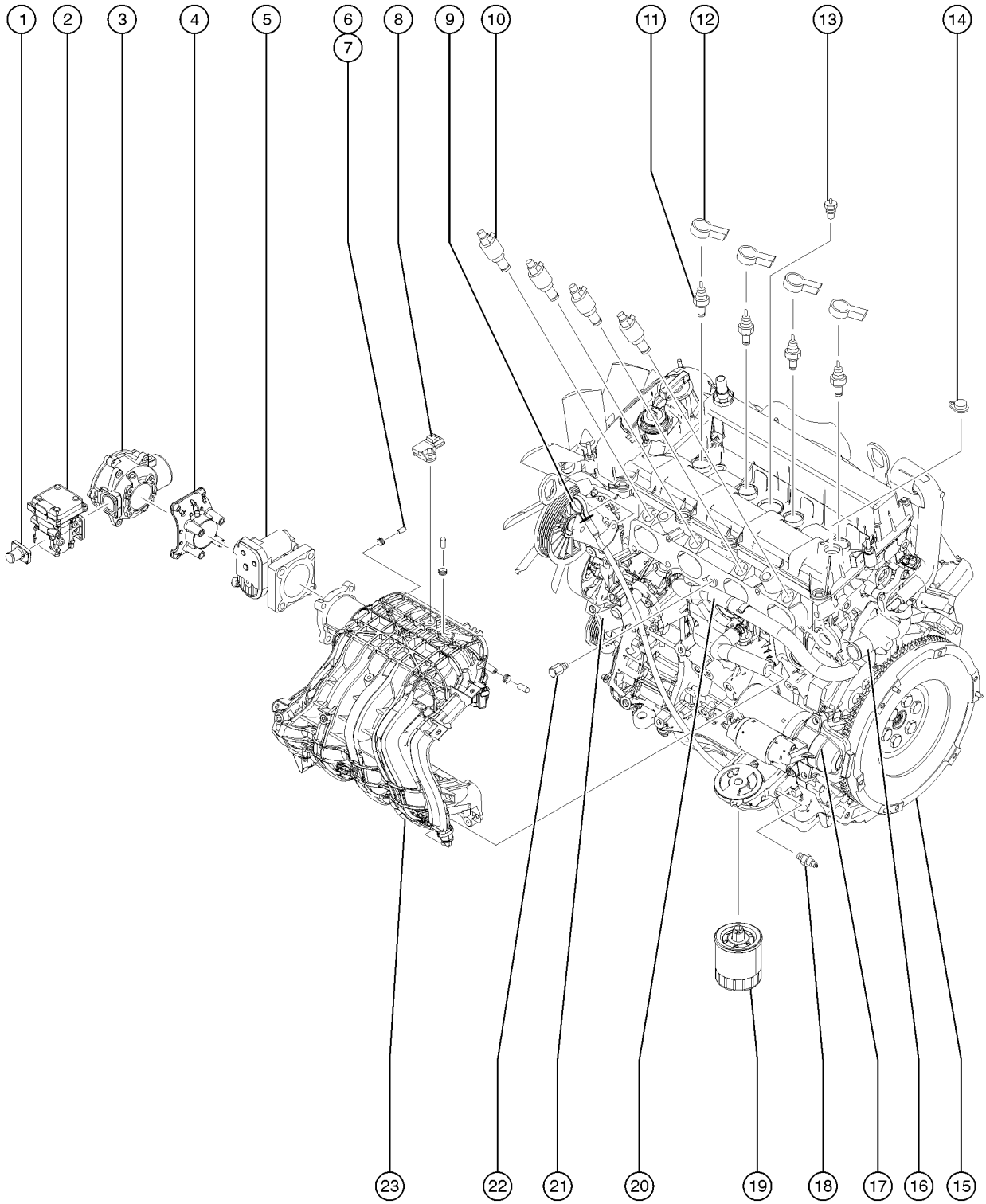
415.1 Ford MSG-425 EFI Engine - View 1 (from SN 11789)



415.1 Ford MSG-425 EFI Engine - View 1 (from SN 11789)

Item	Part No.	Description	Qty.
A-	49735GT	ENGINE,FORD LRG 425,EFIZ45 (remanufactured long block only, does not include starter, alternator, radiator or fuel system)	
B-	215294GT	ENGINE HARNESS, MSG425 (part of the engine)	
C-	122049GT	HARNESS,ENGINE,FORD,EFI,TIER 3 from SN 11789 to SN 11903	
D-	214915GT	HARNESS,ENGINE,FORD,EFI,TIER 3 from SN 11904	
E-	111068GT	HARNESS, GND BOX, FORD, Z60 from SN 11789 to SN 11903	
F-	215872GT	HARNESS, GND BOX, FORD, Z60 from SN 11904	
G-	128165GT	RELAY,PWR/FUEL,FORD DSG423	
H-	128166GT	RELAY,STARTER,FORD DSG/MSG	
1	215285GT	FITTING, DEPR LP, MSG425	1
2	215284GT	REGULATOR,LP PRESSURE,MSG425	1
2-	215285GT	FITTING, DEPR LP, MSG425 (sold seperately) (for 215284)	
2-	215286GT	FITTING, DEPR COOLANT, MSG425 (sold seperately) (for 215284)	
3	215280GT	MIXER, MSG425	1
3-	1313038GT	INLET SEAL, MIXER, MSG425 (215280)	
3-	1313039GT	O-RING, MIXER, MSG425 (215280)	
3-	1313040GT	QUAD RING, MIXER, MSG425 (215280)	
3-	119546GT	KIT,FITTING,REGULATOR DSG-423 for 215280	
3-	119547GT	O-RING,MIXER,SMOOTHED,DSG-423	
3-	215281GT	O-RING, SMOOTH, MSG425	
4	215283GT	ADAPTER, MIXER/THRO, MSG425	1
5	88451GT	THROTTLE ACTUATOR*(BOSCH)	1
5-	88452GT	GASKET,THROTTLE ACTUATOR***	
6	217820GT	CAP, INT. MFLD. VAC, MSG425	2
7	119568GT	CLAMP,SPRING,1/2"	3
8	119475GT	MAP SENSOR, DSG-423	1
9		OIL INDICATOR, MSG425 Previous dipstick part 215297 is no longer available; customers before SN 12339 must order kit 220229 for first time replacement	1
9A-	220229GT	KIT, DIPSTICK, MSG425 to SN 12338	

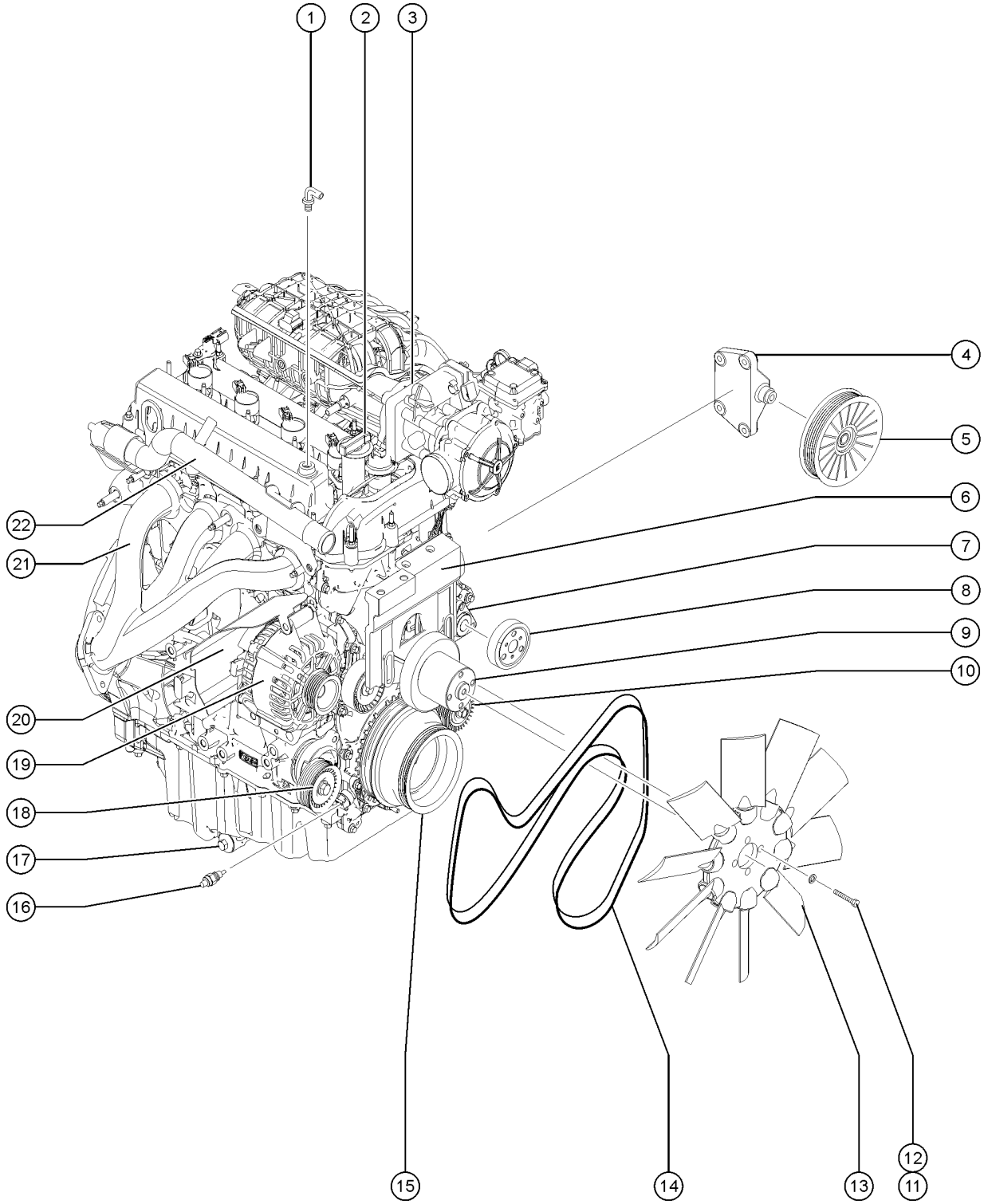
415.1 Ford MSG-425 EFI Engine - View 1 (from SN 11789)



415.1 Ford MSG-425 EFI Engine - View 1 (from SN 11789)

Item	Part No.	Description	Qty.
9B-	220230GT	DIPSTICK, MSG425 from SN 12339	
9C-	220231GT	O-RING,DIPSTICK,MSG425 (not shown, use with dipstck part 220230)	
9D-	18506GT	SCREW 5/16-18 X .75 LG.FLG.LCK. (not shown, use to mount dipstck part 220230)	
9E-	6638GT	WASHER, FLAT, USS, 1/4"Y (not shown, use to mount dipstck part 220230)	
9F-	6002GT	NUT, LP NYLOCK, 5/16-18 (not shown, use to mount dipstck part 220230)	
10	215299GT	INJECTOR, FUEL, MSG425	4
11	215287GT	SPARK PLUG, MSG425	4
12	215314GT	COIL ASSY, MSG425	4
13	215300GT	SENSOR, CYL. HEAD TEMP, MSG425	1
14	215308GT	SENSOR, CAM POS, MSG425	1
15	215278GT	FLYWHEEL ASSY, MSG425	1
16	215275GT	ADAPTER, WATER CONN, MSG425	1
17	1264894GT	KIT, HD STARTER INSTALL, MSG-4	1
17-	128166GT	RELAY,STARTER,FORD DSG/MSG	
17-	217823GT	STARTER PLUG SEAL, MSG425	
18	215301GT	SWITCH, OIL PRES, MSG425	1
19	119139GT	OIL FILTER,DSG-423	1
19A	1277968GT	SEPERATOR ASSY,OIL,FORD MSG	1
20	215302GT	HOSE, COOLANT BYPASS, MSG425	1
21	215310GT	THERMOSTAT W/HOUSING, MSG425	1
22	215309GT	SENSOR, KNOCK, MSG425	1
23	215305GT	INTAKE MANIFOLD, MSG425	1
23A	1277969GT	GASKET,INTAKE MANIFOLD,MSG 425 for 215305	1

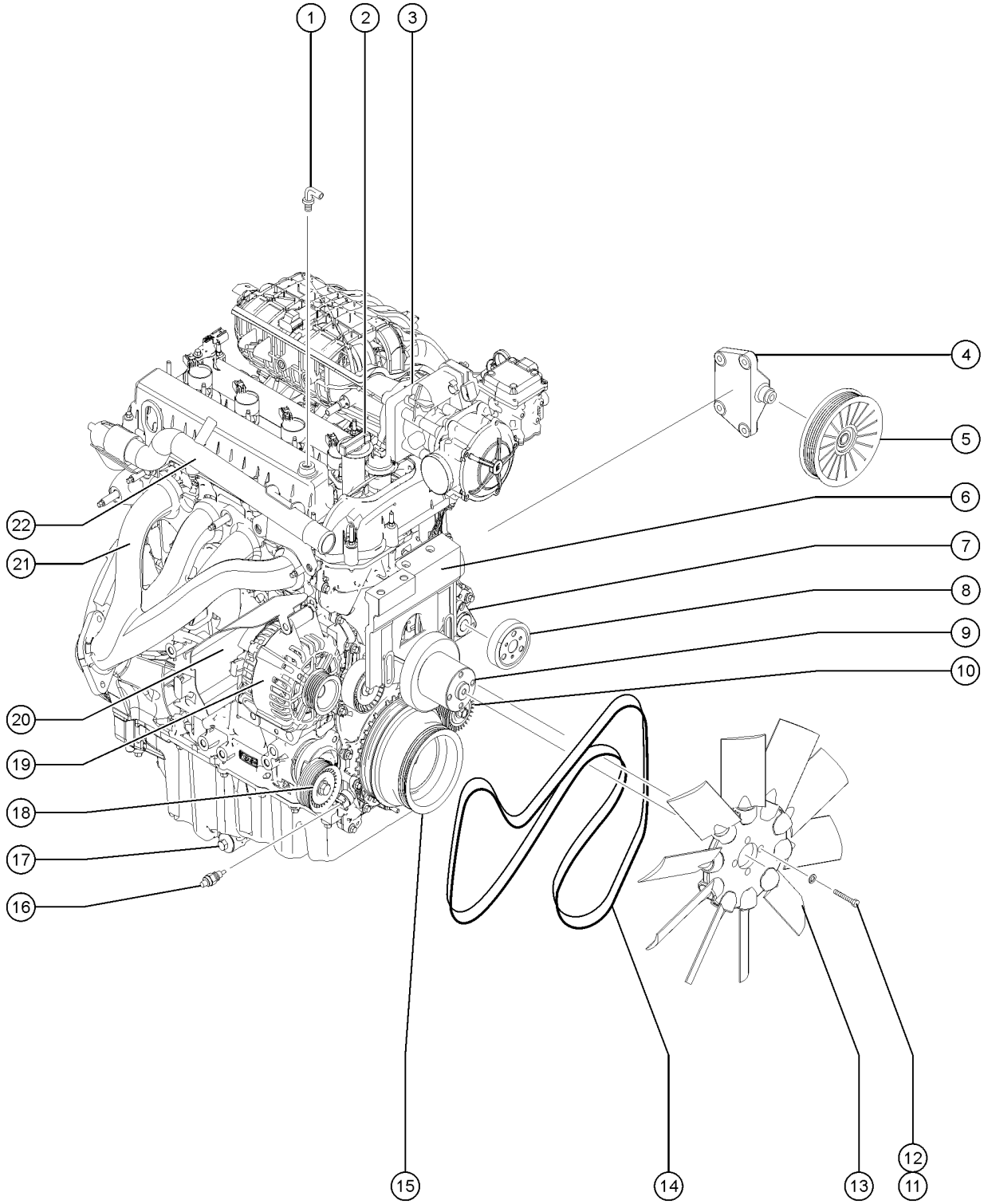
416.1 Ford MSG-425 EFI Engine - View 2 (from SN 11789)



416.1 Ford MSG-425 EFI Engine - View 2 (from SN 11789)

Item	Part No.	Description	Qty.
1	119474GT	VALVE,PCV FORD DSG-423	1
1-	75631GT	HOSE,AIR 3/8	
2	58632GT	CAP,OIL FILLER,FORD DSG 423	1
3	215279GT	PLATE, INT. MFLD ADAP, MSG425	
4	119477GT	IDLER BRACKET	1
5	215298GT	UPPER IDLER PULLEY, MSG425	1
6	1283575GT	KIT,FAN SUPPORT RETRO,FORD MSG For first time replacement	1
6-	1283571GT	BRACKET,FAN,FORD MSG included in kit 1283575GT	1
6-	1283572GT	BRACKET,IDLER,FORD MSG included in kit 1283575GT	1
6-	1283573GT	BOLT, BRACKET, SUPPORT,FORD MSG included in kit 1283575GT	2
6-	1283574GT	SCREW,HHC,M8X1.25.80 included in kit 1283575GT	1
7	215288GT	WATER PUMP, MSG425	1
8	215289GT	WATER PUMP PULLEY, MSG425	1
9	215271GT	FAN PULLEY, MSG425	1
9-	215270GT	FAN SPACER, MSG425	
10	215313GT	LOWER IDLER PULLEY, MSG425	1
11	32309GT	SCREW,HHC,M8 X 60MM X 1.25	1
12	49408GT	WASHER, LOCK, M8	1
13	215269GT	FAN, MSG425	1
14	215291GT	BELT, FEAD, MSG425 (shown)	1
14-	215274GT	FAN DRIVE BELT, MSG425 Fan belt (not shown)	
15	215273GT	CRANK PULLEY, EXT, MSG425	1
16	215307GT	SENSOR, CRANK POS, MSG425	1
17	215311GT	PLUG, OIL DRAIN, MSG425	1
18	215290GT	PULLEY/TENSIONER, MSG425	1
19	1300536GT	ALTERNATOR,DSG-423,BOSCH	1
20	227309GT	HEAT SHIELD,ALTERNATOR,FORD	1
21	215276GT	EXHAUST MANIFOLD, MSG425 to SN 12595	1

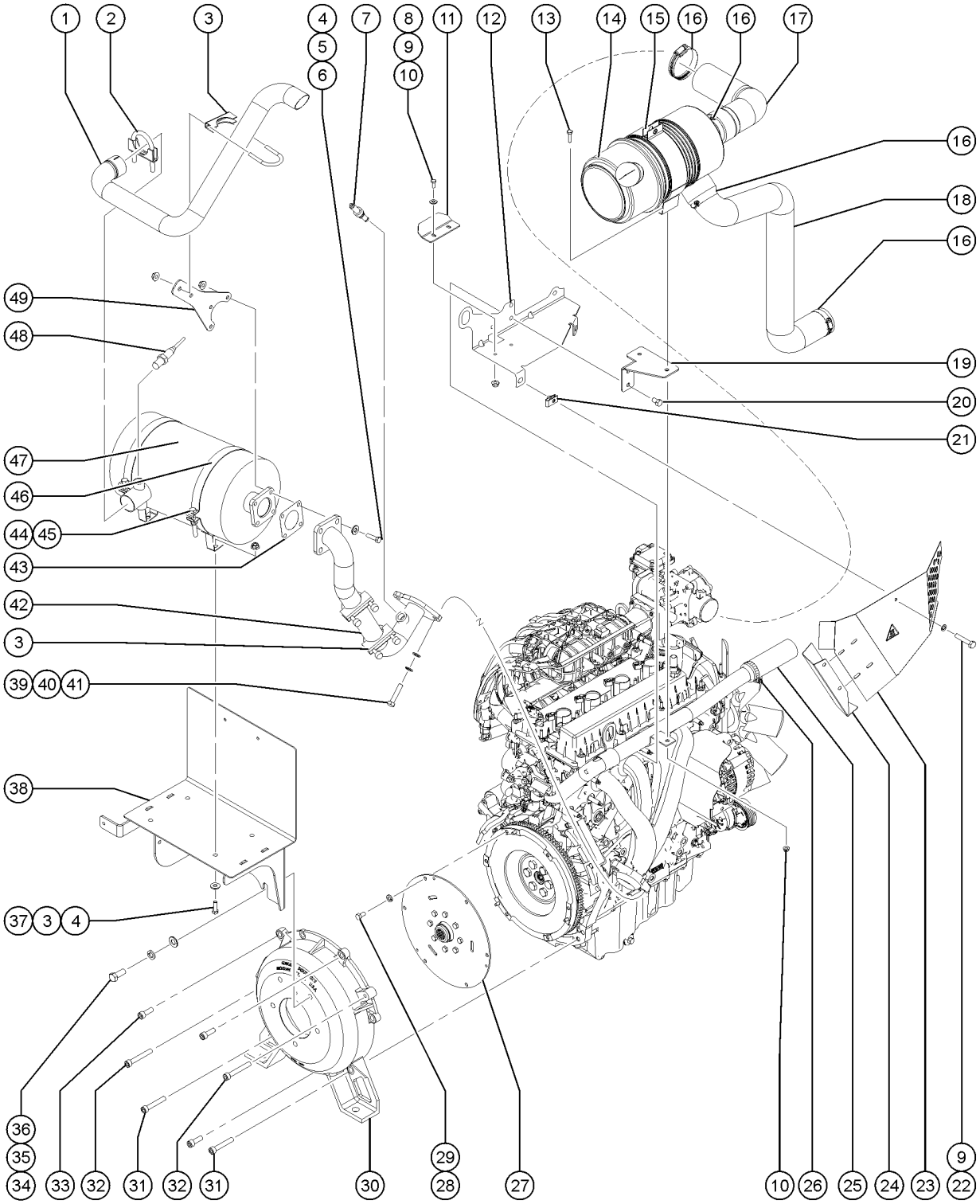
416.1 Ford MSG-425 EFI Engine - View 2 (from SN 11789)



416.1 Ford MSG-425 EFI Engine - View 2 (from SN 11789)

Item	*Part No.*	*Description*	*Qty.*
21-	119463GT	MANIFOLD,EXHAUST TURBO ..... from SN 12596	
21-	215277GT	GASKET, MSG425	
21-	217822GT	NUT, EXH. MANIFOLD, MSG425	
21-	823816GT	GASKET,EXHAUST,FORD MSG	
22	236373GT	PIPE,COOLANT RETURN, MSG425	

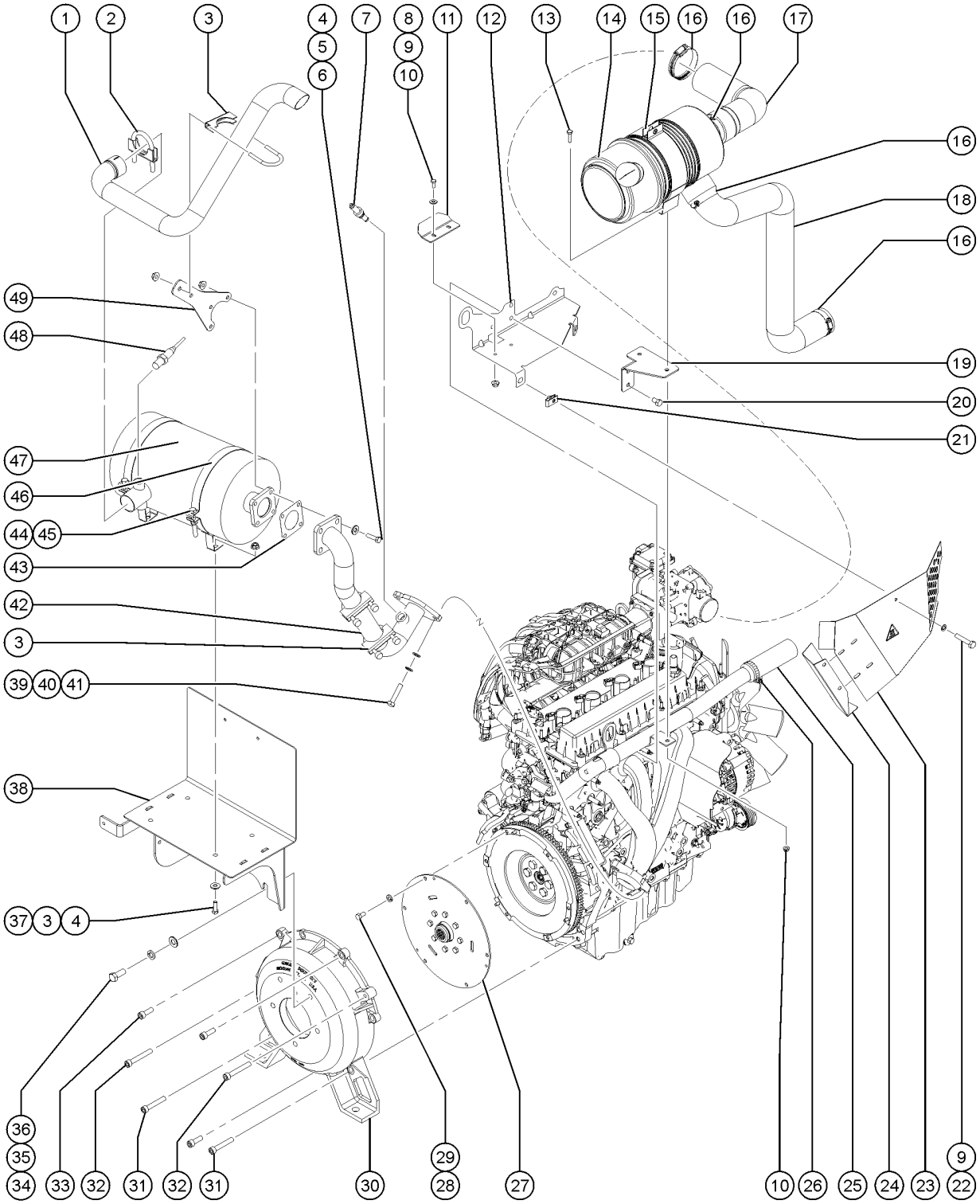
417.1 Ford MSG-425 EFI Engine - View 3 (from SN 11789)



417.1 Ford MSG-425 EFI Engine - View 3 (from SN 11789)

Item	Part No.	Description	Qty.
1	237252GT	TAILPIPE, Z60 MSG425	
2	102121GT	CLAMP,MUFFLER,1-7/8 IN.	1
3	32064GT	CLAMP,MUFFLER,1.75 INCH	3
4	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	
5	5397GT	WASHER, FLAT, USS, 5/16-18	
6	13000GT	SCREW,HHC,5/16-18 X 1.25	
7	215320GT	SENSOR, O2, MSG425	1
8	6099GT	CABLE ASSEMBLY SL 408"	
9	6638GT	WASHER, FLAT, USS, 1/4"Y	
10	18504GT	NUT,LOCKING-LG.FLANGE,1/4-20	
11	218742GT	FORMING,MFLD GUARD,MSG425 from SN 12342	
12A	216368GT	FORMING,HEAT SHIELD MOUNT to SN 12341	1
12B	218668GT	FORMING, HEAT SHIELD MOUNT from SN 12342	
13	6888GT	SCREW, HHC, 1/4-20 X 1	
14	111634GT	AIR CLEANER,FORD,T3	1
14-	111634GT	AIR CLEANER,FORD,T3	
14-	227988GT	VACUATOR VALVE	
14-	77295GT	FILTER ELEMENT,AIR,NOLFF LPG	
14-	58247GT	AIR CLEANER CAP/ FORD/NOLFF***	
14-	38922GT	ELBOW,90DEG.1/8MPT-5/16 BARB	
15	53952GT	BRKT,AIR CLEANER ORIENTATION**	1
16	45435GT	CLAMP,HOSE,2.50"	4
17	237146GT	HOSE, CLEAN AIR, MSG425	1
18	235659GT	HOSE, RAW AIR, MSG425	1
19	216367GT	REF. FORMING,AIR CLEANER MOUNT	1
20	33681GT	SCREW,HHC,3/8-16 X .625	
21	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
22	7339GT	SCREW,HHC,1/4-20 X .5	

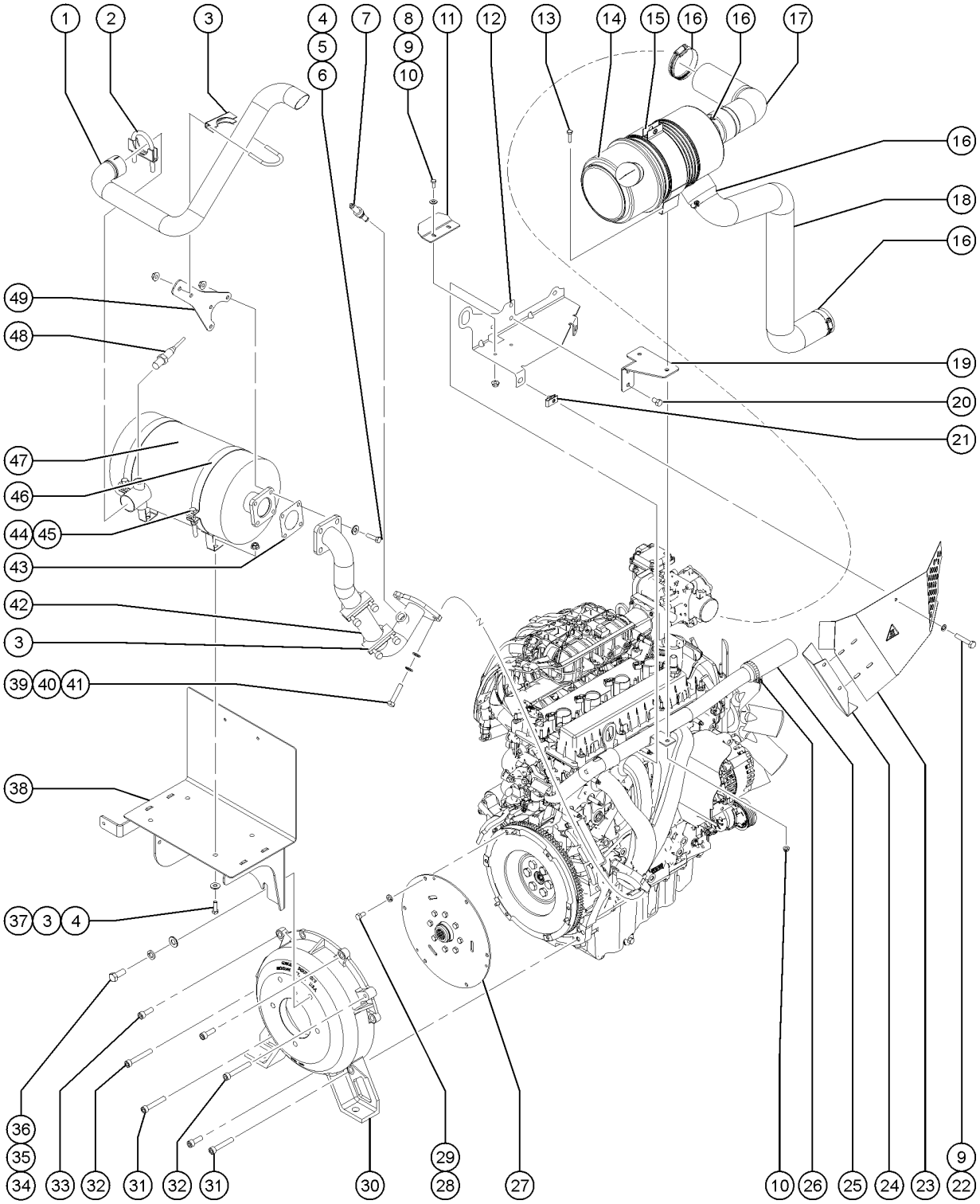
417.1 Ford MSG-425 EFI Engine - View 3 (from SN 11789)



417.1 Ford MSG-425 EFI Engine - View 3 (from SN 11789)

Item	Part No.	Description	Qty.
23A	236341GT	HEAT SHIELD, MSG425 to SN 12341	1
23B	823729GT	FORMING, HEATSHIELD, PRIMARY from SN 12342	
24	823730GT	FORMING, HEATSHIELD, SECONDARY from SN 12342	
25	236338GT	HOSE, UPPER RADIATOR, MSG425	
26	36208GT	CLAMP,HOSE,1.25***	2
27	214446GT	COUPLER,15T,FBA,SAE 8,MSG425	1
28	49378GT	SCREW,HHC,M8 X 16	
29	6021GT	WASHER, LOCK, .375	
30	119052GT	PUMP MOUNT,FORD DSG423	1
31	111748GT	SCREW,SHC,M10X1.5 X 60 GR8.8	2
32	215544GT	SHCS, M10-1.5X70MM, CL12.9	2
33	61110GT	SCREW,SHC,M10X1.5X30 GR 12.9	3
34	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
35	6033GT	WASHER,LOCK,0.5"	
36	13066GT	WASHER,FLAT,.5 HARDENED	
37	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
38	215709GT	WELDMENT,CAT MOUNT,MSG425	
39	128061GT	SCREW, HHC, M10 X 1.5 X 50	
40	22700GT	WASHER,LOCK,M10	
41	22699GT	WASHER, FLAT, M10, ZINC PLTD.	
42A	110407GT	WELDMENT,HEADER PIPE to SN 12341	1
42B	218576GT	WDMT,HEADER PIPE,MSG425 from SN 12342	
43	72343GT	GASKET,EXH FLANGE-FORD/PERKINS	1
44	14033GT	SCREW, HHC, 3/8-16 X 2.75	2
45	4828GT	NUT, NYLOCK, 3/8-16	
46	119051GT	MOUNTING BAND,MUFFLER,8.0"	2
47	215528GT	WDMT, CAT. MUFFLER, MSG425	
48	139610GT	SENSOR,AIR,CAT MONITOR	1

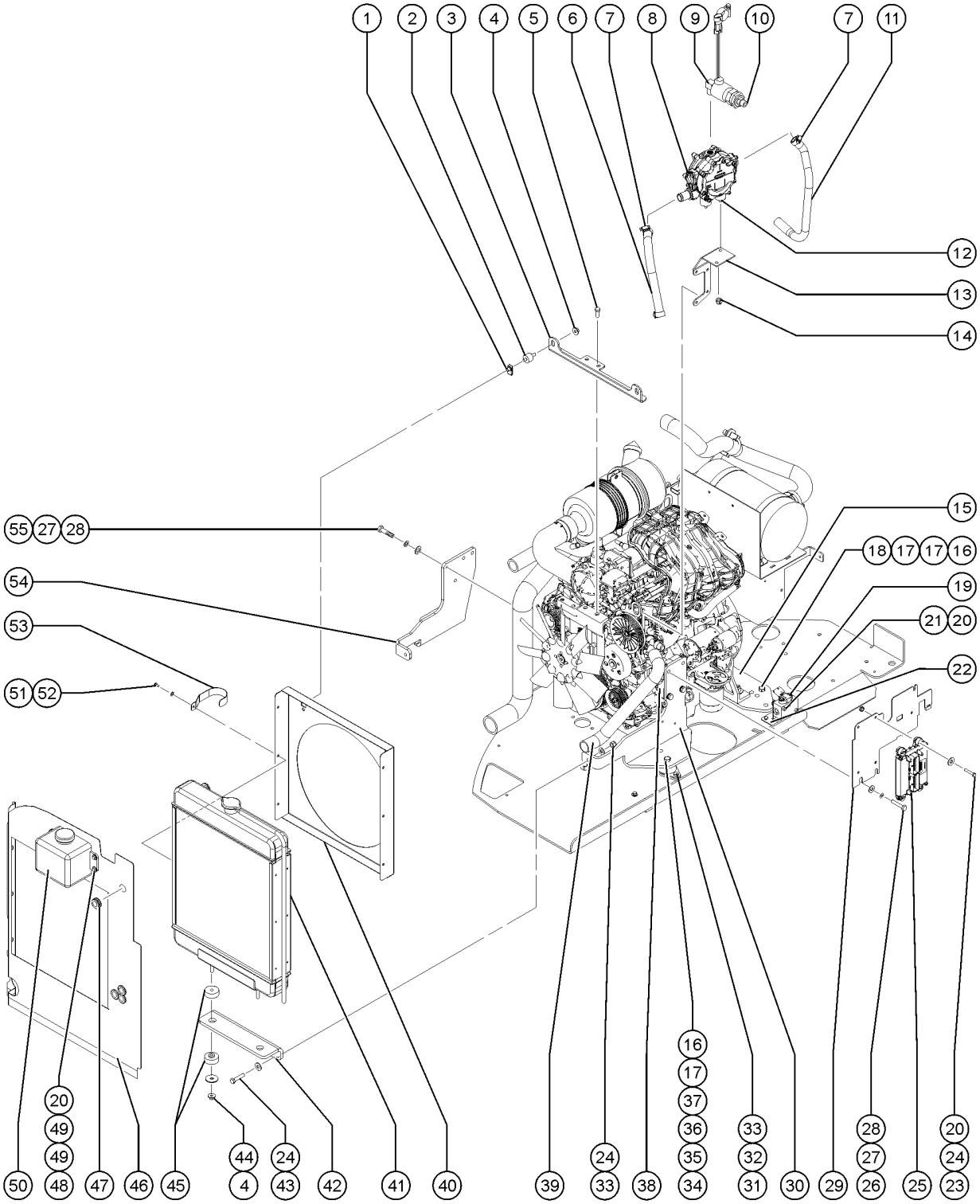
417.1 Ford MSG-425 EFI Engine - View 3 (from SN 11789)



417.1 Ford MSG-425 EFI Engine - View 3 (from SN 11789)

Item	*Part No.*	*Description*	*Qty.*
49	236832GT	TAILPIPE MOUNT , S40 MSG425	1

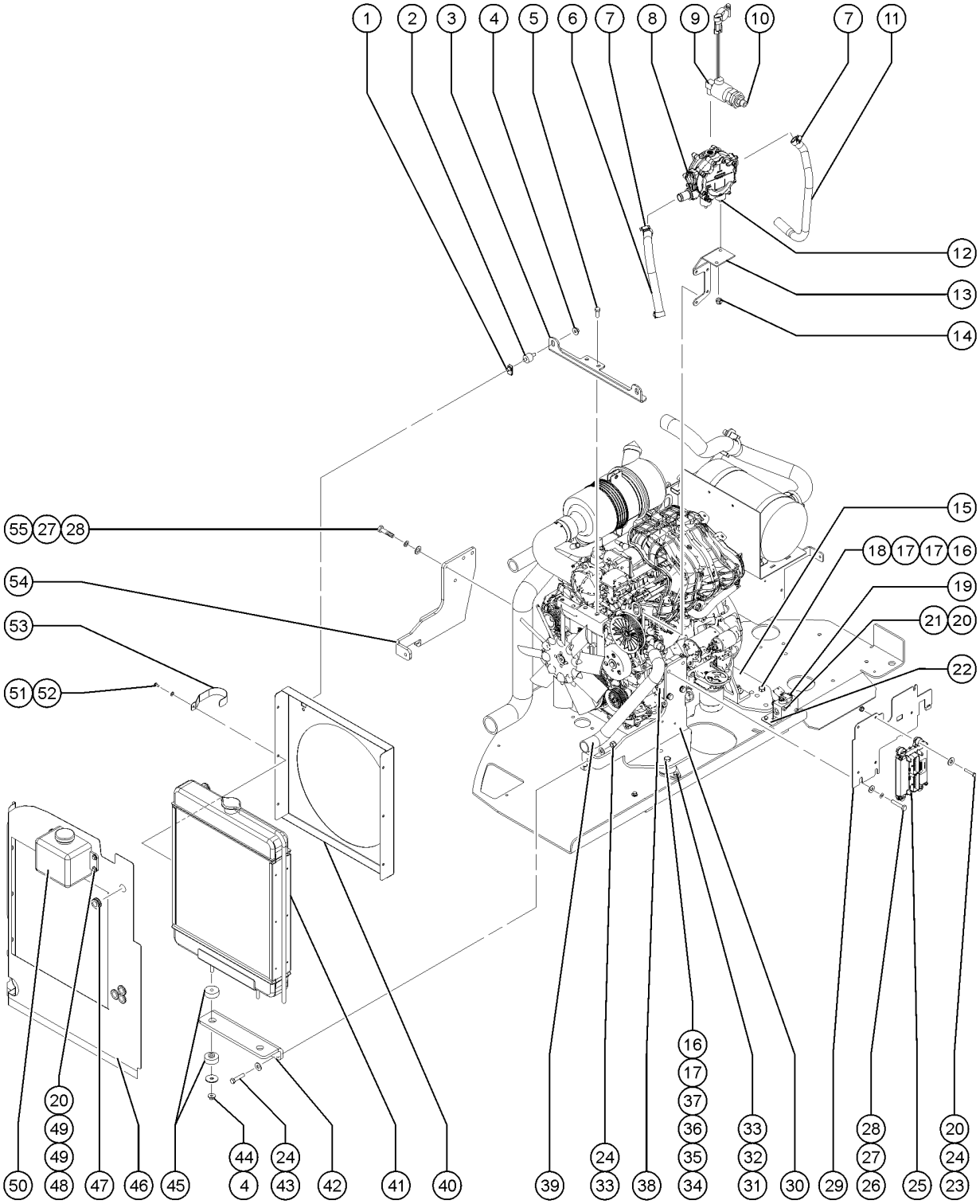
418.1 Ford MSG-425 EFI Engine - View 4 (from SN 11789)



418.1 Ford MSG-425 EFI Engine - View 4 (from SN 11789)

Item	Part No.	Description	Qty.
1	36456GT	SPRING CLIP,5/16-18,.025-.15X.83,ZAG	2
2	219437GT	ISOLATOR,VIBRATION	2
3	237780GT	FORMING, RAD SUPPORT, MSG425	1
4	48425GT	NUT,FLG-LRG,3/8-16,YZ	
5	49381GT	SCREW,HHC,M12 X 30	
6	1702GT	HOSE-HEATER,5/8 ID-BLACK	1
7	46131GT	CLAMP,HOSE,.63" - 1.0" X .5"	4
8	215316GT	REGULATOR, LP, MSG425	1
8-	219477GT	ISOLATOR, DEPR	
9	119232GT	LOCKOFF,LP,FORD DSG/MSG	1
10	19358GT	CONNECTOR,010102-6-4	10
11	236340GT	HOSE, COOLANT, VAP, MSG425	1
12	219477GT	ISOLATOR, DEPR	2
13	236423GT	FORMING, LP REG MOUNT, MSG425	1
14	219478GT	FLANGE NUT, MSG425	
15	236422GT	ENGINE MOUNT, REAR, MSG425	
16	6198GT	NUT, NYLOCK, 1/2-13	
17	6095GT	WASHER,FLAT,USS,1/2",Y	
18	22788GT	SCREW,HHC,1/2-13 X 1.75	
19	119170GT	FUEL SENSOR ASSY.	1
20	6091GT	NUT,NYLOCK,1/4-20	
21	4266GT	SCREW,HHC,1/4-20 X 2	
22	111699GT	FORMING,FUEL PRES.REG MNT to SN 12341	1
22-	219474GT	FORMING, FUEL BLOCK, Z60 from SN 12342	
23	6145GT	SCREW, HHC, 1/4-20 X 1.5	
24	6097GT	WASHER, FLAT, USS, 3/8", Y	
25	215317GT	CONTROL MODULE, MSG425 original ECM; component no longer available limited inventory on hand	1
25B	1294827GT	CONTROL MODULE, MSG425 replacement ECM	1

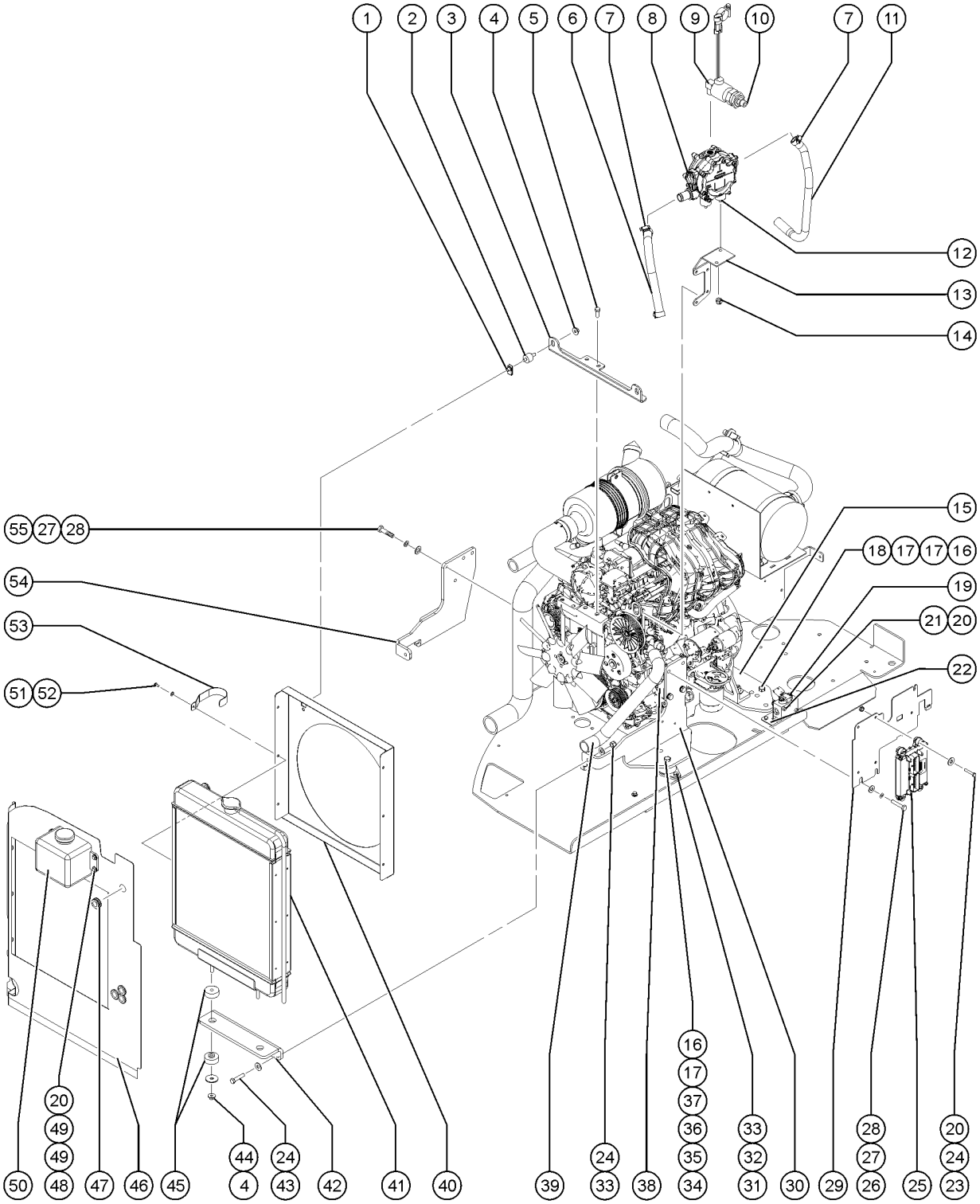
418.1 Ford MSG-425 EFI Engine - View 4 (from SN 11789)



418.1 Ford MSG-425 EFI Engine - View 4 (from SN 11789)

Item	Part No.	Description	Qty.
26	25927GT	SCREW,HHC,3/8-16X1.25,8,ZAG	4
27	22700GT	WASHER,LOCK,M10	8
28	22699GT	WASHER, FLAT, M10, ZINC PLTD.	8
29	236425GT	FORMING, ECU MOUNT, MSG425	1
30	236420GT	ENGINE MOUNT, LEFT, MSG425	1
31	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
32	5397GT	WASHER, FLAT, USS, 5/16-18	
33	4828GT	NUT, NYLOCK, 3/8-16	
34	39479GT	SCREW,HHC,1/2-13 X 2.75	
35	70452GT	ISOLATOR,ENGINE VIBRATION	4
36	216167GT	SPACER,ISOLATOR,MSG425	4
37	102066GT	CASTING,WASHER,REBOUND	
38	110477GT	PLATE,ENGINE SUPPORT SPACER	1
39	236339GT	HOSE, LOWER RADIATOR, MSG425	1
40	236364GT	FAN SHROUD, MSG425	1
41A	110406GT	RADIATOR,FORD DSG423 & MSG425	1
41B	119484GT	CAP,COOLANT 3/4	
42	110417PGT	FORMING,RADIATOR SUPPORT,PNTD	
43	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	
44	15086GT	WASHER,FLAT,.375 X 1.5 X .125	
45	24038GT	SHOCK MOUNT,SMALL	4
46	237453GT	SHROUD, RAD, Z60 MSG425	1
47	60584GT	GROMMET,RUBBER .75 X .19 X 1**	
48	6090GT	SCREW, HHC, 1/4-20 X .75	
49	6638GT	WASHER, FLAT, USS, 1/4"Y	
50	1279268GT	BOTTLE, COOLANT RECOVERY, 2QT	
50-	19018GT	TRIMLOCK,BLACK,5/32"	22
50-	21465GT	CLAMP,HOSE, .25" TO .63" X .3125"	

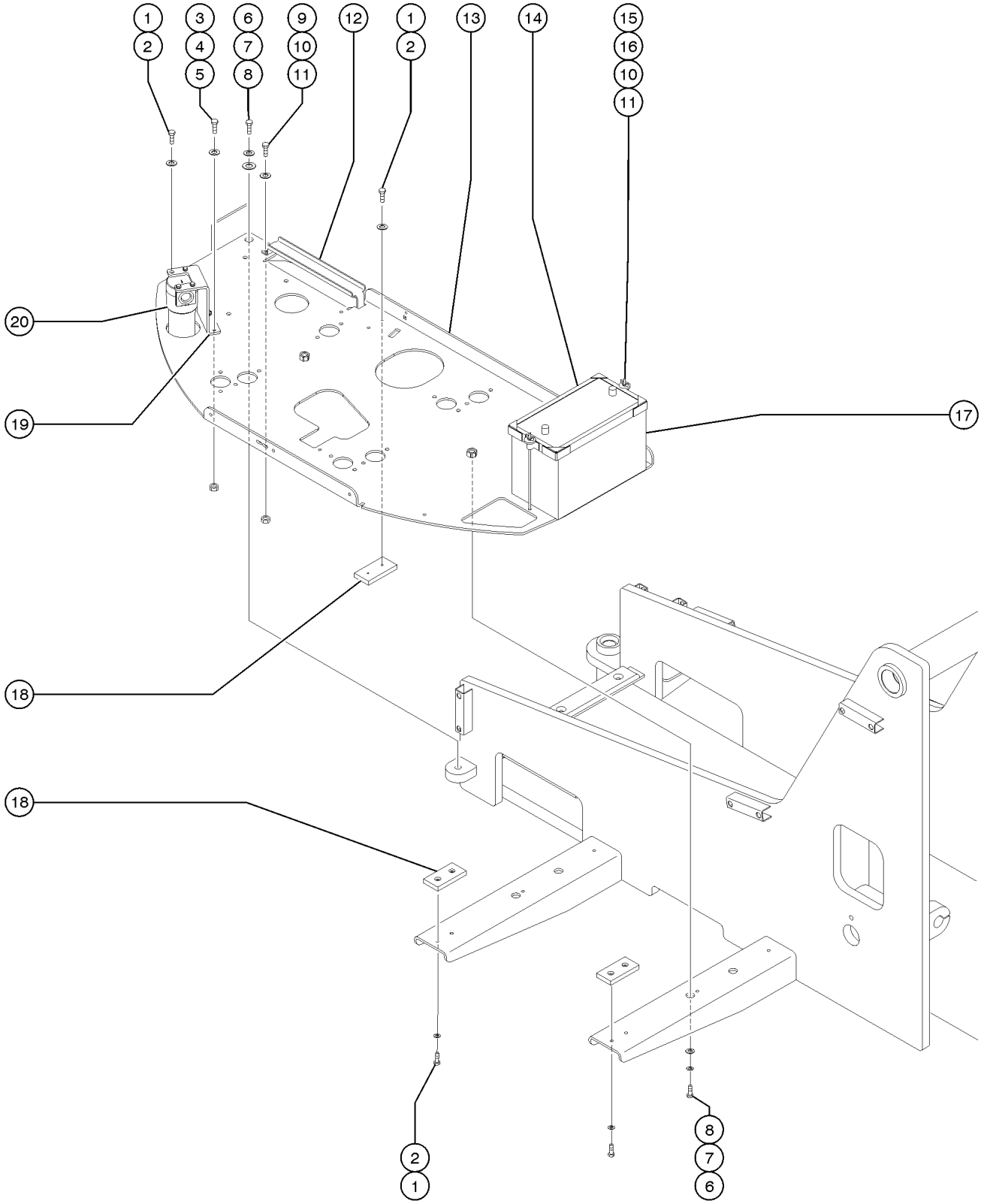
418.1 Ford MSG-425 EFI Engine - View 4 (from SN 11789)



418.1 Ford MSG-425 EFI Engine - View 4 (from SN 11789)

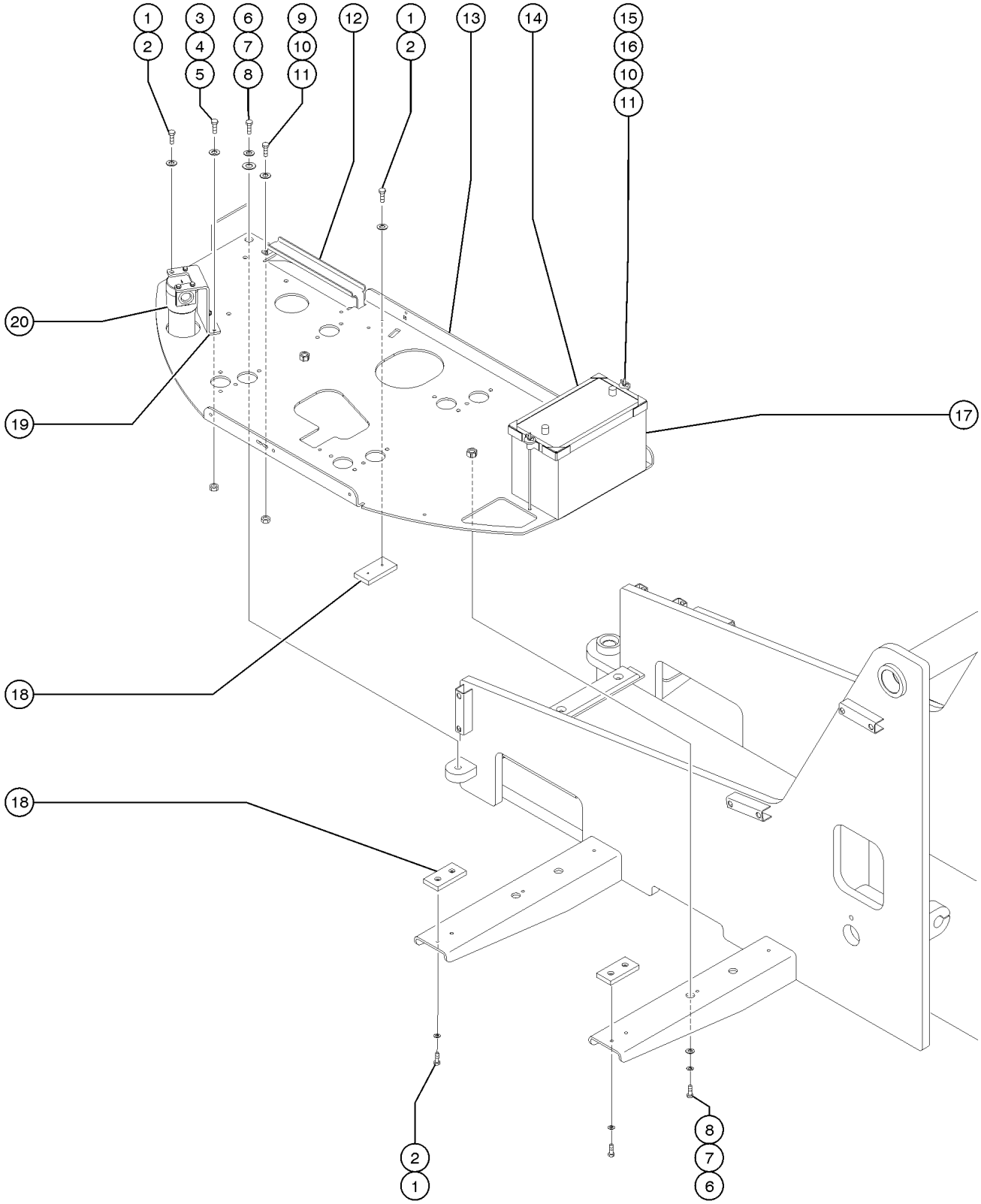
Item	*Part No.*	*Description*	*Qty.*
50-	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	
50-	72327GT	CAP, COOLANT RET SYS(54071)	
50-	106226GT	TUBING,VINYL,1/2" CLEAR	
51	21019GT	SCREW,PHIL,PHM,10-24 X.5,SEMS	
52	6146GT	WASHER,FLAT,MS,#10,Y	
53	237385GT	HOSE HANGER, MSG425	2
54	236421GT	ENGINE MOUNT, RIGHT, MSG425	
55	44064GT	SCREW,HHC,M10 X 30MM,	4

419.1 Engine Tray and Battery



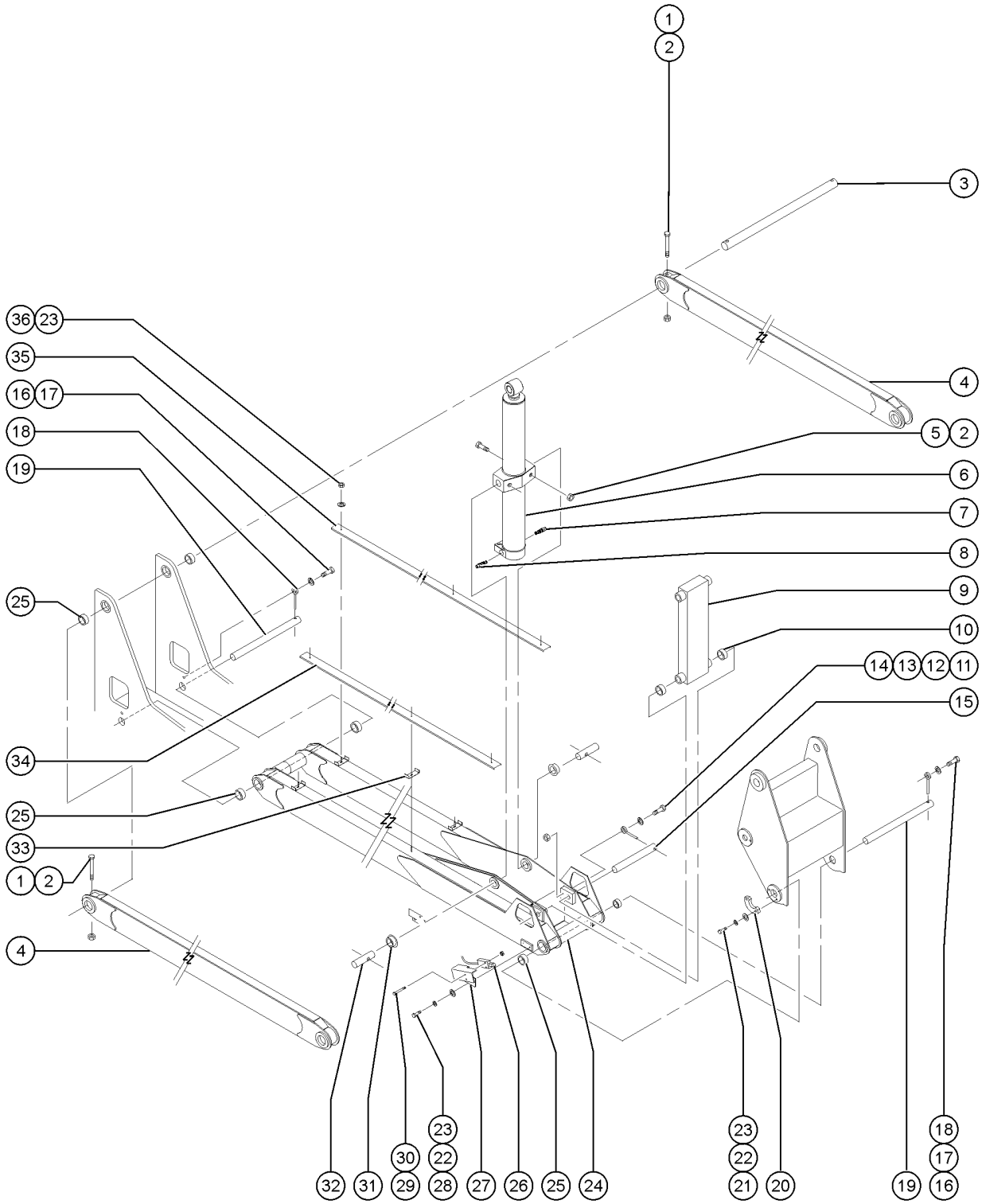
Item	Part No.	Description	Qty.
A-	60334GT	FILTER ASSY,HIGH PRESS SAE-12*	
B-	60857GT	FILTER,ELEMENT,BETA(5)=1000	
C-	58222GT	O-RING,FILTER ASSY (60334)***	
D-	58223GT	SEAL,FILTER ASSY (60334)***	
E-	58380GT	FILTER INDICATOR-(60334)	
1	6090GT	SCREW, HHC, 1/4-20 X .75	
2	6356GT	WASHER, LOCK, .25	
3	6019GT	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	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8	3
7	6036GT	WASHER,LOCK,.625 PLTD	
8	13064GT	WASHER,FLAT,.625 HARDENED	3
9	6888GT	SCREW, HHC, 1/4-20 X 1	
10	6638GT	WASHER, FLAT, USS, 1/4"Y	
11	6091GT	NUT,NYLOCK,1/4-20	
12	89672PGT	FORMING,HYD. HOSE RESTRAINT	1
13	75650-SGT	WELDMENT PLATE ENGINE TANK Deutz and Perkins Models; to SN 4607	1
13-	89954GT	WELDMENT,ENGINE TRAY,Z60 Ford Models; to SN 4555	
13-	102352GT	WELDMENT,ENGINE TRAY,Z60 Deutz and Perkins Models; from SN 4608	
13-	102352GT	WELDMENT,ENGINE TRAY,Z60 Ford Models; from SN 4556	
14	30144GT	BATTERY HOLD DOWN,GROUP 31	1
15	30784-975GT	THREADED ROD,(1/4-20),9.75	2
16	8170GT	NUT,WING,1/4-20	
17	122754GT	CABLE,#4GA,POS.AUX,RED,108"	
17-	1303581GT	BATTERY, 12V, 950CCA, FLA	1
17-	49869GT	CORROSION INHIBITOR COATING	
17-	122056GT	BATTERY CABLE,1/0 GA,RED 45" Perkins Models	

419.1 Engine Tray and Battery



Item	Part No.	Description	Qty.
17-	122057GT	BATTERY CABLE,1/0 GA,BLK 48" ..... Perkins Models	
17-	122058GT	BATTERY CABLE,1/0 GA,BLK 30" ..... Deutz Models; to SN 4607	
17-	89651GT	BATTERY CABLE,2/0,POS.RED,45" ..... Deutz Models; from SN 4608	
17-	122058GT	BATTERY CABLE,1/0 GA,BLK 30" ..... Deutz Models; from SN 4608	
17-	89651GT	BATTERY CABLE,2/0,POS.RED,45" ..... Ford Models	
17-	81563GT	BATT.CABLE,2/0,BLACK,48" ..... Ford Models	
18	30271GT	PAD,ENGINE SLIDE ..... to SN 4607	2
18-	45209GT	WEAR PAD,4X2X.5 W/INSERT*** ..... from SN 4608	4
19	30230P-SGT	FILTER MOUNT BRACKET	1
19-	102100PGT	FORMING,FILTER BRACKET,PAINTED ..... from SN 4608	
20		FILTER ASY,M PRESS,SAE8,WOIND* (77139) ..... component no longer available use 1267807	1
20-	60857GT	FILTER,ELEMENT,BETA(5)=1000 ..... for 77139	
20A	1267807GT	ASSEMBLY, MED. PRESS. FILTER, SAE8	
20A-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS ..... for 1267807	

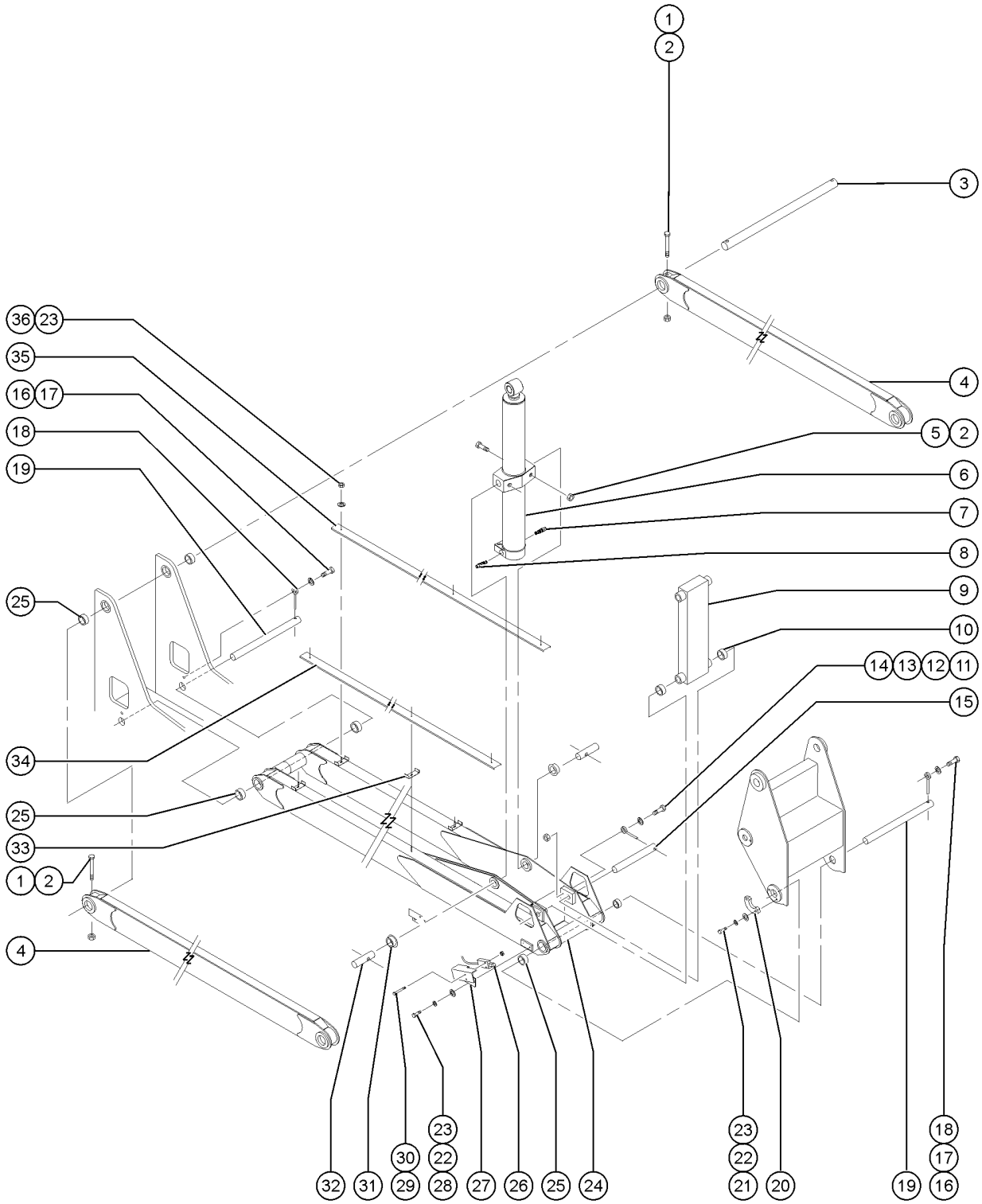
501.1 Secondary Boom - View 1



501.1 Secondary Boom - View 1

Item	Part No.	Description	Qty.
1	5387GT	SCREW,HHC,3/8-16 X 4	
2	7713GT	NUT, LP NYLOCK, 3/8-16	
3	30198GT	PIN,2.25DIAX31.75LG,2HOLE	2
4	30050-SGT	LOWER TENSION MEMBER WELDMENT	2
5	12981GT	SCREW,HHC,3/8-16 X 4.5	
6		CYLINDER, SECONDARY LIFT Z60 previous cylinders 63208 and 121854 are no longer available. For replacement order cylinder part 1264387	1
6A-	1264387GT	CYLINDER, SECONDARY LIFT Z60	
6B-	63348GT	SEAL KIT,CYL,Z60 (63208) used with cylinders 63208, 121854 and 126437	
6C-	31310GT	BEARING,GARLOCK,28DU24 used with cylinders 63208 and 121854	1
6D-	1262633GT	BUSHING,POLYGON,BM5120 used with cylinder 126437	
7	40405GT	VALVE,CNTERBAL.CBBB-LHN@3000** used with cylinder 121854 and 1264387 (Extend)	
8	32722GT	VALVE,COUNTERBAL.CBCG-LJN@3000 used with cylinder 121854 and 1264387 (Retract)	
9	31306GT	CONNECTING LINK ASSY includes item 10	
10	30222GT	BEARING,FL,1.25IDX1.41ODX1.50L	1
11	6326GT	SCREW,HHC,3/8-16 X 3	4
12	5397GT	WASHER, FLAT, USS, 5/16-18	
13	825019GT	ROD END, .375X3.69, ZAG	
14	4828GT	NUT, NYLOCK, 3/8-16	1
15	30202GT	PIN,1.25DIAX14.12LG,1HOLE	2
16	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
17	6033GT	WASHER,LOCK,0.5"	
18	1256267GT	ROD END,.5 X 3.75,ZAG	2
19	30201GT	PIN,2.25DIAX24.63LG,1HOLE	2
20	46005GT	LOWER LIMIT SWITCH CAM	1
21	6888GT	SCREW, HHC, 1/4-20 X 1	
22	6356GT	WASHER, LOCK, .25	
23	6638GT	WASHER, FLAT, USS, 1/4"Y	
24	102984GT	LOWER SEC. BM ASSY W/ WORD DEC includes items 25 and 31	1

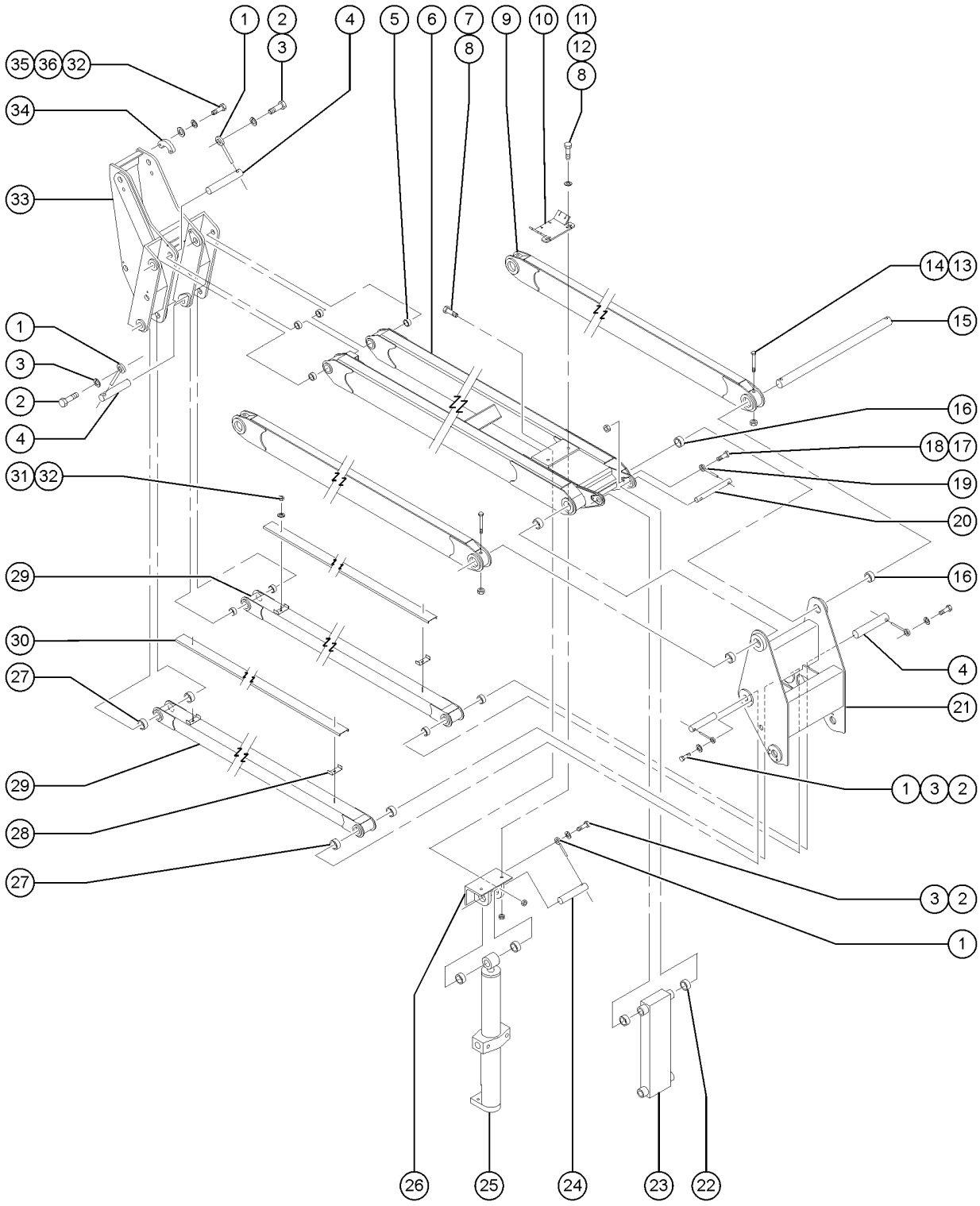
501.1 Secondary Boom - View 1



501.1 Secondary Boom - View 1

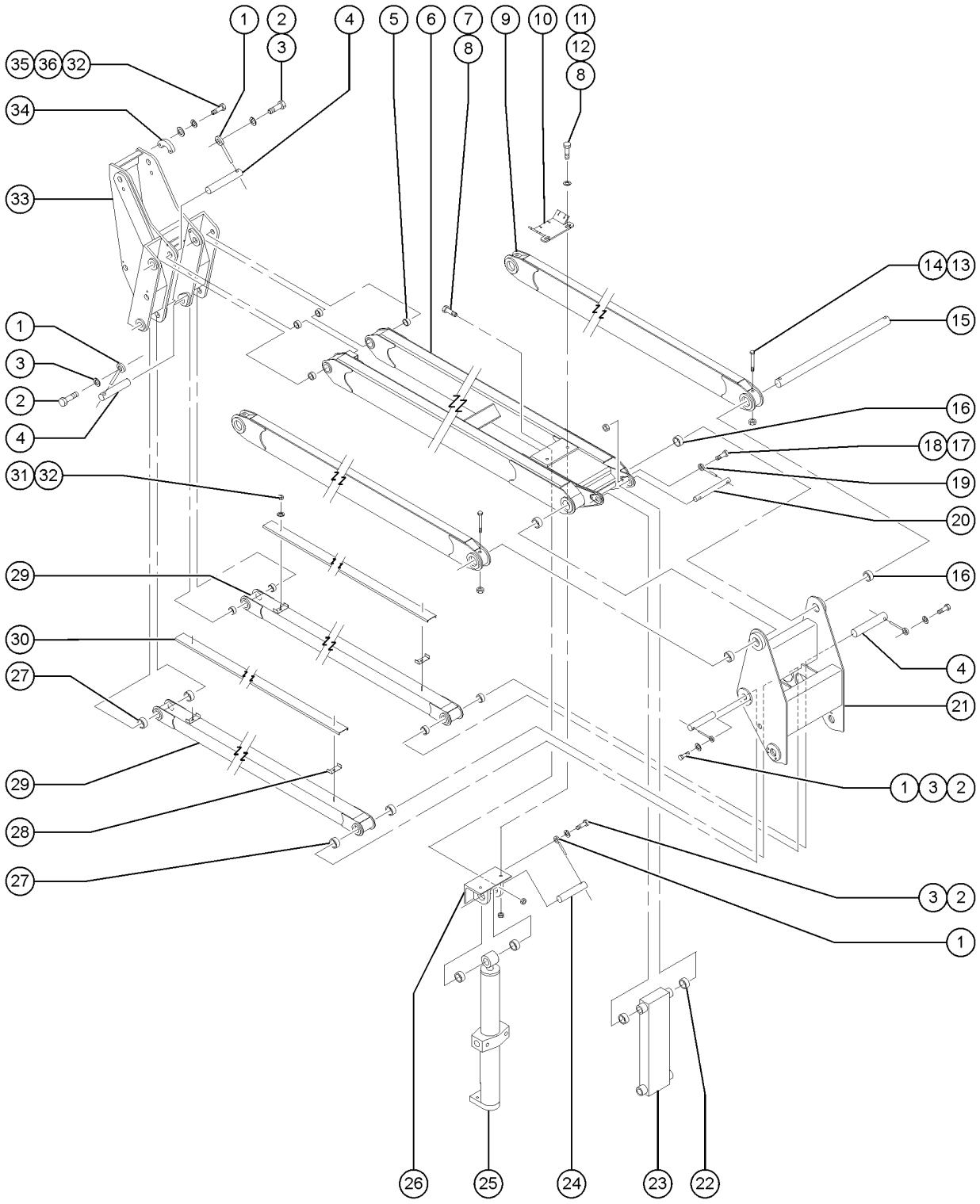
Item	Part No.	Description	Qty.
24-	102985GT	LOWER SEC BM ASSY W/SYM DECALS includes items 25 and 31	
25	18722GT	BEARING,2.25IDX2.50ODX1.50L***	6
26	102174GT	HARNESS,SECONDRY BOOM STOW,Z60	1
26-	88356-146R3GT	SWITCH,LIMIT,W/ROLLER ARM	
26-	110650GT	CONN. SQZ PG11 .30-.40 W/ORING	
26-	19491GT	CONTACTOR,LIMIT SWITCH	
27	226419GT	BRKT.,LWR LIMIT SWITCH	1
28	8914GT	SCREW, HHC, 1/4-20 X .625	
29	22541GT	SCREW,RHM,10-32 X 1.5	
30	6178GT	NUT, NYLOCK, 10-32	
31	27695GT	BEARING,FL,1.75IDX1.94ODX1.50L	2
32	30199GT	PIN,1.75 DIAX4.50LG,THREADED	2
33	102776PGT	CABLE COVER CLIP,PNTD	14
34	102774PGT	COVER,CABLE,TANK SIDE,LH,PNTD ground controls/tank side	1
35	102775PGT	COVER,CABLE,ENGINE SIDE,RH,PTD engine side	1
36	6091GT	NUT,NYLOCK,1/4-20	

502.1 Secondary Boom - View 2



Item	Part No.	Description	Qty.
1	1256267GT	ROD END,.5 X 3.75,ZAG	5
2	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
3	6033GT	WASHER,LOCK,0.5"	
4	30193GT	PIN,1.75DIAX8.50LG,1HOLE	5
5	119620GT	BEARING,1.75IDX2.00ODX1.50L	12
6	111373GT	Z60 UPPER SECONDARY BOOM ASSY (includes items 5 and 16)	
7	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8 to SN 9874	
7-	81110GT	SCREW,HHC,5/8-11 X 2 GRD.8 from SN 9875	
8	6024GT	NUT,NYLOCK,5/8-11	
9	30050-SGT	LOWER TENSION MEMBER WELDMENT	2
10		Ref. Primary Boom Rest (refer to 504.1)	
11	13003GT	SCREW,HHC,5/8-11 X 3.5 GRD.8	
12	13064GT	WASHER,FLAT,.625 HARDENED	2
13	5387GT	SCREW,HHC,3/8-16 X 4	
14	7713GT	NUT, LP NYLOCK, 3/8-16	
15	30198GT	PIN,2.25DIAX31.75LG,2HOLE	2
16	18722GT	BEARING,2.25IDX2.50ODX1.50L***	4
17	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	1
18	4828GT	NUT, NYLOCK, 3/8-16	
19	825019GT	ROD END, .375X3.69, ZAG	1
20	30202GT	PIN,1.25DIAX14.12LG,1HOLE	1
21	31309GT	LOWER MIDPIVOT ASSY,Z60 (includes item 16)	1
22	30222GT	BEARING,FL,1.25IDX1.41ODX1.50L	4
23	31306GT	CONNECTING LINK ASSY (includes item 22)	1
24	30328GT	PIN,1.75DIAX6.00LG,1HOLE	1
25		Ref. Secondary Boom Lift Cylinder (refer to 501.1)	
26		WELDMENT, CYLINDER MOUNTING no longer available	1
27	119620GT	BEARING,1.75IDX2.00ODX1.50L	12

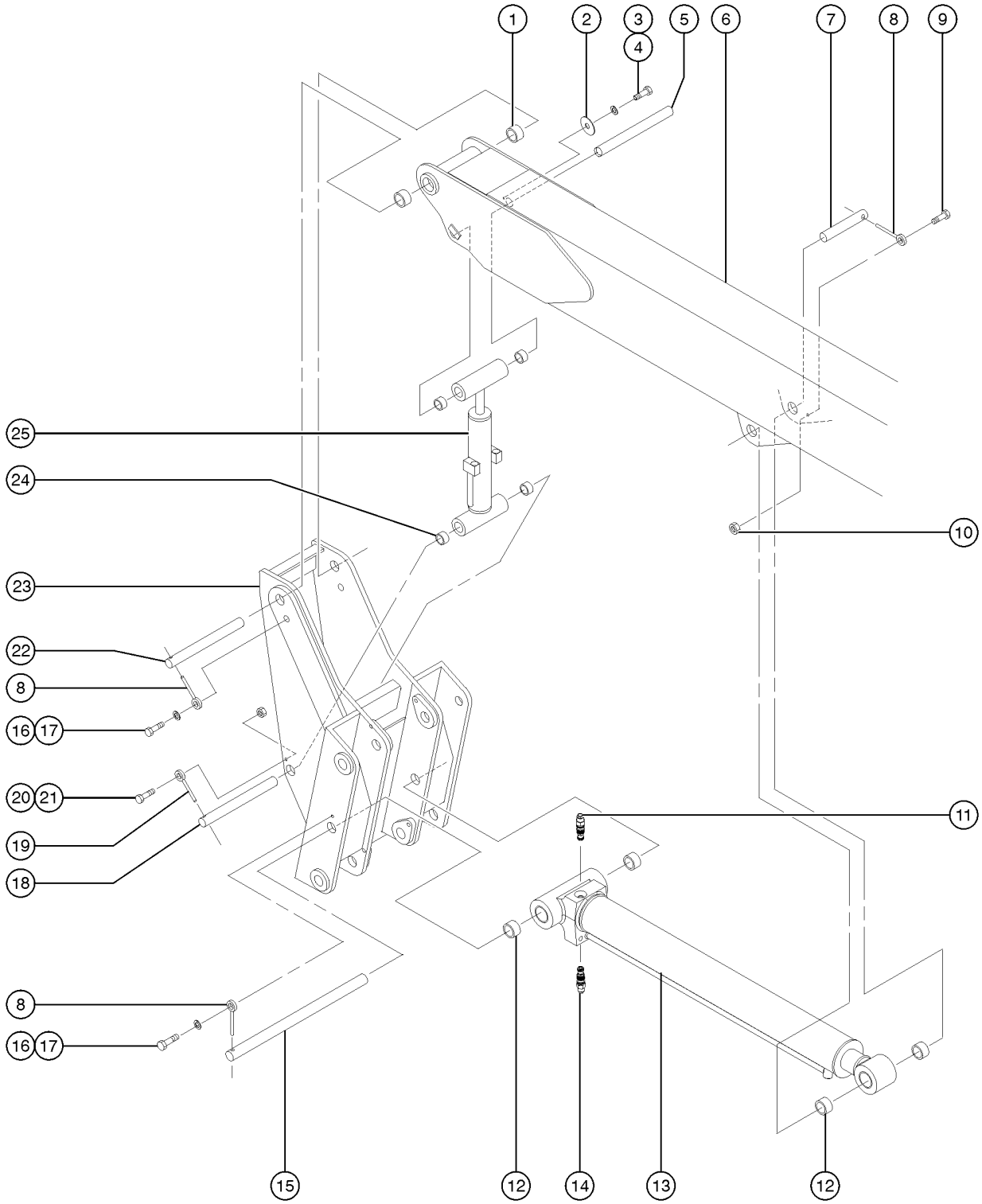
502.1 Secondary Boom - View 2



502.1 Secondary Boom - View 2

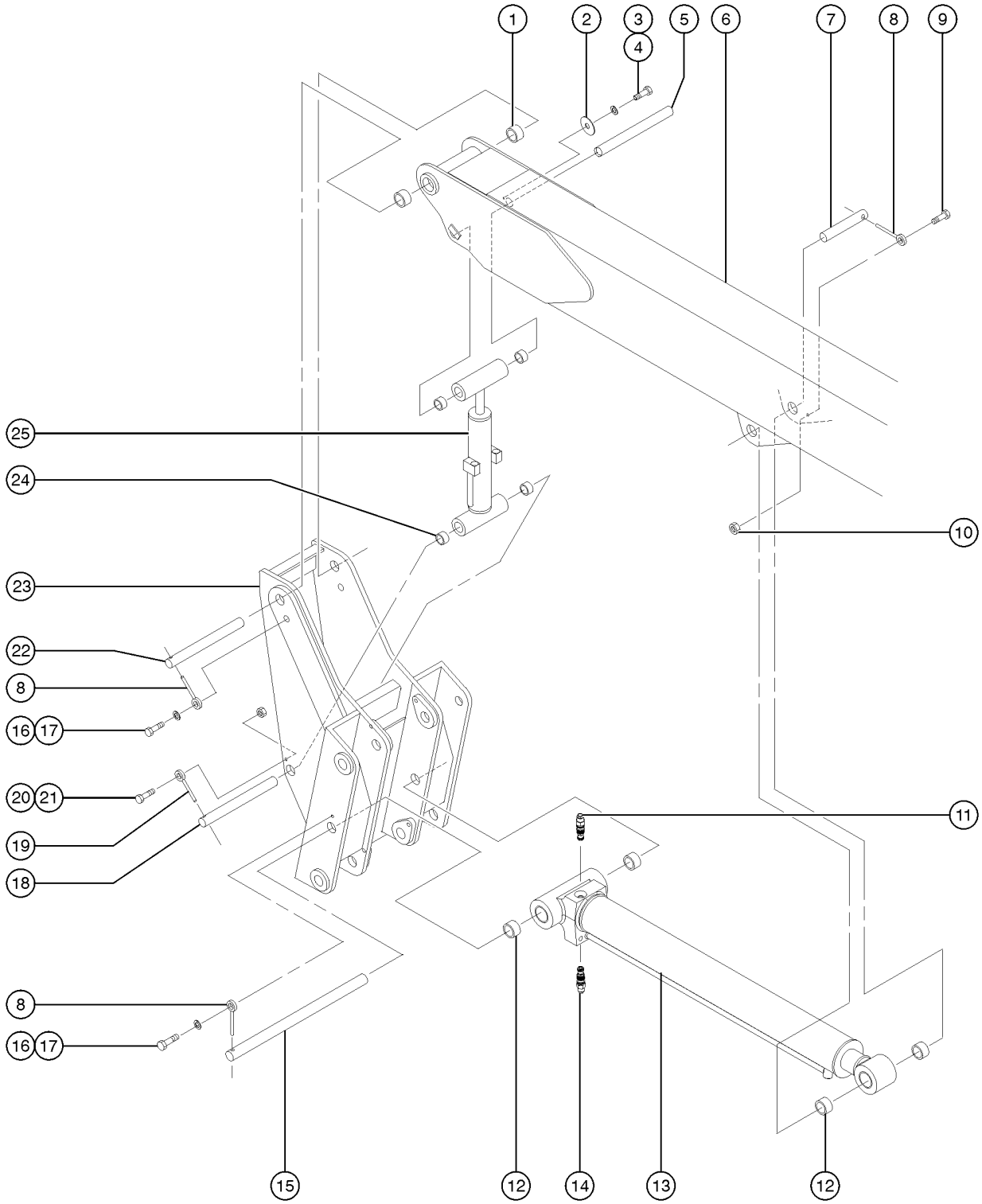
Item	Part No.	Description	Qty.
28	102776PGT	CABLE COVER CLIP,PNTD	14
29	31307GT	UPPER LEVELING LINK ASSY (includes item 5)	2
30	102773PGT	COVER,CABLE,UPR TNSN ARM,PTND	2
31	6091GT	NUT,NYLOCK,1/4-20	
32	6638GT	WASHER, FLAT, USS, 1/4"Y	
33	30052PGT	UPPER PIVOT WELDMENT,PAINTED	1
34	46004GT	UPPER LIMIT SWITCH CAM	1
35	6888GT	SCREW, HHC, 1/4-20 X 1	
36	6356GT	WASHER, LOCK, .25	

503.1 Upper Pivot



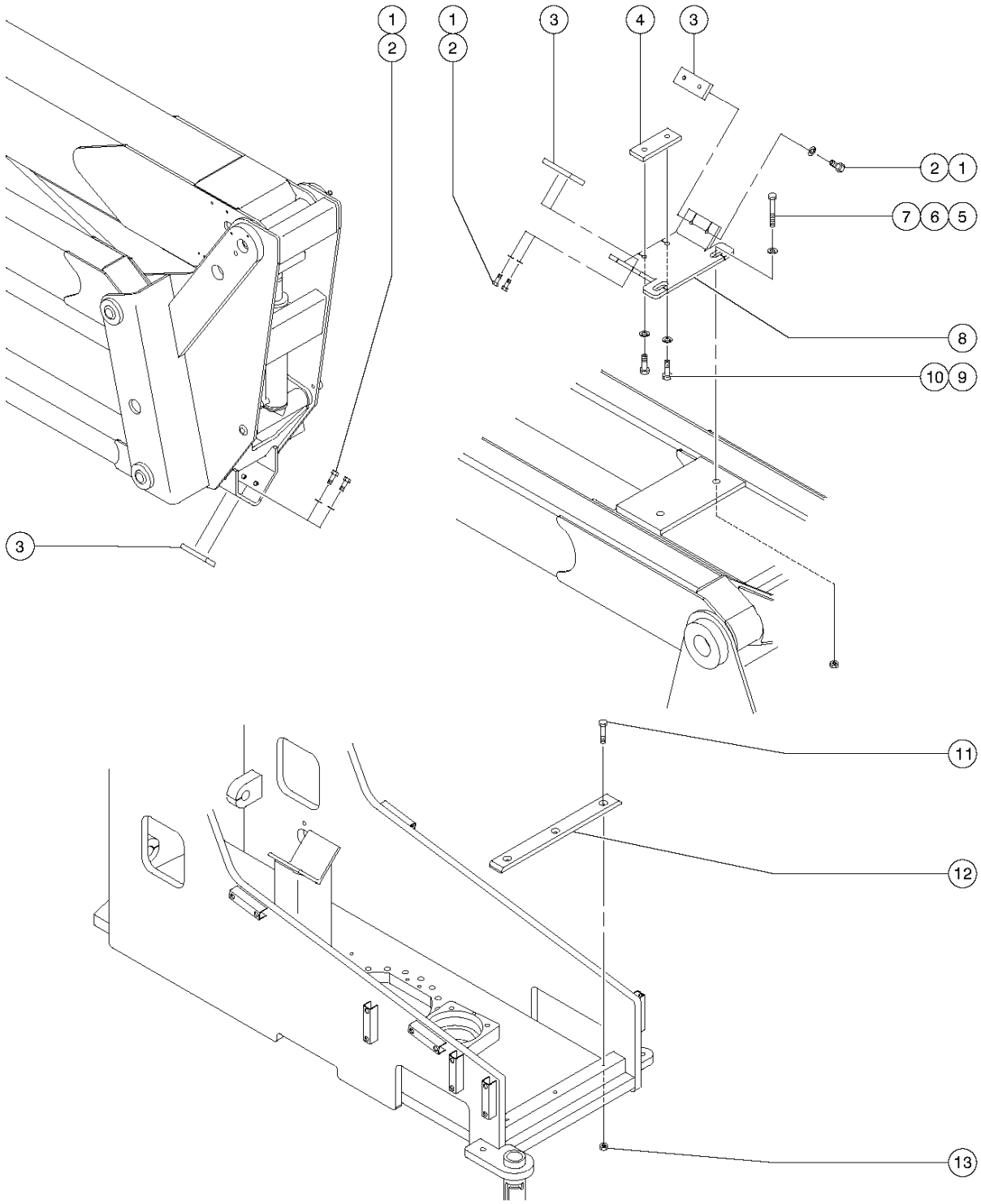
Item	Part No.	Description	Qty.
1	119620GT	BEARING,1.75IDX2.00ODX1.50L	2
2	12906GT	WASHER,FENDER,.25 X 1.25 X.062	
3	7339GT	SCREW,HHC,1/4-20 X .5	
4	6356GT	WASHER, LOCK, .25	
5	30192GT	PIN,MASTER CYLINDER	1
6		Ref. Primary Boom Tube Assembly (refer to 505.1)	
7	30194GT	PIN,1.75DIAX5.25LG,1HOLE	1
8	1256267GT	ROD END,.5 X 3.75,ZAG	3
9	6096GT	SCREW,HHC,1/2-13 X 2 GR5	
10	6198GT	NUT, NYLOCK, 1/2-13	
11	32722GT	VALVE,COUNTERBAL.CBCG-LJN@3000 use with cylinder part 121853 and 1264388	
12	31310GT	BEARING,GARLOCK,28DU24 use with cylinder part 63207 and 121853	4
12-	1262633GT	BUSHING,POLYGON,BM5120 use with cylinder part 1264388	
13		CYLINDER, LIFT Previous cylinders part 63207 and 121853 are no longer available. For replacement order cylinder part 1264388; to SN 11070	
13-	1264388GT	CYLINDER, PRIMARY LIFT Z60	
13-	63347GT	SEAL KIT CYL.Z60(63207)	
14	31106GT	VALVE,CNTERBAL,CBBB-LHN@3000** (not shown) use with cylinder part 63207; to SN 11070	
14-	40405GT	VALVE,CNTERBAL.CBBB-LHN@3000** use with cylinder part 121853 and 1264388; from SN 11071	
15	30195GT	PIN,1.75DIAX18.13LG,1HOLE	1
16	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
17	6033GT	WASHER,LOCK,0.5"	
18	30196GT	PIN,1.25DIAX11.50LG,1HOLE	1
19	825019GT	ROD END, .375X3.69, ZAG	1
20	8516GT	SCREW, HCC, 3/8-16 X 1.50	
21	4828GT	NUT, NYLOCK, 3/8-16	
22	30191GT	PIN,1.75DIAX13.50LG,1HOLE	1
23	30052PGT	UPPER PIVOT WELDMENT,PAINTED	1
24	65463GT	BEARING,GARLOCK 20DU12	4

503.1 Upper Pivot



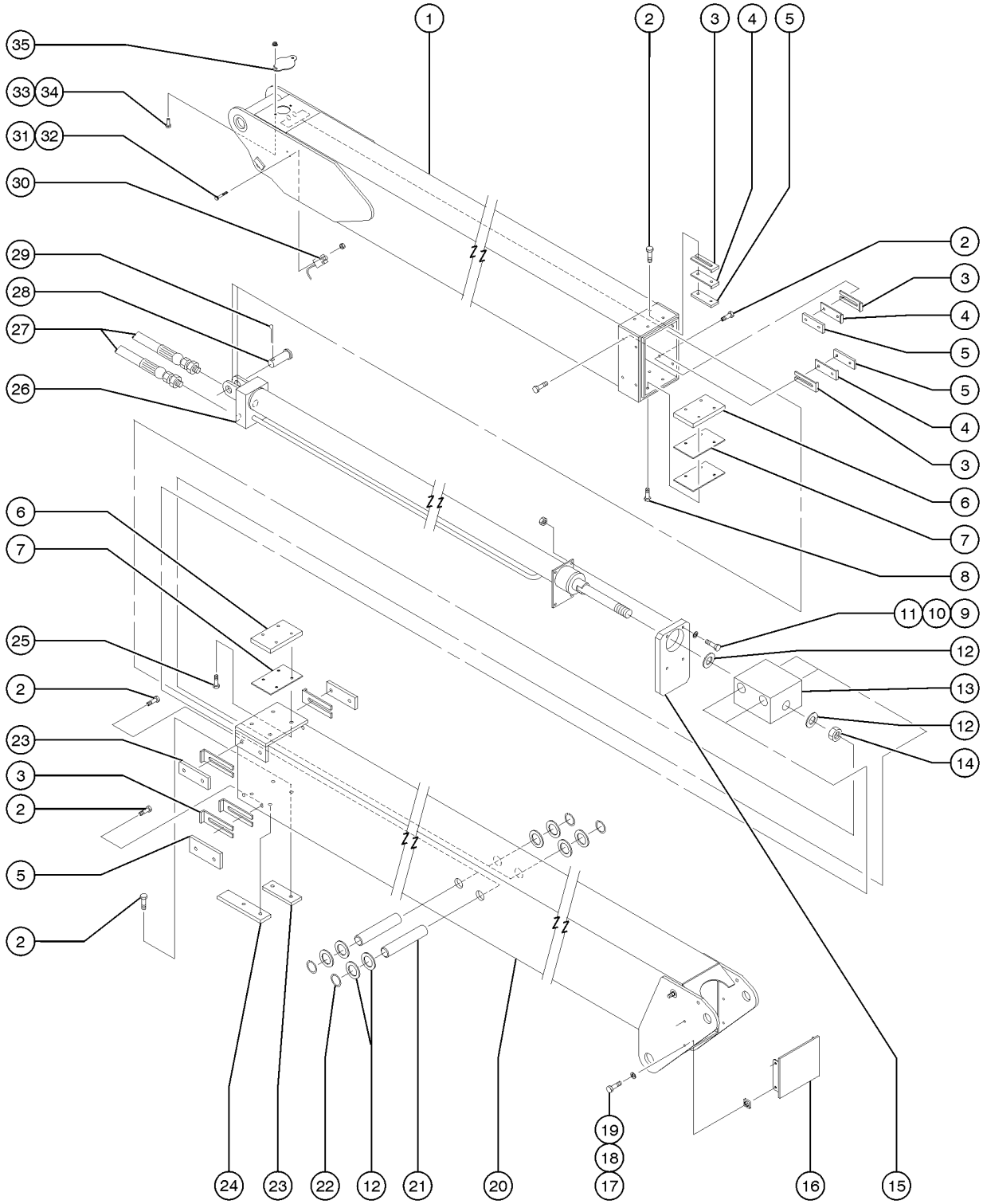
Item	*Part No.*	*Description*	*Qty.*
25	63211GT	CYLINDER, MASTER includes item 24	1
25-	63351GT	SEAL KIT,CYL,Z60 (63211)	

504.1 Upper Pivot and Primary Boom Rests



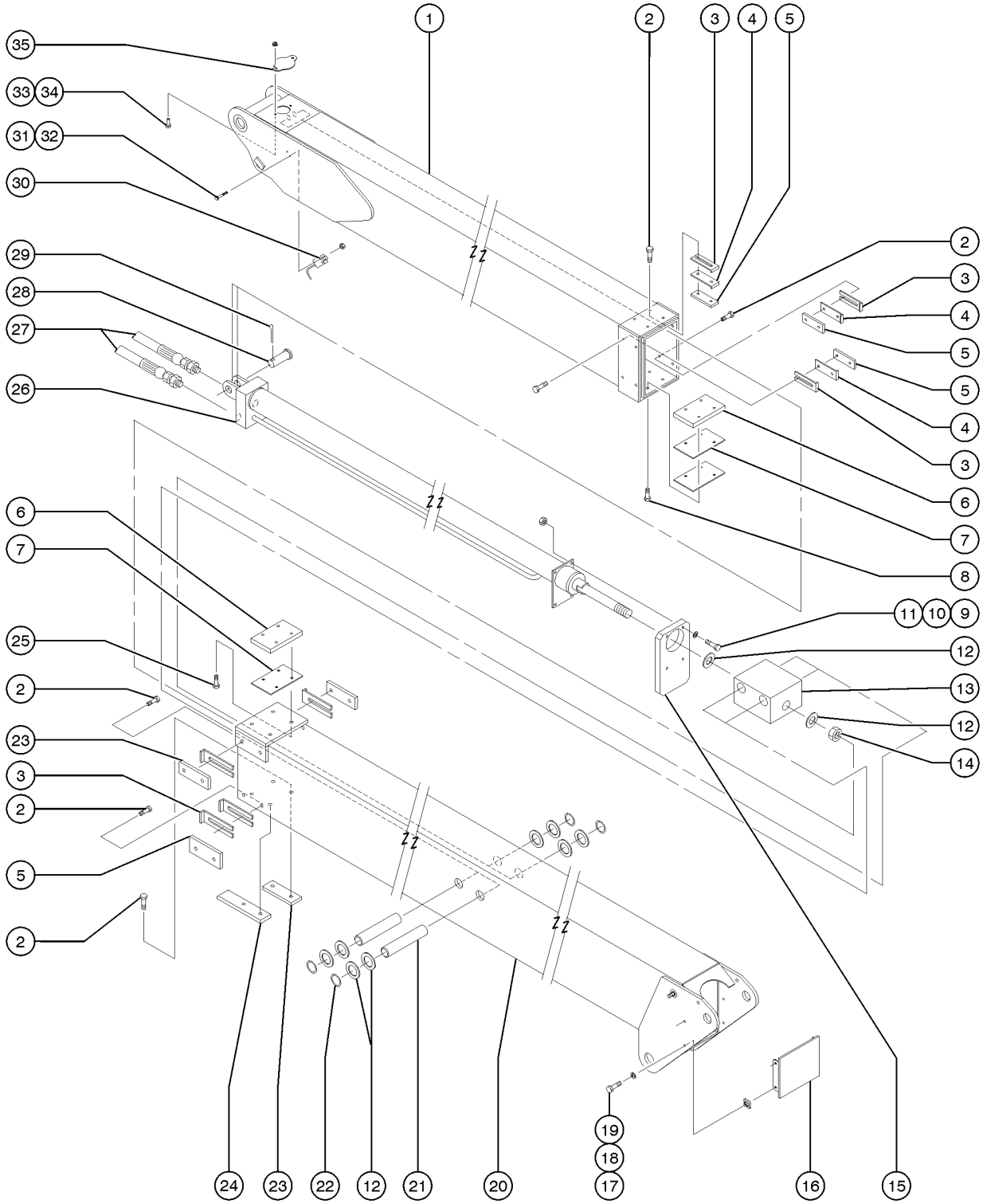
Item	*Part No.*	*Description*	*Qty.*
1	6090GT	SCREW, HHC, 1/4-20 X .75	
2	6356GT	WASHER, LOCK, .25	
3	45209GT	WEAR PAD,4X2X.5 W/INSERT***	4
4	53811GT	WEAR PAD,5X1.5X1 W/INSERTS	1
5	13003GT	SCREW,HHC,5/8-11 X 3.5 GRD.8	2
6	13064GT	WASHER,FLAT,.625 HARDENED	2
7	6024GT	NUT,NYLOCK,5/8-11	
8	30333PGT	PRIMARY BOOM REST,PAINTED	1
9	6175GT	SCREW,HHC,3/8-16 X 1	
10	6021GT	WASHER, LOCK, .375	
11	17712GT	SCREW,FHS,3/8-16 X 1.75	
12	63374GT	WEAR PAD, BOOM REST	1
13	4828GT	NUT, NYLOCK, 3/8-16	

505.1 Primary and Extension Booms



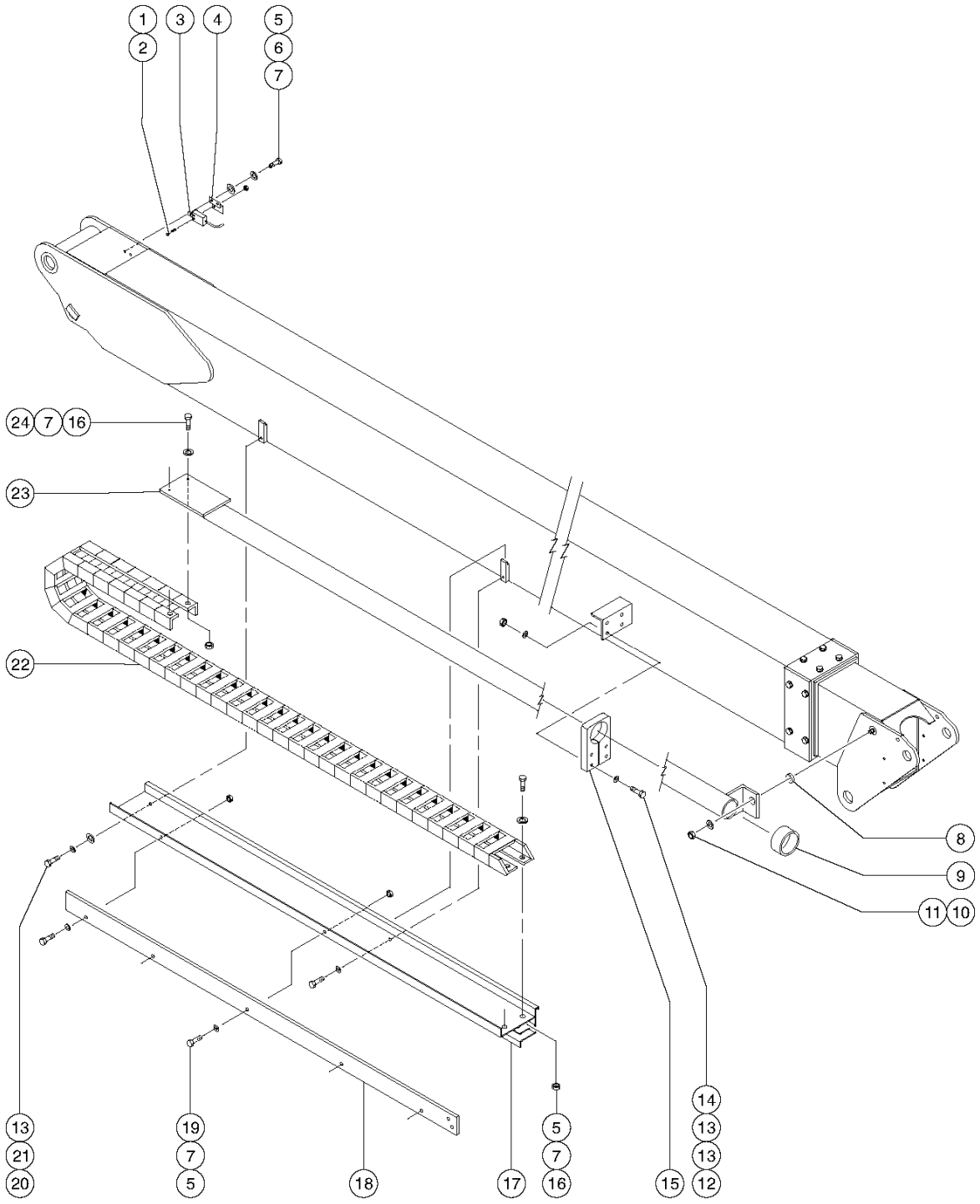
Item	Part No.	Description	Qty.
1	102986GT	PRI BOOM TUBE ASSY W/WORD DECA	1
1-	102987GT	PRI BOOM TUBE ASSY W/SYM DECAL	
2	122200GT	SCREW,FLANGE,HHC,3/8-16X 7/8	
3	29080GT	SHIM,WEAR PAD,5X 1.5 16GA	
4	38620GT	SHIM,WEAR PAD,5 X 1.5,14GA	
5	30138GT	WEAR PAD,5 X 1.5 X .625 W/NUTS	8
6	30139GT	WEAR PAD,6.5 X 5 X.625 W/INSER	2
7	30472GT	SHIM,PRIMARY BOOM,.064 THK.	
8	122201GT	SCREW,FLANGE,HHC,3/8-16X1.00	
9	8179GT	SCREW,HHC,1/4-20 X 2.25	
10	6638GT	WASHER, FLAT, USS, 1/4"Y	
11	6091GT	NUT,NYLOCK,1/4-20	
12	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	
13	30116GT	CYLINDER MOUNT BAR	1
14	45303GT	NUT,NYLOCK,1.125-12	
15	30272GT	PAD,EXTENSION CYLINDER	1
16	30021GT	EXTENSION TUBE END CAP	1
17	6888GT	SCREW, HHC, 1/4-20 X 1	
18	6356GT	WASHER, LOCK, .25	
19	25969GT	SPRING CLIP, 1/4-20 BLACK	
20	31086GT	EXTENSION BOOM TUBE ASSY,Z60	1
20-	30434GT	BEARING,1.25IDX1.50ODX0.88L	
21	30186GT	PIN,1.25DIAX6.67LG,2RING	2
22	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	4
23	30137GT	WEAR PAD,5 X 1.5 X .50 W/NUTS	3
24	63376GT	WEAR PAD, LIMIT SWITCH CAM	1
25	122198GT	SCREW,FLANGE,HHC,3/8-16X 5/8	
26	111177GT	CYL,EXT,2.5 X 112.25,Z60 replaces older cylinder 89060; from SN 5938	1

505.1 Primary and Extension Booms



Item	Part No.	Description	Qty.
26A-	89296GT	SEAL KIT,CYLINDER (89060) use with cylinders 89060 and 111177	
26B-	36648GT	VALVE,COUNTERBALANCE 2500 PSI* use with cylinder 111177 (extend); from SN 5938	
26C-	74872GT	VALVE,COUNTERBALANCE 3000 PSI* use with cylinder 111177 (retract); from SN 5938	
26D-	75849GT	VALVE,COUNTERBALANCE 2500PSI use with cylinder 89060 (extend); to SN 5937	
26E-	31082GT	VALVE,COUNTERBALANCE 2500 PSI* use with cylinder 89060 (retract); to SN 5937	
27		Ref. Hydraulic Hoses and Fittings (refer to 713.1)	
28	19440GT	PIN,CLEVIS,1 X 2.5 LG	1
29	74389GT	RUE RING 1.00	1
30	102175GT	HARNESS,BOOM RETRACT, Z60 for units before SN 14256, it is recommended to order the newly revised harness 102175 and wear pad 63376 (it replaces their current limit switch 88356-11105 with 88356-11B05)	1
30-	88356-11B05GT	SWITCH,LIMIT,W/RLLR ARM,NO/NC for units before SN 14256, it is recommended to order the newly revised harness 102175 and wear pad 63376 (it replaces their current limit switch 88356-11105 with 88356-11B05)	
30-	97128GT	ROLLER ARM,LIMIT SWITCH*** for limit switch 88356-11105	
30-	128636GT	ROLLER, ARM, LIMIT SWITCH, ZCY500 for limit switch 88356-11B05	
31	22541GT	SCREW,RHM,10-32 X 1.5	
32	6178GT	NUT, NYLOCK, 10-32	
33	6878GT	BOLT,CARRIAGE,1/4-20 X .75,G2 from SN 10116	
34	121421GT	NUT,FLG,1/4-20 from SN 10116	
35	T111450GT	COVER,CB VALVE,Z60,PRIMARYBOOM from SN 10116 ,(Use until Exhaust, Replaced By T111450PGT)	1
35-	T111451GT	KIT,CB VALVE,ACCESSPORT,Z60 to SN 10115 (includes items 33 - 36)	
35B	T111450PGT	COVER,CB VALVE,Z60,PRIMARYBOOM	1

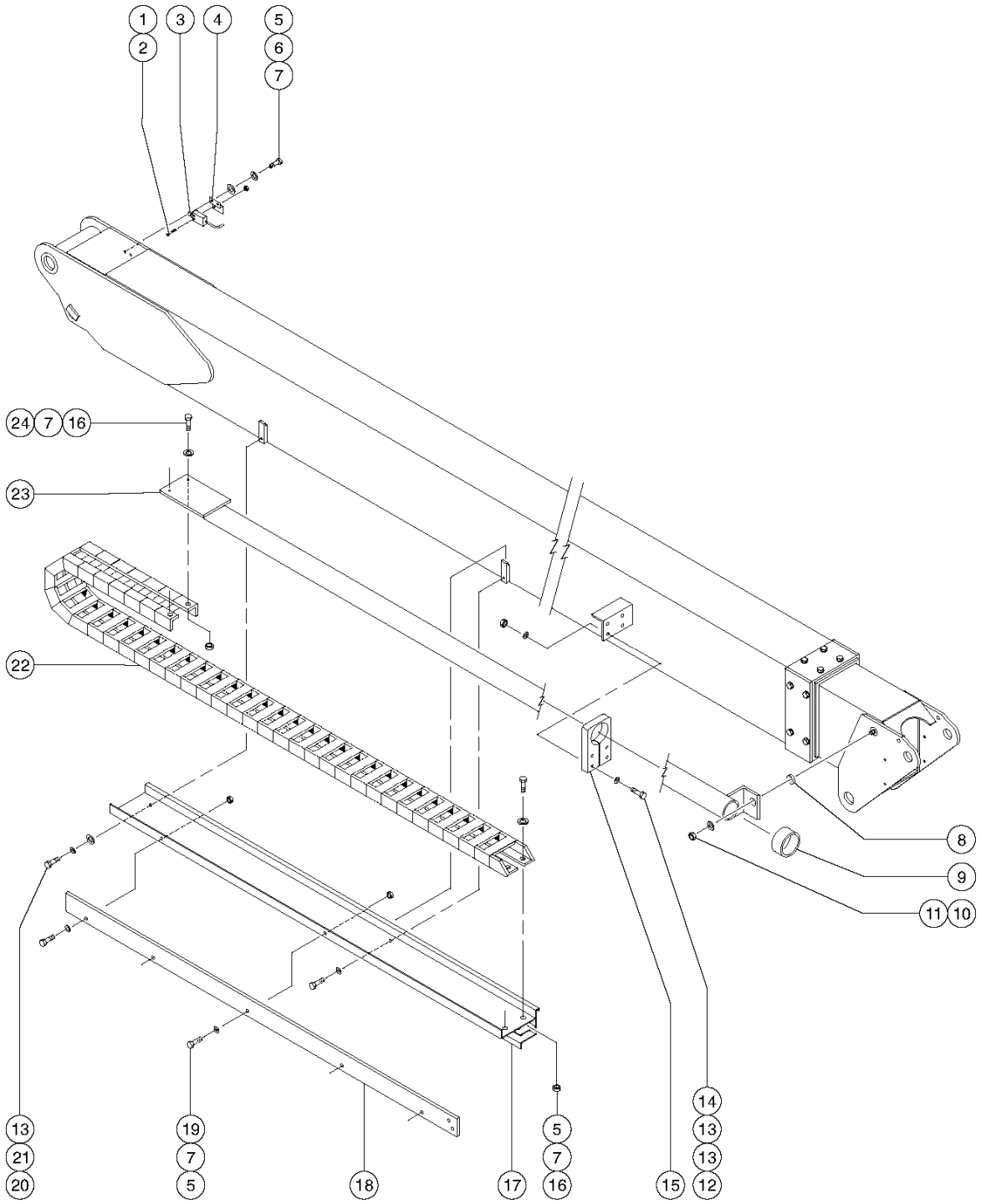
506.1 Cable Track (to SN 5541)



506.1 Cable Track (to SN 5541)

Item	Part No.	Description	Qty.
1	22541GT	SCREW,RHM,10-32 X 1.5	
2	6178GT	NUT, NYLOCK, 10-32	
3	102173GT	HARNESS,PRIMARY BOOM STOW,Z60 to Z6014-14255	1
3B	1297890GT	HARNESS,PRIMARY BOOM STOW,Z60 from Z6014-14256	1
3-	88356-146R3GT	SWITCH,LIMIT,W/ROLLER ARM	
3-	19491GT	CONTACTOR,LIMIT SWITCH	
3-	110650GT	CONN. SQZ PG11 .30-.40 W/ORING	
4	46002PGT	UPPR. LIMIT SWITCH BRKT.,BLUE	1
5	8914GT	SCREW, HHC, 1/4-20 X .625	
6	6356GT	WASHER, LOCK, .25	
7	6638GT	WASHER, FLAT, USS, 1/4"Y	
8	30388GT	PIVOT TUBE/SPACER Z60	2
9	30387GT	CABLE PROTECTOR	1
10	6198GT	NUT, NYLOCK, 1/2-13	
11	6095GT	WASHER,FLAT,USS,1/2",Y	
12	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	4
13	5397GT	WASHER, FLAT, USS, 5/16-18	
14	7713GT	NUT, LP NYLOCK, 3/8-16	
15	30389GT	TRACK TUBE GUIDE	1
16	6091GT	NUT,NYLOCK,1/4-20	
17	102529GT	CABLE TRACK CHANNEL ASSY,Z-60	1
17-	27258GT	TRIM,RUBBER EDGE,5/8 (BY INCH) order as needed	
18	102703GT	COVER,DRILLED***	1
19	6889GT	NUT,LP NYLOCK,1/4-20	
20	8255GT	SCREW,HHC,3/8-16 X .75	
21	6021GT	WASHER, LOCK, .375	
22	30377GT	TRACK,PLASTIC CABLE,43 LINKS	1
22-	58919GT	REPAIR LINK,7 LINKS***	

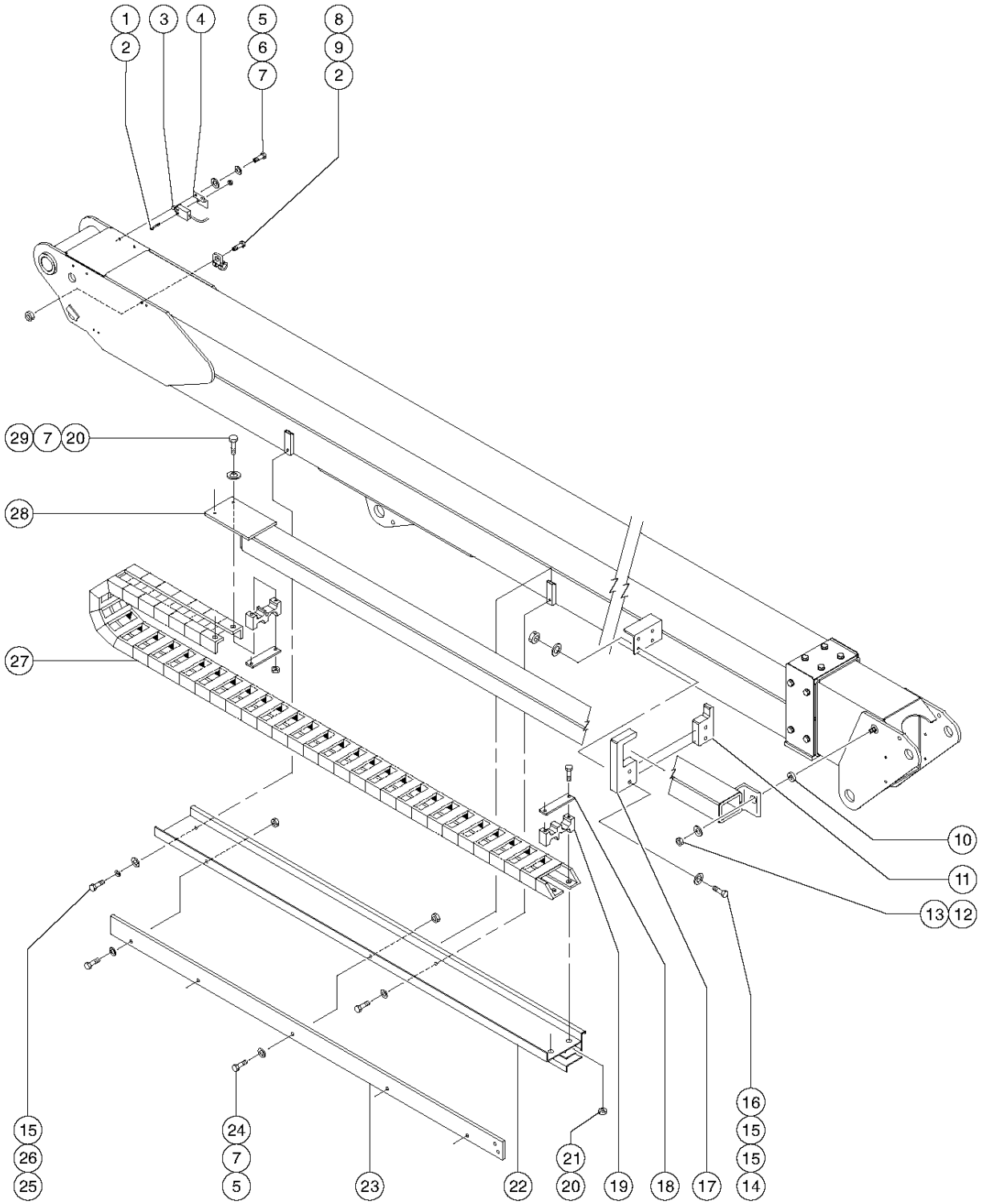
506.1 Cable Track (to SN 5541)



506.1 Cable Track (to SN 5541)

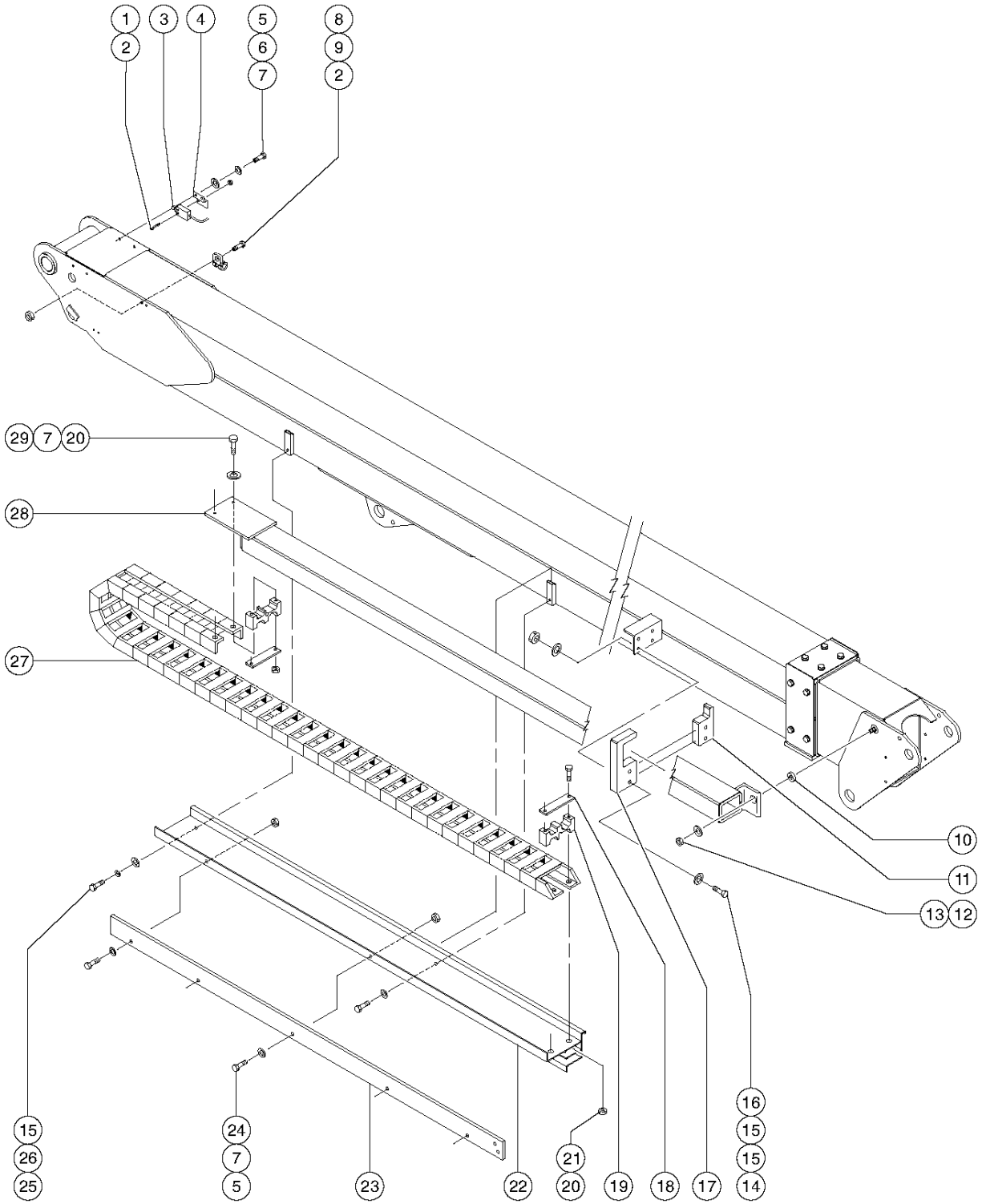
Item	*Part No.*	*Description*	*Qty.*
22-	58927GT	LINK,NYLATRAC KS6-5.4***	
22-	58920GT	REPAIR LINK END SET (42763)*	
23	30315GT	TRACK TUBE WELDMENT	1
24	6888GT	SCREW, HHC, 1/4-20 X 1	

506.2 Cable Track (from SN 5542)



Item	Part No.	Description	Qty.
A-	102234GT	ACCESSORY,ARCTIC HOSE,Z60 includes items 16 and 17; includes serial number 5351	
1	22541GT	SCREW,RHM,10-32 X 1.5	
2	6178GT	NUT, NYLOCK, 10-32	
3	102173GT	HARNESS,PRIMARY BOOM STOW,Z60 to Z6014-14255	1
3B	1297890GT	HARNESS,PRIMARY BOOM STOW,Z60 from Z6014-14256	1
3-	88356-146R3GT	SWITCH,LIMIT,W/ROLLER ARM	
3-	110650GT	CONN. SQZ PG11 .30-.40 W/ORING	
3-	19491GT	CONTACTOR,LIMIT SWITCH	
4	46002PGT	UPPR. LIMIT SWITCH BRKT.,BLUE	1
5	8914GT	SCREW, HHC, 1/4-20 X .625	
6	6356GT	WASHER, LOCK, .25	
7	6638GT	WASHER, FLAT, USS, 1/4"Y	
8	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	
9	45470GT	CLAMP,0.31,#5 X 1/4,RUB CUSH	1
10	30388GT	PIVOT TUBE/SPACER Z60	2
11	102922GT	TRACK TUBE GUIDE	1
12	6198GT	NUT, NYLOCK, 1/2-13	
13	6095GT	WASHER,FLAT,USS,1/2",Y	
14	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	4
15	5397GT	WASHER, FLAT, USS, 5/16-18	
16	7713GT	NUT, LP NYLOCK, 3/8-16	
17	102920GT	TRACK TUBE GUIDE	1
18	102928PGT	PLATE,HOSE CLAMP,PTD	2
19	102927GT	CLAMP,PLASTIC HOSE to SN 9798	2
19-	102935GT	CLAMP,PLASTIC HOSE to SN 9798	
19-	122685GT	CLAMP, PLASTIC, CABLE TRACK from SN 9799	
20	6091GT	NUT,NYLOCK,1/4-20	
21	8179GT	SCREW,HHC,1/4-20 X 2.25	

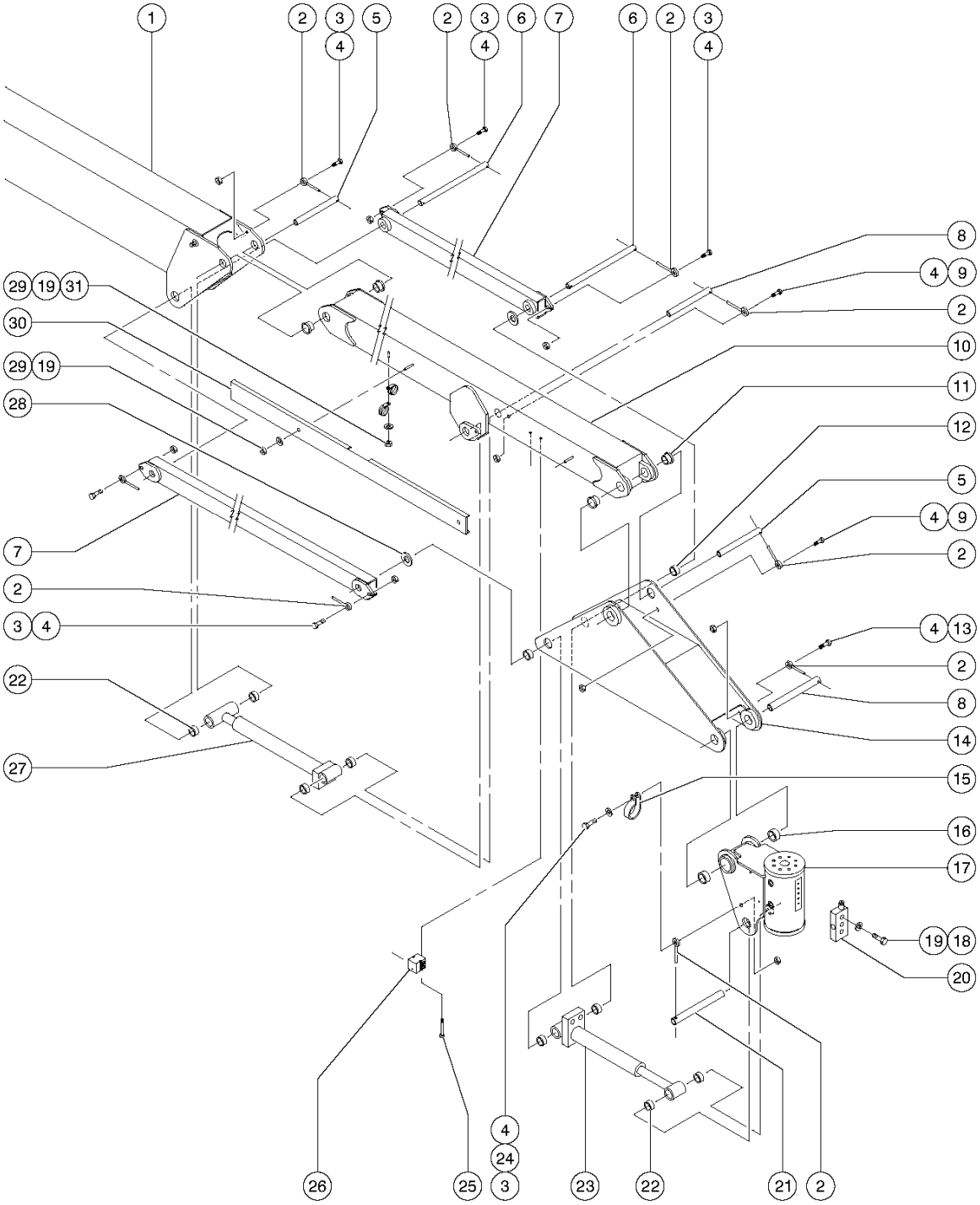
506.2 Cable Track (from SN 5542)



506.2 Cable Track (from SN 5542)

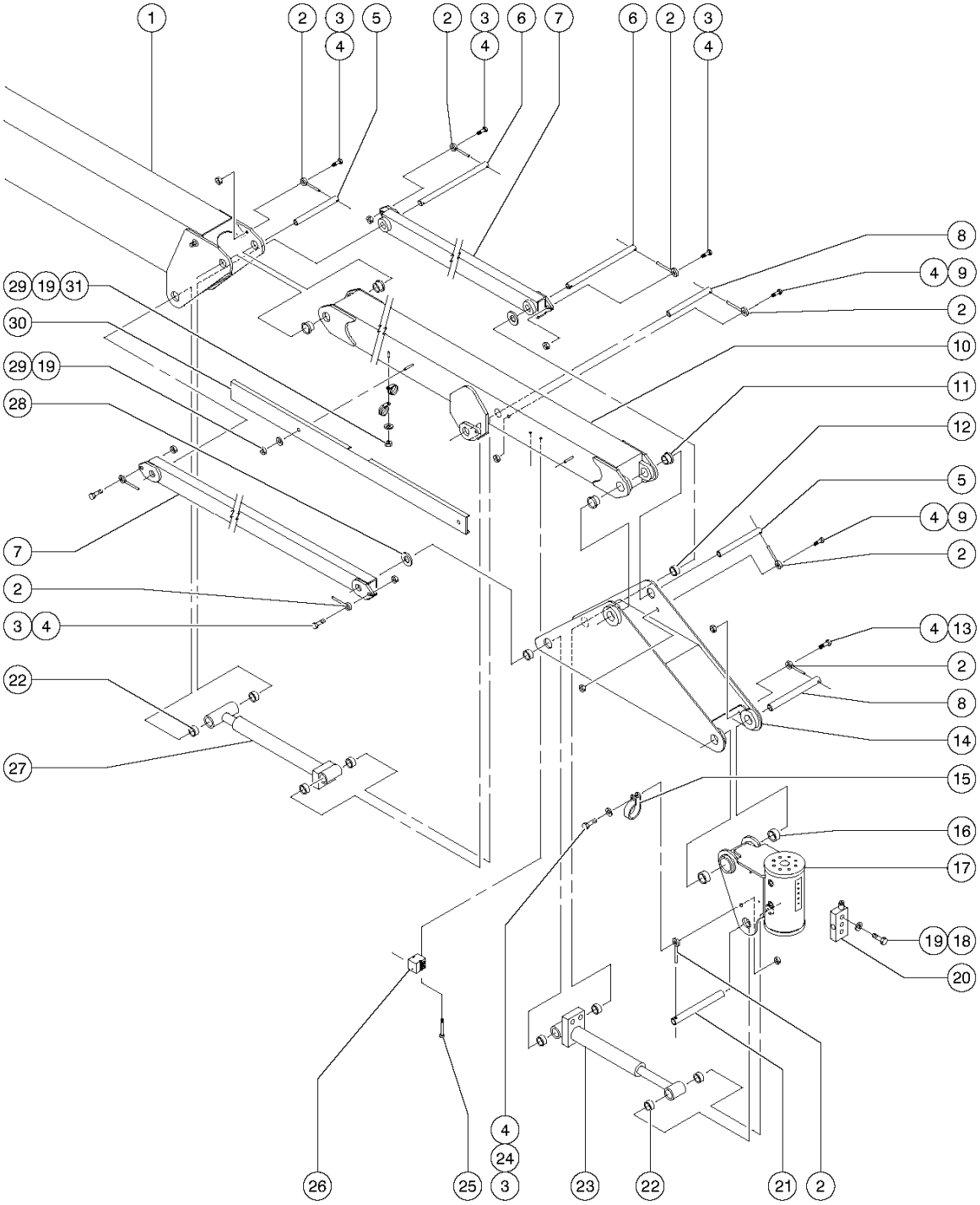
Item	Part No.	Description	Qty.
22	102529GT	CABLE TRACK CHANNEL ASSY,Z-60	1
22-	27258GT	TRIM,RUBBER EDGE,5/8 (BY INCH) order as needed	
23	102703GT	COVER,DRILLED***	1
24	6889GT	NUT,LP NYLOCK,1/4-20	
25	8255GT	SCREW,HHC,3/8-16 X .75	
26	6021GT	WASHER, LOCK, .375	
27	102964GT	CABLE TRACK,PLASTIC	1
27-	111051GT	REPAIR LINK,7 LINKS NP400-7***	
27-	111052GT	REPAIR LINK,NP400-7***	
27-	111053GT	REPAIR END BRKT SET,NP400-7***	
28	102918GT	WELDMENT,TRACK TUBE	1
29	36294GT	SCREW,HHC,1/4-20 X 2.75	

507.1 Jib Boom and Platform Rotator



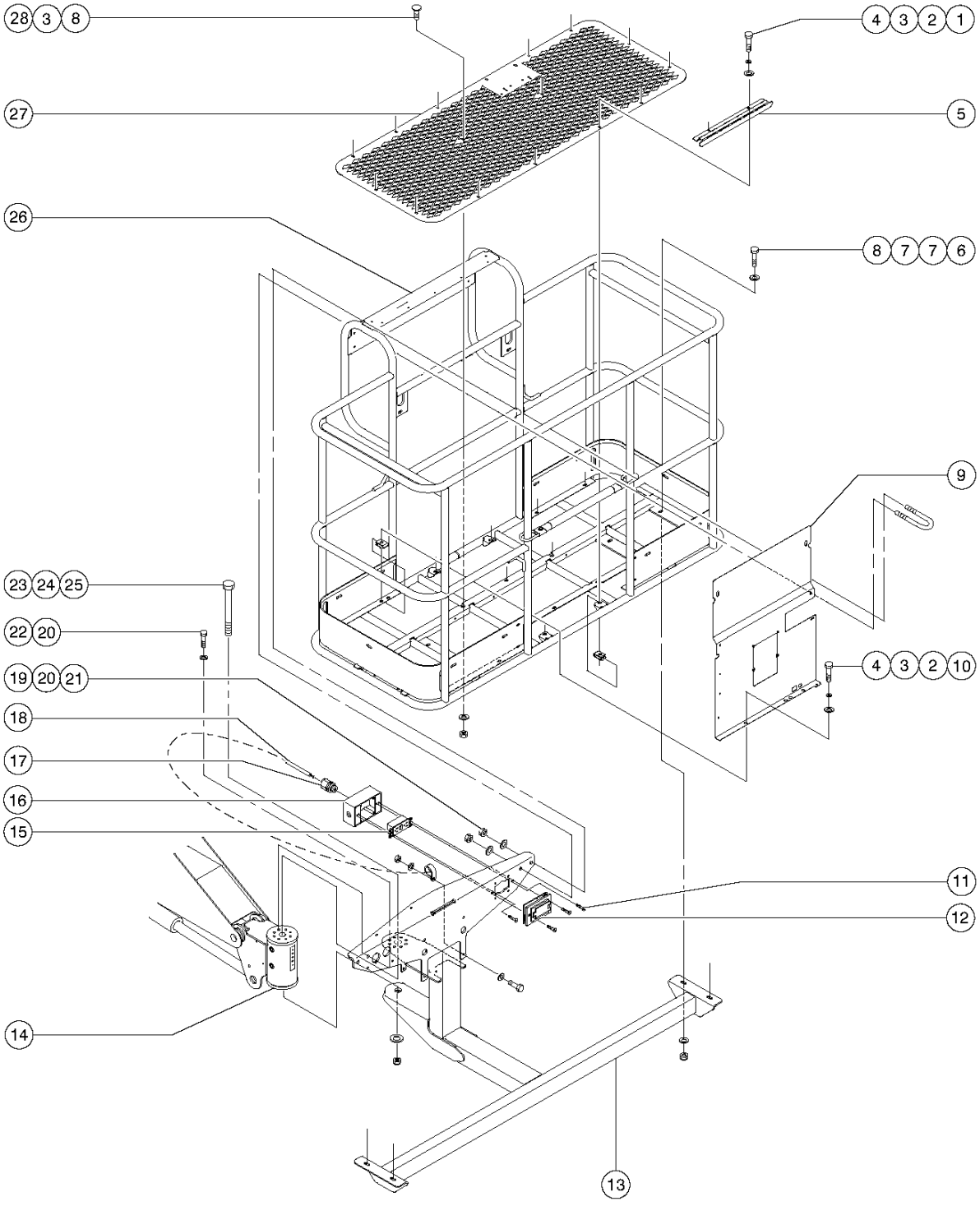
Item	Part No.	Description	Qty.
1		Ref. Extension Boom Tube Assembly (refer to 505.1)	
2	825019GT	ROD END, .375X3.69, ZAG	9
3	8516GT	SCREW, HCC, 3/8-16 X 1.50	
4	4828GT	NUT, NYLOCK, 3/8-16	
5	30188GT	PIN,1.25DIAX8.50LG,1HOLE	2
6	30189GT	PIN,1.25DIAX13.75LG,2HOLE	2
7	53258GT	COMPRESSION MEMBER WELD,MACH.	2
8	27326GT	PIN,1.25 X 7.57 IN,1HOLE	2
9	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	2
10	102991GT	JIB ASSY WITH WORD DECALS includes item 11	1
10-	102532GT	Z60 JIB ASSY WITH SYM DECALS	
11	30219GT	BEARING,FL,1.25ID X 1.41OD X 1	4
12	30220GT	BEARING,1.25ID X 1.5OD X 0.69L	4
13	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
14	31095GT	PLATFORM LEVELING ASSEMBLY includes item 12	1
15	27497GT	CLAMP,RUBBER CUSHIONED-2 5/32	1
16	30370GT	BEARING,1.25IDX1.5ODX1.00L	2
17	94399GT	ROTATOR ASSMBLY includes item 16, previous rotator part 63509 is no longer available; units with SN 4551 to 4884 must order rotator 94399 for replacement.	1
17-	75395GT	BEARING KIT,PLAT ROTATOR,SUPER use with rotator 63509; or to SN 4884	
17-	62417GT	SEAL KIT,PLAT ROTATE*** use with rotator 63509; or to SN 4884	
17-	106421GT	SEAL KIT,ARCTIC,ROTATOR 8.2K** use with rotator 63509; or to SN 4884	
17-	122944GT	SEAL KIT,8K ROTATOR*** use with rotator 94399; or from SN 4885	
18	6145GT	SCREW, HHC, 1/4-20 X 1.5	
19	6638GT	WASHER, FLAT, USS, 1/4"Y	
20		Ref. Counterbalance Valve Manifold (refer to 705.1)	
21	T108075GT	PIN,1.25DIAX5.25LG,1HOLE	1
22	47377GT	BEARING,1.25 ID X 1.5 OD X .75	8
23	226537GT	CYLINDER,SLAVE replaces previous cylinder 63212 (no longer available), includes item 22	1

507.1 Jib Boom and Platform Rotator



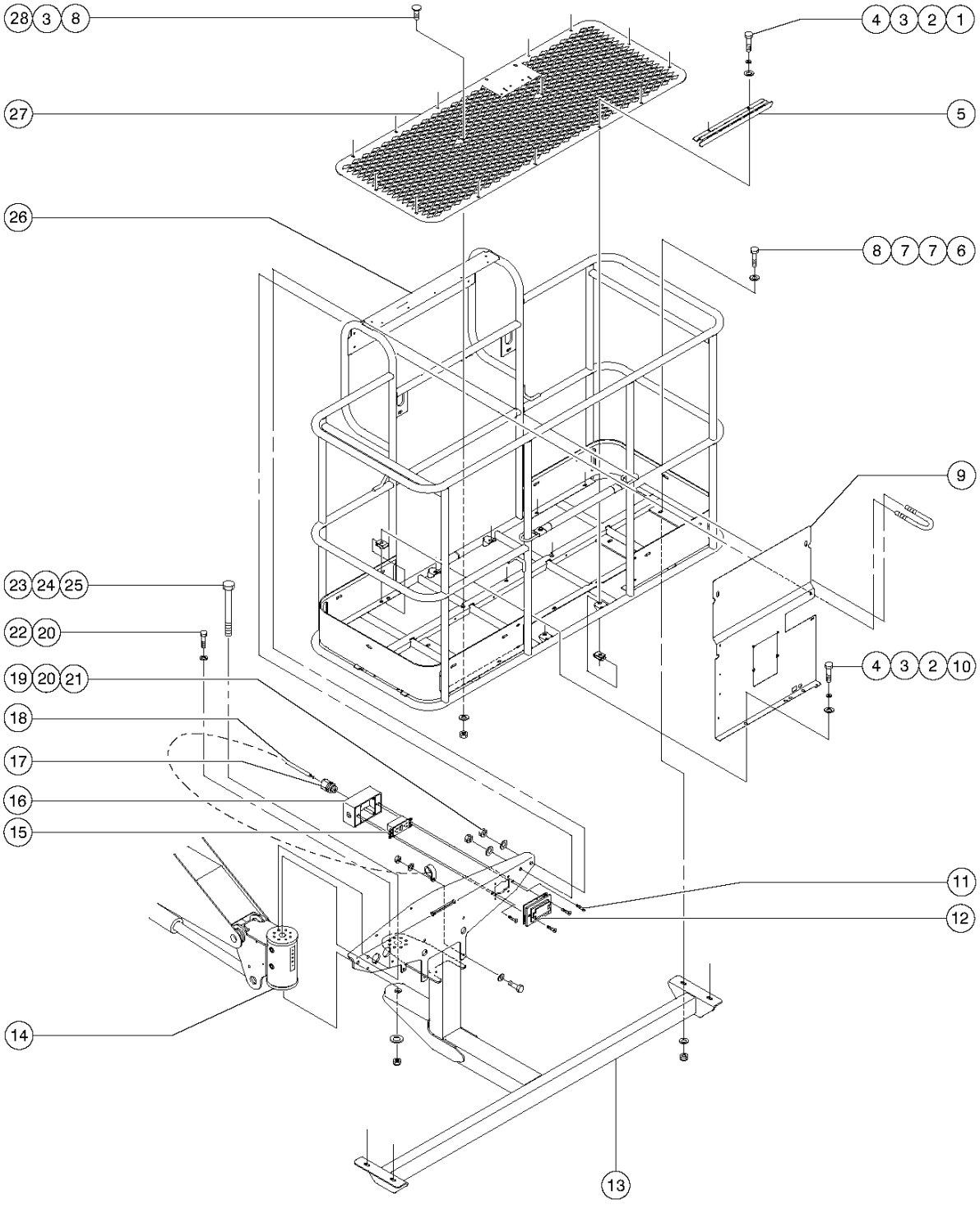
Item	Part No.	Description	Qty.
23-	63352GT	SEAL KIT CYL.Z60(63212) ..... use with cylinder 63212 or 226537	
23-	29083GT	VALVE,COUNTERBALANCE,2500 PSI* ..... use with cylinder 63212	
23-	74872GT	VALVE,COUNTERBALANCE 3000 PSI* ..... use with cylinder 226537	
24	5397GT	WASHER, FLAT, USS, 5/16-18	
25	21604GT	SCREW,HHC,3/8-16 X 3.25	
26		Ref. Jib Boom/Platform Rotate Manifold (refer to 705.1)	
27	63214GT	CYLINDER,JIB,Z60 ..... includes item 22	1
27-	63354GT	SEAL KIT CYL.Z60(63214)	
27-	31106GT	VALVE,CNTERBAL,CBBB-LHN@3000**	
28	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	as ne ed ed
29	6091GT	NUT,NYLOCK,1/4-20	
30	30411-SGT	COVER,CABLE,JIB PAINTED	1
31	18666GT	CLAMP,1.00,#16 X 1/4,RUB CUSH	2

601.1 Platform Installation - View 1



Item	Part No.	Description	Qty.
A		Platform Assemblies with Decals==========	
A-		{USA and Canadian models, to SN 5709)==========	
A-	89742GT	PLATFORM ASSY 4FT W/DECALS ANS to SN 5709	
A-	89743GT	PLATFORM ASSY 5FT W/DECALS ANS to SN 5709	
A-	89335GT	PLATFORM ASSY 6FT W/DECALS ANS to SN 5709	
A-	89337GT	PLATFORM ASSY 8FT W/DECALS ANS to SN 5709	
B		{Australian models, to SN 5709}==========	
B-	89746GT	PLATFORM ASSY 4FT W/DECALS AUS to SN 5709	
B-	89747GT	PLATFORM ASSY 5FT W/DECALS AUS to SN 5709	
B-	89748GT	PLATFORM ASSY 6FT W/DECALS AUS to SN 5709	
B-	89749GT	PLATFORM ASSY 8FT W/DECALS AUS to SN 5709	
C		{USA and Canadian models}==========	
C-	111242GT	PLATFORM ASSY 4FT W/DECALS ANS from SN 5710	
C-	111243GT	PLAT ASSY 5FT, SERV Z60 ANSI from SN 5710	
C-	111244GT	PLAT.ASSY, 6FT, SERV,Z-60 ANSI from SN 5710	
C-	111245GT	PLAT.ASSY, 8FT,SERV, Z-60 ANSI from SN 5710	
D		{Australian models}	
D-	111246GT	PLAT ASSY, 4FT, SERV, Z60 AUS from SN 5710	
D-	111247GT	PLAT ASSY, 5FT, SERV, Z60, AUS from SN 5710	
D-	111248GT	PLAT ASSY, 6FT, SERV, Z60 AUS from SN 5710	
D-	111249GT	PLAT ASSY, 8FT, SERV, Z60 AUS from SN 5710	
E		{European models}==========	
E-	89744GT	PLATFORM ASSY 4FT W/DECALS EUR	
E-	89745GT	PLATFORM ASSY 5FT W/DECALS EUR	
E-	89336GT	PLATFORM ASSY 6FT W/DECALS EUR	
E-	89338GT	PLATFORM ASSY 8FT W/DECALS EUR	
F		{Asian and South American models}==========	
F-	89750GT	PLATFORM ASSY 4FT W/DECAL A/SO	

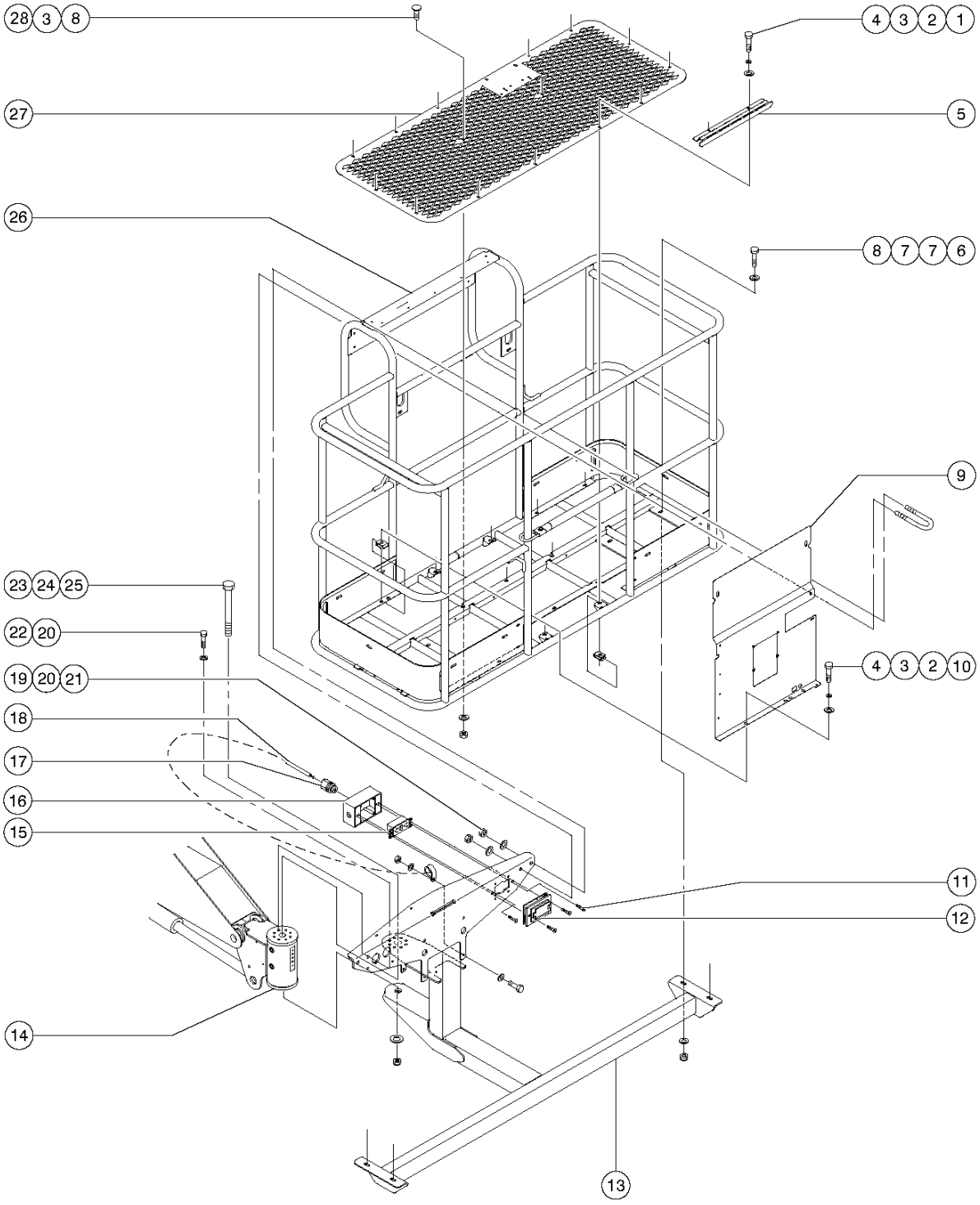
601.1 Platform Installation - View 1



601.1 Platform Installation - View 1

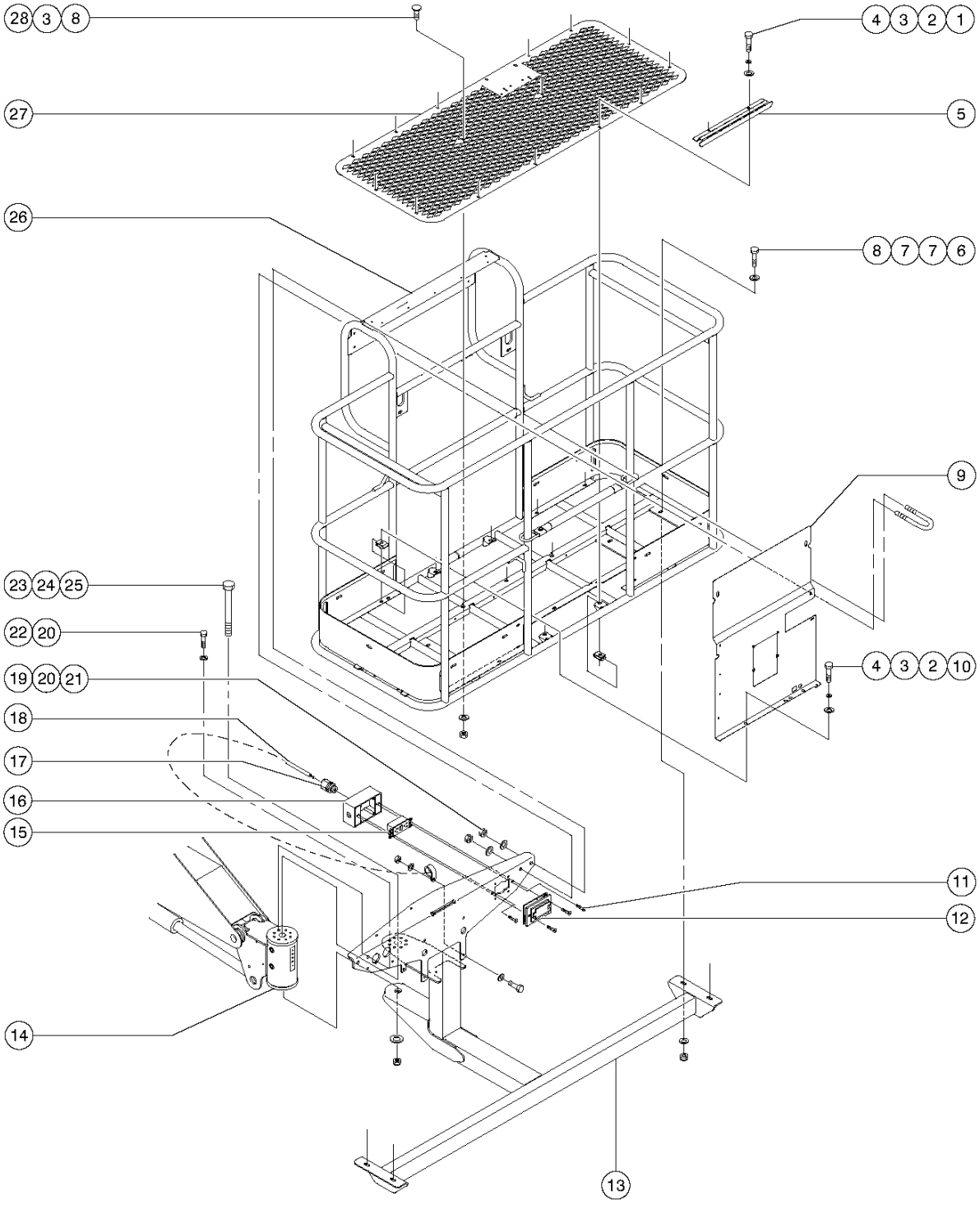
Item	Part No.	Description	Qty.
F-	89751GT	PLATFORM ASSY 5FT W/DECALS ASA	
F-	89752GT	PLATFORM ASSY 6FT W/DECALS ASA	
F-	89753GT	PLATFORM ASSY 8FT W/DECALS ASA	
1	6888GT	SCREW, HHC, 1/4-20 X 1	
2	6356GT	WASHER, LOCK, .25	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
5	73610PGT	STEP PLATFORM ENTRY PAINTED***	1
6	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
7	6097GT	WASHER, FLAT, USS, 3/8", Y	
8	4828GT	NUT, NYLOCK, 3/8-16	
9	102495GT	DECAL PLATE ASSY W/WORD DECALS Assemblies with Word Decals; USA and Canada models; to SN 5709	1
9-	111274GT	DECAL PLATE ASSY W/WORD DECALS Assemblies with Word Decals; USA and Canada models; from SN 5710	
9-	89768GT	DECAL PLATE ASSY W/SYM DECALS Assemblies with Symbol Decals	
10	6090GT	SCREW, HHC, 1/4-20 X .75	
11	75067GT	SCREW,6-32 X 7/8 PPMS ZINC	
12	74006GT	COVER,GFCI,HORIZONTAL,WEATHER includes mounting fasteners	1
13	102679GT	OPTION,PLAT SUPPORT,4/5FT SRV	1
13-	94390-SGT	OPTION,PLAT SUPPORT,STD,LRG BM ANSI models	
13-		Ref. WELDMENT,PLATFORM SUPPORT,CE CE models (refer to 804.1)	
14		Ref. Platform Rotator (refer to 507.1)	
15	13585GT	OUTLET, 110V	1
15-	33629GT	PLATE,UK POWER TO PLATFORM	
15-	33724GT	KIT,GASKET,UK POWER TO PLAT	
15-	T112563GT	SVC KIT,UK RECEPT.REPLACEMENT	
16	10775GT	T-BOX, 2.75 X 4.5 X 2.0**	1
17	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	1
18	43955GT	WIRE CABLE,12/3 CON.TPE JKT inches	996

601.1 Platform Installation - View 1



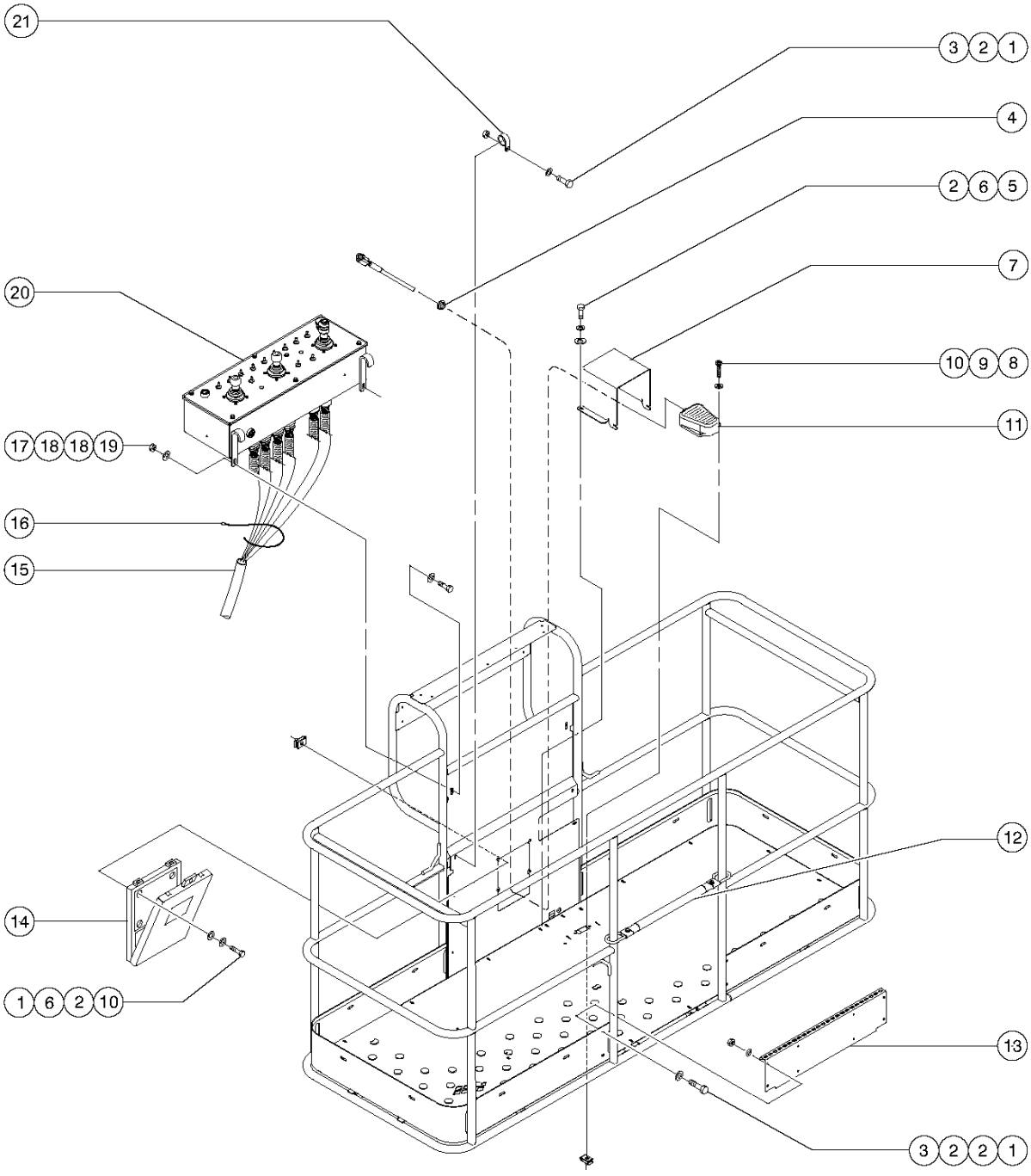
Item	Part No.	Description	Qty.
19	4828GT	NUT, NYLOCK, 3/8-16	
20	57201GT	WASHER,FLAT,313, HARDENED	
21	122755GT	UBOLT,FLATTENED,1.5DIAX3/8 UNC	2
22	77692GT	SCREW,HHC,3/8-16 X 1 GRD 8 to SN 7409	8
22-	49857GT	SCREW,HHC,3/8-16 X .88,GRD 8 from SN 7410	
23	73928GT	SCREW,HHC,1-8 X 11,GRD 5***	
24	122079GT	WASHER,FLAT,1.000,HARDENED	1
25	29764GT	NUT,NYLOCK,1-8	
26		Railing Assemblies with Decals==========	
26-		{USA and Canadian models, to SN 5709}==========	
26A-	77840GT	WELDMENT W/DECALS,5FT,500LB AN to SN 5709	
26A-	73900GT	WELDMNT,6 FT PLATFORM to SN 5709; no decals	
26A-	73976GT	PLATFORM RAIL ASSY, 8FT, ANSI to SN 5709	
26B		{USA and Canadian models, from SN 5710}==========	
26B-	111250GT	PLAT RAILW/DECALS,4FT,500LB AN from SN 5710	1
26B-	111251GT	PLAT RAILW/DECALS,5FT,500LB AN from SN 5710	
26B-	111252GT	PLAT RAILW/DECALS 6FT 500LB AN from SN 5710	
26B-	111253GT	PLAT RAILW/DECALS 8FT 500 ANSI from SN 5710	
26C		{Australian models}==========	
26C	60042-SGT	PLATFORM WELDMENT,4 FT	1
26C-	101377GT	PLAT ASSEMBLY,5FT,AUSTRALIA***	
26C-	73900GT	WELDMNT,6 FT PLATFORM no decals	
26C-	101383GT	PLAT RAIL ASSY,8FT,AUSTRALIA**	
26D		{European models}==========	
26D-	101373GT	PLATFORM ASSEMBLY,4FT,CE/UK	1
26D-	101376GT	PLATFORM ASSEMBLY,5FT,CE/UK	
26D-	101379GT	PLATFORM RAIL ASSY,6FT,CE/UK	
26D-	101382GT	PLATFORM RAIL ASSY,8FT,CE/UK	

601.1 Platform Installation - View 1



Item	*Part No.*	*Description*	*Qty.*
26E		{Asian and South American models}	
26E-	101375GT	PLAT ASSEMBLY,4FT,ASIA/S AM	1
26E-	101378GT	PLAT ASSEMBLY,5FT,ASIA/S AM	
26E-	101381GT	PLAT ASSEMBLY,6FT,ASIA/S AM	
26E-	101384GT	PLAT ASSEMBLY,8FT,ASIA/S AM	
27	60160PGT	FLOORING,4 FT PLATFORM,PAINTED	1
27-	54247-SGT	PLAT. FLOOR, 5FT, PAINTED	
27-	73477PGT	FLOORING, 6'FT PLATFORM	
27-	73478PGT	FLOORING, 8 FT PLATFORM***	
28	54274GT	SCREW,STEP BOLT,1/4-20 X .75	

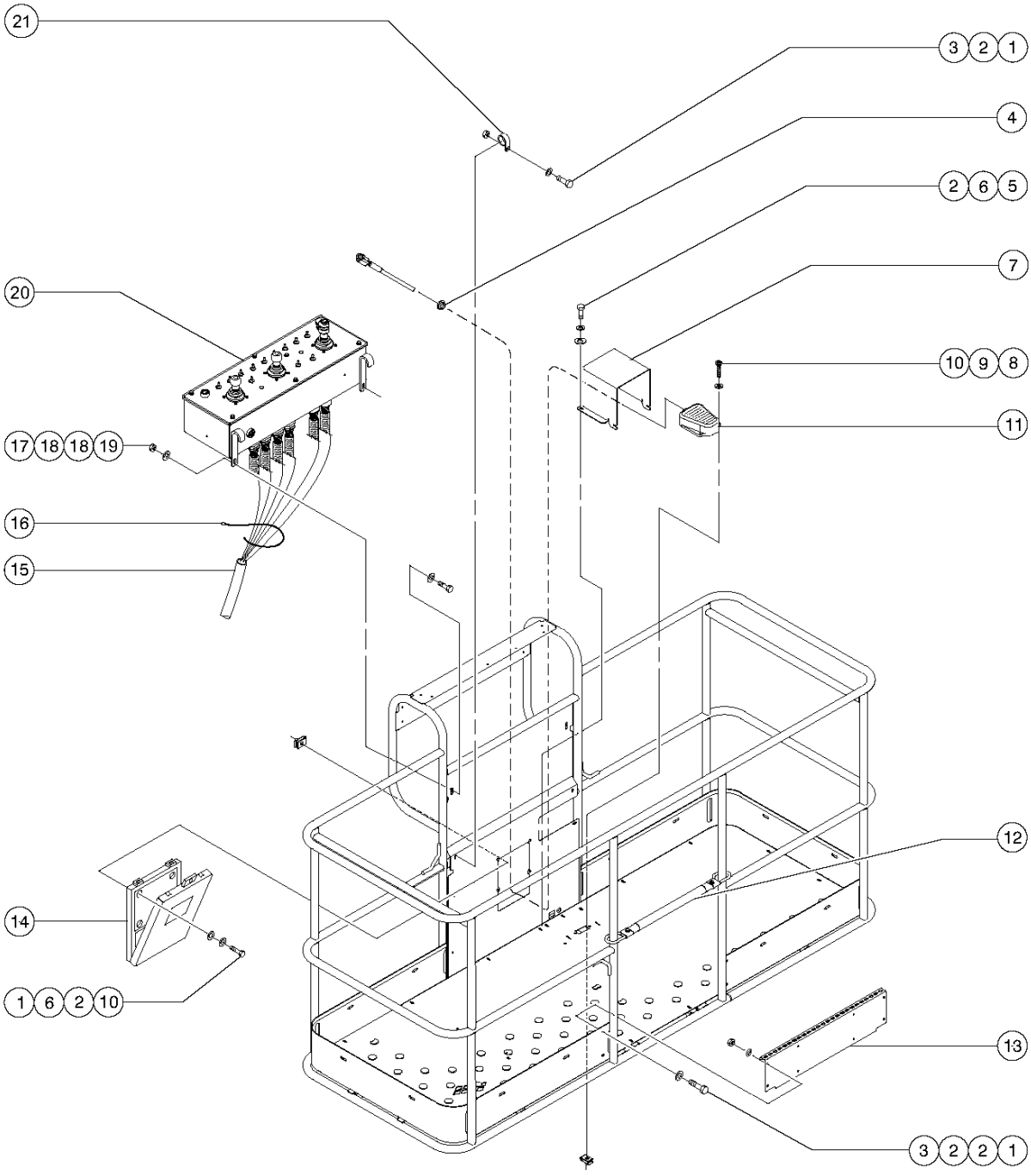
602.1 Platform Installation - View 2



602.1 Platform Installation - View 2

Item	Part No.	Description	Qty.
1	6090GT	SCREW, HHC, 1/4-20 X .75	
2	6638GT	WASHER, FLAT, USS, 1/4"Y	
3	6091GT	NUT,NYLOCK,1/4-20	
4	229768GT	GROMMET,RUBBER,1.0X0.094X1.375	2
5	8915GT	SCREW, HHC, 1/4-20 X 1.25	
6	6356GT	WASHER, LOCK, .25	
7	73931GT	GUARD,FOOTSWITCH,W/DECAL ALUM USA, Canada, Australia, to SN 9879	1
7A-	147221GT	GUARD,FOOTSWITCH,W/DECAL ALUM USA/Canada/Australia; from SN 9880	
7B-	63766GT	COVER,FOOT SWITCH Europe, Asia, South America, to SN 9879	
7C-	147121GT	COVER, FOOT SWITCH, LARGE Europe/Asia/South America; from SN 9880	
8	73587GT	SCREW,PHIL,10-24 X .75	
9	6607GT	WASHER,LOCK,#10 PLTD	
10	73575GT	SPRING CLIP,10-24,.025-.125X.468,ZAG	
11	228466GT	KIT, FOOTSWITCH, S40/S80 Pervious foot switch is no longer available. Order kit 228466 for first time replacement (kit includes foot switch 227516); to SN 10657	1
11-	227516GT	ASSEMBLY,FOOT SWITCH from SN 10657	
11-	33576GT	CONN,SQZ,1/2NPT,.170-.450	
12	102992GT	SLIDING MIDRAIL KIT,PTD	1
12-	12443GT	MIDRAIL GUIDE (HOOK)	
12-	139451GT	TUBE,SLIDING MIDRAIL,PAINTED	
12-	20973GT	WIRE LOOM,3/8 POLY SLIT	
12-	21121GT	CABLE TIE, 4" BLK, HEAT RESISTANT	
12-	6888GT	SCREW, HHC, 1/4-20 X 1	
12-	6638GT	WASHER, FLAT, USS, 1/4"Y	
12-	6091GT	NUT,NYLOCK,1/4-20	
12-	97815GT	DECAL,LABEL,LOWER MIDRAIL	
13	94745PGT	TOEBOARD,ENTRY EUROPEAN PNTD**	1
14A	44743GT	MANUAL BOX W/DECALS*** USA/Canada/Australia	1
14B	24514GT	BOX, INSTRUCTION STORAGE** Europe/Asia/South America (decal required; refer to Section100)	

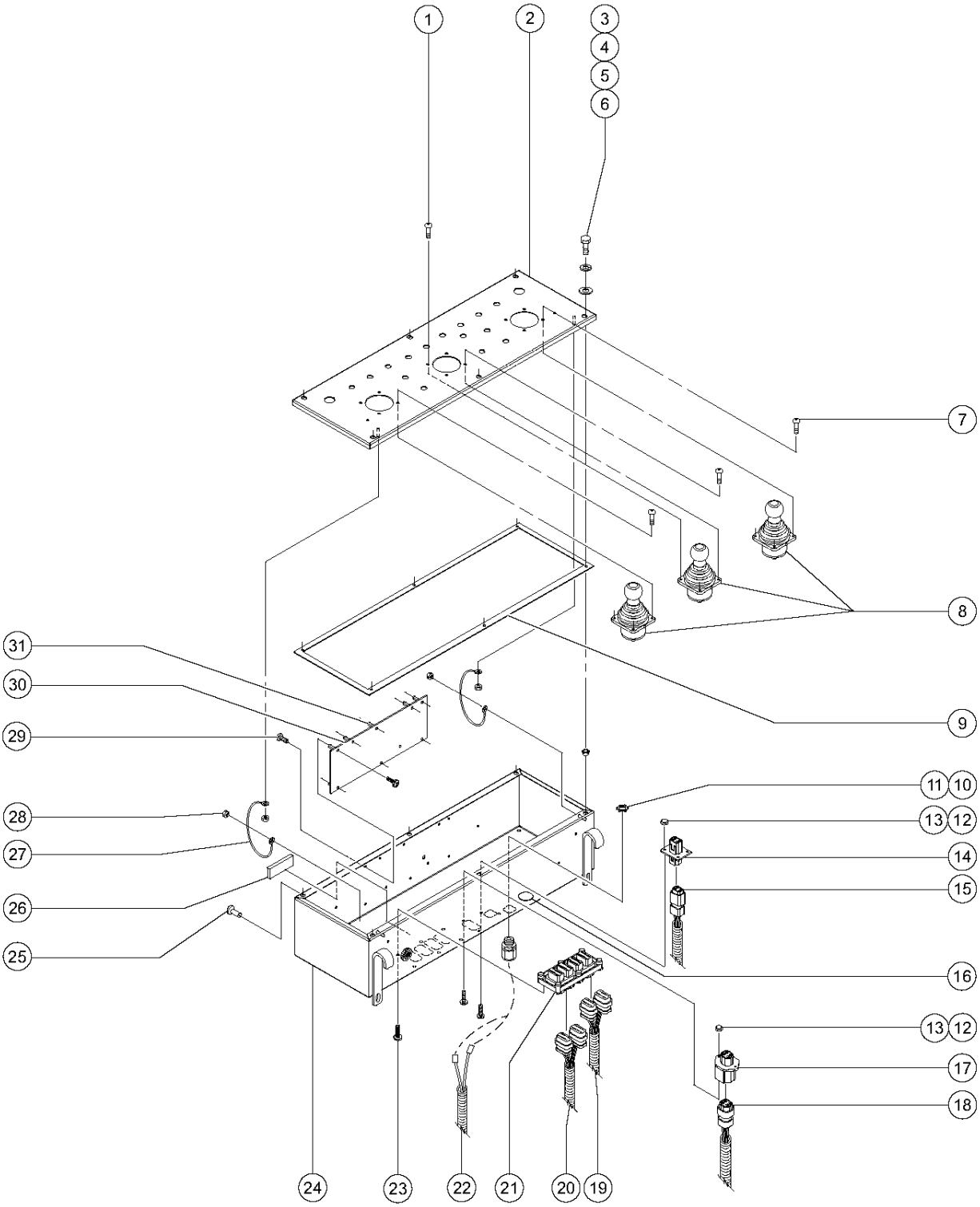
602.1 Platform Installation - View 2



602.1 Platform Installation - View 2

Item	Part No.	Description	Qty.
15	49219GT	SLEEVE,NYLON,2.19 ID,BULK	
16	28443GT	CABLE TIE, 11.5" BLACK	2
17	7713GT	NUT, LP NYLOCK, 3/8-16	
18	5397GT	WASHER, FLAT, USS, 5/16-18	
19	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
20		Ref. Platform Control Box Assembly (refer to 603.1)	
21	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	1

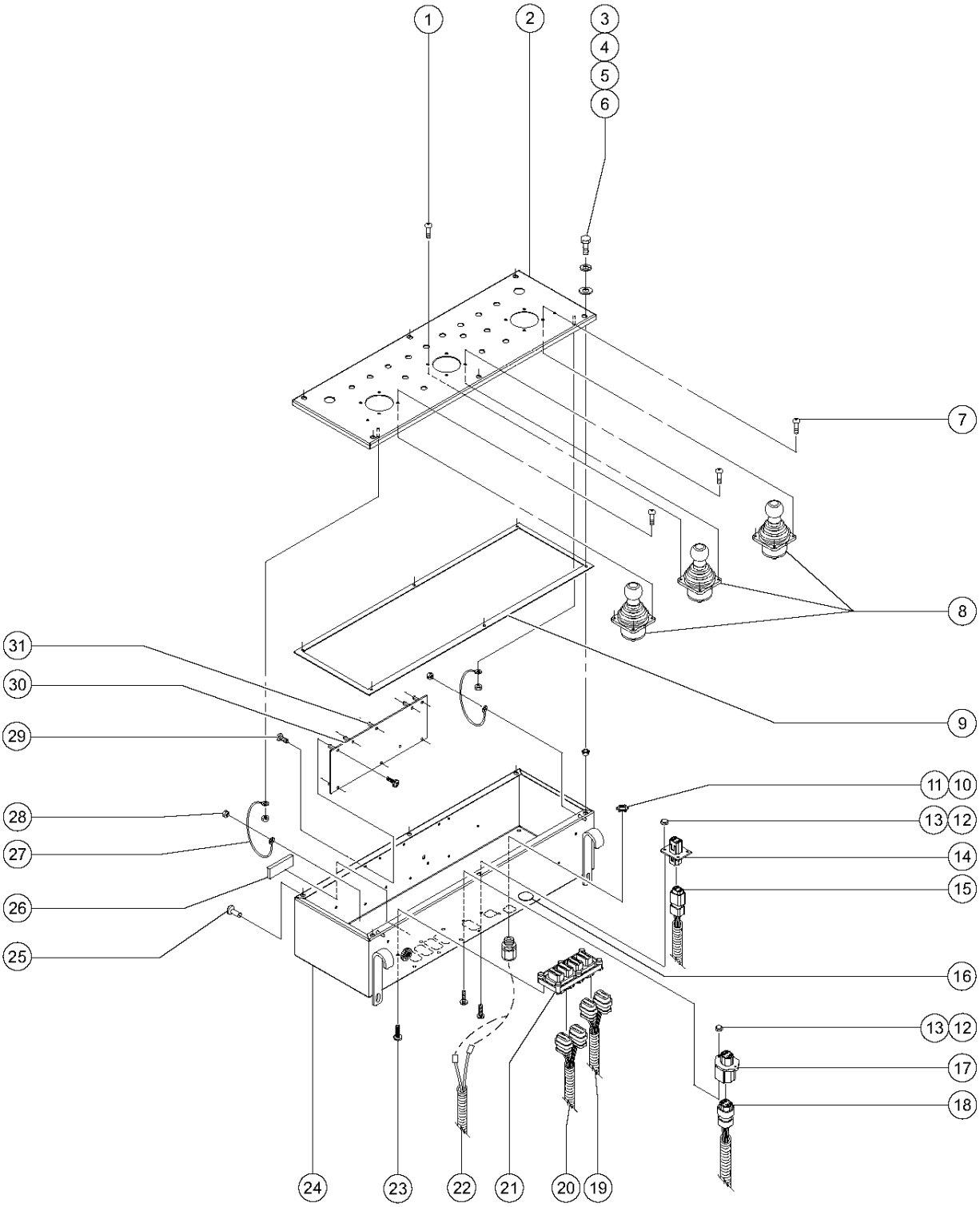
603.1 Platform Controls - View 1



603.1 Platform Controls - View 1

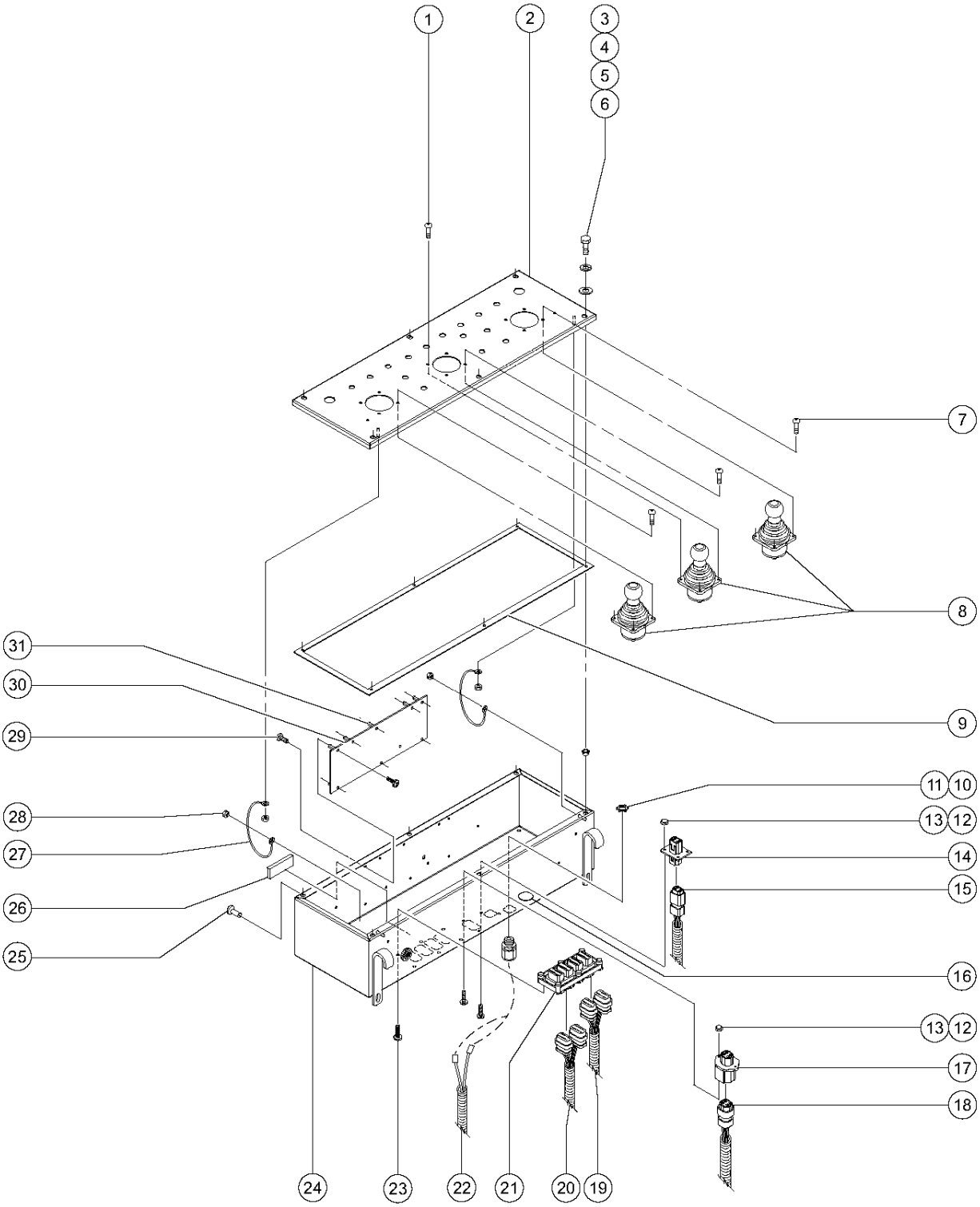
Item	Part No.	Description	Qty.
A-	110388GT	PLAT. CONTROL BOX W/DECAL*** ..... includes items 6 and 11	
B-	102724GT	WIRE,MOUNT ADHESIVE BACK	
C-	89666GT	HARNESS,JIB KIT	
D-	89673GT	HARNESS,PBOX,S40,S45,Z60***	
E-	89925GT	HARNESS,PBOX,LOAD SENSE	
F-	122215GT	HARNESS,SERVICE,PBOX J1 ..... requires qty 3 of adapter 122125 for units before SN 7227	
G-	122125GT	ADAPTER CABLE, JS100 JOYSTICK ..... to SN 7226	
H-	122124GT	SERVICE KIT,S80 PBOX J1 HARN required for first time replacement, contains PBOX J1 harness and qty 3 of adapter 122125; to SN 7226	
I-	122216GT	HARNESS,SERVICE,PBOX J2 ..... from SN 7227	
J-	122217GT	HARNESS,SERVICE,PBOX J3 ..... from SN 7227	
K-	128125GT	SERVICE KIT JIB TIME DLY IC	
L-	119867GT	WIRING KIT,JIB TIME DELAY IC	
M-	19274GT	RELAY,SPDT,12V(AUTO)**	
N-	43181GT	CAPACITOR,TIME DELAY	
1	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	
2	81484PGT	PLATFORM CONTROL BOX LID,PAINT	1
3	8914GT	SCREW, HHC, 1/4-20 X .625	
4	6356GT	WASHER, LOCK, .25	
5	6638GT	WASHER, FLAT, USS, 1/4"Y	
6	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD	6
7	77047GT	SCREW,PHM,10-32X.50,ST TYPE F ..... to SN 9587	
7-	139338GT	SCREW PH M5-0.8X20 DIN 7500CE ..... from SN 9588	
8		JOYSTICK ..... refer to 605.1 or 605.2	
9	81488GT	GASKET,PLATFORM CONTROL BOX	1
10	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	1
11	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	1
12	12344GT	NUT,NYLOCK,6-32	
13	49820GT	SCREW,PHILLIPS,PHM,6-32 X .5	

603.1 Platform Controls - View 1



Item	Part No.	Description	Qty.
14	73723GT	CONN RECEPT,FLANGED	1
14-	60443GT	LOCK, RECEP 4WAY, 14-18GA	
15		Ref. ASSEMBLY,FOOT SWITCH refer to 602.1	
15-	73739GT	BOOT,PLUG 4 WAY	
15-	75640GT	WIRE LOOM,3/4 DIA.	
16	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	4
17	73717GT	CONN, RECEP, 4 WAY, DEUTSCH, DTP, FLANGE	1
17-	73711GT	TERMINAL, PIN, DTP, 12-14 AWG, NICKEL, , DEUTSCH, LOOSE	
17-	60526GT	LOCK,RECEP 4 WAY,12-14GA	
18	102907GT	HARNESS,12/3, 12V TO PLAT,Z60	
18-	73725GT	BOOT,DTSCH,DTP4-BT	
18-	75640GT	WIRE LOOM,3/4 DIA.	
19	89177GT	HARNESS,18/19,BOOM CABLE 2 to SN 5715 (gray/black connectors)	1
19-	102906GT	HARNESS,18/19,BOOM CABLE 2,Z60 from SN 5716	
19-	77432GT	BOOT,2 X 12 WAY	
19-	75640GT	WIRE LOOM,3/4 DIA.	72 inches
20	89176GT	HARNESS,18/19,BOOM CABLE to SN 5715 (green/brown connectors)	1
20-	102905GT	HARNESS,18/22,BOOM CABLE 1,Z60 from SN 5716	
20-	77432GT	BOOT,2 X 12 WAY	
20-	28131GT	WIRE LOOM,1.25 DIA	
21	73736GT	CONN,RECEP 48 WAY,4 X 12	1
21-	73713GT	TERMINAL, PIN, DT, 14-18 AWG, NICKEL, 0.095-0.150 OD, DEUTSCH, STRIP	
21-	54255GT	LOCK, RECEP 12WAY, 14-18GA	
22	102033GT	HARNESS,JIB BOOM	
22-	77432GT	BOOT,2 X 12 WAY	
23	73803GT	SCREW,SHM,PHP, #12 X .75	
24	81487PGT	PLATFORM CONTROL BOX,PAINTED	1

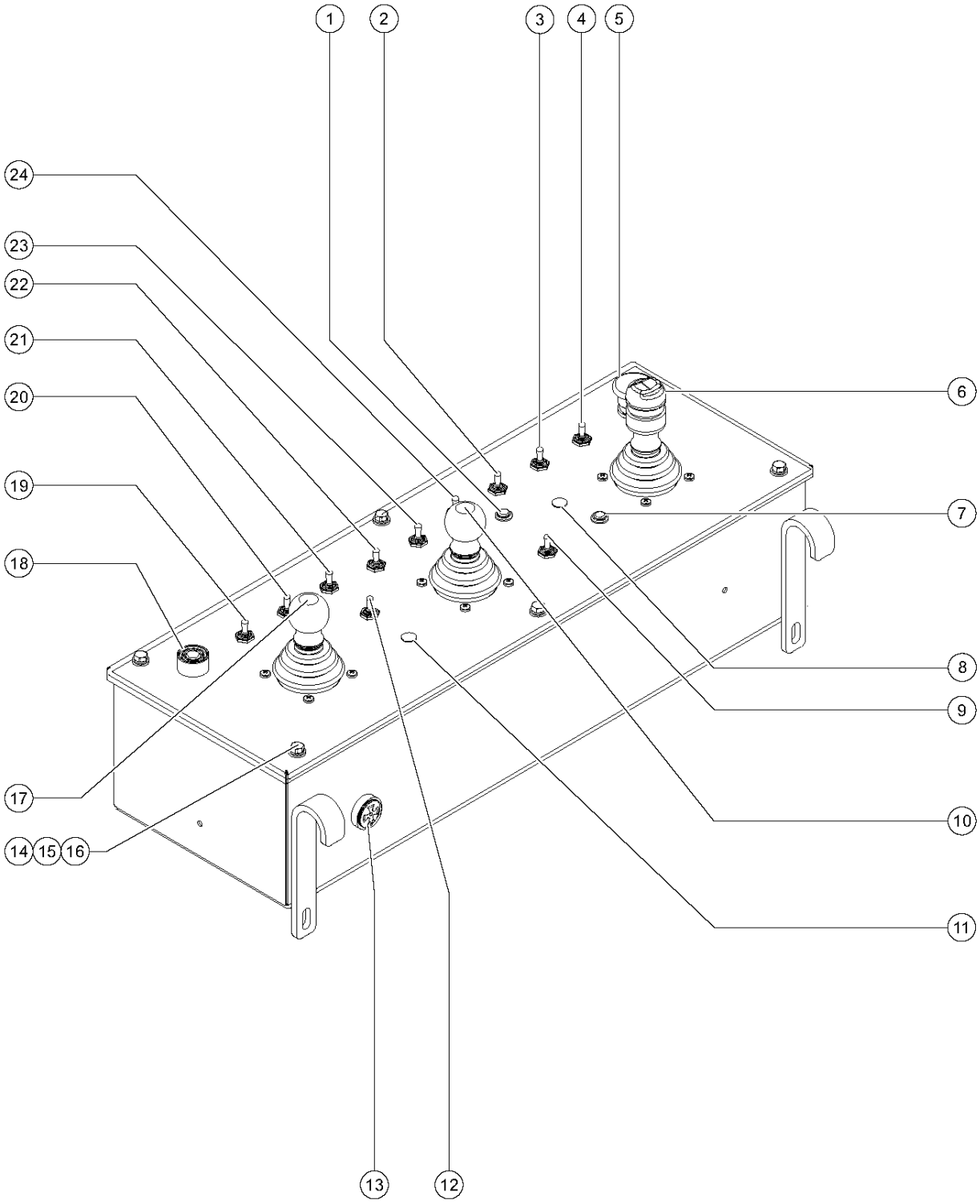
603.1 Platform Controls - View 1



603.1 Platform Controls - View 1

Item	Part No.	Description	Qty.
25	42781GT	PLUG, NYLON .250 BLACK DOMED	1
26	30997GT	CORROSION INHIBITOR,FOAM	1
27	77351GT	LANYARD,PLATFORM CONTROL BOX	2
28	6178GT	NUT, NYLOCK, 10-32	
29	81551GT	SCREW,PHIL,PHM,6-32 X 1/4 SS	
30	235476GT	ASSY,PCB ALC500 Z60 LEG V200 Machine model and serial number required when ordering. Please contact Genie Service Parts for assistance	1
30A-	235475GT	DECAL LBL ALC500 Z60 LEG V200	
30A-	119250GT	BRACKET,PLATFORM HEATER OPT	1
30A-	119560GT	WIRING KIT,CONTROL BOX HEATER	1
30A-	27287GT	RESISTOR,10 OHM,25 WATT for 119560	2
30A-	119641GT	SWITCH,THERMOSTAT 85F OPEN	1
30A-	119534GT	STANDOFF,1/4X1/4 M-F 6-32 S/S	1
30A-	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT	1
31	81550GT	STANDOFF,6-32 X 3/8L X 1/4 HEX	10

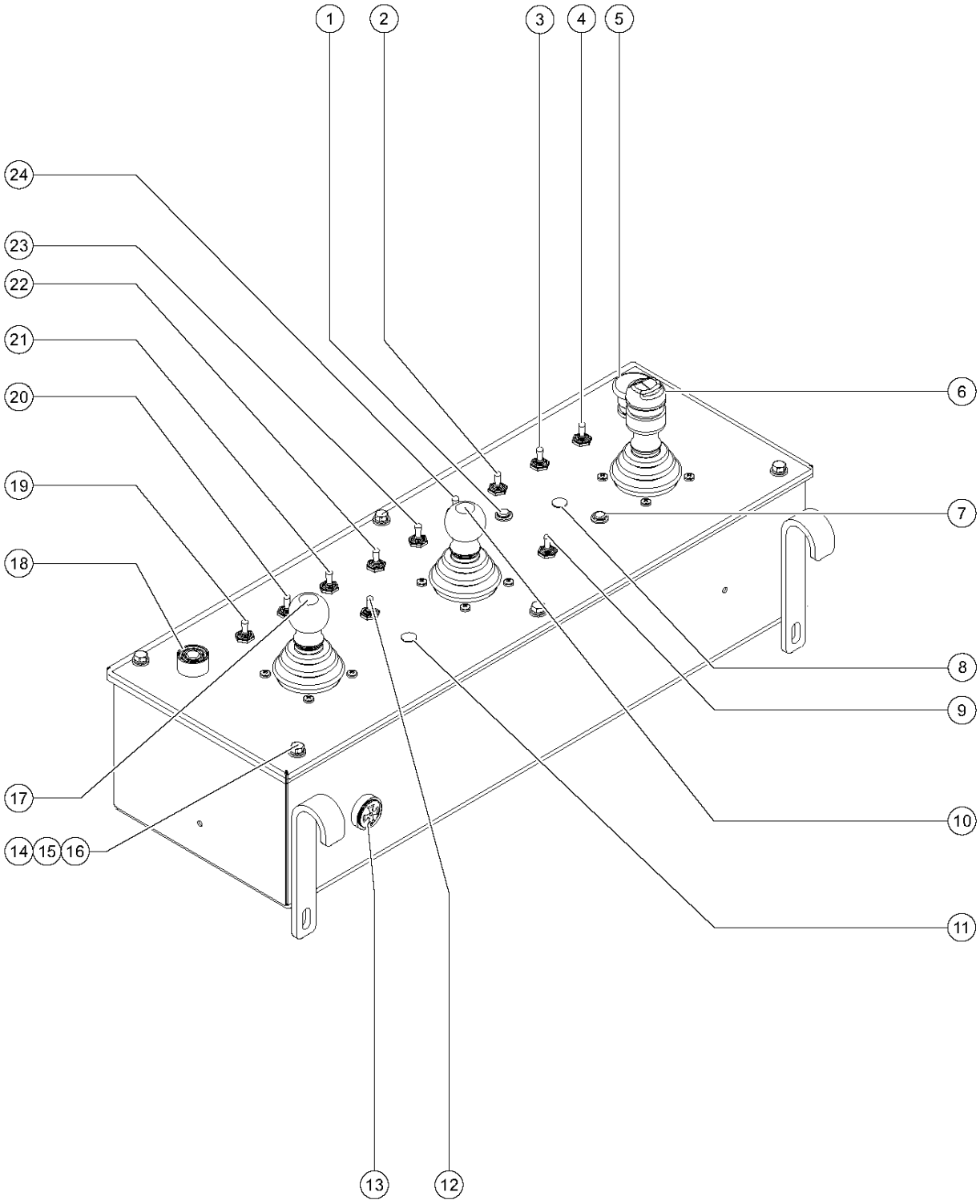
604.1 Platform Controls - View 2



604.1 Platform Controls - View 2

Item	Part No.	Description	Qty.
A-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
B-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
1	824879GT	LIGHT,LED IND. RED 12V NH (Complete LED light assembly)	
2	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
3	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT (Engine Idle; includes boot and hardware)	1
4	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT Gasoline/LPG; Ford models	1
4-	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	
5	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	
5-	94506GT	BASE,W/3 NC CONTACTS	
5	66818GT	CONTACT,NC	
5-	146478GT	BOOT(BELLOWS),E-STOP,BLACK	
6		JOYSTICK refer to 605.1 or 605.2	
7	824879GT	LIGHT,LED IND. RED 12V NH (Complete LED light assembly)	1
7-	225967GT	PLUG, SANTOPRENE .5 BLACK DOME	
8	824879GT	LIGHT,LED IND. RED 12V NH (Complete LED light assembly)	1
9	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
10		JOYSTICK refer to 605.1 or 605.2	
11	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	1
11-	128205GT	SWITCH TOGGLE ASSY DPDT 2P MNT	
12	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
13	45383GT	ALARM,WARBLE TONE 5-30 VDC*** Does not include 72326 nut	1
13-	72326GT	NUT - PLASTIC, RING FOR ALARMS	
14	8914GT	SCREW, HHC, 1/4-20 X .625	
15	6356GT	WASHER, LOCK, .25	
16	6638GT	WASHER, FLAT, USS, 1/4"Y	
17		JOYSTICK refer to 605.1 or 605.2	
18	66813GT	BUTTON,PUSH,BLACK W/SEAL***	1
18-	66815GT	BASE, W/1 N.O. CONTACTS*** includes N.O. contact	

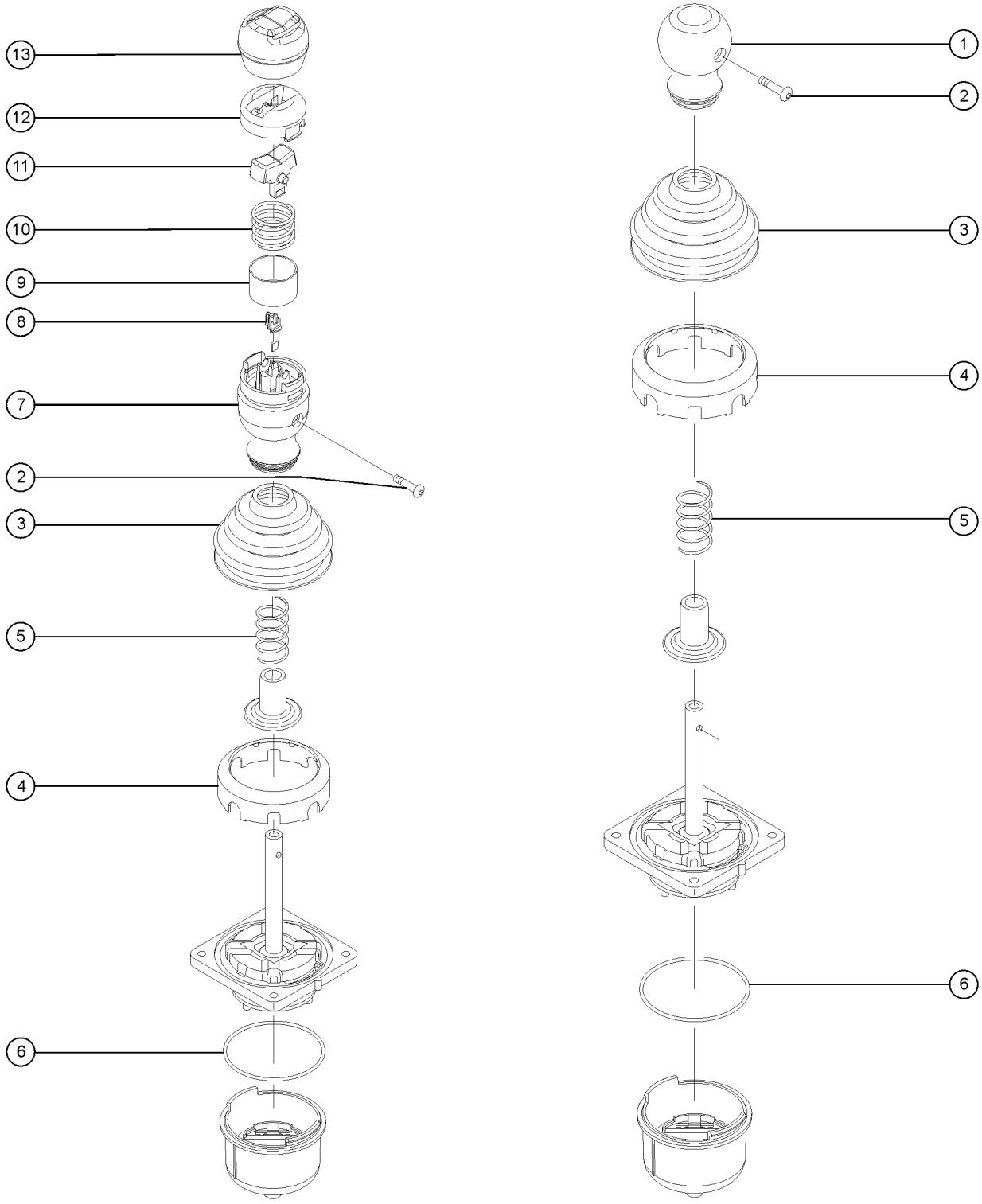
604.1 Platform Controls - View 2



604.1 Platform Controls - View 2

Item	Part No.	Description	Qty.
18-	66816GT	CONTACT,N.O.***	
19	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
20	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	1
21	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
22	128203GT	SWITCH TOGGLE ASSY SPDT 2P MOM	1
23	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT	1
24	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM diesel models	1
24-	229567GT	PLUG,SANTOPRENE .5 BLACK DOME Ford models	

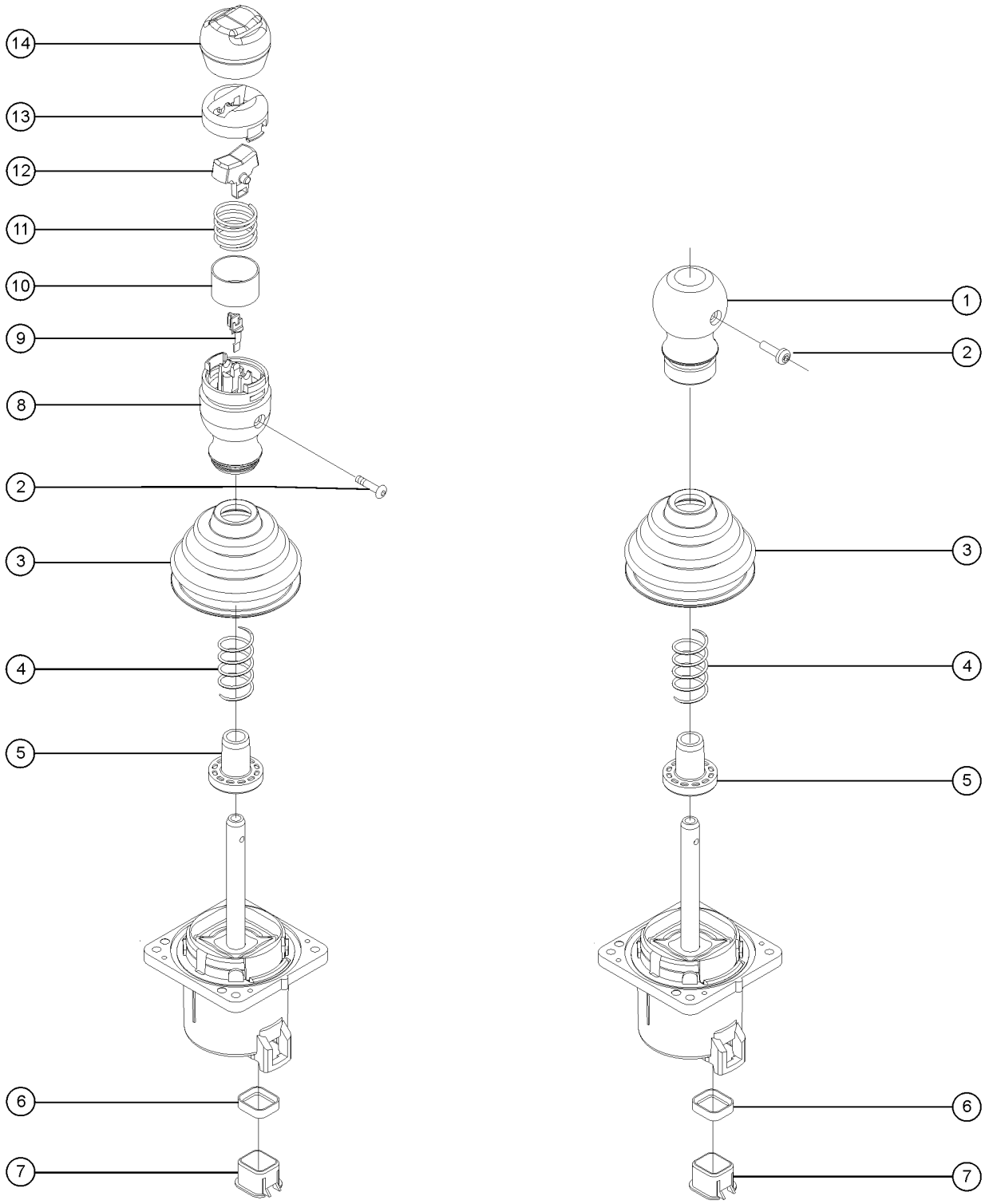
605.1 Joysticks (to SN 7226)



605.1 Joysticks (to SN 7226)

Item	Part No.	Description	Qty.
A-	111417GT	JOYSTICK W/HARN ADPTR, 2 AXIS this kit converts joystick to Deutsch style connection (OEM joystick); after first time replacement, refer to section 605.2	
C-	111415GT	JOYSTICK W/HARN ADPTR, 1 AXIS this kit converts joystick to Deutsch style connection (OEM joystick); after first time replacement, refer to section 605.2	
E-	111416GT	JOYSTICK W/HARN ADPTR KIT RCKR this kit converts joystick to Deutsch style connection (OEM joystick); after first time replacement, refer to section 605.2	
G-	83098GT	TERM,AMP MTE,SOC,22-26 GA BULK	
H-	119613GT	HARN JOYSTICK ADAPTOR JS100 for first time replacement only	
Z	1269501GT	KIT, ISOLATION, 3 JOYSTICK	
1	62392GT	KNOB,JOYSTICK, 62390/62391	1
2	T112626GT	SCREW, PHM, #6-32 X .625 ZINC	1
3	139598GT	BOOT,JOYSTICK	1
4	75143GT	BOOT GUARD, JOYSTICK 62390/91	1
5		SPRING,JOYSTK CENTR,62390/91 no longer available from supplier	1
6		O-RING,JOYSTICK, 62390/62391 no longer available from supplier	1
7	75449GT	KNOB,ROCKER JOYSTICK 75565	1
8	75448GT	SUPPORT,SENSOR,JOYSTICK	1
9	75447GT	SWITCH SHIELD,ROCK JOYSTK75565	1
10	75446GT	SPRING,SWITCH CENTERING,75565	1
11	75445GT	ROCKER ASSY.,MAGNETIC 75565	1
12	75444GT	ROCKER,RETAINER, 75565	1
13	75443GT	BOOT, ROCKER JOYSTICK 75565	1

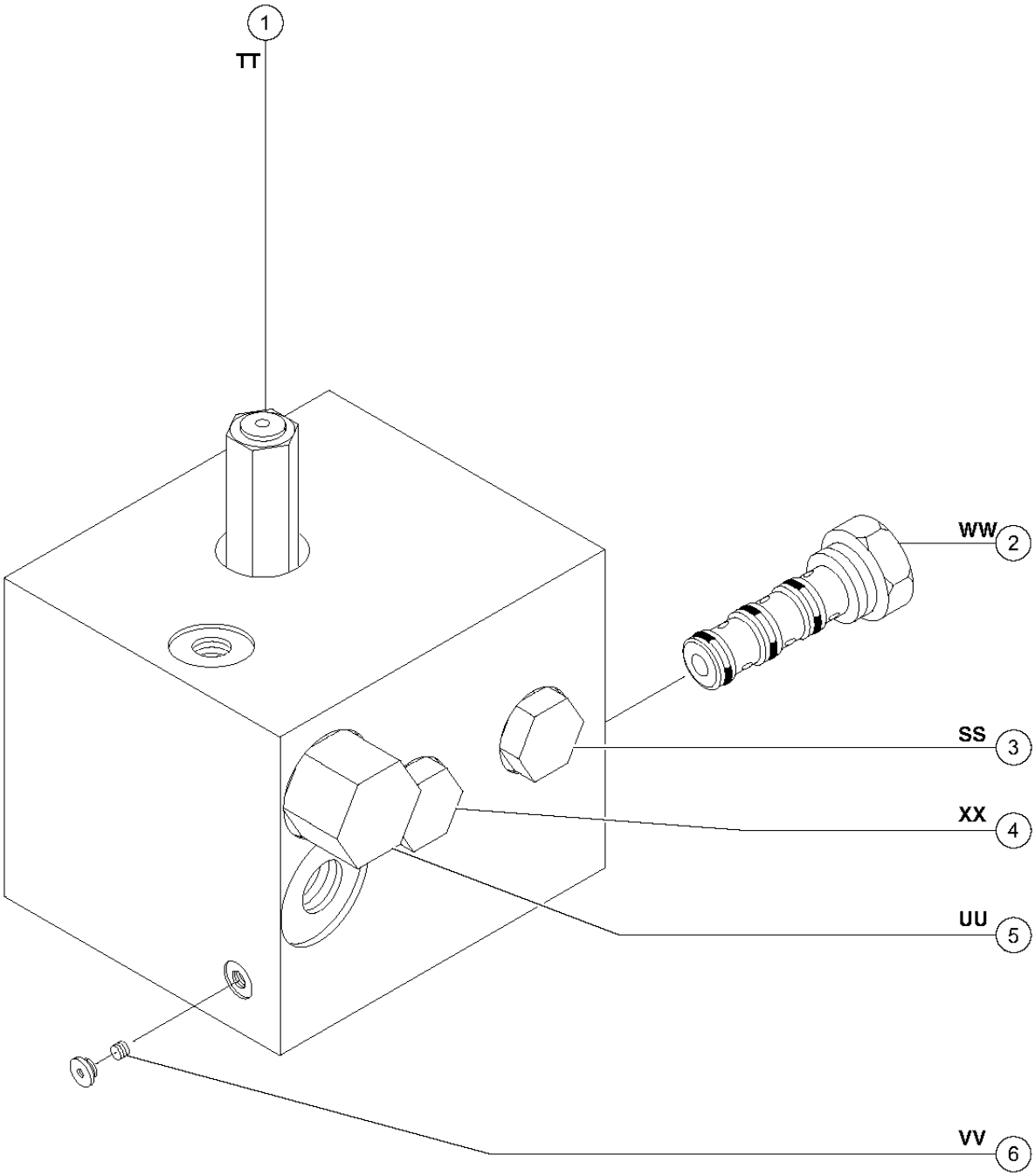
605.2 Joysticks (from SN 7227)



605.2 Joysticks (from SN 7227)

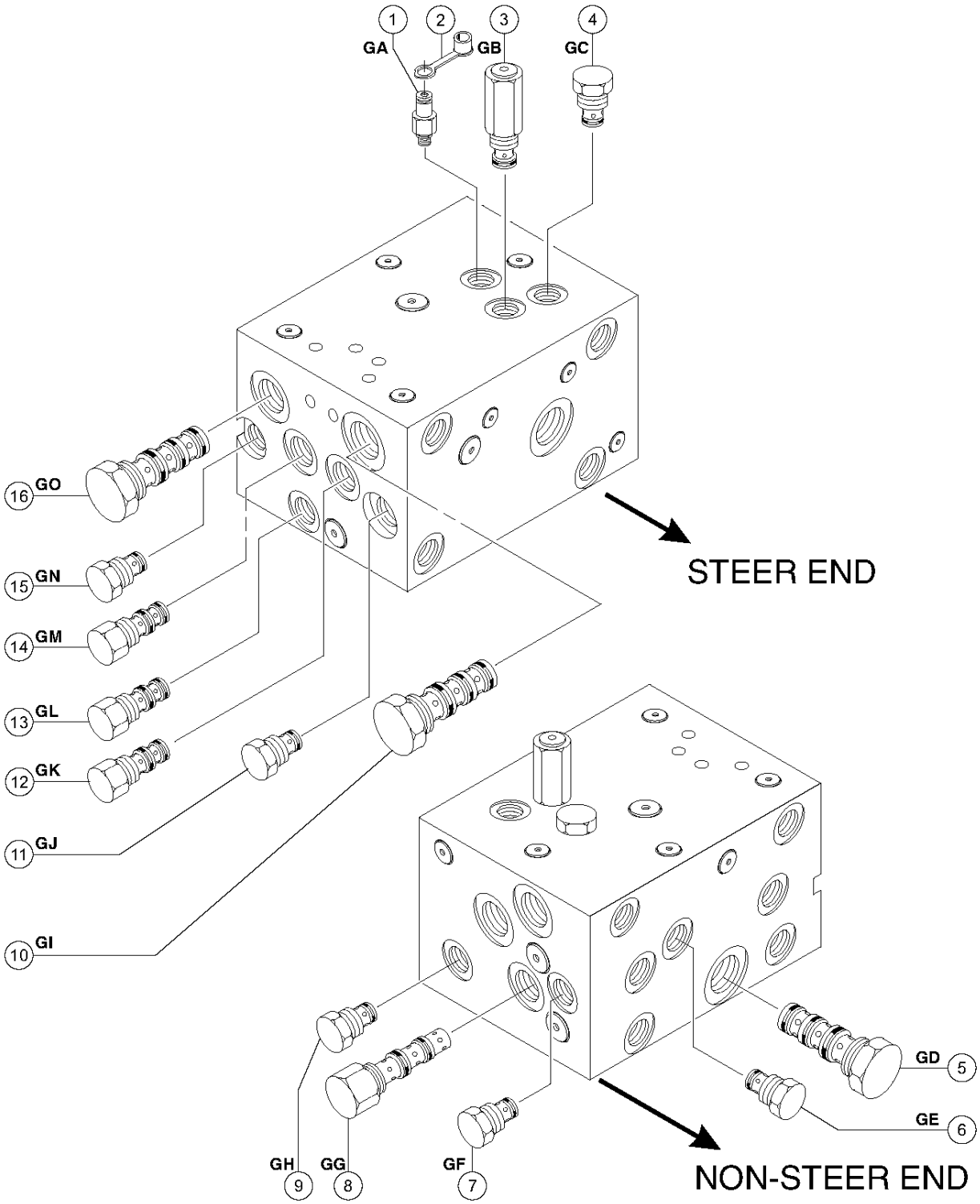
Item	Part No.	Description	Qty.
A-	101174GT	JOYSTICK,2 AXIS,DEUTSCH OEM joystick (calibration required after replacement)	
B-	101174HGT	JOYSTICK,DUAL AXIS W/KNOB aftermarket joystick (calibration required after replacement)	
C-	101175GT	JOYSTICK,1 AXIS,DEUTSCH OEM joystick (calibration required after replacement)	
D-	101175HGT	JOYSTICK,SINGLE AXIS W/KNOB aftermarket joystick (calibration required after replacement)	
E-	101005GT	JOYSTICK,1 AXIS ROCKER,DEUTSCH OEM joystick (calibration required after replacement)	
F-	101005HGT	JOYSTICK, SINGLE AXIS W/STEER aftermarket joystick (calibration required after replacement)	
G-	83098GT	TERM,AMP MTE,SOC,22-26 GA BULK	
H-	119613GT	HARN JOYSTICK ADAPTOR JS100 Used only on units prior to SN 7227	
Z	1269501GT	KIT, ISOLATION, 3 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 2WD Traction Manifold



Item	Part No.	Description	Qty.
A-	88783GT	MANIFOLD,TRACTION,2WD	
B-	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
C-	49612GT	O-RING KIT (ORFS FITTINGS)	
D-	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
E-	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	94758GT	VALVE,RELIEF,280PSI TT, Charge pressure circuit	
1-	110194GT	SEAL KIT, VALVE, #10	
2	52726GT	VALVE,FLOW DIVIDER/COMBINER WW, Controls flow to drive motors in forward and reverse	
2-	84135GT	SEAL KIT, VALVE	
3	27836GT	VALVE,CHECK,5 PSI SS, Drive circuit	
3-	110194GT	SEAL KIT, VALVE, #10	
4	27836GT	VALVE,CHECK,5 PSI XX, Drive circuit	
4-	110194GT	SEAL KIT, VALVE, #10	
5	27761GT	VALVE,SHUTTLE UU, Controls flow to drive motors in forward and reverse	
5-	84134GT	SEAL KIT, VALVE	
6	101440GT	ORIFICE PLUG, 0.070" VV, Equalizes flow across flow divider/combiner valve WW	

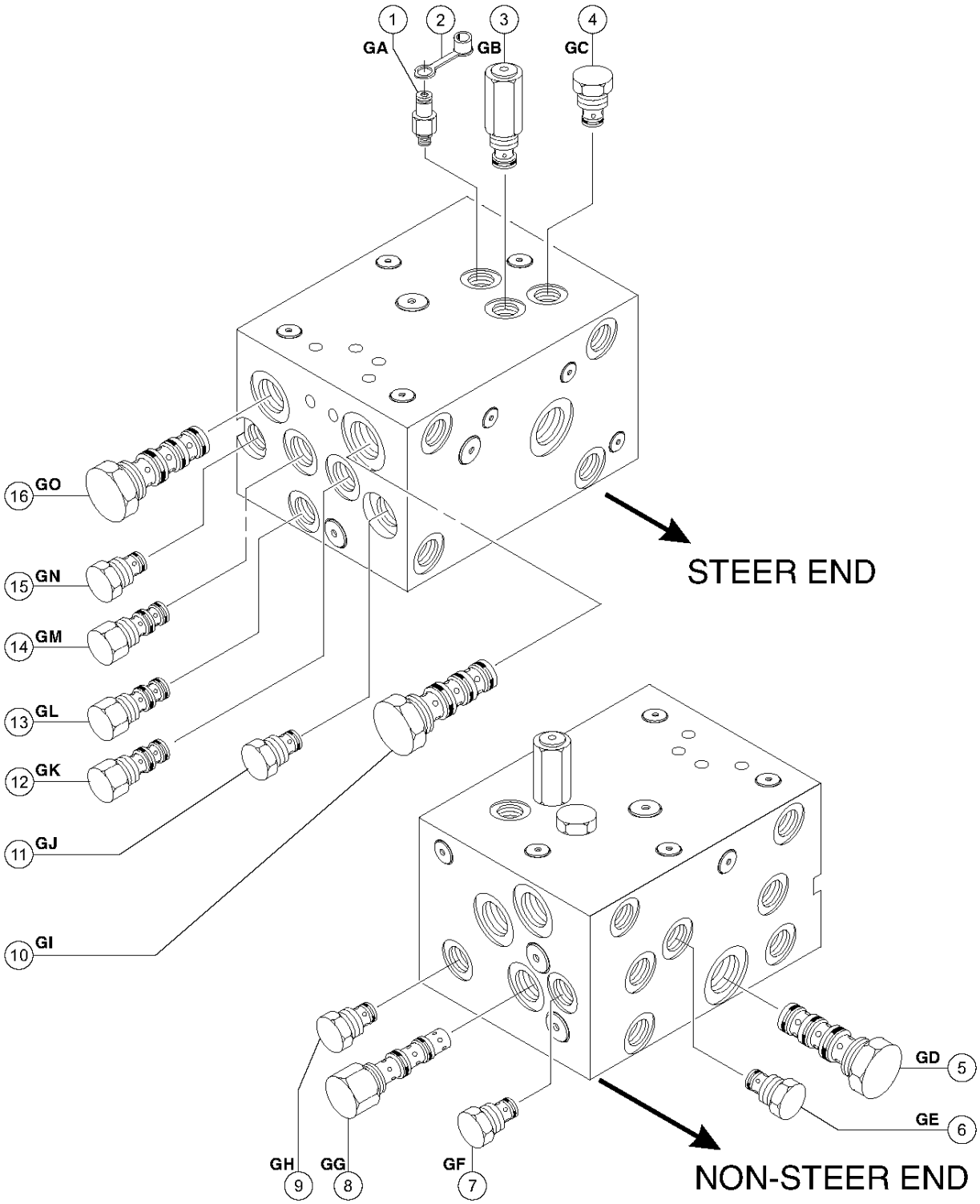
702.1 4WD Traction Manifold (to SN 10153)



702.1 4WD Traction Manifold (to SN 10153)

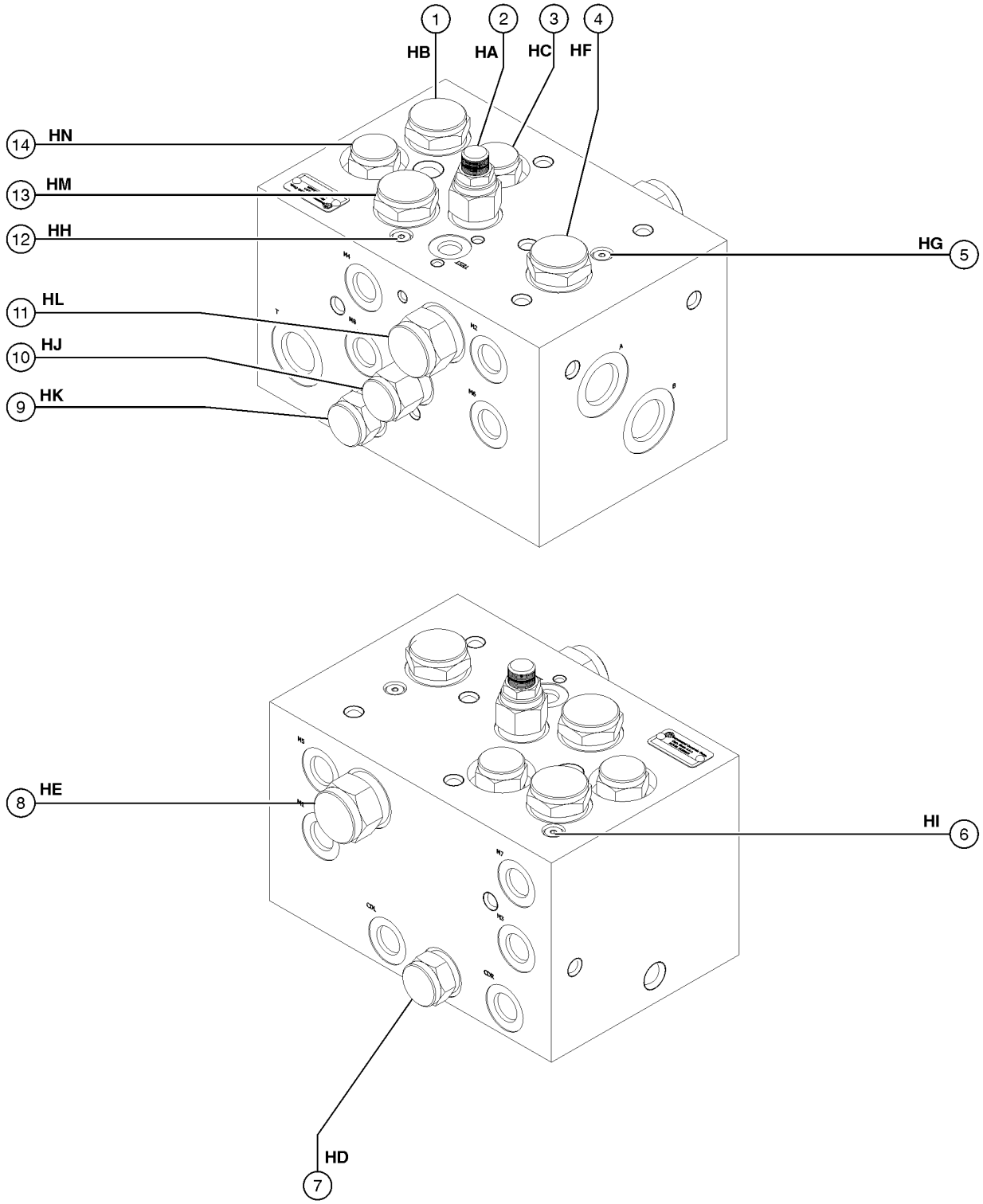
Item	Part No.	Description	Qty.
A-		Ref. 4WD traction manifold part 81055 is no longer available; for its complete replacement . customer must order part 139712 (refer to 702.2)	
B-	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
C-	49612GT	O-RING KIT (ORFS FITTINGS)	
D-	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
E-	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	48997GT	NIPPLE,DIAGNOSTIC,#4 GA, Testing	
1-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	
2	48880GT	CAP,DIAGNOSTIC NIPPLE	
3	62253GT	VALVE,RELIEF,250 PSI GB, Change pressure circuit	
4	69873GT	VALVE, CHECK GC, Drive motor anti-cavitation	
5	52726GT	VALVE,FLOW DIVIDER/COMBINER GD, Controls flow to flow divider/combiner valves GI and GO circuit	
5-	84135GT	SEAL KIT, VALVE	
6	69873GT	VALVE, CHECK GE, Drive motor anti-cavitation	
7	27836GT	VALVE,CHECK,5 PSI GF, Drive motor anti-cavitation	
7-	110194GT	SEAL KIT, VALVE, #10	
8	27761GT	VALVE,SHUTTLE GG, Charge pressure circuit that gets hot oil out of low pressure side of drive pump	
8-	84134GT	SEAL KIT, VALVE	
9	27836GT	VALVE,CHECK,5 PSI GH, Drive motor anti-cavitation	
9-	110194GT	SEAL KIT, VALVE, #10	
10	62252GT	VALVE, FLOW DIVIDER COMBINER GI, Controls flow to steer end drive motors in forward and reverse	
10-	84135GT	SEAL KIT, VALVE	
11	69873GT	VALVE, CHECK GJ, Drive motor anti-cavitation	
12	52723GT	VALVE-FLOW REGULATOR 2 GPM GK, Equalizes pressure on both sides of flow divider / combiner valve GI	
13	52723GT	VALVE-FLOW REGULATOR 2 GPM GL, Equalizes pressure on both sides of flow divider / combiner valve GD	
13-	89310GT	SEAL KIT, SOLENOID VALVE	
14	52723GT	VALVE-FLOW REGULATOR 2 GPM GM, Equalizes pressure on both sides of flow divider / combiner valve GO	
14-	89310GT	SEAL KIT, SOLENOID VALVE	
15	69873GT	VALVE, CHECK GN, Drive motor anti-cavitation	

702.1 4WD Traction Manifold (to SN 10153)



Item	*Part No.*	*Description*	*Qty.*
16	62252GT	VALVE, FLOW DIVIDER COMBINER ..... GO, Controls flow to non-steer end drive motors in forward and reverse	
16-	84135GT	SEAL KIT, VALVE	

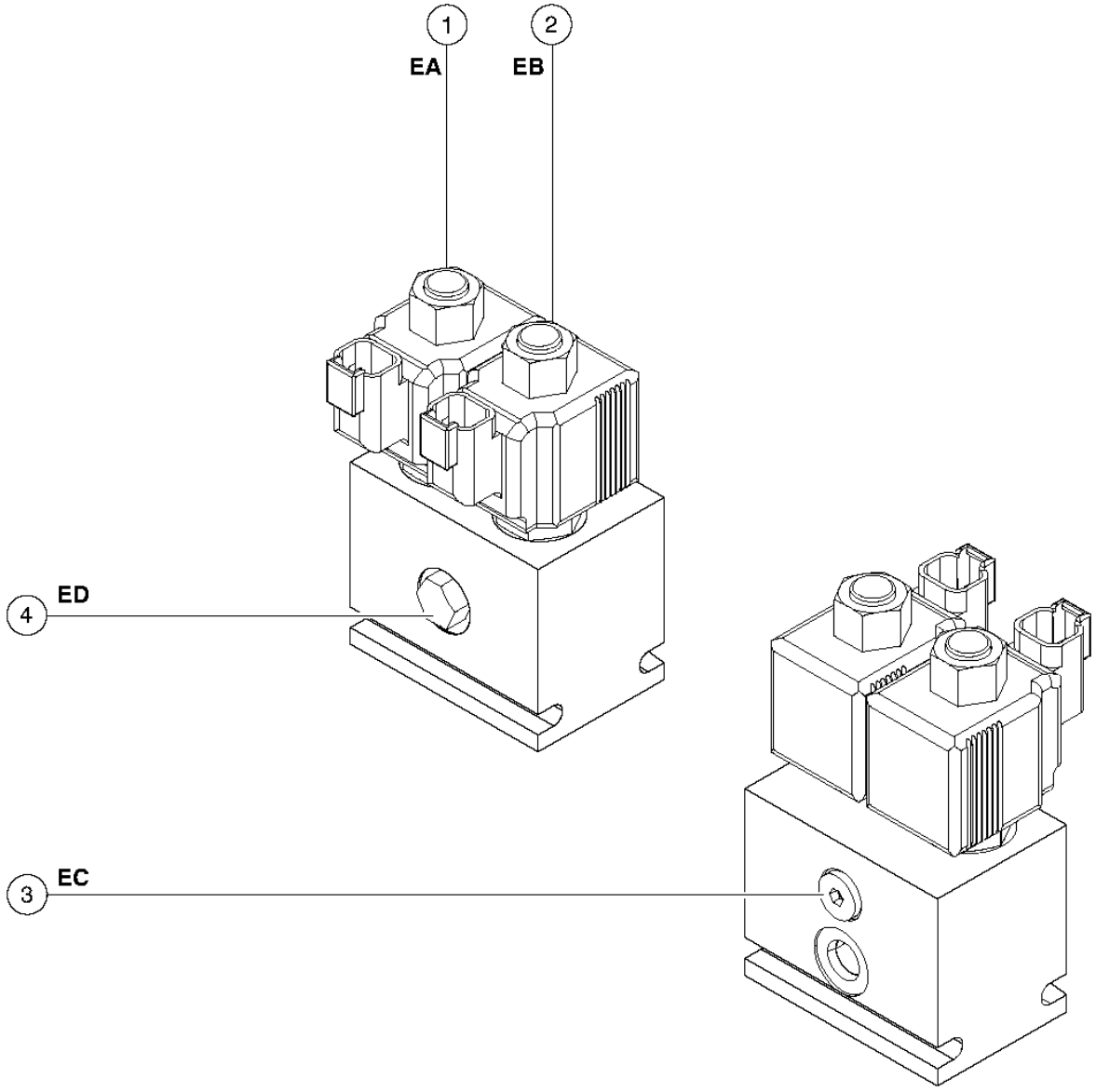
702.2 4WD Traction Manifold (from SN 10154)



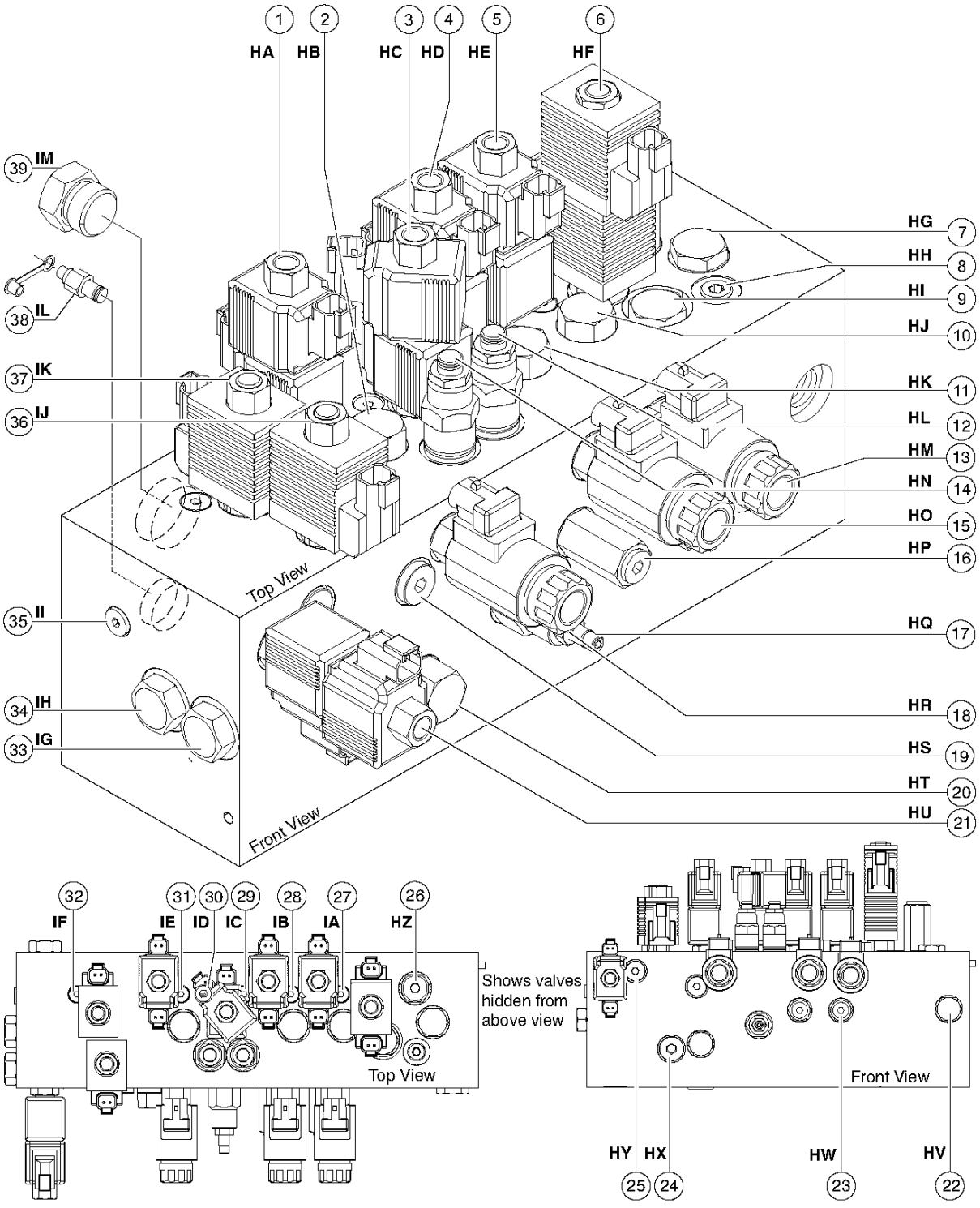
702.2 4WD Traction Manifold (from SN 10154)

Item	Part No.	Description	Qty.
A-	139712GT	MANIFOLD,TRACTION,4WD*** (complete)	
A-	1287434GT	PLUG,SAE #03 (139712) Plug for ORIFICE, 0.040"	
B-	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
C-	49612GT	O-RING KIT (ORFS FITTINGS)	
D-	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
E-	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	139717GT	VALVE, FLOW DIVIDE/COMB,24GPM HB, (controls flow to non-steer end drive motors in forward and reverse)	1
1-	139512GT	SEAL KIT, VALVE	
2	139718GT	VALVE, RELIEF, 280PSI HA, (charge pressure circuit)	1
2-	139528GT	SEAL KIT, VALVE	
3	139527GT	VALVE, CHECK, 5PSI HC, (steer end drive motor circuit)	1
4	139508GT	VALVE, FLOW DIVIDE/COMBINE 1:1 HF, (controls flow to flow divider/combiner valves 1 and 13)	1
5	139719GT	ORIFICE, 0.040" HG, (equalizes pressure on both sides of flow divider/combiner valve)	1
6	139719GT	ORIFICE, 0.040" HI, (equalizes pressure on both sides of flow divider/combiner valve)	1
7	139527GT	VALVE, CHECK, 5PSI HD, (non-steer end drive motor circuit)	1
8	139716GT	VALVE, CHECK HE, (non-steer end drive motor circuit)	1
8-	139727GT	SEAL KIT, VALVE	
9	139527GT	VALVE, CHECK, 5PSI HK, (steer end drive motor circuit)	1
10	139715GT	VALVE, SHUTTLE, FIXED HJ, (steer end drive motor circuit)	1
10-	139512GT	SEAL KIT, VALVE	
11	139716GT	VALVE, CHECK HL, (charge pressure circuit that directs hot oil out of low pressure side of drive pump)	1
12	139719GT	ORIFICE, 0.040" HH, (equalizes pressure on both sides of flow divider/combiner valve)	1
13	139717GT	VALVE, FLOW DIVIDE/COMB,24GPM HM, (controls flow to steer end drive motors in forward and reverse)	1
13-	139512GT	SEAL KIT, VALVE	
14	139527GT	VALVE, CHECK, 5PSI HN, (non-steer end drive motor circuit)	1

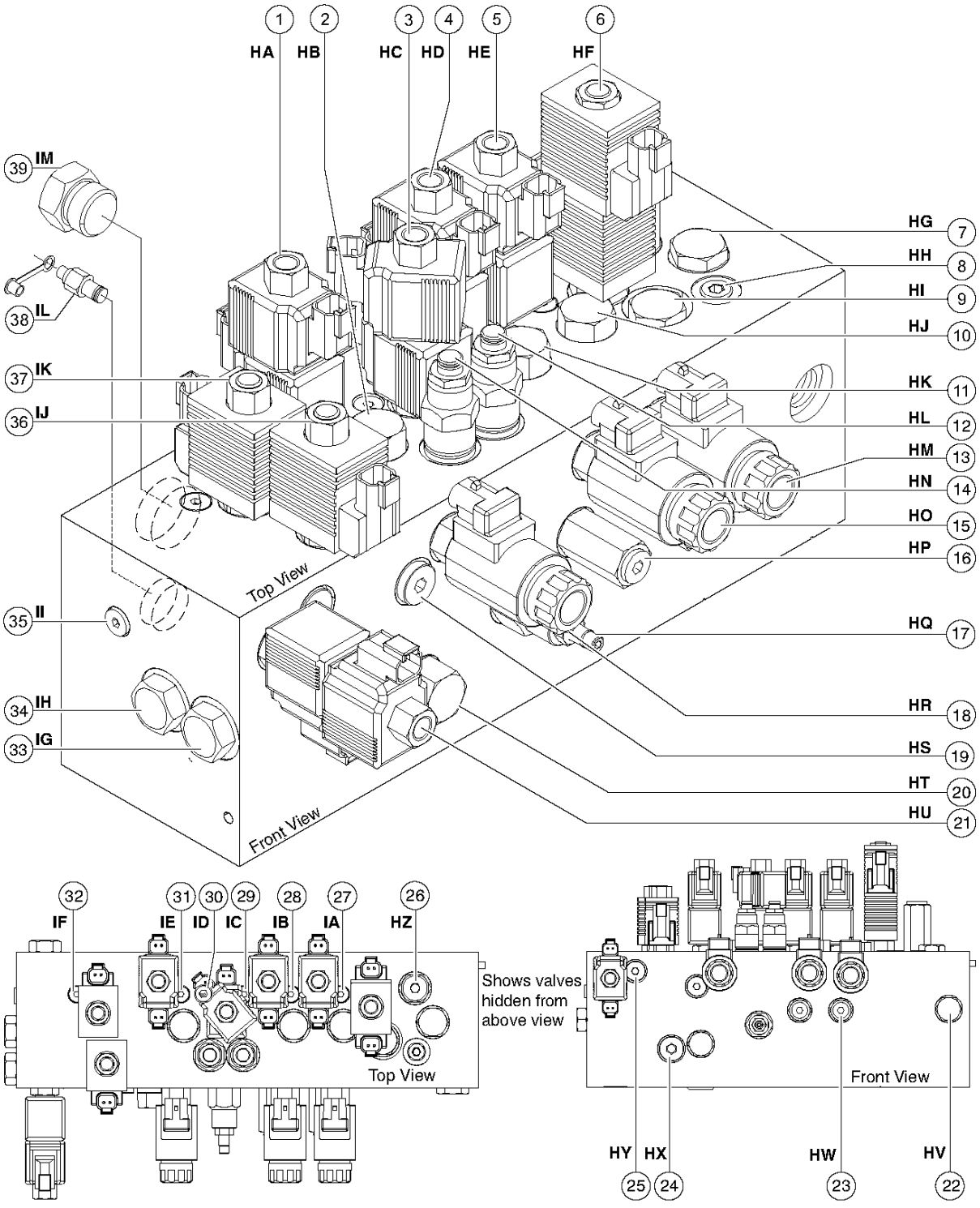
703.1 Two-Speed/Brake Manifold



Item	*Part No.*	*Description*	*Qty.*
A-	102030GT	MANIFOLD,BRAKE/MOTOR SHIFT***	
B-	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
C-	49612GT	O-RING KIT (ORFS FITTINGS)	
D-	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
E-	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	89769GT	VALVE - SOLENOID 2 POS 2 WAY EA, Brake	
1-	89733GT	COIL SOLENOID VALVE***	
1-	89735GT	NUT ASSY (89769)*** includes coil nut	
1-	89770GT	SEAL KIT, SOLENOID VALVE	
2	89769GT	VALVE - SOLENOID 2 POS 2 WAY EB, Two Speed motor shift	
2-	89733GT	COIL SOLENOID VALVE***	
2-	89735GT	NUT ASSY (89769)*** includes coil nut	
2-	89770GT	SEAL KIT, SOLENOID VALVE	
3	27807GT	VALVE,CHECK*** EC, Pressure circuit	
3-	110200GT	SEAL KIT, VALVE, #4	
4	89300GT	PLUG, .042 ORIFICE, 1/16 NPT ED, Tank circuit	

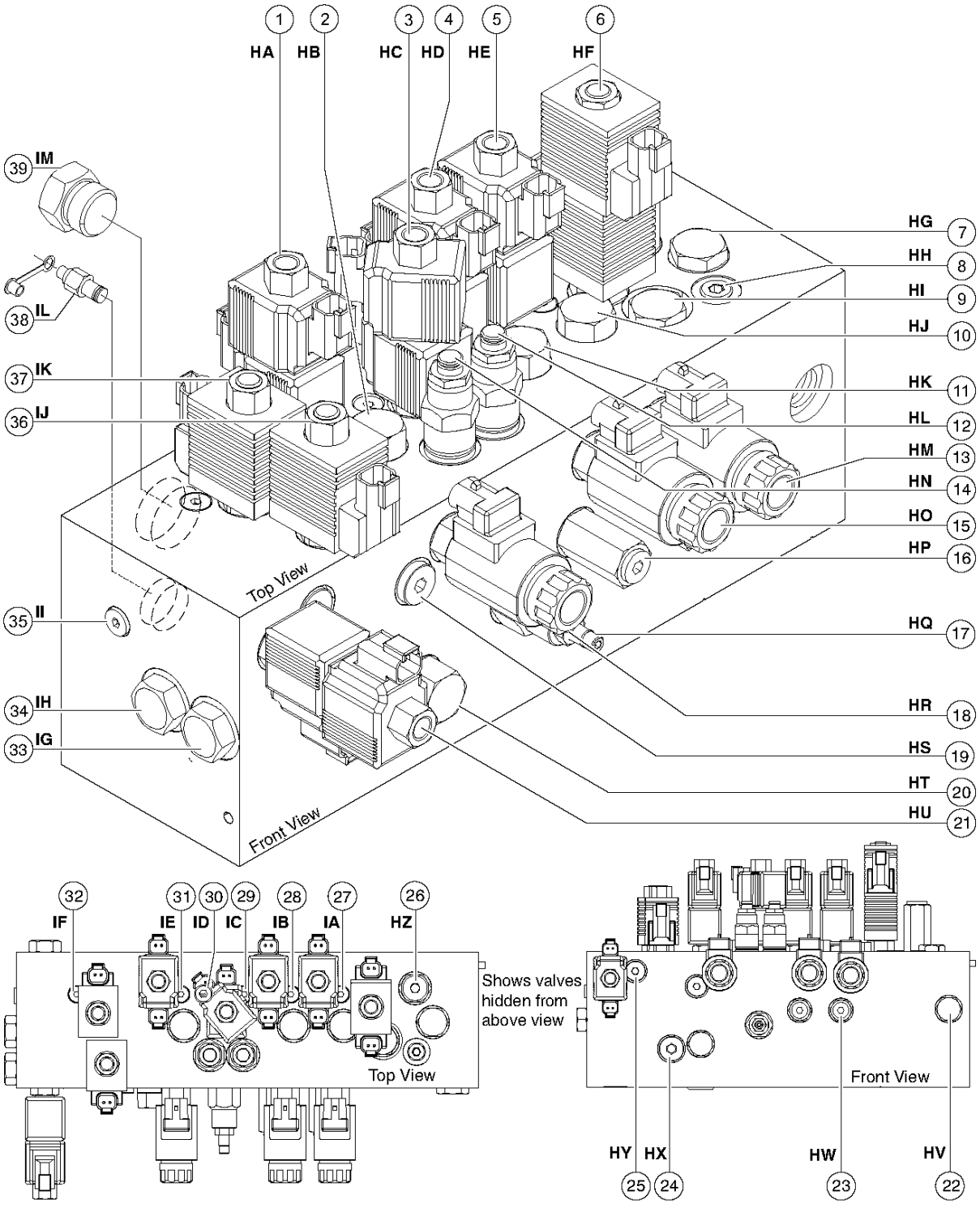

1 HA
2 HB
3 HC
4 HD
5 HE
6 HF
39 IM
38 IL
37 IK
36 IJ
35 II
34 IH
33 IG
HG 7
HH 8
HI 9
HJ 10
HK 11
HL 12
HM 13
HN 14
HO 15
HP 16
HQ 17
HR 18
HS 19
HT 20
HU 21
Top View
Front View
32 IF
31 IE
30 ID
29 IC
28 IB
27 IA
26 HZ
Top View
Shows valves hidden from above view
Front View
HY 25
HX 24
HW 23
HV 22

Item	Part No.	Description	Qty.
A-	111702GT	MANIFOLD,FUNCTION,Z60	
	1260125GT	PLUG, 8 SAE, TAPERED, BUNA for 111702	
	1260124GT	PLUG, 6 SAE, TAPERED, BUNA for 111702	
	69550GT	PLUG,ORB #4 for 111702	
B-	102172GT	HARNESS,FUNCTION MANIFOLD,Z60	
C-	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
D-	49612GT	O-RING KIT (ORFS FITTINGS)	
E-	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
F-	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	89726GT	VALVE KIT, SOLENOID, 3POS 4WAY HA, Turntable rotate left/right	
1-	102531GT	VALVE,SOLENOID (89726)	
1-	89733GT	COIL SOLENOID VALVE***	
1-	89734GT	SEAL KIT,SOLENOID VALVE	
1-	102940GT	NUT,SOLENOID VALVE	
2	27802GT	VALVE,DIFFERENTIAL SENSING*** HB, Turntable rotate left/right	
3	89726GT	VALVE KIT, SOLENOID, 3POS 4WAY HC, Platform level up/down	
3-	102531GT	VALVE,SOLENOID (89726)	
3-	89733GT	COIL SOLENOID VALVE***	
3-	89734GT	SEAL KIT,SOLENOID VALVE	
3-	102940GT	NUT,SOLENOID VALVE	
4	89726GT	VALVE KIT, SOLENOID, 3POS 4WAY HD, Primary boom up/down	
4-	102531GT	VALVE,SOLENOID (89726)	
4-	89733GT	COIL SOLENOID VALVE***	
4-	89734GT	SEAL KIT,SOLENOID VALVE	
4-	102940GT	NUT,SOLENOID VALVE	
5	89726GT	VALVE KIT, SOLENOID, 3POS 4WAY HE, Secondary boom up/down	
5-	102531GT	VALVE,SOLENOID (89726)	
5-	89733GT	COIL SOLENOID VALVE***	

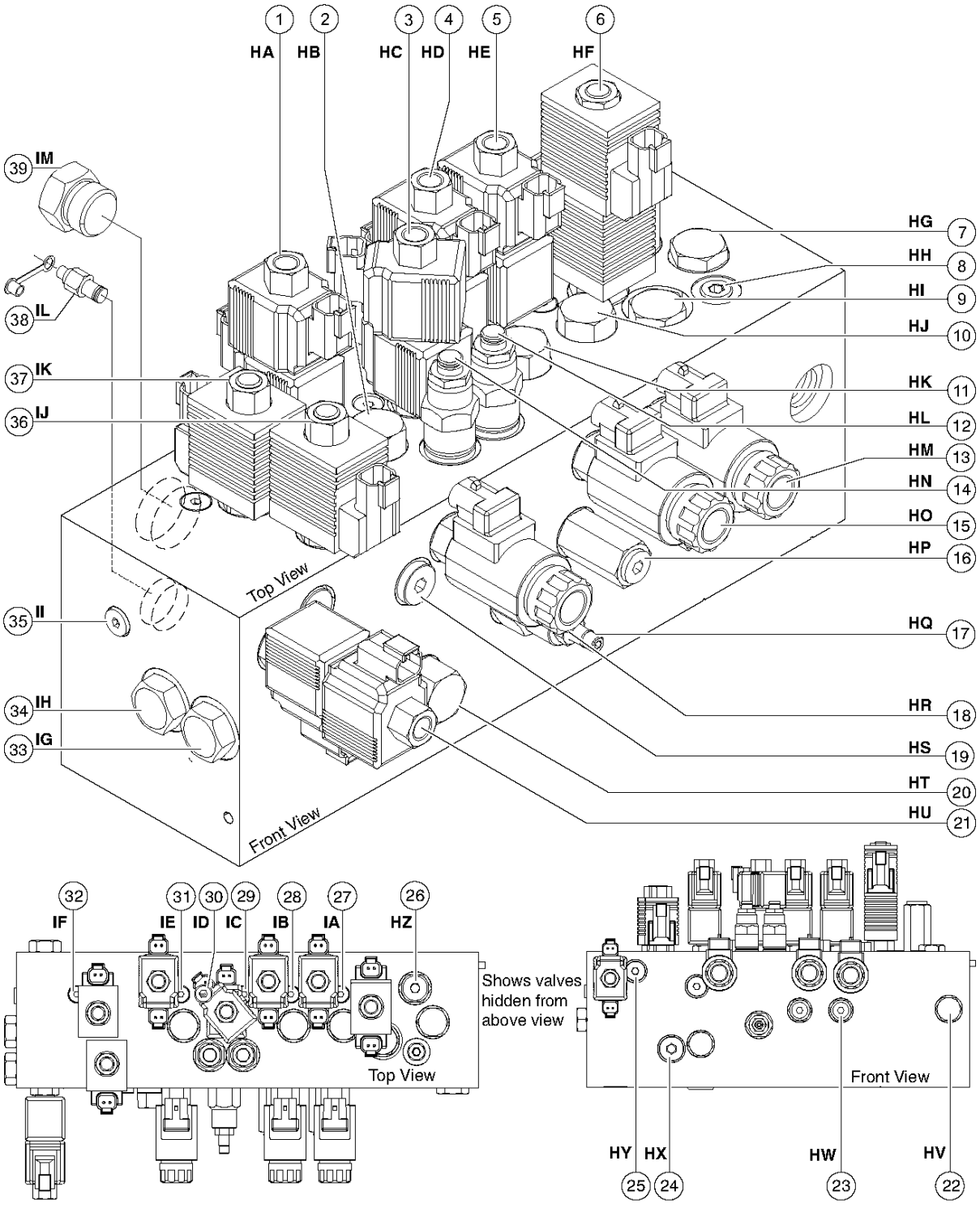

1 HA
2 HB
3 HC
4 HD
5 HE
6 HF
39 IM
38 IL
37 IK
36 IJ
35 II
34 IH
33 IG
HG 7
HH 8
HI 9
HJ 10
HK 11
HL 12
HM 13
HN 14
HO 15
HP 16
HQ 17
HR 18
HS 19
HT 20
HU 21
Top View
Front View
32 IF
31 IE
30 ID
29 IC
28 IB
27 IA
26 HZ
Top View
Shows valves hidden from above view
Front View
HY 25
HX 24
HW 23
HV 22

Item	Part No.	Description	Qty.
5-	89734GT	SEAL KIT,SOLENOID VALVE	
5-	102940GT	NUT,SOLENOID VALVE	
6	111703GT	VALVE,SOLENOID 3 POS,4 WAY*** HF, Steer left/right	
6-	62277GT	COIL,10V	
6-	111778GT	COIL,10V DC(D10,26 WATT)	
6-	89722GT	SEAL KIT, SOLENOID VALVE	
6-	111779GT	SEAL KIT,VALVE,#10	
6-	52943GT	NUT, SOLENOID VALVE COIL	
7	27836GT	VALVE,CHECK,5 PSI HG, Pressure in from function pump	
7-	110194GT	SEAL KIT, VALVE, #10	
8	48997GT	NIPPLE,DIAGNOSTIC,#4 HH, Testing	
8-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	
8-	48880GT	CAP,DIAGNOSTIC NIPPLE	
9	111705GT	VALVE,FLOW REGULATOR 3.5 GPM** HI, Steer left/right	
10	27802GT	VALVE,DIFFERENTIAL SENSING*** HJ, Secondary boom up/down	
11	27802GT	VALVE,DIFFERENTIAL SENSING*** HK, Primary boom up/down	
12	62256GT	VALVE,CB 3:1 3500 PSI HL, Platform level up/down and motion control	
12-	110202GT	SEAL KIT, VALVE, #10	
13	102528GT	VALVE,PROPORTIONAL HM, Secondary boom down	
13-	89738GT	NUT, PROPORTIONAL VALVE	
13-	89737GT	COIL, PROPORTIONAL VALVE***	
13-	102526GT	O-RING, PROPORTIONAL VALVE	
14	62256GT	VALVE,CB 3:1 3500 PSI HN, Plafform level up/down and motion control	
14-	110202GT	SEAL KIT, VALVE, #10	
15	102527GT	VALVE,PROPORTIONAL HO, Primary boom down	
15-	89312GT	SEAL KIT, SOLENOID VALVE	
15-	89738GT	NUT, PROPORTIONAL VALVE	
15-	89737GT	COIL, PROPORTIONAL VALVE***	

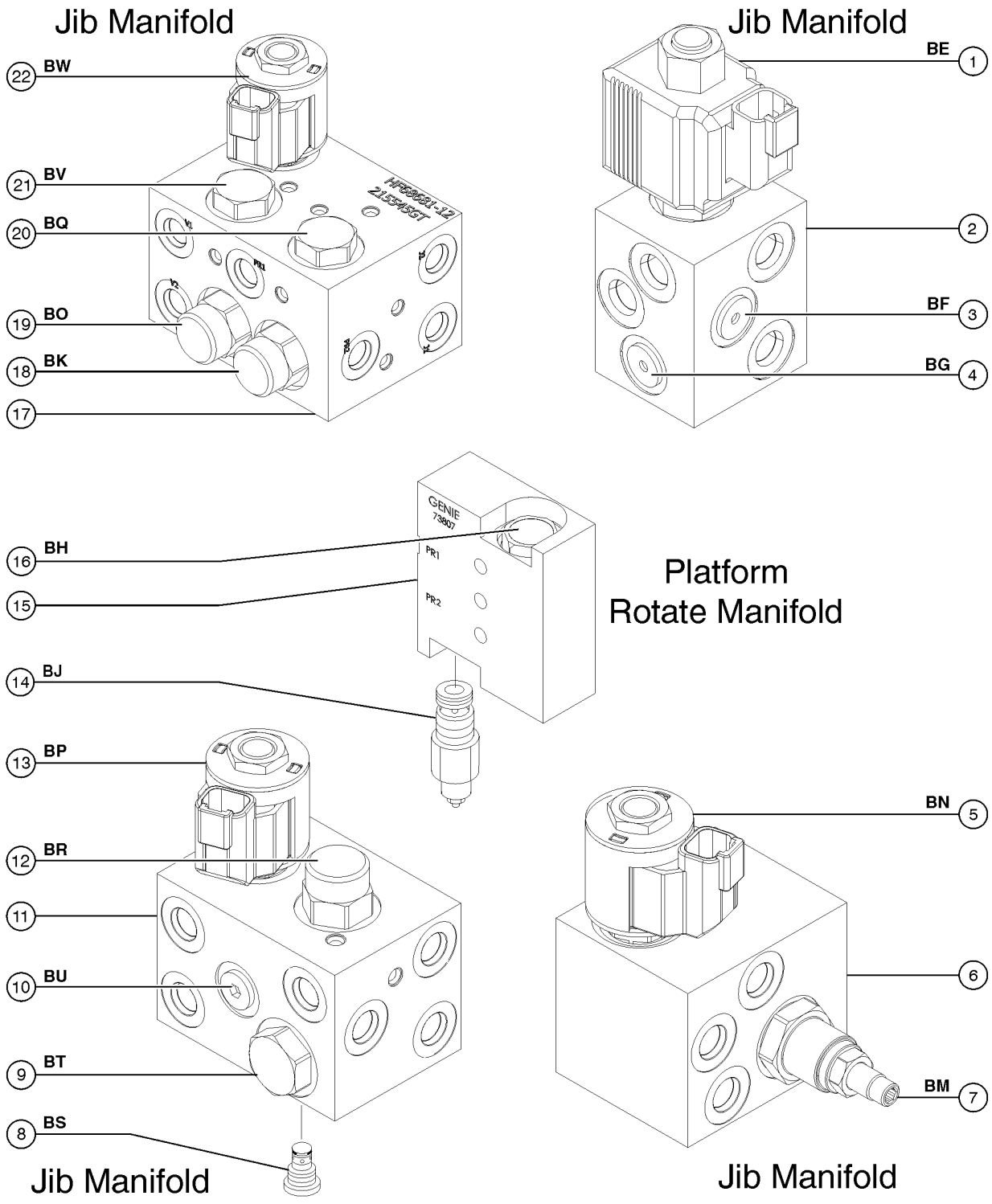
704.1 Function Manifold



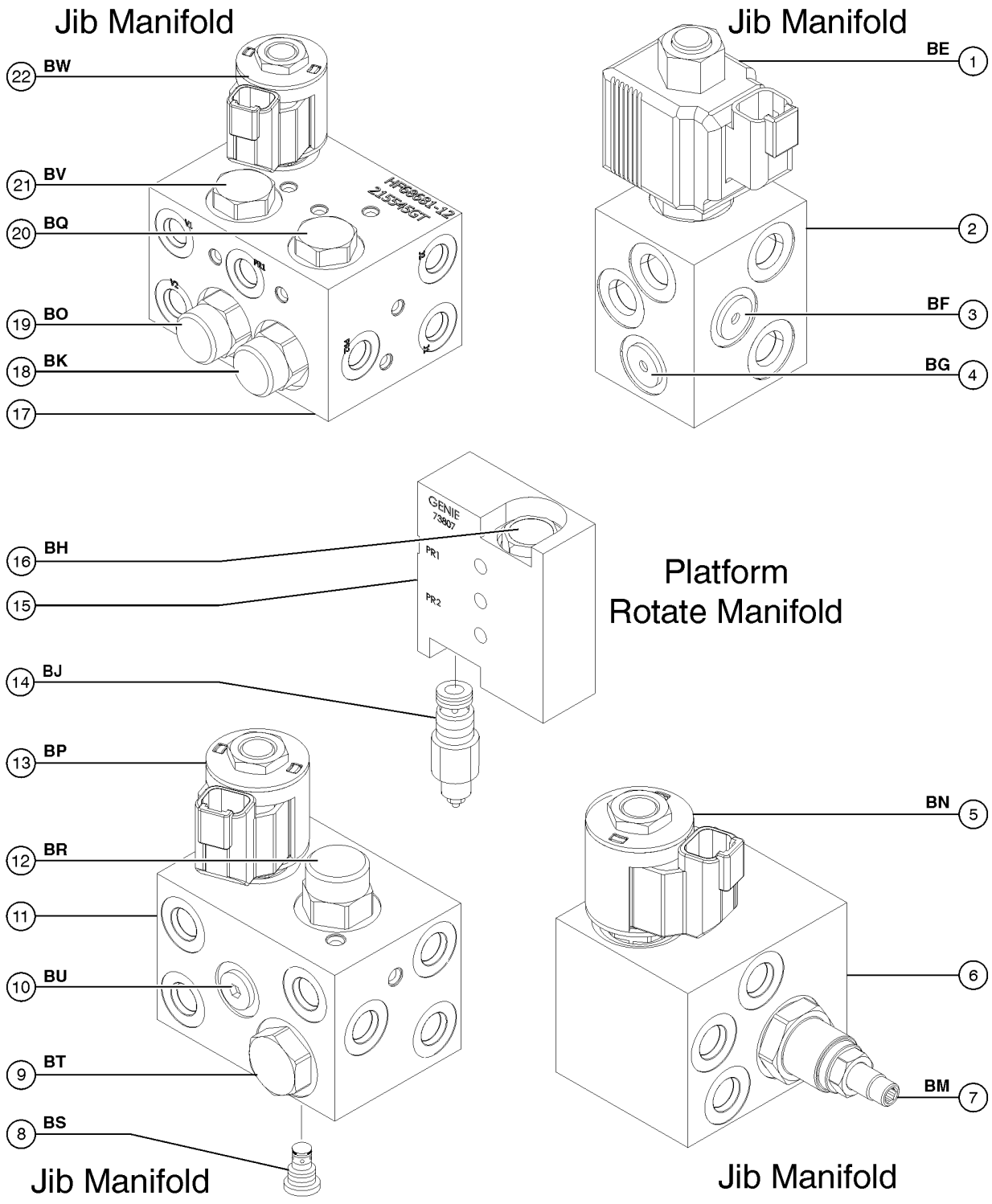
Item	Part No.	Description	Qty.
15-	102526GT	O-RING, PROPORTIONAL VALVE	
16	31527GT	VALVE,RELIEF 1800 PSI HP, Primary boom up/down	
17	62258GT	VALVE,NEEDLE*** HQ, Platform level	
18	102527GT	VALVE,PROPORTIONAL HR, Turntable rotate left/right	
18-	89312GT	SEAL KIT, SOLENOID VALVE	
18-	89738GT	NUT, PROPORTIONAL VALVE	
18-	89737GT	COIL, PROPORTIONAL VALVE***	
18-	102526GT	O-RING, PROPORTIONAL VALVE	
19	89728GT	VALVE, FLOW CONTROL HS, Load sense circuit	
20	27804GT	VALVE,DIFFERENTIAL SENSING*** HT, Function pressure control	
21	89726GT	VALVE KIT, SOLENOID, 3POS 4WAY HU, Jib up/down and platform rotate left/right	
21-	102531GT	VALVE,SOLENOID (89726)	
21-	89733GT	COIL SOLENOID VALVE***	
21-	89734GT	SEAL KIT,SOLENOID VALVE	
21-	102940GT	NUT,SOLENOID VALVE	
22	62259GT	VALVE,CHECK 30 PSI HV, Tank return circuit	
23	102530GT	VALVE, RELIEF 1600 PSI HW, Secondary boom up/down	
24	89729GT	VALVE, FLOW CONTROL HX, Boom extend retract	
25	89730GT	VALVE, FLOW CONTROL HY, Jib Select	
26	102617GT	VALVE,RELIEF 2600 PSI HZ, System relief	
27	27807GT	VALVE,CHECK*** IA, Secondary boom up/down	
27-	110202GT	SEAL KIT, VALVE, #10	
28	27807GT	VALVE,CHECK*** IB, Primary boom up/down	
28-	110202GT	SEAL KIT, VALVE, #10	
29	27807GT	VALVE,CHECK*** IC, Platform level down	
29-	110202GT	SEAL KIT, VALVE, #10	
30	27807GT	VALVE,CHECK*** ID, Platform level up	
30-	110202GT	SEAL KIT, VALVE, #10	


1 HA
2 HB
3 HC
4 HD
5 HE
6 HF
39 IM
38 IL
37 IK
36 IJ
35 II
34 IH
33 IG
HG 7
HH 8
HI 9
HJ 10
HK 11
HL 12
HM 13
HN 14
HO 15
HP 16
HQ 17
HR 18
HS 19
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Top View
Front View
32 IF
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30 ID
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26 HZ
Top View
Shows valves hidden from above view
Front View
HY 25
HX 24
HW 23
HV 22

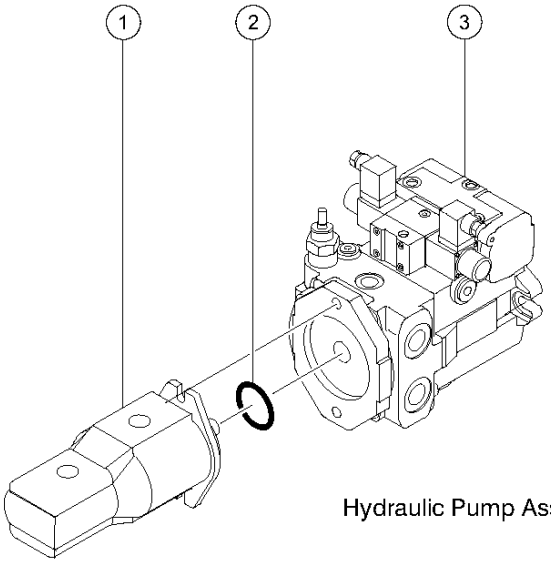
Item	Part No.	Description	Qty.
31	27807GT	VALVE,CHECK*** IE, Turntable rotate left/right	
31-	110202GT	SEAL KIT, VALVE, #10	
32	27807GT	VALVE,CHECK*** IF, Boom extend	
32-	110202GT	SEAL KIT, VALVE, #10	
33	89732GT	VALVE,CHECK IG, Jib select	
33-	110206GT	SEAL KIT, VALVE, COMATROL	
34	89732GT	VALVE,CHECK IH, Jib select	
34-	110206GT	SEAL KIT, VALVE, COMATROL	
35	27807GT	VALVE,CHECK*** II, Boom retract	
35-	110202GT	SEAL KIT, VALVE, #10	
36	89309GT	VALVE - SOLENOID 2POSITION 3WA IJ, Boom retract	
36-	89310GT	SEAL KIT, SOLENOID VALVE	
36-	45912GT	NUT,SOLENOID VALVE 2P3W	
36-	62275GT	COIL,10V	
37	89309GT	VALVE - SOLENOID 2POSITION 3WA IK, Boom retract	
37-	89310GT	SEAL KIT, SOLENOID VALVE	
37-	45912GT	NUT,SOLENOID VALVE 2P3W	
37-	62275GT	COIL,10V	
38	48997GT	NIPPLE,DIAGNOSTIC,#4 IL, Testing	
38-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	
38-	48880GT	CAP,DIAGNOSTIC NIPPLE	
39	89732GT	VALVE,CHECK IM, Jib boom select	
39-	110206GT	SEAL KIT, VALVE, COMATROL	


Jib Manifold
22 BW
21 BV
20 BQ
19 BO
18 BK
17
Jib Manifold
BE 1
2
BF 3
BG 4
GENIE
73907
PR1
PR2
16 BH
15
Platform
Rotate Manifold
14 BJ
13 BP
12 BR
11
10 BU
9 BT
8 BS
Jib Manifold
BN 5
6
BM 7
Jib Manifold

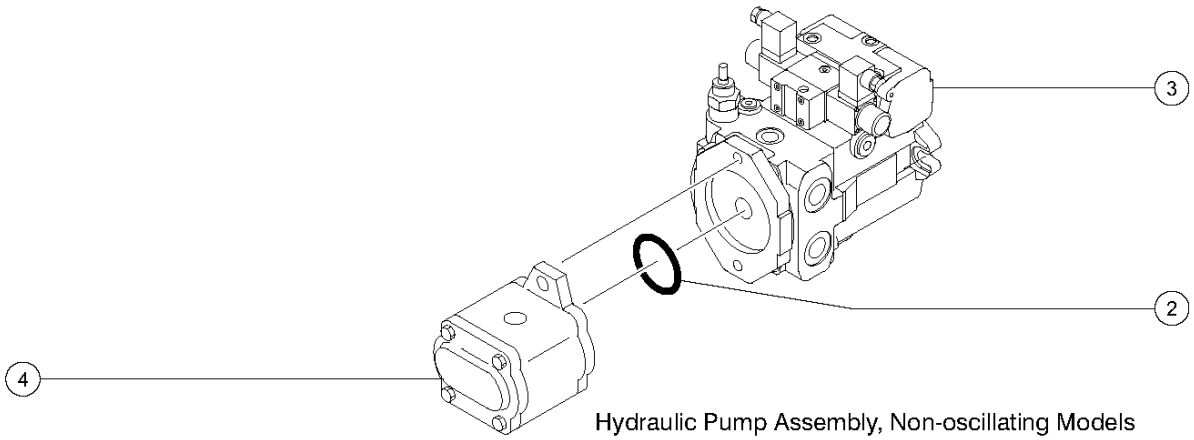
Item	Part No.	Description	Qty.
1	89769GT	VALVE - SOLENOID 2 POS 2 WAY BE, Jib boom/platform rotate select; to SN 10425	
1-	89733GT	COIL SOLENOID VALVE*** to SN 10425	
1-	89770GT	SEAL KIT, SOLENOID VALVE to SN 10425	
1-	89735GT	NUT ASSY (89769)*** includes coil nut; to SN 10425	
2		MANIFOLD,JIB,Z60 previous manifold 102029 (from SN 4551 to SN 10425) is no longer available, order newer manifold part 215545	
3	102496GT	ORIFICE,PLUG 0.030 BF, Platform rotate circuit; to SN 10425	
4	102496GT	ORIFICE,PLUG 0.030 BG, Platform rotate circuit; to SN 10425	
5	89862GT	VALVE-SOLENOID,2POS 3WAY,JIB** BN, Jib boom/platform rotate select; from SN 10426 to 11003	
5-	228866GT	COIL,SOLENOID VALVE from SN 10426 to 11003	
5-	89864GT	SEAL KIT,SOLENOID VALVE, SV07 from SN 10426 to 11003	
5-	44174GT	NUT-COIL SHORT from SN 10426 to 11003	
6		JIB MANIFOLD COMBINATION VALVE previous manifold T112471 (from SN 10426 to SN 11003) is no longer available, order newer manifold part 215545	
7	T112464GT	VALVE FLOW REGULATOR0.4GPM ADJ BM, Platform rotate regulator; from SN 10426 to 11003	
7-	62337GT	SEAL KIT, VALVE from SN 10426 to 11003	
8	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* BS, One way flow; from SN 11004 to 11477	
9	52370GT	VALVE,SHUTTLE,GS68 BT, Controls direction of flow; from SN 11004 to 11477	
10	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* BU, One way flow; from SN 11004 to 11477	
11		MANIFOLD,JIB,Z60,FIXED FLOW previous manifold 233995 (from SN 11004 to SN 11477) is no longer available, order newer manifold part 215545	
12	233994GT	VALVE,FLOW REG 0.8GPM FIXED BR, Platform rotate; from SN 11004 to 11477	
13	52897GT	VALVE,SOLENOID, 2POS/3WAY*** BP, Jib boom up/down; from SN 11004 to 11477	
13-	104759GT	COIL,12VDC #8 DTSCH IP69 ECOIL from SN 11004 to 11477	
13-	52371GT	SEAL KIT, VALVE from SN 11004 to 11477	
13-	44174GT	NUT-COIL SHORT from SN 11004 to 11477	
14	62506GT	VALVE - COUNTERBALANCE** BJ, Platform rotate right	
14-	43018GT	SEAL KIT (39345)	
15	73807GT	MANIFOLD,ROTATOR,CB***	
15-	62507GT	O-RING, ROTATOR MANIFOLD	


Jib Manifold
22 BW
21 BV
20 BQ
19 BO
18 BK
17
Jib Manifold
BE 1
2
BF 3
BG 4
GENIE
73907
PR1
PR2
16 BH
15
Platform
Rotate Manifold
14 BJ
13 BP
12 BR
11
10 BU
9 BT
8 BS
Jib Manifold
BN 5
6
BM 7
Jib Manifold

Item	Part No.	Description	Qty.
16	62506GT	VALVE - COUNTERBALANCE** ..... BH, Platform rotate left	
16-	43018GT	SEAL KIT (39345)	
17	215545GT	MANIFOLD,JIB,Z60,PRIORITY FLOW ..... from SN 11478	
18	216638GT	VALVE FLOW,REG 0.3GPM FIXED ..... BK, Platform rotate; from SN 11478	
18-	216640GT	SEAL KIT FOR 216638 ..... from SN 11478	
19	216638GT	VALVE FLOW,REG 0.3GPM FIXED ..... BO, Platform rotate; from SN 11478	
19-	216640GT	SEAL KIT FOR 216638 ..... from SN 11478	
20	46216GT	VALVE,CHECK,IWP-S/CWP PWR ASSI ..... BQ, Controls direction of flow; from SN 11478	
20-	44227GT	SEAL KIT, VALVE ..... from SN 11478	
21	46216GT	VALVE,CHECK,IWP-S/CWP PWR ASSI ..... BV, Controls direction of flow; from SN 11478	
21-	44227GT	SEAL KIT, VALVE ..... from SN 11478	
22	52897GT	VALVE,SOLENOID, 2POS/3WAY*** ..... BW, Jib boom up/down; from SN 11478	
22-	104759GT	COIL,12VDC #8 DTSCH IP69 ECOIL ..... from SN 11478	
22-	52371GT	SEAL KIT, VALVE ..... from SN 11478	
22-	44174GT	NUT-COIL SHORT ..... from SN 11478	



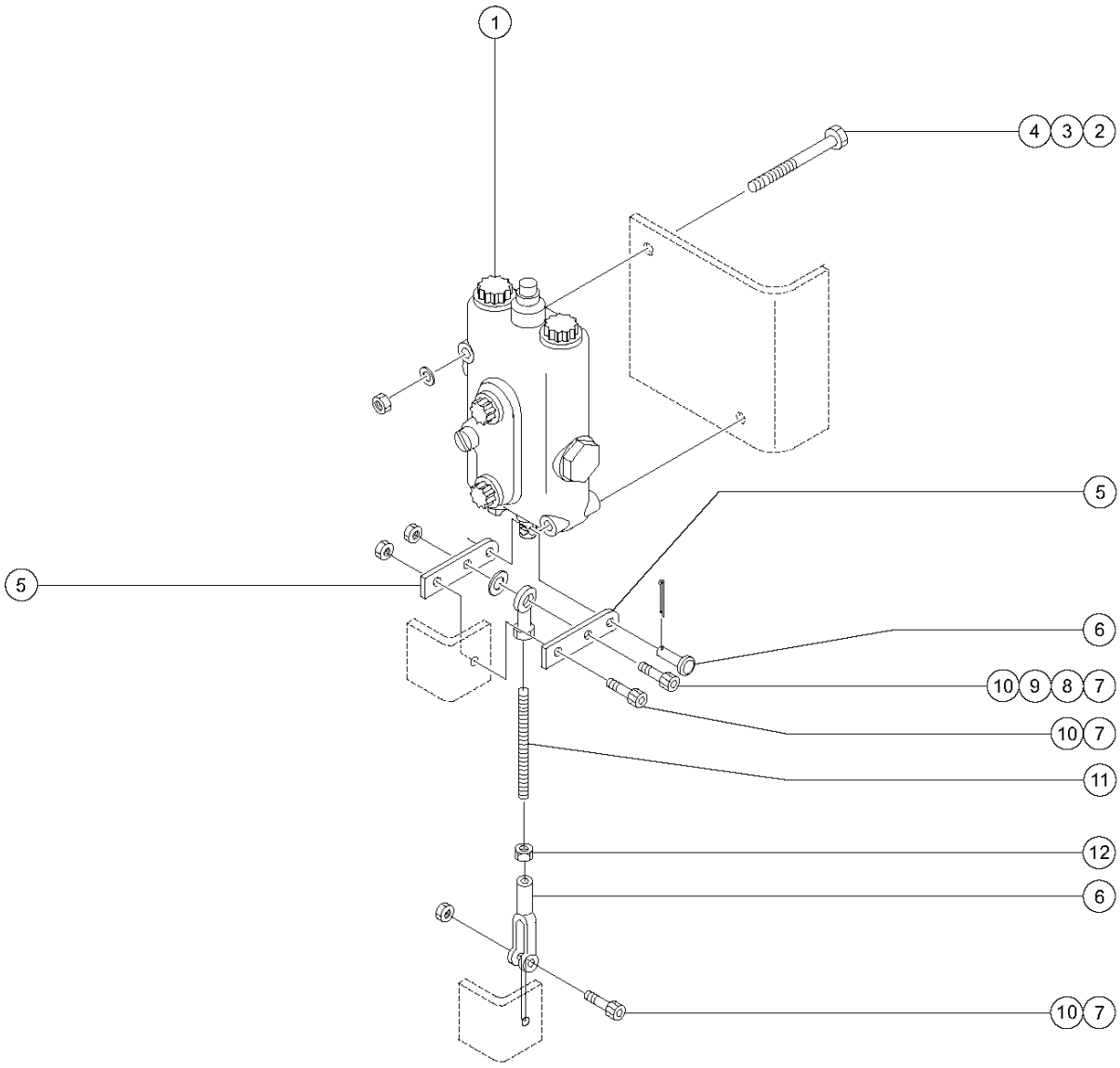
Hydraulic Pump Assembly, Oscillating Models



Hydraulic Pump Assembly, Non-oscillating Models

Item	Part No.	Description	Qty.
A	89932GT	PUMP ASSY,M46+17CC+6CC Oscillate models; 4WD models; includes items 1-3	
B	89933GT	PUMP ASSY,M46 + 17CC*** Non-oscillate models; 2WD models; includes items 2-4	
C	107842GT	KIT,PUMP SHAFT SEAL W/INST***	1
1	89858GT	FUNCTION GEAR PUMP,OSCILLATE** Oscillating models	1
1-	89859GT	SEAL KIT,GEAR PUMP (89858)	
2	83141GT	O-RING, .103 X 3.237, NBR/NTRL, 90D	1
3	89934GT	PUMP M46 VAR PISTON 2.8 CIU***	1
3-	29739GT	SEAL KIT,SAUER-DANFOSS M46***	
3-	77819GT	EDC ASSY,SAUER M46***	
3-	58290GT	VALVE,EDC,PILOT,SAUER,M46***	
4	53961GT	PUMP,LIFT 1.025 C.I.*** Non-oscillate models	1
4-	77990GT	KIT,SEAL,3CC PUMP***	

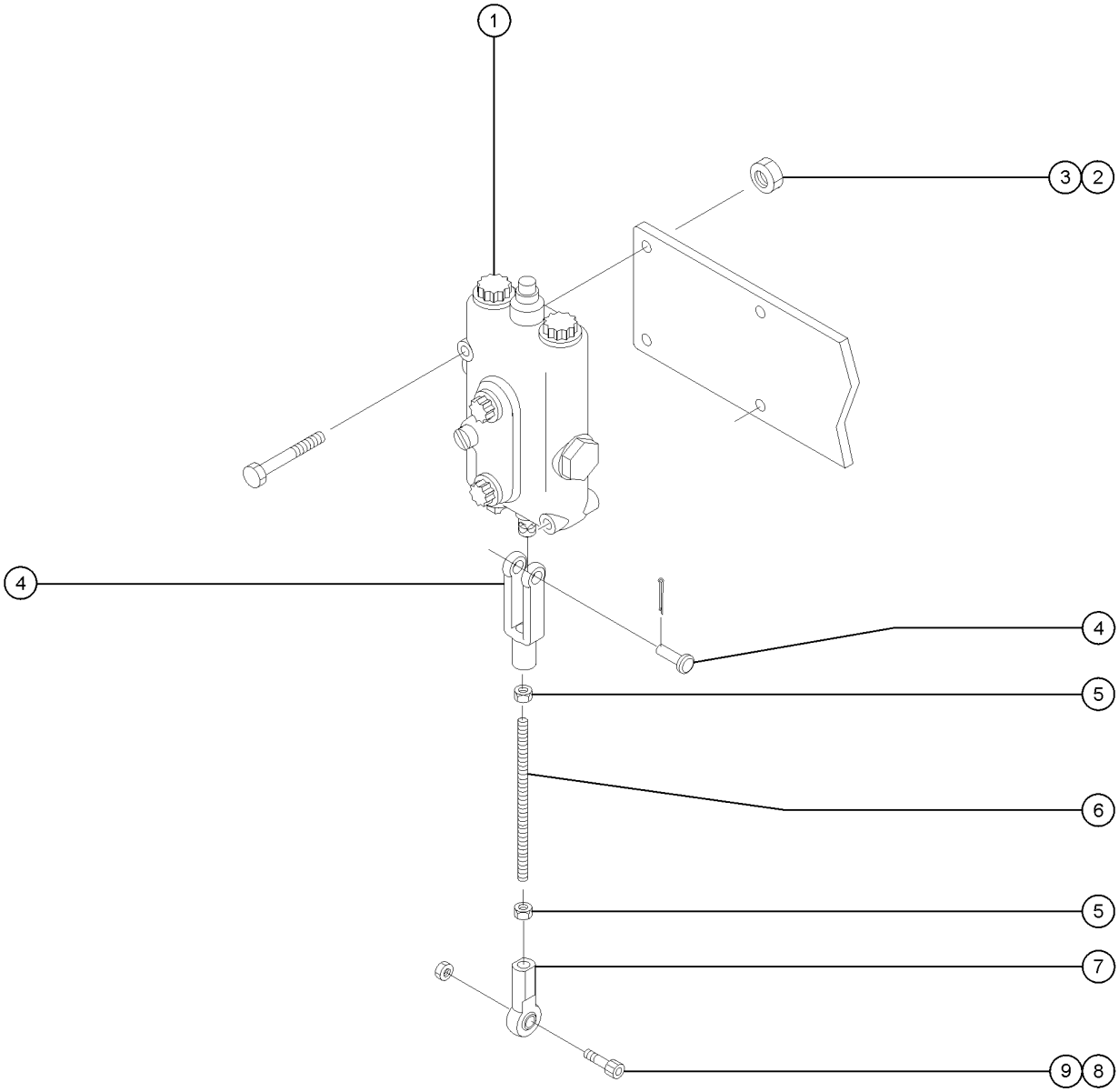
707.1 Oscillate Control Valve (to SN 5819)



707.1 Oscillate Control Valve (to SN 5819)

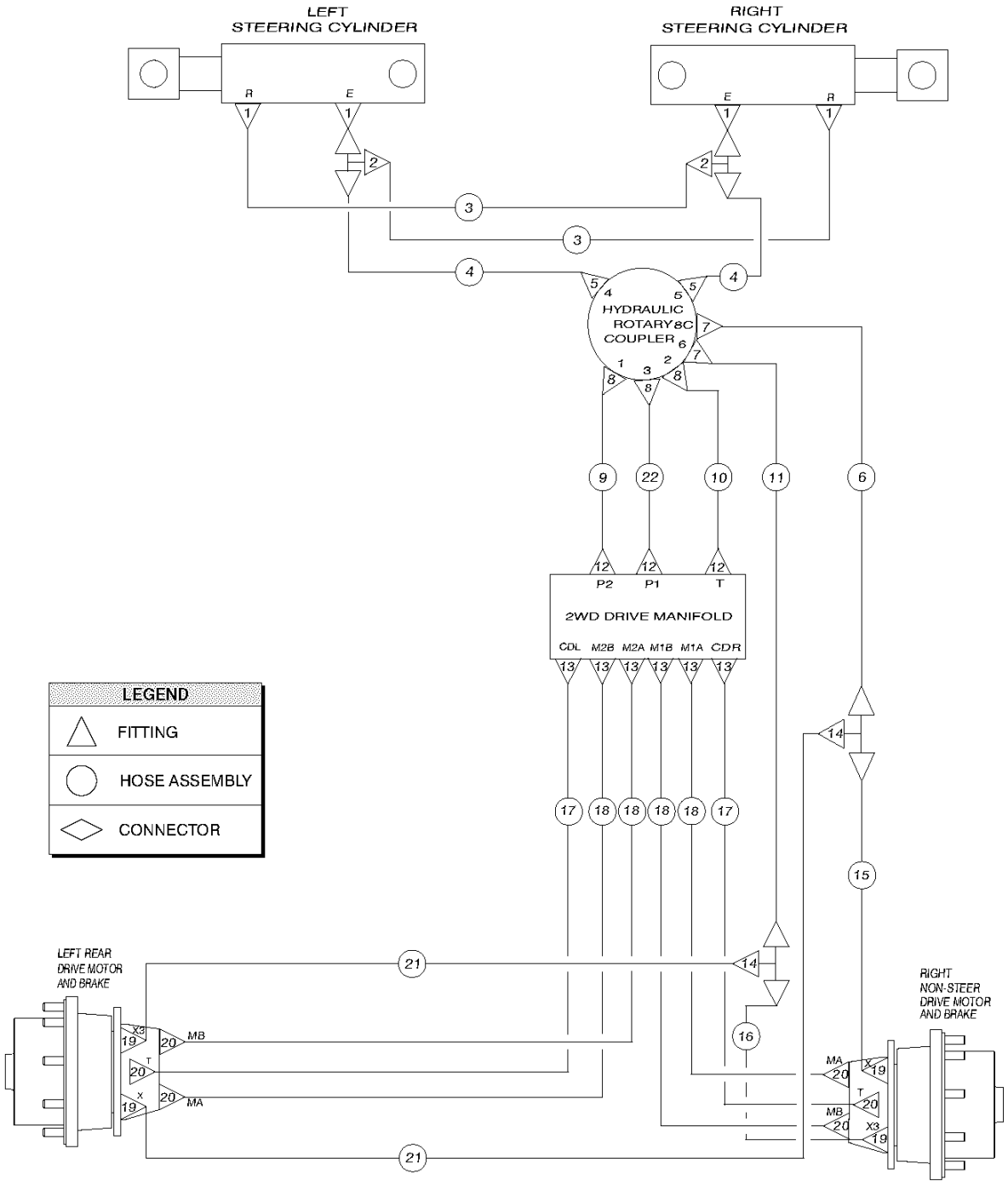
Item	*Part No.*	*Description*	*Qty.*
A-	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
B-	49612GT	O-RING KIT (ORFS FITTINGS)	
1	89520GT	VALVE,MANUAL,700 PSI no longer available	1
1-	32681GT	SEAL KIT,CONTROL VALVE	
2	4266GT	SCREW,HHC,1/4-20 X 2	
3	6091GT	NUT,NYLOCK,1/4-20	
4	6146GT	WASHER,FLAT,MS,#10,Y	
5	30884GT	OSCILLATE VALVE LINKAGE	2
6	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN includes clevis pin and cotter pin	1
7	6584GT	SCREW,SHS,10-24 X .625	
8	89431GT	ROD END,1/4-28 SPHERICAL	1
9	20980GT	WASHER,NYLON,.434 X.263X.049	
10	6178GT	NUT, NYLOCK, 10-32	
11	30785-275GT	THREADED ROD,1/4-28 X 2.75IN**	1
12	21496GT	NUT,HEX,1/4-28	

707.2 Oscillate Control Valve (from SN 5820)



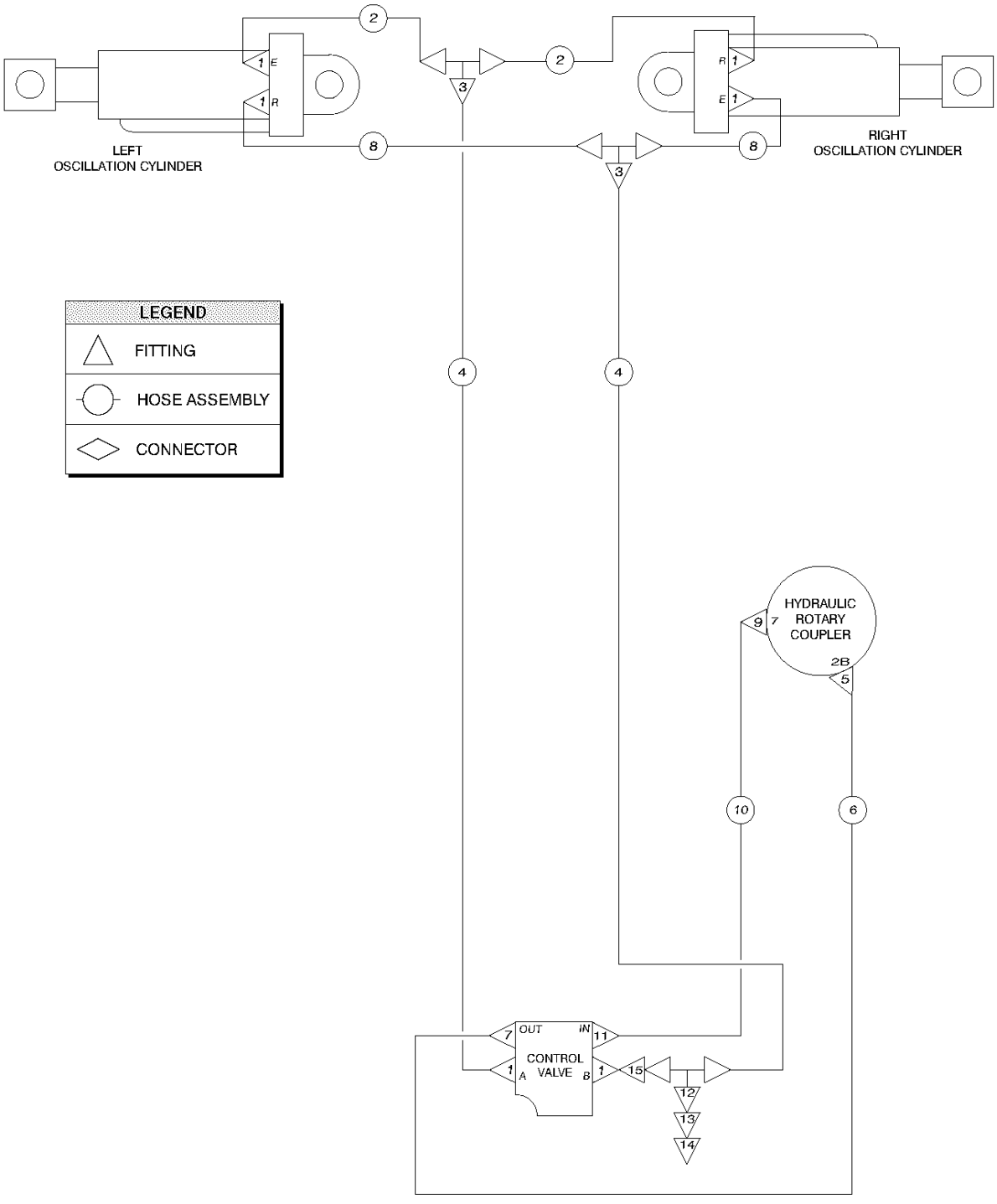
707.2 Oscillate Control Valve (from SN 5820)

Item	Part No.	Description	Qty.
A-	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
B-	49612GT	O-RING KIT (ORFS FITTINGS)	
1	89520GT	VALVE,MANUAL,700 PSI no longer available	1
1-	32681GT	SEAL KIT,CONTROL VALVE	
2	6091GT	NUT,NYLOCK,1/4-20	
3	4266GT	SCREW,HHC,1/4-20 X 2	
4	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN includes clevis pin and cotter pin	1
5	21496GT	NUT,HEX,1/4-28	
6	30785-400GT	THREADED ROD,1/4-28 X 4 IN***	1
7	89431GT	ROD END,1/4-28 SPHERICAL	1
8	6584GT	SCREW,SHS,10-24 X .625	
9	5365GT	NUT,NYLOCK,10-24	


LEFT
STEERING CYLINDER
RIGHT
STEERING CYLINDER
R
E
E
R
HYDRAULIC
ROTARY8C
COUPLER
2WD DRIVE MANIFOLD
P2
P1
T
CDL
M2B
M2A
M1B
M1A
CDR
LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
LEFT REAR
DRIVE MOTOR
AND BRAKE
RIGHT
NON-STEER
DRIVE MOTOR
AND BRAKE
MB
MA

Item	Part No.	Description	Qty.
A-	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
B-	49612GT	O-RING KIT (ORFS FITTINGS)	
1	48915GT	ELBOW,90D,520220-6	2
2	48918GT	TEE,RUN,520428-6	2
3	49130-2582GT	HOSE ASSY 3/8, STR FEM,STR FEM	2
4	49130-4982GT	HOSE ASSY 3/8, STR FEM,STR FEM	2
5	48920GT	ELBOW,45D,520320-6	2
6	49117-3891GT	HOSE ASSY,1/4,90 FEM,STR FEMM	1
7	48904GT	ELBOW, 90D, 520220-4	2
8	48963GT	FITTING,ELBOW,45D,520320-12***	3
9	102313-2826GT	HOSE ASSY,3/4" HYD,45F,STRF	1
10	61074-2372GT	HOSE ASSY,3/4,STR FEM,STR FEM	1
11	49119-3878GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
12	48960GT	FITTING,CONN,520120-12***	11
13	48933GT	CONN,520120-8***	4
14	48909GT	TEE,BULKHEAD,RUN,520958-4	2
15	49119-3578GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
16	49119-4178GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
17	49143-4829GT	HOSE ASSY,1/2,90 FEM,STR FEM	2
18	94374-4930GT	HOSE ASSY,3/4,90 FEM,STR FEM	4
19	48905GT	CONNECTOR, 520120-4	2
20	48911GT	ELBOW,90D,520220-4-6***	2
21	49119-4578GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
22	94374-2630GT	HOSE ASSY,3/4,90 FEM,STR FEM**	1

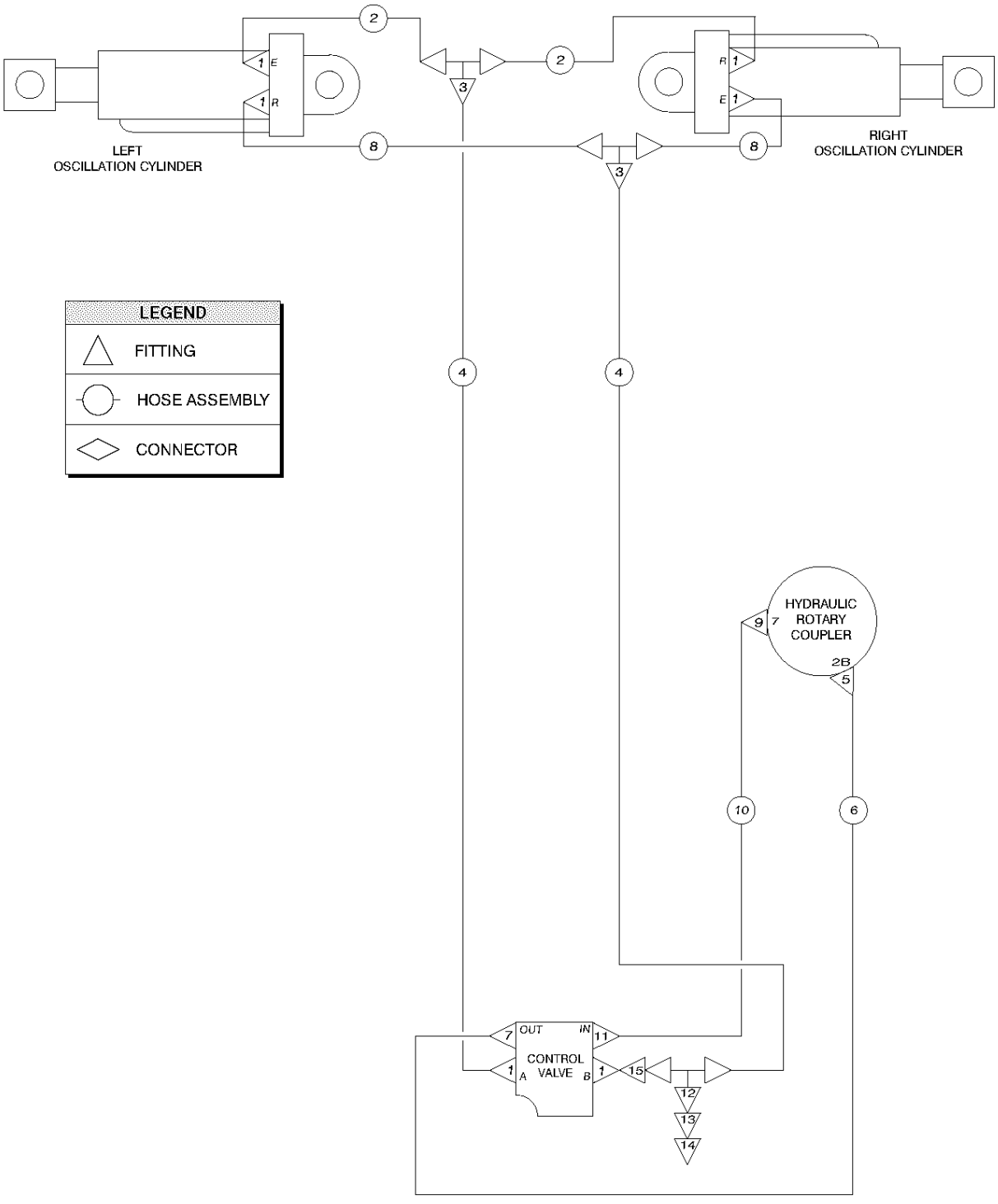
709.1 2WD Drive Oscillate System (to SN 5819)



709.1 2WD Drive Oscillate System (to SN 5819)

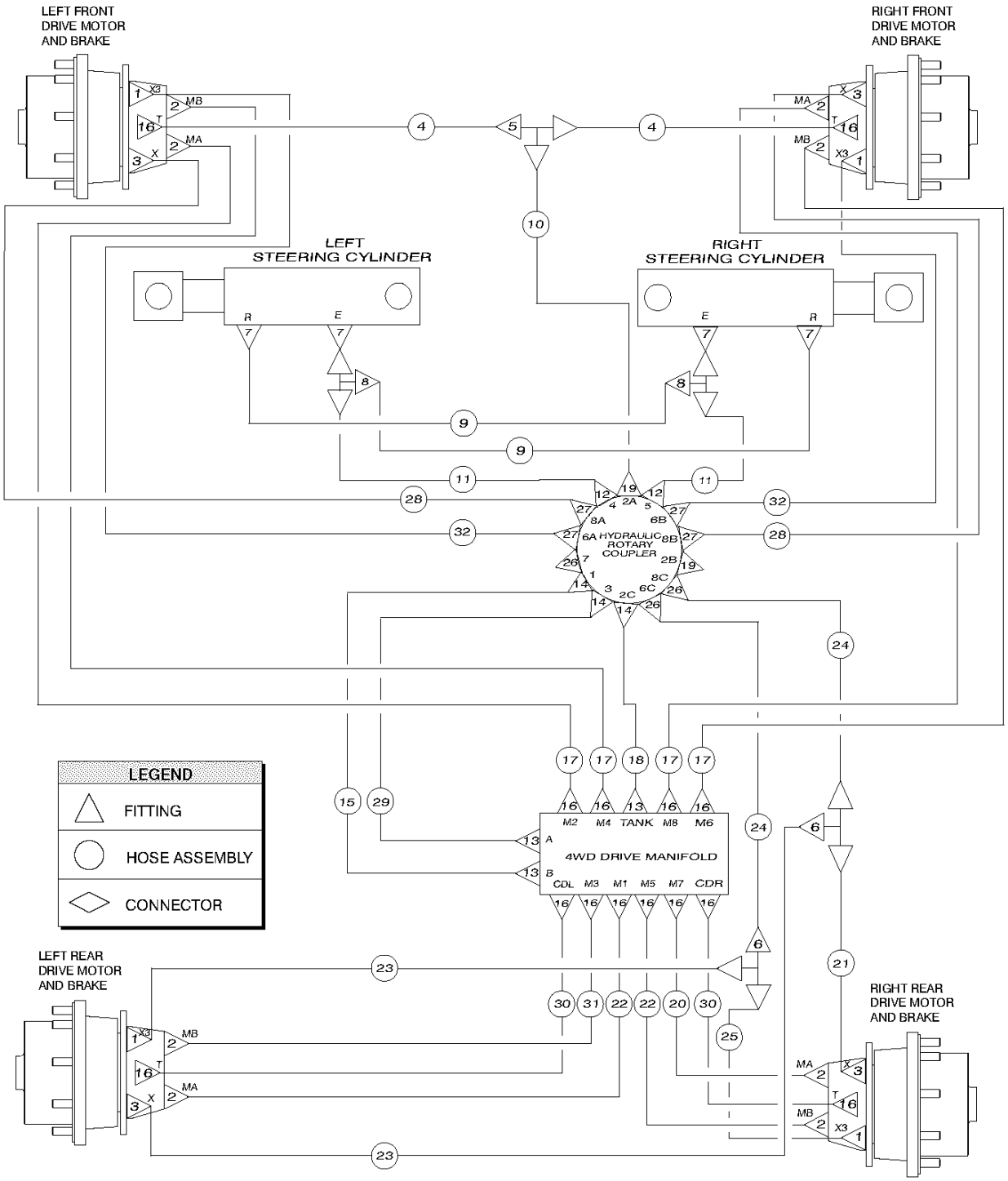
Item	Part No.	Description	Qty.
A-	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
B-	49612GT	O-RING KIT (ORFS FITTINGS)	
1	48916GT	CONN, 520120-6	6
2	49128-3409GT	HOSE ASEMBLY HOSE ASSEMBLY 3/8	2
3	53980GT	TEE,BRANCH,520433-6	2
4	89554-11113GT	HOSE ASSY,3/8,90 FEM,STR FEM	2
5	48937GT	ELBOW,45D,520320-8	1
6	49143-5429GT	HOSE ASSY,1/2,90 FEM,STR FEM	1
7	48933GT	CONN,520120-8***	1
8	49128-3209GT	HOSE ASEMBLY HOSE ASSEMBLY 3/8	2
9	48904GT	ELBOW, 90D, 520220-4	1
10	49117-6191GT	HOSE ASSY,1/4,90 FEM,STR FEM	1
11	48914GT	CONN,520120-4-8	1
12	48891GT	FITTING,TEE,BRANCH,520433-4	1
13	49207GT	NIPPLE,DIAGNOSTIC,ORFS,FM,SWIV	1
14	48880GT	CAP,DIAGNOSTIC NIPPLE	1
15	54132GT	ELBOW,SWIVEL 90D, 520221-4	1

709.2 2WD Drive Oscillate System (from SN 5820)

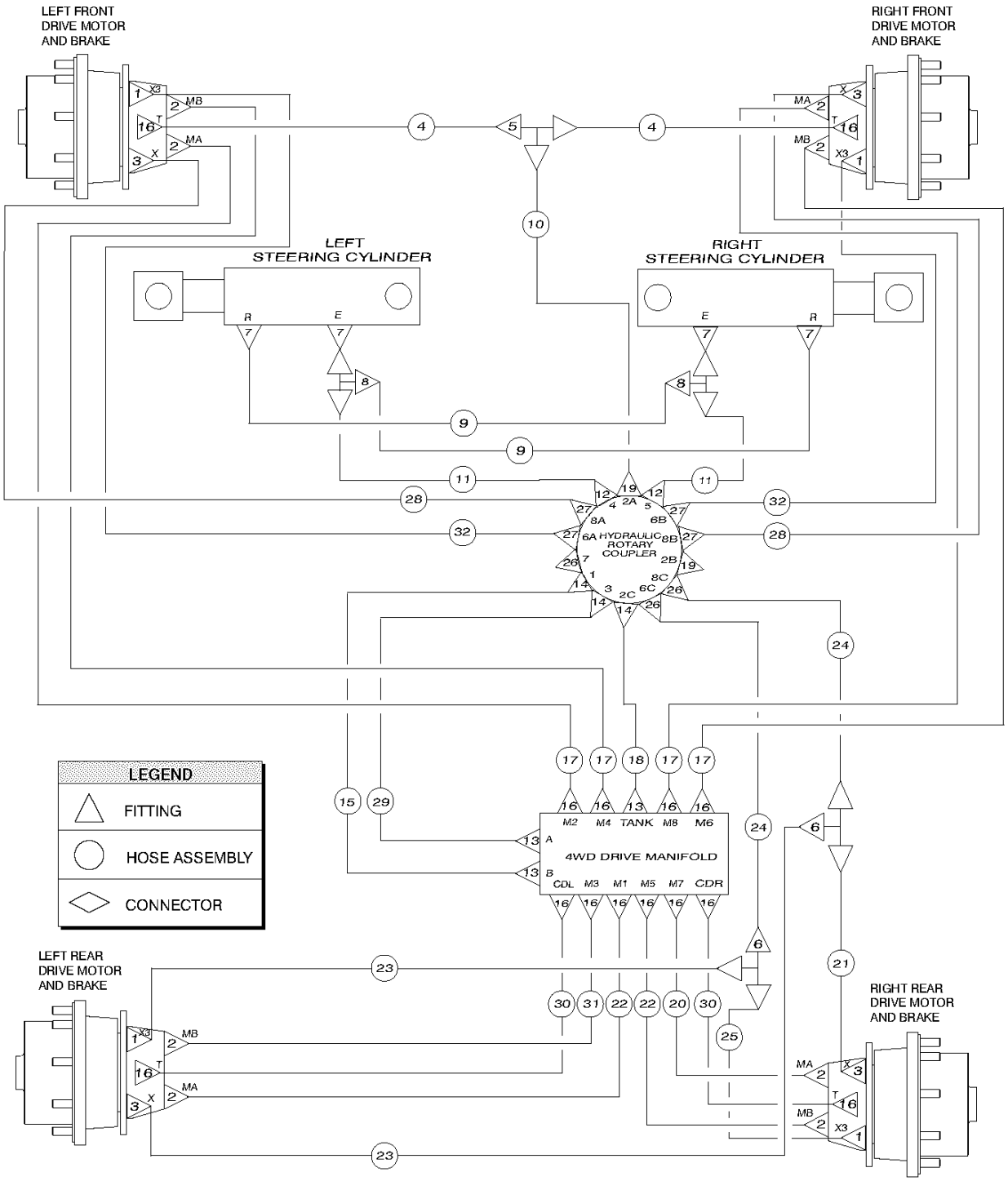


709.2 2WD Drive Oscillate System (from SN 5820)

Item	*Part No.*	*Description*	*Qty.*
A-	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
B-	49612GT	O-RING KIT (ORFS FITTINGS)	
1	48912GT	CONN,520120-4-6***	6
2	49117-2991GT	HOSE ASSY,1/4,90 FEM,STR FEM	2
3	48891GT	FITTING,TEE,BRANCH,520433-4	2
4	88636-9273GT	HOSE ASSY 1/4,STR FEM,STR BULK	2
5	48937GT	ELBOW,45D,520320-8	1
6	49143-5429GT	HOSE ASSY,1/2,90 FEM,STR FEM	1
7	48933GT	CONN,520120-8***	1
8	49117-2991GT	HOSE ASSY,1/4,90 FEM,STR FEM	2
9	48904GT	ELBOW, 90D, 520220-4	1
10	49119-6078GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
11	48914GT	CONN,520120-4-8	1
12	48908GT	FITTING,TEE,RUN,SWIVEL520432-4	1
13	49207GT	NIPPLE,DIAGNOSTIC,ORFS,FM,SWIV	1
14	48880GT	CAP,DIAGNOSTIC NIPPLE	1
15	54132GT	ELBOW,SWIVEL 90D, 520221-4	1

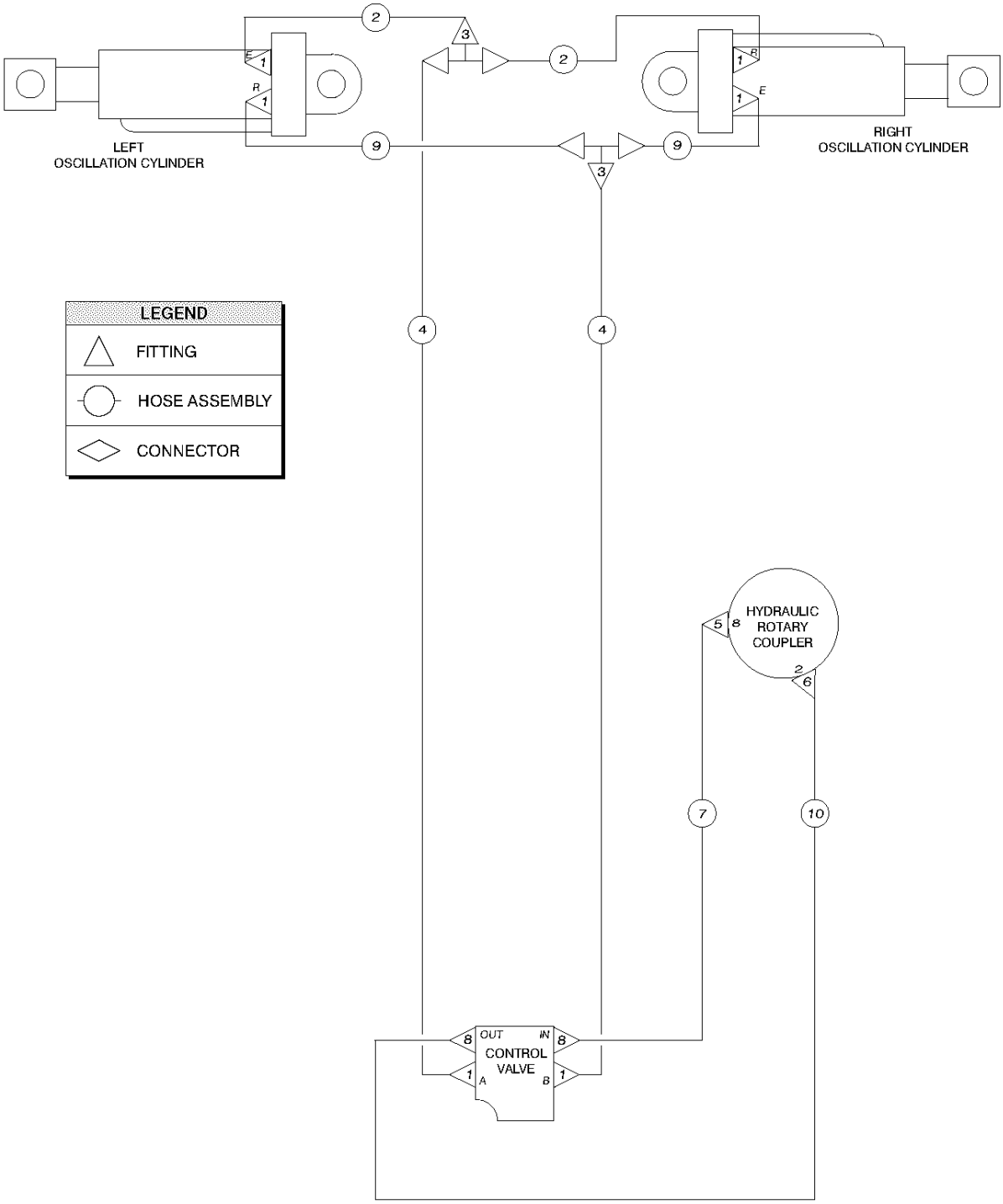

LEFT FRONT DRIVE MOTOR AND BRAKE
RIGHT FRONT DRIVE MOTOR AND BRAKE
LEFT STEERING CYLINDER
RIGHT STEERING CYLINDER
HYDRAULIC ROTARY COUPLER
4WD DRIVE MANIFOLD
M2 M4 TANK M8 M6
CDL M3 M1 M5 M7 CDR
LEFT REAR DRIVE MOTOR AND BRAKE
RIGHT REAR DRIVE MOTOR AND BRAKE
LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR

Item	Part No.	Description	Qty.
A-	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
B-	49612GT	O-RING KIT (ORFS FITTINGS)	
1	48905GT	CONNECTOR, 520120-4	4
2	48948GT	CONN,520120-8-12	8
3	48911GT	ELBOW,90D,520220-4-6***	4
4	49183-5863GT	HOSE ASSY,1/2,STR FEM,STR FEM	2
4-	101797-5863GT	HOSE ASSY,1/2,STR FEM,STR FEM (arctic hose option); from SN 8610	
5	48939GT	TEE,BRANCH,520433-8	1
6	48909GT	TEE,BULKHEAD,RUN,520958-4	2
7	48915GT	ELBOW,90D,520220-6	2
8	48918GT	TEE,RUN,520428-6	2
9	49130-2582GT	HOSE ASSY 3/8, STR FEM,STR FEM	2
10	89555-3708GT	HOSE ASSY, 1/2" STR M,STR FM	1
11	49130-4982GT	HOSE ASSY 3/8, STR FEM,STR FEM	2
12	48920GT	ELBOW,45D,520320-6	2
13	48960GT	FITTING,CONN,520120-12***	3
14	48963GT	FITTING,ELBOW,45D,520320-12***	3
15	102313-2826GT	HOSE ASSY,3/4" HYD,45F,STRF to SN 10153	1
15-	94374-2830GT	HOSE ASSY,3/4,90 FEM,STR FEM from SN 10154	1
16	48933GT	CONN,520120-8***	16
17	81812-11192GT	ASSY, HOSE, HYD, 4250, -8, STR, STR	4
18	61074-2372GT	HOSE ASSY,3/4,STR FEM,STR FEM	1
19	48937GT	ELBOW,45D,520320-8	2
20	75278-4579GT	HOSE ASSY,1/2,90 FEM,STR FEM	1
21	49119-4178GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
22	75278-4829GT	HOSE ASSY,1/2,90 FEM,STR FEM	2
23	49119-4578GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
24	49119-3878GT	HOSE ASSY,1/4,STR FEM,STR FEM	2


LEFT FRONT DRIVE MOTOR AND BRAKE
RIGHT FRONT DRIVE MOTOR AND BRAKE
LEFT STEERING CYLINDER
RIGHT STEERING CYLINDER
HYDRAULIC ROTARY COUPLER
4WD DRIVE MANIFOLD
M2 M4 TANK M8 M6
CDL M3 M1 M5 M7 CDR
LEFT REAR DRIVE MOTOR AND BRAKE
RIGHT REAR DRIVE MOTOR AND BRAKE
LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR

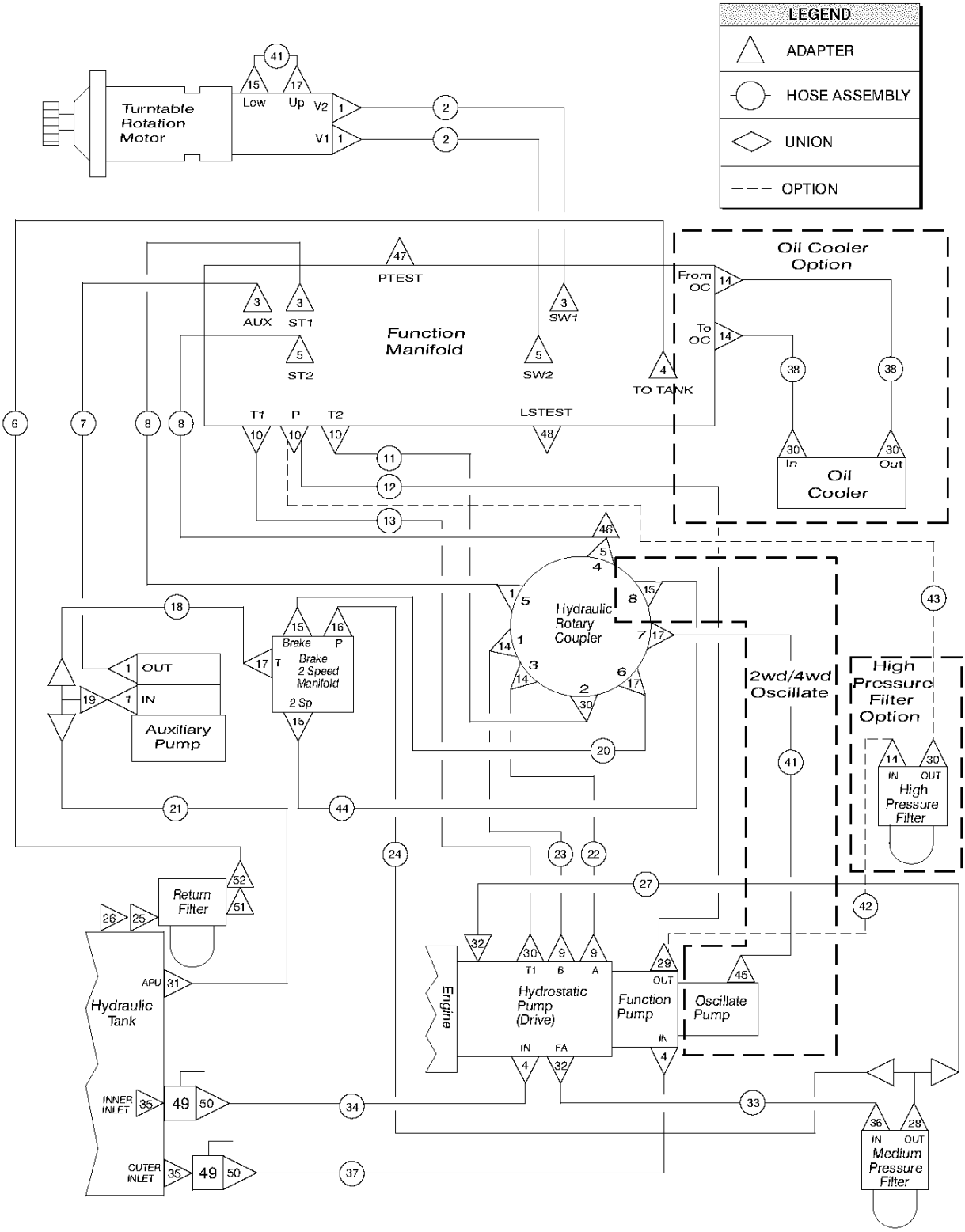
Item	Part No.	Description	Qty.
25	49119-3578GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
26	48904GT	ELBOW, 90D, 520220-4	3
27	48907GT	ELBOW,45D,520320-4	1
28	49117-9819GT	HOSE ASSY,1/4,90 FEM,STR FEM**	2
28-	101790-9819GT	HOSE ASSY,1/4,90 FEM,STR FEM (arctic hose option); from SN 8610	
29	94374-2630GT	HOSE ASSY,3/4,90 FEM,STR FEM**	1
30	49143-4829GT	HOSE ASSY,1/2,90 FEM,STR FEM	2
31	49109-5129GT	HOSE ASSY,1/2,90 FEM,STR FEM	1
32	49119-9878GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
32-	101792-9878GT	HOSE ASSY,1/2,STR FEM,STR FEM (arctic hose option); from SN 8610	

711.1 4WD Drive Oscillate System



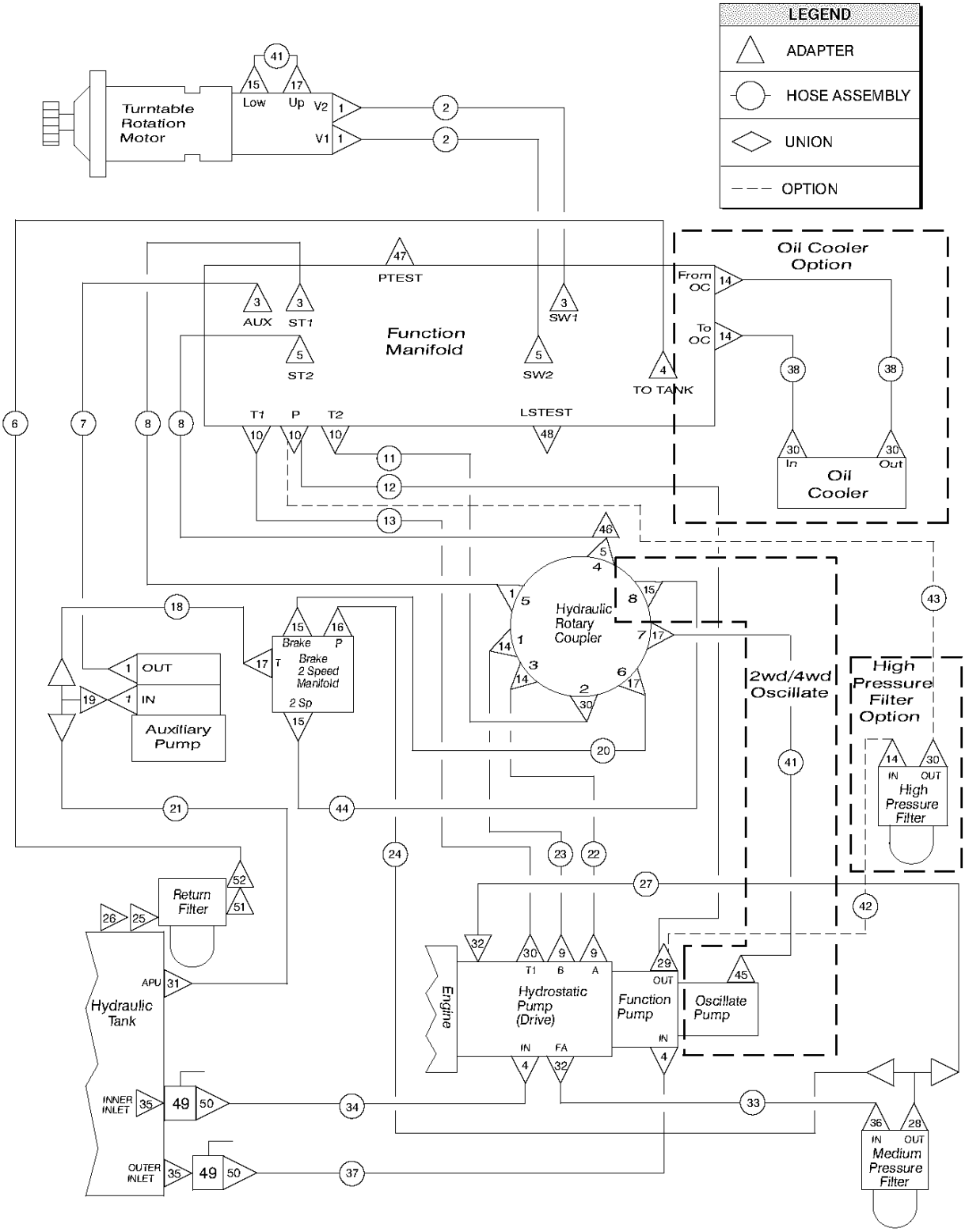
Item	Part No.	Description	Qty.
A-	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
B-	49612GT	O-RING KIT (ORFS FITTINGS)	
1	48916GT	CONN, 520120-6	6
2	49128-3409GT	HOSE ASEMBLY HOSE ASSEMBLY 3/8	2
3	53980GT	TEE,BRANCH,520433-6	2
4	89554-11113GT	HOSE ASSY,3/8,90 FEM,STR FEM	2
5	48942GT	ELBOW, 90, 24 C5OLO-S	1
6	48937GT	ELBOW,45D,520320-8	1
7	49117-6191GT	HOSE ASSY,1/4,90 FEM,STR FEM	1
8	48932GT	FITTING,ELBOW,90D,520220-8***	2
9	49128-3209GT	HOSE ASEMBLY HOSE ASSEMBLY 3/8	2
10	49143-5429GT	HOSE ASSY,1/2,90 FEM,STR FEM	1

712.1 Hydraulic Hoses and Fittings - Turntable



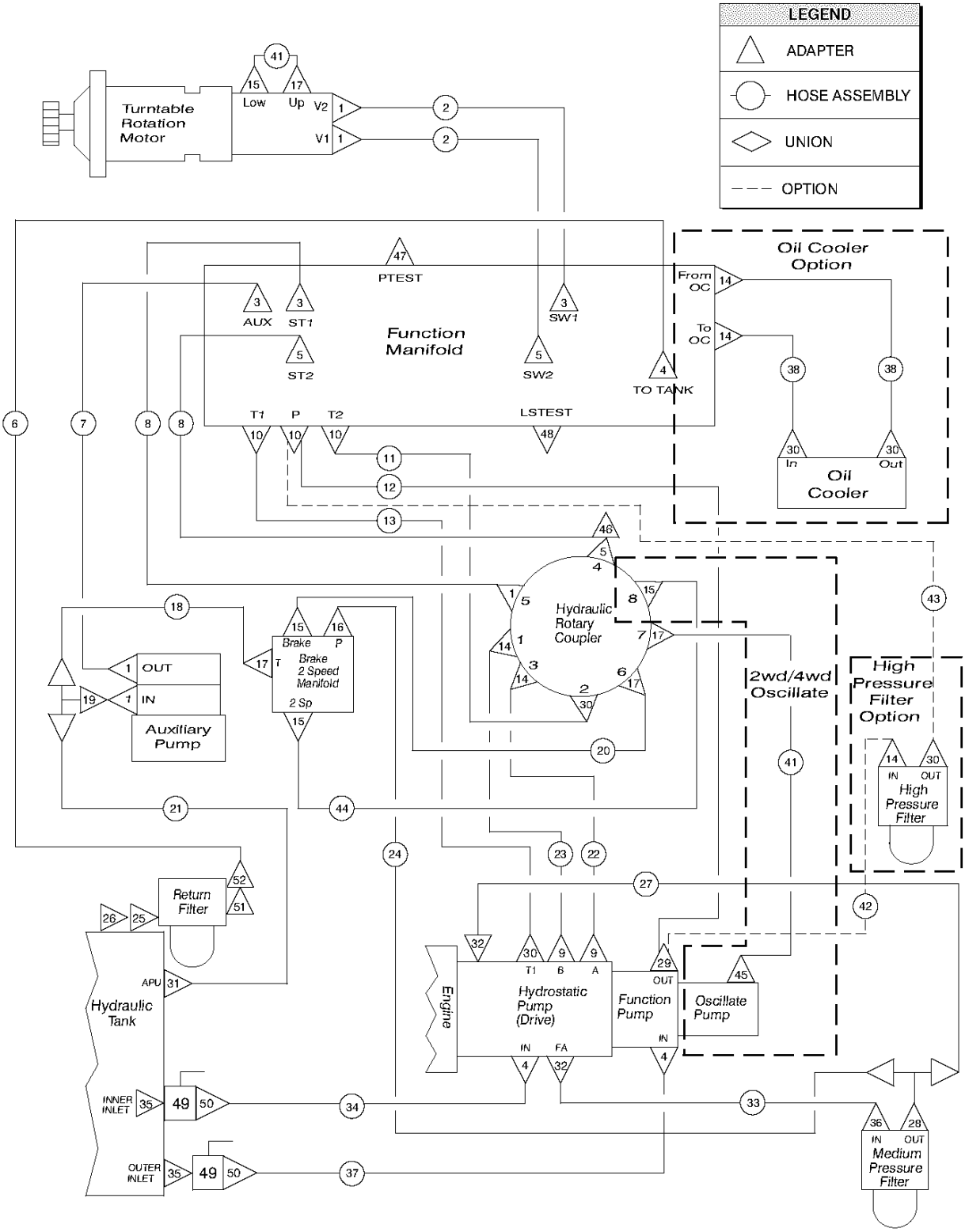
Item	Part No.	Description	Qty.
A-	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
B-	49612GT	O-RING KIT (ORFS FITTINGS)	
1	48915GT	ELBOW,90D,520220-6	5
2	49114-4346GT	HOSE ASSY,1/4",90 FEM,STR FEM	2
3	48917GT	CONN,LONG,520122-6	3
4	48984GT	CONN, 520120-16	1
5	48916GT	CONN, 520120-6	3
6	49159-2618GT	HOSE ASSY.,1", 90° FEM,STR FEM	1
7	49128-2109GT	HOSE ASSEMBLY,3/8"	1
8	49114-4546GT	HOSE ASSY,1/4",90 FEM,STR FEM	2
9	48976GT	ELBOW,90D,520220-12-16	2
10	48963GT	FITTING,ELBOW,45D,520320-12***	2
11	61073-4930GT	HOSE ASSY,3/4,90 FEM,STR FEM**	1
12	102335-6150GT	HOSE ASSY,1",90 FEM STR FEM On the high pressure filter option, hose assembly 42 and 43 replaces hose assembly 12	1
13	49150-7030GT	HOSE ASSY,3/4,90 FEM,STR FEM	1
14	48960GT	FITTING,CONN,520120-12***	5
15	48905GT	CONNECTOR, 520120-4	4
16	48926GT	FITTING,ELBOW,90D,520220-6-4	1
17	48904GT	ELBOW, 90D, 520220-4	4
18	49118-5408GT	HOSE ASSY,1/4",90 FEM,STR FEM	1
19	48875GT	TEE,RUN,SWIVEL,520432-6	1
20	49119-3778GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
21	49126-1933GT	HOSE ASSY,3/8,45 FEM,STR FEM	1
22	94374-6930GT	HOSE ASSY,3/4,90 FEM,STR FEM	1
23	94374-6630GT	HOSE ASSY,3/4,90 FEM,STR FEM**	1
24	49129-2125GT	HOSE ASSY,3/8,90 FEM,STR FEM	1
25	49513GT	ADAPTER,PIPE NIPPLE to SN 10376	2
25-	226495GT	REDUCR BUSH 20 ORB - 1"NPT from SN 10377	

712.1 Hydraulic Hoses and Fittings - Turntable



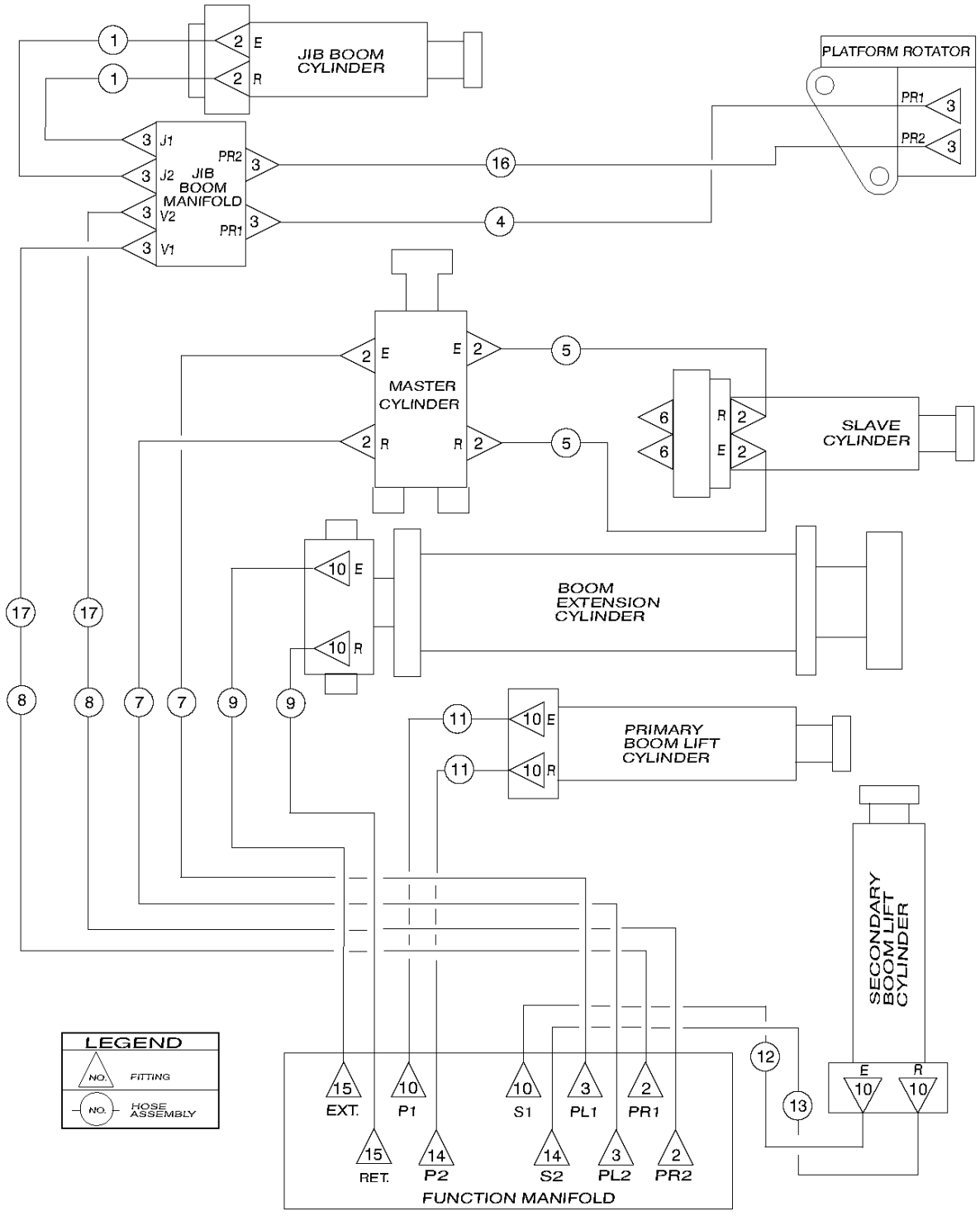
Item	Part No.	Description	Qty.
26	49512GT	ELBOW,90DEG,FEM,1"NPT	1
27	49183-1792GT	HOSE ASSY,1/2,STR FEM STR FEM	1
28	48935GT	TEE,RUN, 520428-8	1
29	49201GT	ELBOW,45D,520320-10	1
30	48959GT	FITTING,ELBOW,90D,520220-12	6
31	48922GT	CONN,520102-6-6	1
32	48946GT	CONN,520120-8-10	1
33	49143-1829GT	HOSE ASSY,1/2,90 FEM,STR FEM	1
34	102336-5014GT	HOSE ASSY,1",90 FEM STR FEM (Ford and Perkins models)	1
34-	49159-5100GT	HOSE ASSEMBLY-1" 100R4 (Deutz model)	
35	45161GT	STRAINER ASSEMBLY,1.5" NPT to SN 4832	1
35-	147419GT	KIT,STRAINER REPLACEMENT from SN 4833	
36	48937GT	ELBOW,45D,520320-8	1
37	102336-5714GT	HOSE ASSY,1",90 FEM STR FEM	1
38	49151-8648GT	HOSE ASSY,3/4",STR FEM,STR FEM	1
39	49151-10448GT	HOSE ASSY,3/4",STR FEM,STR FEM	1
40	49117-5991GT	HOSE ASSY,1/4,90 FEM,STR FEM	1
41	49117-1291GT	HOSE ASSY,1/4,90 FEM,STR FEM	1
42	1296384-2910GT	HOSE ASSY,5/8" HYD,90 FEM-ST FEM, 29.10"LG On the high pressure filter option, hose assembly 42 and 43 replaces hose assembly 12	
43	89871-6348GT	HOSE ASSY,3/4" STR-STR On the high pressure filter option, hose assembly 42 and 43 replaces hose assembly 12	1
44	49119-3478GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
45	48912GT	CONN,520120-4-6***	1
46	48892GT	ELBOW,SWIVEL 90D, 520221-6	1
47	48998GT	NIPPLE,DIAGNOSTIC,#6 PORT***	1
48	48997GT	NIPPLE,DIAGNOSTIC,#4	1
49	48994GT	VALVE,BALL,16 MPT-16 FPT*** to SN 4832	2
49-	48996GT	VALVE,BALL,16 MSAE-16 FSAE*** from SN 4833	
50	48986GT	CONN,520102-16 to SN 4832	2

712.1 Hydraulic Hoses and Fittings - Turntable



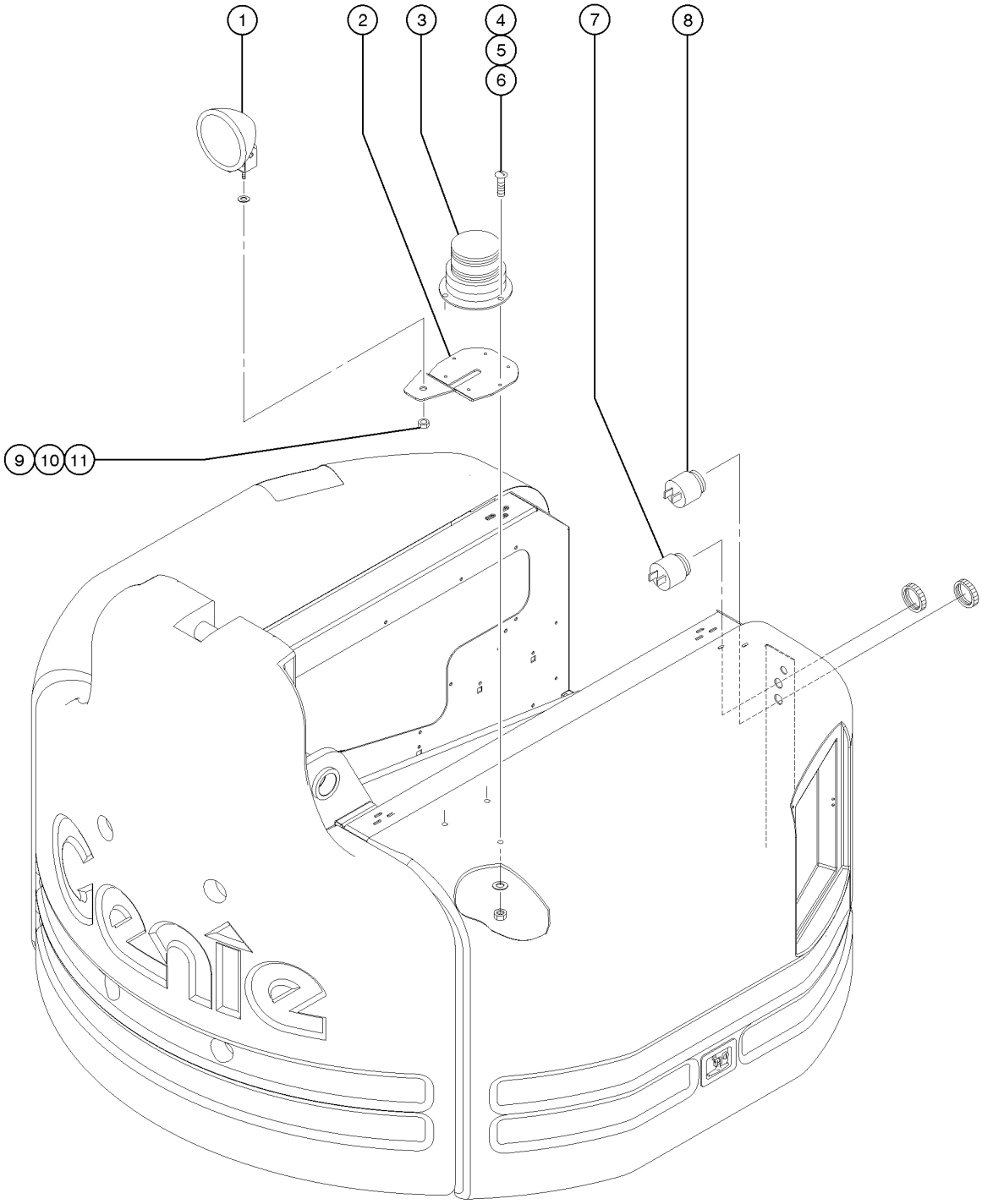
Item	*Part No.*	*Description*	*Qty.*
50-	48984GT	CONN, 520120-16 ..... from SN 4833	
51	48986GT	CONN,520102-16 ..... to SN 10376	1
51-	226498GT	ADAPTER 20 ORB X 16 ORFS ..... from SN 10377	
52	49515GT	ELBOW,90D,520202-12-16 ..... (generator option)	1

713.1 Hydraulic Hoses and Fittings - Boom



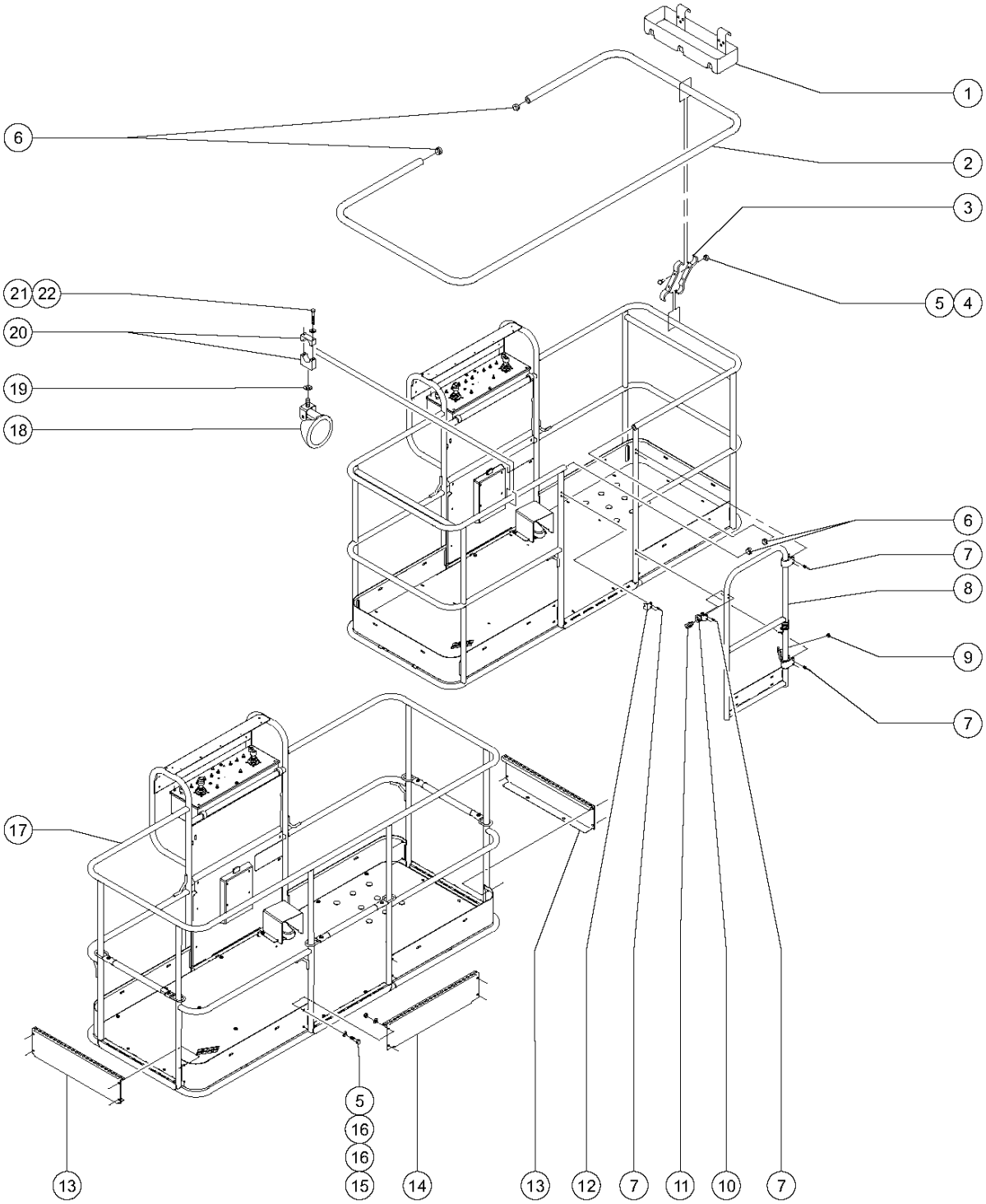
Item	Part No.	Description	Qty.
A-	49612GT	O-RING KIT (ORFS FITTINGS)	
B-	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	49117-9291GT	HOSE ASSY,1/4,90 FEM,STR FEM	2
2	48912GT	CONN,520120-4-6***	10
3	48905GT	CONNECTOR, 520120-4	10
4	49119-3578GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
5	49119-53778GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
6	48998GT	NIPPLE,DIAGNOSTIC,#6 PORT***	2
6-	48880GT	CAP,DIAGNOSTIC NIPPLE	
6-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	
7	49119-41078GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
8	49121-42388GT	HOSE ASSY,1/4,STR FEM,STR M	2
9	49135-43389GT	HOSE ASSY,3/8 STR FEM-STR FEM	2
10	48916GT	CONN, 520120-6	10
11	49118-41408GT	HOSE ASSEMBLY,1/4",90 FEM,STR	2
12	49128-22009GT	HOSE ASSY,3/8,90 FEM,STR FEMM	1
13	49128-23609GT	HOSE ASSY,3/8,90 FEM,STR FEM	1
14	48917GT	CONN,LONG,520122-6	6
15	48933GT	CONN,520120-8***	1
16	49117-3591GT	HOSE ASSY,1/4,90 FEM,STR FEM	1
17	49119-53778GT	HOSE ASSY,1/4,STR FEM,STR FEM	2

801.1 Alarm and Beacon Package, Driving Lights



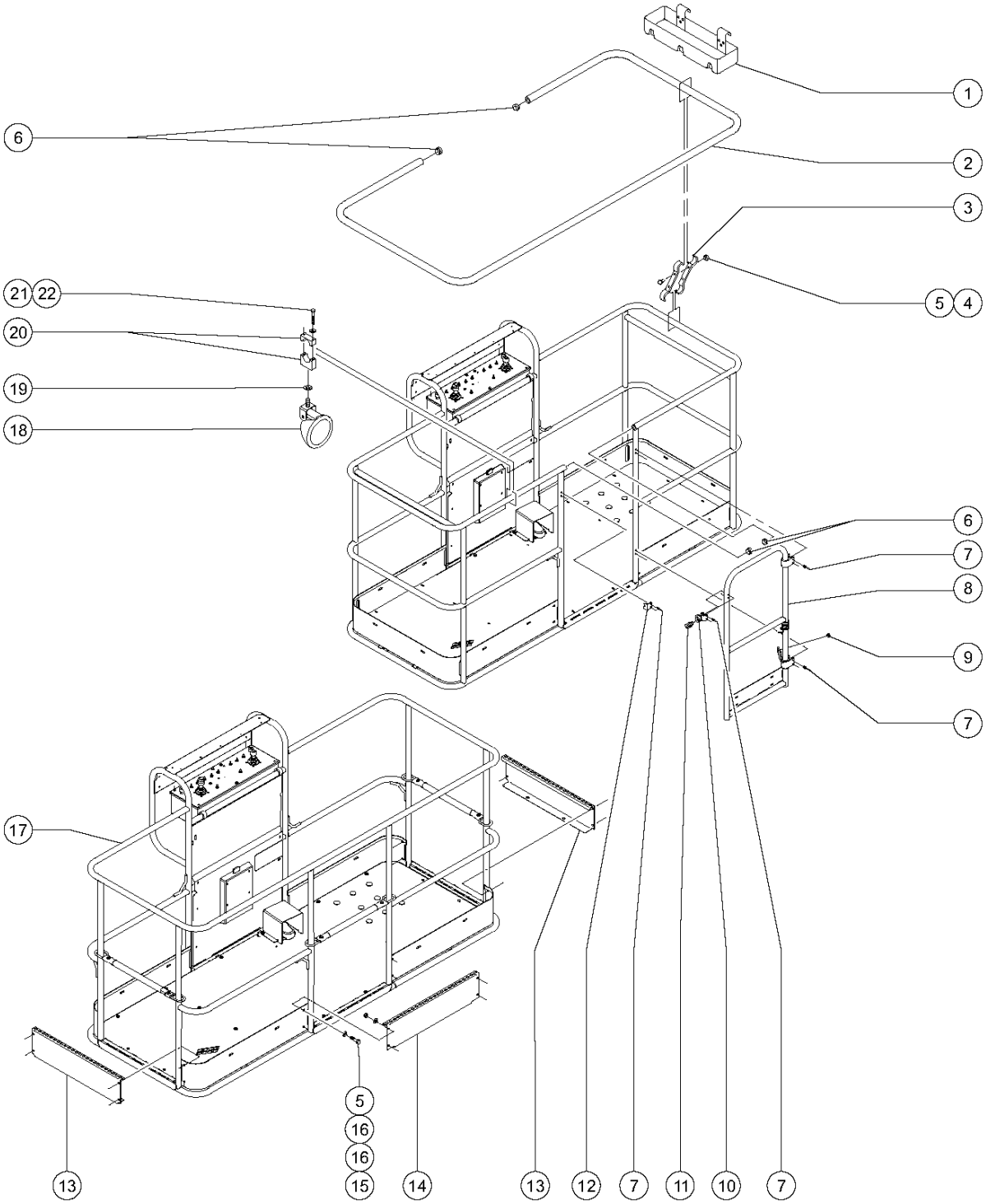
Item	*Part No.*	*Description*	*Qty.*
A-	89463GT	OPT,BEACON,TRAVEL ALARM,Z60 ..... includes items 3-6 and 8	
B-	122227GT	HARNESS,BEACON,Z60	
1	107858GT	WORKLIGHT,48 VOLT	2
1A	35960GT	BULB,WORKLIGHT,12V 35W	
1B	111153GT	HARNESS,DRIVE LIGHT OPT,Z60	
2	229375GT	FORMING, Z60 DRIVE LIGHT MOUNT ..... from SN 10630	
3	56704GT	STROBE,FIREBOLT,12-80VDC,AMB** ..... (replaced 20189)	2
3-	72282GT	LENS,AMBER,STROBE,FIREBOLT	
3-	122019GT	FLASHTUBE,U SHAPED,360DEG,BULB ..... from SN 6498	
3-	226393GT	FLASHTUBE,STRAIGHT,360DEG,BULB	
3-	1505GT	WIRE CABLE,16/2 SJO,BULK ..... engine side	124 inches
3-	1505GT	WIRE CABLE,16/2 SJO,BULK ..... tank side	100 inches
3-	56445GT	DIODE,6 AMP 200 PIV,REEL	
4	6147GT	SCREW,RHM,10-32 X 1	
5	6146GT	WASHER,FLAT,MS,#10,Y	
6	6178GT	NUT, NYLOCK, 10-32	
7	45462GT	ALARM,CHIME TONE 5-25VDC*** ..... to SN 7269 (does not include 72326 nut)	1
7-		Ref. Chine Tone Alarm, 5-25V DC (descent) (refer to 308.1) ..... from SN 7270 (does not include 72326 nut)	
7-	72326GT	NUT - PLASTIC, RING FOR ALARMS	1
8	18963GT	ALARM, INTERMITTENT TONE 6-30V* ..... (does not include 72326 nut)	1
8-	72326GT	NUT - PLASTIC, RING FOR ALARMS	1
9	7713GT	NUT, LP NYLOCK, 3/8-16	
10	6036GT	WASHER,LOCK,.625 PLTD	
11	8255GT	SCREW,HHC,3/8-16 X .75	

802.1 Platform Options



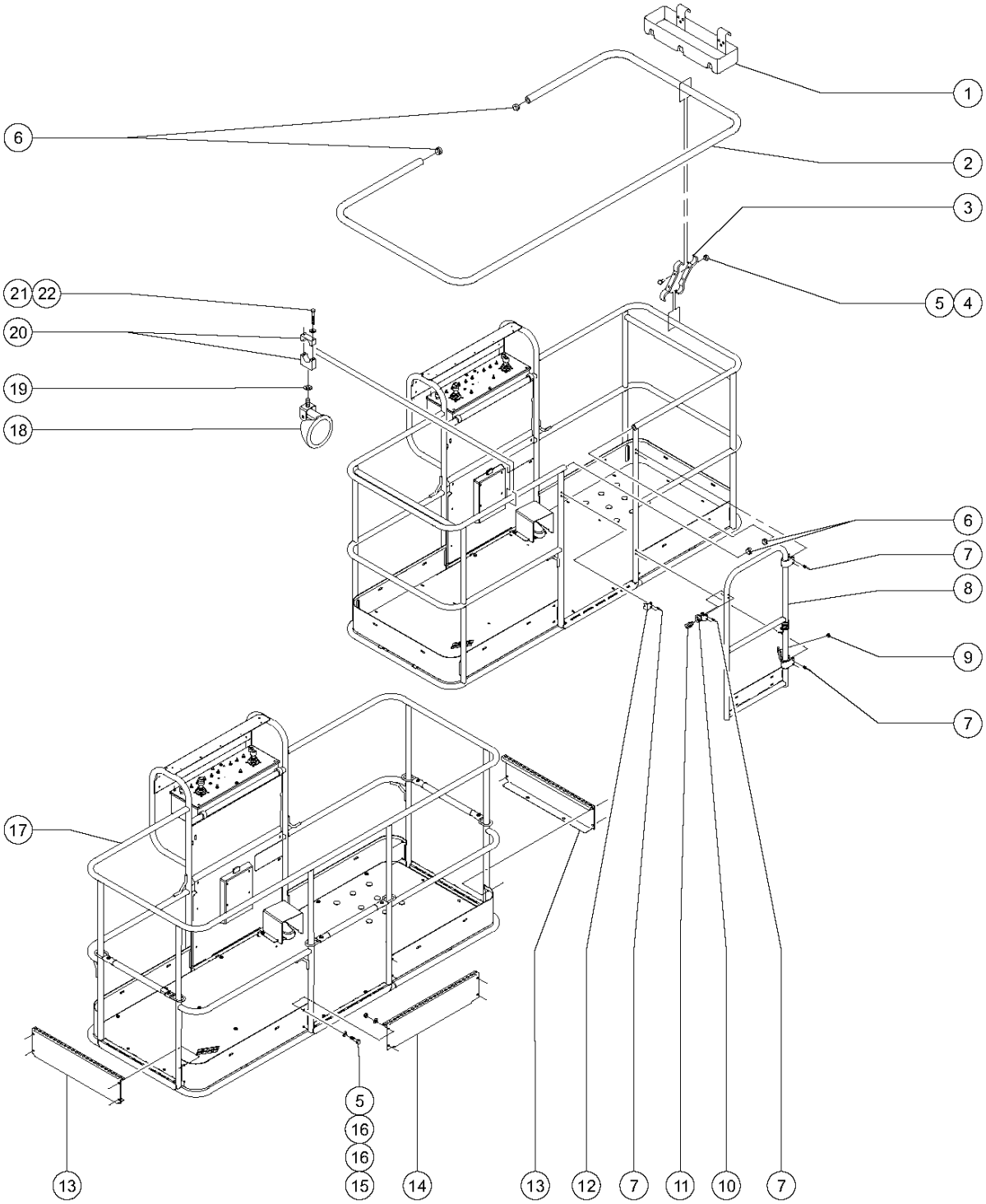
Item	Part No.	Description	Qty.
A-	53808-SGT	AUX TOP RAIL,6'(1.25")SERVICE	
B-	122278GT	AUX TOP RAIL,6',SWG GT, SRV	
C-	53807-SGT	AUX TOP RAIL,8'(1.25")SERVICE	
D-	122279GT	AUX TOP RAIL,8',SWG GT, SRV	
F-	119295GT	OPTION,TALL SWING GATE Complete from SN 7850	
G-	107857GT	LIGHT, 12 VOLT to SN 10387, no longer available customer may need to buy a mounting bracket (35956GT) and other hardware for complete install	
H-	73480GT	HARNESS,WORKLIGHT ACC part of worklight option 34321; to SN 10387	
I-	228864GT	OPTION,12V WORK LIGHTS,Z60 from SN 10388	
J-	229340GT	HARNESS,WORKLIGHT RELAY Z60 part of worklight option 228864; from SN 10388	
K-	102721PGT	TOEBOARD,8'TRI ENTRY includes items 5, 13-16	
M-	102433GT	6' TRI-ENT ASSY W/DECALS ANSI USA and Canada models; to SN 5709	
N-	102437GT	8' TRI-ENT ASSY W/DECALS ANSI USA and Canada models; to SN 5709	
O-	111306GT	6' TRI-ENT ASSY W/DECALS ANSI from SN 5710	
P-	111307GT	8' TRI-ENT ASSY W/DECALS ANSI from SN 5710	
Q-	102439GT	8' TRI-ENT ASSY W/DECALS CE European models	
R-	102434GT	6' TRI-ENT ASSY W/DECALS AUSTR Australian models; to SN 5709	
S-	102438GT	8' TRI-ENT ASSY W/DECALS AUSTR Australian models; to SN 5709	
T-	111308GT	6' TRI-ENT ASSY W/DECALS AUSTR from SN 5710	
U-	111309GT	8' TRI-ENT ASSY W/DECALS AUSTR from SN 5710	
V-	102436GT	6' TRI-ENT ASSY W/DECALS A/SOA Asia and South American models	
W-	102443GT	WORD DECAL KIT SERV S80/85 Asia and South American models	
1	9599-SGT	TOOL TRAY ACCESSORY***	1
2	1259704GT	PINCH GUARD RAIL,6' PLATFORM includes 55753 bumpers	1
2-	111485PGT	AUX TOP RAIL,6FT,PTD for use with swing gate	2
2-	52661GT	PINCH GUARD RAIL,8' PLATFORM**	1
2-	111486PGT	AUX TOP RAIL,8FT,PTD for use with swing gate	2
3	139958GT	KIT, AUX TOP RAIL SUPPORT to SN 8021	10
3-	122073GT	SUPPORT, RAILING from SN 8022	20

802.1 Platform Options



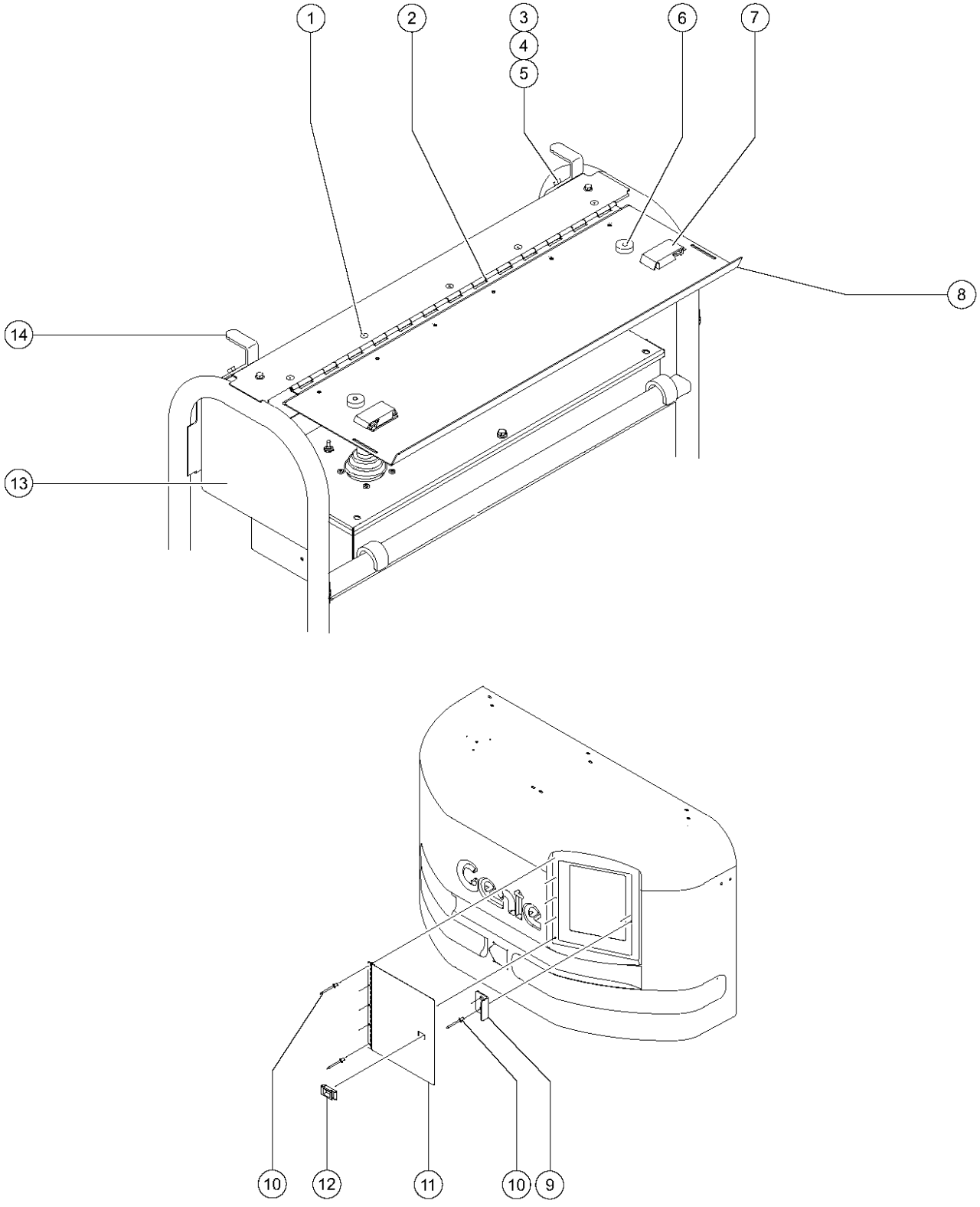
Item	Part No.	Description	Qty.
4	6091GT	NUT,NYLOCK,1/4-20 to SN 8021	
4-	824027GT	NUT, TL FLG, 1/4-20, G, ZAG from SN 8022	
5	4266GT	SCREW,HHC,1/4-20 X 2 to SN 8021	
5B	824227GT	SCREW, BHC, 1/4-20 X 1, ZAG	
6	55753GT	BUMPER, PLASTIC, 1.25 O.D.	4
7	7265GT	RIVET,STEEL,P, .25 X .375	14
8	128368GT	KIT,SWING GATE W/SPRING	1
8	1290135GT	KIT,HALF FRONT,SWING GATE	
8-	9596GT	HINGE CASTING Special welding requirements for installation of this component. Strongly suggest ordering 128368 OR contact Genie Service for welding requirements.	
9	43392GT	BUMPER,BATTERY BOX & RAILS	1
10	1487GT	GATE LATCH CASTING--DRILLED	1
11	33674GT	PIN,LOCK,SHORT***	1
12	1488GT	RAILING CATCH CASTING--DRILLED	1
13	102721PGT	TOEBOARD,8'TRI ENTRY	2
13-	139438GT	TOEBOARD, TRI ENTRY 6', EURO	
14	94745PGT	TOEBOARD,ENTRY EUROPEAN PNTD**	1
15	6090GT	SCREW, HHC, 1/4-20 X .75	
16	6638GT	WASHER, FLAT, USS, 1/4"Y	
17	107704GT	6' TRI-ENT RAIL W/DECALS ANSI USA and Canada; to SN 5709	
17-	107705GT	8' TRI-ENT RAIL W/DECALS ANSI USA and Canada; to SN 5709	
17-	111319GT	6' TRI-ENT RAIL W/DECALS ANSI from SN 5710	
17-	111320GT	8' TRI-ENT RAIL W/DECALS ANSI from SN 5710	
17-	107706GT	8' TRI-ENT RAIL W/DECALS CE/UK Europe	
17-	107707GT	6' TRI-ENT RAIL W/DECALS AUSTR Australia	
17-	107708GT	8' TRI-ENT RAIL W/DECALS AUSTR Australia	
17-	107709GT	6' TRI-ENT RAIL W/DECALS A/SOA Asia and South America	
17-	107710GT	8' TRI-ENT RAIL W/DECALS A/SOA Asia and South America	

802.1 Platform Options



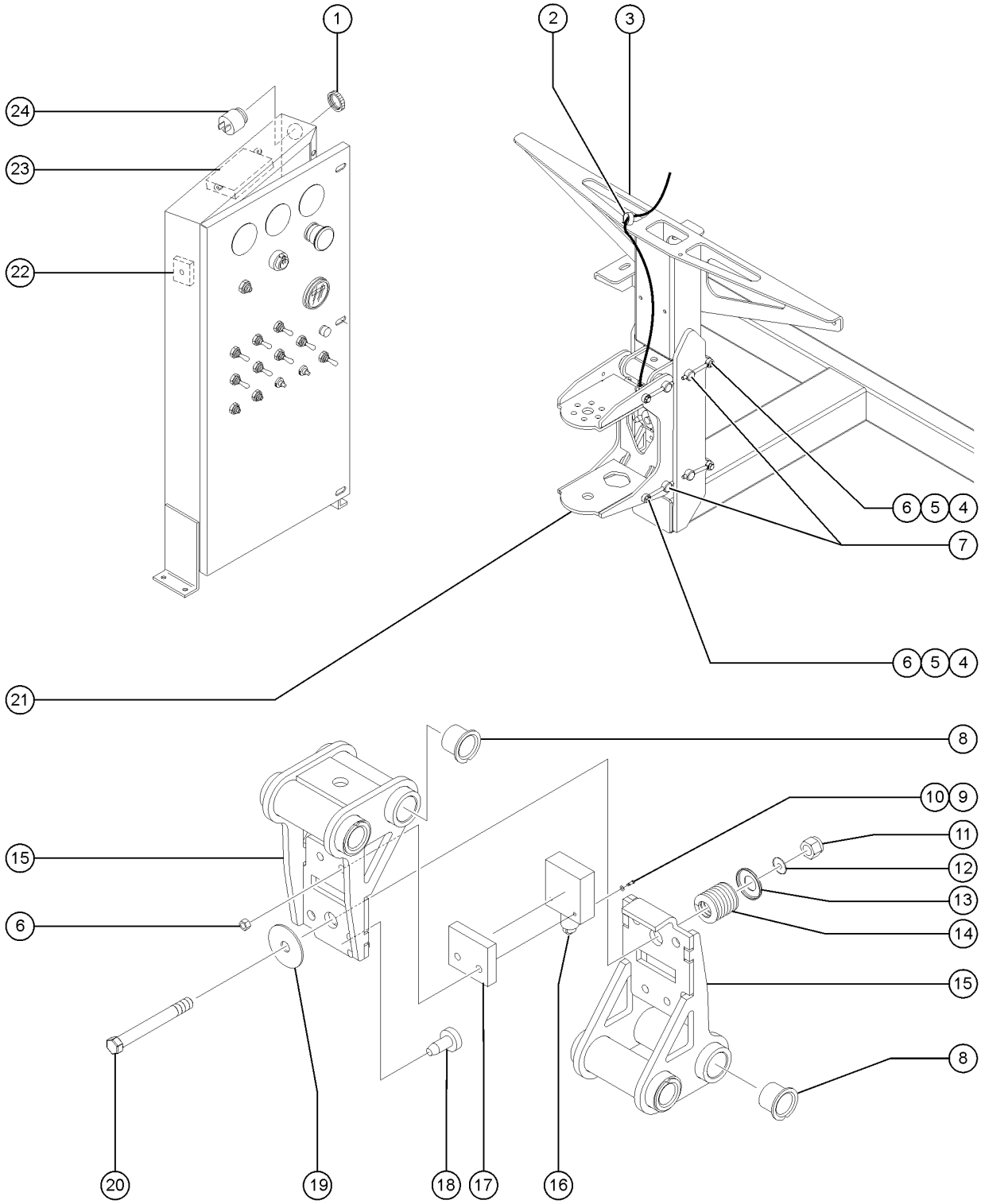
Item	Part No.	Description	Qty.
18	107857GT	LIGHT, 12 VOLT part of worklight option 34321; to SN 10387, replaces 34321GT, customers may need to buy a mounting bracket (35956GT) and other hardware for complete install	
18-	107858GT	WORKLIGHT,48 VOLT part of worklight option 34321; to SN 10387	2
18-	35960GT	BULB,WORKLIGHT,12V 35W part of worklight option 34321; to SN 10387	
18B	71498GT	WORKLIGHT, 12V, DEUTSCH RECEPT part of worklight option 228864; from SN 10388	
19	6036GT	WASHER,LOCK,.625 PLTD	
20	35956GT	WORK LIGHT MOUNTING BRACKET	2
21	6145GT	SCREW, HHC, 1/4-20 X 1.5	
22	6356GT	WASHER, LOCK, .25	

803.1 Ground and Platform Control Box Covers



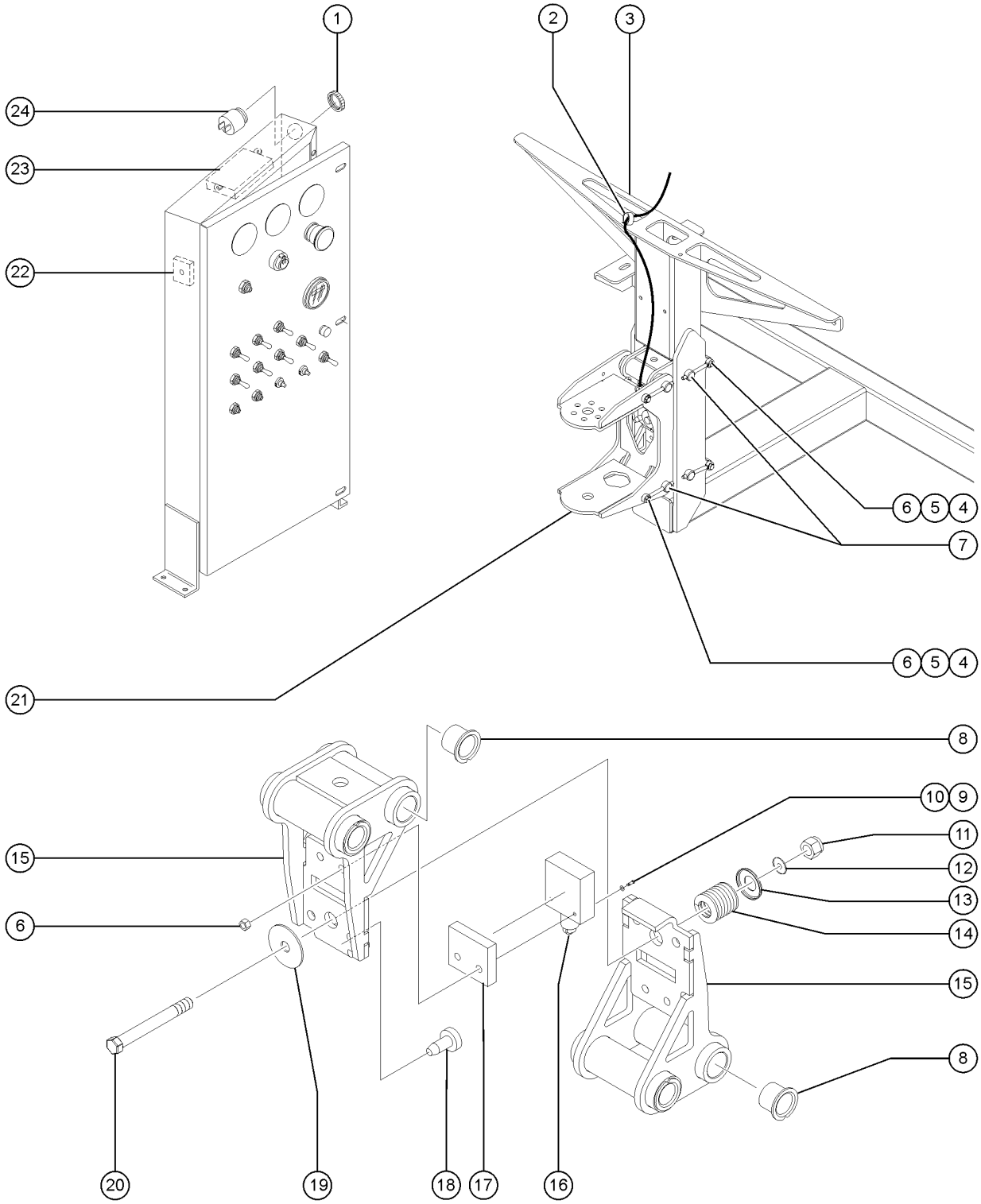
Item	*Part No.*	*Description*	*Qty.*
A-	88609-SGT	CONTROL BOX COVER ASSY*** to SN 5221	
B-	T109328GT	ACC,PLAT CONTROL COVER, SERV from SN 5222	
C-	89883-SGT	CONTROL BOX COVERS,OPTION,Z60	
1	54486GT	RIVET,ALUM,ALUM,3/16BUTTONHEAD	11
2	111526GT	HINGE,PLAT CONTROL BOX COVER	1
3	6889GT	NUT,LP NYLOCK,1/4-20	
4	6638GT	WASHER, FLAT, USS, 1/4"Y	
5	6888GT	SCREW, HHC, 1/4-20 X 1	
6	43392GT	BUMPER,BATTERY BOX & RAILS	2
7	30468GT	LATCH,SLIDE, FLUSH MOUNT STYLE	2
8	102676GT	LID ASSY,CONTROL BOX COVER PLT includes items 1, 3-8 and 14	1
8	102785PGT	CONTROL BOX COVER,LID,PTD	
9	49534GT	DOOR LATCH,BASE CONTROL BOX	1
10	53189GT	RIVET,ALUM,ALUM,P,.25X.375	7
11	89723GT	COVER ASSEMBLY BASE CONTROL BO includes items 9, 10 and 12	1
12	30468GT	LATCH,SLIDE, FLUSH MOUNT STYLE	1
13	88607PGT	COVER,CONTROL BOX LEFT SIDE***	1
14	88606PGT	COVER,CONTROL BOX RIGHT SIDE**	
14-	102786PGT	FORMING,LATCH,CTRL BOX LID PTD	2

804.1 Platform Overload - European Models



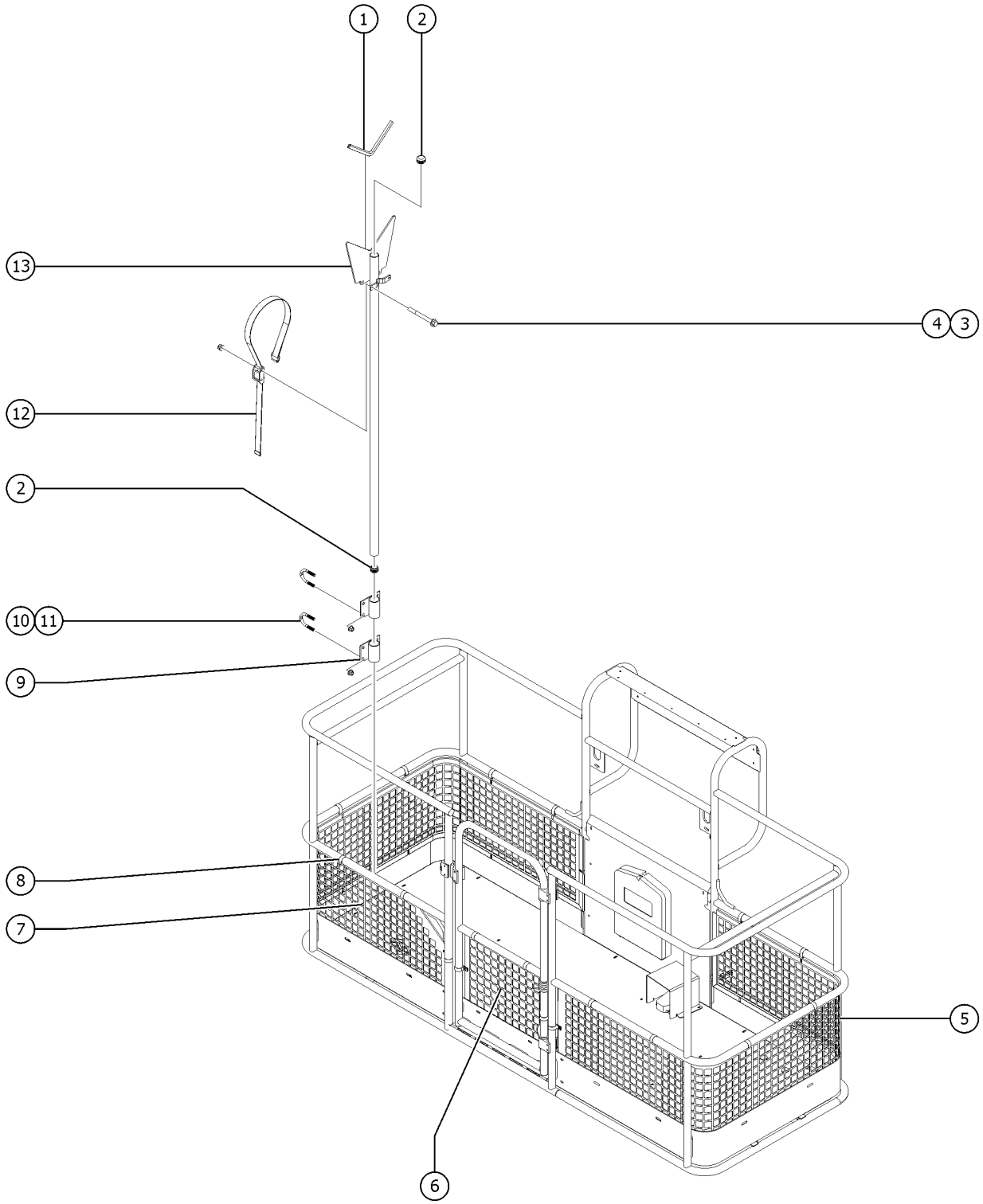
Item	Part No.	Description	Qty.
A-	146034GT	OPT,PLAT LD SENSE Z60-2008	
B-	121847GT	RELAY,TIME DELAY,2 SEC,30A (platform control box); from SN 9799	
1	72326GT	NUT - PLASTIC, RING FOR ALARMS	1
2	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	1
2-	6090GT	SCREW, HHC, 1/4-20 X .75	
2-	6091GT	NUT,NYLOCK,1/4-20	
3	61997GT	WELDMENT,PLATFORM SUPPORT,CE European models	1
4	6888GT	SCREW, HHC, 1/4-20 X 1	
55	825020GT	ROD END, .25 X 2.75, ZAG	4
6	6091GT	NUT,NYLOCK,1/4-20	
7	61726GT	PIN,0.75DIAX5.75LG,CHAMFER	4
7-	94643GT	ZERK,GREASE,5/16-24,STRAIT	
8	25685GT	BEARING,GARLOCK,12FDU12	8
9	51063GT	SCREW,PHILLIPS,RHM,10-32 X 1.5	
10	6146GT	WASHER,FLAT,MS,#10,Y	
11	4828GT	NUT, NYLOCK, 3/8-16	
12	6097GT	WASHER, FLAT, USS, 3/8", Y	
13	61975GT	RETAINER,SPRING,1.21 X .375	1
14	61974GT	SPRING,COMP,1" OD,232 LB/IN	1
15	89755GT	LOAD SUPPORT W/BEARINGS includes item 8	2
15-	110789GT	WASHER,SHIM .0151 THK.	
16	94549GT	SWITCH,LOAD LIMIT to SN 9798	1
16-	121848GT	ASSY,LS,LOAD SENSE,38.5 IN from SN 9799	
17	61972GT	MOUNT,SWITCH	1
18	34619GT	BUMPER,RUBBER***	2
19	80605GT	WASHER,FLAT,3/8X1.5X.06	
20	21604GT	SCREW,HHC,3/8-16 X 3.25	
21	101845GT	ROTATOR MOUNT KIT	1

804.1 Platform Overload - European Models



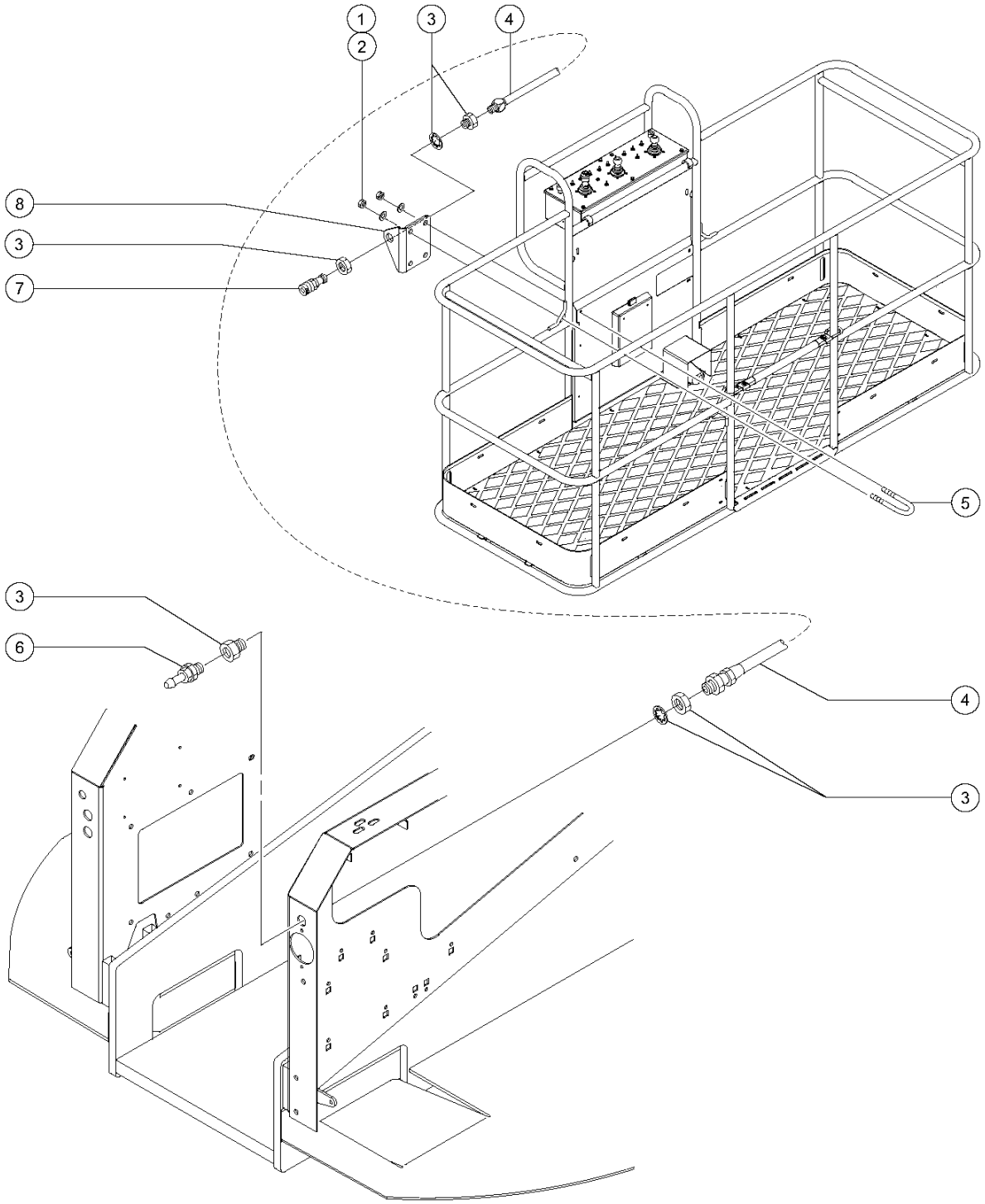
Item	*Part No.*	*Description*	*Qty.*
22	121846GT	RELAY, TIME DELAY, 2 SEC, 10A from SN 9799	
23	128045GT	MODULE,LOAD SENSE 2007	1
24	45383GT	ALARM,WARBLE TONE 5-30 VDC*** order 72326 retainer nut separately	1

805.1 Platform Half-mesh and Pipe Cradle



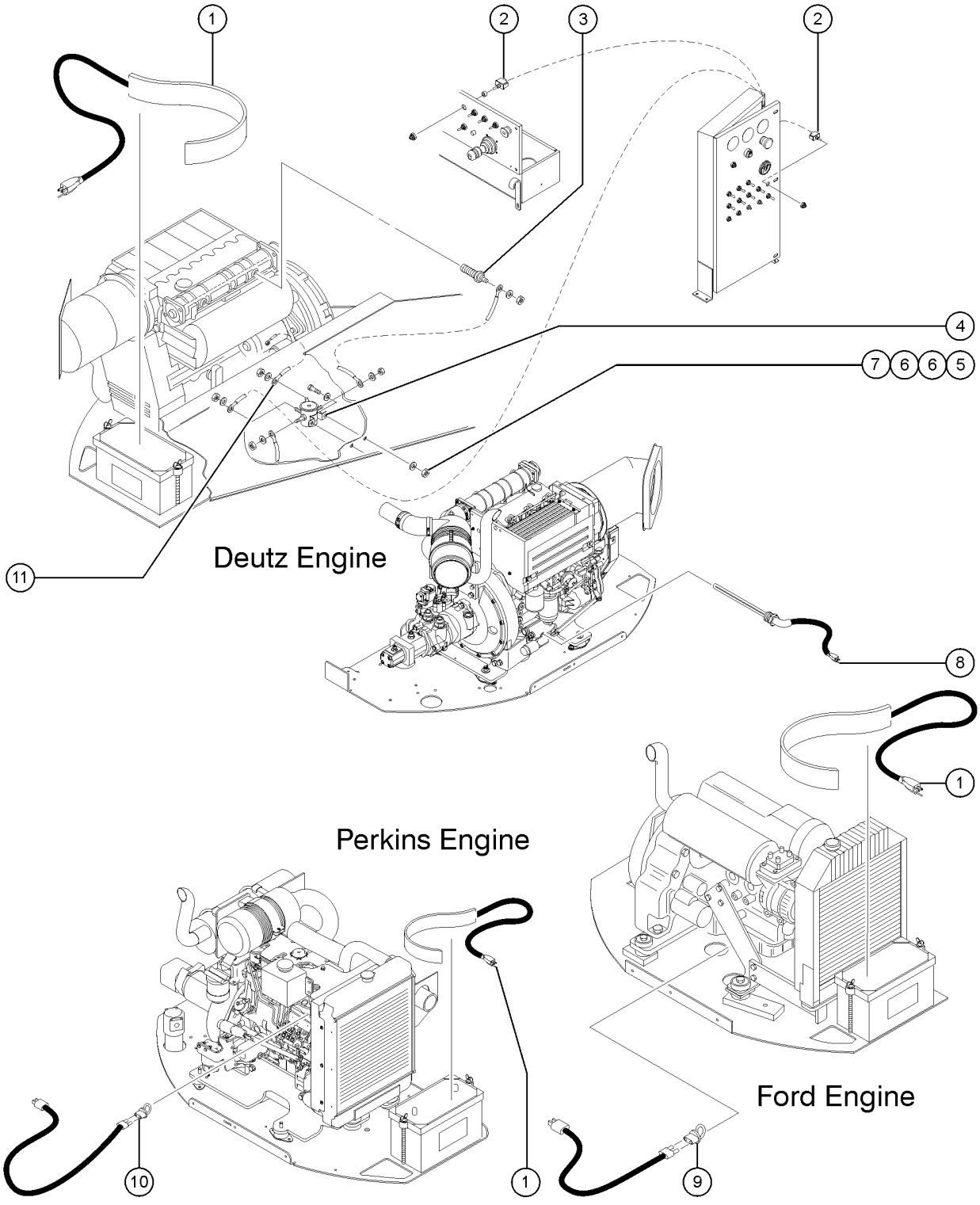
Item	Part No.	Description	Qty.
A-	85300GT	PIPE CRADLE ASSY. SERV (ONE)** (ANSI & CE only) (This is a single assembly. Qty 2 of 85300GT required to complete a set)	
B-	65630GT	INSTRUCTIONS-PIPE CRADLE,BOOMS	
C-	72875GT	DECAL,WARNING,PIPE CRADLE,BOOM	
D-		Ref. Swing Gate Option, Complete (refer to 802.1)	
1	19018-1100GT	TRIMLOCK,BLACK,5/32"	2
2	55753GT	BUMPER, PLASTIC, 1.25 O.D.	4
3	824083GT	SCREW,HHF,1/4-20X2.5,8,ZAG	4
4	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	4
5	73500GT	HALF MESH,8'PLATFORM,RH***	1
5-	54465GT	MESH,HALF,RH,6'PLATFORM	
6	54457GT	MESH,HALF,SWING GATE***	1
7	73501GT	HALF MESH,8'PLATFORM,LH	1
7-	54458GT	MESH,HALF,LH,6'PLATFORM	
8	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	14
8-	6090GT	SCREW, HHC, 1/4-20 X .75	
8-	6091GT	NUT,NYLOCK,1/4-20	
8-	6638GT	WASHER, FLAT, USS, 1/4"Y	
9	81368GT	WELDMENT,PIPE CRADLE MOUNT	4
10	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	8
11	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	16
12	56570GT	STRAP, CONDUIT HOLDER 60"***	2
13	56525GT	WELDMENT, PIPE CRADLE	2

806.1 Air Line to Platform



Item	*Part No.*	*Description*	*Qty.*
A-	30505GT	Z60 AIRLINE TO PLATFORM ..... includes items 3, 4, 6-8	
B-	44981GT	DECAL,LABEL,AIRLINE 110 PSI	
C-	18666GT	CLAMP,1.00,#16 X 1/4,RUB CUSH	
1	4828GT	NUT, NYLOCK, 3/8-16	
2	5397GT	WASHER, FLAT, USS, 5/16-18	
3	49212GT	FEMALE BULKHEAD CONNECTOR-8	2
4	49190-94800GT	HOSE ASSEMBLY,1/2"	
5	122755GT	UBOLT,FLATTENED,1.5DIAX3/8 UNC	2
6	49214GT	MALE PIPE THD,1/4" SER,3/8"X18	1
7	49215GT	MPT,CPLR,1/4"SER,3/8"X18	1
8	60886PGT	BRACKET,AIRLINE TO PLATFORM	1

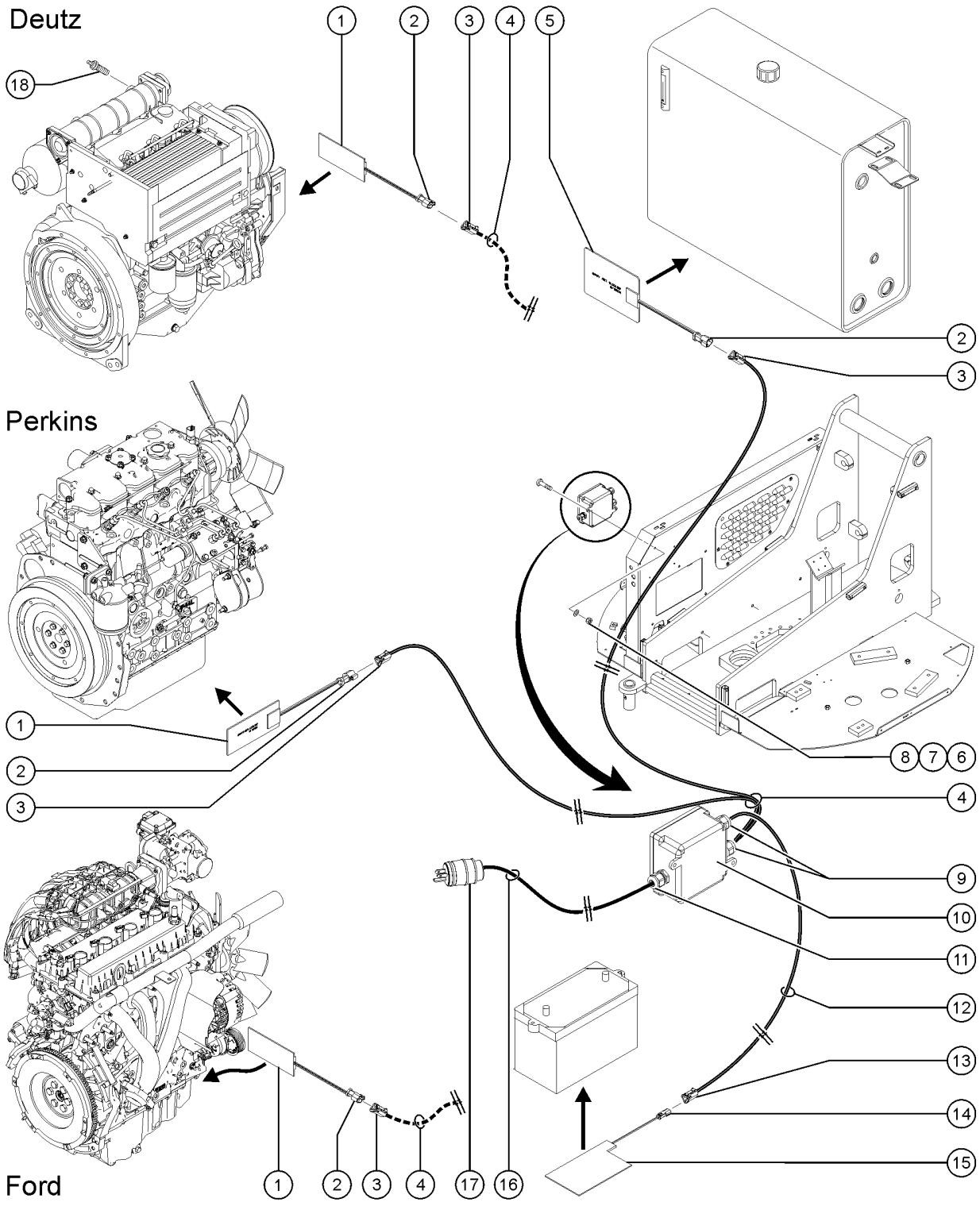
807.1 Cold Start Package (to SN 12646)



807.1 Cold Start Package (to SN 12646)

Item	Part No.	Description	Qty.
-	81123GT	HARNESS,COLD START OPT,DUETZ Deutz models; to SN 4607	
-	128365GT	HARNESS,SECOND GLOW PLUG Deutz models; from SN 4608	
-	89464GT	OPT,COLD START,DEUTZ,Z60-2002 Deutz models (includes items 1-8 and 11); to SN 4607	
-	53156GT	COLD START,FORD, BIG BOOM (includes items 1 and 9); to SN 6315	
1	28853GT	BLANKET,BATTERY	1
2	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Deutz models (glow plug)	
3	31408GT	GLOW PLUG,L1011 Deutz models (glow plug)	1
4	27155GT	SOLENOID,12V CONTINUOUS*** to SN 8609	1
5	27082GT	NUT,NYLOCK,M5X.80 to SN 8609	
6	6638GT	WASHER, FLAT, USS, 1/4"Y to SN 8609	
7	6090GT	SCREW, HHC, 1/4-20 X .75 to SN 8609	
8	128274GT	OIL PAN HEATER,DEUTZ,120V,150W Deutz Models; from SN 8610	
9	35610GT	HEATER,FREEZE PLUG,FORD LRG423 Ford models; to SN 6315	1
9-	119231GT	BLOCK HEATER,FORD DSG-423 from SN 6316	
10	77382GT	HEATER,FREEZE PLUG,PRKINS40422 Perkins models	1
11	49463GT	BATT,CABLE,RED, 4 GAUGE Deutz models; to SN 8609 54 inches	

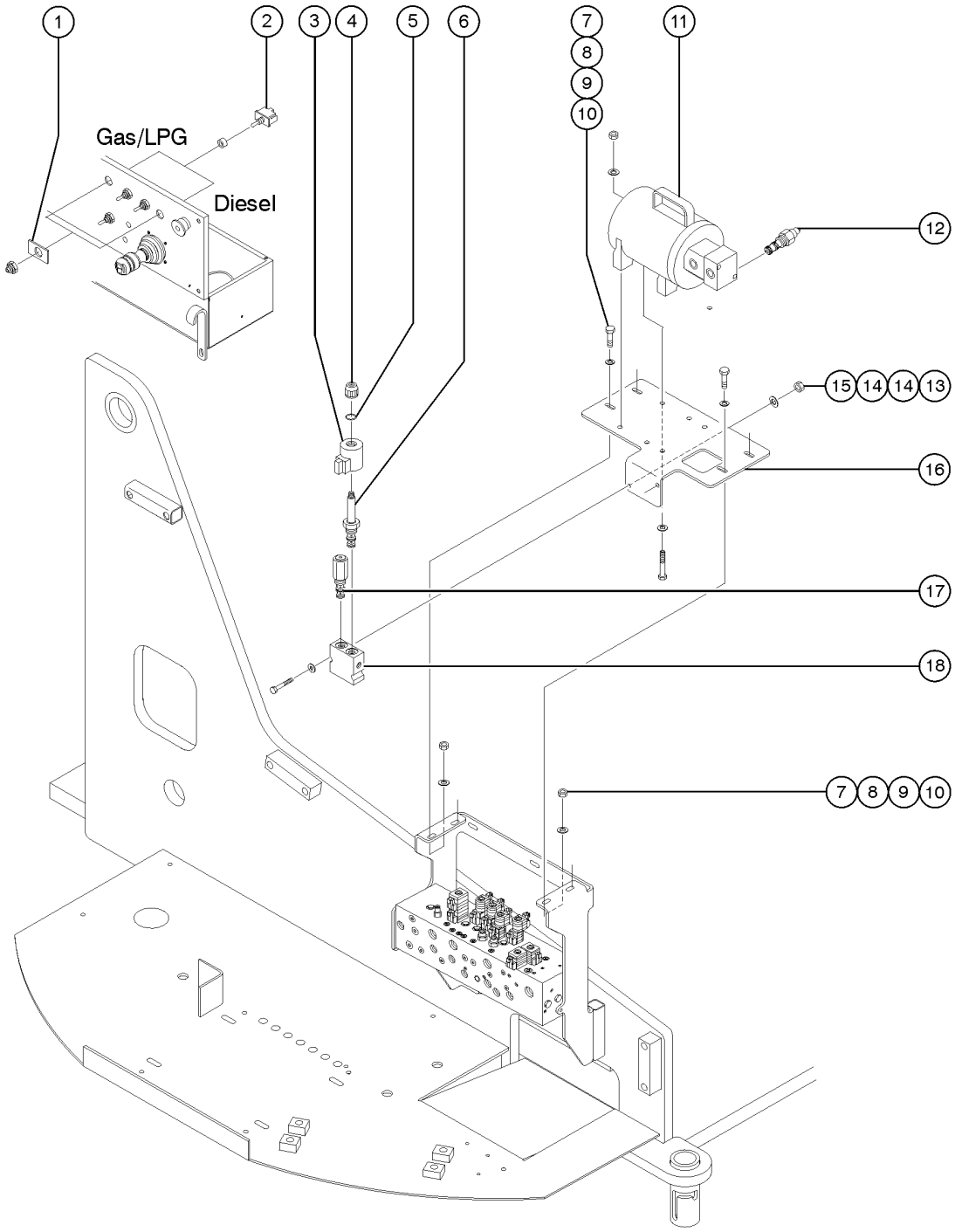
807.2 Cold Start Package (from SN 12647)



807.2 Cold Start Package (from SN 12647)

Item	Part No.	Description	Qty.
1	216615GT	ASSY HEATER, MODEL 18, 120V (120V)	1
1-	216616GT	ASSY HEATER,MODEL 18,240V (240V)	
2	119066GT	CONN, RECEP, 3 WAY, DEUTSCH, DT, ENDCAP Part of heater assembly	2
3	119057GT	CONN, PLUG, 3 WAY, DEUTSCH, DT, ENDCAP Part of wire harness	2
4	216662GT	HARNESS,ENG/HYD HEATER,120V (120V)	1
4-	216683GT	HARNESS,ENG/HYD HEATER,240V (240V)	
5	216612GT	ASSY,120V HEATER, HYD TANK (120V)	1
5-	216611GT	ASSY,240V HEATER, HYD TANK (240V)	
6	75041GT	SCREW,PHILLIPS,PHM,10-32 X 1	1
7	6146GT	WASHER,FLAT,MS,#10,Y	1
8	14392GT	NUT,LP NYLOCK,10-32	1
9	99778GT	CABLE SQUEEZE CONN,4 WIRE Part of of wire harness	2
9-	238123GT	HUBBLE NUT, PG11	
10	214249GT	COLD WEATHER 120V J BOX ASSY (120V)	1
10-	237711GT	COLD WEATHER 240V J BOX ASSY (240V)	
11	214536GT	SQUEEZE CONN W/NUT, 2WIRE, 4MM Part of of wire harness	1
12	216657GT	HARNESS, 120V BATT CABLE, 98" (120V)	1
12-	216678GT	HARNESS, 240V BATT CABLE, 98" (240V)	
13	119056GT	CONN, PLUG, 2 WAY, DEUTSCH, DT, ENDCAP	1
14	119065GT	CONN, RECEP, 2 WAY, DEUTSCH, DT	1
15	216617GT	ASSY, BATTERY HEATER, 120V (120V)	1
15-	216618GT	ASSY BATTERY HEATER,240V (240V)	
16	216606GT	HARNESS, 120V POWER CORD, 24" (120V) includes items 11 and 17	1
16-	216607GT	HARNESS, 240V POWER CORD, 24" (240V) includes item 11 only	
17	119403GT	CONN,PLUG 120 AC/15A DOMESTIC Part of wire harness	1
18	31408GT	GLOW PLUG,L1011	1

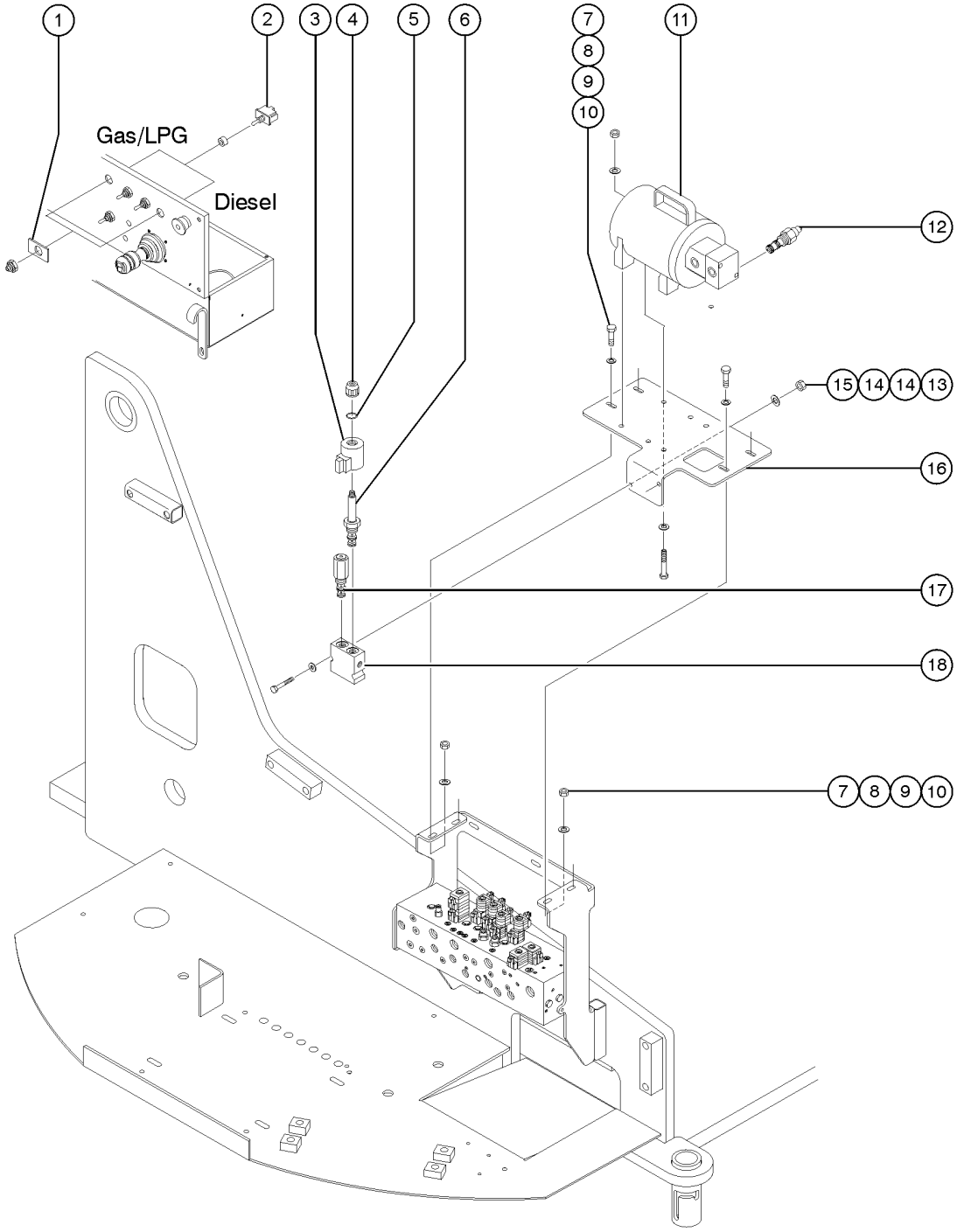
808.1 Hydraulic Generator Option - View 1 (to SN 10282)



808.1 Hydraulic Generator Option - View 1 (to SN 10282)

Item	Part No.	Description	Qty.
A-	122236GT	HARNESS,HYD GEN	
B-	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN**	
1	133518GT	DECAL, PATCH, GEN,ALC-500	1
2	128205GT	SWITCH TOGGLE ASSY DPDT 2P MNT	1
3	27535GT	COIL,12V.DO1 VALVE use until exhausted	1
4	33568GT	NUT, CP521-1 VALVE	1
5	45914GT	O-RING, DO1 VALVE	1
6	19969GT	VALVE,SOLENOID (18660)*** includes items 3-5	1
6-	56445GT	DIODE,6 AMP 200 PIV,REEL	
6-	110198GT	SEAL KIT, VALVE, #12	
7	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
8	6021GT	WASHER, LOCK, .375	
9	5397GT	WASHER, FLAT, USS, 5/16-18	
10	7713GT	NUT, LP NYLOCK, 3/8-16	
11A	111381GT	GEN,HYD,3000W,110V,60HZ includes item 12	1
11A-	58944GT	BRUSH 3/8 X 1/4 X 15/16(36928)	
11A-	52001GT	HYDRAULIC MOTOR 3000W GENER part of generator 111381	
11A-	T111608GT	SEAL,RETAINING RING	
11A-	T111609GT	SEAL,SHAFT	
11A-	T111610GT	SPACER	
11A-	T111611GT	BEARING,MOTOR	
11A-	T111612GT	RETAINING RING	
11A-	T111613GT	SHAFT,MOTOR	
11A-	58954GT	O-RING,SPACER #115***	
11A-	147836GT	SEAL, GASKET, .00075" *GOLD*	
11A-	147837GT	SEAL, GASKET, .0005" *SILVER*	
11A-	147838GT	SEAL, GASKET, .0010"	
11A-	147839GT	ASSM, GEN. ONLY, 110V, 60HZ	

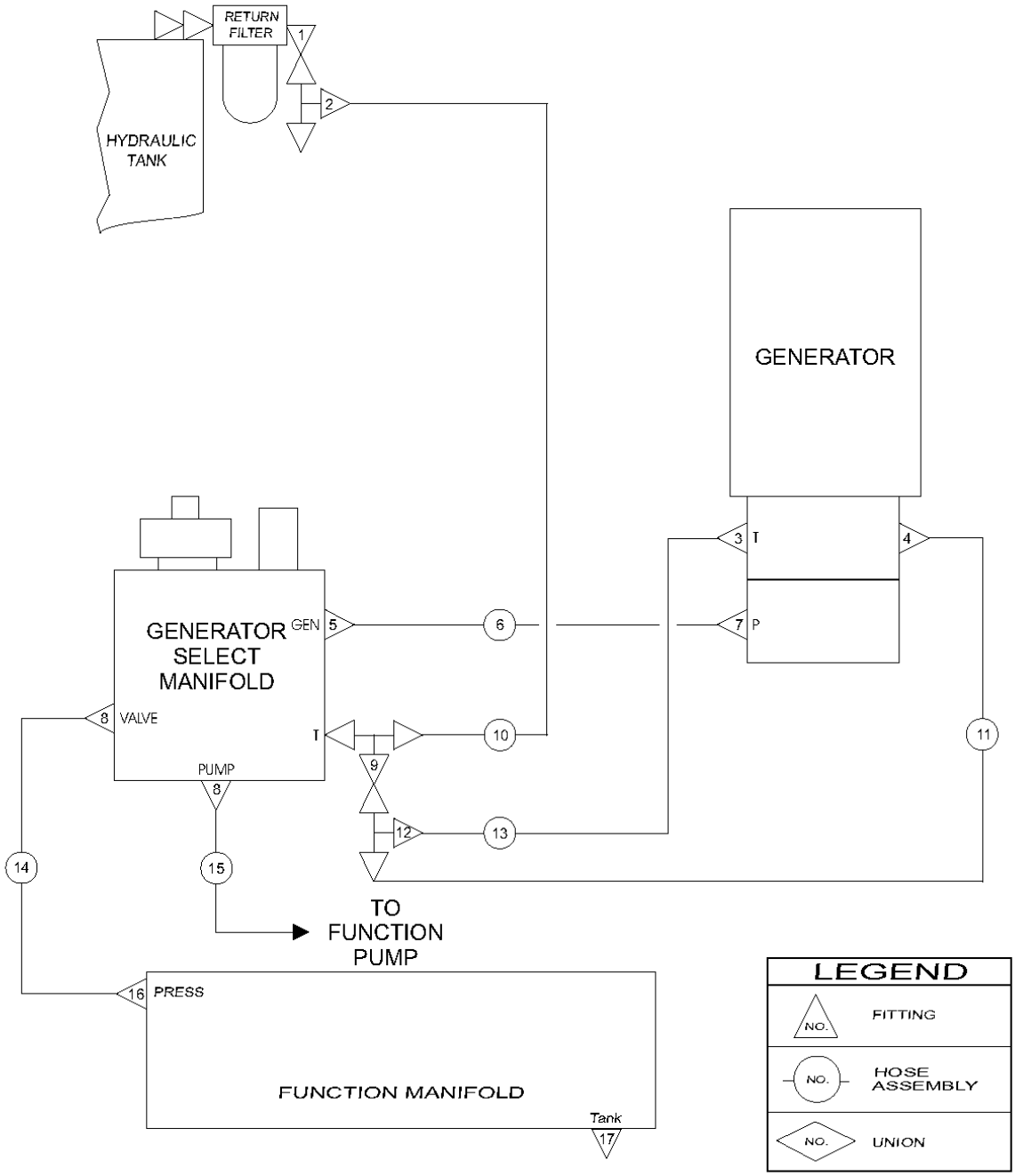
808.1 Hydraulic Generator Option - View 1 (to SN 10282)



808.1 Hydraulic Generator Option - View 1 (to SN 10282)

Item	Part No.	Description	Qty.
11B	36928GT	GENERATOR,2500W HYD.220/50HZ includes item 12	1
11B-	52086-RGT	MOTOR -HYD.2500W GENER REFURB. part of generator 36928	
11B-	58402GT	BRIDGE,50A FULL WAVE**	
11B-	89719GT	BRUSH ENDBELL ASSEMBLY (89719)	
11B-	T111608GT	SEAL,RETAINING RING	
11B-	T111609GT	SEAL,SHAFT	
11B-	T111610GT	SPACER	
11B-	T111611GT	BEARING,MOTOR	
11B-	T111612GT	RETAINING RING	
11B-	T111613GT	SHAFT,MOTOR	
11B-	147836GT	SEAL, GASKET, .00075" *GOLD*	
11B-	147837GT	SEAL, GASKET, .0005" *SILVER*	
11B-	147838GT	SEAL, GASKET, .0010"	
11B-	32732GT	RECTIFIER ASSEMBLY	
11B-	58944GT	BRUSH 3/8 X 1/4 X 15/16(36928)	
11B-	58954GT	O-RING,SPACER #115***	
12A	32735GT	VALVE,PRI. FLOW REG 4.3 for 2000W & 2500W generators	1
12B	65841GT	PRIORITY FLOW CONTROL VALVE*** for 3000W generators	
13	4266GT	SCREW,HHC,1/4-20 X 2	
14	6638GT	WASHER, FLAT, USS, 1/4"Y	
15	6091GT	NUT,NYLOCK,1/4-20	
16	75987PGT	PLATE,GENERATOR MOUNT,Z60	1
17	44950GT	VALVE,RELIEF,1500 PSI***	1
18	53976GT	MANIFOLD,GENERATOR includes items 3-6 and 17	1

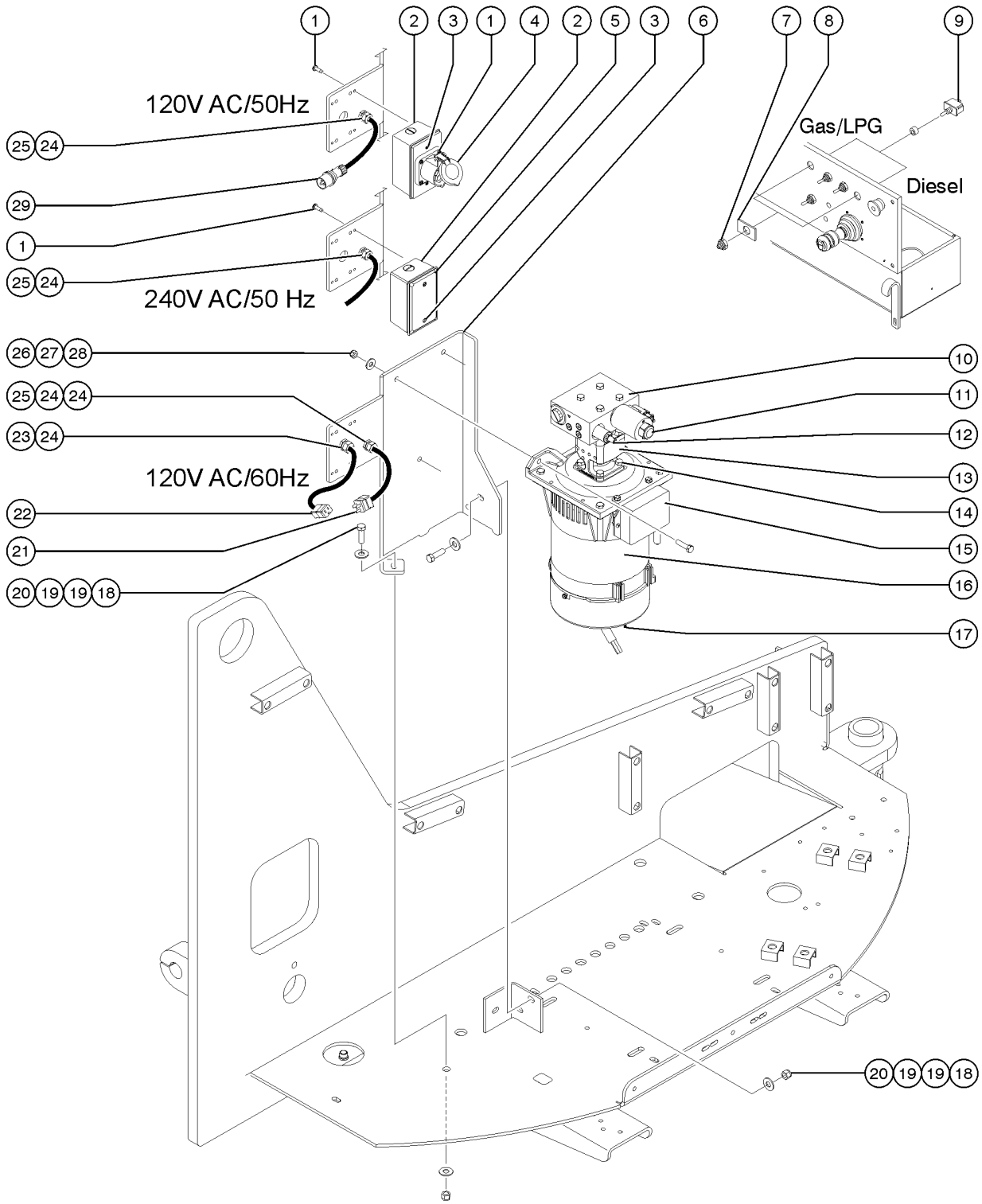
808.2 Hydraulic Generator Option - View 2 (to SN 10282)



808.2 Hydraulic Generator Option - View 2 (to SN 10282)

Item	Part No.	Description	Qty.
A-	49612GT	O-RING KIT (ORFS FITTINGS)	
B-	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	49515GT	ELBOW,90D,520202-12-16	1
2	48964GT	TEE,RUN,SWIVEL,520432-12	1
3	48946GT	CONN,520120-8-10	1
4	48904GT	ELBOW, 90D, 520220-4	1
5	48933GT	CONN,520120-8***	1
6	75278-2229GT	HOSE ASSY,1/2,90 FEM,STR FEM	1
7	48932GT	FITTING,ELBOW,90D,520220-8***	1
8	48960GT	FITTING,CONN,520120-12***	2
9	48935GT	TEE,RUN, 520428-8	1
10	94374-2130GT	HOSE ASSY,3/4,90 FEM,STR FEM	1
11	49164-1443GT	HOSE ASSY 1/4,90 DEG FEM,STR F	1
12	48938GT	FITTING,TEE,RUN,SWIVEL520432-8	1
13	49109-1529GT	HOSE ASSY,1/2,90 FEM,STR FEMM	1
14	94374-1980GT	HOSE ASSY,3/4,90 FEM,STR FEM	1
15	89871-9048GT	HOSE ASSY,3/4" STR-STR	1
16	48963GT	FITTING,ELBOW,45D,520320-12***	1
17	48977GT	CONN,520120-12-16	1

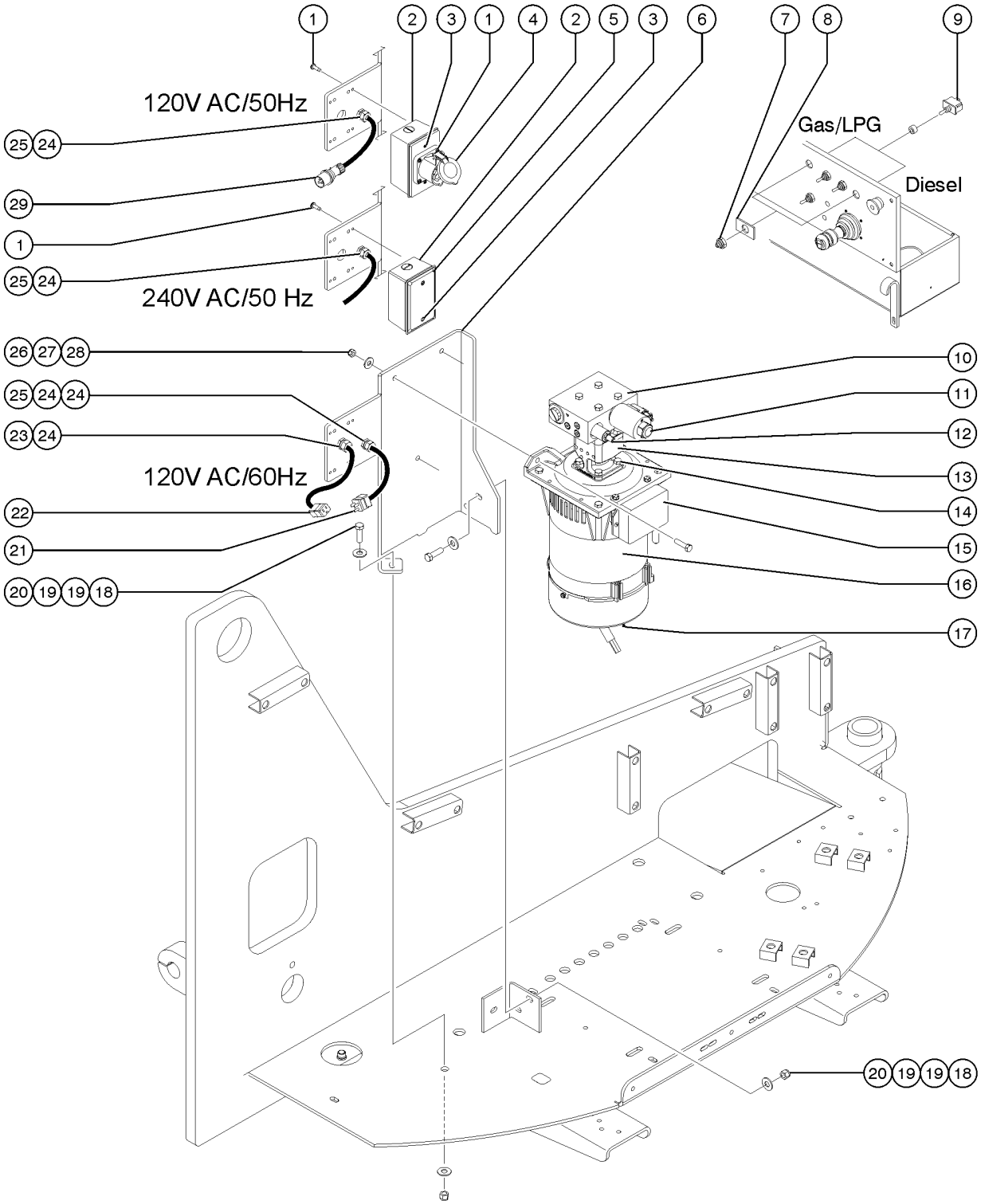
809.1 Hydraulic Generator Option (MTE) - View 1 (from SN 10283)



809.1 Hydraulic Generator Option (MTE) - View 1 (from SN 10283)

Item	Part No.	Description	Qty.
A-	1251856GT	FIELD KIT, MTE 120V-60HZ, Z60	
B-	1251857GT	KIT,MTE&OIL COOL,120V60HZ,Z60	
C-	1251858GT	INTR,HYD MTE GEN,Z60, 20V60HZ	
D-	237107GT	HARNESS,OIL COOLER	
E-	T106652GT	HARNESS, Z60 MTE GEN OPTIONS	
F-	1285230GT	CAPACITOR 12.5µF, GEN	
1	57075GT	SCREW, PHIL, 8-32 X .50, SELF TAP	
2	10775GT	T-BOX, 2.75 X 4.5 X 2.0**	
2-	74052GT	GASKET,COVER,GFCI,WEATHERPROOF	
3	63375GT	SCREW, FHM, 6-32 X .75	
4	T112560GT	RECEPTACLE,UK,110V	
5	10777GT	COVER,BLANK	
6	146351GT	FORMING,GEN MOUNTING BRKT	
7	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
8	133518GT	DECAL, PATCH, GEN,ALC-500	
9	128205GT	SWITCH TOGGLE ASSY DPDT 2P MNT includes item 7	
10	147229GT	MANIFOLD ASSEMBLY, GEN (complete) includes items 11 and 12	
11	147232GT	12VDC PROPORTIONAL VALVE	
12	147233GT	VALVE, RELIEF, GEN, 3.0kW	
13	147230GT	207 HYD MOTOR ASSY, GEN	
13-	147231GT	SEAL KIT, HYD MOTOR, GEN	
14	147242GT	SCREW, GEN ROTOR	
15	1269693GT	CONTROL BOX,2KW,120/240V,50HZ	
15-	147228GT	CONTROLLER BOX, 120/240V, 60H	
16A	139952GT	GENERATOR, 3kW, 120V/50Hz (complete) includes items 10-17	1
16B	139953GT	GENERATOR, 3kW, 120V/60Hz (complete) includes items F, 10-17	
16B-	147239GT	BREAKER, 25 AMP, GEN 60hz	
16B-	147241GT	COVER, END, GEN, 120V	

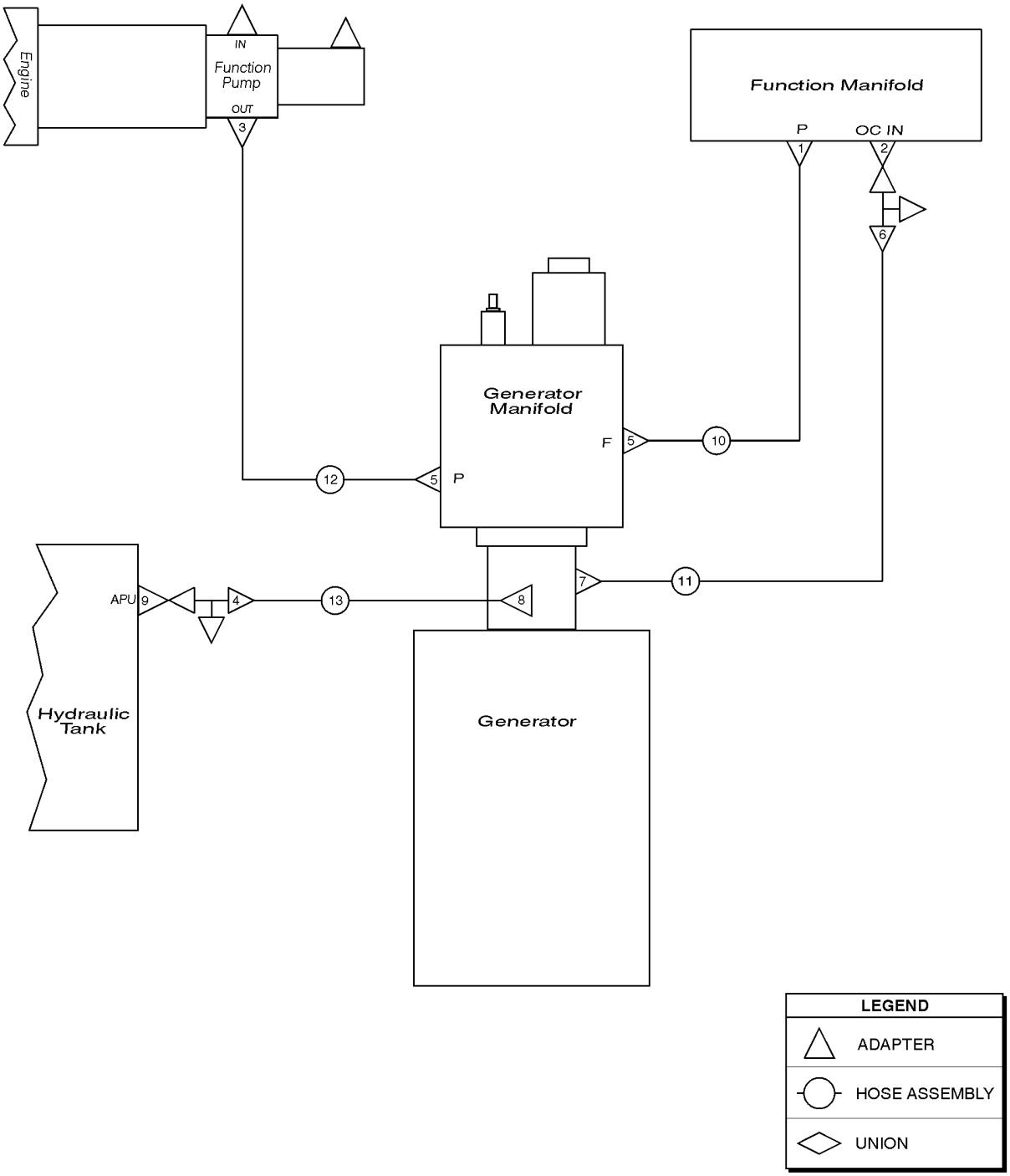
809.1 Hydraulic Generator Option (MTE) - View 1 (from SN 10283)



809.1 Hydraulic Generator Option (MTE) - View 1 (from SN 10283)

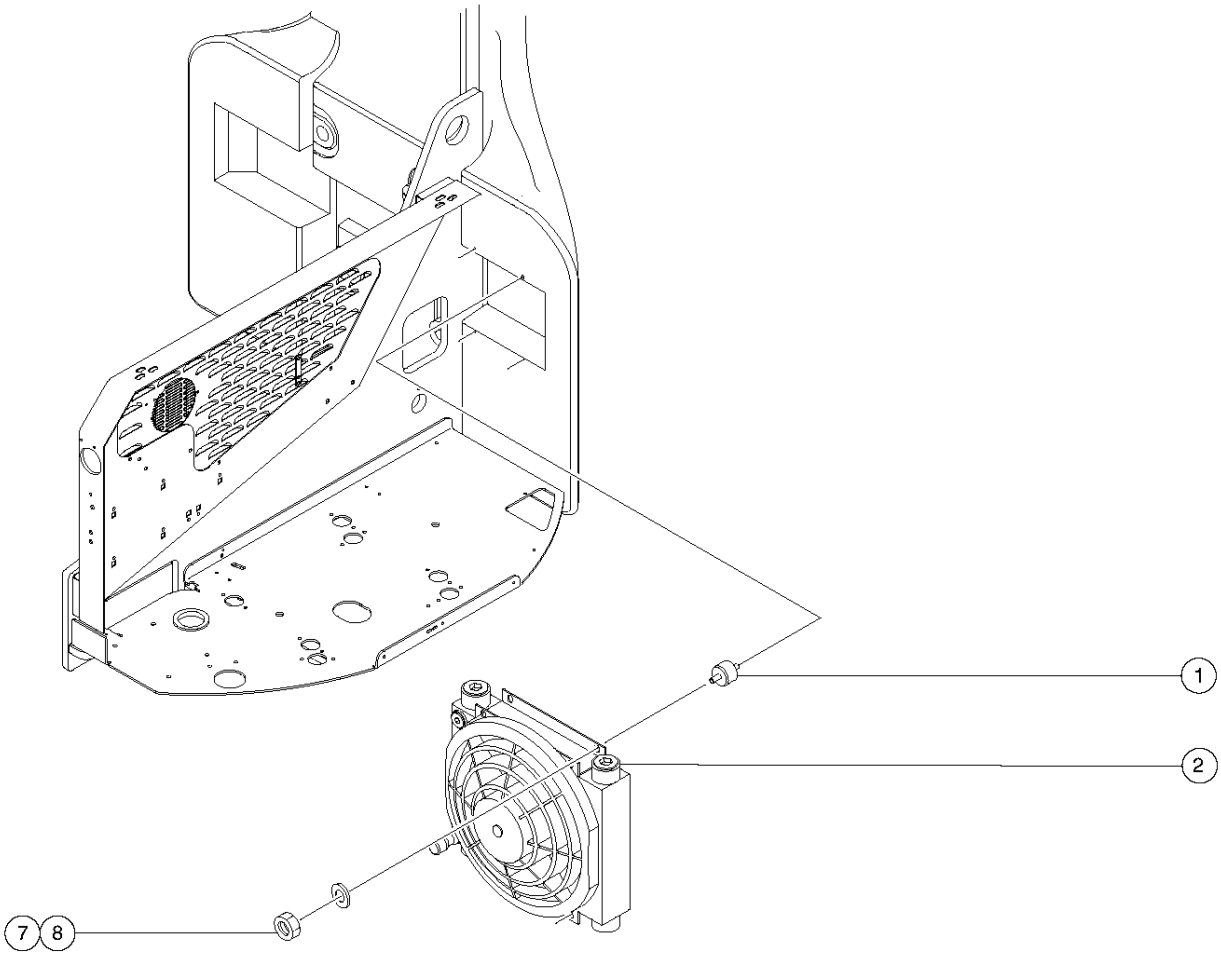
Item	Part No.	Description	Qty.
16B-	147242GT	SCREW, GEN ROTOR	
16B-	119067GT	CONN, RECEP, 4 WAY, DEUTSCH, DT, ENDCAP	
16C	139954GT	GENERATOR, 3kW, 240V/50Hz (complete) includes items 10-17	
16C	147258GT	BREAKER,15 AMP,GEN 50hz	
17	147239GT	BREAKER, 25 AMP, GEN part of generators 139952 and 139953	1
17-	147258GT	BREAKER,15 AMP,GEN part of generator 139954	
18	4828GT	NUT, NYLOCK, 3/8-16	
19	6097GT	WASHER, FLAT, USS, 3/8", Y	
20	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
21	6595GT	PLUG,ELECTRICAL,DOMESTIC	
22	19020GT	CONNECTOR,FEMALE,RECPTCLE,110V	
23	7057GT	CONN. SQZ,1/2NPT .39-.56 MED.	
24	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	
25	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	
26	6782GT	NUT, NYLOCK, 5/16-18	
27	5397GT	WASHER, FLAT, USS, 5/16-18	
28	13000GT	SCREW,HHC,5/16-18 X 1.25	
29	144161GT	PLUG,PWR,UK,16AMP,3PIN,BLK	

809.2 Hydraulic Generator Option (MTE) - View 2 (from SN 10283)

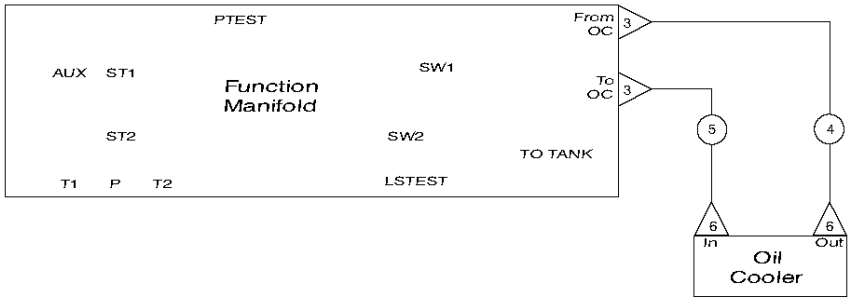


809.2 Hydraulic Generator Option (MTE) - View 2 (from SN 10283)

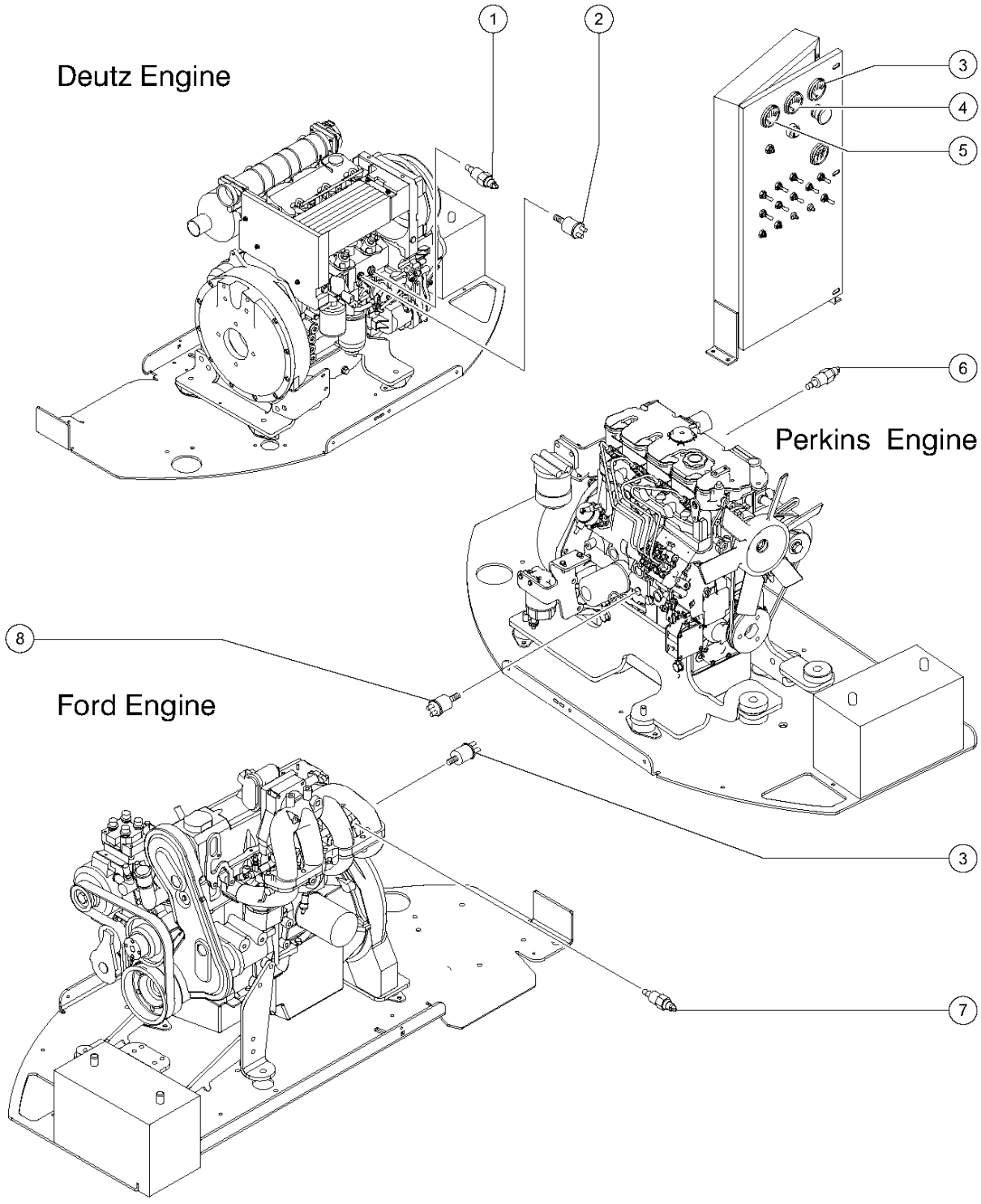
Item	Part No.	Description	Qty.
1	48963GT	FITTING,ELBOW,45D,520320-12***	1
2	48960GT	FITTING,CONN,520120-12***	1
3	48937GT	ELBOW,45D,520320-8	1
4	48875GT	TEE,RUN,SWIVEL,520432-6	1
5	48947GT	ELBOW,90D,520220-8-12	2
6	48964GT	TEE,RUN,SWIVEL,520432-12	1
7	75614GT	ELBOW,90D,LONG,521520-8	1
8	49861GT	CONN,LONG,520122-4	1
9	48922GT	CONN,520102-6-6	1
10	54085-8218GT	HOSE ASSY,R.FILTER/F.MANIFOL** components: 48822, 48836 and 48756 @ 80 inches	1
11	49142-7062GT	HOSE ASSEMBLY,1/2" components: 48822, 48839 and 48756 @ 68 inches	1
12	49143-12229GT	HOSE ASSY,1/2,90 FEM,STR FEM components: 48822, 48827 and 48756 @ 120 inches	1
13	49118-6408GT	HOSE ASSY,1/4,90 FEM,STR FEM components: 48800, 48811 and 48751 @ 62 inches	1



LEGEND
ADAPTER
HOSE ASSEMBLY

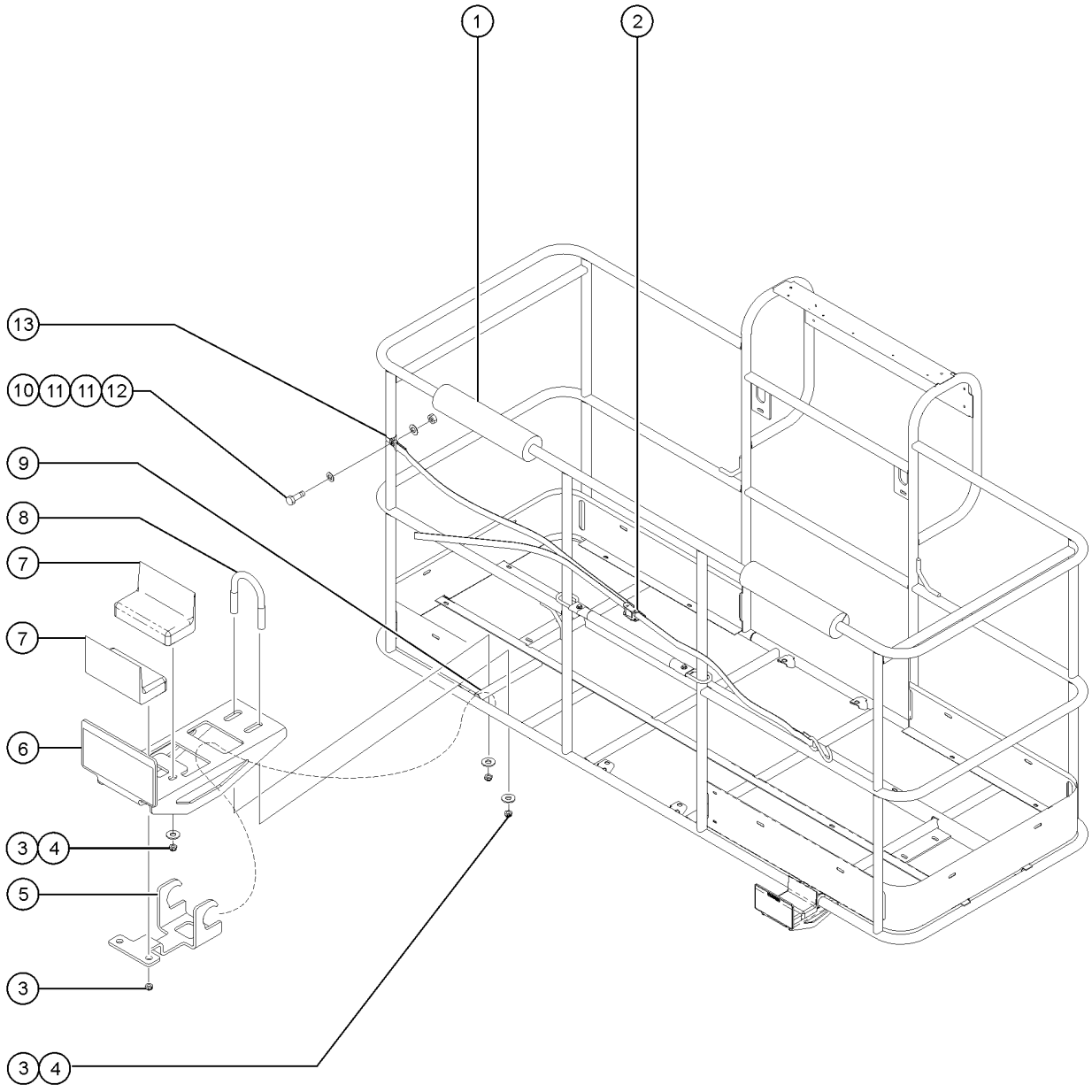


Item	*Part No.*	*Description*	*Qty.*
A-	89441GT	OPTION OIL COOLER Z60	
B-	89179GT	HARNESS,OIL COOLER	
1	75260GT	ISOLATOR,FLEX-BOLT SANDWICH***	4
2	71259GT	OIL COOLER W/FAN, 12VDC	1
2-	75854GT	FAN - VENTED	
2-	75855GT	THERMOSTAT -OIL COOLER (71259)	
3	48960GT	FITTING,CONN,520120-12***	2
4	49151-9948GT	HOSE ASSY,3/4,STR FEM,STR FEM to SN 4680	1
4-	49151-10448GT	HOSE ASSY,3/4",STR FEM,STR FEM from SN 4681	1
5	49151-8948GT	HOSE ASSY,3/4,STR FEM,STR FEM to SN 4680	1
5-	49151-8648GT	HOSE ASSY,3/4",STR FEM,STR FEM from SN 4681	1
6	48959GT	FITTING,ELBOW,90D,520220-12	2
7	4828GT	NUT, NYLOCK, 3/8-16	
8	6097GT	WASHER, FLAT, USS, 3/8", Y	


Deutz Engine
1
2
3
4
5
6
Perkins Engine
8
Ford Engine
3
7

Item	Part No.	Description	Qty.
	102326-SGT	OPTION,GAUGE,FORD TIER II Ford Models; to SN 6315	
	111591-SGT	OPITON,GAGE,FORD 2007,Z60 SVC Ford Models; from SN 6316	
	89405-SGT	OPTION,FULL GAUGE,DEUTZ Deutz Models; to SN 4607	
	102324-SGT	OPTION,GAUGE,DEUTZ F3L 2011 Deutz Models; from SN 4608	
	102275-SGT	OPTION,FULL GAUGE,PERKINS404 Perkins Models	
1	30810GT	SENDING UNIT,OIL PRESSURE*** dual-terminal sender	1
1-	70486GT	TEE,UNION,1/4" Ford models	
2	53760-SGT	GAUGE,OIL TEMP includes mounting bracket and fasteners	
3	53761-SGT	GAUGE,VOLTAGE includes mounting bracket and fasteners	1
4	53758-SGT	GAUGE,OIL PRESSURE W/O SENDER includes mounting bracket and fasteners	1
5	53759-SGT	GAUGE,WATER TEMP includes mounting bracket and fasteners; Ford and Perkins models	1
5-	53760-SGT	GAUGE,OIL TEMP includes mounting bracket and fasteners; Deutz models	
6	34058GT	SENDING UNIT,TMP,FRD,GM,PRK704 Perkins models	1
6-	28607GT	ADAPTER,140139-8-6	
7	65456GT	SENDING UNIT-H20TMP LRG425EFI* Ford models; to SN 6315	1
7-	33972GT	SENSOR,COOLANT TEMP*	
7-	28607GT	ADAPTER,140139-8-6	
8	102348GT	SENDING UNIT,OIL PRESS PERKINS	1
8-	53950GT	ADAPTER, 010103	

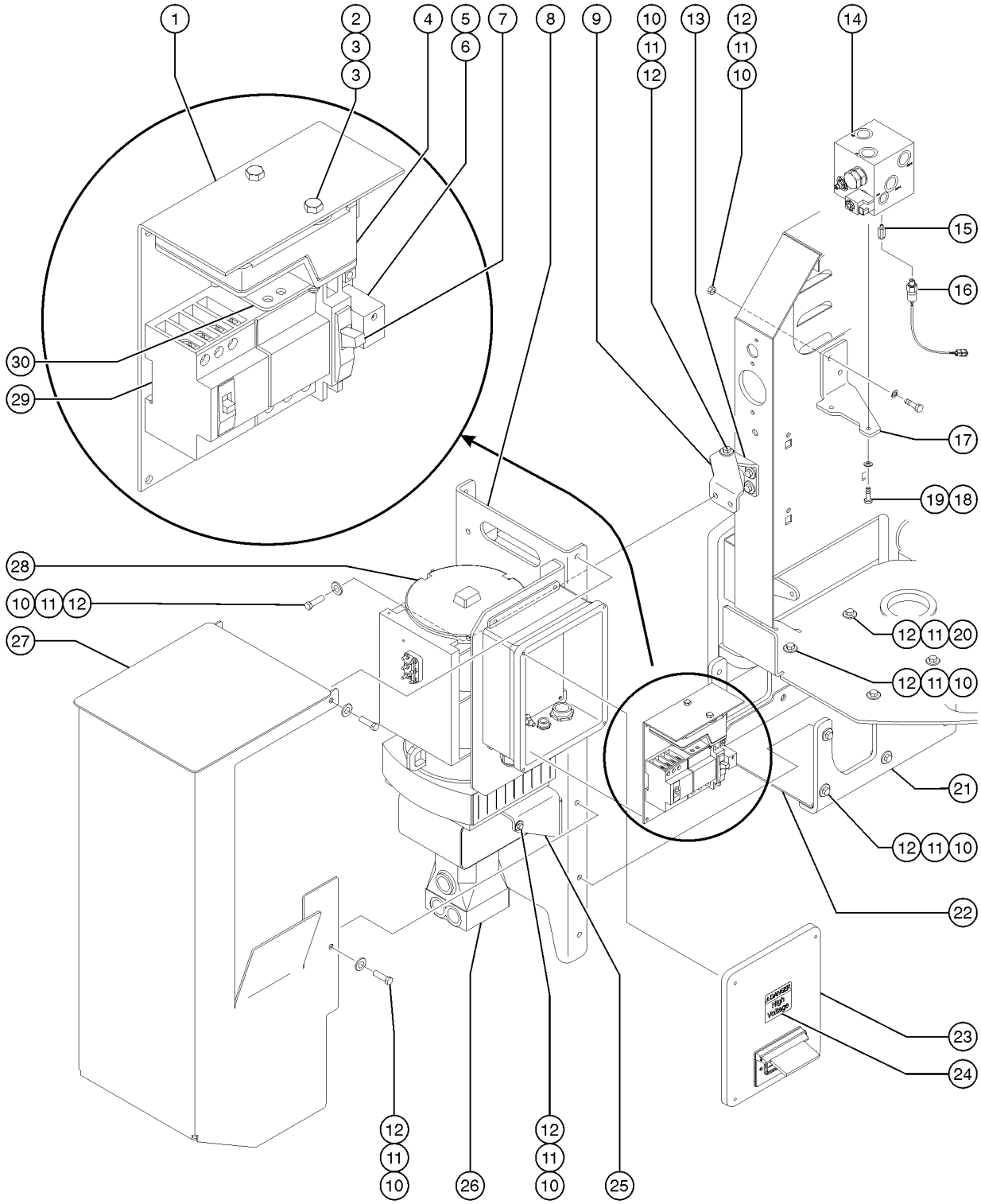
812.1 Panel Cradle Option



812.1 Panel Cradle Option

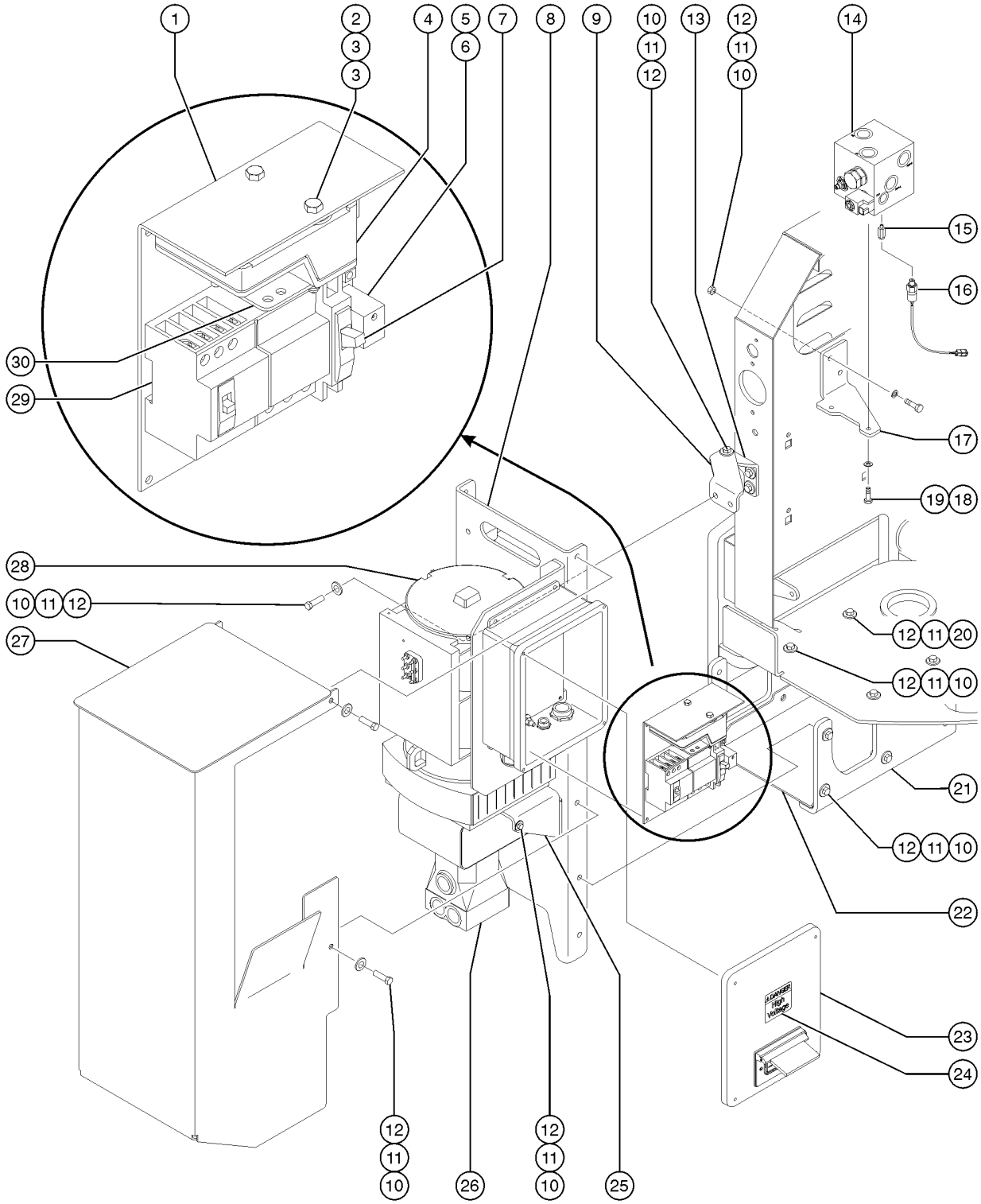
Item	Part No.	Description	Qty.
A-	77683GT	ACCESSORY,PANEL CRADLE,ANSI (ANSI/CSA models)	
B-	94493-SGT	KIT,PANEL CRADLE,CE (CE/AUS models)	
1	88377-1400GT	FOAM PAD***	2
2	77664GT	ADJUSTABLE STRAP ASSY	1
3	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	8
4	5397GT	WASHER, FLAT, USS, 5/16-18 for machines before 2010	
5	228849GT	FORMING,SECONDARY SUPPORT 77576P is no longer available. For machines before 2010, must install Qty 2 service kit 233992 (ANSI) or 233993 (CE) for initial replacement.	2
6	228848GT	FORMING PANEL CRADLE 89724 is no longer available. For machines before 2010, must install Qty 2 service kit 233992 (ANSI) or 233993 (CE) for initial replacement.	2
6-	233992GT	KIT,PANEL CRADEL BRACKET,WORD (ANSI models) (includes hook, panel support bracket and installation instructions)	1
6-	233993GT	KIT,PANEL CRADLE BRACKET,SYMBL (CE models) (includes hook, panel support bracket and installation instructions)	1
7	56934GT	PAD,REST,1"THICK,FLANGED	4
7A	824038GT	NUT, TL JAM, 3/8-16, A, ZAG for 56934	4
8	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	2
9	73463-1175GT	TUBE, RD, ALUM, 1.25 X .083 X 11.75	2
10	1256855	SCREW,HHF,1/4-20X.625,8,ZAG	1
11	6638GT	WASHER, FLAT, USS, 1/4"Y for machines before 2010	
12	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	1
13	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	1

813.1 Welder Option, Chassis Components



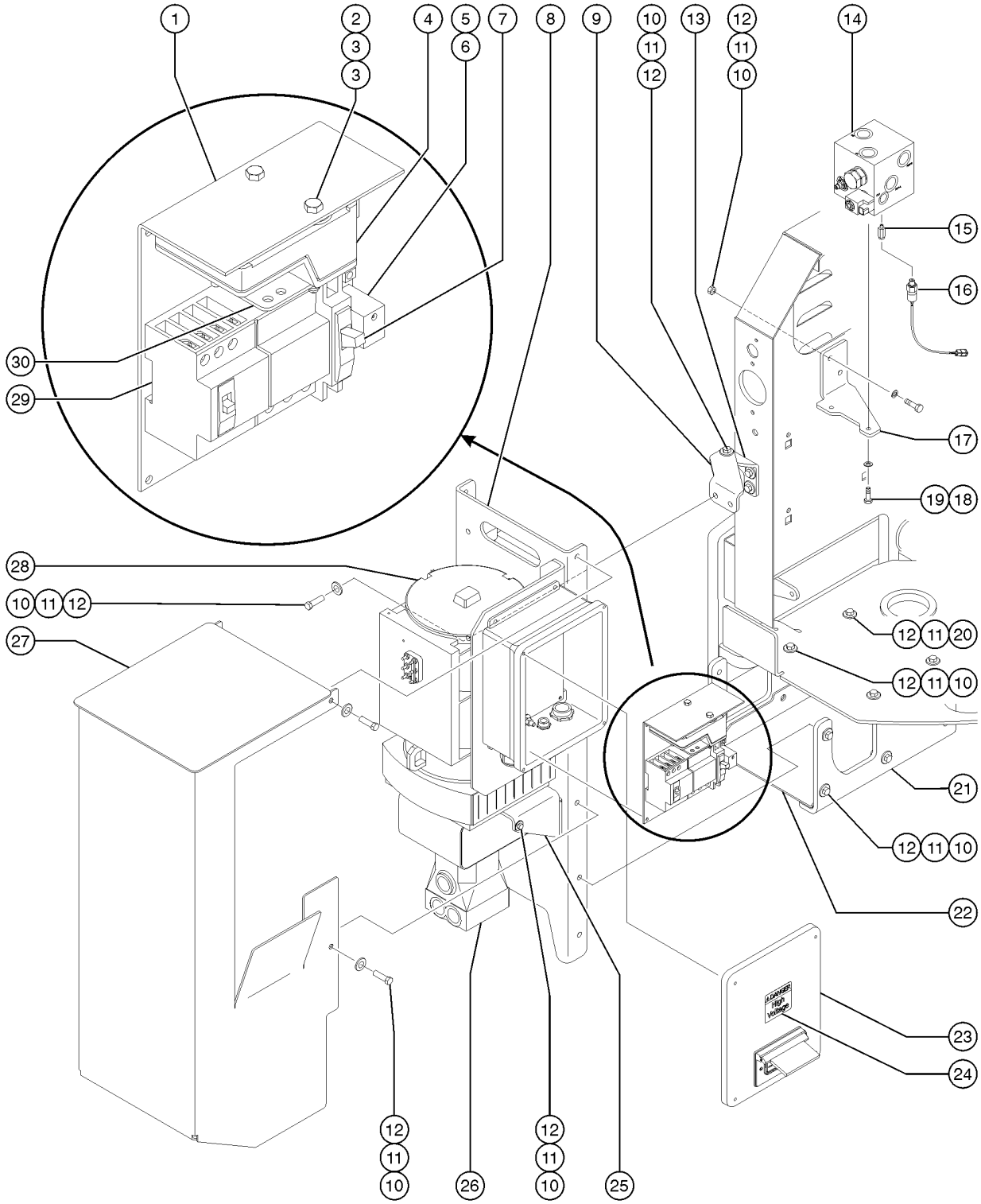
Item	Part No.	Description	Qty.
A-	106644GT	HARNESS,GROUND WIRES	
B-	226503GT	HARNESS,WELD GEN ENCLOSURE	
C-	226504GT	HARNESS,HYD GENERATOR	
D-	106678GT	HARNESS,WELDER GEN TO J-BOX	
E-	110220GT	DECAL,WARNING,WELDER SAFETY	
F-	110344GT	BRUSH BOX,ASSY,GEN***	
G-	21187GT	PLUG,NYLON 1.38 BLACK DOMED	
H-	228888GT	KIT BONDED WELD LEADS Z60 (welder cable kit option only); from SN 11160	
I-	228886GT	CABLE,2/0 WELD LEAD,TWIN Z60 (part of kit option 228886); from SN 11160	
1	102314GT	PANEL, ENCLOSURE, LINCO WELDER	1
2	36294GT	SCREW,HHC,1/4-20 X 2.75	
3	6889GT	NUT,LP NYLOCK,1/4-20	
4	106658GT	MODULE,SX CONTROLLER,LOW AMP	1
5	33607GT	RELAY,OMRON,DPDT,12V	1
6	33608GT	RELAY,SOCKET,OMRON	1
7	106073GT	CIRCUIT BREAKER,20A,SINGLE PH	1
8	106412PGT	BRKT,WELDER GEN MOUNT BACK,PNT	1
9	106587PGT	FORMING, ROTATE GUSSET #2,P	1
10	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
11	6097GT	WASHER, FLAT, USS, 3/8", Y	
12	4828GT	NUT, NYLOCK, 3/8-16	
13	106588PGT	FORMING, ROTATE GUSSET #1,P	1
14	101516GT	MANIFOLD,DRIVE OIL DIVERTER	1
14-	102746GT	VALVE,PILOT OPER DIRECTIONAL	
14-	106394GT	ORIFICE DISC,.030,CONE	
14-	122302GT	RELIEF,VALVE 270 PSI	
14-	128416GT	SEAL KIT use with part 94757	
14-	128419GT	SEAL KIT use with part 94760	

813.1 Welder Option, Chassis Components



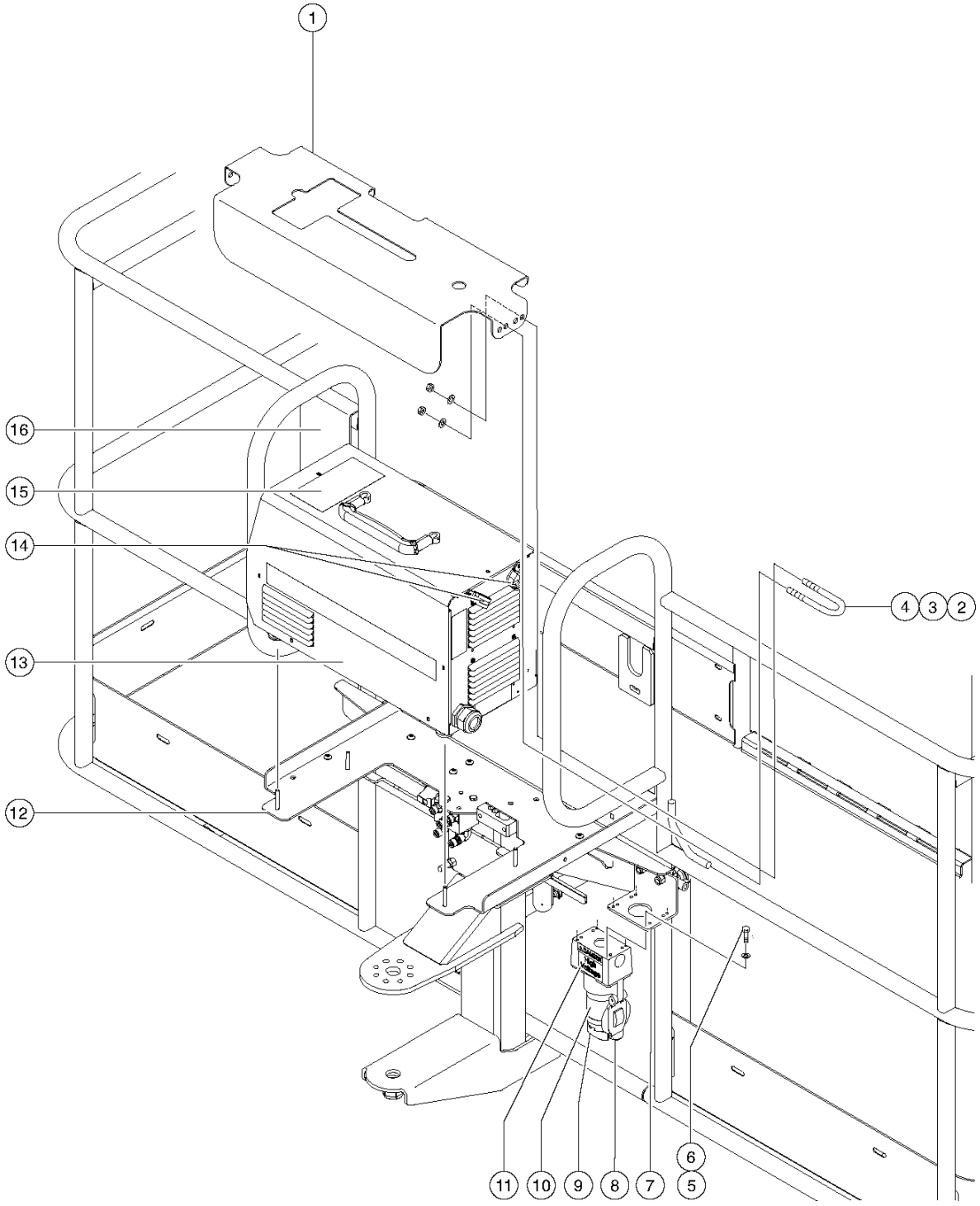
Item	Part No.	Description	Qty.
14-	94757GT	VALVE,CHECK,3 PSI***	
14-	94759GT	NUT,SOLENOID	
14-	94760GT	VALVE,SOLENOID,10V,W/OUT COIL*	
14-	94765GT	COIL-10V DC***	
15	146285GT	CONN, SAE#4-1/4" NPT	1
16	146284GT	SWITCH,PRESS,#4NPT,200PSIF	
17	106420PGT	BRKT,WELDER DIV.MANIFOLD,P	1
18	10107GT	SCREW,HHC,5/16-18 X .75	
19	6886GT	WASHER,LOCK,.313	
20	57072GT	SCREW,BHHS,3/8-16 X 1.25	
21	106416GT	BRKT,WELDER GEN BASE,L	1
21-	106417GT	BRKT,WELDER GEN BASE,R	
22	106655GT	FORMING,HOSE TRAY	1
23	1291283GT	ASSY,ENCLOSURE W/DECAL,WELDER,GEN includes items 1-7, 24, 29 and 30	1
24	82237GT	DECAL,DANGER,HIGH VOLTAGE	1
25	106415GT	BRKT,WELDER GEN MNT BOTTOM	1
26	106184GT	MOTOR,HYD 12.5KW GEN,21CC***	1
26-	162006GT	SEAL KIT,HYD MOTOR(106184)	
27	106479GT	WELDMENT,WELDER GEN COVER	1
28	106113GT	GENERATOR,HYDRO-12KEP-21-3 includes item 26	1
28-	106274GT	GENERATOR,12.5 KW,W/O MOTOR***	
28-	122300GT	COVER,WELDER GENERATOR	
28-	T113655GT	COUPLING, 28MM (106113)	
28-	T114022GT	SPIDER (106113)	
28-	T114023GT	COUPLING (106113)	
29	106477GT	GFI/CIRCUIT BREAKER ASSEMBLY	1
29-	227425GT	CIRCUIT BREAKER, 35A 3PH	
29-	106375GT	GFCI,50A, 3PH	

813.1 Welder Option, Chassis Components



Item	*Part No.*	*Description*	*Qty.*
30	106140PGT	BRACKET,1K OHM 10-TURN POT,PNT	1
30-	102357GT	POTENTIOMETER ASSY, WELDER	

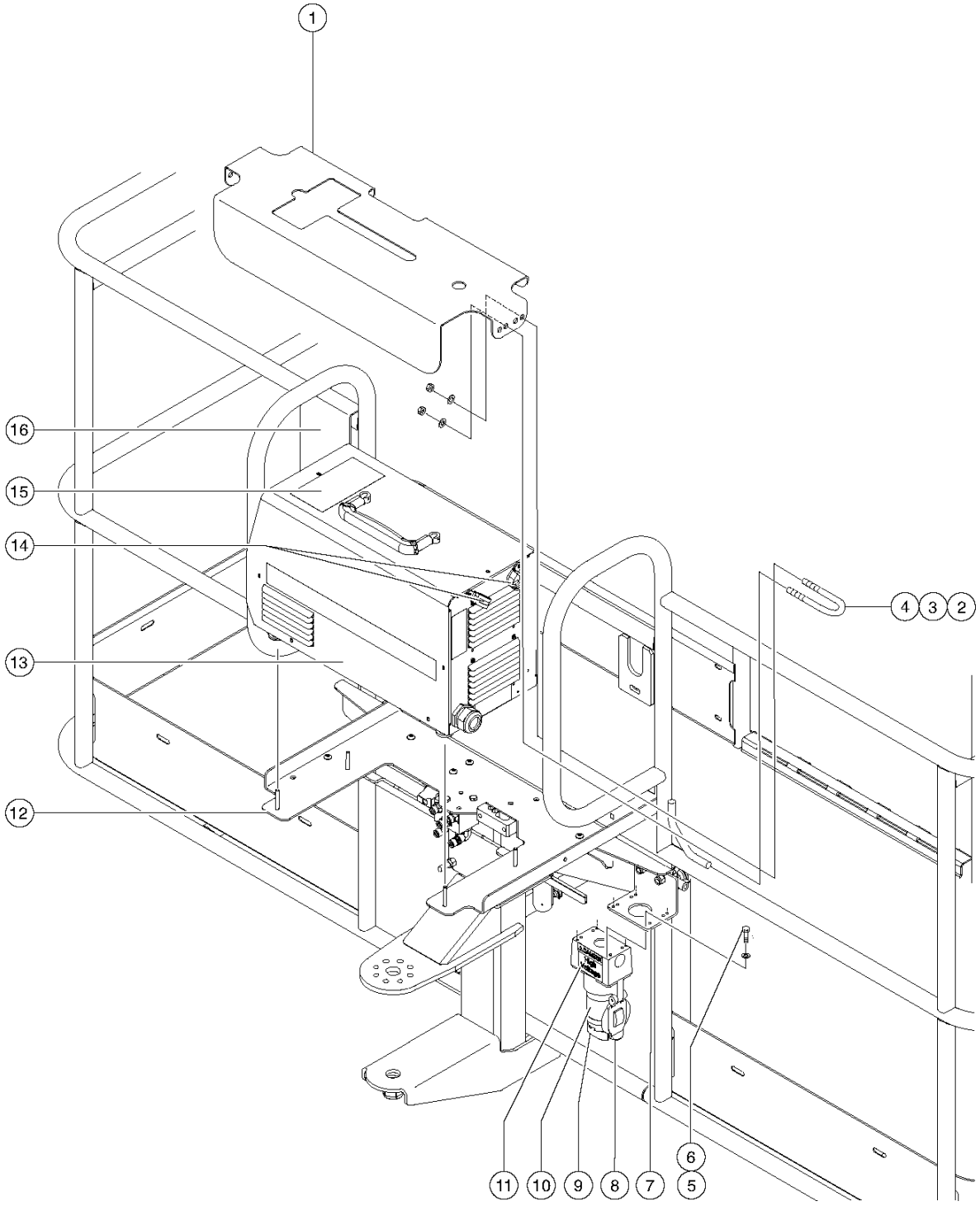
814.1 Welder Option, Platform Components (to SN 13525)



814.1 Welder Option, Platform Components (to SN 13525)

Item	Part No.	Description	Qty.
A-	110220GT	DECAL,WARNING,WELDER SAFETY	
B-	110276GT	FIRE SLEEVE, 1.25"	19 inches
C-	110276GT	FIRE SLEEVE, 1.25"	35 inches
D-	110276GT	FIRE SLEEVE, 1.25"	48 inches
E-	133518GT	DECAL, PATCH, GEN,ALC-500	
F-	28443GT	CABLE TIE, 11.5" BLACK	
G-	82862GT	DECAL,FIRE EXTINGUISHER	
H-	88406GT	FIRE EXTINGUISHER	
I-	97579GT	DECAL,DANGER,TIP-OVER,WELDER**	
J-	106493GT	KIT,Z60 WELD OPTN,MAST includes cable 106115 @ length 984 inches with clamps and fasteners	
K-	106115GT	WIRE CABLE 8 GA/4 CON.SO included in kit 106493	984 inches
1	101547PGT	BRACKET,WELDER SUPPORT,PNT	1
2A	122755GT	UBOLT,FLATTENED,1.5DIAX3/8 UNC to SN Z6013-12109	2
2B	217366GT	BRACKET,WELDER TOP from SN Z6013-12110	2
2B-	106043GT	SCREW,SECURITY,5/16-18X1.00	2
2B-	128322GT	SCREW,5/16-18X1.00,SECURITY TO	2
3	5397GT	WASHER, FLAT, USS, 5/16-18	2
4A	4828GT	NUT, NYLOCK, 3/8-16 to SN Z6013-12109	2
4B	6782GT	NUT, NYLOCK, 5/16-18 from SN Z6013-12110	2
5	47363GT	SCREW,RHM,8-32 X .50	4
6	35461GT	WASHER,FLAT,MS,#8,Y	4
7	101731PGT	BRACKET,POWER TO PLAT TBOX,PNT	1
7-	4828GT	NUT, NYLOCK, 3/8-16	
7-	5397GT	WASHER, FLAT, USS, 5/16-18	
7-	6550GT	U-BOLT,3/8 X 1 YZ	

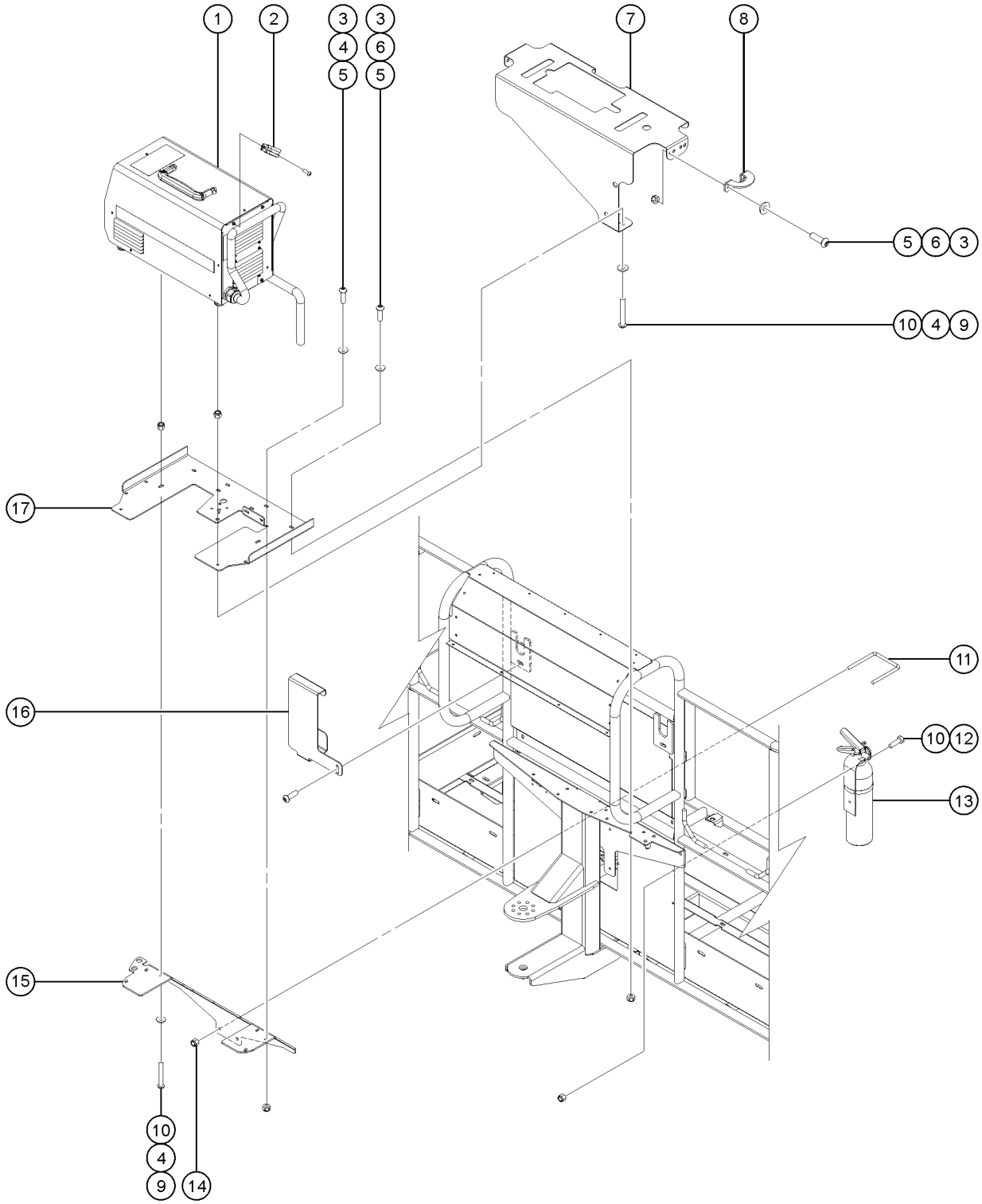
814.1 Welder Option, Platform Components (to SN 13525)



814.1 Welder Option, Platform Components (to SN 13525)

Item	Part No.	Description	Qty.
8	101732GT	COVER,WEATHERPROOF 3-PHASE	1
9	106112GT	PLUG,4-WIRE,3-PHASE,50A,MALE	1
10	106110GT	T-BOX,2.75X4.5X2.63,3PH	1
10-	106111GT	RECEPTCL,LOCK 3-PH,50A,4 WIRE	
11	82237GT	DECAL,DANGER,HIGH VOLTAGE	2
12	102408PGT	BRACKET,LINCOLN WELDER,PNTD	1
12-	102409PGT	BRACKET,WELDER MNT SUPPORT,PNT	
12-	106043GT	SCREW,SECURITY,5/16-18X1.00	
12-	106044GT	U-BOLT,3/8-16X4X4.63X3.00	
12-	4828GT	NUT, NYLOCK, 3/8-16	
12-	5397GT	WASHER, FLAT, USS, 5/16-18	
12-	6782GT	NUT, NYLOCK, 5/16-18	
13	101525GT	WELDER,INVERTEC V275-S	1
13-	106141GT	SCREW,SECURITY,1/4-20 X 1.75LG	
13-	106183GT	FUSE,.6AMP,250V,WELDER,V275S	
13-	106275GT	KIT,WELD LEADS ASSY,V275S includes both cables	
14	18666GT	CLAMP,1.00,#16 X 1/4,RUB CUSH	2
15	110220GT	DECAL,WARNING,WELDER SAFETY	1
16	106204PGT	BRACKET,V275S WELD LEADS	1

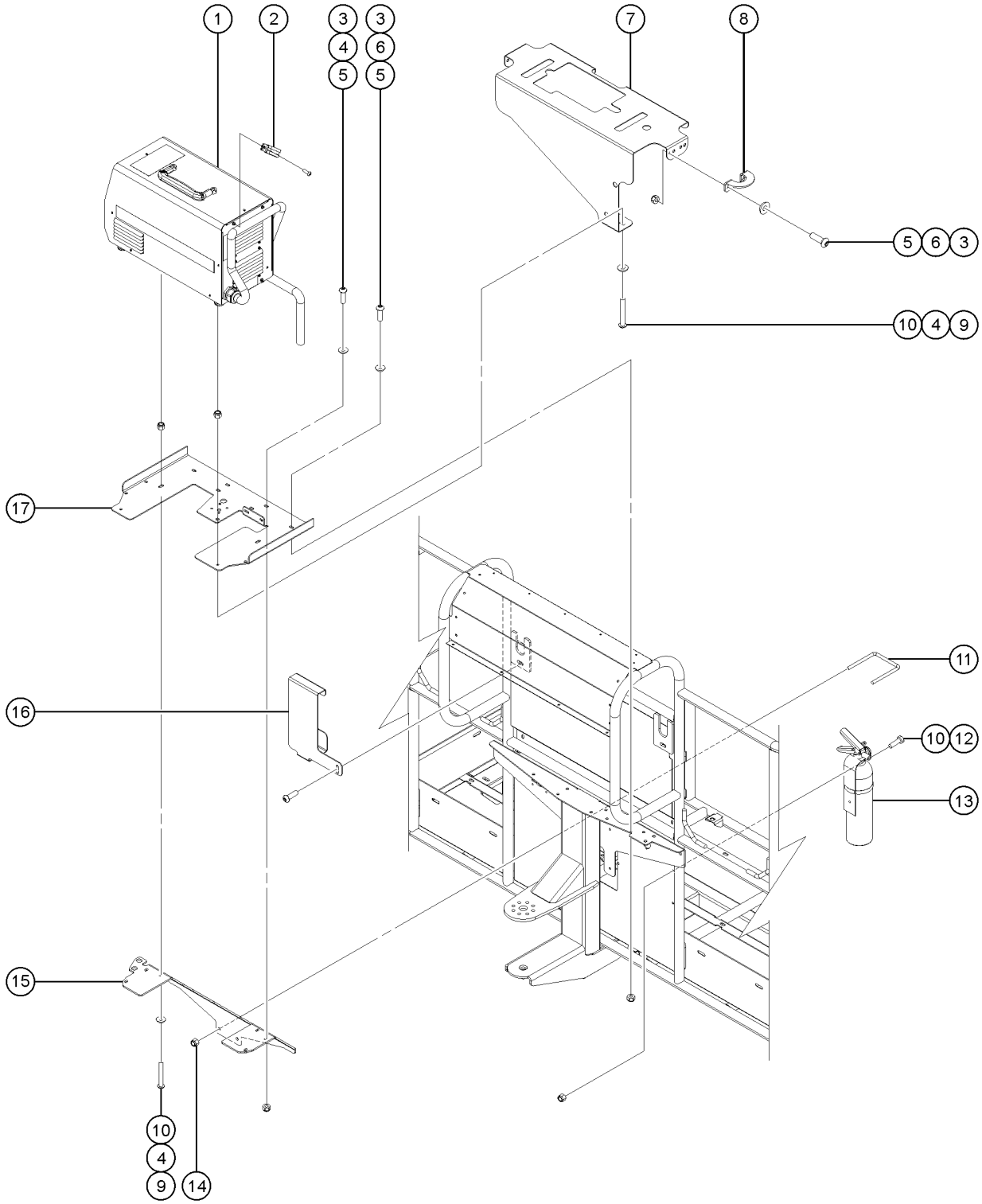
814.2 Welder Option, Platform Components (from SN 13526)



814.2 Welder Option, Platform Components (from SN 13526)

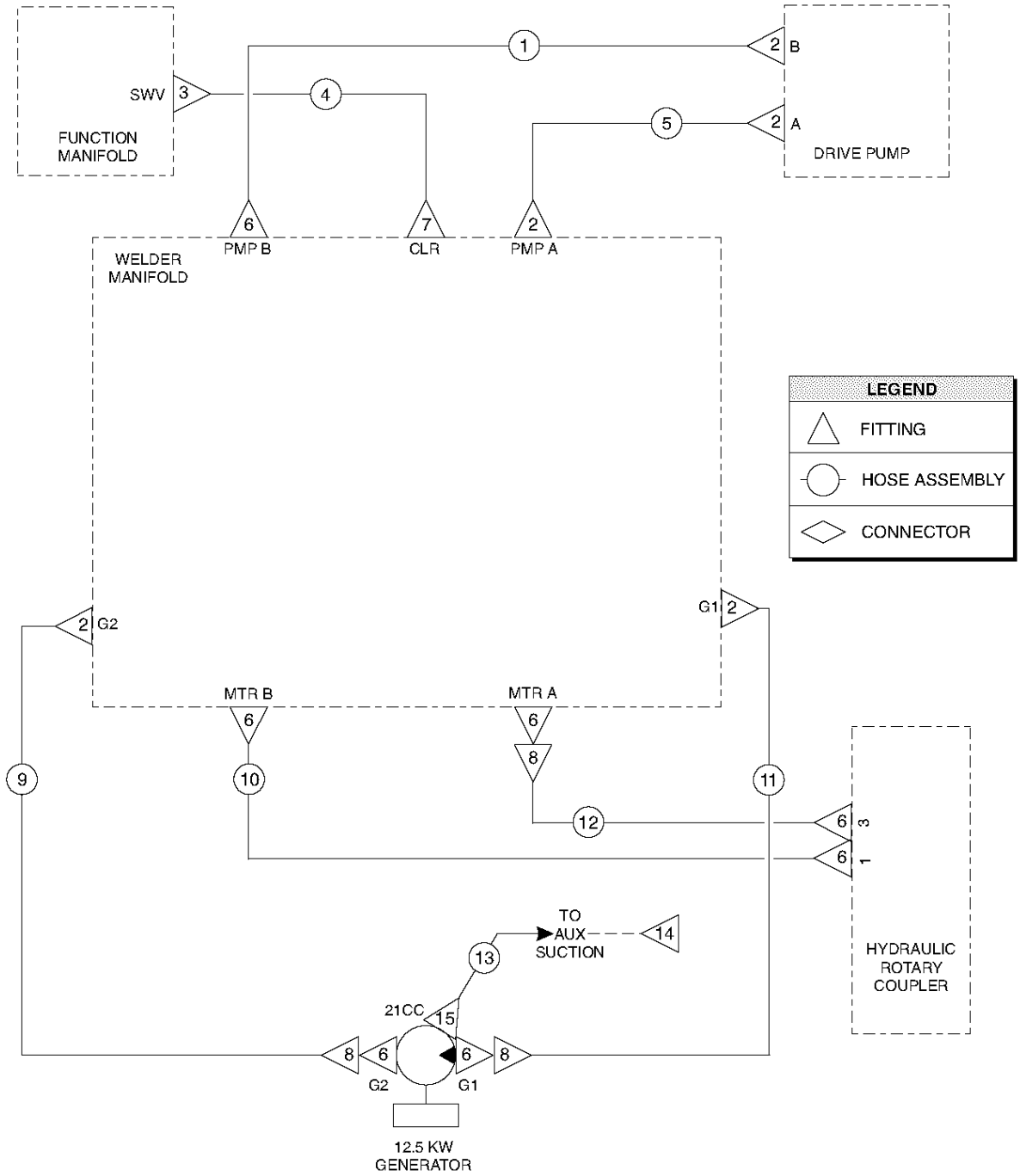
Item	Part No.	Description	Qty.
A-	217440GT	ASSEMBLY,WELDER,PLATFORM,S60/6	1
B-	106493GT	KIT,Z60 WELD OPTN,MAST includes cable 106115 @ length 984 inches with clamps and fasteners	
C-	106115GT	WIRE CABLE 8 GA/4 CON.SO included in kit 106493	984 inches
D-	106273GT	BIT,T-27,TORX SOCKET,SECURITY	1
E-	214620GT	SOCKET,3P,30A,4 WIRE, FEM	1
F-	214621GT	SOCKET, BOOT, 3P, 30A, 4 WIRE	1
G-	214622GT	PLUG, BOOT, 3P, 30A, 4 WIRE	1
1A	101525GT	WELDER,INVERTEC V275-S	1
1-	106183GT	FUSE,.6AMP,250V,WELDER,V275S	
1-	106275GT	KIT,WELD LEADS ASSY,V275S	
1-	214623GT	PLUG, 3P,30A, 4 WIRE, MALE	
1B	214619GT	WELDER, MILLER, CST 280	
2	18666GT	CLAMP,1.00,#16 X 1/4,RUB CUSH	3
3	106043GT	SCREW,SECURITY,5/16-18X1.00	10
4	6638GT	WASHER, FLAT, USS, 1/4"Y	5
5	6782GT	NUT, NYLOCK, 5/16-18	10
6	5397GT	WASHER, FLAT, USS, 5/16-18	9
7	1290931GT	BRACKET, WELDER MOUNT SUPPORT, Z80	1
8	217366GT	BRACKET,WELDER TOP	2
9	106141GT	SCREW,SECURITY,1/4-20 X 1.75LG	4
10	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	6
11	106044GT	U-BOLT,3/8-16X4X4.63X3.00	1
12	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	2
13	88406GT	FIRE EXTINGUISHER includes mounting strap	1
14	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	2
15	101701PGT	BRACKET,WELDER MNT SUPPORT,PNT	1
16	106204PGT	BRACKET,V275S WELD LEADS	1

814.2 Welder Option, Platform Components (from SN 13526)



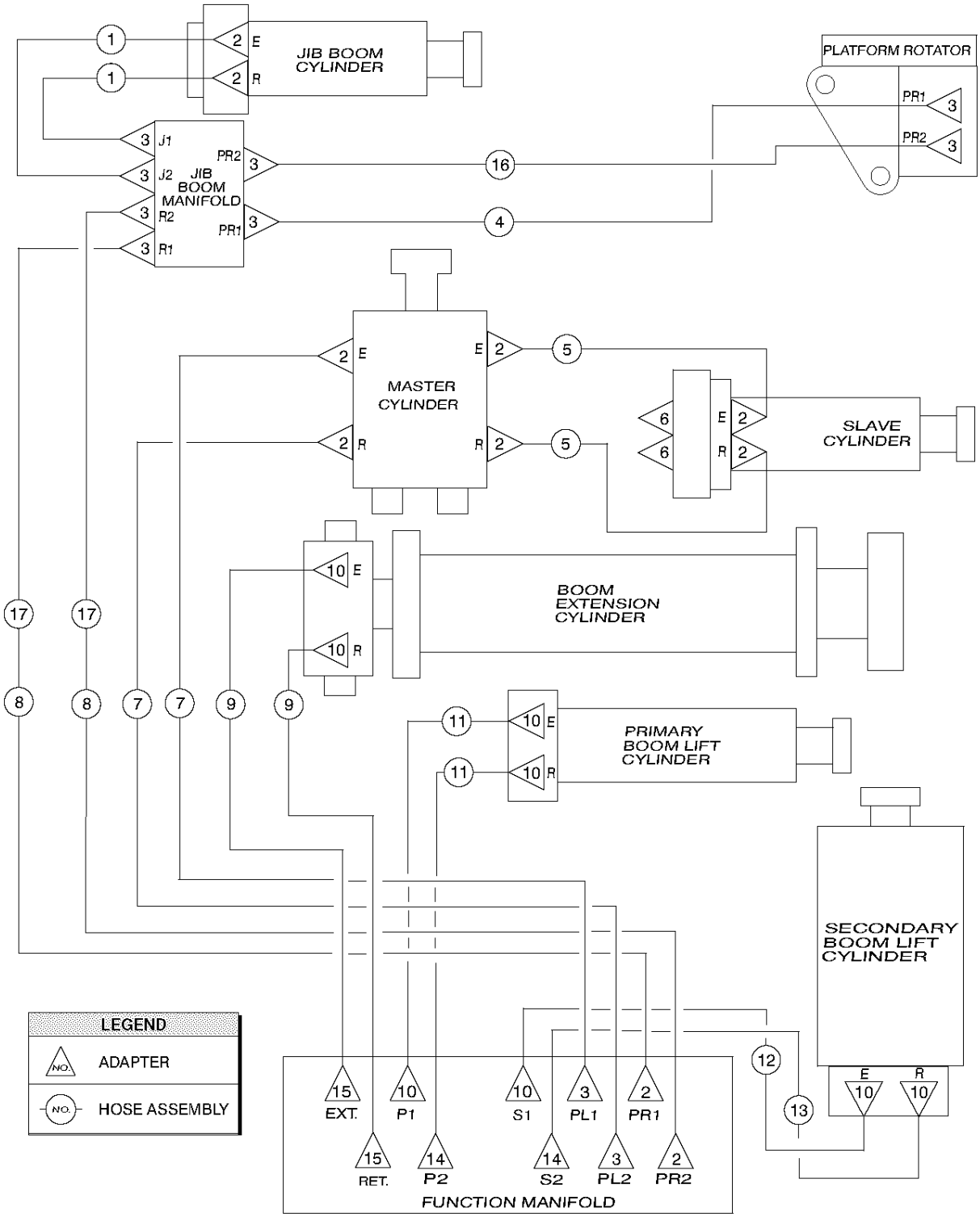
814.2 Welder Option, Platform Components (from SN 13526)

Item	*Part No.*	*Description*	*Qty.*
17	106109PGT	BRACKET,WELDER COVER,PNTD	1


FUNCTION MANIFOLD
SWV
3
1
2
B
4
5
2
A
DRIVE PUMP
6
PMP B
7
CLR
2
PMP A
WELDER MANIFOLD
LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
2
G2
G1
2
MTR B
6
MTR A
6
8
9
10
11
12
6
3
6
1
TO AUX SUCTION
14
13
HYDRAULIC ROTARY COUPLER
21CC
15
8
6
6
8
G2
G1
12.5 KW GENERATOR

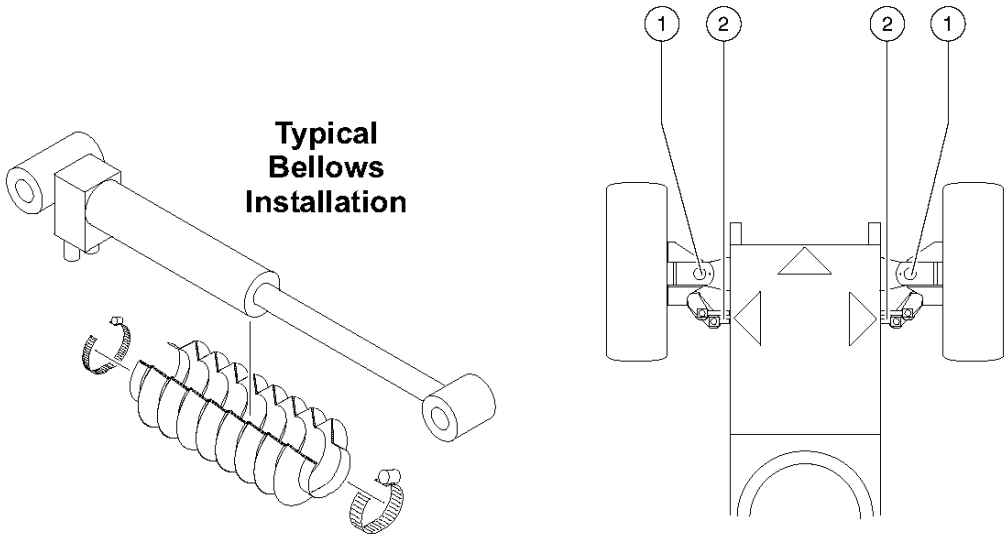
Item	Part No.	Description	Qty.
1	94374-4830GT	HOSE ASSY,3/4",90F,STR F	1
2	48959GT	FITTING,ELBOW,90D,520220-12	5
3	48964GT	TEE,RUN,SWIVEL,520432-12	1
4	49142-13762GT	HOSE ASSY,1/2"	1
5	89871-4848GT	HOSE ASSEMBLY,3/4" STR-STR	1
6	48960GT	FITTING,CONN,520120-12***	7
7	48933GT	CONN,520120-8***	1
8	61262GT	ELBOW,SWIVEL 90D, 520221-12	3
9	106665-4929GT	HOSE,ASSY 3/4 90LG FEM,STR FEM	1
10	94374-6330GT	HOSE ASSY,3/4,90 FEM,STR FEM	1
11	106665-5229GT	HOSE ASSY,3/4 90LG FEM,STR FEM	1
12	94374-4930GT	HOSE ASSY,3/4,90 FEM,STR FEM	1
13	106666-8446GT	HOSE ASSY,1/4,90 FEM,STR FEM	1
14	48875GT	TEE,RUN,SWIVEL,520432-6	1
15	48948GT	CONN,520120-8-12	1

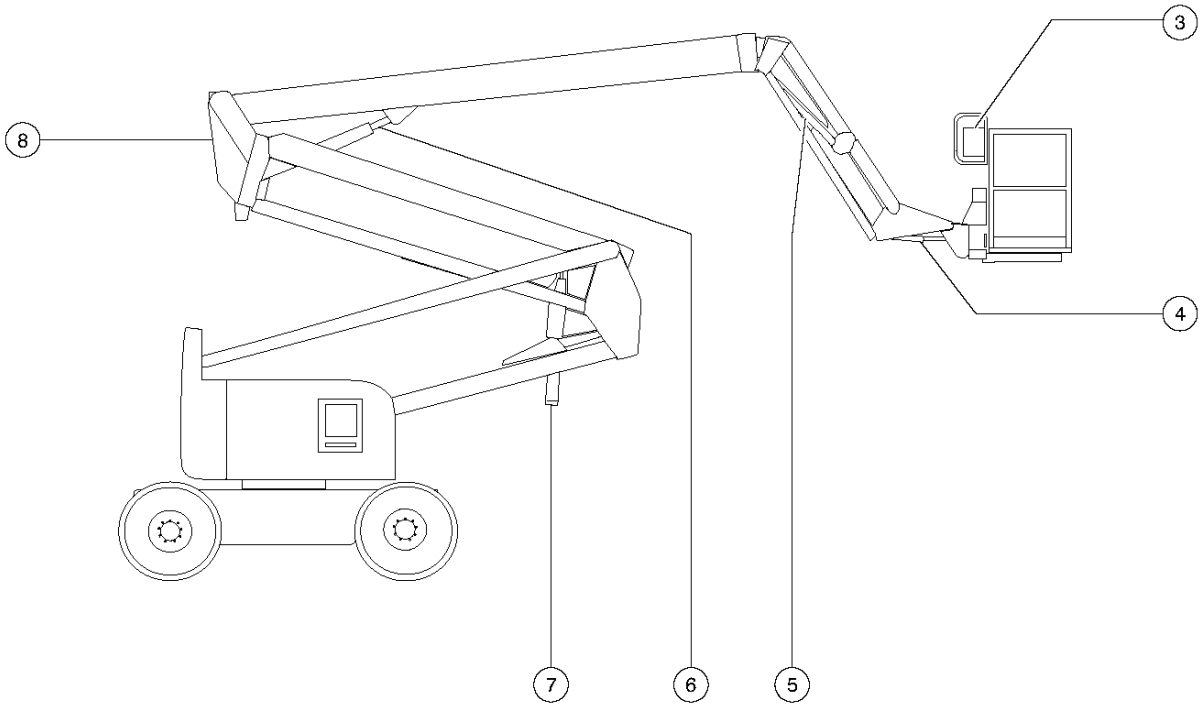
816.1 Hydraulic Hoses and Fittings - Arctic Hose Option



Item	Part No.	Description	Qty.
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
1	102232-9291GT	HOSE ASSY,1/4,90 FEM,STR FEM	2
2	48912GT	CONN,520120-4-6***	10
3	48905GT	CONNECTOR, 520120-4	10
4	101792-3578GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
5	101792-54978GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
6	48998GT	NIPPLE,DIAGNOSTIC,#6 PORT***	2
6-	48880GT	CAP,DIAGNOSTIC NIPPLE	
6-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	
7	101792-41078GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
8	49121-42388GT	HOSE ASSY,1/4,STR FEM,STR M	2
9	102230-43389GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
10	48916GT	CONN, 520120-6	8
11	102231-41408GT	HOSE ASSY,1/4,90 FEM,STR FEM	2
12	101794-22009GT	HOSE ASSY,3/8,90 FEM,STR FEM	1
13	101794-23609GT	HOSE ASSY,3/8,90 FEM,STR FEM	1
14	48917GT	CONN,LONG,520122-6	2
15	48933GT	CONN,520120-8***	2
16	102232-3591GT	HOSE ASSY,1/4,90 FEM,STR FEM	1
17	102233-50988GT	HOSE ASSY,1/4,STR FEM,STR MALE	2

817.1 Hostile Environment Package - View 1

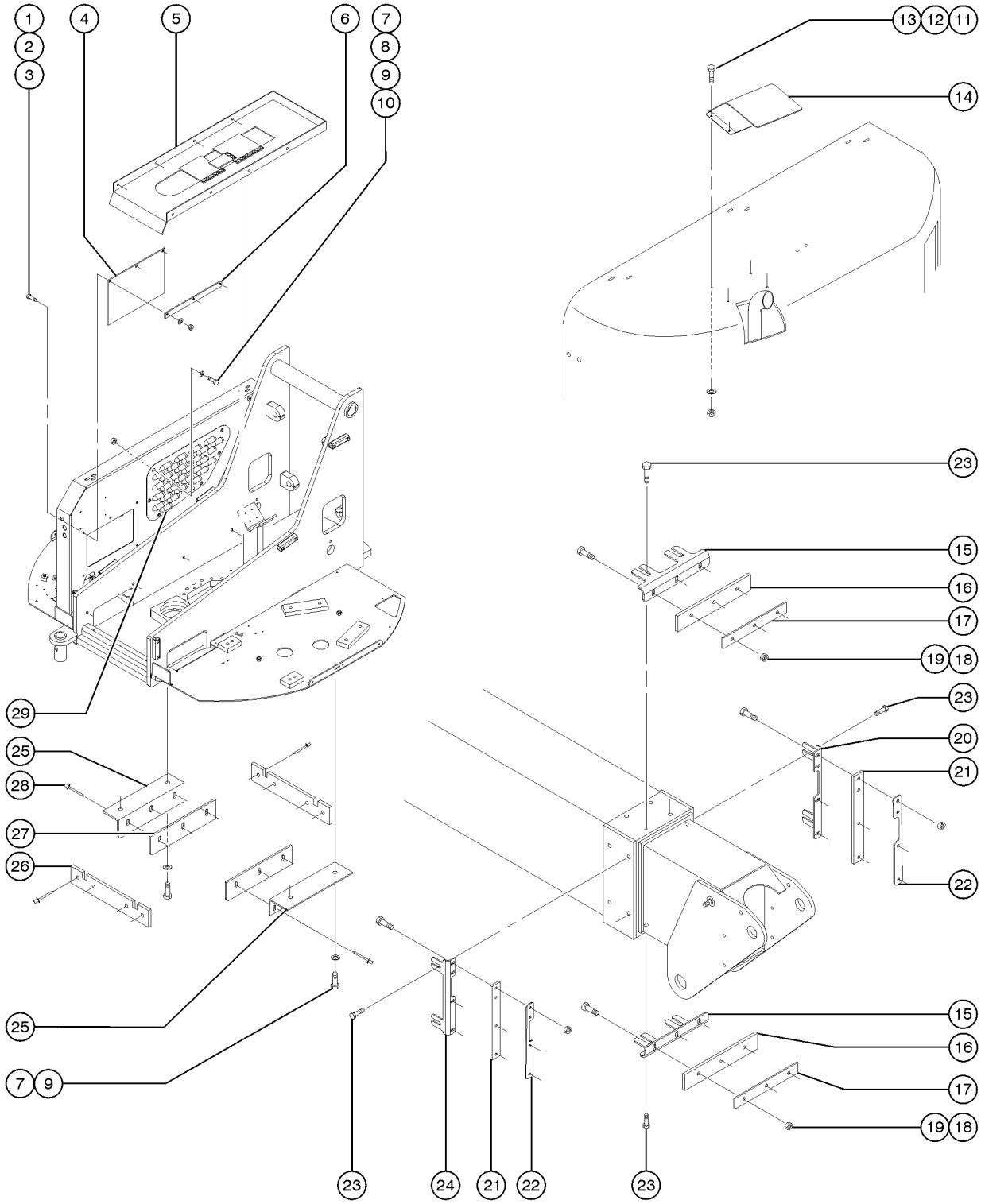




817.1 Hostile Environment Package - View 1

Item	Part No.	Description	Qty.
	34965GT	Z60 STD.HOSTILE ENVIRONMNT PKG	
	34964-SGT	Z60 DLX, HOSTILE ENVIRONMENT	
1	63727GT	COVER, PROTECTIVE, OSCILLATE	2
2	34922GT	COVER,PROTECTIVE,STEERING	2
2-	35434GT	CLAMP,HOSE,2.00***	
2	34955GT	CLAMP, HOSE, 5.00	
3	52251GT	DECAL,PROTECTOR,CLEAR,PLATE***	1
4	34923GT	COVER,PROTECTIVE,Z60 SLAVE	1
4-	45171GT	CLAMP,HOSE,1.75,LINED	
4-	30971GT	CLAMP,HOSE,3.00"	
5	34925GT	COVER,PROTECTIVE,Z60 JIB	1
5-	45171GT	CLAMP,HOSE,1.75,LINED	
5-	30971GT	CLAMP,HOSE,3.00"	
6	34924GT	COVER,PROTECTIVE,Z60 PRIMARY	1
6-	45171GT	CLAMP,HOSE,1.75,LINED	
6-	30971GT	CLAMP,HOSE,3.00"	
7	34904GT	COVER,PROTECTIVE,Z60 ELEVATE	1
7-	45171GT	CLAMP,HOSE,1.75,LINED	
7-	30971GT	CLAMP,HOSE,3.00"	
8	34926GT	COVER,PROTECTIVE,Z60 MASTER	1
8-	45171GT	CLAMP,HOSE,1.75,LINED	
8--	30971GT	CLAMP,HOSE,3.00"	

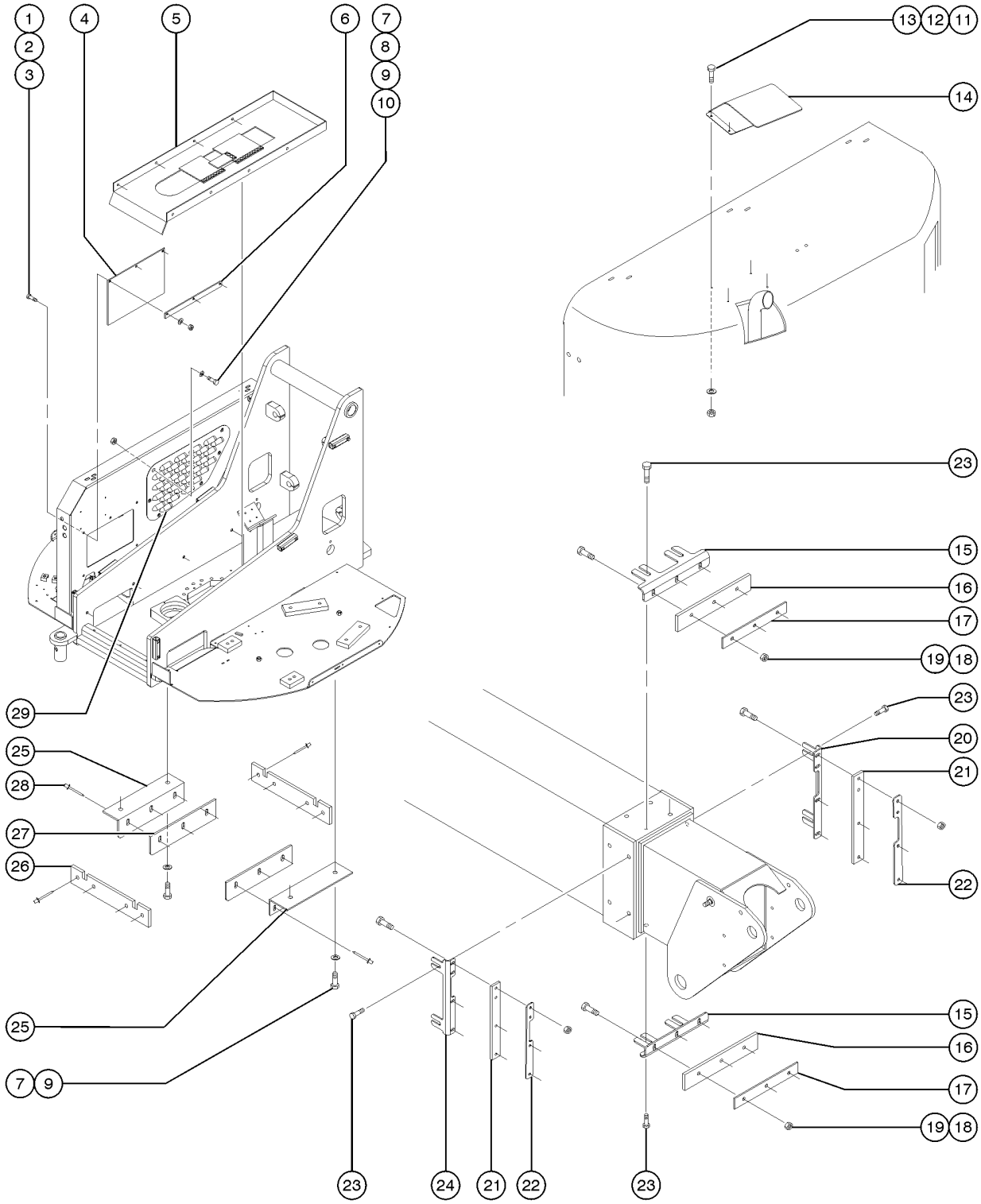
818.1 Hostile Environment Package - View 2



818.1 Hostile Environment Package - View 2

Item	Part No.	Description	Qty.
1	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
2	5397GT	WASHER, FLAT, USS, 5/16-18	
3	4828GT	NUT, NYLOCK, 3/8-16	
4	34902GT	RUBBER FLAP	1
5	34850GT	COVER,PROTECTIVE,SWING CHASSIS	1
5-	146424GT	SCREW STUD SNAP,8-32X1/2"SS	8
6	34901PGT	PLATE,BLUE	1
7	6090GT	SCREW, HHC, 1/4-20 X .75	
8	6356GT	WASHER, LOCK, .25	
9	6638GT	WASHER, FLAT, USS, 1/4"Y	
10	6091GT	NUT,NYLOCK,1/4-20	
11	6145GT	SCREW, HHC, 1/4-20 X 1.5	
12	6638GT	WASHER, FLAT, USS, 1/4"Y	
13	6091GT	NUT,NYLOCK,1/4-20	
14	34359-SGT	EXHAUST HOOD WELDMENT	1
15	63145PGT	WIPER BRACKET, PAINTED	2
16	63146GT	WIPER	2
17	63163PGT	BACKING PLATE, PAINTED	2
18	6889GT	NUT,LP NYLOCK,1/4-20	
19	6878GT	BOLT,CARRIAGE,1/4-20 X .75,G2	
20	63183PGT	WIPER BRACKET, PAINTED	1
21	63165GT	WIPER	2
22	63166PGT	BACKING PLATE, PAINTED	2
23	122209GT	SCREW,HHF,3/8-16 X1.50	
24	63140PGT	WIPER BRACKET, PAINTED	1
25	35452PGT	ANGLE,RING GEAR BLUE	2
26	35450GT	RUBBER GUARD,RING GEAR	2
27	35451GT	RUBBER GUARD,RING GEAR	2

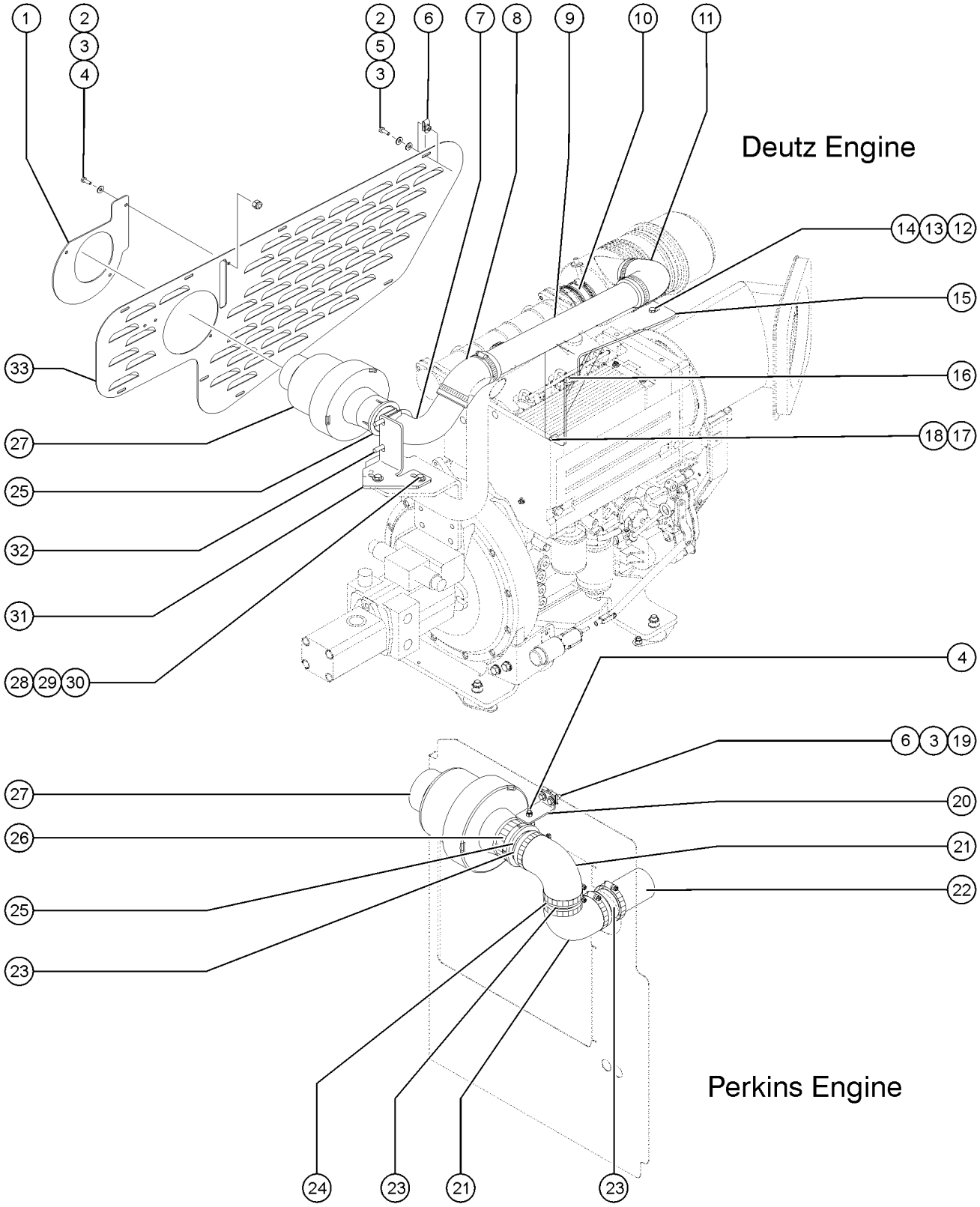
818.1 Hostile Environment Package - View 2



818.1 Hostile Environment Package - View 2

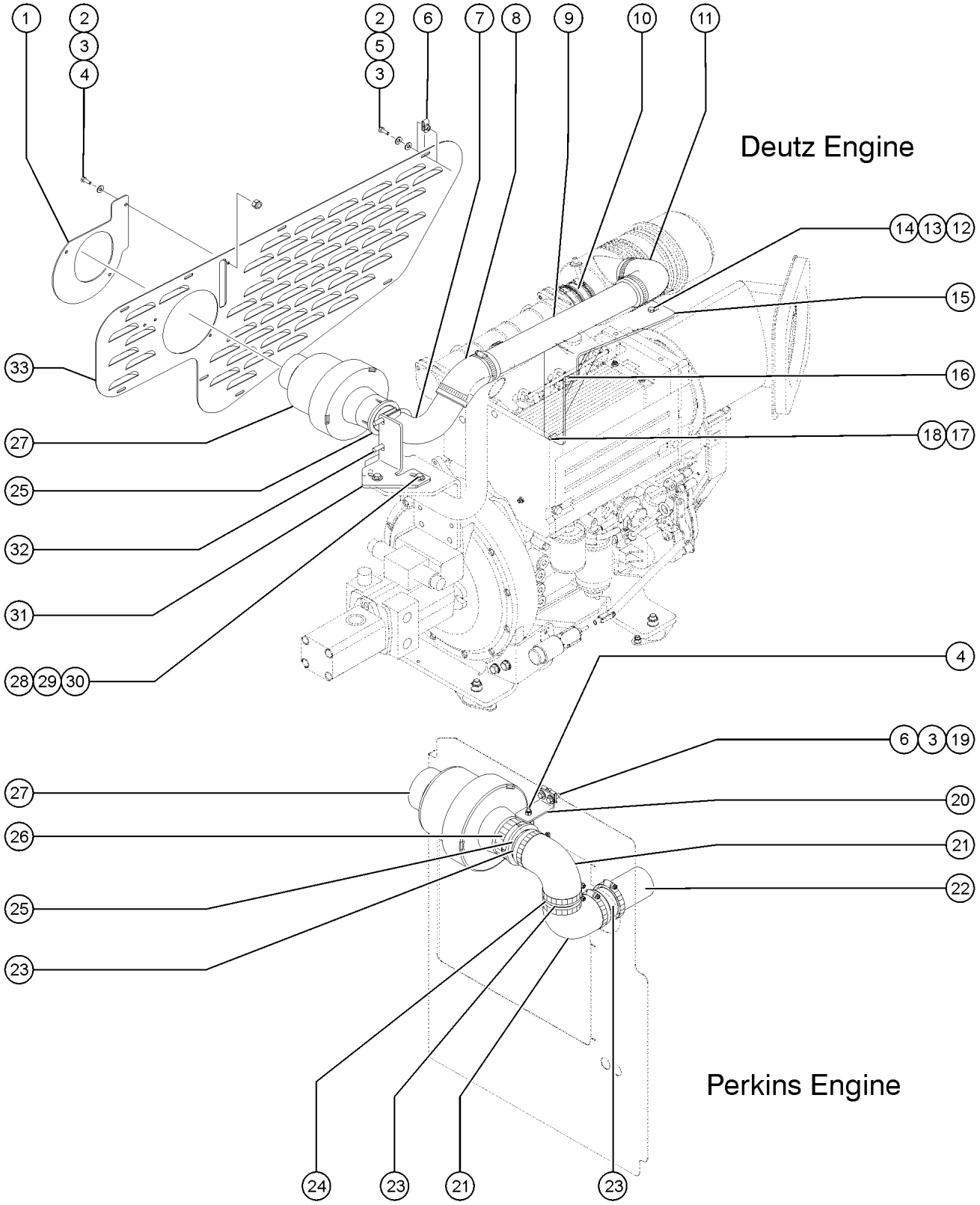
Item	*Part No.*	*Description*	*Qty.*
28	54486GT	RIVET,ALUM,ALUM,3/16BUTTONHEAD	14
29	89707PGT	PANEL,LOUVER,TANK SIDE, Z60	1
29--	102464PGT	PANEL,LOUVER,ENGINE SIDE,PTD	
29-	102464PGT	PANEL,LOUVER,ENGINE SIDE,PTD Deutz and Perkins models	

819.1 Hostile Environment - Engine Air Precieaners



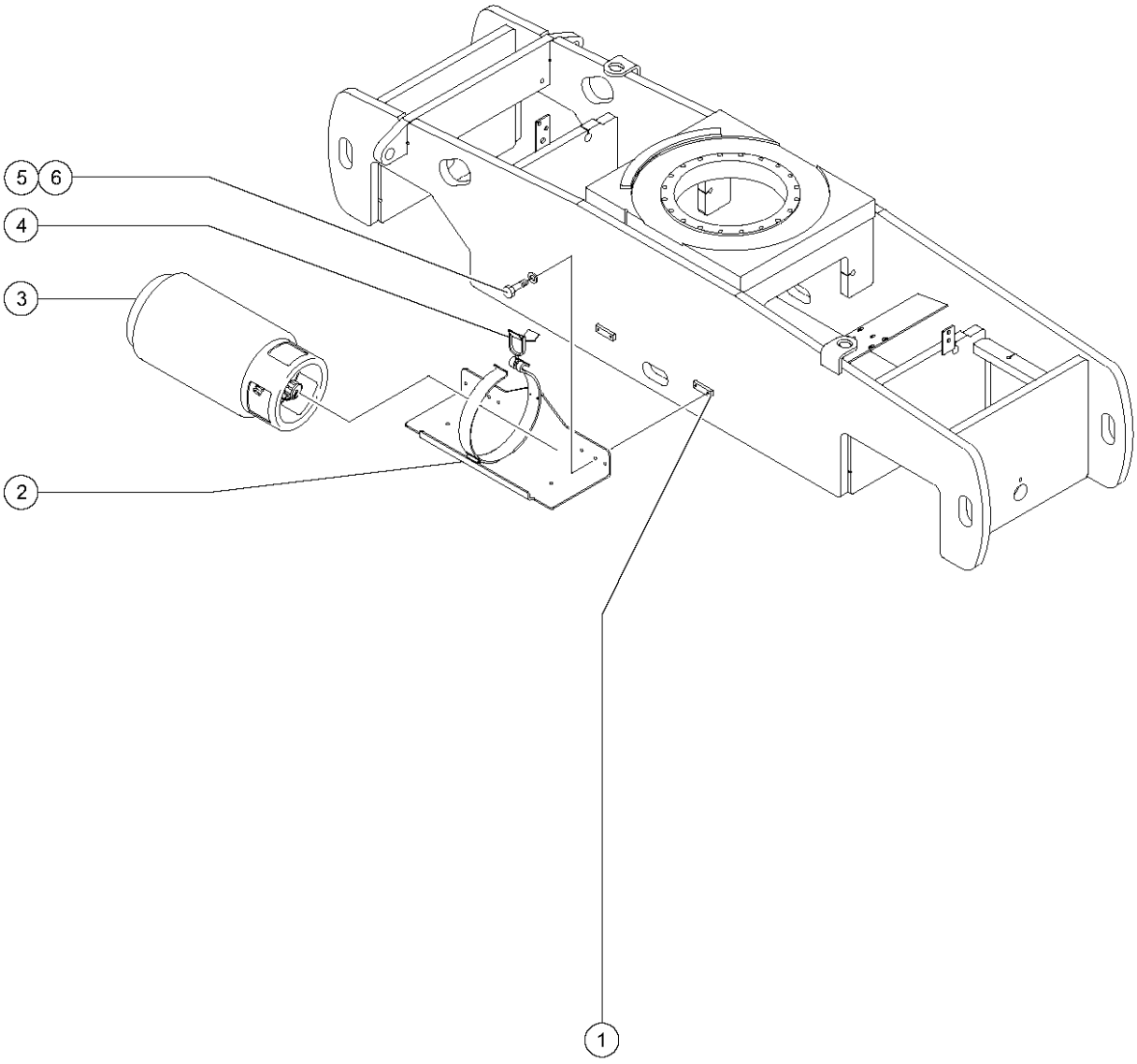
Item	Part No.	Description	Qty.
A-	34962GT	Z60 HOSTILE ENVIRONMENT DEUTZ to SN 5125	
B-	102966GT	OPTION,PRECLEANER,Z60 from SN 5126	
C-	102471GT	OPT,PRECLEANER,Z60,PERKINS	
1	102937PGT	PLATE,LOUVER COVER,PTD	1
2	6090GT	SCREW, HHC, 1/4-20 X .75	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	6091GT	NUT,NYLOCK,1/4-20	
5	6356GT	WASHER, LOCK, .25	
6	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
7	102962GT	ELBOW,90 DEG,STL,2.5 OD	1
7-	45435GT	CLAMP,HOSE,2.50"	
8	33361GT	ELBOW,45 DEGR,RUBBER,2.5"I.D.	1
9	94324GT	TUBE,RD,STL,ALUMIZD,2.5 X .065	19 inches
10	30967GT	HOSE,AIR INTAKE 2.75" I.D.***	1
10-	53945GT	CLAMP,HOSE 2 5/16-3 1/4	
11	34164GT	ELBOW,90 DEGR,RUBBER,2.5"I.D.*	1
11-	45435GT	CLAMP,HOSE,2.50"	
12	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
13	5397GT	WASHER, FLAT, USS, 5/16-18	
14	6782GT	NUT, NYLOCK, 5/16-18	
15	102929PGT	FORMING,AIR FILTER MOUNT,PTD	1
16	23057GT	SCREW,HHC,M8 X 20MM	
17	27034GT	SCREW,HHC,M10 X 25MM,GR 8.8	
18	22700GT	WASHER,LOCK,M10	
19	6888GT	SCREW, HHC, 1/4-20 X 1	
20	111986GT	FORMING,ENGINE BRACKET	1
21	34163GT	ELBOW,90 DEGR,RUBBER,MODIFIED*	2

819.1 Hostile Environment - Engine Air Precieaners



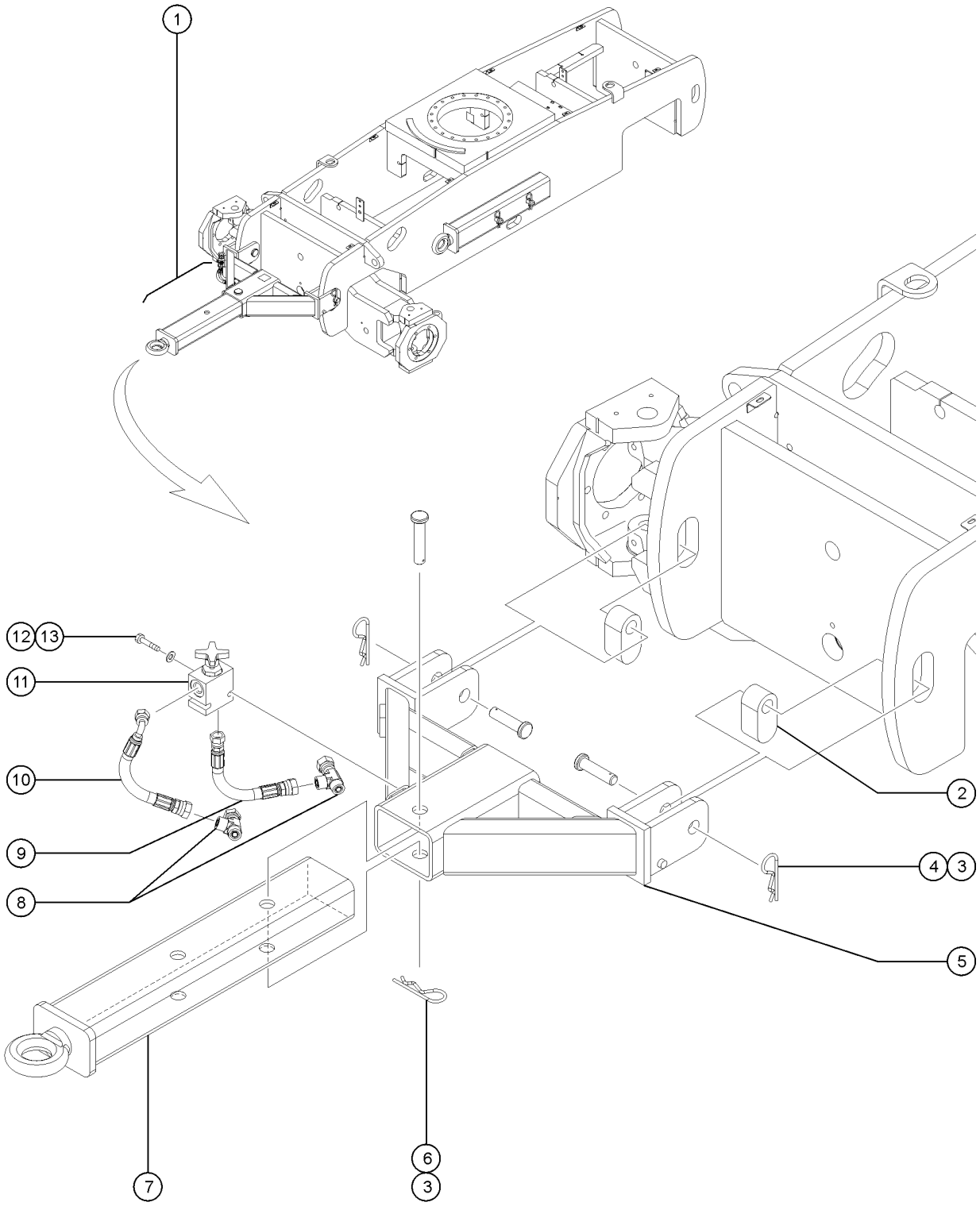
Item	Part No.	Description	Qty.
22		Ref. HOSE,AIR INLET (REFER TO 401.1)	
23	35067GT	TUBE,RD,ALUM 2.5 X .083 Qty. 3	2 inches
24	30971GT	CLAMP,HOSE,3.00"	5
25	101640GT	REDUCER,RUBBER 3.0 - 2.5	2
26	111991GT	ASSY, PRECLEANER BRACKET	1
27	89959GT	PRECLEANER,INLINE 3"	2
28	8516GT	SCREW, HCC, 3/8-16 X 1.50	
29	6097GT	WASHER, FLAT, USS, 3/8", Y	
30	4828GT	NUT, NYLOCK, 3/8-16	
31	102930PGT	FORMING,PRECLEANER MOUNT,PTD	1
32	71911GT	CLAMP,MUFFLER, 2.50 INCH	1
33	102464PGT	PANEL,LOUVER,ENGINE SIDE,PTD	1

820.1 Second LPG Carrier Option



Item	Part No.	Description	Qty.
	89469GT	OPTION,LP TANK 2ND,Z60	
1	60752GT	TAP BLOCK,BULKHEAD MNT. MACH.	2
2	60143-SGT	WELD, LPG TANK MOUNT	1
3	53605GT	TANK, 7 GAL/33.5 POUND, LP	1
4	49000GT	L.P.TANK LATCH	1
5	8255GT	SCREW,HHC,3/8-16 X .75	
6	6021GT	WASHER, LOCK, .375	

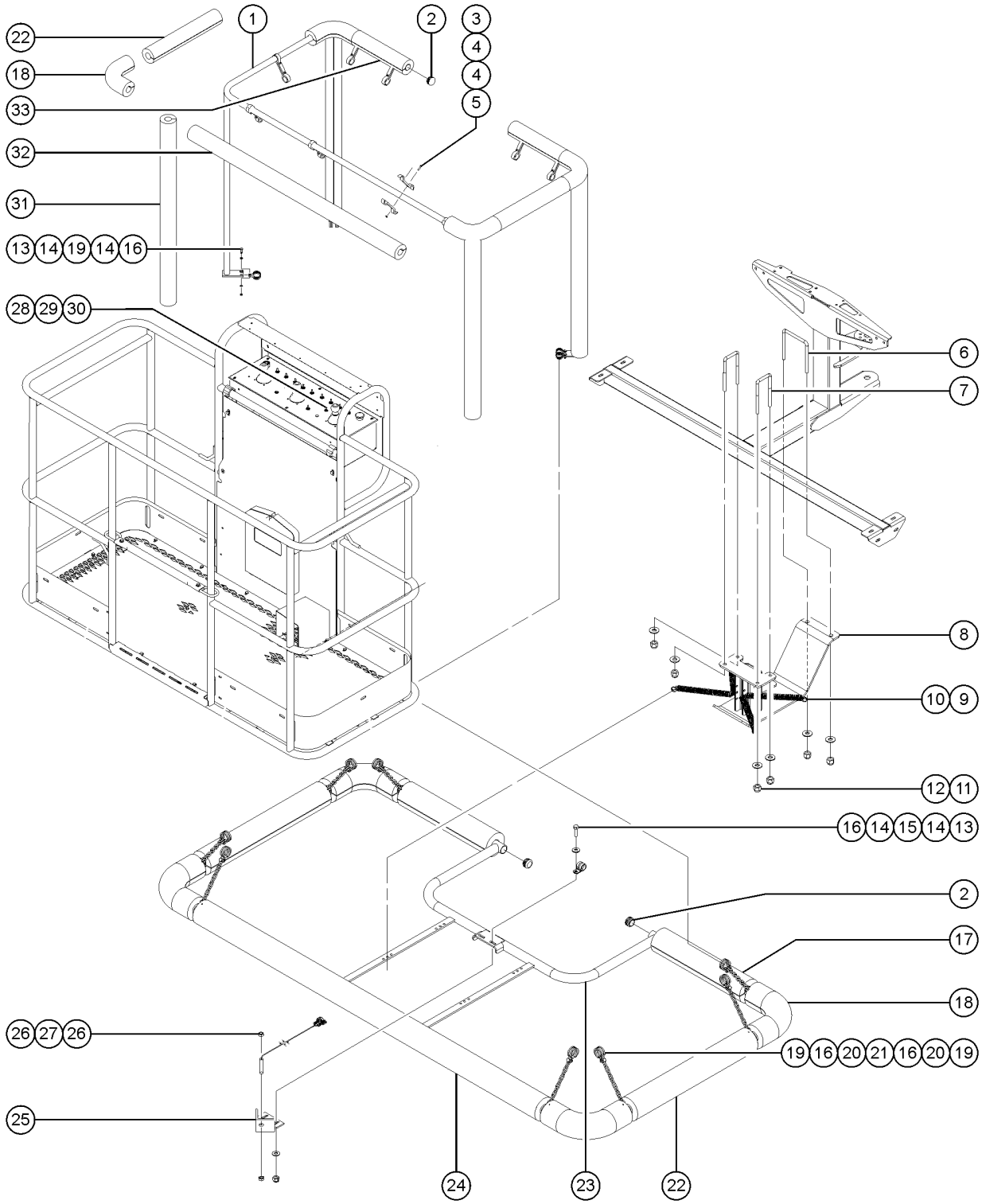
821.1 Tow Package



821.1 Tow Package

Item	Part No.	Description	Qty.
1	231041GT	Z60. TOW PACKAGE (complete)	
2	231045GT	PLATE, CHASSIS ATTACHMENT	2
3	42111GT	CLIP,HAIR PIN .243 X 5.25	3
4	42113GT	PIN,CLEVIS,1.25 X 5.0,ZINC	2
5	231042GT	WELDMENT, TOW BAR	1
6	42112GT	PIN,CLEVIS,1.25 X 6.0,ZINC	1
7	94420GT	WELDMENT,PULL BAR	1
8	48875GT	TEE,RUN,SWIVEL,520432-6	2
9	49120-6131GT	HOSE ASSEMBLY,1/4" components: 48800, 48810 and 48751 @ 59.5 inches	1
10	49163-6144GT	HOSE ASSEMBLY,1/4" components: 48802, 48810 and 48751 @ 59.5 inches	1
11	25282GT	VALVE,NEEDLE,BRAKE RELEASE	1
12	6145GT	SCREW, HHC, 1/4-20 X 1.5	2
13	6638GT	WASHER, FLAT, USS, 1/4"Y	2

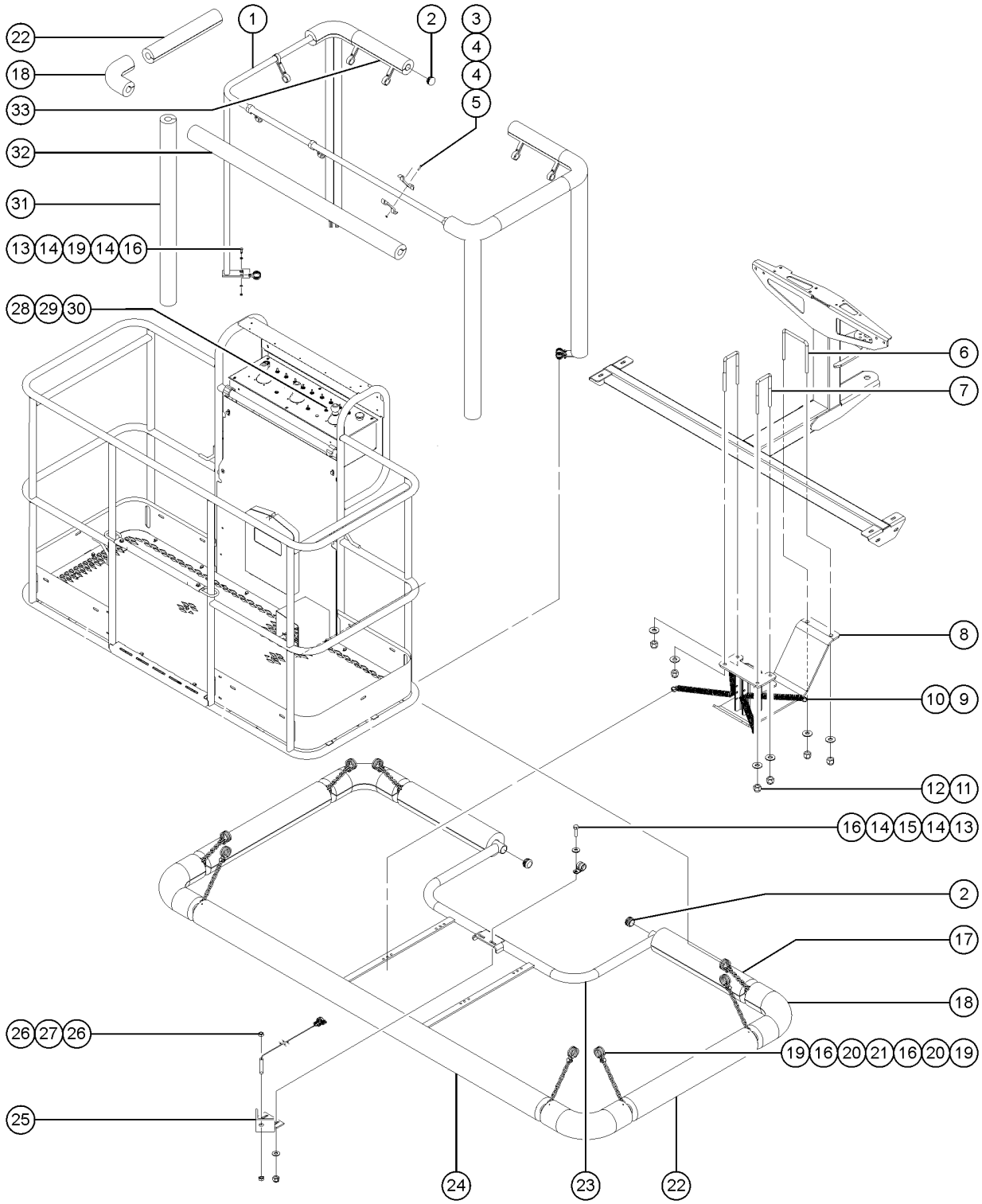
822.1 Aircraft Protection Package (from SN 9780)



822.1 Aircraft Protection Package (from SN 9780)

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	81532GT	HARNESS, PROX. KILL includes 27391 proximity sensor	1

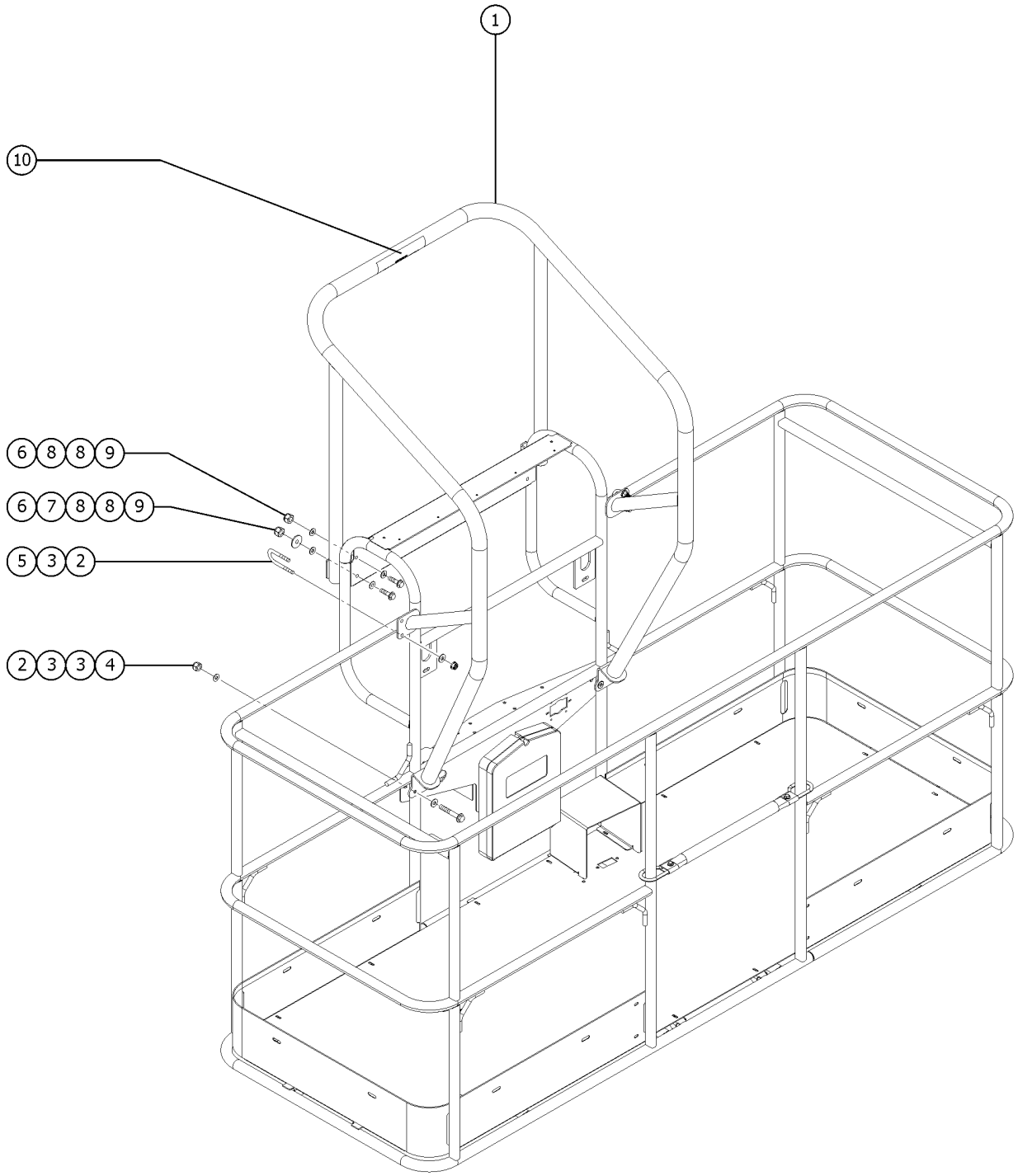
822.1 Aircraft Protection Package (from SN 9780)



822.1 Aircraft Protection Package (from SN 9780)

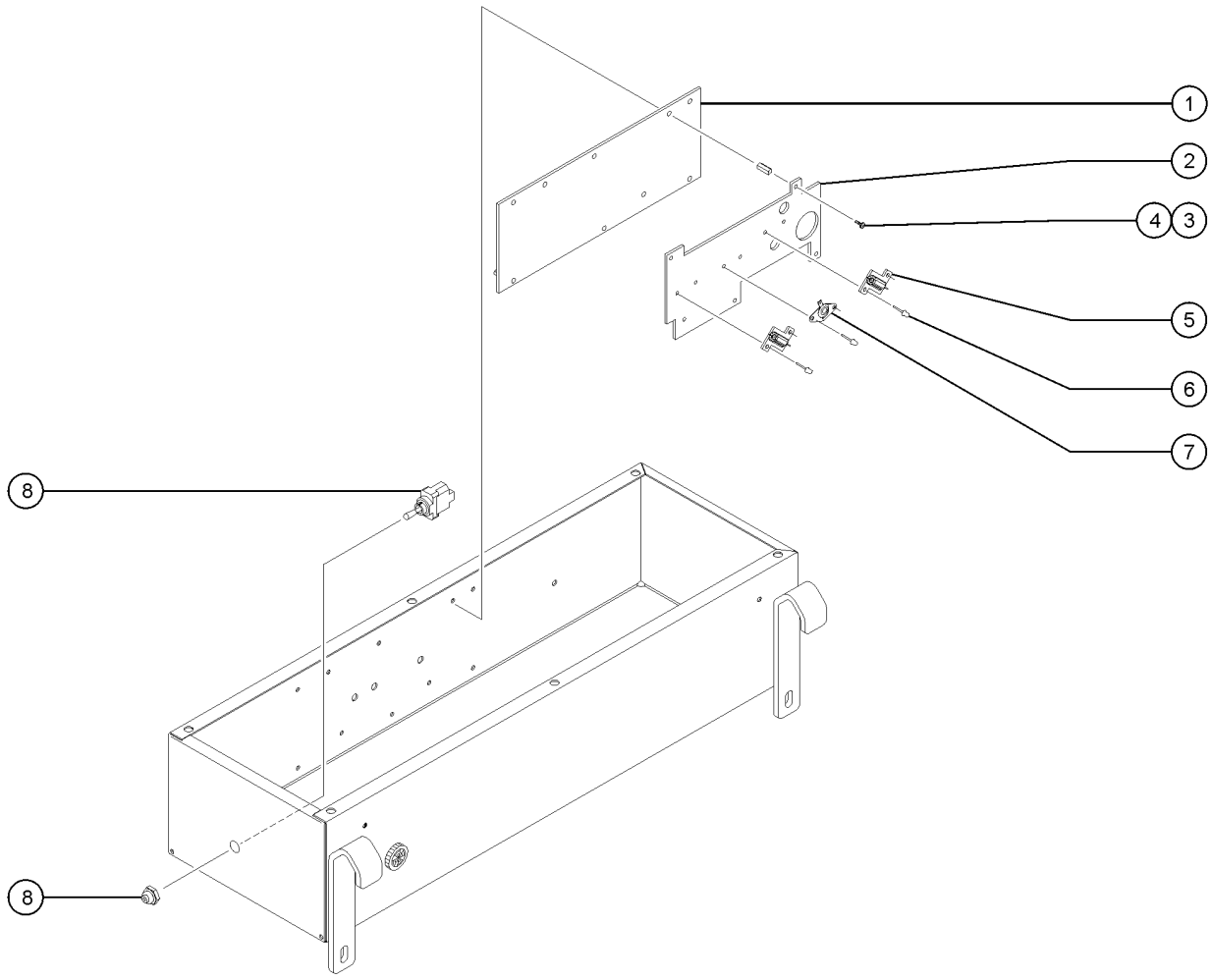
Item	Part No.	Description	Qty.
27-	27391GT	PROXIMITY SENSOR***	
28	128203GT	SWITCH TOGGLE ASSY SPDT 2P MOM	1
28-	139882GT	HARN, AC PROTECTION BYPASS	1
29	27246GT	BOOT,TOGGLE SWITCH,SHORT*	1
30		Ref. DECAL,FUNCTION OVERRIDE (refer to 101.1)	1
31	75617-4788GT	PADDING,FOAM 3.5"OD X 1.50"ID	4
32	75617-3138GT	PADDING, FOAM 3.0" OD X 1.50" ID	2
33	75617-1538GT	PADDING,FOAM 3.5"OD X 1.50"ID	2

823.1 Operator Protection Structure



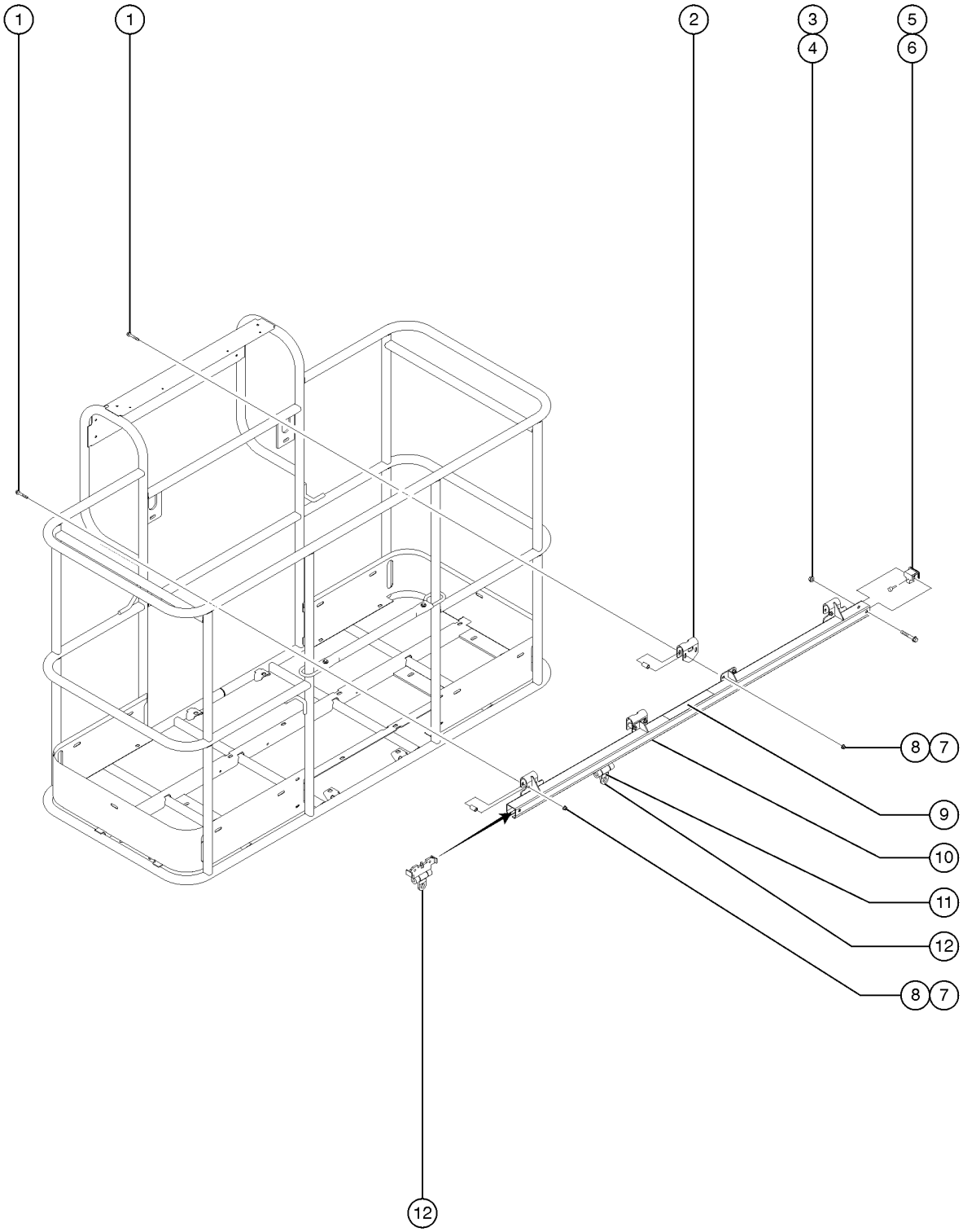
Item	Part No.	Description	Qty.
		Fits all 6' and 8' Booms	
1	219158GT	ACCESSORY,OPERATOR PROT STRUCT (Complete) includes all fasteners	1
2	1256468GT	NUT,3/8-16,8,ZAG	8
3	1255758GT	WASHER,FLAT,3/8,USS,ZAG	12
4	824069GT	SCREW, HHC, 3/8-16 X 2.5, 8, ZAG	4
5	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	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

824.1 Circuit Board Heater Option



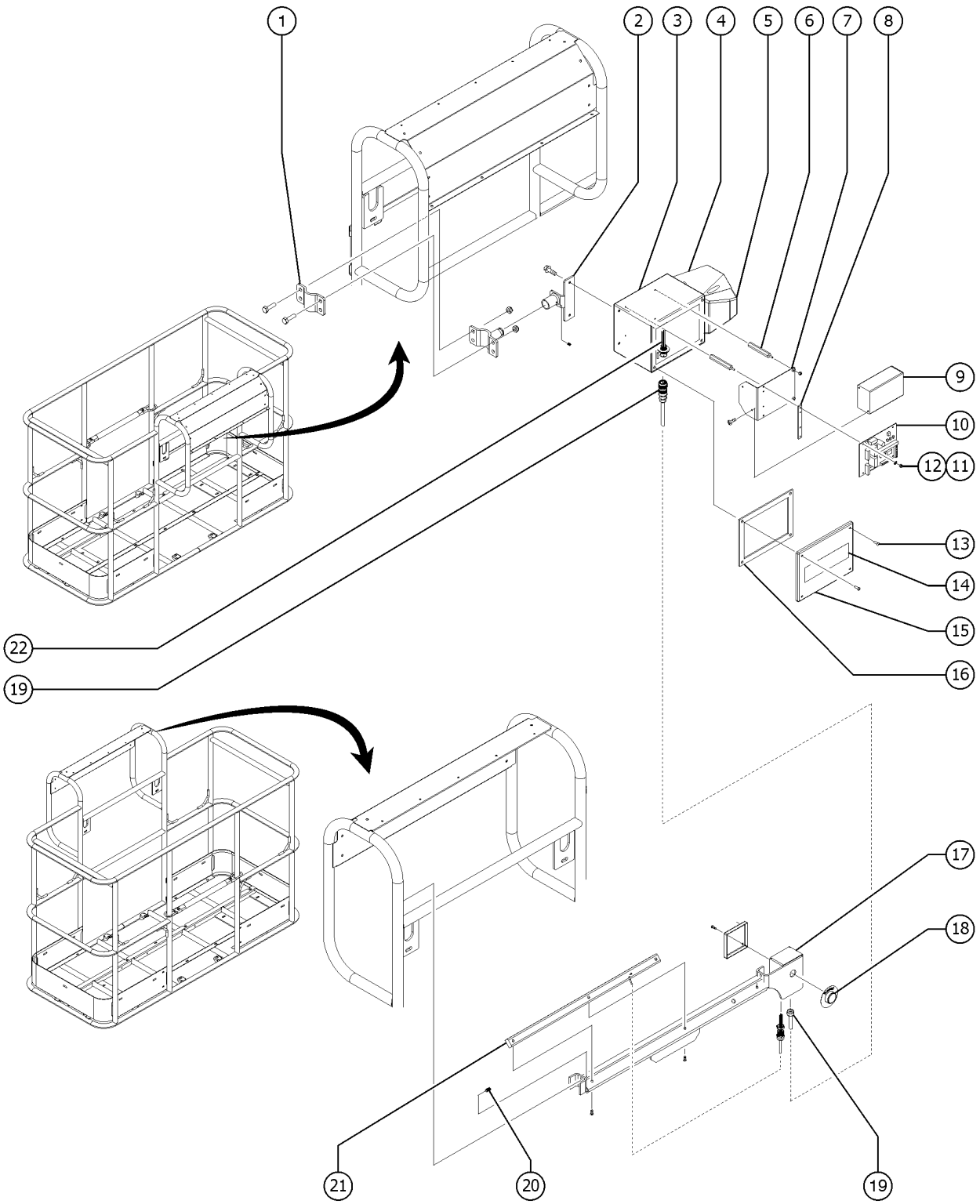
Item	Part No.	Description	Qty.
1		Ref. PCB Assembly, PCON (refer to 603.1)	
2	147661GT	PLATE,PLAT HEAT,ALC500 GEN II	1
3	81551GT	SCREW,PHIL,PHM,6-32 X 1/4 SS	5
4	119534GT	STANDOFF,1/4X1/4 M-F 6-32 S/S	5
5	27287GT	RESISTOR,10 OHM,25 WATT	2
6	6272GT	RIVET,STL,STL,P,.125 X .25	6
7	119641GT	SWITCH,THERMOSTAT 85F OPEN	1
8	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT	

825.1 Fall Arrest Bar

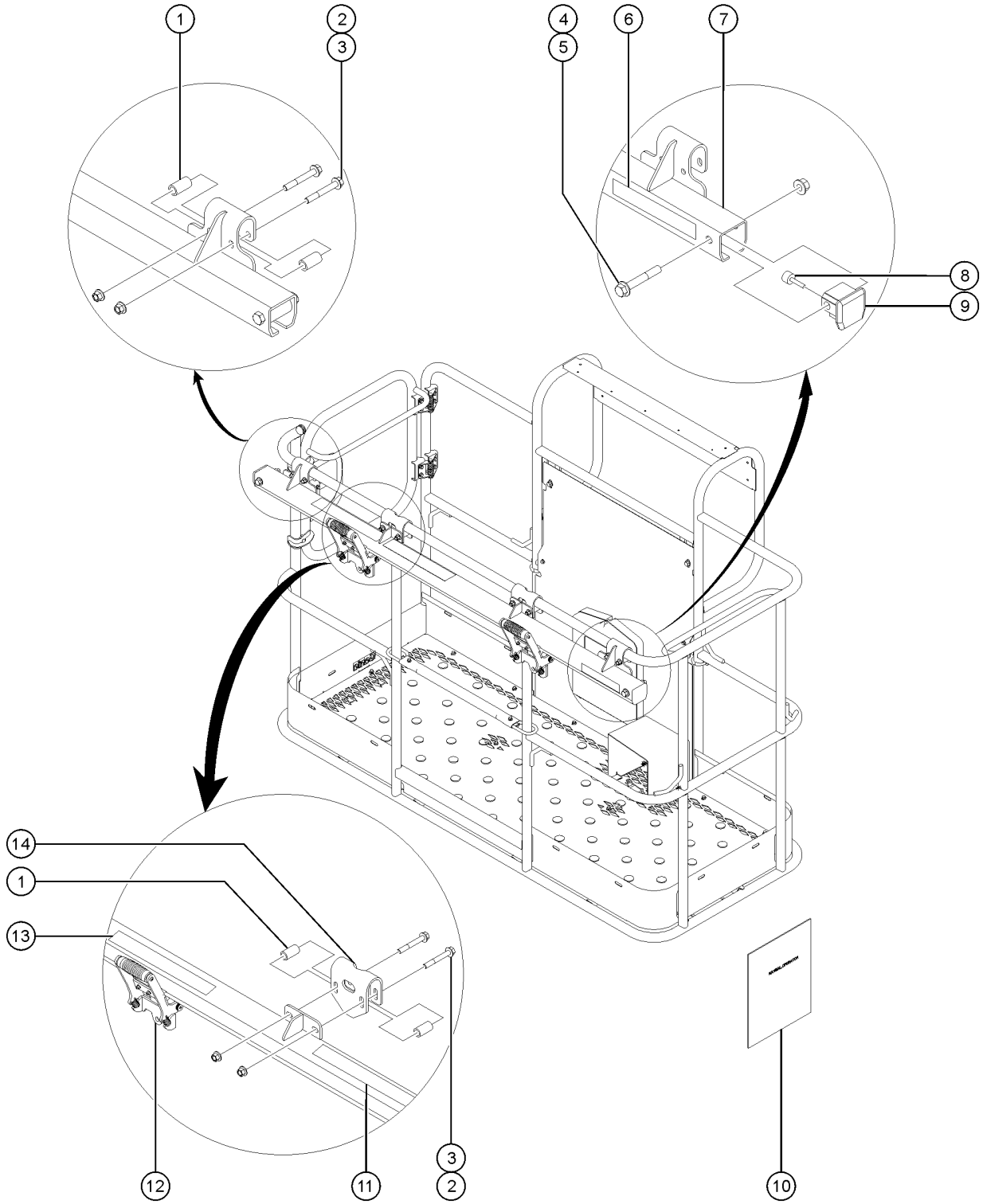


Item	Part No.	Description	Qty.
1	1256856GT	SCREW,HHF,3/8-16X2.5,8,ZAG	4
2	1256389GT	FORMING,INNER HANGER	2
3	1251997GT	NUT,TL FLG,1/2-13,G,ZAG	2
4	1256851GT	SCREW,HHF,1/2-13X3.5,8,ZAG	2
5	1260892GT	END STOP. TFAAS TRACK	2
6	36388GT	BUMPER,RUBBER,.75 X .50H,STUD	2
7	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	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

826.1 Operators Protection Alarm

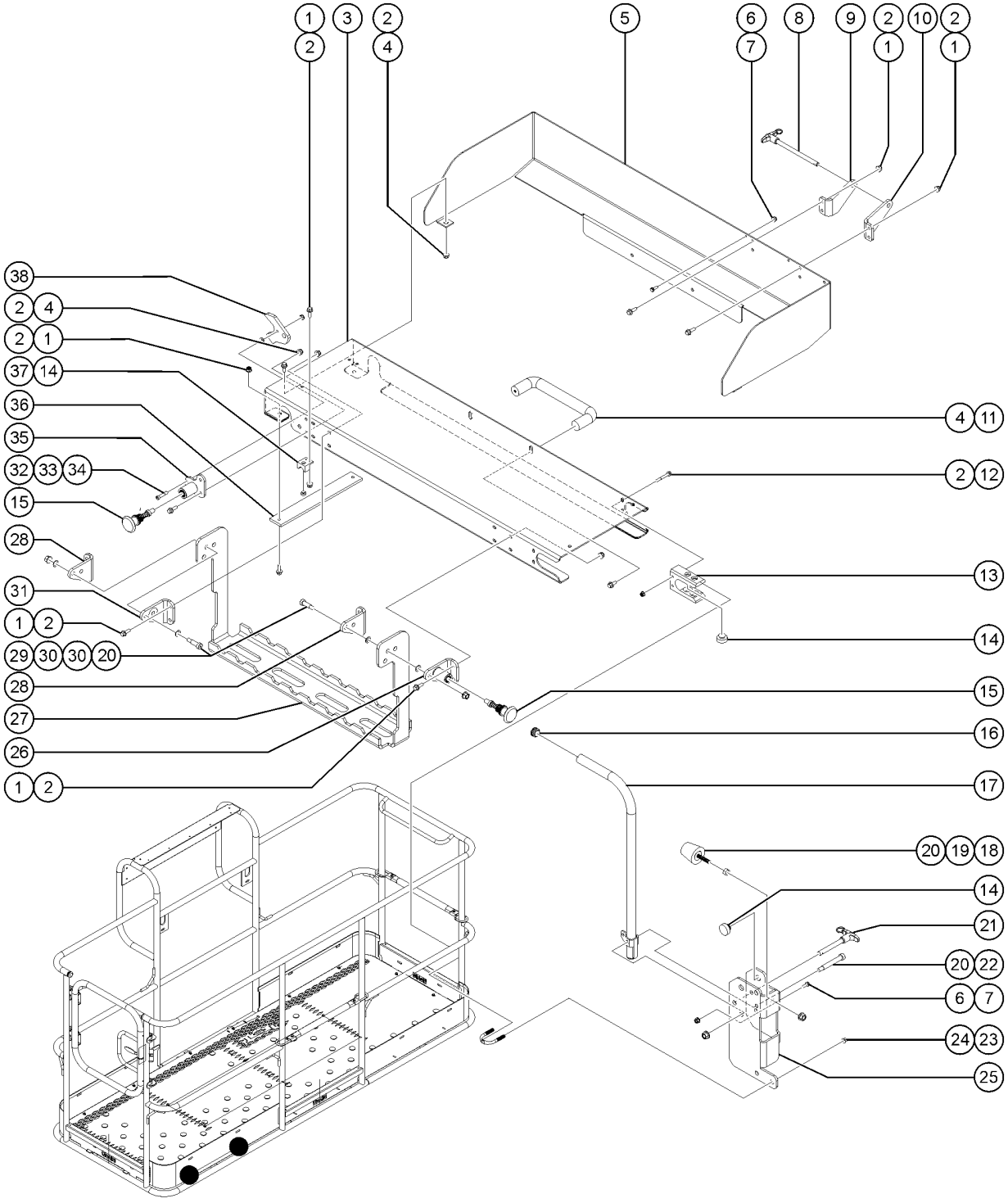


Item	Part No.	Description	Qty.
A-	1255555GT	HARN,PBOX,OPA,HW,12V	1
B-	1255030GT	PLUG,BLANKING	1
1		CLAMP,HAND RAIL,OPA,6'-8' (includes fasteners)No longer available (contact customer service)	1
2		ASSY,BRKT,CNTRL BOX W/FASTNRS No longer available (contact customer service)	1
3	1255018GT	BASE ENCLOSURE,RED,OPA	1
4		SOUNDER,MIDI,OPA No longer available	1
5A		SOUNDER LENS, OPA, BLUE (standard lens fitted to OPA)No longer available (contact customer service)	1
5B		SOUNDER LENS, OPA, RED No longer available (contact customer service)	
6		STAND OFF,CONTROL UNIT No longer available (contact customer service)	1
7		BRACKET,CONTROL UNIT No longer available (contact customer service)	1
8		SPACER,HEAT SINK No longer available (contact customer service)	1
9		ASSY,MODULE,CONTROL UNIT,OPA No longer available (contact customer service)	1
10		MODULE,CONTROL UNIT,PCB,OPA No longer available (contact customer service)	1
11		NUT,M4 NYLOCK No longer available	4
12		WASHER,M4 NYLON No longer available	4
13		SCREW,M5X16 BHD No longer available	4
14	1255890GT	DECAL,COSMETIC,GENIE	1
15		LID ENCLOSURE,RED,OPA No longer available	1
16		GASKET,ENCLOSURE No longer available	1
17		ASSEMBLY,TAPESWITCH (6'/8' platforms) (includes j-box and fasteners)No longer available (contact customer service)	1
18	1255036GT	ASSEMBLY RESET SWITCH	1
19		ASSEMBLY,CABLE,TAPESWITCH No longer available (contact customer service)	1
20		SCREW,M6X8 No longer available	2
21		SENSOR,RUBBER EDGE (6'/8' platforms)No longer available (contact customer service)	1
22		HARN,PIGTAIL,TAPESWITCH,OPA No longer available (contact customer service)	1


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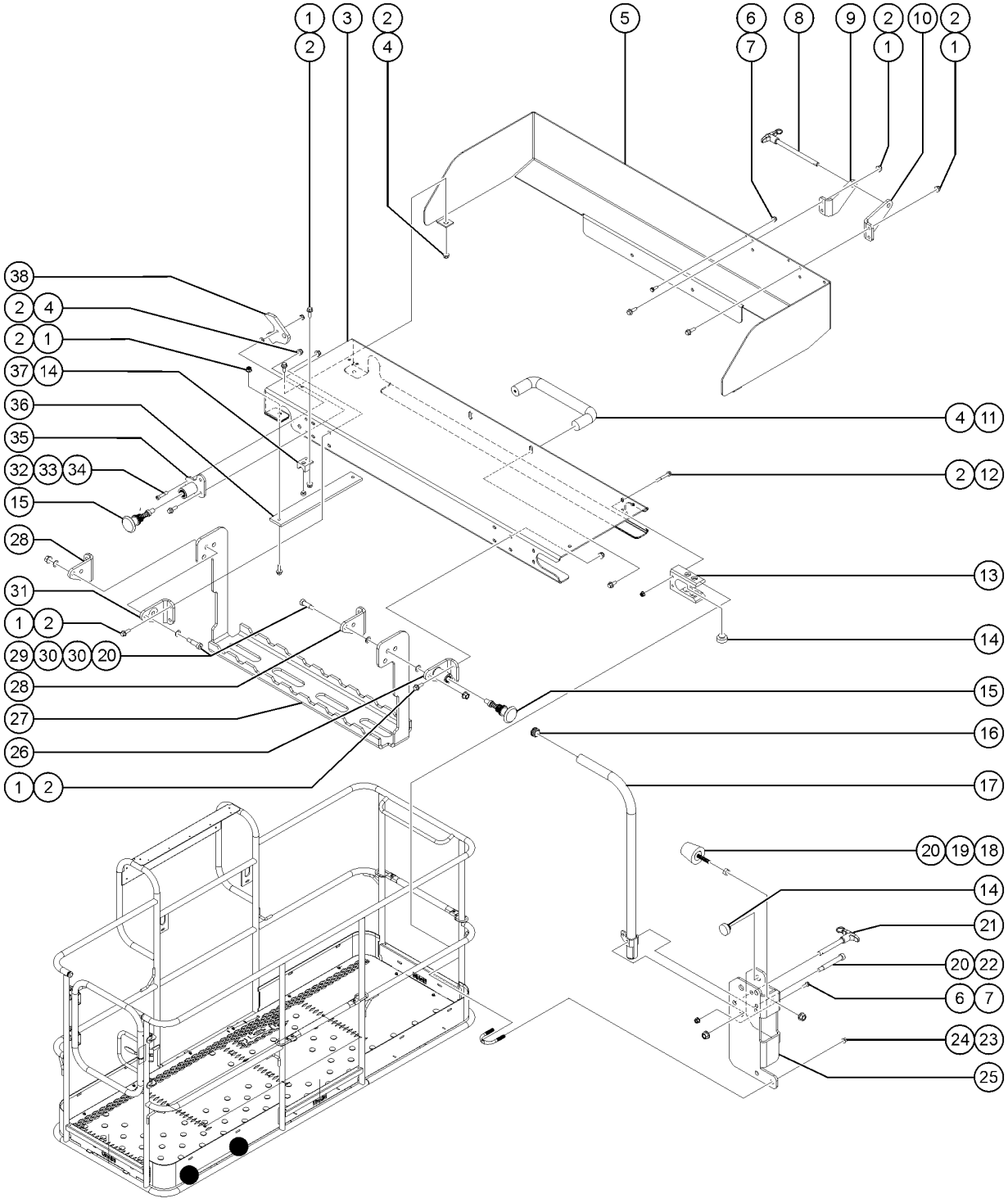
Item	Part No.	Description	Qty.
-	1285719GT	ACC, EXPO INSTALLER, 6FT, WORD (complete kit) 6' Platform with Word decals	
-	1288801GT	ACC, EXPO INSTALLER, 8FT, WORD (complete kit) 8' Platform with Word decals	
-	1286618GT	ACC, EXPO INSTALLER, 6FT, SYM (complete kit) 6' Platform with Symbol decals	
-	1288803GT	ACC, EXPO INSTALLER, 8FT, SYM (complete kit) 8' Platform with Symbol decals	
1	1256481GT	SPACER, HANGER BRACKET	8
2	1256856GT	SCREW,HHF,3/8-16X2.5,8,ZAG Torque to 44 ft-lbs/60 Nm	8
3	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	8
4	1256851GT	SCREW,HHF,1/2-13X3.5,8,ZAG Tighten until snug. Do not over tighten.	2
5	1251997GT	NUT,TL FLG,1/2-13,G,ZAG	2
6	1286393GT	DECAL, BRANDING, EXPO INSTALLER	1
7	1286620GT	WELDMENT, EXPO INSTALLER TRACK, 6FT	1
7B	1288805GT	WELDMENT, EXPO INSTALLER TRACK, 8FT	
8	36388GT	BUMPER,RUBBER,.75 X .50H,STUD	2
9	1260892GT	END STOP. TFAAS TRACK	2
10	1286259GT	SUPPLEMENT,LIFT TOOLS EXPO INSTALLER	1
11	1286261GT	DECAL,MAX SIDE FORCE, LTEI ,WRDS models with Word decals	1
11B	1286263GT	DECAL,MAX MANUAL FORCE, LTEI ,SYMB models with Symbol decals	1
12	1285721GT	TROLLY,EXPO INSTALLER	1
12-	1289692GT	GRIP,CONTOURED ROUND for 1285721	1
12-	1289693GT	BRAKE, EXPO INSTALLER for 1285721	1
12-	1285730GT	SPRING, COMPRESSION, S/S for 1285721	2
13	1286260GT	DECAL,MAX CAPACITY, LTEI, WRDS models with Word decals	1
13B	1286262GT	DECAL,MAX CAPACITY, LTEI, SYMB models with Symbol decals	1
14	1286621GT	FORMING INNER HANGER, EXPO INSTALLER	2

828.1 Lift Tools Access Deck - 8 Feet



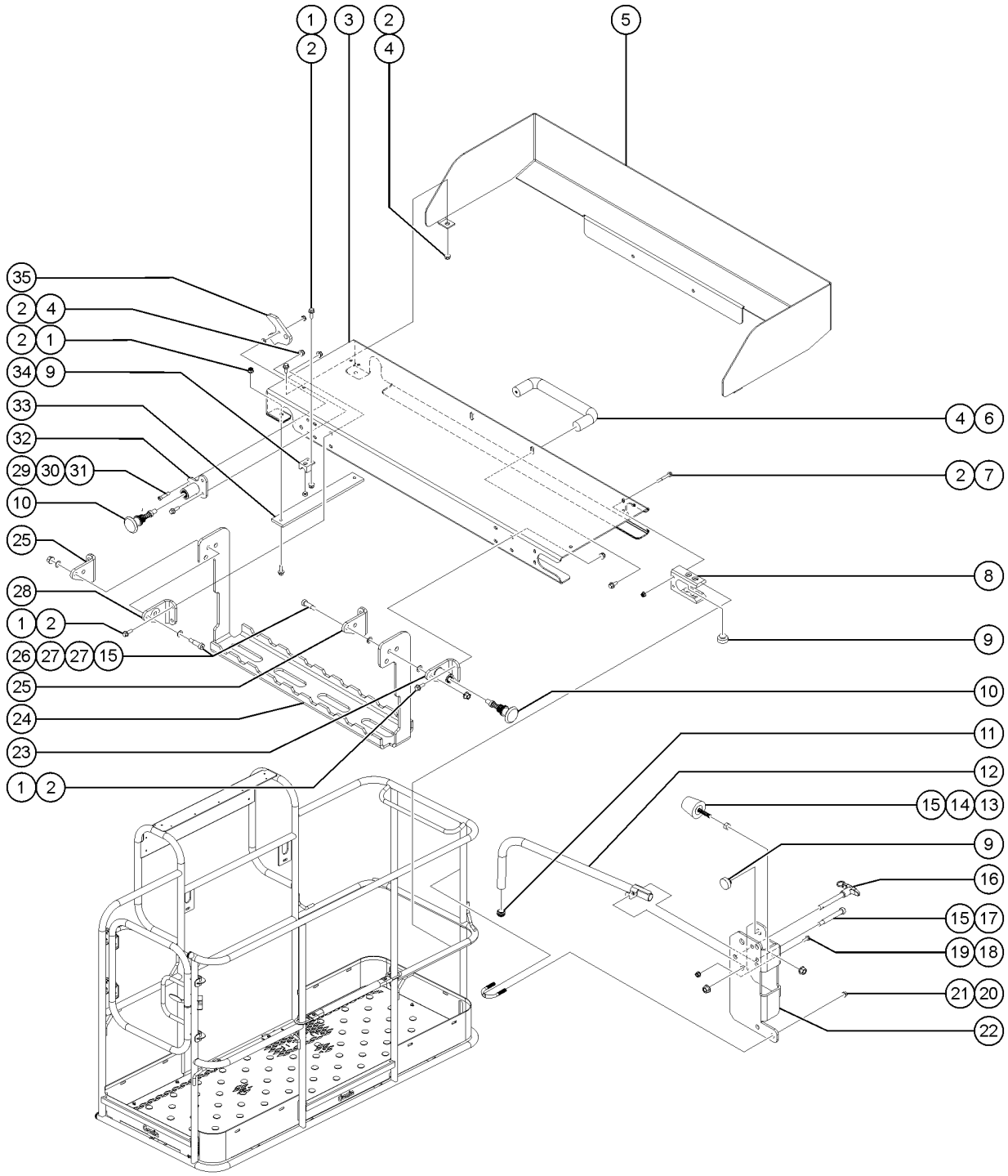
Item	Part No.	Description	Qty.
-	1291798GT	KIT, LIFT TOOLS ACCESS DECK, 8FT PLATFORM, ANSI	
1	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	20
2	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	28
3	1291799GT	FORMING, ACCESS DECK	1
4	1256855	SCREW,HHF,1/4-20X.625,8,ZAG	6
5	1291800GT	FORMING, ACCESS DECK TOEBOARD, 8FT PLATFORM	1
6	1283004GT	NUT,NYLOCK FLG,10-24,A,ZAG	2
7	1270665GT	SCREW,HHF,10-24X.625,5,ZAG	2
8	1292956GT	PIN, QUICK RELEASE 3/8X5	1
8-	1292932GT	LANYARD, STEEL, 8",NYLON SLEEVE,#10	
9	1292937GT	FORMING, ACCESS DECK LEFT LOCK No longer available,(Replaced by 1292937P)	1
9B	1292937PGT	FORMING,ACCESS DECK LEFT LOCK,PTD	
10	1292936GT	FORMING, ACCESS DECK RIGHT LOCK	1
11	1291802GT	FORMED, PULL HANDLE	1
12	1253485GT	SCREW,HHF,1/4-20X2,8,ZAG	4
13	1291812GT	WEAR PAD, HORIZANTAL MIDRAIL SLOT	2
14	43392GT	BUMPER,BATTERY BOX & RAILS	8
15	1291811GT	POP PIN, YELLOW	2
16	55753GT	BUMPER, PLASTIC, 1.25 O.D.	2
17	1291815GT	WELDMENT, FOLDING HANDLE	1
18	111580GT	BUMPER,RUBBER,1.19DX1.5X.31-18	1
19	1261250GT	NUT,5/16-18,8,ZAG	1
20	1274167GT	NUT,NYLOCK FLG,5/16-18,F,ZAG	4
21	1291865GT	PIN, QUICK RELEASE 3/8X2-1/2	1
21-	1292932GT	LANYARD, STEEL, 8",NYLON SLEEVE,#10	
22	1291817GT	BOLT,SHS,3/8X2.25X5/16-18,ZAG	1
23	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	4
24	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	2

828.1 Lift Tools Access Deck - 8 Feet



Item	Part No.	Description	Qty.
25	1293706GT	FORMING, ACCESS DECK HANDLE	1
26	1291844GT	WELDMENT, ACCESS DECK STEP LOCK	1
27	1291801GT	FORMING, ACCESS DECK STEP, 8FT PLATFORM	1
28	1291804GT	FORMING, ACCESS DECK LEFT EYE, 8FT PLATFORM	2
29	1291819GT	BOLT,SHS,3/8X7/8X5/16-18,ZAG	2
30	1292828GT	WASHER,FLAT,.39,.625,.036,ZAG	4
31	1291803GT	FORMING, ACCESS DECK RIGHT EYE, 8FT PLATFORM	1
32	1291818GT	BOLT,SHS,1/4X.75X1/4-20,ZAG	1
33	1291821GT	WASHER, FLAT, 1/4X1/16X1/2, AL	1
34	1283026GT	NUT,LP NYLOCK,1/4-20,2,ZAG	1
35	1291809GT	WELDMENT, LIFT TOOLS MIDRAIL LOCK	1
36	1291807GT	PLATE, STIFFENER BAR	2
37	1291813GT	WEAR PAD, VERTICAL MIDRAIL SLOT	2
38	1291806GT	PLATE, MIDRAIL HOOK	1

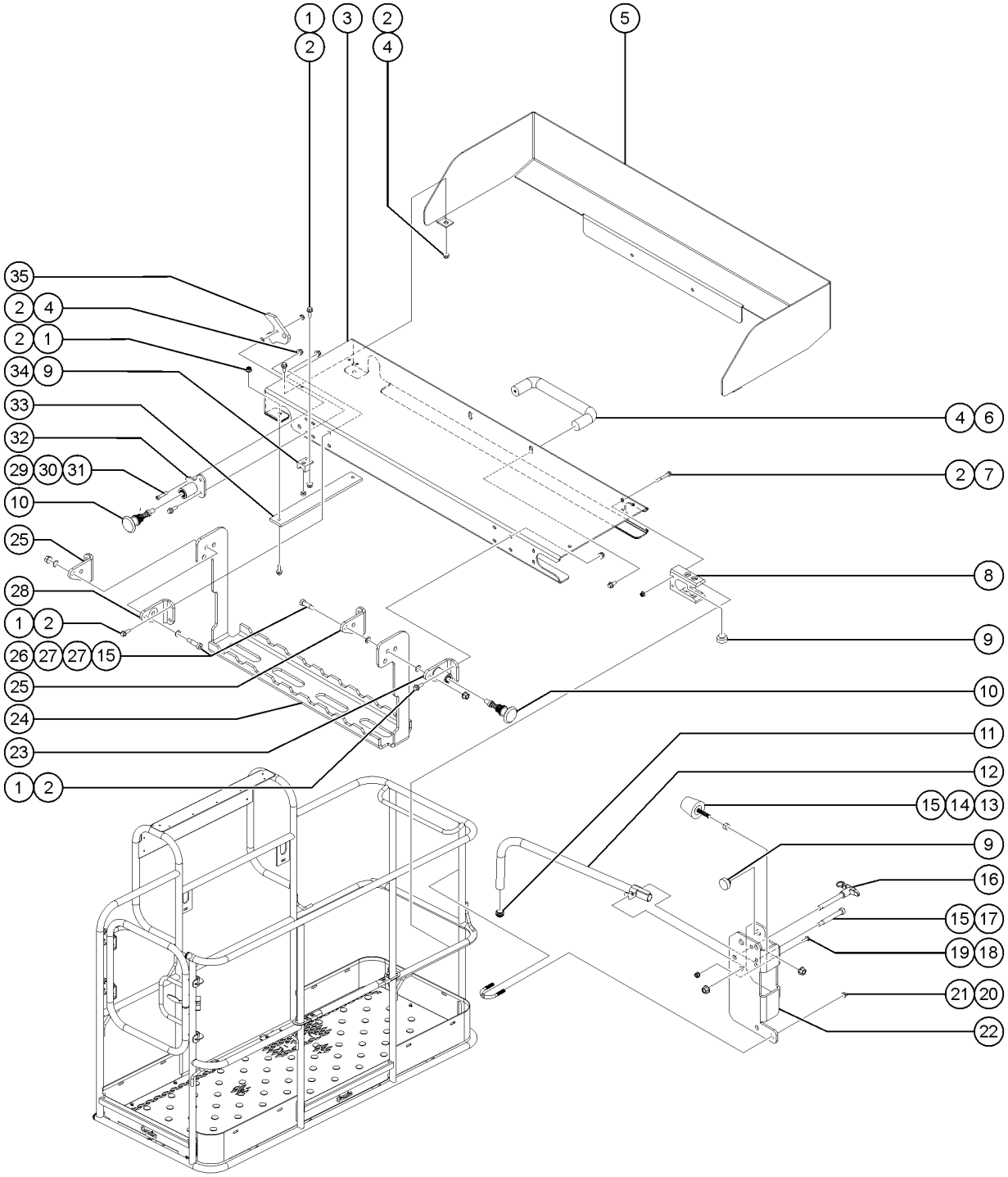
829.1 Lift Tools Access Deck - 6 Feet



829.1 Lift Tools Access Deck - 6 Feet

Item	Part No.	Description	Qty.
-	1293700GT	KIT, LIFT TOOLS ACCESS DECK, 6FT PLATFORM, ANSI (6 feet)	1
1	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	16
2	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	24
3	1293710GT	FORMING, ACCESS DECK	1
4	1256855	SCREW,HHF,1/4-20X.625,8,ZAG	6
5	1293702GT	FORMING, ACCESS DECK TOEBOARD, 6FT PLATFORM	1
6	1291802GT	FORMED, PULL HANDLE	1
7	1253485GT	SCREW,HHF,1/4-20X2,8,ZAG	4
8	1291812GT	WEAR PAD, HORIZANTAL MIDRAIL SLOT	2
9	43392GT	BUMPER,BATTERY BOX & RAILS	8
10	1291811GT	POP PIN, YELLOW	2
11	55753GT	BUMPER, PLASTIC, 1.25 O.D.	2
12	1291815GT	WELDMENT, FOLDING HANDLE	1
13	111580GT	BUMPER,RUBBER,1.19DX1.5X.31-18	1
14	1261250GT	NUT,5/16-18,8,ZAG	1
15	1274167GT	NUT,NYLOCK FLG,5/16-18,F,ZAG	4
16	1291865GT	PIN, QUICK RELEASE 3/8X2-1/2	1
16-	1292932GT	LANYARD, STEEL, 8",NYLON SLEEVE,#10	
17	1291817GT	BOLT,SHS,3/8X2.25X5/16-18,ZAG	1
18	1270665GT	SCREW,HHF,10-24X.625,5,ZAG	1
19	1283004GT	NUT,NYLOCK FLG,10-24,A,ZAG	1
20	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	4
21	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	2
22	1293706GT	FORMING, ACCESS DECK HANDLE	1
23	1291844GT	WELDMENT, ACCESS DECK STEP LOCK	1
24	1293703GT	FORMING, ACCESS DECK STEP, 6FT PLATFORM	1
25	1291804GT	FORMING, ACCESS DECK LEFT EYE, 8FT PLATFORM	2
26	1291819GT	BOLT,SHS,3/8X7/8X5/16-18,ZAG	2

829.1 Lift Tools Access Deck - 6 Feet



829.1 Lift Tools Access Deck - 6 Feet

Item	Part No.	Description	Qty.
27	1292828GT	WASHER,FLAT,.39,.625,.036,ZAG	4
28	1291803GT	FORMING, ACCESS DECK RIGHT EYE, 8FT PLATFORM	1
29	1291818GT	BOLT,SHS,1/4X.75X1/4-20,ZAG	1
30	1291821GT	WASHER, FLAT, 1/4X1/16X1/2, AL	1
31	1283026GT	NUT,LP NYLOCK,1/4-20,2,ZAG	1
32	1291809GT	WELDMENT, LIFT TOOLS MIDRAIL LOCK	1
33	1293704GT	PLATE, STIFFENER BAR	2
34	1291813GT	WEAR PAD, VERTICAL MIDRAIL SLOT	2
35	1291806GT	PLATE, MIDRAIL HOOK	1

Part no.	Page Number
1487GT	285
1488GT	285
1505GT	281
1702GT	121, 167
4266GT	147, 167, 257, 259, 285, 305
4828GT	53, 61, 63, 67, 81, 91...
5365GT	259
5387GT	177, 181
5397GT	53, 61, 63, 67, 81, 87...
6002GT	81, 95, 155
6019GT	45, 55, 81, 97, 127, 169...
6021GT	21, 25, 29, 37, 45, 55...
6022GT	141
6024GT	27, 65, 181, 189
6033GT	21, 25, 29, 37, 101, 115...
6036GT	173, 281, 287
6037GT	101
6086GT	21, 25
6090GT	33, 41, 43, 45, 53, 65...
6091GT	81, 87, 95, 107, 121, 127...
6095GT	113, 131, 143, 149, 167, 195...
6096GT	115, 185
6097GT	23, 61, 63, 83, 97, 101...
6099GT	161
6145GT	83, 127, 149, 167, 203, 287
6146GT	67, 89, 121, 125, 151, 171...
6147GT	281
6175GT	21, 25, 57, 63, 83, 91...
6178GT	67, 77, 125, 179, 193, 195
6198GT	89, 93, 109, 131, 143, 149...
6272GT	359
6326GT	177
6356GT	33, 41, 43, 45, 63, 67...
6550GT	327
6584GT	257, 259
6595GT	311
6607GT	215
6638GT	33, 41, 43, 45, 53, 63...
6653GT	55, 97
6708GT	141
6782GT	87, 119, 125, 311, 327, 329...
6833GT	107, 119, 125, 151, 171, 291...
6878GT	193, 341
6886GT	65, 101, 107, 323
6888GT	63, 81, 87, 95, 107, 109...
6889GT	53, 65, 109, 195, 201, 289...
6935GT	63, 75, 219, 311
7056GT	63, 75, 209, 219, 311
7057GT	311
7265GT	285
7339GT	67, 161, 185
7713GT	57, 65, 83, 105, 177, 181...
8170GT	173
8177GT	21, 25, 35, 41, 101
8178GT	61
8179GT	191, 199
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California Proposition 65

WARNING

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

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

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

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

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