A TEREX BRAND

Parts Manual

Serial Number Range

S-40
S-45

from SN 831 to 7000

Part No. 52090GT
Rev: E.48
March 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

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

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Second Edition: Fifth Printing

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A TEREX BRAND

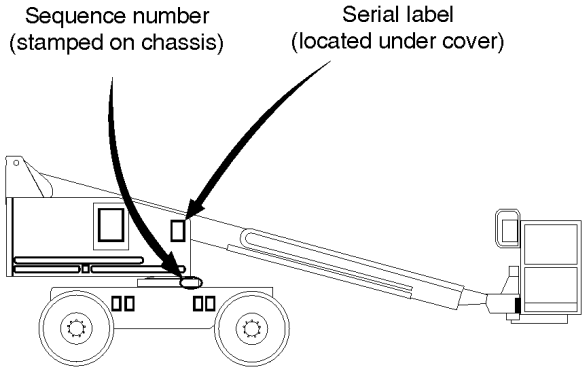
Model: S-40
Serial number: S4008-12345
Model year: 2008 **Manufacture date:** 01/05/08
Electrical schematic number: ES0274
Machine unladen weight:

Rated work load (including occupants): 500 lb / 227 kg
Maximum number of platfrm occupants: 2
Maximum allowable side force : 150 lb / 670 N
Maximum allowable inclination of the chassis:
0 deg
Maximum wind speed : 28 mph/ 12.5 m/s
Maximum platform height : 60 ft 6 in/ 18.3 m
Maximum platform reach : 34 ft 3 in/ 10.4 m
Gradeability: N/A
Country of manufacture: USA
This machine complies with:
ANSI A92.5
CAN B.354.4

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

S40 08 - 12345

Model | Model year | Sequence number



How to Order Parts

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

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

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

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

Machine Information

_____

Model

_____

Serial Number

_____

Date of Purchase

_____

Authorized Genie Distributor

_____

Phone Number

North America

Telephone (425)881-1800

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

Fax (425)556-8659

Toll Free fax (888)274-6192

Email AWP.PartsSalesPO@terex.com

http://genielift.com/en

EMEAR (Europe, Middle East, Africa and Russia)

Telephone (31)(165)519 313

Fax (31)(165)511 148

http://genielift.co.uk

Asia Pacific (Genie Singapore)

Telephone +65 6692 7777

Fax +65 6261 8893

http://genielift.com.sg/

Australia

Telephone (61)(7)3456 4444

Fax (61)(7)3456 4466

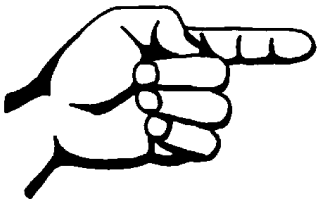
http://genielift.com.au

South America

Telephone (55)(11)4082 5600

Fax (55)(11)4082 5630

Please refer to section 001 for the Recommended Spare Parts List.



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TEREX CORPORATION

Service Parts Fax Order Form

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

Please fill out completely

Date _____ Account Number _____

Your Name _____ Your Fax Number _____

_____ Your Phone Number _____

Bill To _____ Ship To _____

_____ _____

_____ _____

_____ _____

Purchase Order Number _____ Ship Via _____

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

Optional Equipment _____

Part Number	Description	Quantity	Price

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

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

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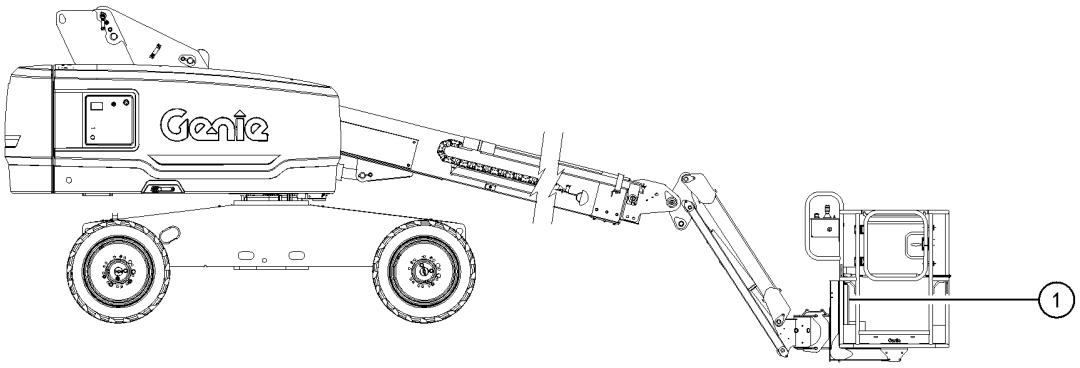
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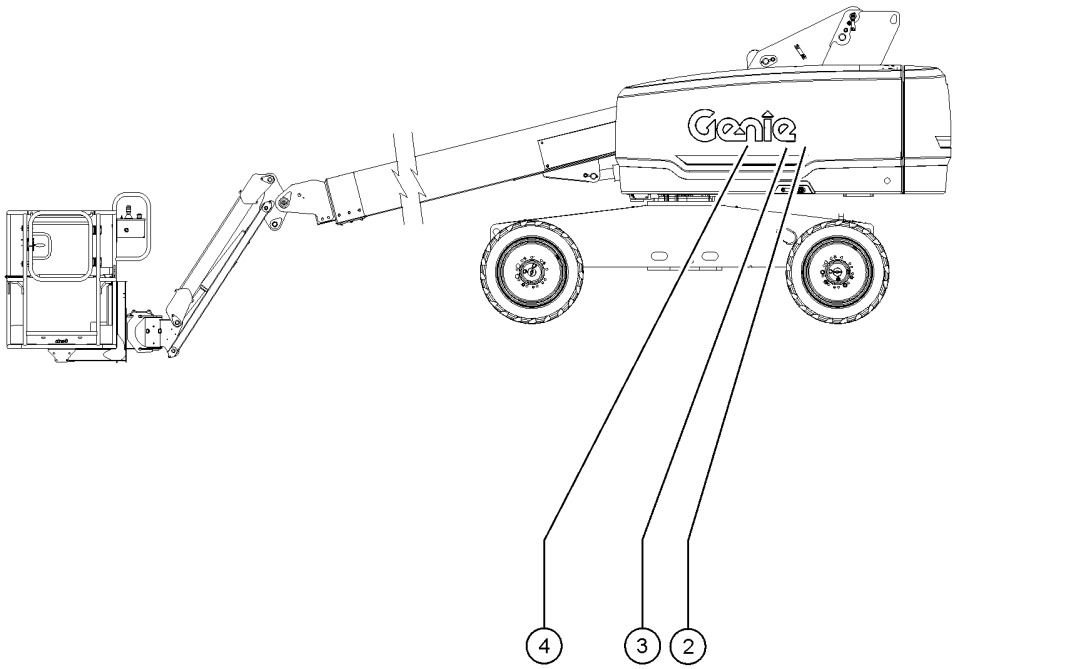
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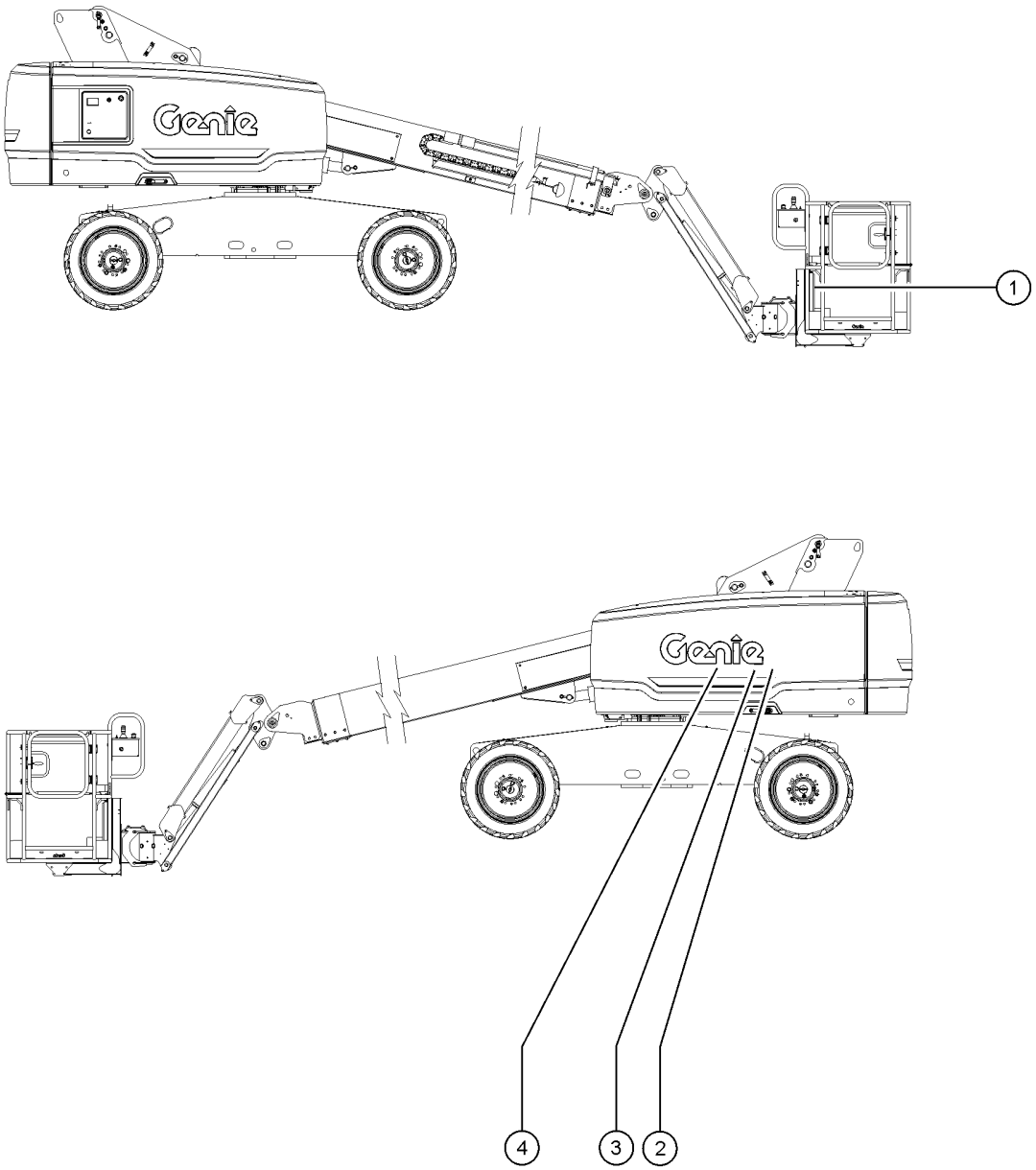
001.1 Parts Stocking List





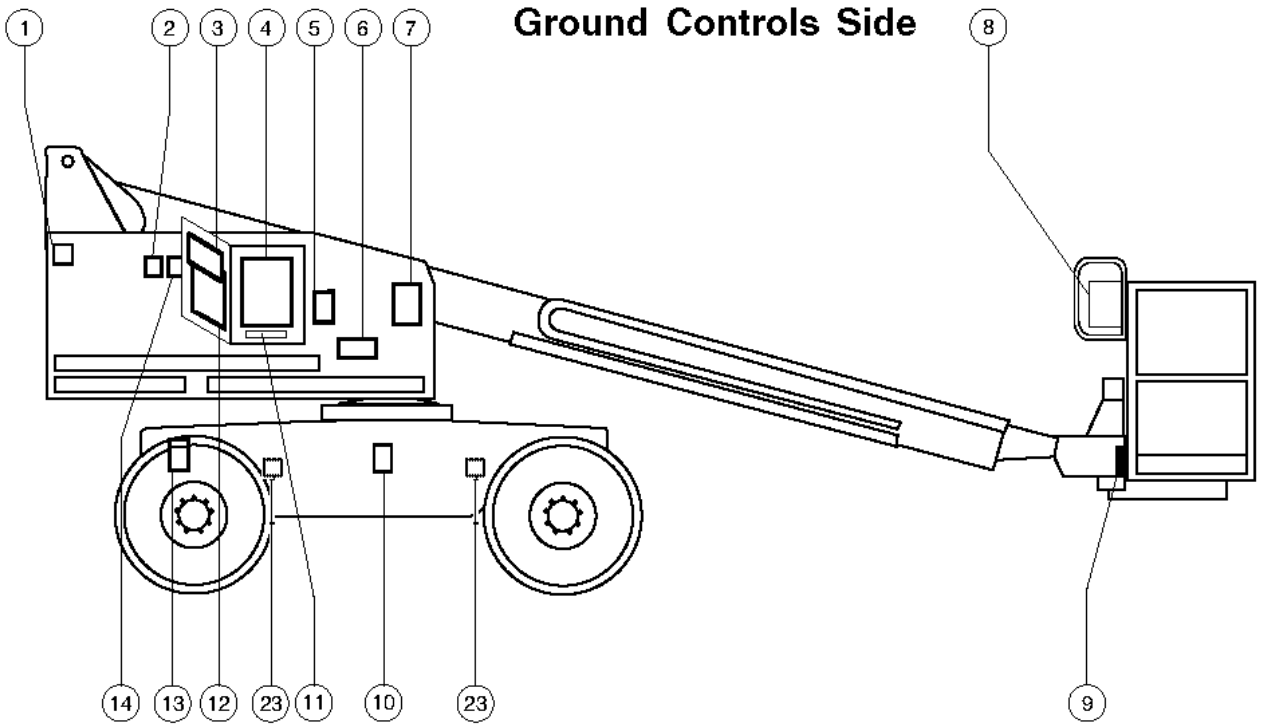
Item	*Part No.*	*Description*	*Qty.*
A		—GENERAL SERVICE PARTS—	
A-	32150GT	PAINT, WET, GENIE BLUE (1 GL)** 1 Gallon	
A-	1484GT	PAINT, AEROSOL, BRIGHT BLUE*** 12 Ounce Aerosol	
A-	32151GT	PAINT, WET, GENIE GRAY (1GL)** 1 Gallon	
A-	1268GT	PAINT, AEROSOL, GENIE GRAY*** 12 Ounce Aerosol	
1		—Manual—	
1-	27581GT	MANUAL, SAFTY MANNAL	
1-	31779GT	MANUAL,RESPON,A92.5 BOOM	
2		—Perkins 704-30 Models—	
2-	62420GT	FILTER, AIR D2.9L4	
2-	62421GT	FILTER,FUEL,PERKINS	
2-	65853GT	FILTER,FUEL/WATER SEPARATOR***	
2-	62422GT	FILTER,OIL,PERKINS 704-30 (BB)	
2-	62423GT	BELT,V KIT (TWO BELTS) 704-30	
3		—Deutz F3L-1011F Models—	
3-	27915GT	AIR CLEANER	
3-	27916GT	FILTER,AIR,ELEMENT***	
3-	29560GT	FILTER,FUEL/WTR SEP, DTZ 1008	
3-	49924GT	FILTER,OIL,DEUTZ	
3-	32698GT	BELT	
4		—Ford LRG-425 Models—	
4-	52179GT	FILTER, FUEL LRG 425/423 EFI	
4-	58967GT	FUEL PRESSURE REG,425EFI***	
4-	28656GT	FILTER,OIL,FORD	

001.1 Parts Stocking List

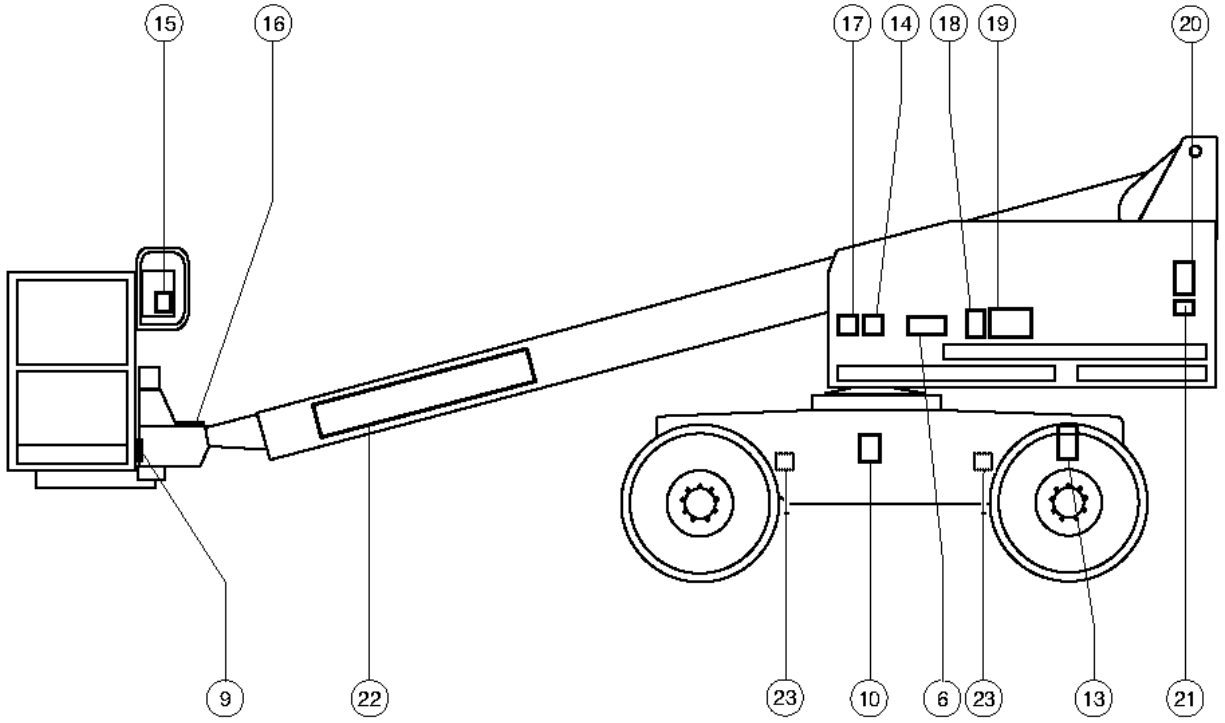


Item	*Part No.*	*Description*	*Qty.*
4-	62420GT	FILTER, AIR D2.9L4	
4-	52580GT	BELT,SERPENTINE,LRG425 EFI***	
4-	33957GT	VALVE,PCV-FORD LRG***	
4-	28647GT	SPARK PLUG,FORD	

101.1 Decals - View 1



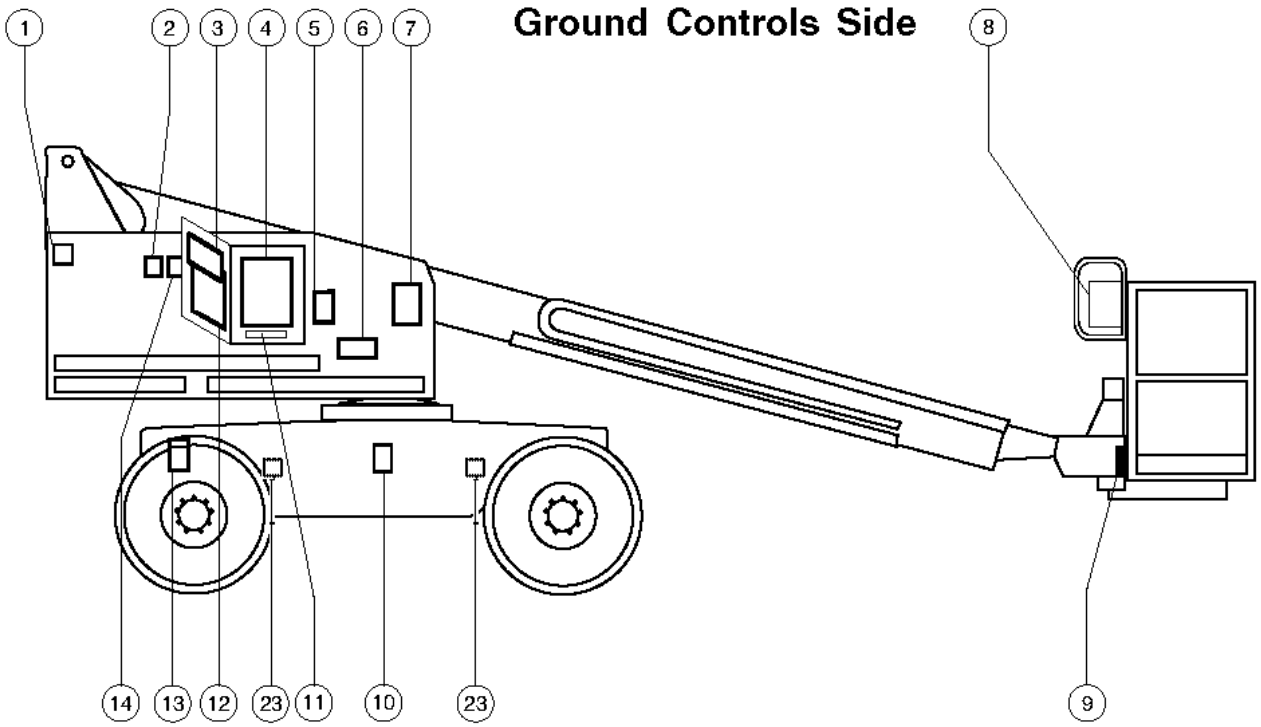
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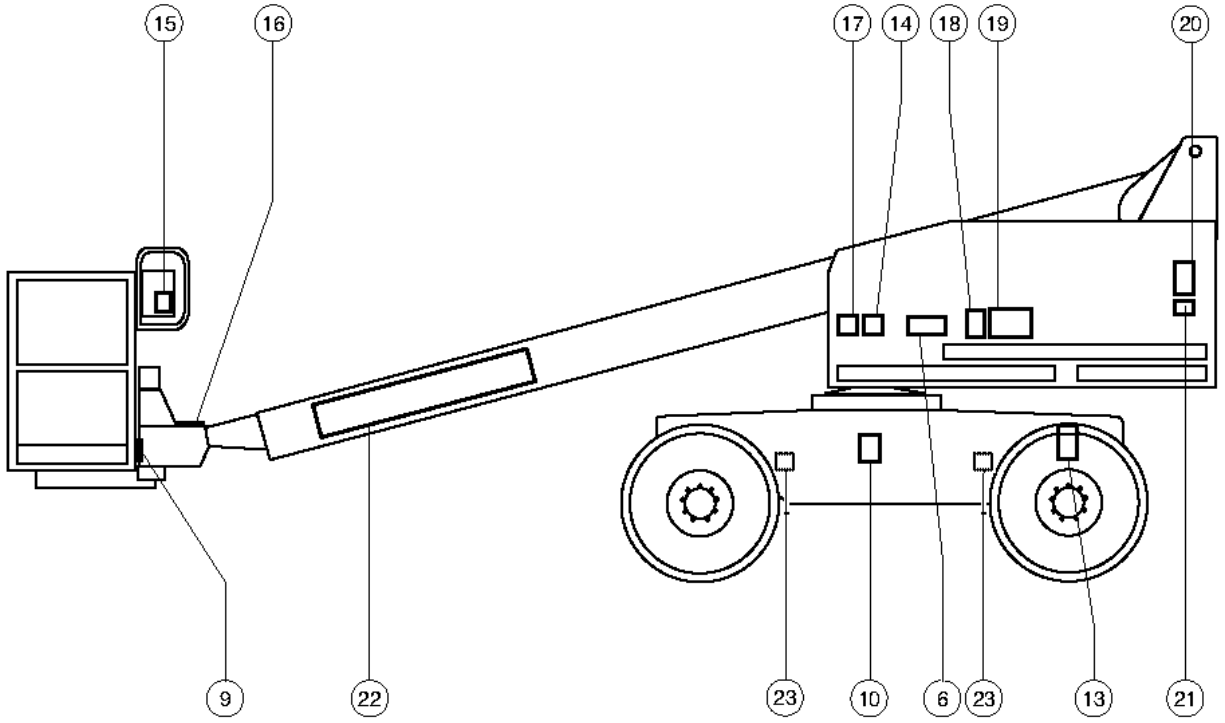
101.1 Decals - View 1

Item	Part No.	Description	Qty.
A-	229352GT	KIT,WHEEL LOAD DECAL S40 2ND Kit includes operator manual and decal part 226500	
A-	1279574GT	DECAL KIT,PLAT,S40/60/80,WORD for SN 831 to 7000	
C-	52055GT	DECAL KIT,INSTR,S40 GAS Gasoline/LPG models; kit does not include, from this figure, index numbers 3, 4, 5, 7, and 15	
D-	46198GT	DECAL KIT,INSTRUCT,S40 DIESEL Diesel models; kit does not include, from this figure, index numbers 3, 4, 5, 7, and 15	
1	28157GT	DECAL,USE DEXRON*** to SN 6456	1
1-	82366GT	DECAL,CHEVRON RANDO HD from SN 6457	1
2	28158GT	DECAL,LABEL,UNLEADED GAS ONLY	2
2-	28159GT	DECAL,DIESEL	2
3	43647GT	DECAL,NOTICE,OPER INST.IC***	1
4	72160GT	DECAL,GND CONT PNL,S45/S60/80	1
5	25994GT	DECAL,NOTICE,SHUTOFF VALVES	1
6	27564GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	2
7	77046GT	SERIAL # LABEL,MYLAR 4X8***	1
8	33503GT	DECAL, GENIE LOGO 14" LONG	1
9	28177GT	DECAL,WARN,CRUSH HAZARD PLAT	2
10	226499GT	DECAL,NOTICE,TIRE PRESSURE	4
10-	43595GT	DECAL,DANGER,TIP-OVER,TIRES*** Deluxe Hostile Environment models	4
11	43663GT	DECAL,NOTICE, FUNCTION ENABLE*	1
12	97890GT	DECAL,DANGER,GEN SAFETY RULES	1
13	28161GT	DECAL,WARN,CRUSH HAZARD HAND	2
14	28171GT	DECAL,DANGER,NO SMOKING ***	2
15	28235GT	DECAL,POWER TO PLATFORM 115V	1
15-	28174GT	DECAL,POWER TO PLATFORM 230V	1
16	28181GT	DECAL,WARN,FALL HAZARD	1
17	28160GT	DECAL,LABEL,LIQUID PROPANE	1
18	28164GT	DECAL,NOTICE,HAZARDOUS MAT'LS*	1
19	28175GT	DECAL,WARNING-COMPART ACCESS	1
20	49741GT	DECAL,NOTICE,FORD EFI ENG SPEC	1

101.1 Decals - View 1



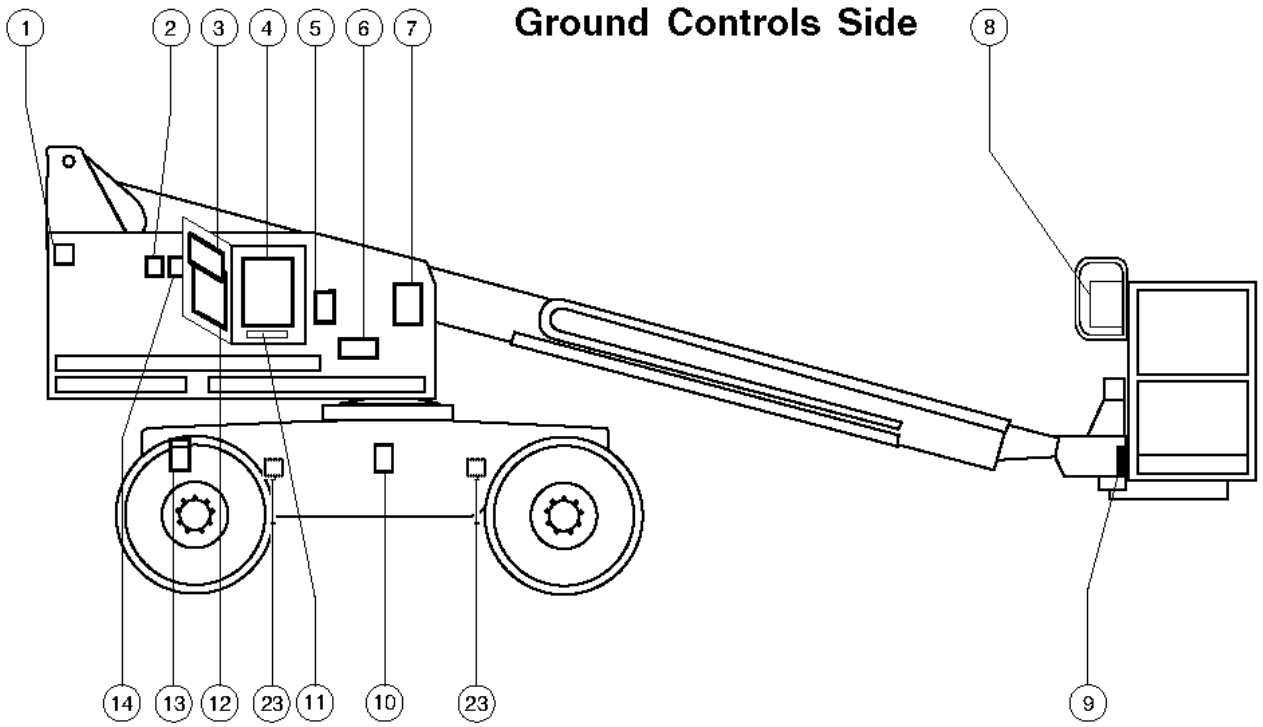
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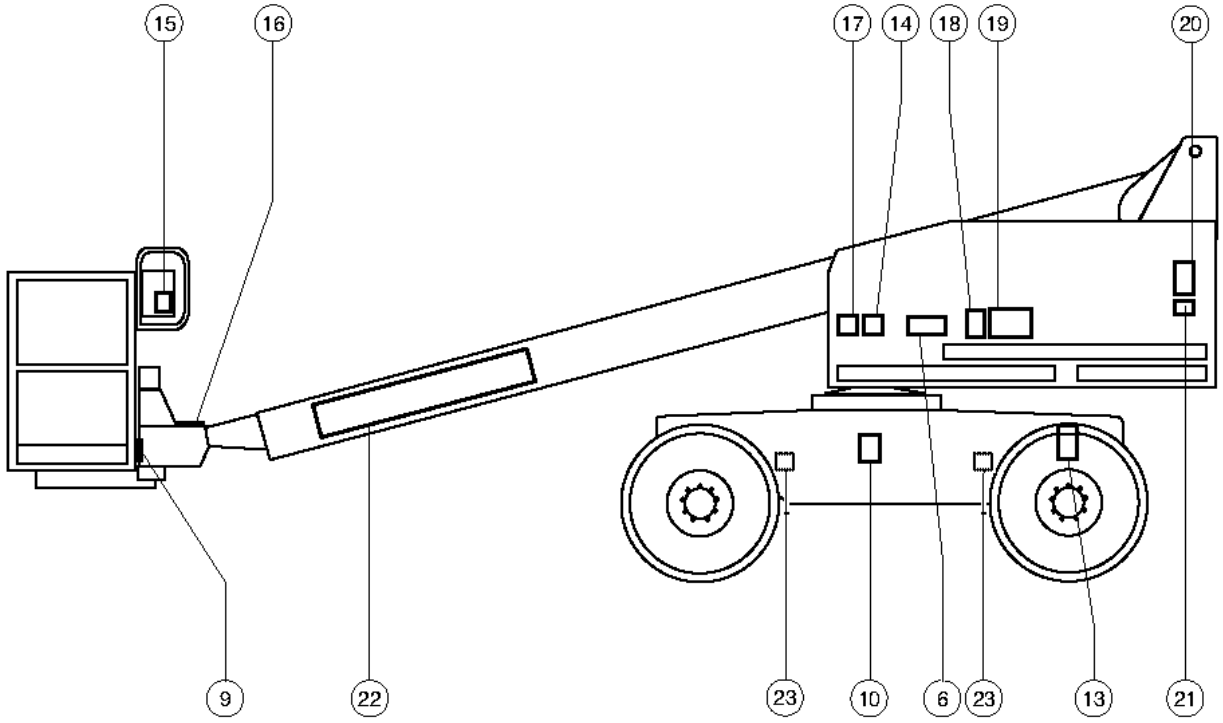
101.1 Decals - View 1

Item	*Part No.*	*Description*	*Qty.*
20-	53037GT	DECAL,NOTICE,DEUTZ ENG SPEC	1
20-	63461GT	DECAL, ENGINE SPEC, PERKINS	1
21	35599GT	DECAL,NOTICE,AIR INLET*** Deutz Diesel models	1
22	62072GT	DECAL,COSMETIC,GENIE S-40***	1
23	226500GT	DECAL,LABEL,WHEEL LOAD S-40	4

101.2 Decals - View 1



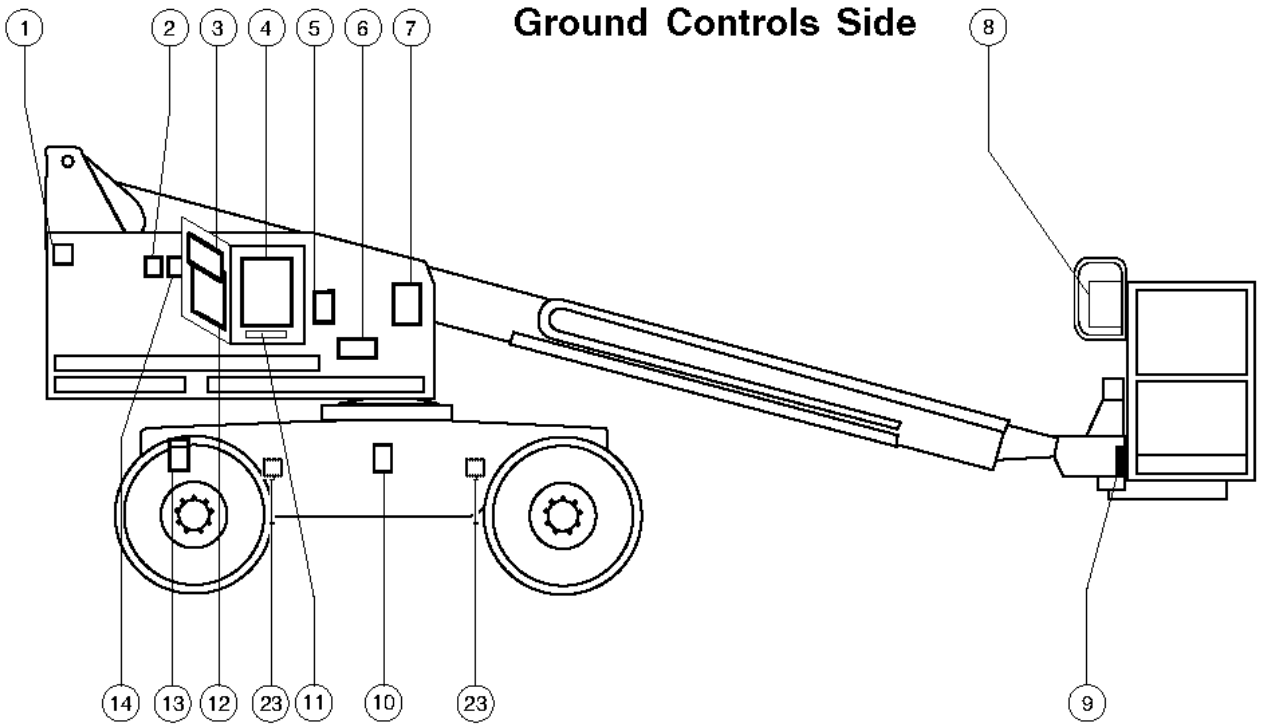
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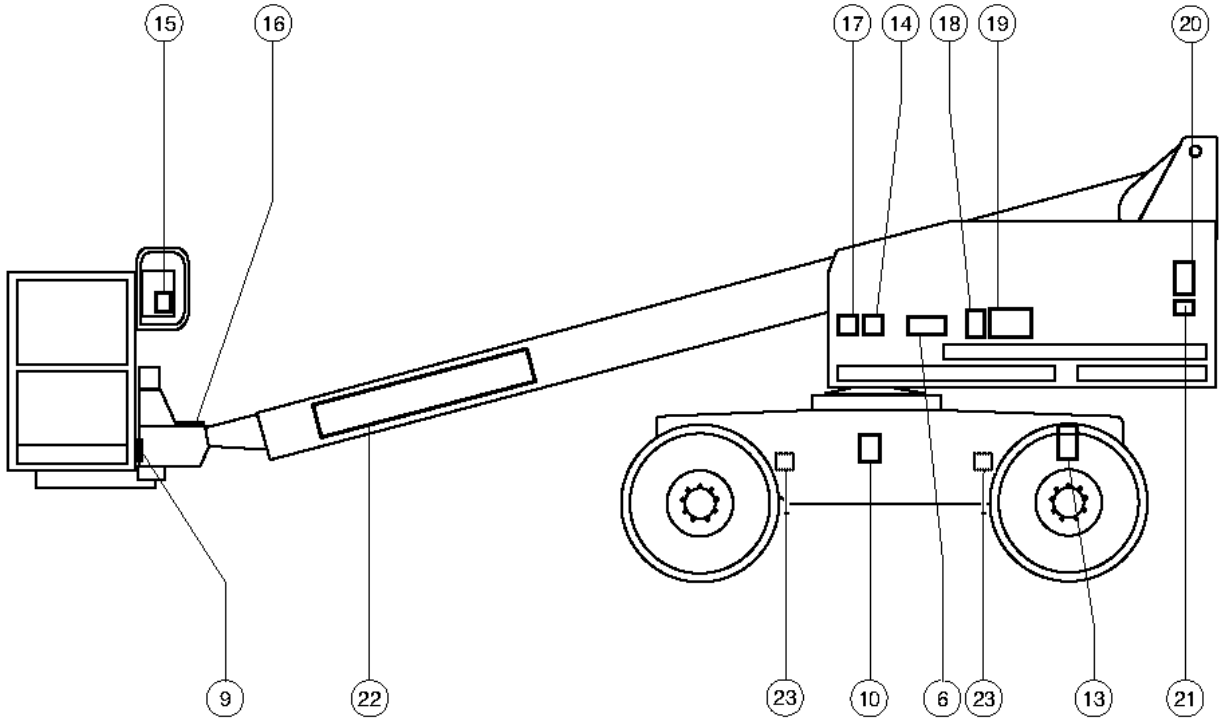
101.2 Decals - View 1

Item	Part No.	Description	Qty.
B-	229353GT	KIT,WHEEL LOAD DECAL S45 2ND Kit includes operator manual and decal part 226501	
C-	52055GT	DECAL KIT,INSTR,S40 GAS Gasoline/LPG models; kit does not include, from this figure, index numbers 3, 4, 5, 7, and 15	
D-	46198GT	DECAL KIT,INSTRUCT,S40 DIESEL Diesel models; kit does not include, from this figure, index numbers 3, 4, 5, 7, and 15	
1	28157GT	DECAL,USE DEXRON*** to SN 6456	1
1-	82366GT	DECAL,CHEVRON RANDO HD from SN 6457	1
2	28158GT	DECAL,LABEL,UNLEADED GAS ONLY	2
2-	28159GT	DECAL,DIESEL	2
3	43647GT	DECAL,NOTICE,OPER INST.IC***	1
4	72160GT	DECAL,GND CONT PNL,S45/S60/80	1
5	25994GT	DECAL,NOTICE,SHUTOFF VALVES	1
6	27564GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	2
7	52639GT	SERIAL NUMBER PLATE - S45	1
8	33503GT	DECAL, GENIE LOGO 14" LONG	1
9	28177GT	DECAL,WARN,CRUSH HAZARD PLAT	2
10	226499GT	DECAL,NOTICE,TIRE PRESSURE	4
10-	43595GT	DECAL,DANGER,TIP-OVER,TIRES*** Deluxe Hostile Environment models	4
11	43663GT	DECAL,NOTICE, FUNCTION ENABLE*	1
12	97890GT	DECAL,DANGER,GEN SAFETY RULES	1
13	28161GT	DECAL,WARN,CRUSH HAZARD HAND	2
14	28171GT	DECAL,DANGER,NO SMOKING ***	2
15	28235GT	DECAL,POWER TO PLATFORM 115V	1
15-	28174GT	DECAL,POWER TO PLATFORM 230V	1
16	28181GT	DECAL,WARN,FALL HAZARD	1
17	28160GT	DECAL,LABEL,LIQUID PROPANE	1
18	28164GT	DECAL,NOTICE,HAZARDOUS MAT'LS*	1
19	28175GT	DECAL,WARNING-COMPART ACCESS	1
20	49741GT	DECAL,NOTICE,FORD EFI ENG SPEC	1
20-	53037GT	DECAL,NOTICE,DEUTZ ENG SPEC	1

101.2 Decals - View 1



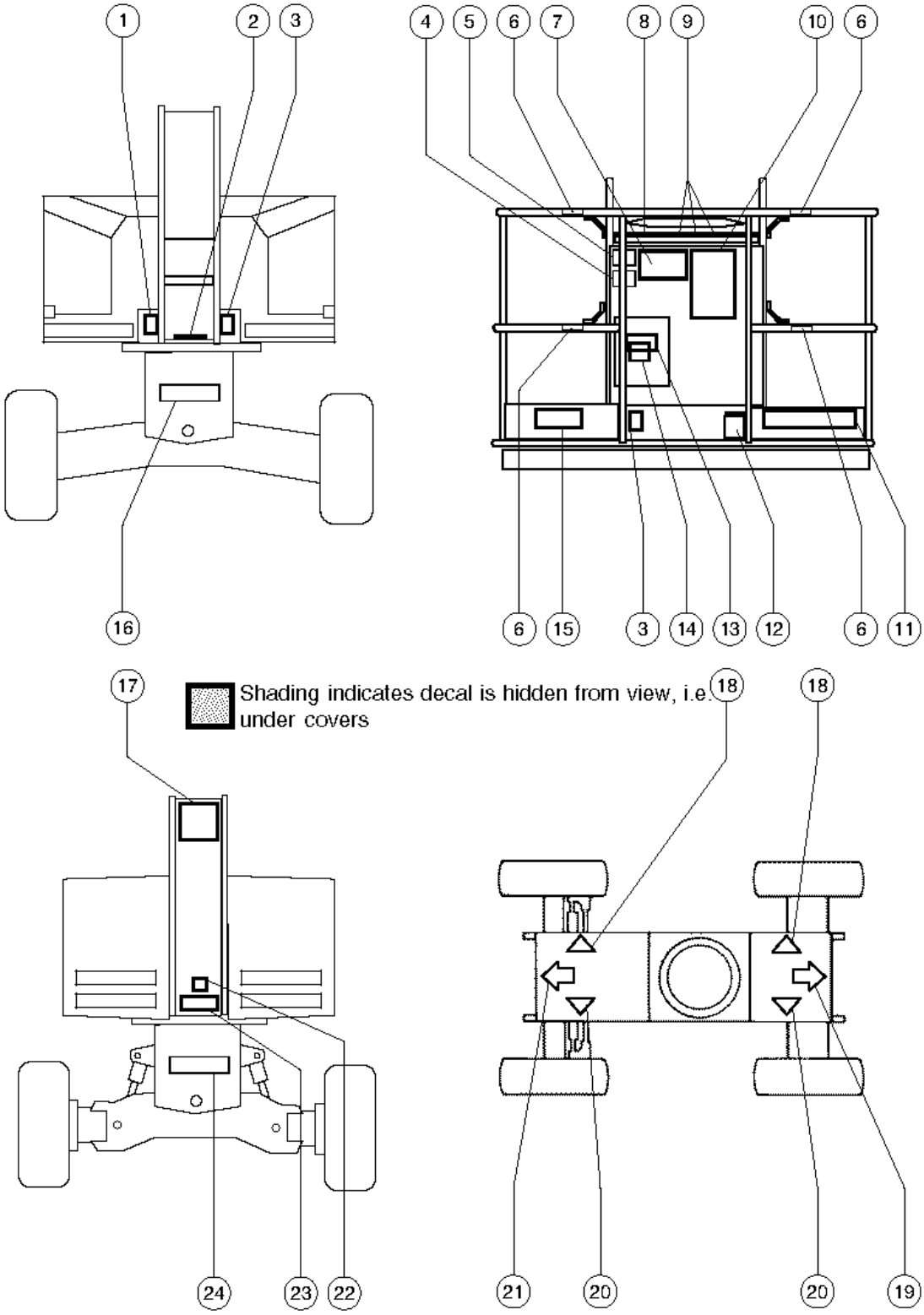
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101.2 Decals - View 1

Item	*Part No.*	*Description*	*Qty.*
20-	63461GT	DECAL, ENGINE SPEC, PERKINS	1
21	35599GT	DECAL,NOTICE,AIR INLET*** Deutz Diesel models	1
22	62074GT	DECAL,COSMETIC,GENIE S-45***	1
23	226501GT	DECAL,LABEL,WHEEL LOAD S-45	4

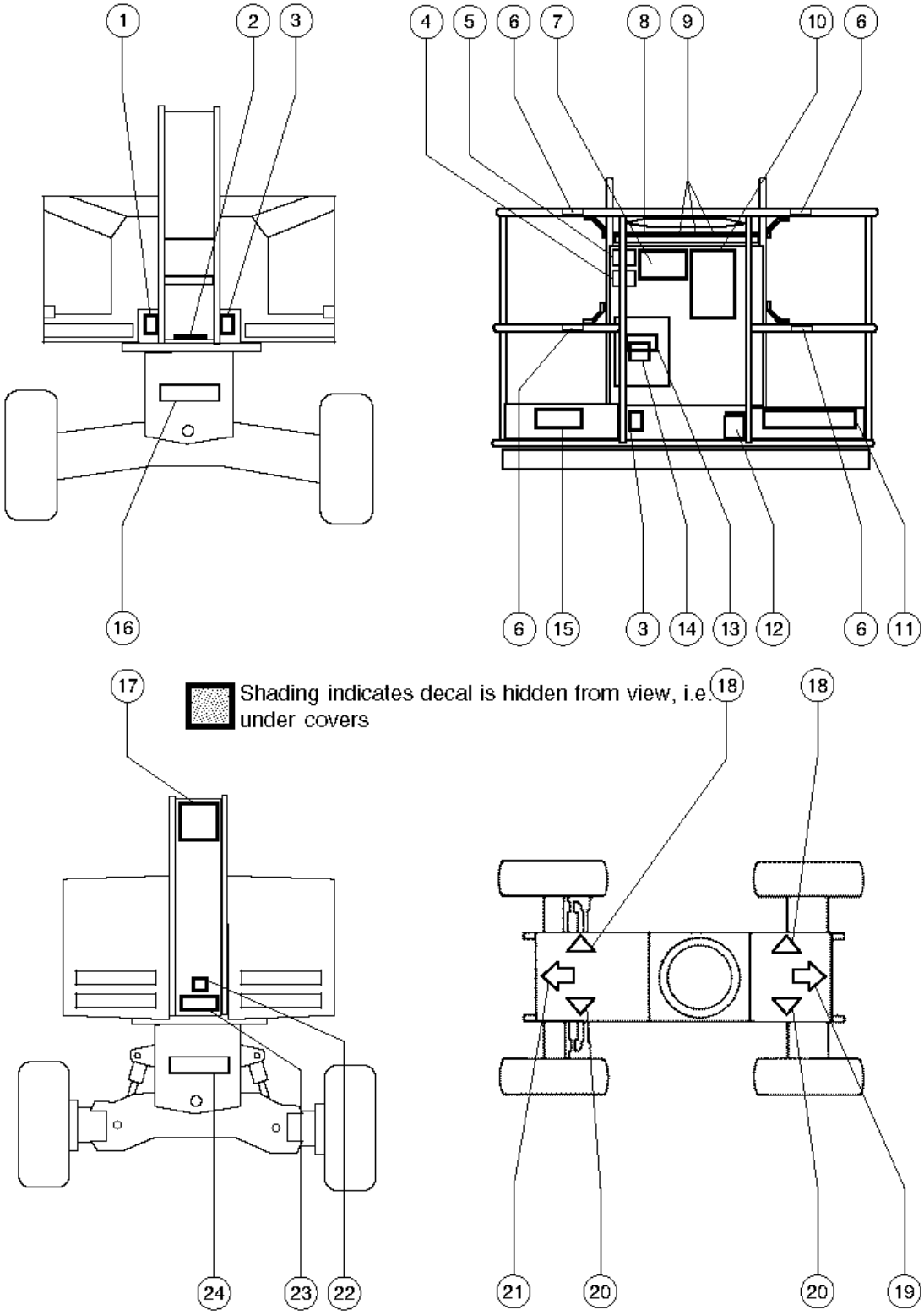
102.1 Decals - View 2



102.1 Decals - View 2

Item	Part No.	Description	Qty.
	52055GT	DECAL KIT,INSTR,S40 GAS Gasoline/LPG models; kit excludes, index numbers 1, 3, 4, 8, 9, and 15	
	46198GT	DECAL KIT,INSTRUCT,S40 DIESEL Diesel models; kit excludes, index numbers 1, 3, 4, 8, 9, and 15	
1	28235GT	DECAL,POWER TO PLATFORM 115V	1
1-	28174GT	DECAL,POWER TO PLATFORM 230V	1
2	28161GT	DECAL,WARN,CRUSH HAZARD HAND	1
3	44981GT	DECAL,LABEL,AIRLINE 110 PSI	2
4	43595GT	DECAL,DANGER,TIP-OVER,TIRES*** Deluxe Hostile Envirnoment models	1
5	33952GT	DECAL,DANGER,TILT ALARM	1
6	40434GT	DECAL,LANYARD ANCHORAGE POINT	4
7	43647GT	DECAL,NOTICE,OPER INST.IC***	1
8	32657GT	DECAL,PLATFORM CTRL PANEL*** to SN 1780	1
8-	32755GT	DECAL,PROTECT,CLEAR,PLAT.S40** to SN 1780	1
8A	52155GT	DECAL,PLATFORM CTRL,S40/S45 from SN 1781 to 4507	1
8A-	52250GT	DECAL,PROTCTR,CLEAR,PLATE,S40 from SN 1781 to 7180	1
8B	72164GT	DECAL,PLATFORM CTRL PANEL,S40 from SN 4508 to 7000	1
8B-	52250GT	DECAL,PROTCTR,CLEAR,PLATE,S40 from SN 1781 to 7180	1
8C	82469GT	DECAL,PLATFORM CONTROL PANEL from SN 7001 to 7180	1
8C-	52250GT	DECAL,PROTCTR,CLEAR,PLATE,S40 from SN 1781 to 7180	1
8D	82767GT	DECAL,PLATFORM CONTROL PANEL** from SN 7181 on	1
8D-	89836GT	DECAL,PROTCTR,CLEAR,PLATE* from SN 7181 on	1
9	32726GT	DECAL,OPTION GLOW PLUGS***	1
9-	133518GT	DECAL, PATCH, GEN,ALC-500	1
9-	44769GT	DECAL,LABEL,LFT/DRV SELECT	1
9-	72867GT	DECAL,LABEL,LIGHTS***	1
10	97890GT	DECAL,DANGER,GEN SAFETY RULES	1
11	30080GT	DECAL,NOTICE,MAX LOAD 500 LBS	1
12	28165GT	DECAL,INSTRUCT,FOOTSWITCH OPER	1
13	28236GT	DECAL,WARN,IMPROPER OPERATION	1

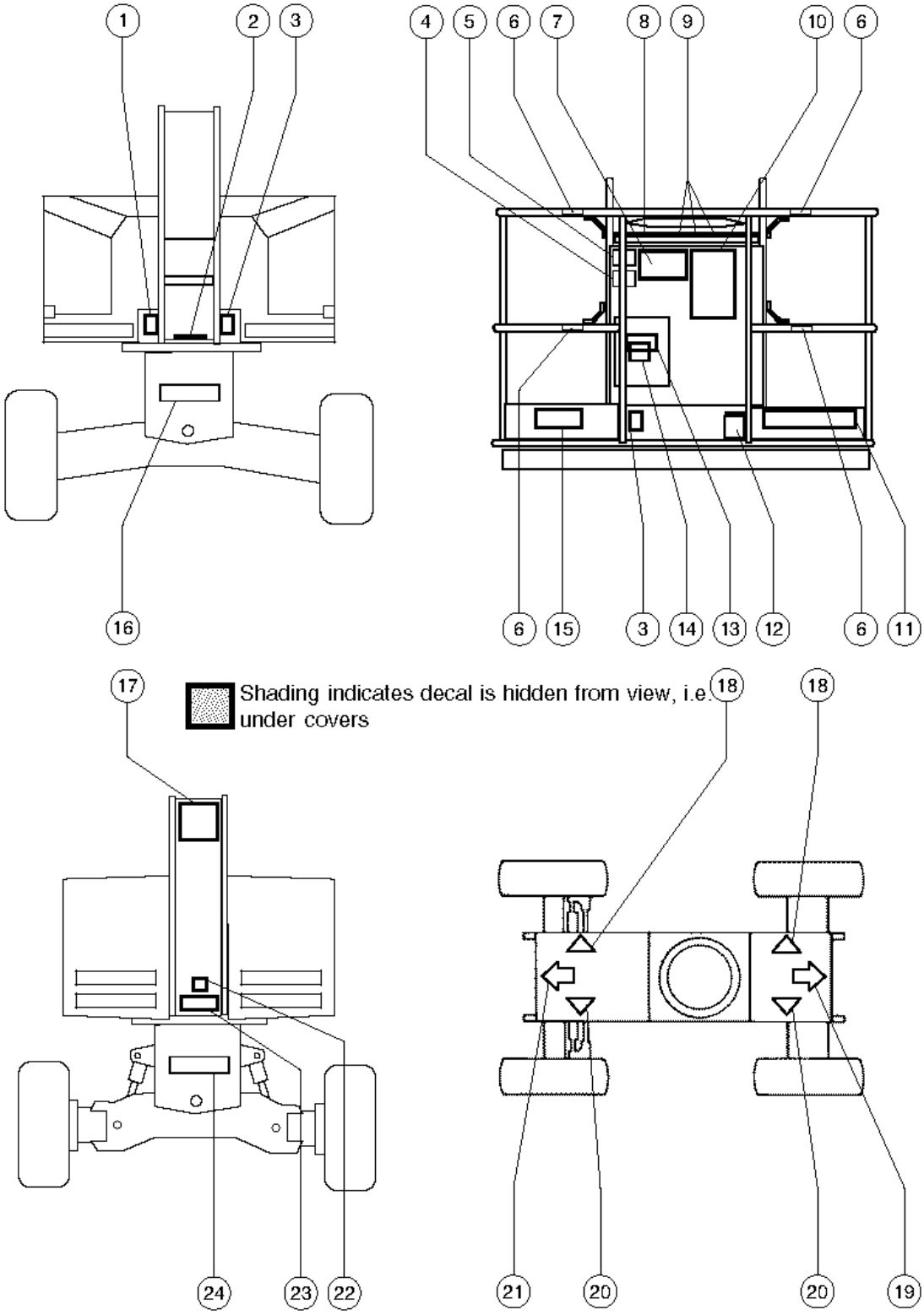
102.1 Decals - View 2



102.1 Decals - View 2

Item	Part No.	Description	Qty.
14	28176GT	DECAL,LABEL,MANUAL NOT HERE	1
15	97887GT	DECAL,INSTR,MAX SIDE FRC,ANSI ANSI and CSA Models	1
15-	44986GT	DECAL,INSTR,SIDE FRC/WIND,AUS CE Models	1
16	62073GT	DECAL,COSMETIC,S40	1
17	62959GT	DECAL,COSMETIC,S40,10"	1
18	27207GT	DECAL,TRIANGLE,YELLOW	2
19	27205GT	DECAL,ARROW YELLOW LRG 9"	1
20	27206GT	DECAL,TRIANGLE,BLUE	2
21	27204GT	DECAL,ARROW BLUE	1
22	31060GT	DECAL,DANGER DO NOT ALTER SWTC	1
23	27564GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	1
24	52967GT	DECAL,COSMETIC,4 X 4	1
24-	52966GT	DECAL,COSMETIC,4 X 2	1

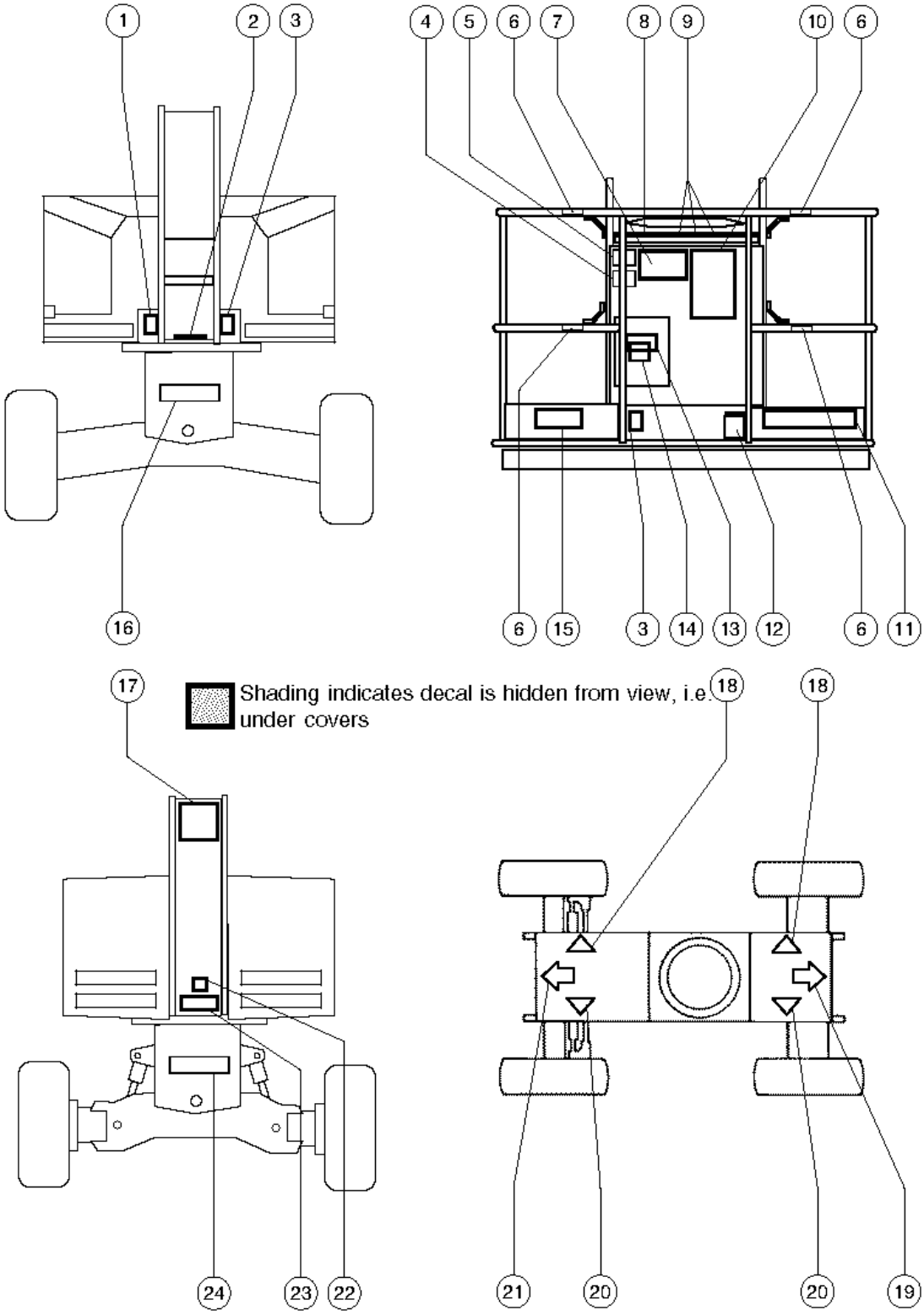
102.2 Decals - View 2



102.2 Decals - View 2

Item	Part No.	Description	Qty.
	52055GT	DECAL KIT,INSTR,S40 GAS Gasoline/LPG models; kit excludes, index numbers 1, 3, 4, 8, 9, and 15	
	46198GT	DECAL KIT,INSTRUCT,S40 DIESEL Diesel models; kit excludes, index numbers 1, 3, 4, 8, 9, and 15	
1	28235GT	DECAL,POWER TO PLATFORM 115V	1
1-	28174GT	DECAL,POWER TO PLATFORM 230V	1
2	28161GT	DECAL,WARN,CRUSH HAZARD HAND	1
3	44981GT	DECAL,LABEL,AIRLINE 110 PSI	2
4	43595GT	DECAL,DANGER,TIP-OVER,TIRES*** Deluxe Hostile Envirnoment models	1
5	33952GT	DECAL,DANGER,TILT ALARM	1
6	40434GT	DECAL,LANYARD ANCHORAGE POINT	4
7	43647GT	DECAL,NOTICE,OPER INST.IC***	1
8	72164GT	DECAL,PLATFORM CTRL PANEL,S40 from SN 4508	1
8-	52155GT	DECAL,PLATFORM CTRL,S40/S45 to SN 4507	1
8-	52250GT	DECAL,PROTCTR,CLEAR,PLATE,S40	1
8-	82242GT	DECAL,LABEL,FUEL SELECT PATCH	1
9	32726GT	DECAL,OPTION GLOW PLUGS***	1
9-	133518GT	DECAL, PATCH, GEN,ALC-500	1
9-	44769GT	DECAL,LABEL,LFT/DRV SELECT	1
9-	72867GT	DECAL,LABEL,LIGHTS***	1
10	97890GT	DECAL,DANGER,GEN SAFETY RULES	1
11	30080GT	DECAL,NOTICE,MAX LOAD 500 LBS	1
12	28165GT	DECAL,INSTRUCT,FOOTSWITCH OPER	1
13	28236GT	DECAL,WARN,IMPROPER OPERATION	1
14	28176GT	DECAL,LABEL,MANUAL NOT HERE	1
15	97887GT	DECAL,INSTR,MAX SIDE FRC,ANSI ANSI and CSA Models	1
15-	44986GT	DECAL,INSTR,SIDE FRC/WIND,AUS CE Models	1
16	62075GT	DECAL,COSMETIC,S-45	1
17	62960GT	DECAL,COSMETIC,S45,10"	1
18	27207GT	DECAL,TRIANGLE,YELLOW	2

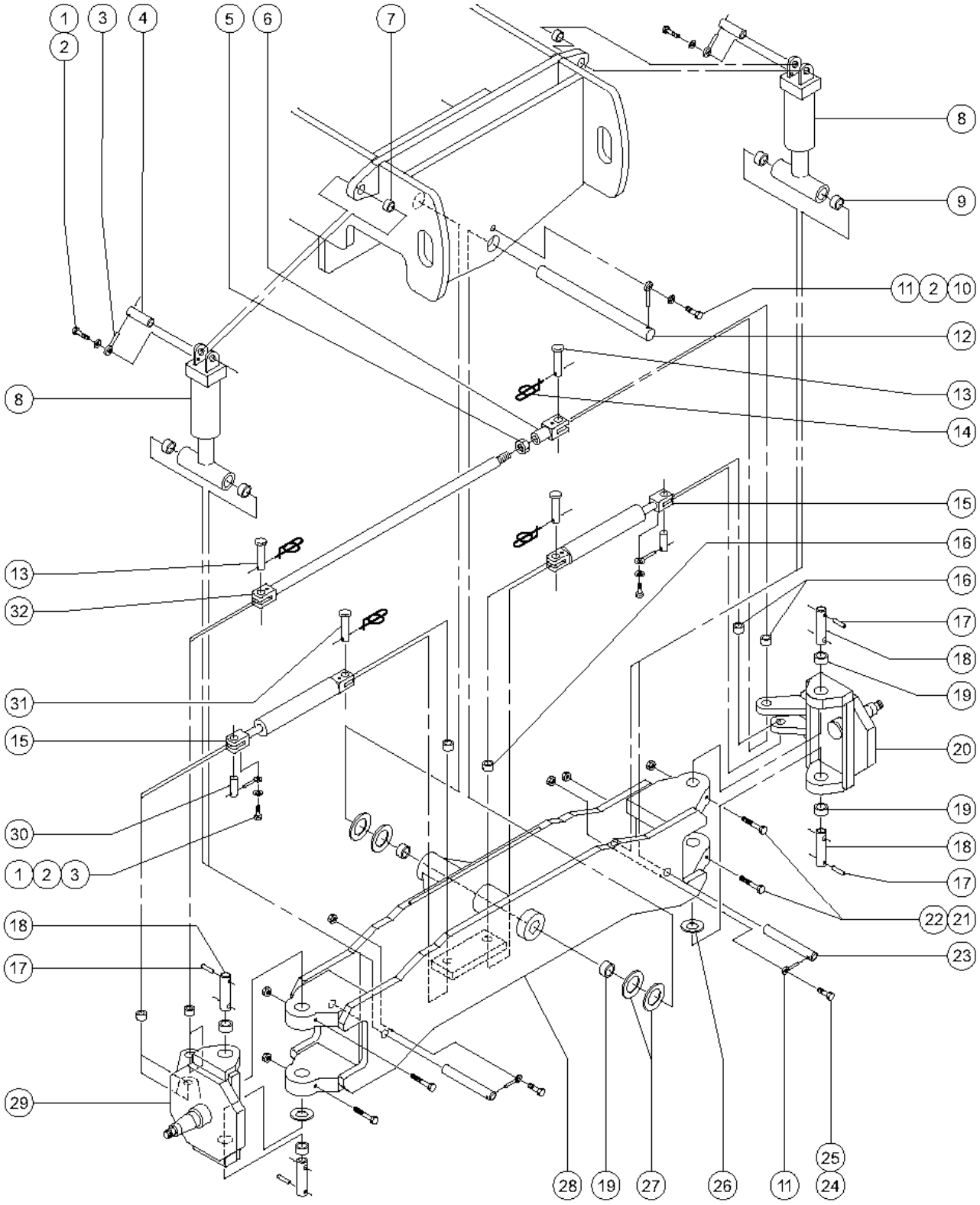
102.2 Decals - View 2



102.2 Decals - View 2

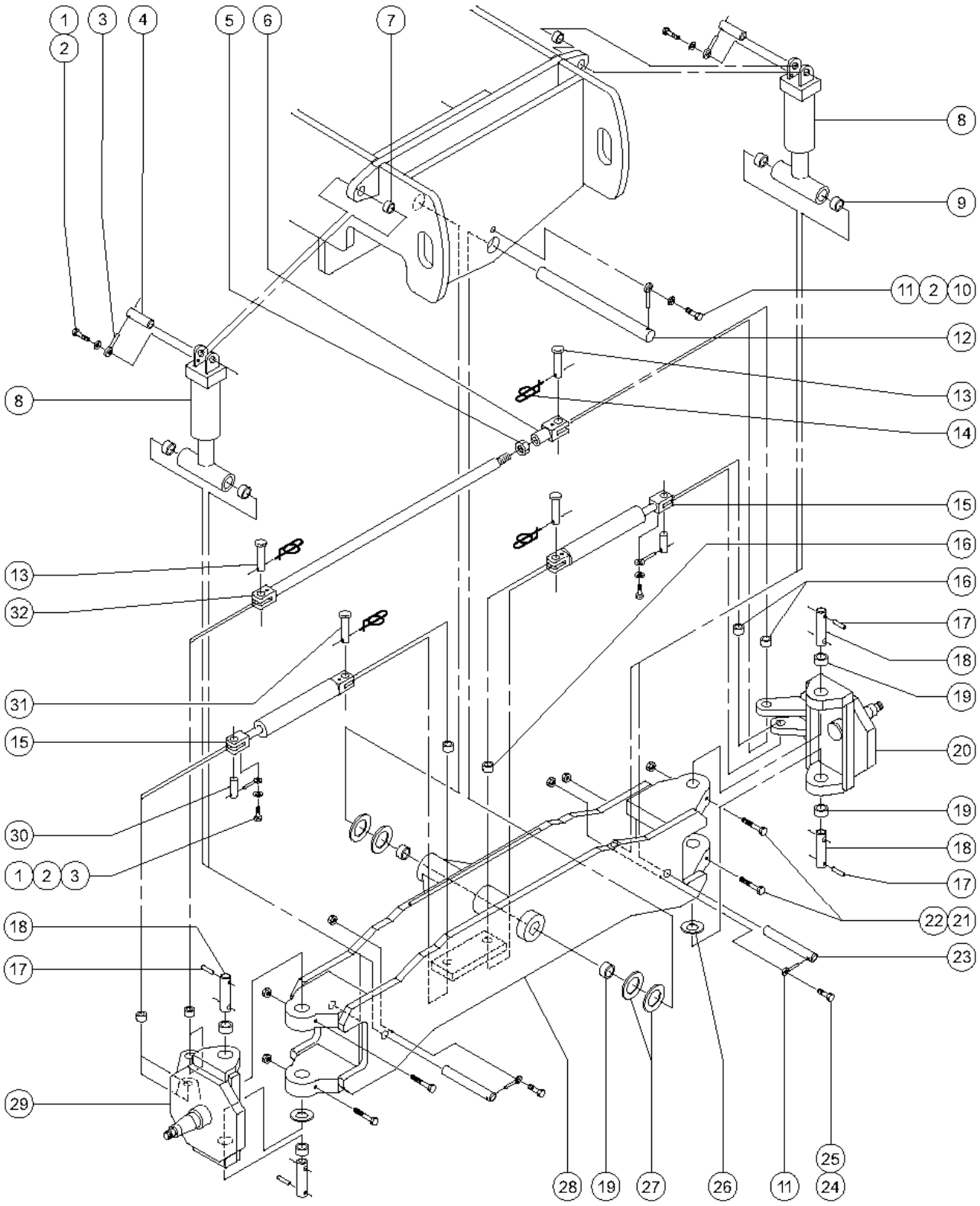
Item	Part No.	Description	Qty.
19	27205GT	DECAL,ARROW YELLOW LRG 9"	1
20	27206GT	DECAL,TRIANGLE,BLUE	2
21	27204GT	DECAL,ARROW BLUE	1
22	31060GT	DECAL,DANGER DO NOT ALTER SWTC	1
23	27564GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	1
24	52967GT	DECAL,COSMETIC,4 X 4	1
24-	52966GT	DECAL,COSMETIC,4 X 2	1

201.1 2WD Steer Axle Linkage - Oscillating Models



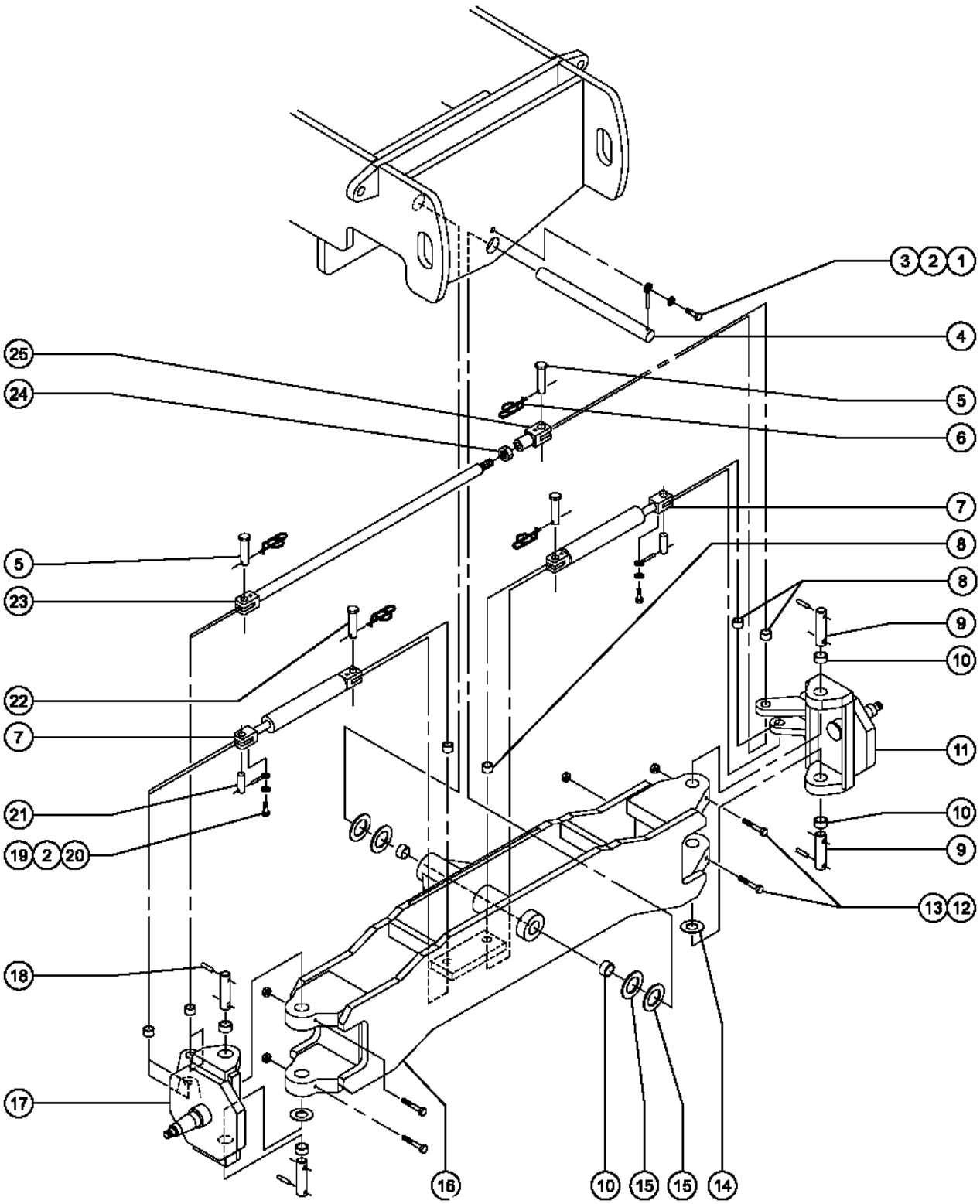
Item	Part No.	Description	Qty.
1	8255GT	SCREW,HHC,3/8-16 X .75	8
2	6021GT	WASHER, LOCK, .375	9
3	1255452GT	ROD END,.375 X 2.25,ZAG	8
4	30737GT	PIN,1.25DIAX3.00LG,1HOLE	2
5	28352GT	NUT,HEX,JAM,1-8	1
6	23154-SGT	WELDMENT,ROD END	1
7	30370GT	BEARING,1.25IDX1.5ODX1.00L	2
8	89099GT	CYLINDER,OSCILLATE S40/45 includes 2 each index number 9	2
8-	89100GT	SEAL KIT,OSC.CYL.S40/S45,89099	
8-	59050GT	SEAL KIT,2.5" BORE,1.5" ROD*** for hydraulic cylinder number 59102	
8-	31106GT	VALVE,CNTERBAL,CBBB-LHN@3000**	2
9	59266GT	BEARING, POLYGON P2055 (59105)	4
10	6175GT	SCREW,HHC,3/8-16 X 1	1
11	825019GT	ROD END, .375X3.69, ZAG	3
12	30735GT	PIN, 1.50DIAX17.50LG, CHAMFER	1
13	30734GT	PIN,1.00DIAX2.88LG,1HOLE to SN 5453	2
13-	19440GT	PIN,CLEVIS,1 X 2.5 LG from SN 5454	2
14	1255452GT	ROD END,.375 X 2.25,ZAG to SN 5453	4
14-	74389GT	RUE RING 1.00 from SN 5454	4
15	1305757GT	CYLINDER, STEER	2
15-	58116GT	UPDATE KIT STEERING S40/45 must use for first time replacement of hydraulic cylinder number 30585	
15-	89066GT	SEAL KIT,STEER CYL (89065) for hydraulic cylinder number 1305757	
15-	32673GT	SEAL KIT (CYL PN 30585) for hydraulic cylinder number 30585	
15-	59076GT	SEAL KIT,2.0" BORE CYLINDERS** for hydraulic cylinder number 59036	
15-	59169GT	SEAL KIT,2" BORE,1" ROD*** for hydraulic cylinder number 59297 and 59303	
16	25817GT	BEARING,1.00IDX1.25ODX1.00L	6
17	14815GT	PIN,ROLL,SST,.25 X 2.25	4
18	53081GT	PIN,1.50DIAX4.76LG,2HOLE	4

201.1 2WD Steer Axle Linkage - Oscillating Models



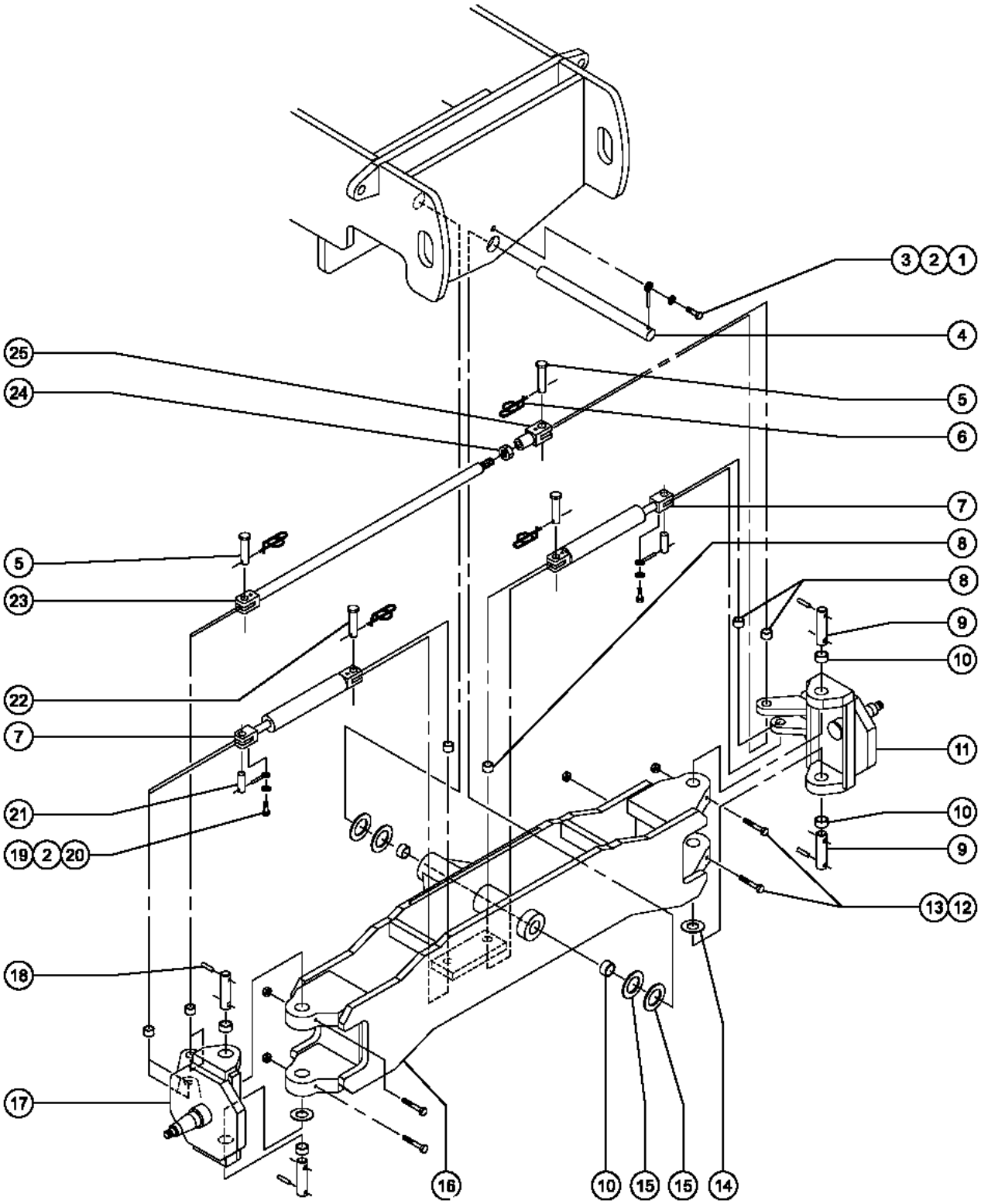
Item	Part No.	Description	Qty.
19	119619GT	BEARING,1.5IDX1.75ODX1.5L,PTFE	6
20	65515GT	YOKE ASSEMBLY 2WD S40 LEFT includes 2 each index numbers 16 and 19	1
21	8220GT	SCREW,HHC,1/2-13 X 4	4
22	6086GT	NUT,LP NYLOCK,1/2-13	4
23	30190GT	PIN,1.25DIAX7.25LG,1HOLE	2
24	6708GT	SCREW,HHC,3/8-16 X 2.25	2
25	4828GT	NUT, NYLOCK, 3/8-16	2
26	45074GT	WASHER,THRUST,1.5 X 3.5 X .187	2
27	1256117GT	WASHER,SHIM,1.56X3.5X.061,ZAG	4
28	102192-SGT	WELDMENT,FRT AXLE OSC,ASSY includes 2 each index numbers 16 and 19	1
29	65516GT	YOKE ASSEMBLY 2WD S40 RIGHT includes 2 each index numbers 16 and 19	1
30	30734GT	PIN,1.00DIAX2.88LG,1HOLE	2
31	53613GT	PIN, 3.50" X 1.00" to SN 5453	2
31-	32399GT	PIN,CLEVIS,1 X 3 LG. from SN 5454	2
32	30747GT	TIE ROD, WELDMENT	1
32-	63155GT	WELDMENT,TIE ROD	1

202.1 2WD Steer Axle Linkage - Non-oscillating Models



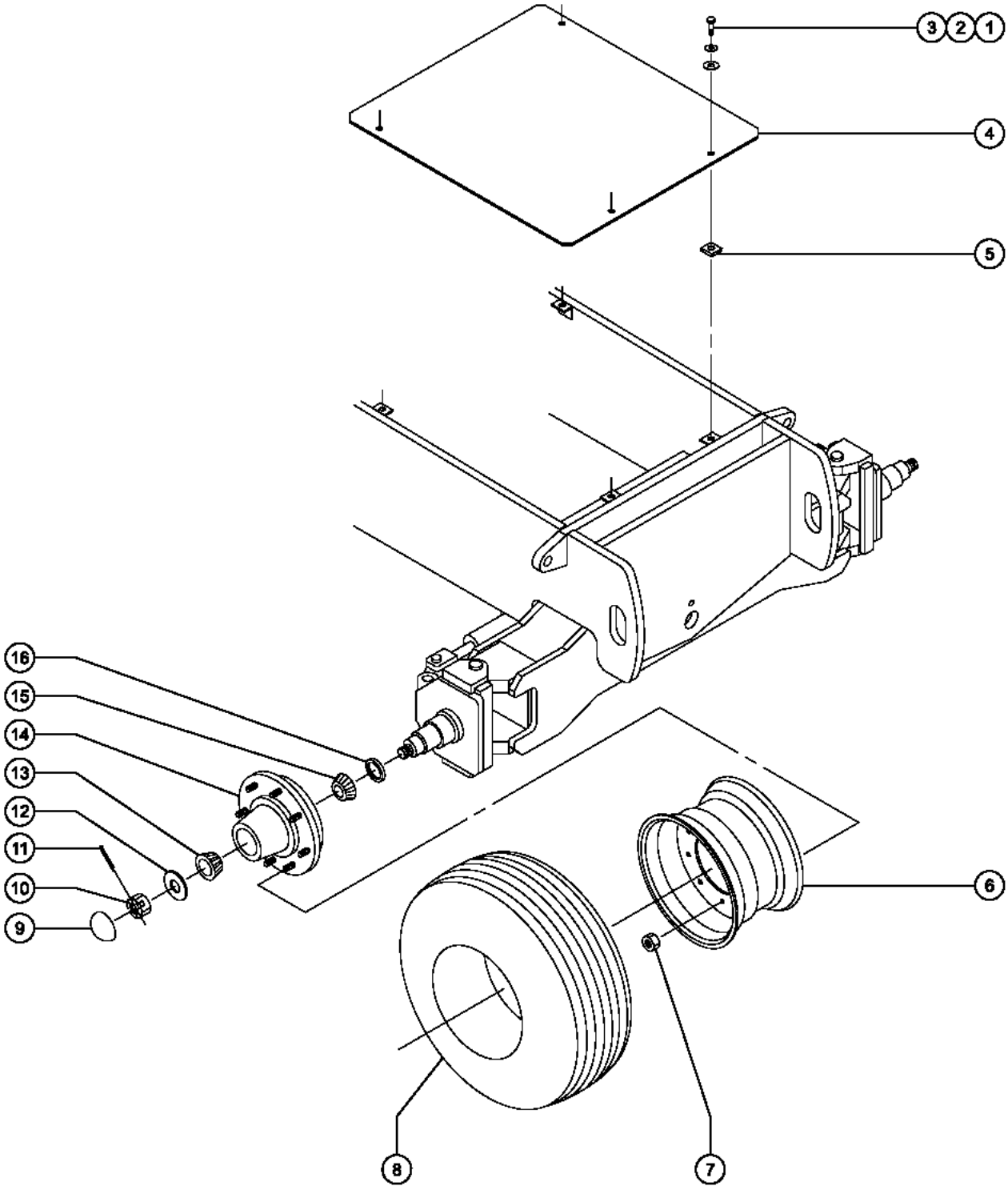
Item	Part No.	Description	Qty.
1	6175GT	SCREW,HHC,3/8-16 X 1	1
2	6021GT	WASHER, LOCK, .375	7
3	825019GT	ROD END, .375X3.69, ZAG	1
4	30735GT	PIN, 1.50DIAX17.50LG, CHAMFER	1
5	30734GT	PIN,1.00DIAX2.88LG,1HOLE to SN 5453	2
5-	19440GT	PIN,CLEVIS,1 X 2.5 LG from SN 5454	2
6	1255452GT	ROD END,.375 X 2.25,ZAG to SN 5453	4
6-	74389GT	RUE RING 1.00 from SN 5454	4
7	1305757GT	CYLINDER, STEER	2
7-	58116GT	UPDATE KIT STEERING S40/45 must use for first time replacement of hydraulic cylinder number 30585	
7-	89066GT	SEAL KIT,STEER CYL (89065) for hydraulic cylinder number 1305757	
7-	32673GT	SEAL KIT (CYL PN 30585) for hydraulic cylinder number 30585	
7-	59076GT	SEAL KIT,2.0" BORE CYLINDERS** for hydraulic cylinder number 59036	
7-	59169GT	SEAL KIT,2" BORE,1" ROD*** for hydraulic cylinder number 59297 and 59303	
8	25817GT	BEARING,1.00IDX1.25ODX1.00L	6
9	53081GT	PIN,1.50DIAX4.76LG,2HOLE	4
10	119619GT	BEARING,1.5IDX1.75ODX1.5L,PTFE	6
11	65515GT	YOKE ASSEMBLY 2WD S40 LEFT includes 2 each index numbers 8 and 10	1
12	8220GT	SCREW,HHC,1/2-13 X 4	4
13	6086GT	NUT,LP NYLOCK,1/2-13	4
14	45074GT	WASHER,THRUST,1.5 X 3.5 X .187	2
15	1256117GT	WASHER,SHIM,1.56X3.5X.061,ZAG	4
16	32652-SGT	Steer Axle Assembly - Non-oscillating includes 2 each index numbers 8 and 10	1
17	65516GT	YOKE ASSEMBLY 2WD S40 RIGHT includes 2 each index numbers 8 and 10	1
18	14815GT	PIN,ROLL,SST,.25 X 2.25	2
19	8255GT	SCREW,HHC,3/8-16 X .75	2
20	1255452GT	ROD END,.375 X 2.25,ZAG	2
21	30734GT	PIN,1.00DIAX2.88LG,1HOLE	2

202.1 2WD Steer Axle Linkage - Non-oscillating Models



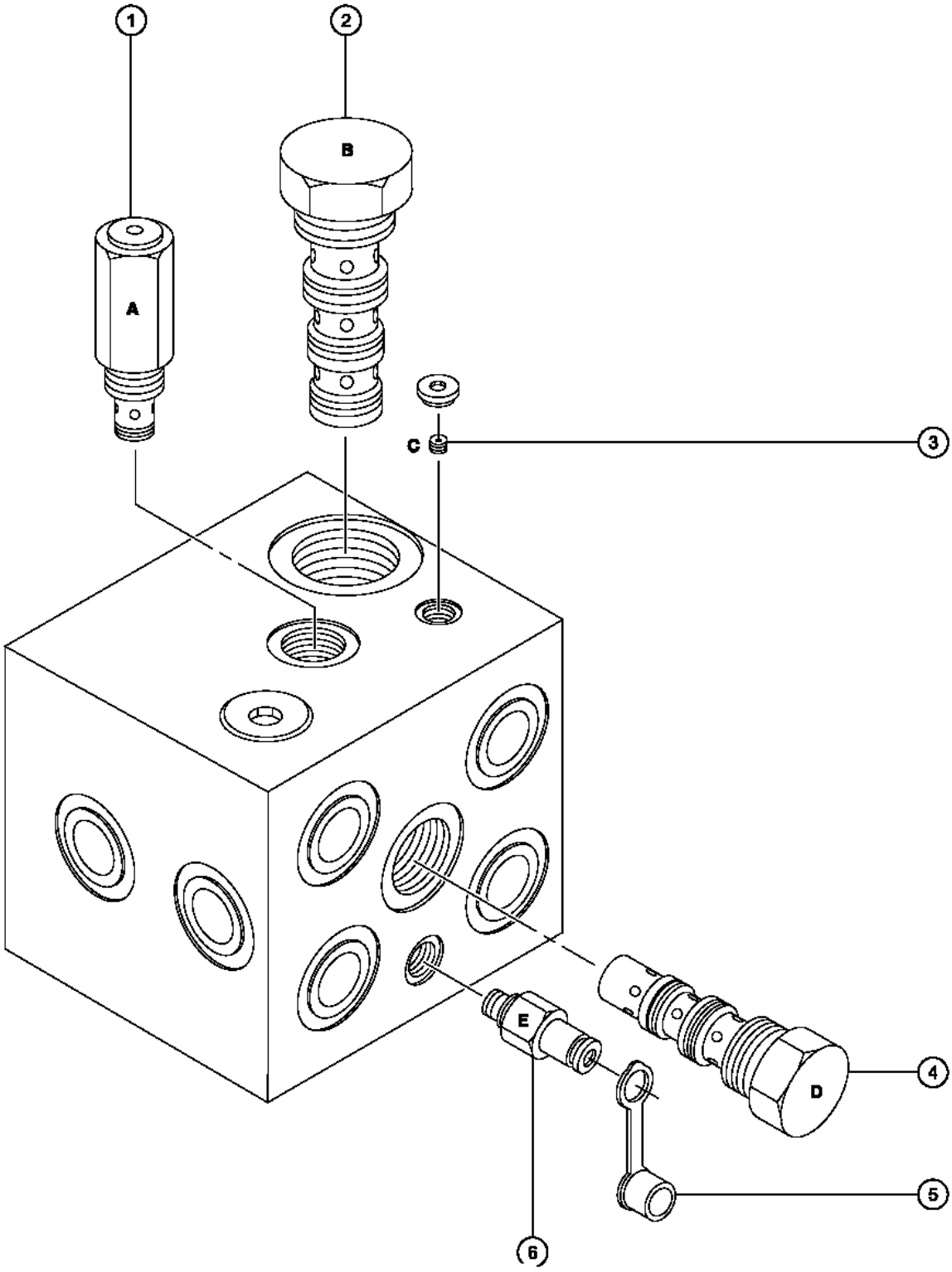
Item	*Part No.*	*Description*	*Qty.*
22	53613GT	PIN, 3.50" X 1.00" to SN 5453	2
22-	32399GT	PIN,CLEVIS,1 X 3 LG. from SN 5454	2
23	30747GT	TIE ROD, WELDMENT	1
23-	63155GT	WELDMENT,TIE ROD	1
24	28352GT	NUT,HEX,JAM,1-8	1
25	23154-SGT	WELDMENT,ROD END	1

203.1 2WD Steer Axle - Wheels and Hubs



Item	Part No.	Description	Qty.
1	6090GT	SCREW, HHC, 1/4-20 X .75	4
2	6356GT	WASHER,LOCK,.25	4
3	6638GT	WASHER, FLAT, USS, 1/4"Y	4
4	32676GT	COVR W/DECLS,DR.CHAS.STR.END to SN 2872	1
4-	102278GT	CVR ASSY W/DECALS,DRV CHASS ST from SN 2873	1
5	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	4
6	73199GT	WHEEL, 16X10 (8 hole)	2
7	54627GT	NUT,LUG,5/8-18 X 90 DEGREE,Z45	16
8A	73198GT	TIRE & WHEEL ASSY (COMMENTS!)* Industrial, Air-filled (includes item 6) (8 hole)	2
8A-	73200GT	TIRE,IMPLEMENT,12.5-16SL,14PR for 73198	
8B	73764GT	TIRE & WHEEL ASSY. FOAM Industrial, Foam-filled (8 hole)	
9	45111GT	CAP,DUST,45873 HUB KIT	2
10	45113GT	NUT,SPINDLE,1-14	2
11	45114GT	PIN,COTTER,.219 X 1.75	2
12	45112GT	WASHER,SPINDLE	2
13	45108GT	OUTER CONE - MODEL 60-8 small bearing race not included	2
13A	40146GT	BEARING RACE (SMALL) (45873) outer cone not included	2
14	45043GT	HUB ASSEMBLY MODEL#60-8*** includes index numbers 9, 13, 15, 16 and races	2
14-	40145GT	BEARING RACE (LARGE) (45873) inner cone not included	2
14-	40146GT	BEARING RACE (SMALL) (45873) outer cone not included	2
14-	21166GT	LUG BOLT,5/8-18,WHEEL HUB***	6
15	45107GT	INNER CONE - MODEL 60-8 large bearing race not included	2
15A	40145GT	BEARING RACE (LARGE) (45873) inner cone not included	2
16	45110GT	SEAL-GREASE,MODEL 60-8	2
16-	45873GT	SEAL/BEARING KIT (45043,54840) includes index numbers 9 through 13, 15, 16 and races	2

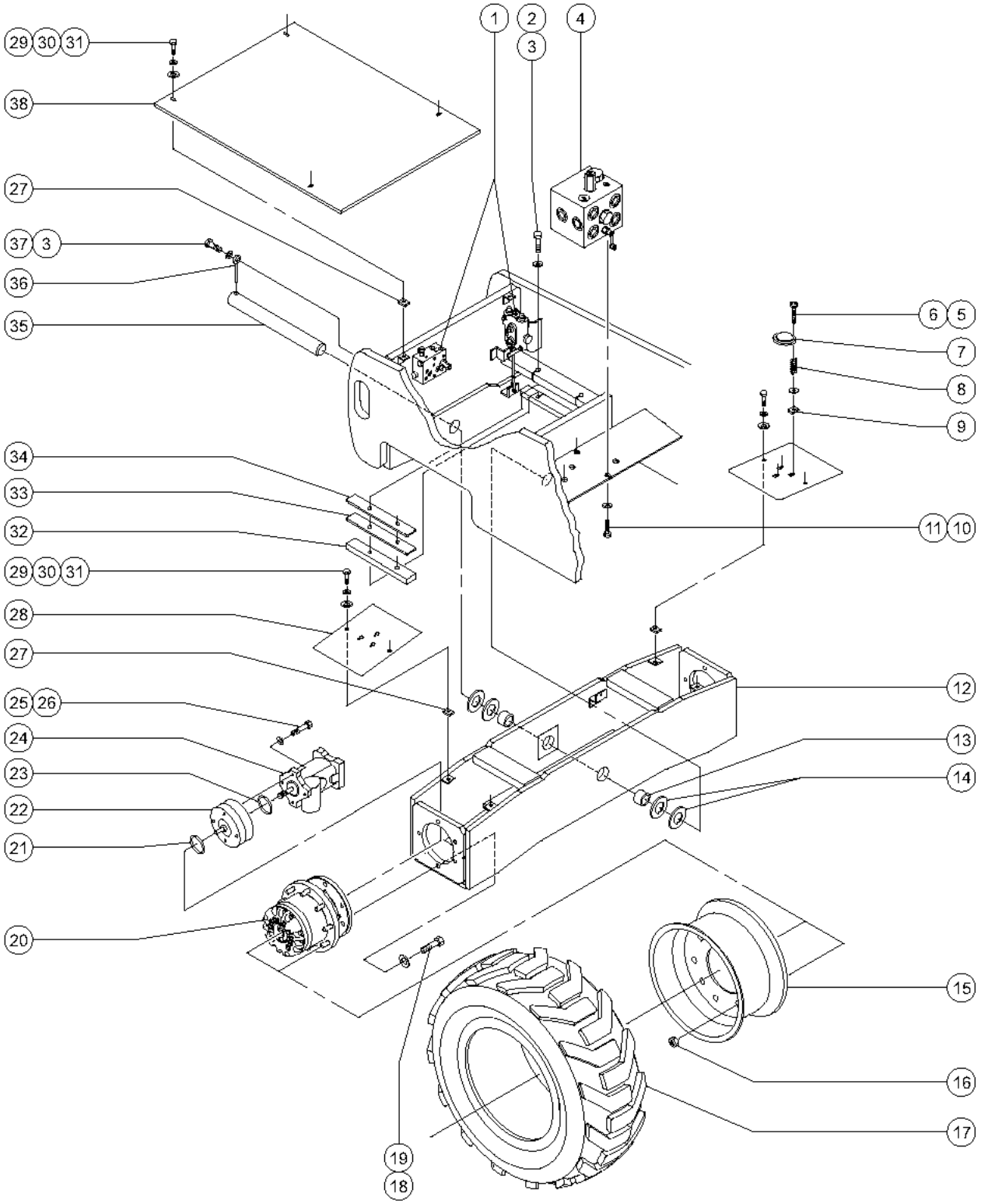
204.1 2WD Drive Manifold



204.1 2WD Drive Manifold

Item	Part No.	Description	Qty.
	34448GT	TRACTION MANIFOLD,2WD*** ..... includes index numbers 1 through 4	
	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	43597GT	VALVE,RELIEF,210 PSI	1
2	52726GT	VALVE,FLOW DIVIDER/COMBINER	1
3	33520GT	PLUG,ORIFICE,0.070	1
4	27761GT	VALVE,SHUTTLE	1
5	48880GT	CAP,DIAGNOSTIC NIPPLE	1
6	48997GT	NIPPLE,DIAGNOSTIC,#4	1
6-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	1
A		Relief Valve ..... Charge Pressure Circuit	
B		Flow Divider/Combiner ..... Controls Flow to Drive Motors in Forward and Reverse	
C		Orifice Plug ..... Drive Circuit	
D		Shuttle Valve, 3 position 3 way ..... Charge Pressure, Hot Oil Shuttle	
E		Diagnostic Fitting ..... Testing	

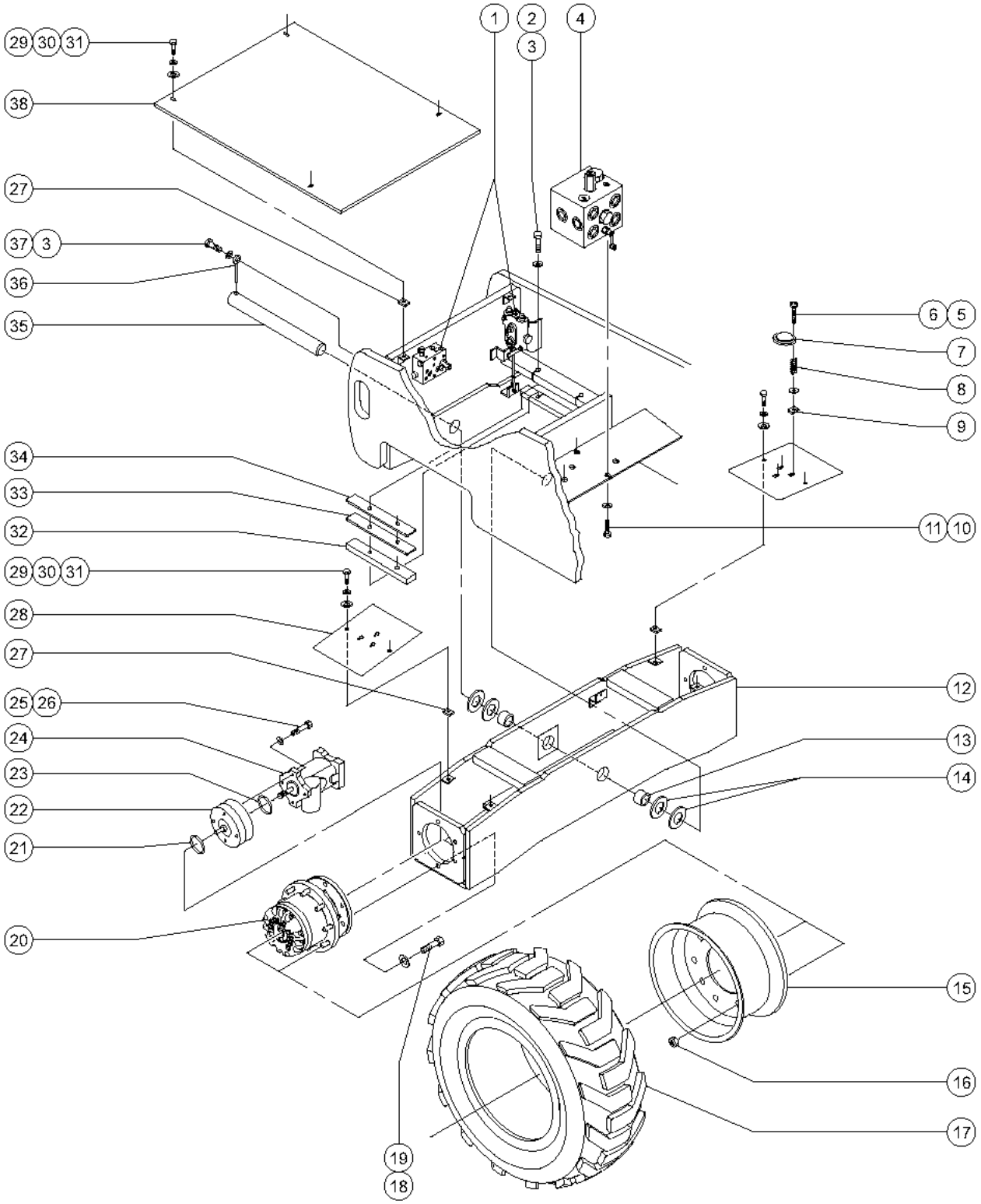
205.1 2WD Non-steer Axle



205.1 2WD Non-steer Axle

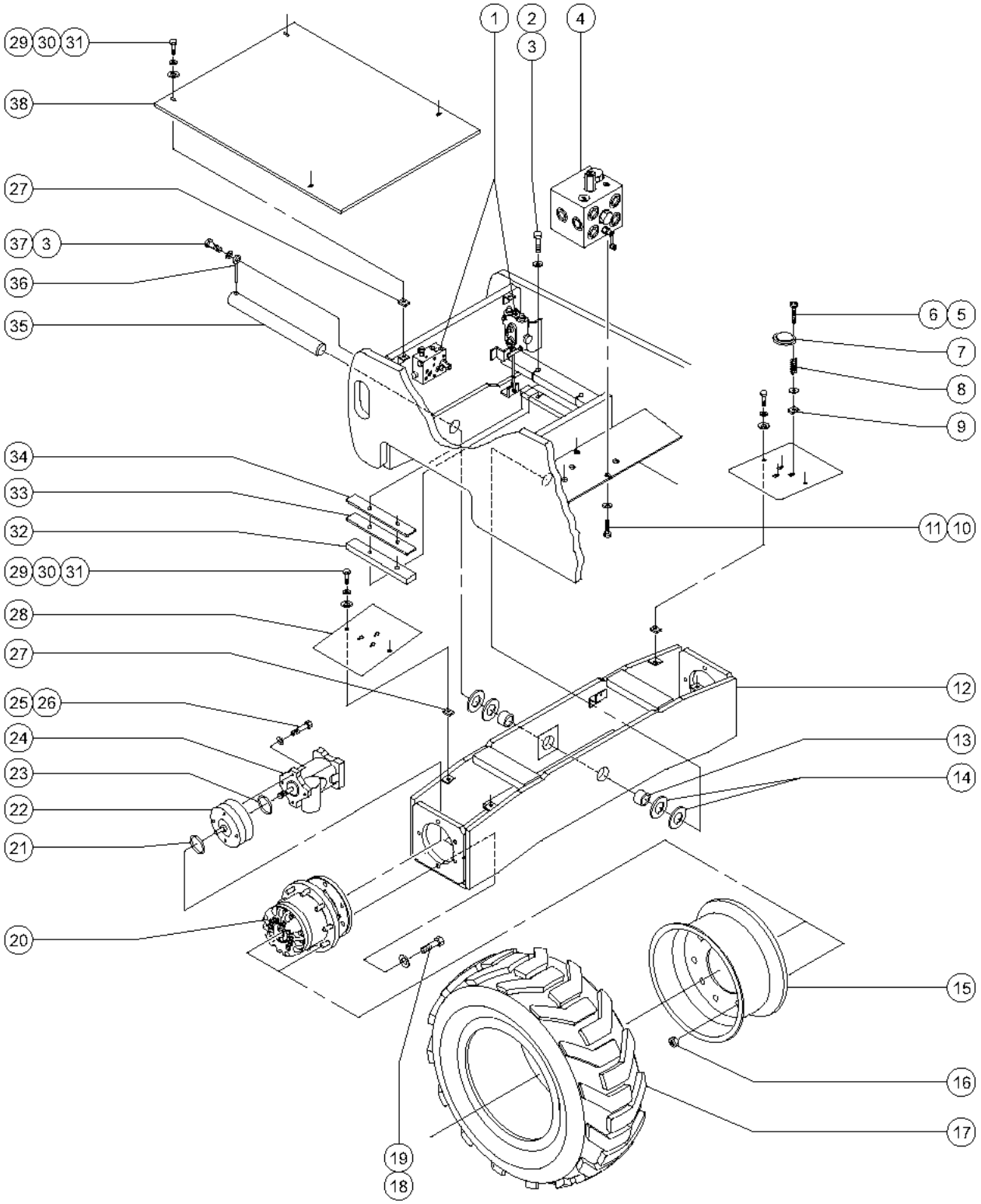
Item	Part No.	Description	Qty.
1		Ref. Oscillation Manifold and Control Valve (refer to Figure 2-F)	1
2	6096GT	SCREW,HHC,1/2-13 X 2 GR5	4
3	6021GT	WASHER, LOCK, .375	5
4	34448GT	TRACTION MANIFOLD,2WD***	1
5	73634GT	SCREW,PHIL,PHM,10-24X1.5 ZINC	3
6	6146GT	WASHER,FLAT,MS,#10,Y	3
7	77026GT	LEVEL,BUBBLE,2 DEGREE * European models	1
8	77027GT	SPRING,1X.31 ODX.040WIRE,SS	3
9	73575GT	SPRING CLIP,10-24,.025-.125X.468,ZAG	3
10	8177GT	SCREW,HHC,1/2-13 X 1.5	2
11	6033GT	WASHER,LOCK,0.5"	2
12	32653GT	NON-STEER AXLE ASSY,S40 includes index number 13	1
13	18396GT	BEARING,1.5IDX1.75ODX1.0L	2
14	1256117GT	WASHER,SHIM,1.56X3.5X.061,ZAG	4
15	122348GT	WHEEL, 16.5 X 9.75 S40 (9 hole)	2
16	54627GT	NUT,LUG,5/8-18 X 90 DEGREE,Z45	18
17	1271439GT	TIRE/WHEEL ASSY,RH,12-16.5/10PR,AIR RT, Air-filled, right (includes item 15) (9 hole)	1
17A	1271438GT	TIRE/WHEEL ASSY,LH,12-16.5/10PR,AIR RT, Air-filled, left (includes item 15) (9 hole)	1
17A-	1271437GT	TIRE,12-16.5/10PR S40 HAULER for 1271439, 1271438	
17A-	122348GT	WHEEL, 16.5 X 9.75 S40	
17B	1271441GT	TIRE/WHEEL ASSY,RH,12-16.5/10PR,FOAM RT, Foam-filled, right (9 hole)	2
17B	1271440GT	TIRE/WHEEL ASSY,LH,12-16.5/10PR,FOAM RT, Foam-filled, left (9 hole)	2
18	45495GT	SCREW,SHC,5/8-11 X 3.00,A574 to SN 5369	12
18-	13004GT	SCREW,HHC,5/8-11 X 3 GRD.8 from SN 5370	12
19	56911GT	WASHER,FLAT,.688X1.160X.09	12
20	20193GT	TORQUE HUB,35:1*** (Seal Kit 1286606, Bearing Kit 1286607)	2
20	21143GT	BEARING KIT (45553) TORQUE HUB for 20193 (inventory limited to stock on hand as component is no longer available)	
20-	1286607GT	BEARING KIT,TORQUE HUB (20193) for 20193	

205.1 2WD Non-steer Axle



Item	Part No.	Description	Qty.
20-	1286606GT	SEAL KIT,TORQUE HUB (20193)	
20-	1286606GT	SEAL KIT,TORQUE HUB (20193) for 20193	
20-	21149GT	LUG,WHEEL STUD,5/8-18,W1/4HB**	2
20-	21143GT	BEARING KIT (45553) TORQUE HUB	2
20-	37097GT	O-RING, TORQUE HUB included in Seal Kit part number 21142	2
20-	21148GT	WASHER,THRUST,TORQUE HUB	2
20-	21146GT	COVER CAP,TORQUE HUB***	2
20-	21144GT	CAP,DISENGAGE-45553 TORQUE HUB	2
20-	21145GT	DISCONNECT ROD-45553 TQ.HUB	2
20-	58438GT	KIT,COVER,TORQUE HUB,45553***	2
20-	58459GT	THRUST CAP (20193)	
21	52087GT	O-RING,2-044 BUNA***	2
22	41912GT	BRAKE,MICO,1200 IN/LB*** includes 1 each of index number 21; to SN 5456	2
22-	41921GT	SEAL KIT,BRAKE,MICO	2
22-	41918GT	LINING KIT,MICO BRAKE	2
22-	41922GT	BEARING KIT,BRAKE,MICO	2
22-	72319GT	SPRING (RED) MICO For 41912; 8 required per brake	
22A	41912GT	BRAKE,MICO,1200 IN/LB*** includes 1 each of index number 21; from SN 5457	2
22A-	77240GT	SEAL KIT, AUSCO BRAKE***	2
22A-	77239GT	LINING KIT,AUSCO BRAKE***	2
22A-	65608GT	BEARING KIT, AUSCO***	2
23	22811GT	O-RING,MOTOR TO BRAKE*** measures approx 4" x 0.10"	2
24	41398GT	MOTOR,HYDRAULIC,AXIAL PORTS*** includes 1 each index number 23	2
24-	32680GT	SEAL KIT,SUNSTRAND	2
25	7261GT	SCREW,HHC,1/2-13 X 5 BLACK to SN 5369	8
25-	73858GT	SCREW,SHC,1/2-13X5.0 GR 5 ZINC from SN 5370	8
26	13066GT	WASHER,FLAT,.5 HARDENED	8
27	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	8

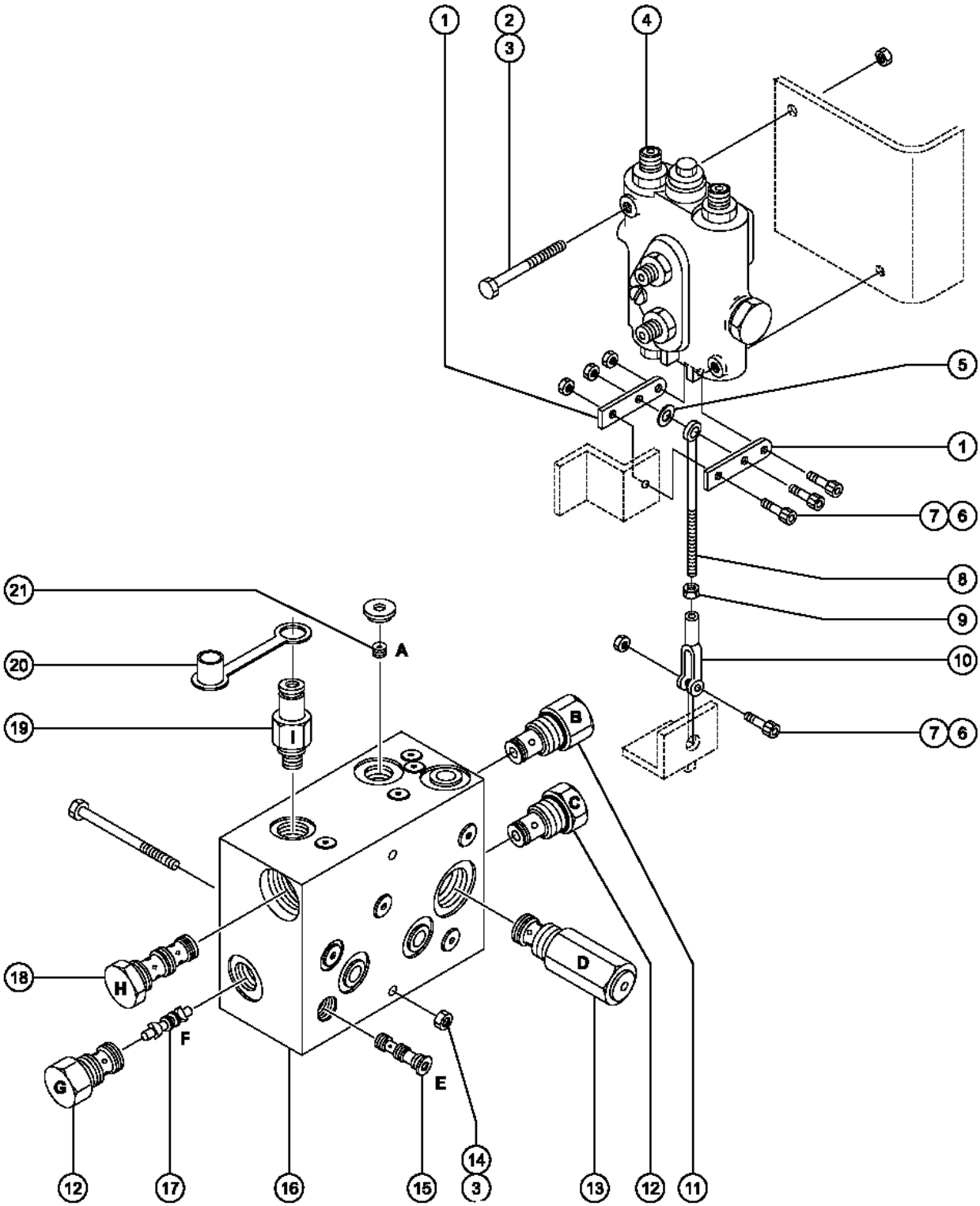
205.1 2WD Non-steer Axle



205.1 2WD Non-steer Axle

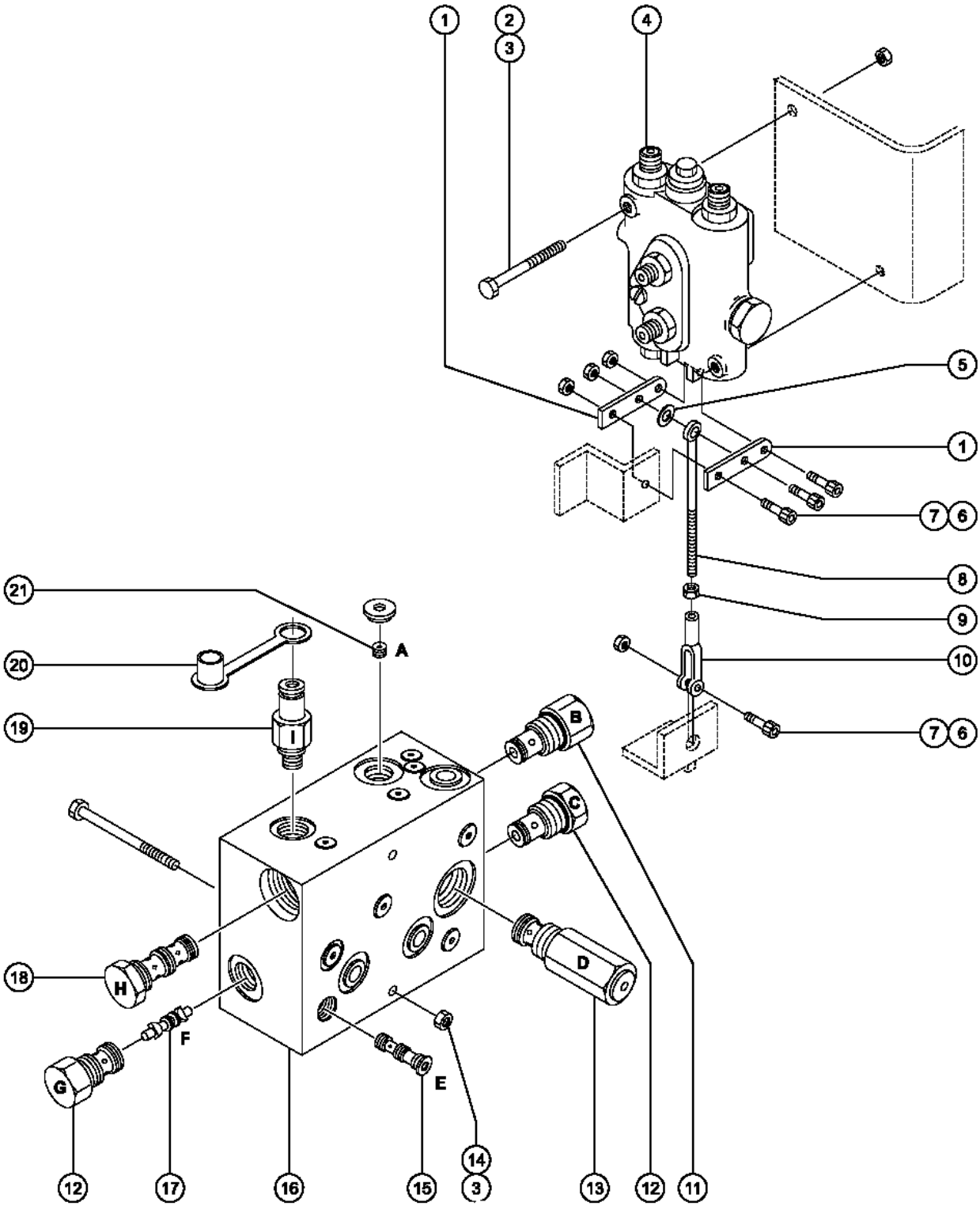
Item	Part No.	Description	Qty.
28	30802P-SGT	COVER,NON-STEER AXLE "BLUE"	2
29	6090GT	SCREW, HHC, 1/4-20 X .75	8
30	6356GT	WASHER,LOCK,.25	8
31	6638GT	WASHER, FLAT, USS, 1/4"Y	8
32	30690GT	BAR,AXLE ROTATION STOP,OSC. ** oscillating models	2
32-	30691GT	BAR,AXLE ROTATION STOP,NON-OSC non-oscillating models	2
33	30808GT	SHIM,AXLE ROTATION STOP	2
34	30809GT	SHIM,AXLE ROTATION STOP,22 GA.	2
35	30735GT	PIN, 1.50DIAX17.50LG, CHAMFER	1
36	825019GT	ROD END, .375X3.69, ZAG	1
37	6175GT	SCREW,HHC,3/8-16 X 1	1
38	32682GT	COVR W/DECL,DR.CHAS.NONSTEER to SN 2872	1
38-	89803GT	COVER, CHASSIS ASSY W/DECALS from SN 2873	1

206.1 2WD Oscillation Manifold and Control Valve

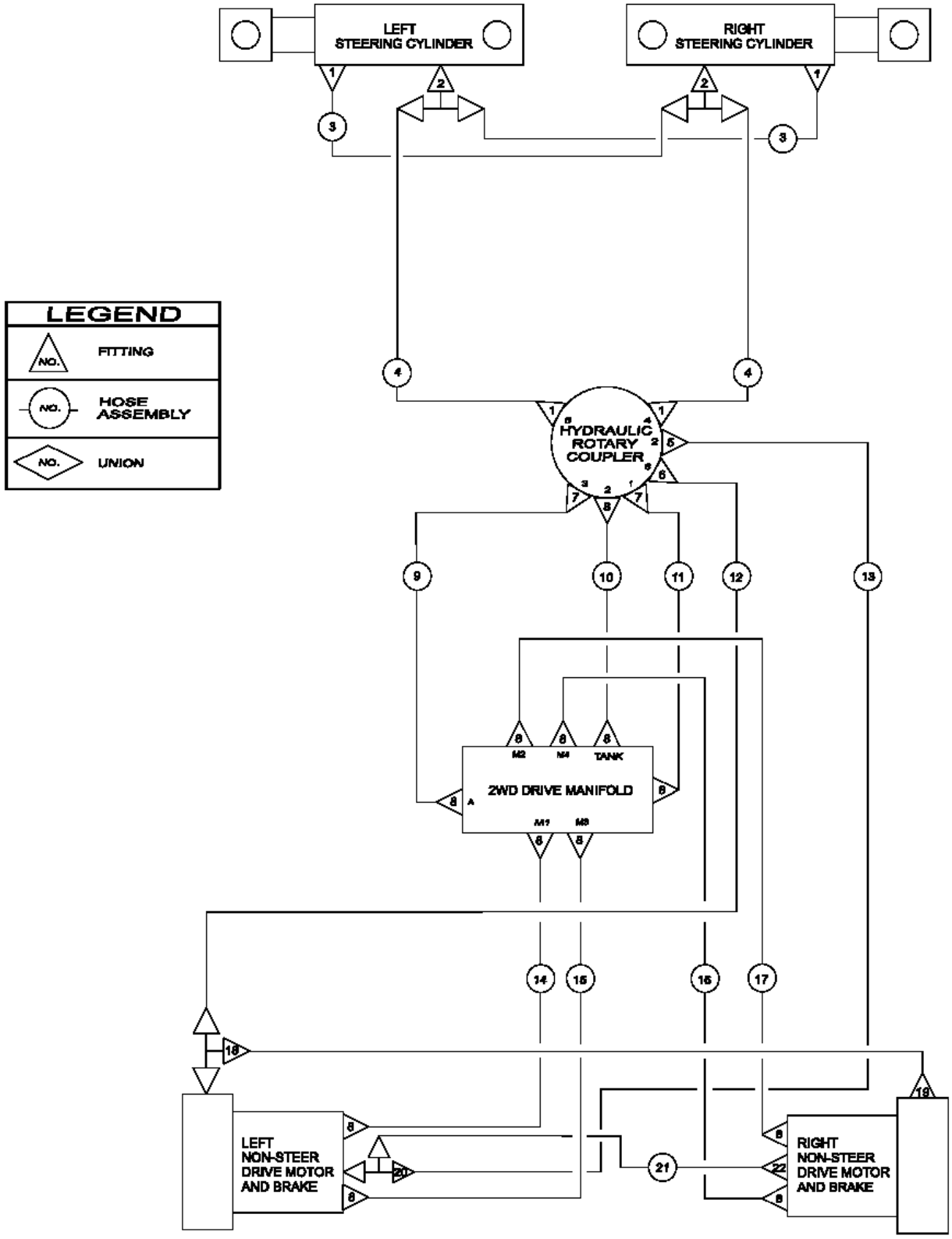


Item	Part No.	Description	Qty.
	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	30884GT	OSCILLATE VALVE LINKAGE	2
2	4266GT	SCREW,HHC,1/4-20 X 2	2
3	6091GT	NUT,NYLOCK,1/4-20	4
4	30558 32681GT	Valve - Manual, 3 position 4 way	1
4-	32681GT	SEAL KIT,CONTROL VALVE	1
5	20980GT	WASHER,NYLON,.434 X.263X.049	1
6	6584GT	SCREW,SHS,10-24 X .625	4
7	5365GT	NUT,NYLOCK,10-24	4
8		LINKAGE ROD no longer available	1
9	21496GT	NUT,HEX,1/4-28	1
10	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN includes clevis pin and cotter pin	1
11	27532GT	VALVE,DIFFERENTIAL SENSING	1
12	32725GT	VALVE,CHECK (30797)	2
13	37050GT	VALVE,UNLOADER,P.O.	1
14	11413GT	SCREW,HHC,1/4-20 X 4	2
15	45483GT	VALVE,SHUTTLE***	1
16	30797GT	MANIFOLD,OSCILLATION includes index numbers 11 through 13, 15, 17, 18 and 21	1
16	25375GT	KIT, O-RING	1
17	32724GT	PISTON (30797)	1
18	32723GT	VALVE,SHUTTLE (30797)	1
19	48997GT	NIPPLE,DIAGNOSTIC,#4	1
19	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	1
20	48880GT	CAP,DIAGNOSTIC NIPPLE	1
21	29737GT	PLUG,ORIFICE,0.052 INCH	1

206.1 2WD Oscillation Manifold and Control Valve

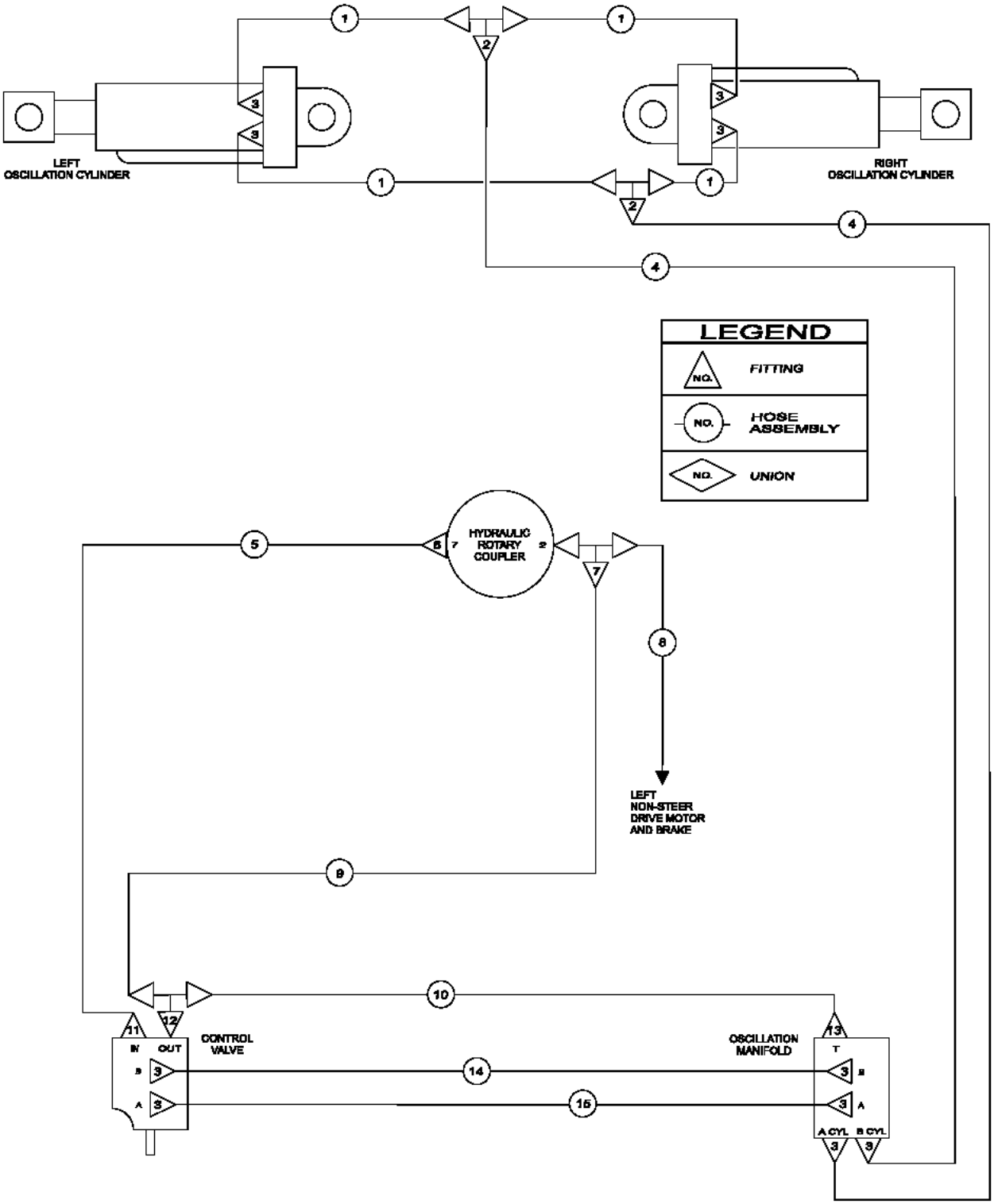


Item	*Part No.*	*Description*	*Qty.*
A		Orifice Plug Differential Sensing Circuit	
B		Differential Sensing Valve Differential Sensing	
C		Check Valve Oscillate, Left	
D		Valve, Unloader Pilot Operated Sequencing	
E		Shuttle Valve, 2 position 3 way Pilot	
F		Piston Check Valve Circuit	
G		Check Valve Oscillate, Right	
H		Shuttle Valve, 2 position 3 way Unloading	
I		Diagnostic Fitting Testing	


LEFT
STEERING CYLINDER
RIGHT
STEERING CYLINDER
LEGEND
NO.
FITTING
NO.
HOSE
ASSEMBLY
NO.
UNION
HYDRAULIC
ROTARY
COUPLER
M2
M4
TANK
2WD DRIVE MANIFOLD
M1
M3
LEFT
NON-STEER
DRIVE MOTOR
AND BRAKE
RIGHT
NON-STEER
DRIVE MOTOR
AND BRAKE

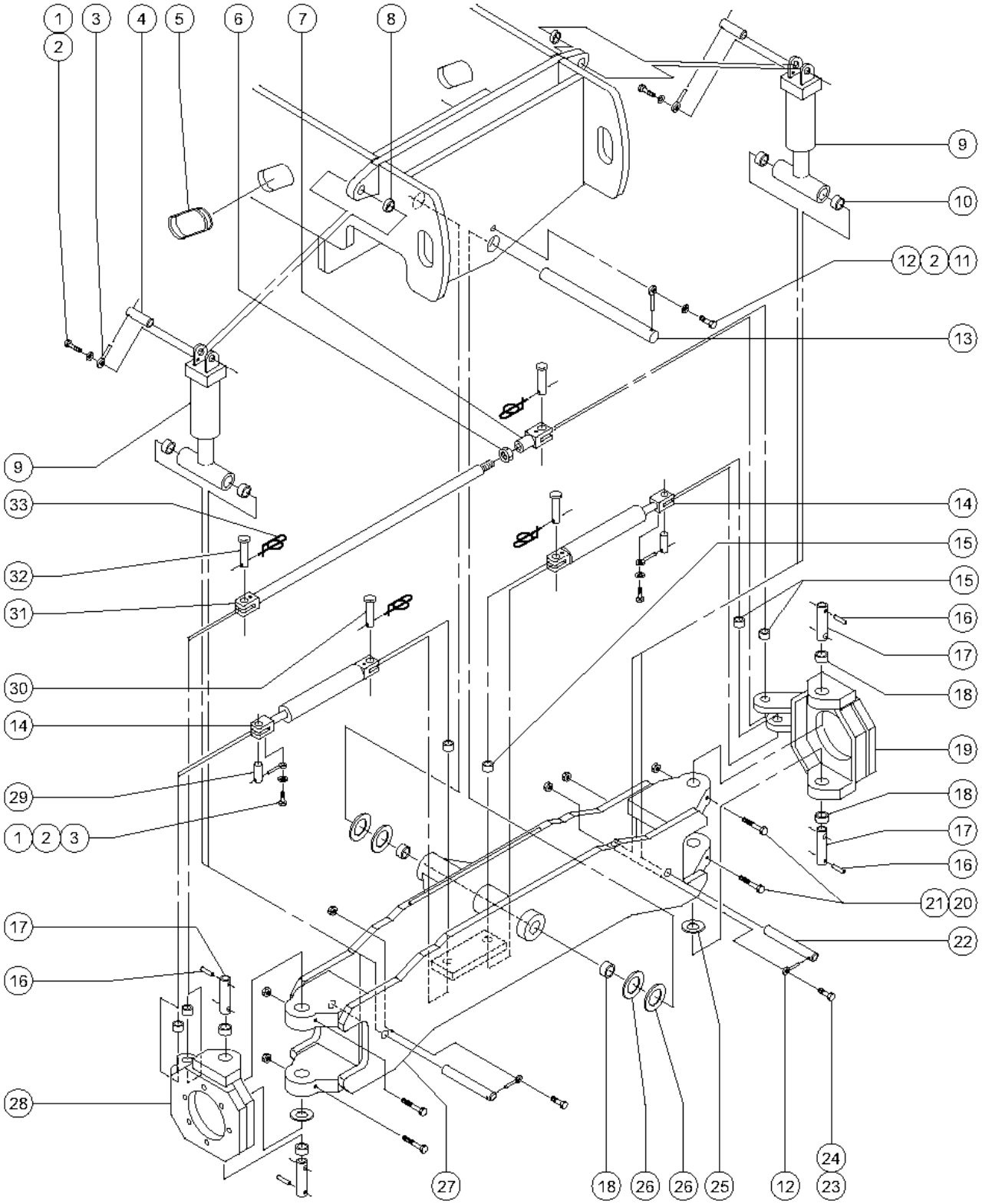
Item	Part No.	Description	Qty.
	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	48915GT	ELBOW,90D,520220-6	4
2	48919GT	TEE,BRANCH,520429-6	2
3	49130-2332GT	HOSE ASSEMBLY, 3/8"	2
4	49128-5909GT	HOSE ASSEMBLY,3/8"	2
5	48920GT	ELBOW,45D,520320-6	1
6	48911GT	ELBOW,90D,520220-4-6***	1
7	48963GT	FITTING,ELBOW,45D,520320-12***	2
8	48960GT	FITTING,CONN,520120-12***	12
9	49156-2606GT	HOSE ASSY,3/4,90 FEM,STR FEM	1
10	49149-1826GT	HOSE ASSY,3/4,45 FEM,STR FEM	1
11	94374-2930GT	HOSE ASSY,3/4,90 FEM,STR FEM	1
12	49172-7388GT	HOSE ASSEMBLY,1/2"	1
13	49117-7641GT	HOSE ASSY,1/4,90 FEM,STR FEM	1
14	49157-4335GT	HOSE ASSEMBLY,3/4"	1
15	89871-3948GT	HOSE ASSEMBLY,3/4" STR-STR	1
16	89871-3848GT	HOSE ASSEMBLY,3/4" STR-STR***	1
17	89871-3348GT	HOSE ASSEMBLY,3/4" STR-STR	1
18	48906GT	TEE,RUN,520428-4	1
19	48904GT	ELBOW, 90D, 520220-4	1
20	48953GT	TEE,RUN,520428-10	1
21	49139-4518GT	HOSE ASSEMBLY,1/2"	1
22	48946GT	CONN,520120-8-10	1

208.1 2WD Hydraulic Hoses and Fittings - Oscillation System



Item	Part No.	Description	Qty.
	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	49130-2357GT	HOSE ASSEMBLY,3/8"	4
2	48896GT	CONN,TEE,UNION,520401-6,ORFS	2
3	48916GT	CONN, 520120-6	10
4	49104-10809GT	HOSE ASSEMBLY,3/8"	2
5	49125-5970GT	HOSE ASSEMBLY,3/8"	1
6	48915GT	ELBOW,90D,520220-6	1
7	48935GT	TEE,RUN, 520428-8	1
8	49117-7641GT	HOSE ASSY,1/4,90 FEM,STR FEM	1
9	49141-6063GT	HOSE ASSY,1/2,45 FEM,STR FEM	1
10	49143-1204GT	HOSE ASSY,1/2,90 FEM,STR FEM	1
11	48930GT	CONN,520120-6-8	1
12	48936GT	TEE,BRANCH,520429-8	1
13	48943GT	FITTING,CONN,520120-8-6	1
14	49124-1453GT	HOSE ASSEMBLY,3/8"	1
15	49128-1109GT	HOSE ASSY,3/8,90 FEM,STR FEM	1

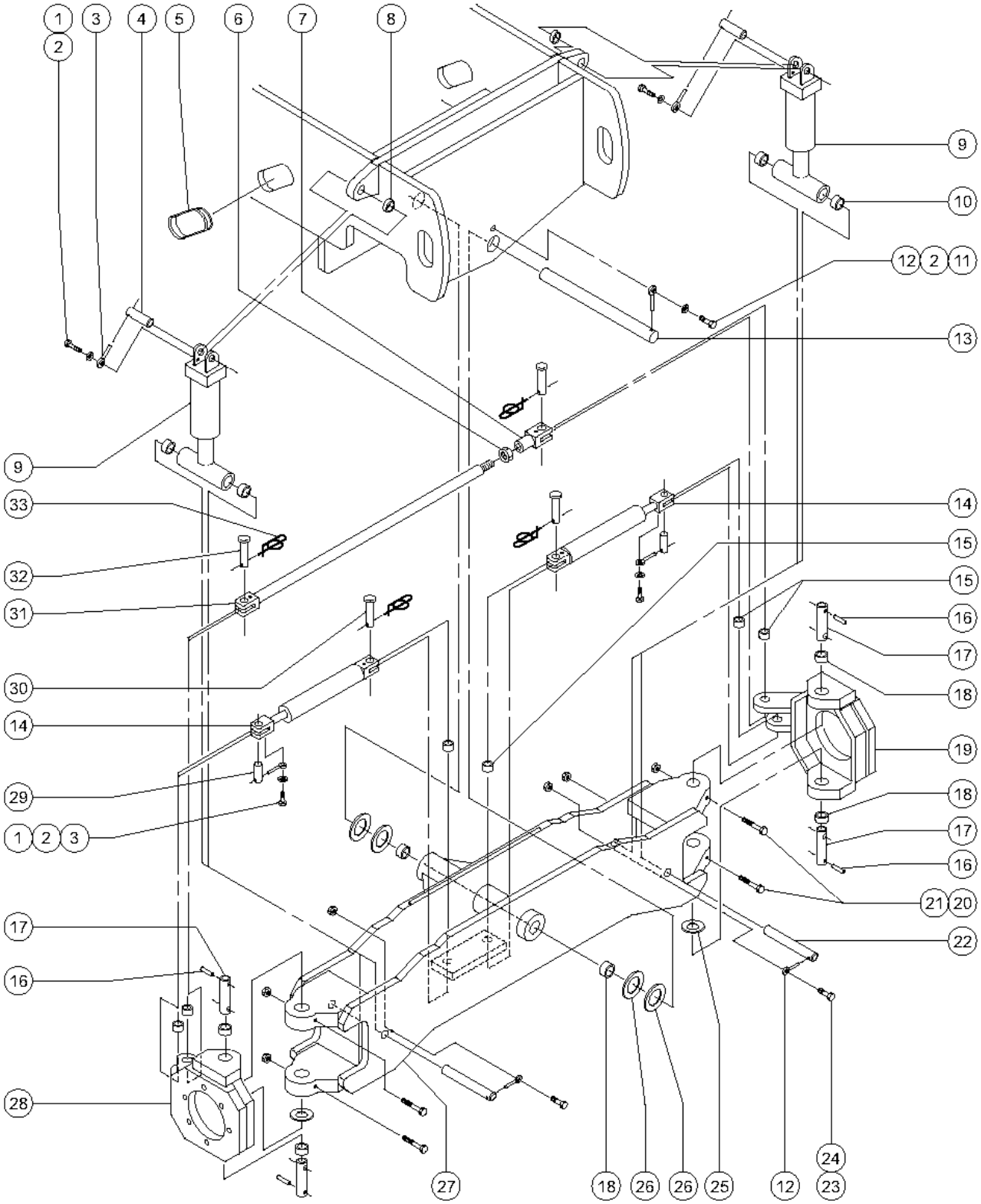
301.1 4WD Steer Axle Linkage



301.1 4WD Steer Axle Linkage

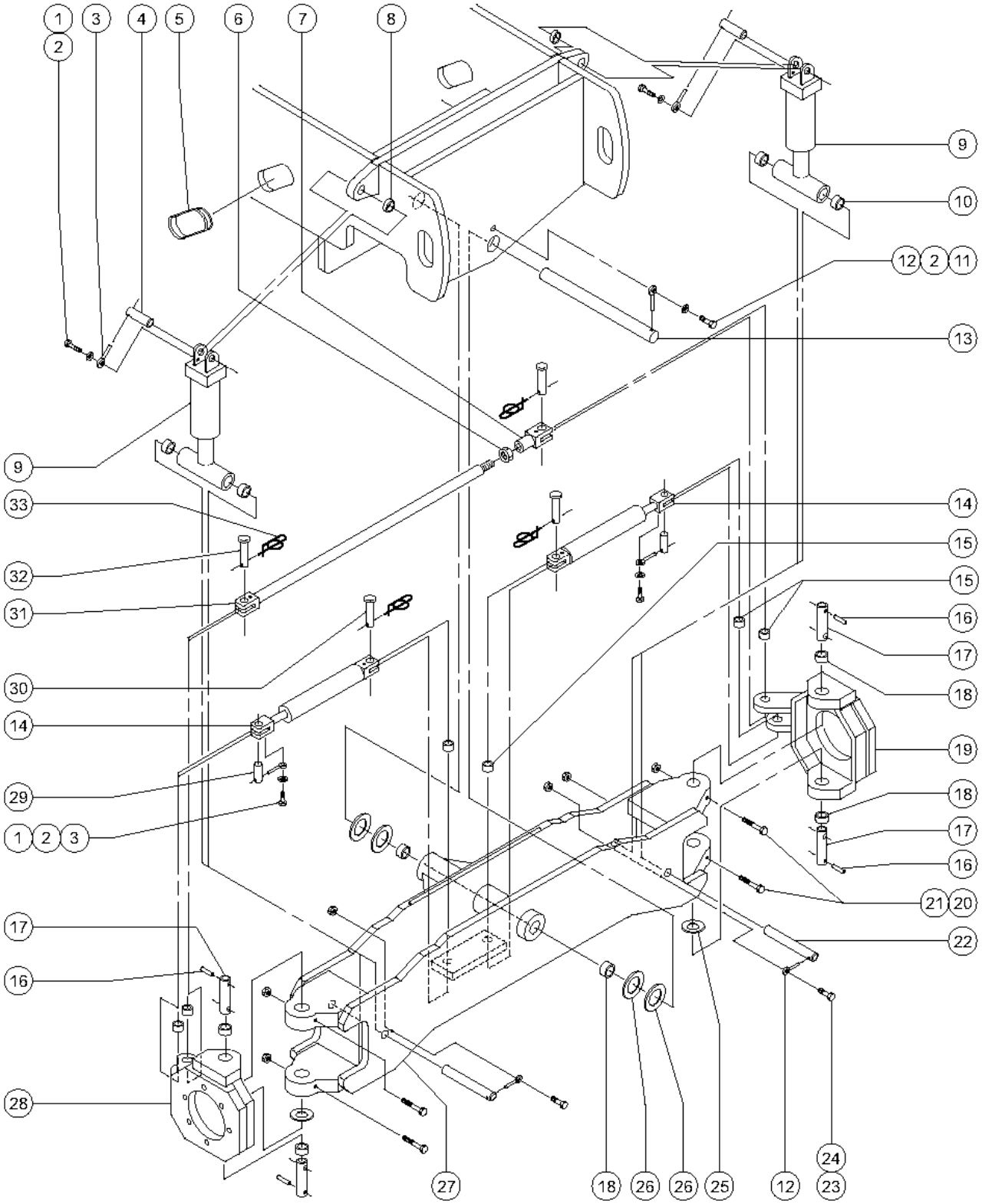
Item	Part No.	Description	Qty.
1	8255GT	SCREW,HHC,3/8-16 X .75	8
2	6021GT	WASHER, LOCK, .375	9
3	1255452GT	ROD END,.375 X 2.25,ZAG	8
4	30737GT	PIN,1.25DIAX3.00LG,1HOLE	2
5	53386GT	GUARD, HOSE PROTECTOR	2
6	28352GT	NUT,HEX,JAM,1-8	1
7	23154-SGT	WELDMENT,ROD END	1
8	30370GT	BEARING,1.25IDX1.5ODX1.00L	2
9	89099GT	CYLINDER,OSCILLATE S40/45 includes 2 each index number 10	2
9-	59050GT	SEAL KIT,2.5" BORE,1.5" ROD***	2
9-	31106GT	VALVE,CNTERBAL,CBBB-LHN@3000**	2
10	25683GT	BEARING,POLYGON,20DU12	4
11	6175GT	SCREW,HHC,3/8-16 X 1	1
12	825019GT	ROD END, .375X3.69, ZAG	3
13	30735GT	PIN, 1.50DIAX17.50LG, CHAMFER	1
14	1305757GT	CYLINDER, STEER	2
14-	58116GT	UPDATE KIT STEERING S40/45 must use for first time replacement of hydraulic cylinder number 30585	
14-	89066GT	SEAL KIT,STEER CYL (89065) for hydraulic cylinder number 1305757	
14-	32673GT	SEAL KIT (CYL PN 30585) for hydraulic cylinder number 30585	
14-	59076GT	SEAL KIT,2.0" BORE CYLINDERS** for hydraulic cylinder number 59036	
14-	59169GT	SEAL KIT,2" BORE,1" ROD*** for hydraulic cylinder number 59297 and 59303	
15	25817GT	BEARING,1.00IDX1.25ODX1.00L	6
16	14815GT	PIN,ROLL,SST,.25 X 2.25	4
17	53081GT	PIN,1.50DIAX4.76LG,2HOLE	4
18	119619GT	BEARING,1.5IDX1.75ODX1.5L,PTFE	6
19	32285GT	YOKE ASSY,4WD,L.S.,S40 includes 2 each index numbers 15 and 18	1
20	8220GT	SCREW,HHC,1/2-13 X 4	4
21	6086GT	NUT,LP NYLOCK,1/2-13	4

301.1 4WD Steer Axle Linkage



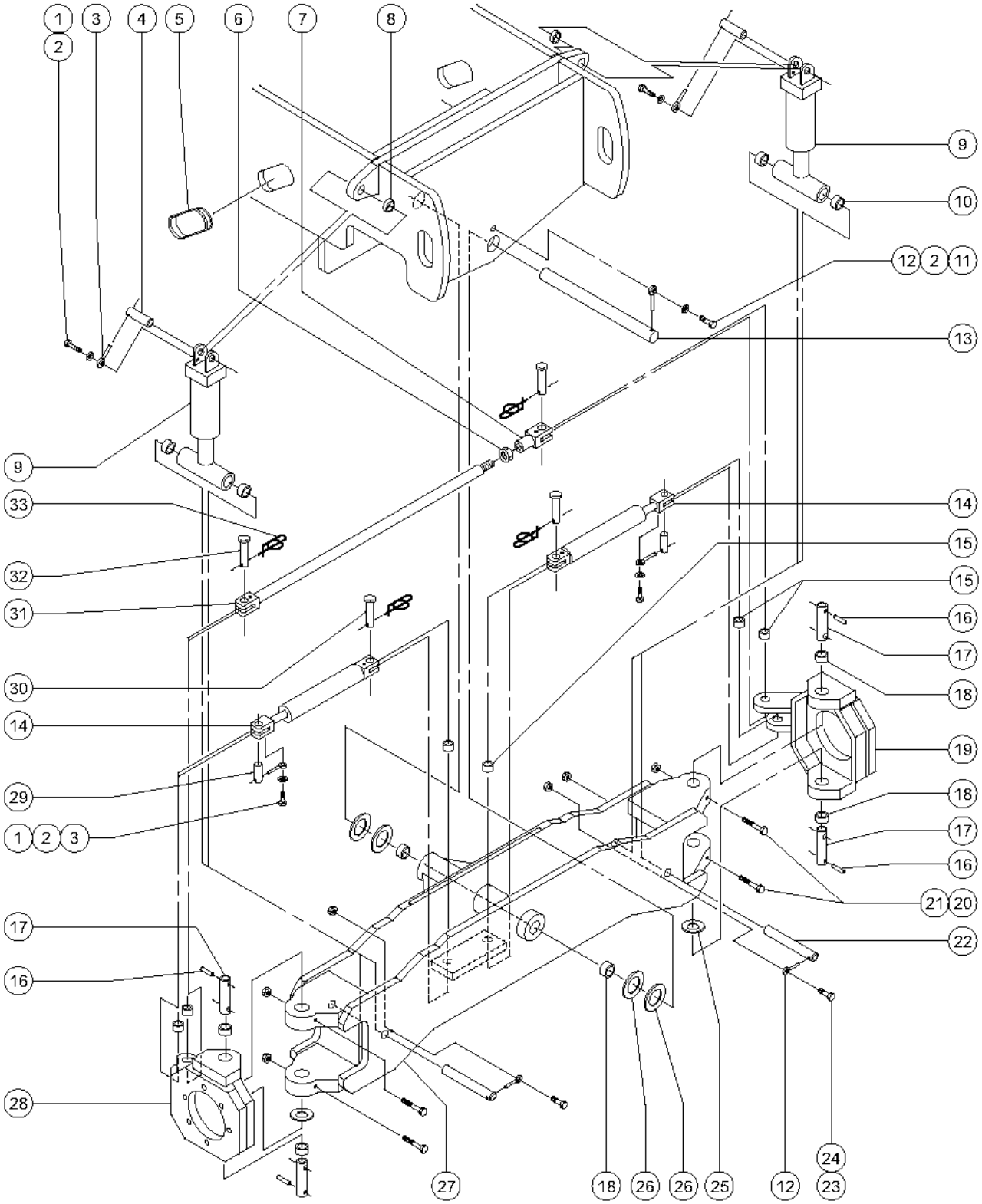
Item	Part No.	Description	Qty.
22	30190GT	PIN,1.25DIAX7.25LG,1HOLE	2
23	6708GT	SCREW,HHC,3/8-16 X 2.25	2
24	4828GT	NUT, NYLOCK, 3/8-16	2
25	45074GT	WASHER,THRUST,1.5 X 3.5 X .187	2
26	1256117GT	WASHER,SHIM,1.56X3.5X.061,ZAG	4
27	32651-SGT	Steer Axle Assembly includes 2 each index numbers 15 and 18	1
28	32284GT	YOKE ASSY,4WD,R.S.,S40 includes 2 each index numbers 15 and 18	1
29	30734GT	PIN,1.00DIAX2.88LG,1HOLE	2
30	53613GT	PIN, 3.50" X 1.00" to SN 5453	2
30-	32399GT	PIN,CLEVIS,1 X 3 LG. from SN 5454	2
31	30747-SGT	TIE ROD, WELDMENT	1
31-	63155GT	WELDMENT,TIE ROD	1
32	30734GT	PIN,1.00DIAX2.88LG,1HOLE to SN 5453	2
32-	19440GT	PIN,CLEVIS,1 X 2.5 LG from SN 5454	2
33	1255452GT	ROD END,.375 X 2.25,ZAG to SN 5453	4
33-	74389GT	RUE RING 1.00 from SN 5454	4

301.2 4WD Steer Axle Linkage



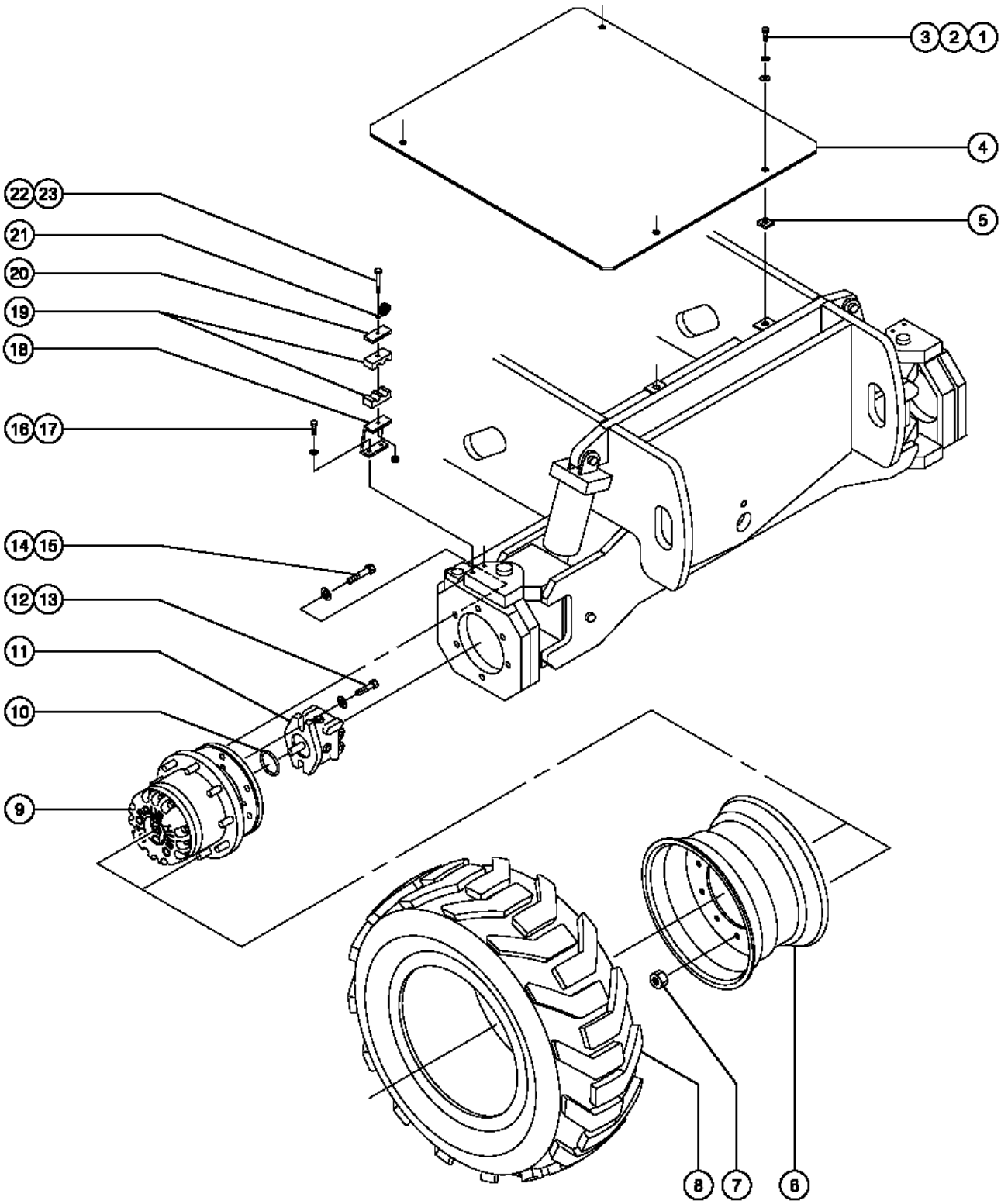
Item	Part No.	Description	Qty.
1	8255GT	SCREW,HHC,3/8-16 X .75	8
2	6021GT	WASHER, LOCK, .375	9
3	1255452GT	ROD END,.375 X 2.25,ZAG	8
4	30737GT	PIN,1.25DIAX3.00LG,1HOLE	2
5	53387GT	GUARD, HOSE PROTECTOR	2
6	28352GT	NUT,HEX,JAM,1-8	1
7	23154-SGT	WELDMENT,ROD END	1
8	30370GT	BEARING,1.25IDX1.5ODX1.00L	2
9	89099GT	CYLINDER,OSCILLATE S40/45 includes 2 each index number 10	2
9-	59050GT	SEAL KIT,2.5" BORE,1.5" ROD***	2
9-	31106GT	VALVE,CNTERBAL,CBBB-LHN@3000**	2
10	25683GT	BEARING,POLYGON,20DU12	4
11	6175GT	SCREW,HHC,3/8-16 X 1	1
12	825019GT	ROD END, .375X3.69, ZAG	3
13	30735GT	PIN, 1.50DIAX17.50LG, CHAMFER	1
14	1305757GT	CYLINDER, STEER	2
14-	58116GT	UPDATE KIT STEERING S40/45 must use for first time replacement of hydraulic cylinder number 30585	
14-	89066GT	SEAL KIT,STEER CYL (89065) for hydraulic cylinder number 1305757	
14-	32673GT	SEAL KIT (CYL PN 30585) for hydraulic cylinder number 30585	
14-	59076GT	SEAL KIT,2.0" BORE CYLINDERS** for hydraulic cylinder number 59036	
14-	59169GT	SEAL KIT,2" BORE,1" ROD*** for hydraulic cylinder number 59297 and 59303	
15	25817GT	BEARING,1.00IDX1.25ODX1.00L	6
16	14815GT	PIN,ROLL,SST,.25 X 2.25	4
17	53081GT	PIN,1.50DIAX4.76LG,2HOLE	4
18	119619GT	BEARING,1.5IDX1.75ODX1.5L,PTFE	6
19	32285-SGT	Yoke Assembly - Left Side includes 2 each index numbers 15 and 18	1
20	8220GT	SCREW,HHC,1/2-13 X 4	4
21	6086GT	NUT,LP NYLOCK,1/2-13	4

301.2 4WD Steer Axle Linkage



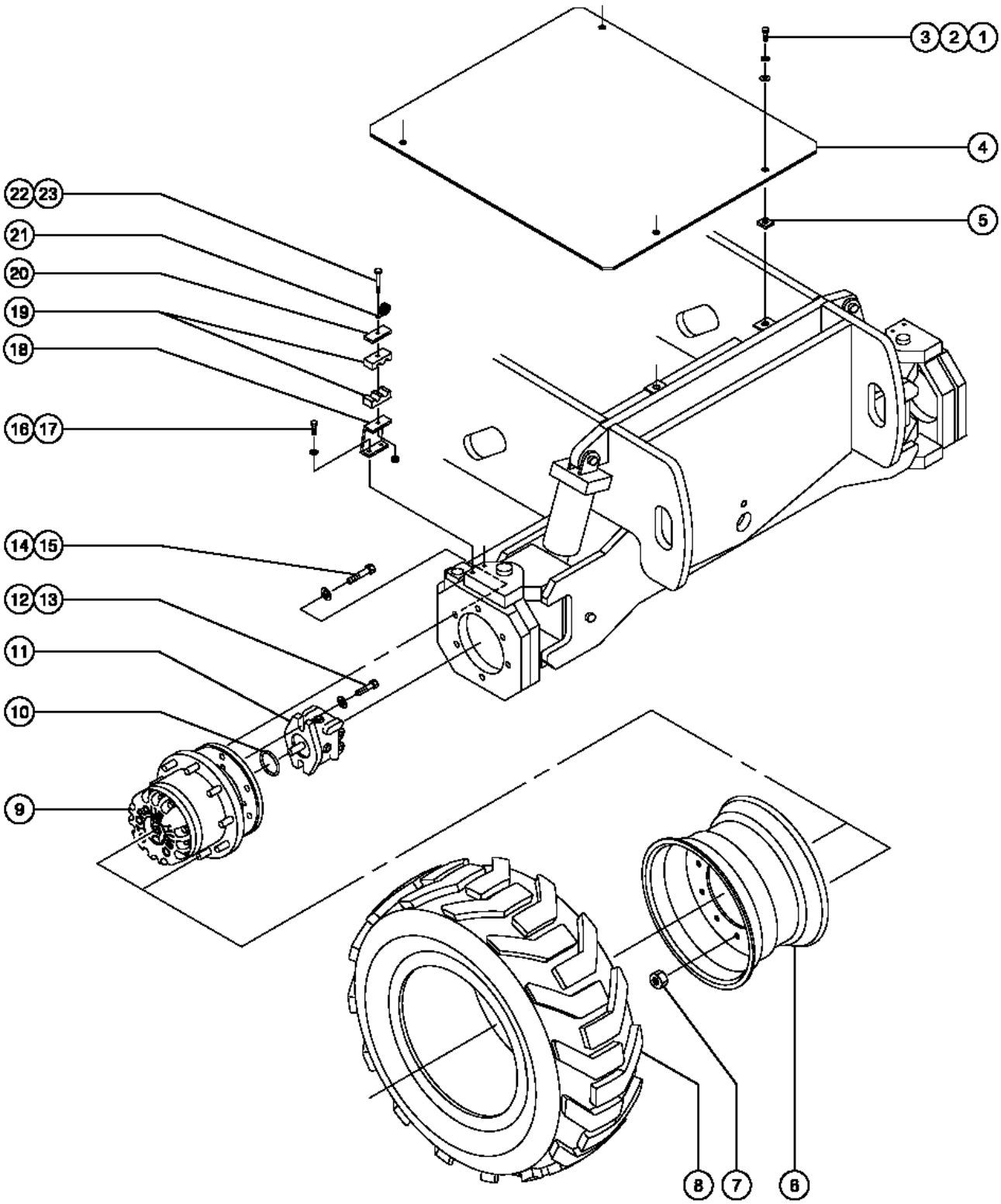
Item	Part No.	Description	Qty.
22	30190GT	PIN,1.25DIAX7.25LG,1HOLE	2
23	6708GT	SCREW,HHC,3/8-16 X 2.25	2
24	4828GT	NUT, NYLOCK, 3/8-16	2
25	45074GT	WASHER,THRUST,1.5 X 3.5 X .187	2
26	1256117GT	WASHER,SHIM,1.56X3.5X.061,ZAG	4
27	32651-SGT	Steer Axle Assembly includes 2 each index numbers 15 and 18	1
28	32284-SGT	Yoke Assembly - Right Side includes 2 each index numbers 15 and 18	1
29	30734GT	PIN,1.00DIAX2.88LG,1HOLE	2
30	53613GT	PIN, 3.50" X 1.00" to SN 5453	2
30-	32399GT	PIN,CLEVIS,1 X 3 LG. from SN 5454	2
31	30747-SGT	TIE ROD, WELDMENT	1
31-	63155GT	WELDMENT,TIE ROD	1
32	30734GT	PIN,1.00DIAX2.88LG,1HOLE to SN 5453	2
32-	19440GT	PIN,CLEVIS,1 X 2.5 LG from SN 5454	2
33	1255452GT	ROD END,.375 X 2.25,ZAG to SN 5453	4
33-	74389GT	RUE RING 1.00 from SN 5454	4

302.1 4WD Steer Axle - Wheels and Hubs



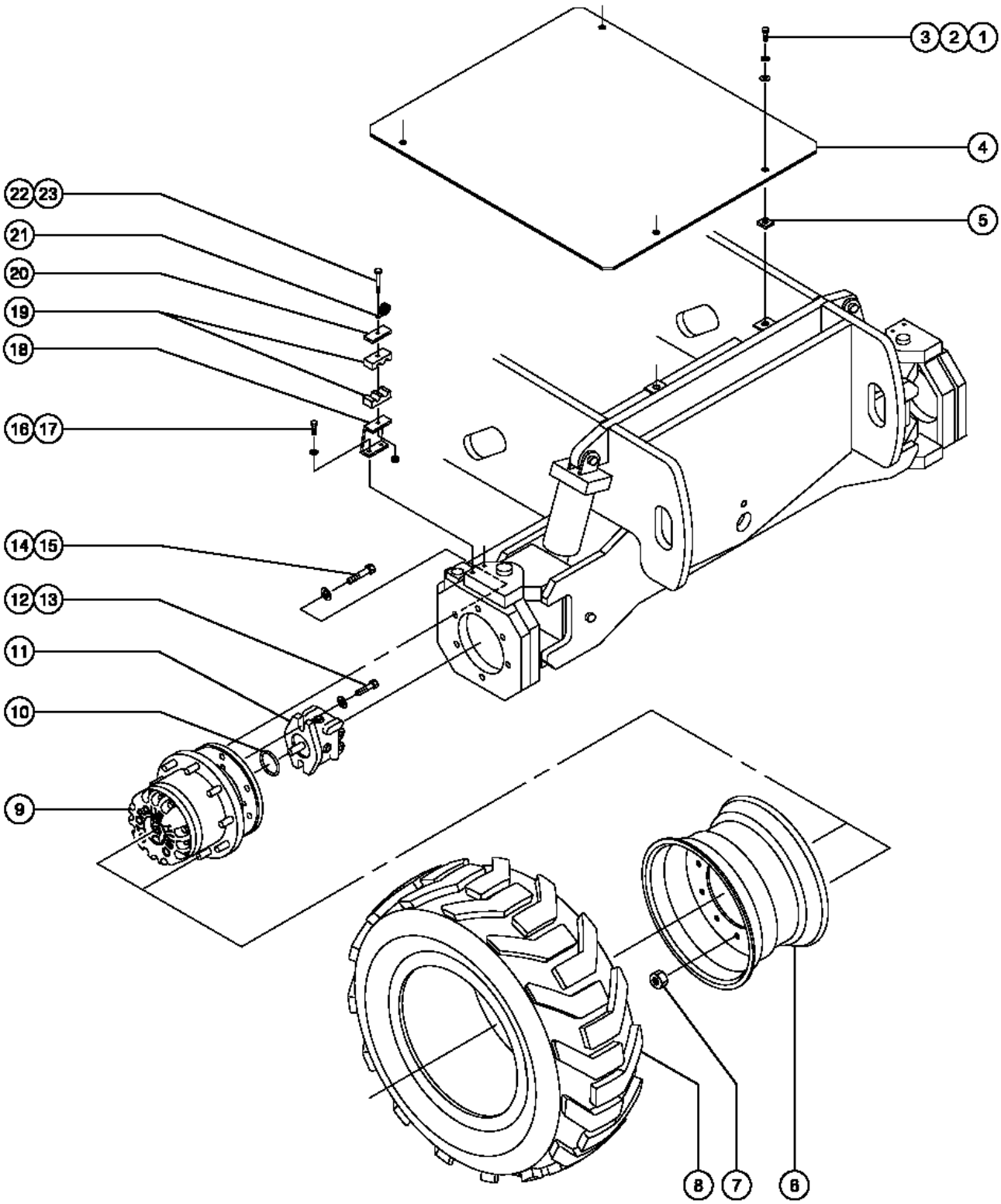
Item	Part No.	Description	Qty.
	53386GT	GUARD, HOSE PROTECTOR	2
1	6090GT	SCREW, HHC, 1/4-20 X .75	4
2	6356GT	WASHER,LOCK,.25	4
3	6638GT	WASHER, FLAT, USS, 1/4"Y	4
4	32676GT	COVR W/DECLS,DR.CHAS.STR.END to SN 2872	1
4-	102278GT	CVR ASSY W/DECALS,DRV CHASS ST from SN 2873	1
5	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	4
6		Ref. Tire & Wheel assemblies (refer to 304.1)	
7	54627GT	NUT,LUG,5/8-18 X 90 DEGREE,Z45	18
8		Ref. Tire & Wheel assemblies (refer to 304.1)	
9	45553GT	TORQUE HUB SERIES 1-18.25:1	2
9-	1286606GT	SEAL KIT,TORQUE HUB (20193) for 45553	
9-	1286606GT	SEAL KIT,TORQUE HUB (20193) for 45553	
9-	21149GT	LUG,WHEEL STUD,5/8-18,W1/4HB**	2
9-	21143GT	BEARING KIT (45553) TORQUE HUB	2
9-	58448GT	KIT,TORQUE HUB COVER (45553)**	2
9-	37097GT	O-RING, TORQUE HUB included in Seal Kit part number 21142	2
9-	21148GT	WASHER,THRUST,TORQUE HUB	2
9-	21146GT	COVER CAP,TORQUE HUB***	2
9-	58438GT	KIT,COVER,TORQUE HUB,45553***	2
9-	21144GT	CAP,DISENGAGE-45553 TORQUE HUB	2
9-	21145GT	DISCONNECT ROD-45553 TQ.HUB	2
10	52087GT	O-RING,2-044 BUNA***	2
11	33432GT	MOTOR,HYD,25CC FIXED*** includes index number 10	2
11-	32675GT	SEAL KIT,SUNSTRAND	2
12	8177GT	SCREW,HHC,1/2-13 X 1.5	4
13	13066GT	WASHER,FLAT,.5 HARDENED	4
14	45495GT	SCREW,SHC,5/8-11 X 3.00,A574 to SN 5369	12

302.1 4WD Steer Axle - Wheels and Hubs



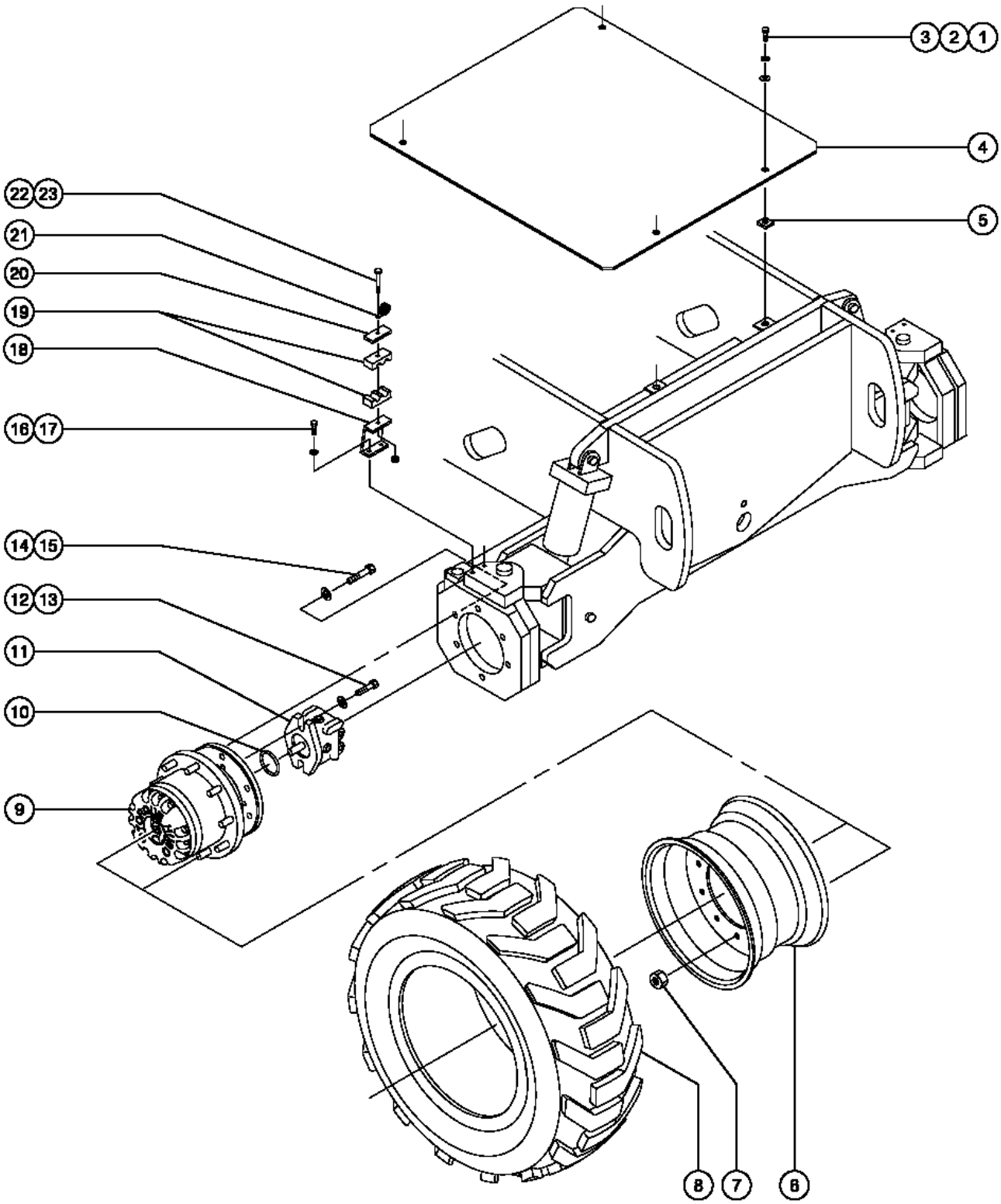
Item	*Part No.*	*Description*	*Qty.*
14-	73455GT	SCREW,HHC,5/8-11 X 2.25 GR8 from SN 5370	12
15	42191GT	WASHER,FLAT,.640X1.160X.09	12
16	8255GT	SCREW,HHC,3/8-16 X .75	4
17	6021GT	WASHER, LOCK, .375	4
18	122281PGT	HOSE HANGER,DRIVE CHASSIS,PTD	2
19	36858GT	CLAMP PAIR,DUAL HOSE	2
20	36859GT	TOP PLATE,CLAMP	2
21	45454GT	CLAMP,0.75,#12 X 3/8,RUB CUSH*	2
22	18505GT	5/16-18 X 2.25 LG.FLG.LCK.SCRW	2
23	6002GT	NUT, LP NYLOCK, 5/16-18	2

302.2 4WD Steer Axle - Wheels and Hubs



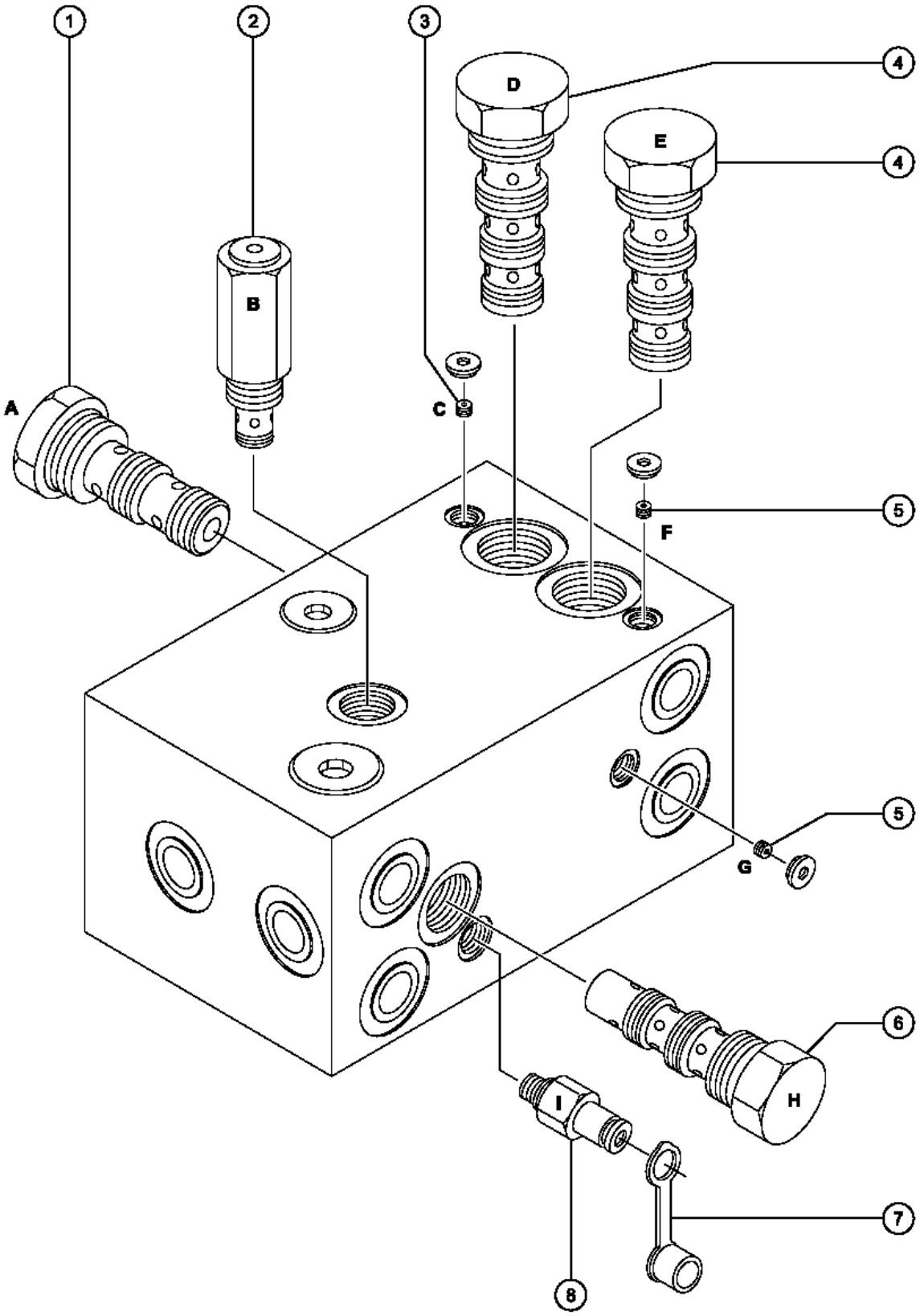
Item	Part No.	Description	Qty.
	53387GT	GUARD, HOSE PROTECTOR	2
1	6090GT	SCREW, HHC, 1/4-20 X .75	4
2	6356GT	WASHER,LOCK,.25	4
3	6638GT	WASHER, FLAT, USS, 1/4"Y	4
4	32676GT	COVR W/DECLS,DR.CHAS.STR.END to SN 2872	1
4-	102278GT	CVR ASSY W/DECALS,DRV CHASS ST from SN 2873	1
5	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	4
6	122348GT	WHEEL, 16.5 X 9.75 S40	2
7	54627GT	NUT,LUG,5/8-18 X 90 DEGREE,Z45	18
8		Ref. Tire & Wheel assemblies (refer to 304.1)	
8	33412GT	TIRE,12X16.5,8 PLY,SGL	2
8-	1271437GT	TIRE,12-16.5/10PR S40 HAULER	2
9	45553GT	TORQUE HUB SERIES 1-18.25:1	2
9-	1286606GT	SEAL KIT,TORQUE HUB (20193)	
9-	1286606GT	SEAL KIT,TORQUE HUB (20193) for 45553	
9-	21149GT	LUG,WHEEL STUD,5/8-18,W1/4HB** for 45553	2
9-	21143GT	BEARING KIT (45553) TORQUE HUB for 45553	2
9-	58448GT	KIT,TORQUE HUB COVER (45553)** for 45553	2
9-	37097GT	O-RING, TORQUE HUB included in Seal Kit part number 21142	2
9-	21148GT	WASHER,THRUST,TORQUE HUB for 45553	2
9-	21146GT	COVER CAP,TORQUE HUB*** for 45553	2
9-	58438GT	KIT,COVER,TORQUE HUB,45553*** for 45553	2
9-	21144GT	CAP,DISENGAGE-45553 TORQUE HUB for 45553	2
9-	21145GT	DISCONNECT ROD-45553 TQ.HUB for 45553	2
10	52087GT	O-RING,2-044 BUNA***	2
11	33432GT	MOTOR,HYD,25CC FIXED*** includes index number 10	2
11-	32675GT	SEAL KIT,SUNSTRAND	2
12	8177GT	SCREW,HHC,1/2-13 X 1.5	4

302.2 4WD Steer Axle - Wheels and Hubs



Item	Part No.	Description	Qty.
13	13066GT	WASHER,FLAT,.5 HARDENED	4
14	45495GT	SCREW,SHC,5/8-11 X 3.00,A574 to SN 5369	12
14-	73455GT	SCREW,HHC,5/8-11 X 2.25 GR8 from SN 5370	12
15	42191GT	WASHER,FLAT,.640X1.160X.09	12
16	8255GT	SCREW,HHC,3/8-16 X .75	4
17	6021GT	WASHER, LOCK, .375	4
18	122281PGT	HOSE HANGER,DRIVE CHASSIS,PTD	2
19	36858GT	CLAMP PAIR,DUAL HOSE	2
20	36859GT	TOP PLATE,CLAMP	2
21	45454GT	CLAMP,0.75,#12 X 3/8,RUB CUSH*	2
22	18505GT	5/16-18 X 2.25 LG.FLG.LCK.SCRW	2
23	6002GT	NUT, LP NYLOCK, 5/16-18	2

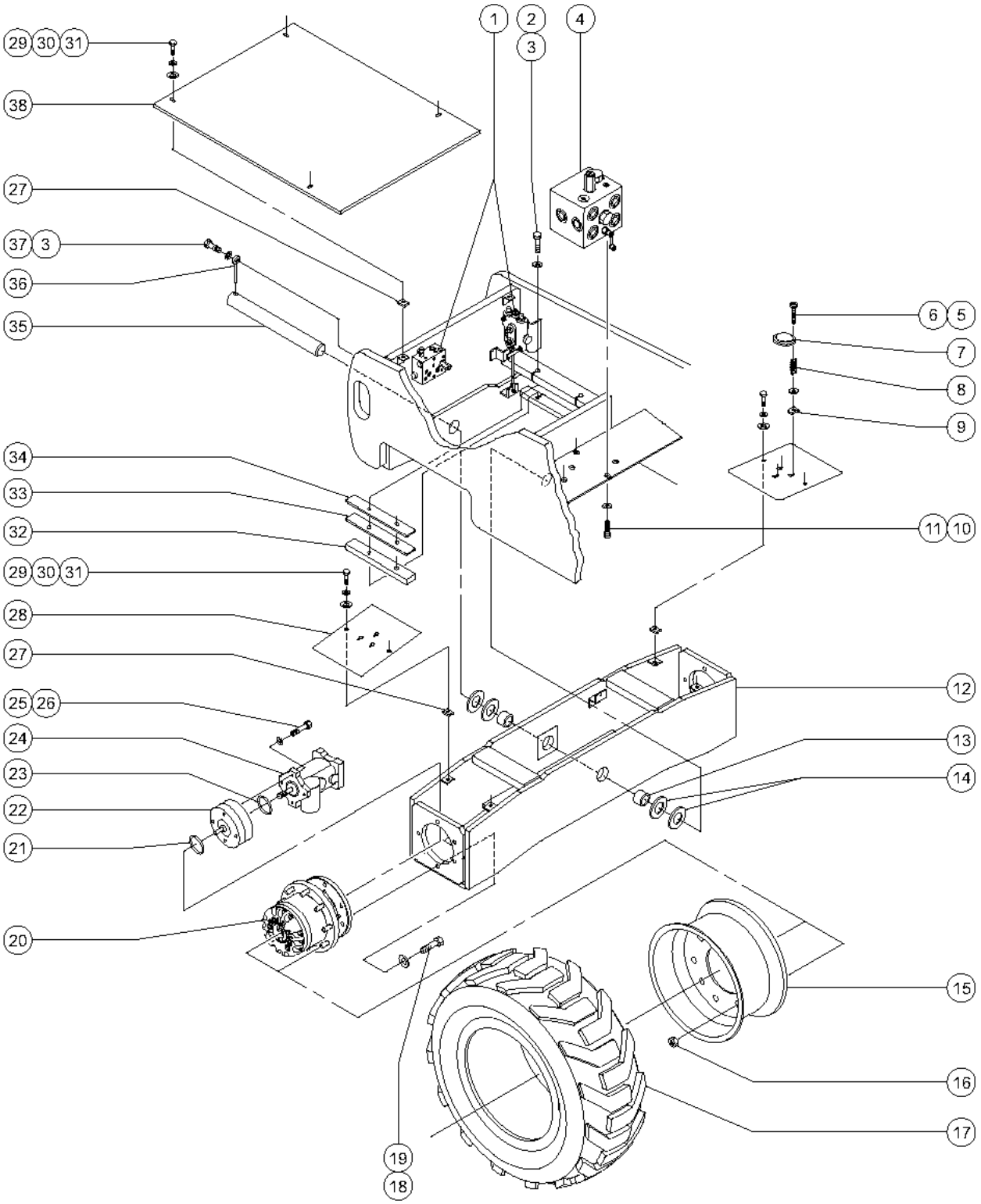
303.1 4WD Drive Manifold



303.1 4WD Drive Manifold

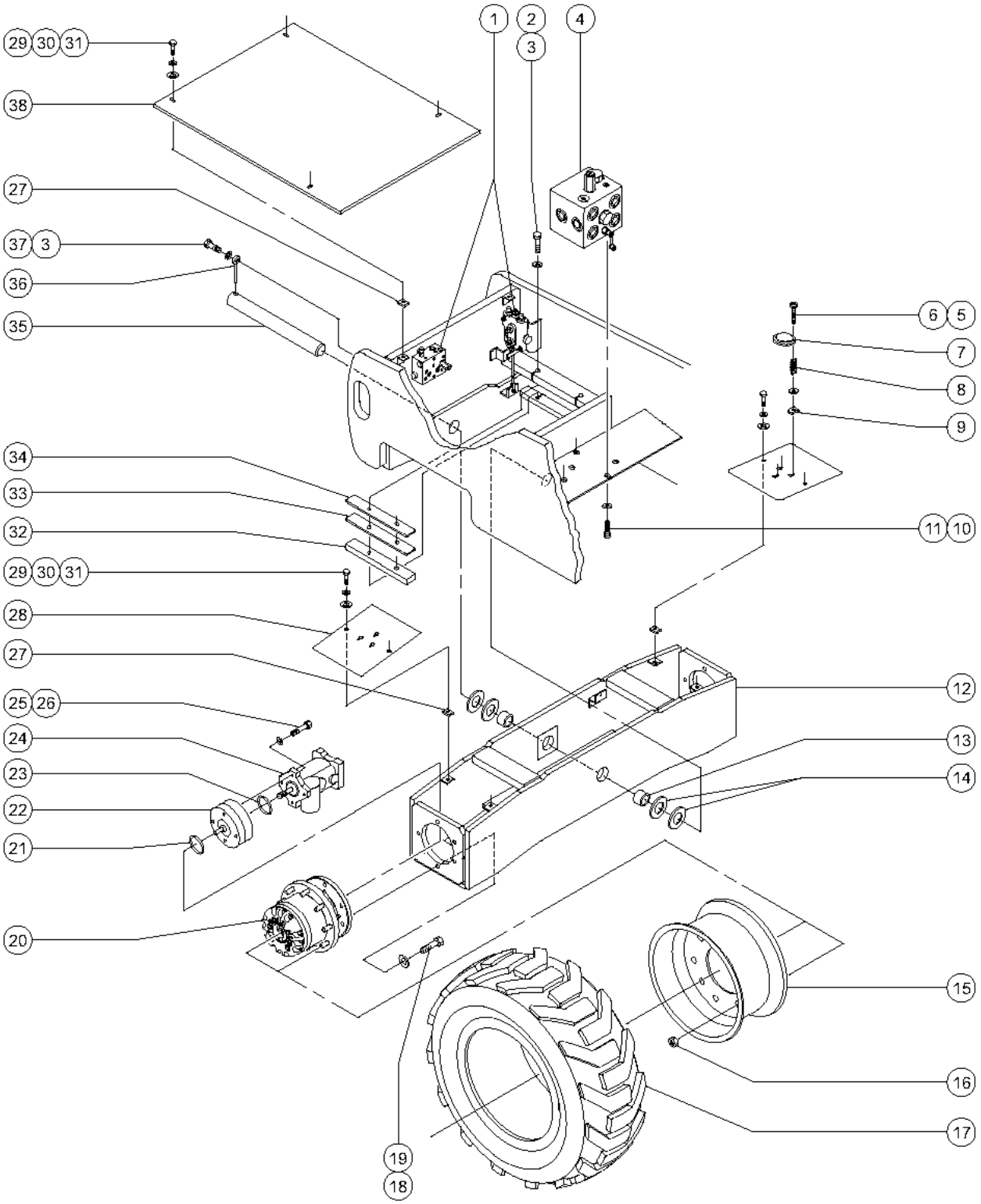
Item	Part No.	Description	Qty.
	34447GT	MANIFOLD,TRACTN,4WD,(S)SERIES* ..... includes index numbers 1 through 6	
	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	33521GT	VALVE,FLOW DIVIDER/COMBINER	1
2	31406GT	VALVE,RELIEF 250 PSI***	1
3	29737GT	PLUG,ORIFICE,0.052 INCH	1
4	52726GT	VALVE,FLOW DIVIDER/COMBINER	2
5	33520GT	PLUG,ORIFICE,0.070	2
6	27761GT	VALVE,SHUTTLE	1
7	48880GT	CAP,DIAGNOSTIC NIPPLE	1
8	48997GT	NIPPLE,DIAGNOSTIC,#4	1
8	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	1
A		Flow Divider/Combiner Valve ..... Controls Flow to Flow Divider/Combiners, items D and E	
B		Relief Valve ..... Charge Pressure Circuit	
C		Orifice Plug ..... Front Drive Motor Circuit	
D		Flow Divider/Combiner Valve ..... Controls Flow to Steer End Drive Motors in Forward/Reverse	
E		Flow Divider/Combiner Valve ..... Controls Flow to Non-steer End Drive Motors in Forward/Reverse	
F		Orifice Plug ..... Rear Drive Motor Circuit	
G		Orifice Plug ..... Equalizes Pressure on both sides of Flow Divider/Combiner Valve, item A	
H		Shuttle Valve,3 position 3 way ..... Charge Pressure, Hot Oil Shuttle	
I		Diagnostic fitting ..... Testing	

304.1 4WD Non-steer Axle



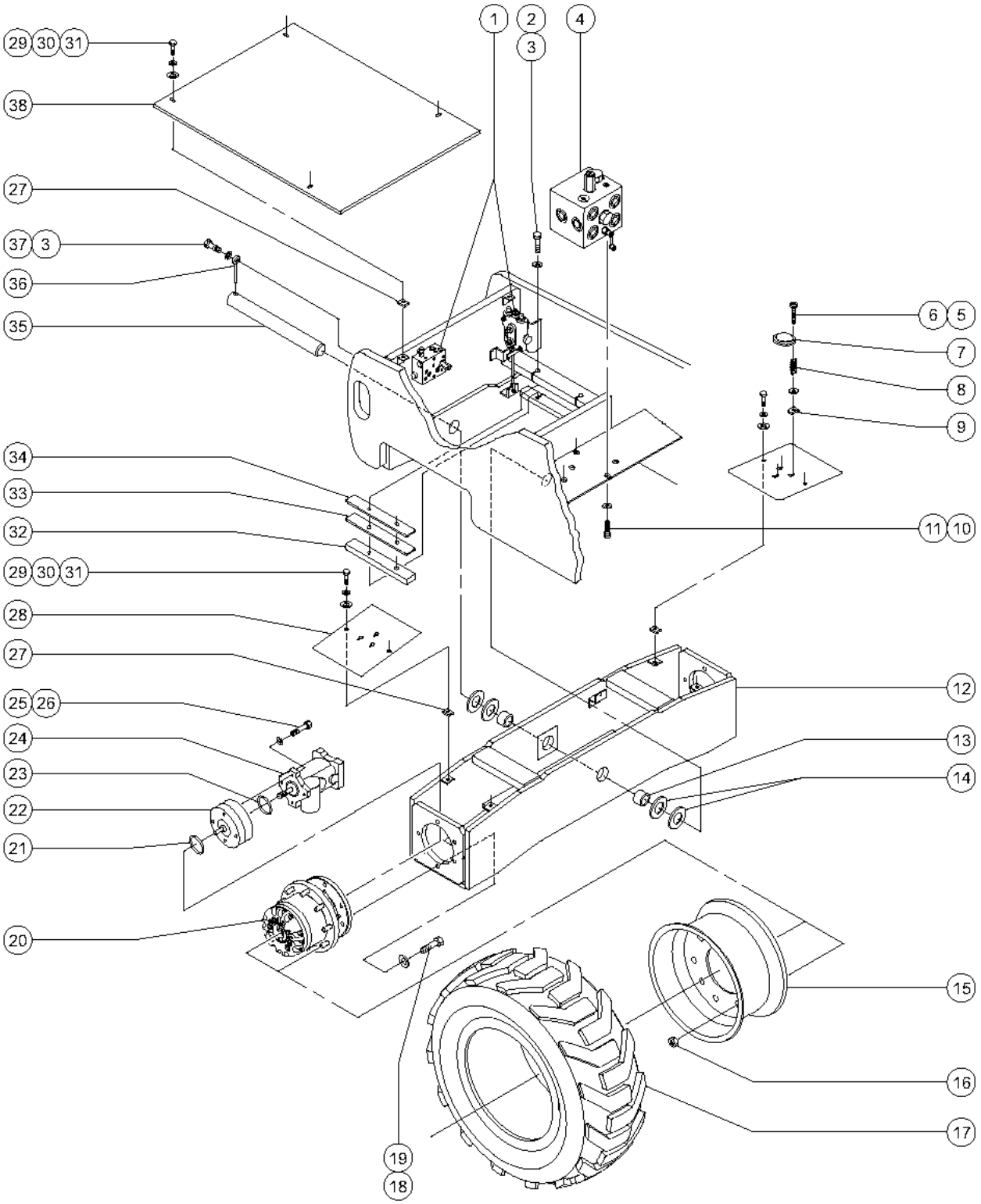
Item	Part No.	Description	Qty.
1		Ref. Oscillation Manifold and Control Valve (refer to Figure 305.1)	
2	6096GT	SCREW,HHC,1/2-13 X 2 GR5	4
3	6021GT	WASHER, LOCK, .375	5
4	34447GT	MANIFOLD,TRACTN,4WD,(S)SERIES*	1
5	73634GT	SCREW,PHIL,PHM,10-24X1.5 ZINC	3
6	6146GT	WASHER,FLAT,MS,#10,Y	3
7	77026GT	LEVEL,BUBBLE,2 DEGREE * European models	1
8	77027GT	SPRING,1X.31 ODX.040WIRE,SS	3
9	73575GT	SPRING CLIP,10-24,.025-.125X.468,ZAG	3
10	8177GT	SCREW,HHC,1/2-13 X 1.5	2
11	6033GT	WASHER,LOCK,0.5"	2
12	32653GT	NON-STEER AXLE ASSY,S40 includes index number 13	1
13	18396GT	BEARING,1.5IDX1.75ODX1.0L	2
14	1256117GT	WASHER,SHIM,1.56X3.5X.061,ZAG	4
15	122348GT	WHEEL, 16.5 X 9.75 S40 for RT tires (9 hole)	2
15B	73924GT	WHEEL, 19.5X14.00 for Flotation tires (9 hole)	
16	54627GT	NUT,LUG,5/8-18 X 90 DEGREE,Z45	18
17	1271439GT	TIRE/WHEEL ASSY,RH,12-16.5/10PR,AIR RT, Air-filled, right (includes item 15) (9 hole)	1
17A	1271438GT	TIRE/WHEEL ASSY,LH,12-16.5/10PR,AIR RT, Air-filled, left (includes item 15) (9 hole)	1
17A-	1271437GT	TIRE,12-16.5/10PR S40 HAULER for 1271439, 1271438	
17A-	122348GT	WHEEL, 16.5 X 9.75 S40 for 1271439, 1271438	
17B	1271441GT	TIRE/WHEEL ASSY,RH,12-16.5/10PR,FOAM RT, Foam-filled, right (9 hole)	2
17B	1271440GT	TIRE/WHEEL ASSY,LH,12-16.5/10PR,FOAM RT, Foam-filled, left (9 hole)	2
17C	73204GT	TIRE & WHEEL ASSY,RH RT, Non-marking, Air-filled, right (includes item 15) (9 hole)	
17C	73205GT	TIRE & WHEEL ASSY,LH RT, Non-marking, Air-filled, left (includes item 15) (9 hole)	
17C	111453GT	ASSY,TIRE/WHEEL,RH,RT,NM,W/SEA RT, Non-marking, Air-filled with sealant, right (9 hole)	
17C	111454GT	ASSY,TIRE/WHEEL,LH,RT,NM,W/SEA RT, Non-marking, Air-filled with sealant, left (9 hole)	
17C-	73212GT	TIRE,12-16.5, 12PR,NON-MARKING for 73204, 73205	

304.1 4WD Non-steer Axle



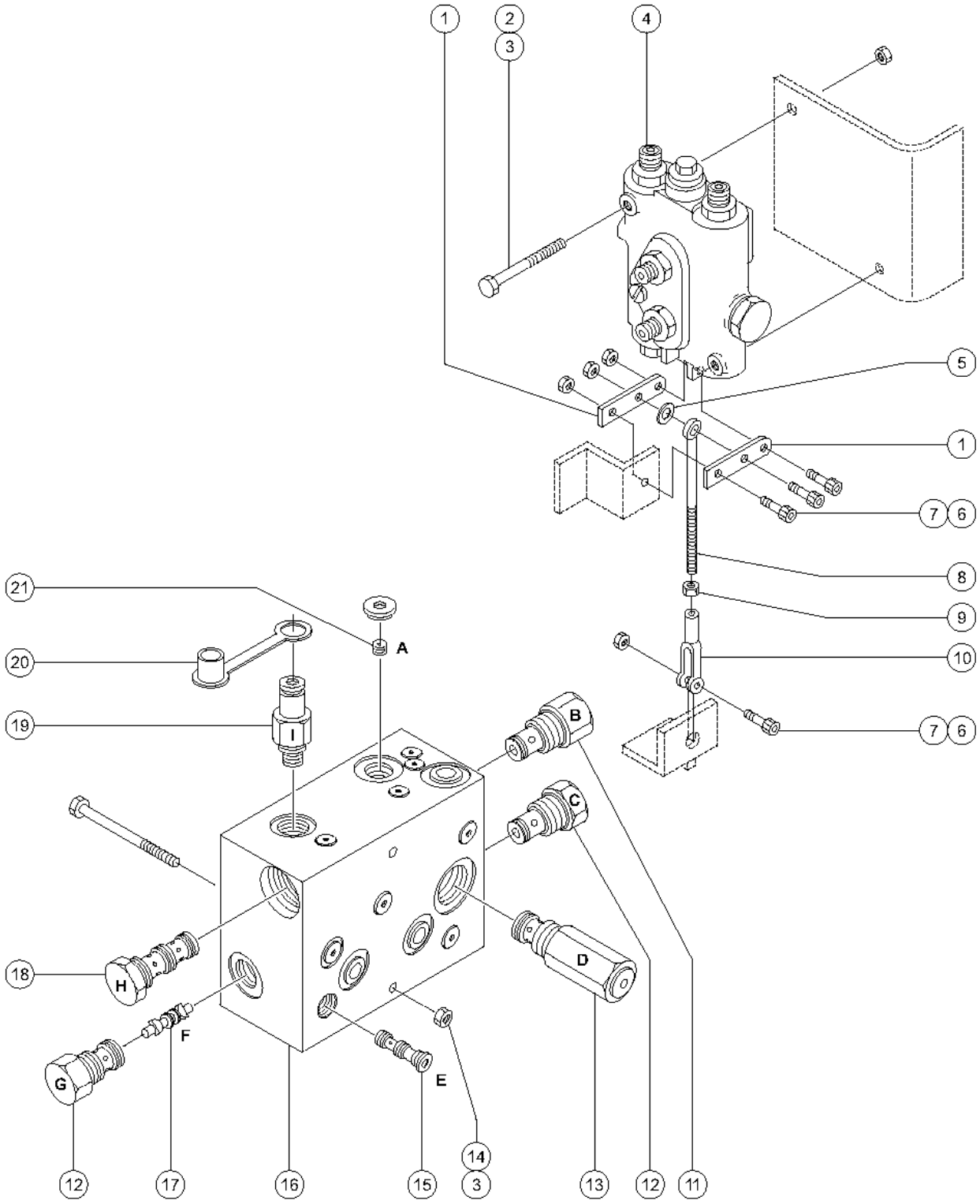
Item	Part No.	Description	Qty.
17D	102802GT	S40 NM RT TIRE,RH RT, Foam-filled, Non-marking, right (9 hole)	
17D	102803GT	S40 NM RT TIRE,LH RT, Foam-filled, Non-marking, left (9 hole)	
17E	73923GT	TIRE & WHEEL ASSY.,FLOTATION Flotation, Air-filled (includes item 15) (9 hole)	
17E-	73925GT	TIRE,33/16LL500,10PLY LITEFOOT for 73923	
17F	73490GT	TIRE & WHEEL ASSY.-RH Flotation, Foam-filled, right (9 hole)	
17F	73491GT	TIRE & WHEEL ASSY.-LH Flotation, Foam-filled, left (9 hole)	
18	45495GT	SCREW,SHC,5/8-11 X 3.00,A574 to SN 5369	12
18-	13004GT	SCREW,HHC,5/8-11 X 3 GRD.8 from SN 5370	12
19	56911GT	WASHER,FLAT,.688X1.160X.09	12
20	20193GT	TORQUE HUB,35:1*** (Seal Kit 1286606, Bearing Kit 1286607)	2
20-	21143GT	BEARING KIT (45553) TORQUE HUB for 20193 (inventory limited to stock on hand as component is no longer available)	
20-	1286607GT	BEARING KIT,TORQUE HUB (20193) for 20193	
20-	1286606GT	SEAL KIT,TORQUE HUB (20193) for 20193 (inventory limited to stock on hand as component is no longer available)	
20-	1286606GT	SEAL KIT,TORQUE HUB (20193) for 20193	
20-	21149GT	LUG,WHEEL STUD,5/8-18,W1/4HB**	2
20-	21143GT	BEARING KIT (45553) TORQUE HUB	2
20-	37097GT	O-RING, TORQUE HUB included in Seal Kit part number 21142	2
20-	21148GT	WASHER,THRUST,TORQUE HUB	2
20-	21146GT	COVER CAP,TORQUE HUB***	2
20-	21144GT	CAP,DISENGAGE-45553 TORQUE HUB	2
20-	21145GT	DISCONNECT ROD-45553 TQ.HUB	2
20-	58438GT	KIT,COVER,TORQUE HUB,45553***	2
20-	58589GT	THRUST CAP (20193)	
21	52087GT	O-RING,2-044 BUNA***	2
22	41912GT	BRAKE,MICO,1200 IN/LB*** includes 1 each of index number 21; to SN 5456	2
22-	41918GT	LINING KIT,MICO BRAKE	2
22-	41918GT	LINING KIT,MICO BRAKE	2
22-	41922GT	BEARING KIT,BRAKE,MICO	2

304.1 4WD Non-steer Axle



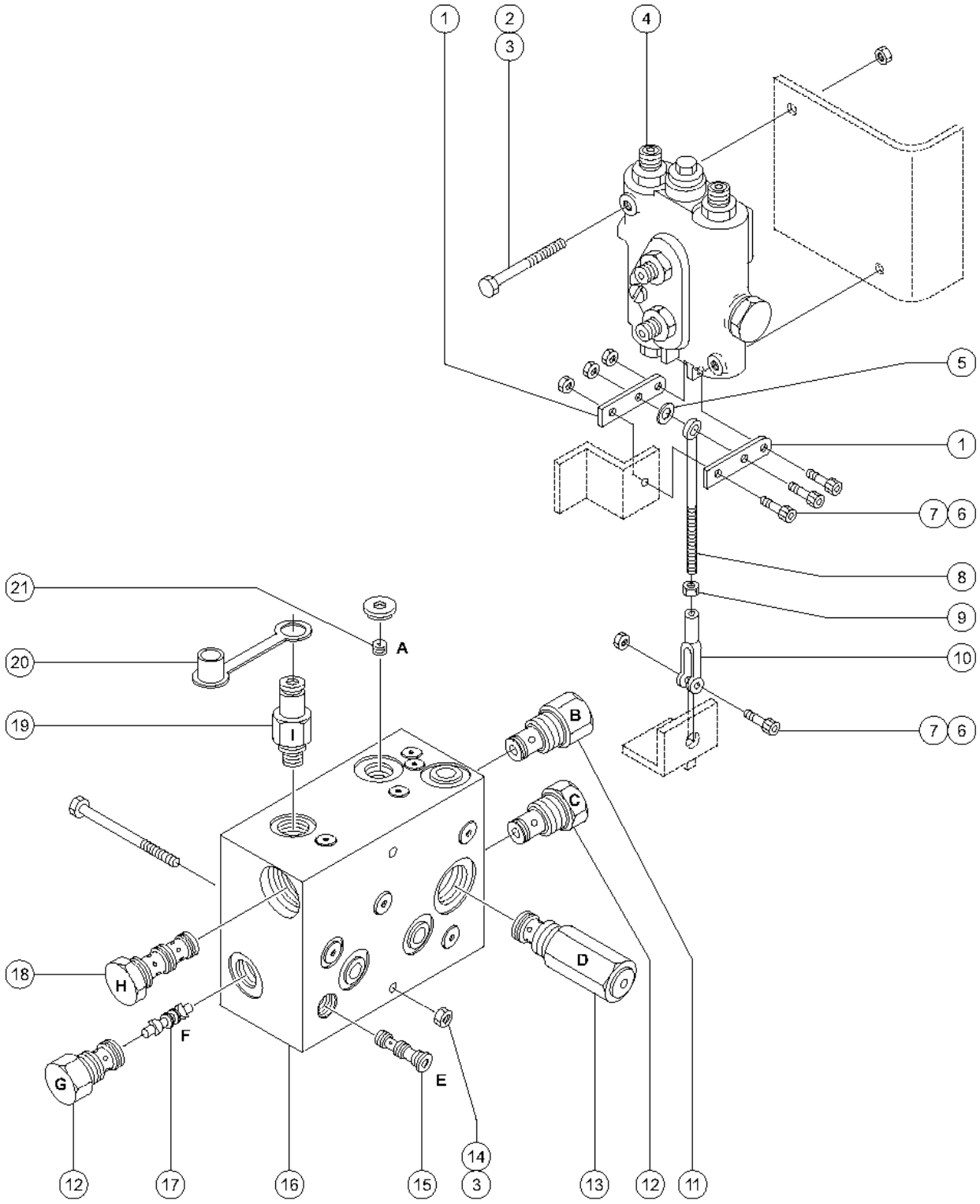
Item	Part No.	Description	Qty.
22-	72319GT	SPRING (RED) MICO For 41912; 8 required per brake	
22-	41912GT	BRAKE,MICO,1200 IN/LB*** includes 1 each of index number 21; from SN 5457	2
22-	77240GT	SEAL KIT, AUSCO BRAKE***	2
22-	77239GT	LINING KIT,AUSCO BRAKE***	2
22-	65608GT	BEARING KIT, AUSCO***	2
23	22811GT	O-RING,MOTOR TO BRAKE*** measures approx 4" x 0.10"	2
24	41398GT	MOTOR,HYDRAULIC,AXIAL PORTS*** includes 1 each index number 23	2
24-	32680GT	SEAL KIT,SUNSTRAND	2
25	7261GT	SCREW,HHC,1/2-13 X 5 BLACK to SN 5369	8
25-	73858GT	SCREW,SHC,1/2-13X5.0 GR 5 ZINC from SN 5370	8
26	13066GT	WASHER,FLAT,.5 HARDENED	8
27	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	8
28	30802P-SGT	COVER,NON-STEER AXLE "BLUE"	2
29	6090GT	SCREW, HHC, 1/4-20 X .75	8
30	6356GT	WASHER,LOCK,.25	8
31	6638GT	WASHER, FLAT, USS, 1/4"Y	8
32	30690GT	BAR,AXLE ROTATION STOP,OSC. ** oscillating models	2
32-	30691GT	BAR,AXLE ROTATION STOP,NON-OSC non-oscillating models	2
33	30808GT	SHIM,AXLE ROTATION STOP	2
34	30809GT	SHIM,AXLE ROTATION STOP,22 GA.	2
35	30735GT	PIN, 1.50DIAX17.50LG, CHAMFER	1
36	825019GT	ROD END, .375X3.69, ZAG	1
37	6175GT	SCREW,HHC,3/8-16 X 1	1
38	32682GT	COVR W/DECL,DR.CHAS.NONSTEER to SN 2872	1
38-	89803GT	COVER, CHASSIS ASSY W/DECALS from SN 2873	1

305.1 4WD Oscillation Manifold and Control Valve

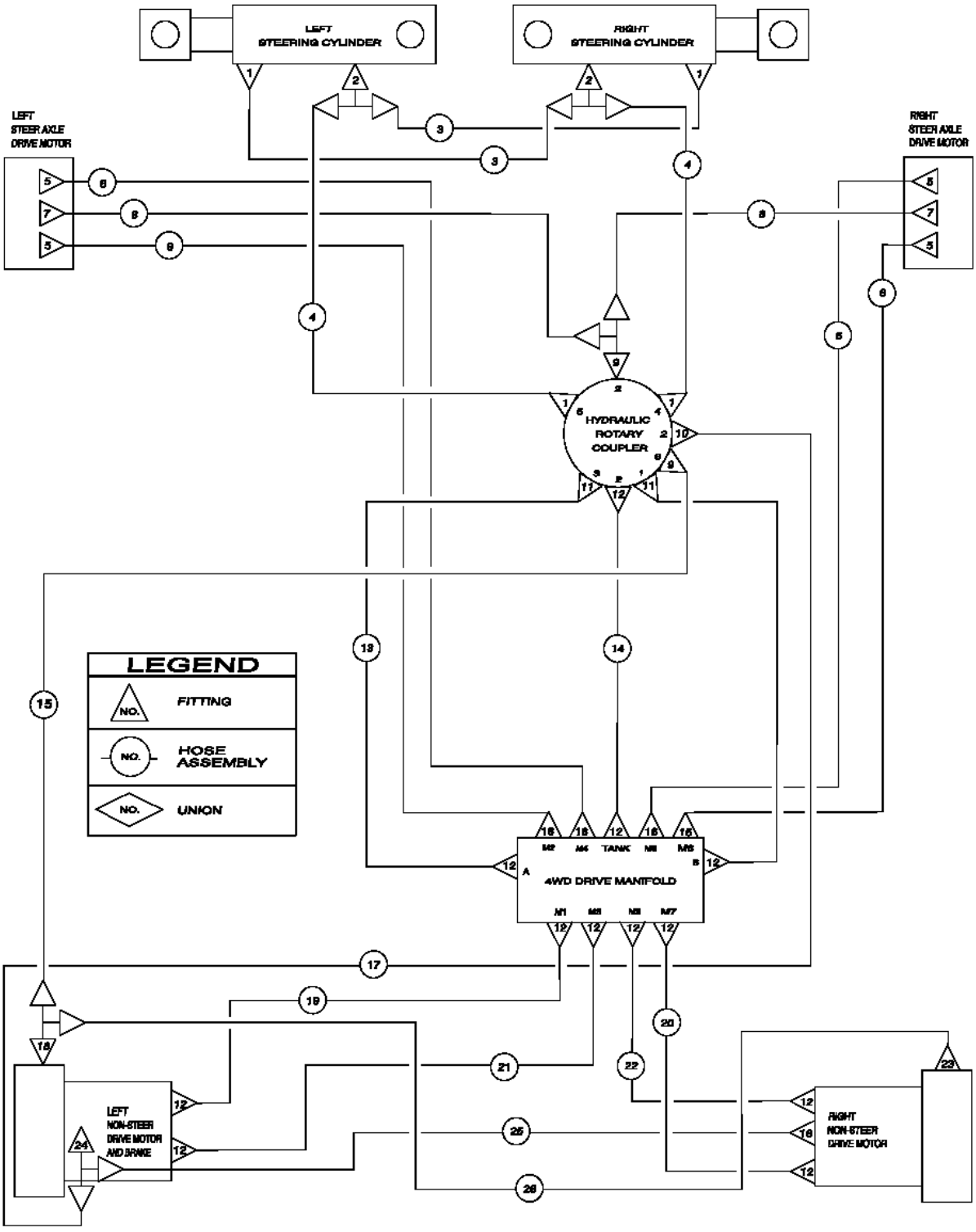


Item	Part No.	Description	Qty.
	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	30884GT	OSCILLATE VALVE LINKAGE	2
2	4266GT	SCREW,HHC,1/4-20 X 2	2
3	6091GT	NUT,NYLOCK,1/4-20	4
4	30558GT	VLV,MAN,3 POS/4 WAY,OPEN CTR	1
4-	32681GT	SEAL KIT,CONTROL VALVE	1
5	20980GT	WASHER,NYLON,.434 X.263X.049	1
6	6584GT	SCREW,SHS,10-24 X .625	4
7	5365GT	NUT,NYLOCK,10-24	4
8		LINKAGE ROD no longer available	1
9	21496GT	NUT,HEX,1/4-28	1
10	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN includes clevis pin and cotter pin	1
11	27532GT	VALVE,DIFFERENTIAL SENSING	1
12	32725GT	VALVE,CHECK (30797)	2
13	37050GT	VALVE,UNLOADER,P.O.	1
14	11413GT	SCREW,HHC,1/4-20 X 4	2
15	45483GT	VALVE,SHUTTLE***	1
16	30797GT	MANIFOLD,OSCILLATION includes index numbers 11 through 13, 15, 17, 18 and 21	1
16-	25375GT	KIT, O-RING	1
17	32724GT	PISTON (30797)	1
18	32723GT	VALVE,SHUTTLE (30797)	1
19	48997GT	NIPPLE,DIAGNOSTIC,#4	1
19-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	1
20	48880GT	CAP,DIAGNOSTIC NIPPLE	1
21	29737GT	PLUG,ORIFICE,0.052 INCH	1

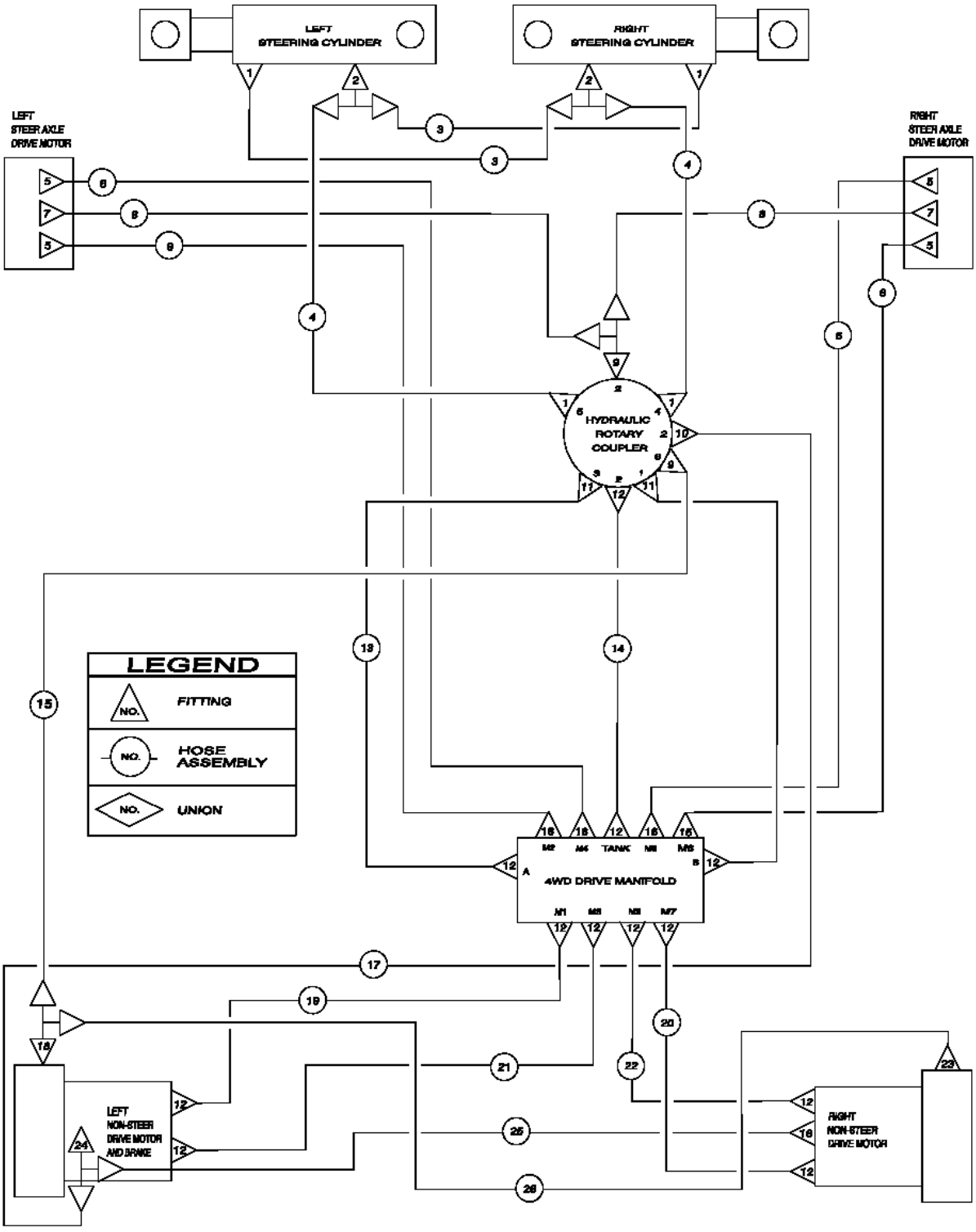
305.1 4WD Oscillation Manifold and Control Valve



Item	*Part No.*	*Description*	*Qty.*
A		Orifice Plug Differential Sensing Circuit	
B		Differential Sensing Valve Differential Sensing	
C		Check Valve Oscillate, Left	
D		Valve, Unloader Pilot Operated Sequencing	
E		Shuttle Valve, 2 position 3 way Pilot	
F		Piston Check Valve Circuit.	
G		Check Valve Oscillate, Right	
H		Shuttle Valve, 2 position 3 way Unloading	
I		Diagnostic Fitting Testing	

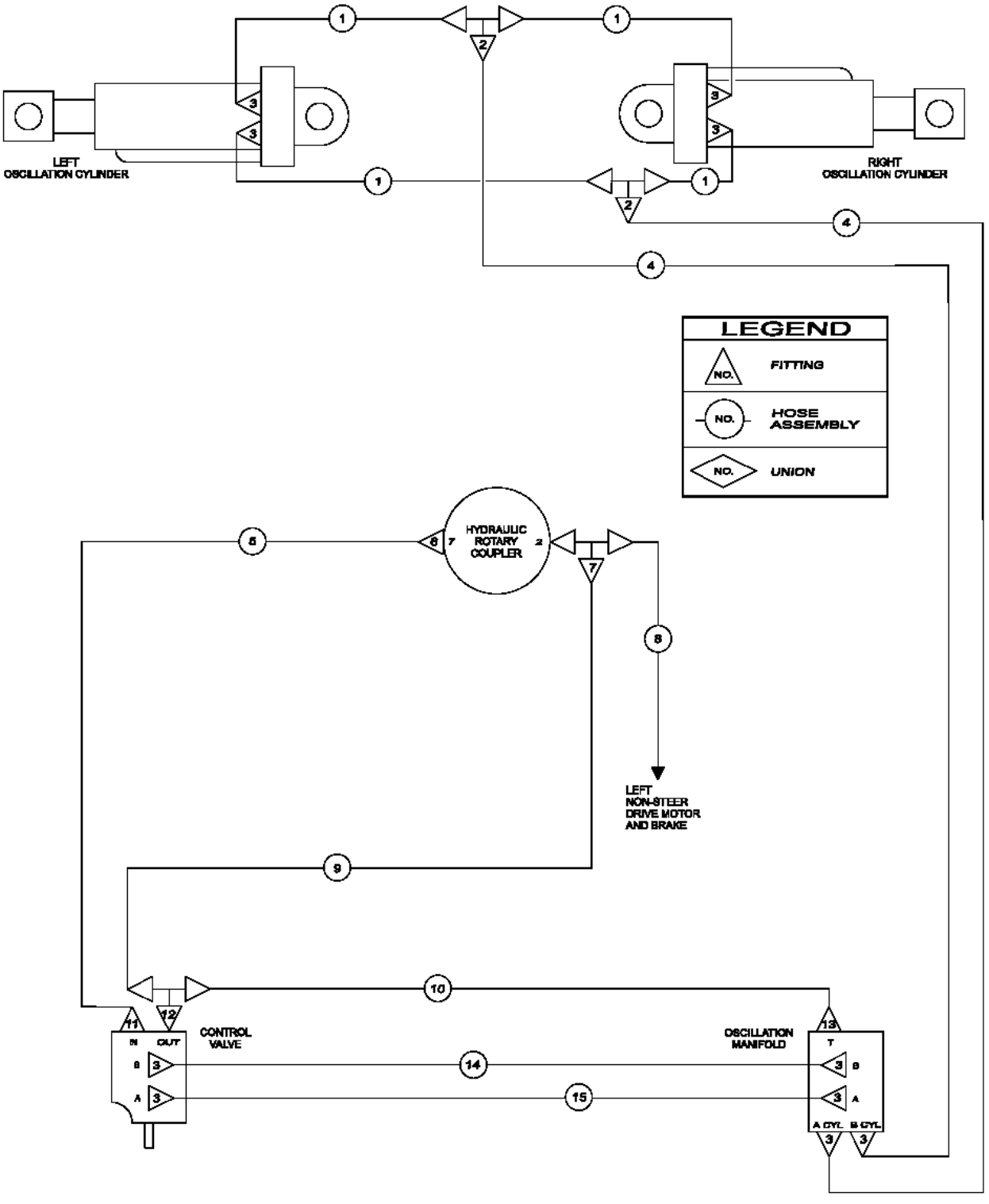

LEFT STEERING CYLINDER
RIGHT STEERING CYLINDER
LEFT STEER AXLE DRIVE MOTOR
RIGHT STEER AXLE DRIVE MOTOR
HYDRAULIC ROTARY COUPLER
4WD DRIVE MANIFOLD
TANK
LEFT NON-STEER DRIVE MOTOR AND BRAKE
RIGHT NON-STEER DRIVE MOTOR
LEGEND
NO. FITTING
NO. HOSE ASSEMBLY
NO. UNION

Item	Part No.	Description	Qty.
	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	48915GT	ELBOW,90D,520220-6	4
2	48919GT	TEE,BRANCH,520429-6	2
3	49130-2332GT	HOSE ASSEMBLY, 3/8"	2
4	49128-5909GT	HOSE ASSEMBLY,3/8"	2
5	48948GT	CONN,520120-8-12	4
6	61143-10270GT	ASSY, HOSE, HYD, -8, 4250, STR, 45	4
7	48937GT	ELBOW,45D,520320-8	2
8	49141-7813GT	HOSE ASSY,1/2,45 FEM,STR FEM	2
9	48935GT	TEE,RUN, 520428-8	2
10	48911GT	ELBOW,90D,520220-4-6***	1
11	48963GT	FITTING,ELBOW,45D,520320-12***	2
12	48960GT	FITTING,CONN,520120-12***	12
13	49156-2606GT	HOSE ASSY,3/4,90 FEM,STR FEM	1
14	49149-1826GT	HOSE ASSY,3/4,45 FEM,STR FEM	1
15	49172-7388GT	HOSE ASSEMBLY,1/2"	1
16	48946GT	CONN,520120-8-10	5
17	49117-7641GT	HOSE ASSY,1/4,90 FEM,STR FEM	1
18	48953GT	TEE,RUN,520428-10	1
19	49157-4335GT	HOSE ASSEMBLY,3/4"	1
20	89871-3848GT	HOSE ASSEMBLY,3/4" STR-STR***	1
21	89871-3948GT	HOSE ASSEMBLY,3/4" STR-STR	1
22	89871-3348GT	HOSE ASSEMBLY,3/4" STR-STR	1
23	48904GT	ELBOW, 90D, 520220-4	1
24	48906GT	TEE,RUN,520428-4	1


LEFT STEERING CYLINDER
RIGHT STEERING CYLINDER
LEFT STEER AXLE DRIVE MOTOR
RIGHT STEER AXLE DRIVE MOTOR
HYDRAULIC ROTARY COUPLER
4WD DRIVE MANIFOLD
TANK
LEFT NON-STEER DRIVE MOTOR AND BRAKE
RIGHT NON-STEER DRIVE MOTOR
LEGEND
NO. FITTING
NO. HOSE ASSEMBLY
NO. UNION

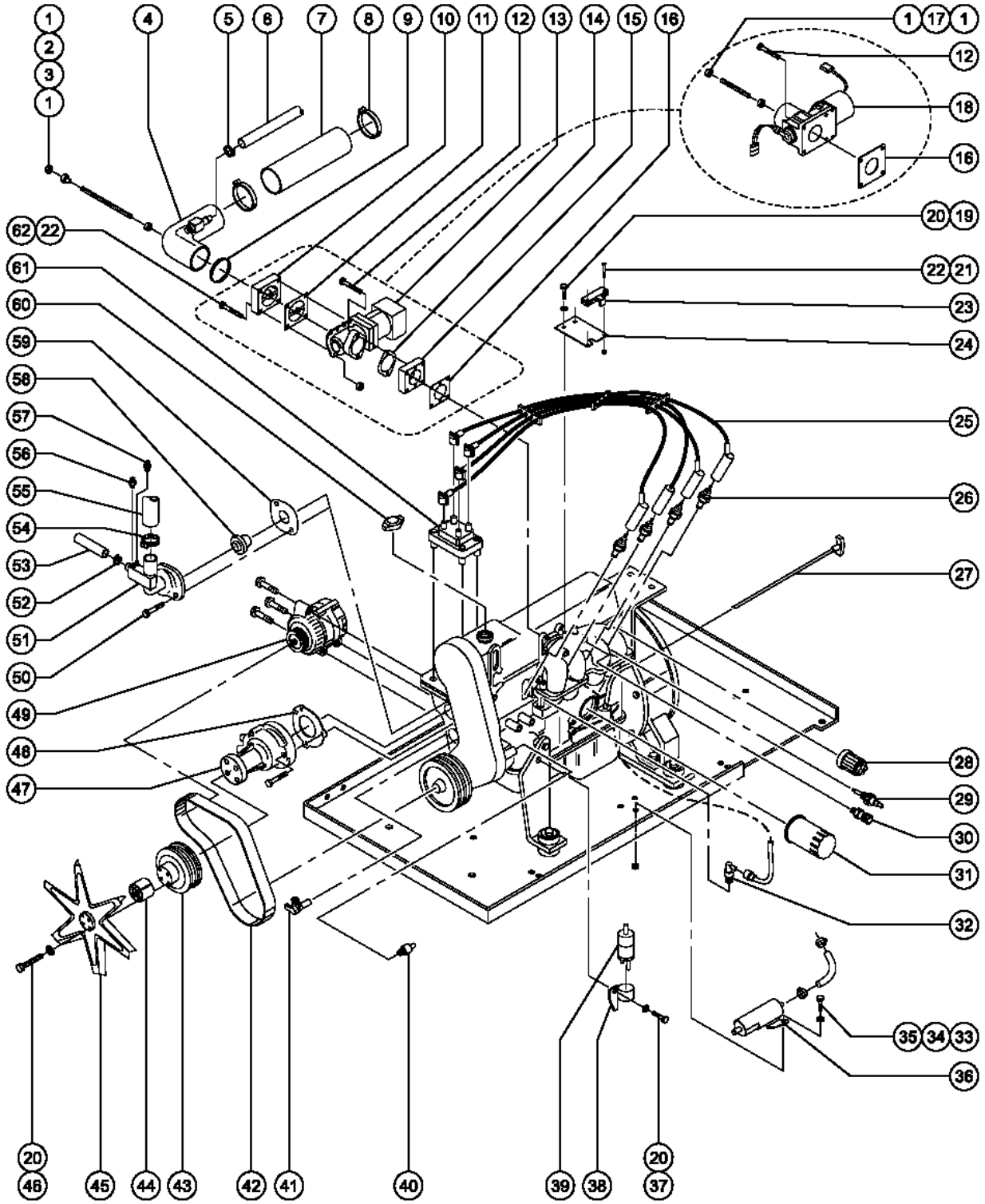
Item	*Part No.*	*Description*	*Qty.*
25	49139-4518GT	HOSE ASSEMBLY,1/2"	1
26	49119-6078GT	HOSE ASSY,1/4,STR FEM,STR FEM	1

307.1 4WD Hydraulic Hoses and Fittings - Oscillation System



Item	Part No.	Description	Qty.
	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	49130-2357GT	HOSE ASSEMBLY,3/8"	4
2	48896GT	CONN,TEE,UNION,520401-6,ORFS	2
3	48916GT	CONN, 520120-6	10
4	49104-10809GT	HOSE ASSEMBLY,3/8"	2
5	49125-5970GT	HOSE ASSEMBLY,3/8"	1
6	48915GT	ELBOW,90D,520220-6	1
7	48935GT	TEE,RUN, 520428-8	1
8	49117-7641GT	HOSE ASSY,1/4,90 FEM,STR FEM	1
9	49141-6063-SGT	Hose Assembly - Components: @ 58 inches (147 cm)	1
10	49143-1204-SGT	Hose Assembly - Components: @ 10 inches (25 cm)	1
11	48930GT	CONN,520120-6-8	1
12	48936GT	TEE,BRANCH,520429-8	1
13	48943GT	FITTING,CONN,520120-8-6	1
14	49124-1453-SGT	Hose Assembly - Components: @ 12 inches (31 cm)	1
15	49128-1109-SGT	Hose Assembly - Components: @ 9 inches (23 cm)	1

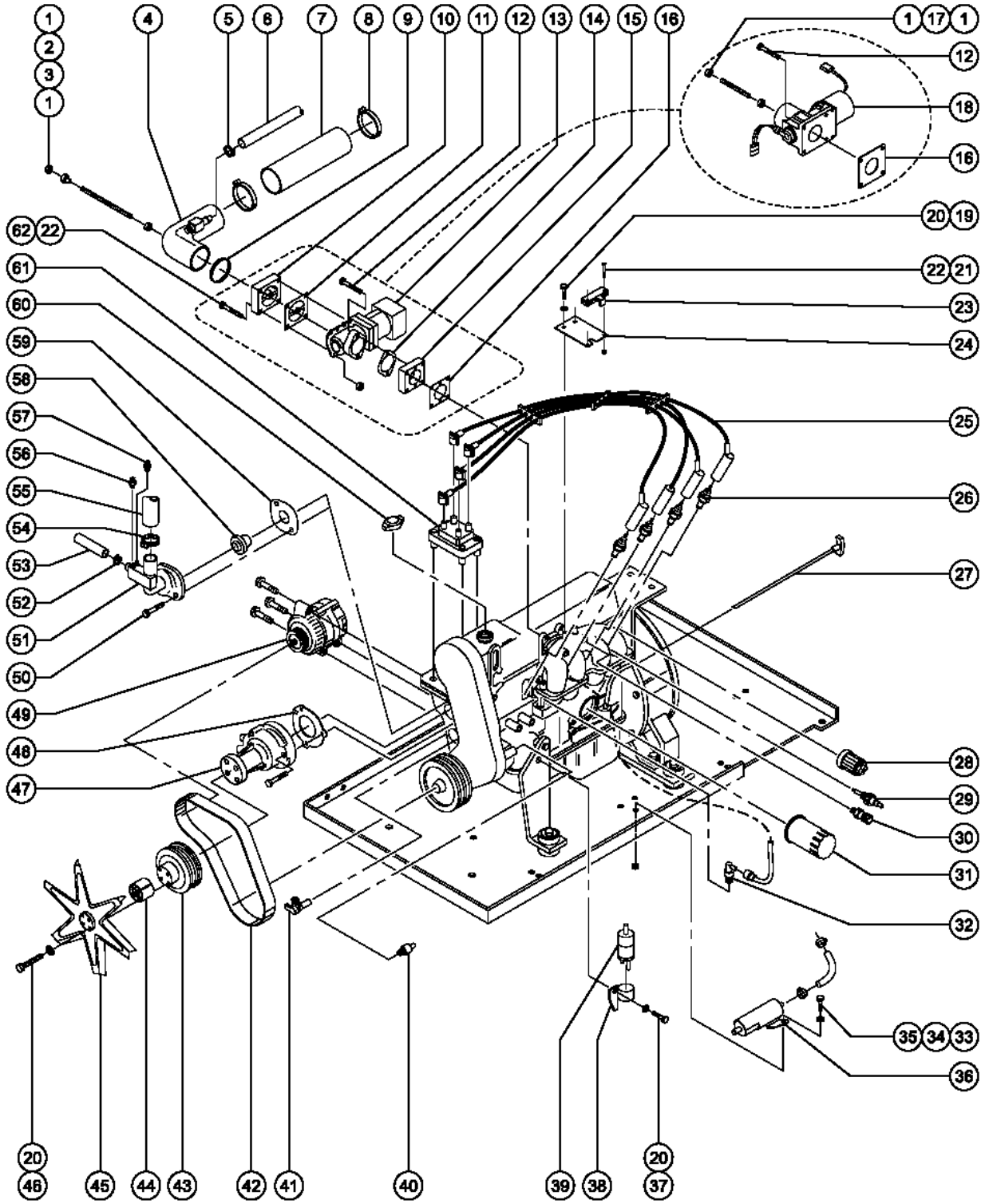
401.1 Ford LRG-425 EFI Engine - View 1



401.1 Ford LRG-425 EFI Engine - View 1

Item	Part No.	Description	Qty.
-	49735GT	ENGINE,FORD LRG 425,EFIZ45 (remanufactured long block only, does not include starter, alternator, radiator or fuel system)	
	65770GT	BELT,TIMING,FORD LRG423/425EFI	1
1	6889GT	NUT,LP NYLOCK,1/4-20	2
2	27010GT	VALVE,LOCK OFF,BEAM #FL-418	1
3	27507GT	THREADED ROD,1/4-20,4.5" to SN 3661	1
4	24552GT	VENTURI,BEAM (FORD) ***	1
5	46131GT	CLAMP,HOSE,.63" - 1.0" X .5"	2
6	53832GT	HOSE,FIRE RES.,5/8 ID,BULK	
7	53125GT	HOSE,AIR INTAKE 2.5 ID X 6.5	1
8	45435GT	CLAMP,HOSE,2.50"	2
9	65455GT	GASKET-VENTURI BEAM (FORD)	1
10	48471GT	ADAPTER,LP VENTURI to SN 3661	1
11		GASKET,LP ADAPTER to SN 3661 (no longer available)	1
12	49386GT	SCREW,HHC,M8 X 40 to SN 3661	2
13		KIT,FORD EFI UPDATE,BASE*** to SN 3661, (no longer available)	1
14	52577GT	GASKET - THROTTLE BODY, 425EFI to SN 3661	1
15	88455GT	ADAPTER,THROTTLE ACTUATOR*** to SN 3661	1
16	52579GT	GASKET,ADAPTER PLATE,425EFI*** to SN 3661	1
17	27507GT	THREADED ROD,1/4-20,4.5" from SN 3342	1
18		ACTUATOR, FORD EFI PRECISION from SN 3342; component no longer available	1
19	23057GT	SCREW,HHC,M8 X 20MM	2
20	49408GT	WASHER, LOCK, M8	7
21	49817GT	SCREW,PHILLIPS,PHM,10-32 X1.25	2
22	6178GT	NUT, NYLOCK, 10-32	6
23	49898GT	MAP SENSOR, EFI	1
24	53821PGT	BRACKET,MAP SENSOR,PAINTED	1
25	52570GT	SPARK PLUG WIRE SET, LRG425EFI	1
26	28647GT	SPARK PLUG,FORD	4

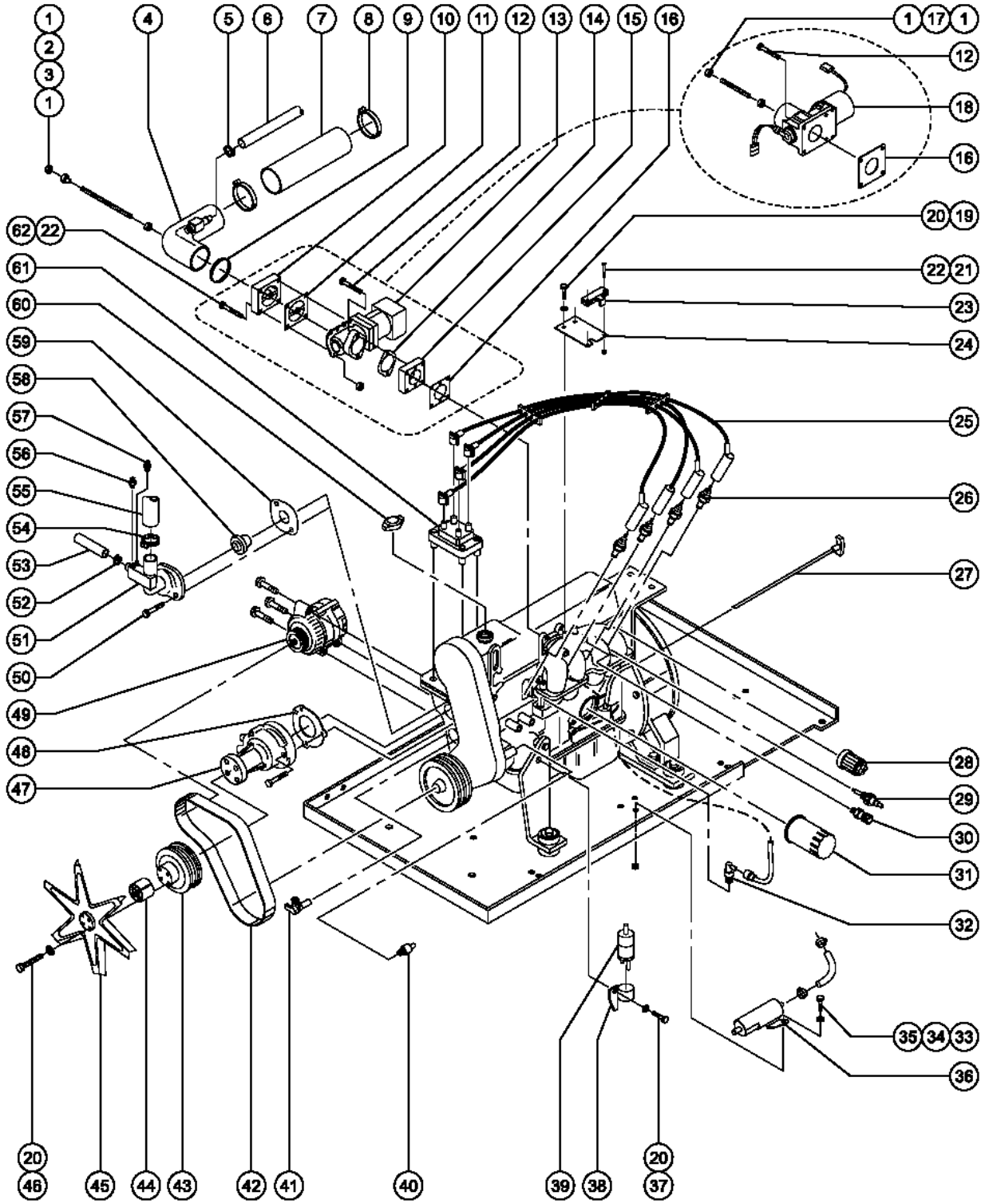
401.1 Ford LRG-425 EFI Engine - View 1



401.1 Ford LRG-425 EFI Engine - View 1

Item	Part No.	Description	Qty.
26-	52656GT	FUEL INJECTOR, LRG-425 EFI	4
27	52566GT	DIPSTICK, OIL LEVEL,LRG425 EFI	1
28	30810GT	SENDING UNIT,OIL PRESSURE*** dual-terminal sender	1
29	34058GT	SENDING UNIT,TMP,FRD,GM,PRK704	1
30	52652GT	SENSOR,AIR TEMP,LRG-425 EFI***	1
31	28656GT	FILTER,OIL,FORD Genie genuine part	1
31-	1259054GT	FILTER, OIL, FORD Genie aftermarket	
32	33957GT	VALVE,PCV-FORD LRG***	1
33	8915GT	SCREW, HHC, 1/4-20 X 1.25	3
34	6638GT	WASHER, FLAT, USS, 1/4"Y	3
35	6091GT	NUT,NYLOCK,1/4-20	3
36A	81941GT	FUEL PUMP RELOCATION KIT	1
36B	77219GT	PUMP, FUEL, LRG425, WALBRO	1
37	25929GT	SCREW,HHC,M8 X 30MM,GRD 8.8	1
38	65453GT	BRACKET-FUEL FILTER (52567)	1
39	58967GT	FUEL PRESSURE REG,425EFI***	1
40	58900GT	SENSOR,CAM,EFI***	1
41	33968GT	SENSOR, CRANK POSITION	1
42	52580GT	BELT,SERPENTINE,LRG425 EFI***	1
42-	65770GT	BELT,TIMING,FORD LRG423/425EFI	1
43	52078GT	PULLEY,FORD ENGINE,LRG-423***	1
44	52077GT	SPACER,FAN TO WATERPUMP LRG423	1
45		FAN, LSG423/LRG425 (52076) component no longer available	1
46	32309GT	SCREW,HHC,M8 X 60MM X 1.25	4
47	33963GT	PUMP, WATER, WITH GASKET includes index number 48	1
48	33964GT	GASKET, WATER PUMP	1
49	33960GT	ALTERNATOR,LRG-423 RE-BUILT*	1
50	65454GT	BOLT-FLANGE,M6 X 22MM(52573)	2

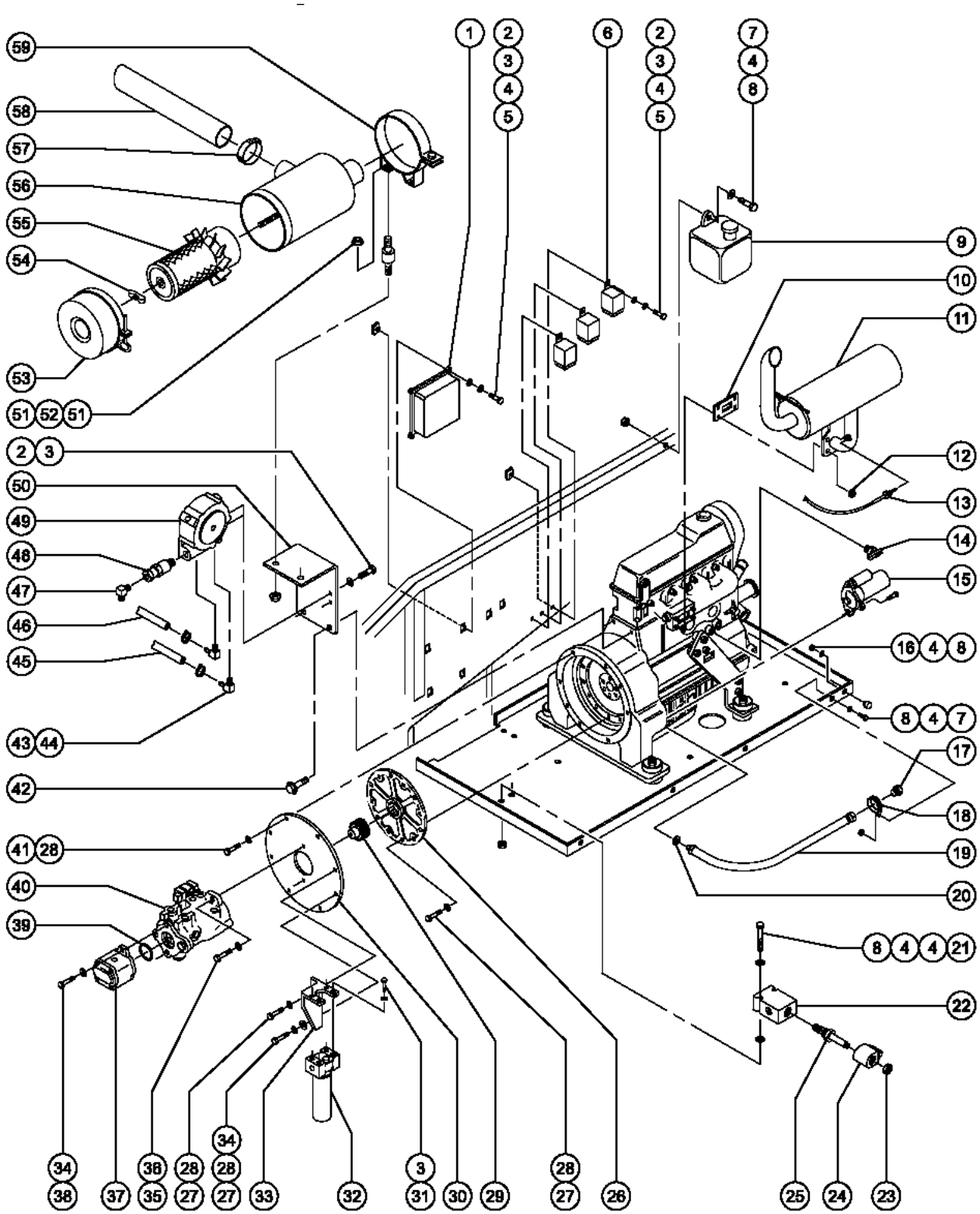
401.1 Ford LRG-425 EFI Engine - View 1



401.1 Ford LRG-425 EFI Engine - View 1

Item	Part No.	Description	Qty.
51	52573GT	THERMOSTAT HOUSING, LRG425 EFI	1
52	36208GT	CLAMP,HOSE,1.25***	1
53	52762GT	HOSE,WATER INLET,LRG425 EFI	1
54	22672GT	CLAMP,HOSE,1.75	1
55	54862GT	HOSE,UPPER RADIATOR,Z45	1
56	33972GT	SENSOR,COOLANT TEMP*	1
57	65456GT	SENDING UNIT-H20TMP LRG425EFI*	1
58	33966GT	THERMOSTAT, FORD LRG	1
59	52575GT	GASKET,THERM.HSNG O-RING	1
60	49881GT	OIL FILLER CAP FOR LRG ENGINE	1
61	33970GT	COIL, ELECTRONIC IGN., FORD	1
62	30469GT	SCREW,FHM,10-32 X 1.5	4

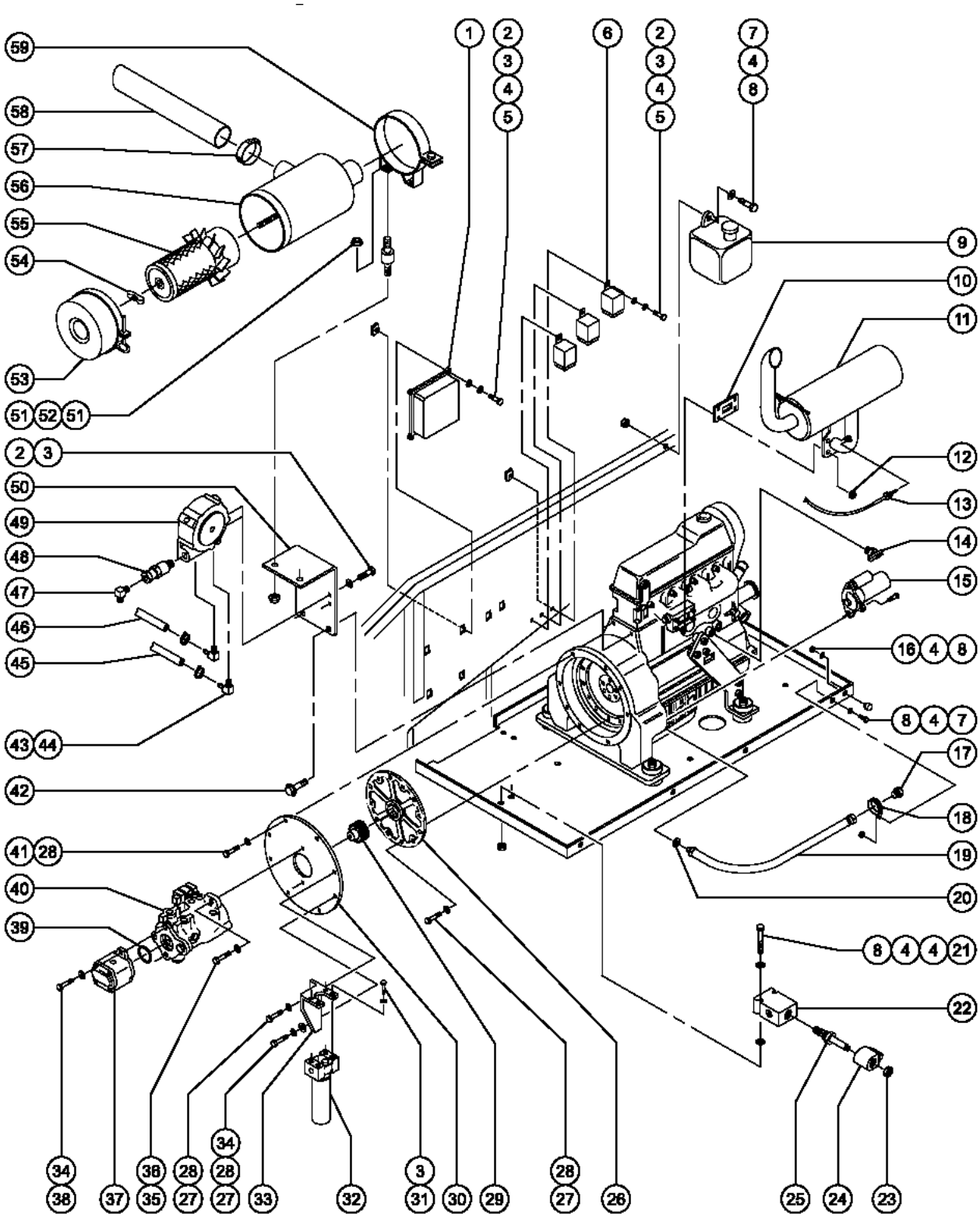
402.1 Ford LRG-425 EFI Engine - View 2



402.1 Ford LRG-425 EFI Engine - View 2

Item	Part No.	Description	Qty.
	65770GT	BELT,TIMING,FORD LRG423/425EFI	
1		ENGINE PERFORMANCE MODULE T1** no longer available	1
2	6888GT	SCREW, HHC, 1/4-20 X 1	9
3	6356GT	WASHER,LOCK,.25	13
4	6638GT	WASHER, FLAT, USS, 1/4"Y	14
5	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	7
6	52592GT	RELAY - LRG425 EFI	3
7	8915GT	SCREW, HHC, 1/4-20 X 1.25	2
8	6091GT	NUT,NYLOCK,1/4-20	5
9	1279268GT	BOTTLE, COOLANT RECOVERY, 2QT includes cap	1
9-	72327GT	CAP, COOLANT RET SYS(54071)	
10	27142GT	GASKET,EXHAUST***	1
11	77885GT	MUFFLER,FORD LRG S40-60-80***	1
12	35818GT	NUT,EXHAUST MANIFOLD-FORD,LRG	4
13	52564GT	SENSOR,O2,LRG 425 EFI***	1
14	28717GT	VALVE,DRAIN,FORD,BLOCK,RAD.	1
15	29616GT	STARTER,ENGINE,FORD LSG/LRG***	1
15	29606GT	RING GEAR,FORD*** FITS LSG-LRG 423, AND LRG425	
16	34619GT	BUMPER,RUBBER***	1
17	63426GT	PLUG,070109-8	1
18	21618GT	CLAMP,1.13,#18 X 1/4,RUB CUSH	1
19	63427GT	HOSE ASSY,FORD OIL DRAIN 1/2"	
20	53910GT	GASKET, FORD OIL DRAIN	1
21	4266GT	SCREW,HHC,1/4-20 X 2	2
22	30369GT	SOLENOID VALVE,N.C. 2POS. 3WAY includes index numbers 23 through 25	1
23	45912GT	NUT,SOLENOID VALVE 2P3W	2
24	27814GT	COIL,SOLENOID,10V	2
25	29066GT	VALVE,SOLENOID,10V,2POS 3WAY** includes index numbers 23 and 24	2

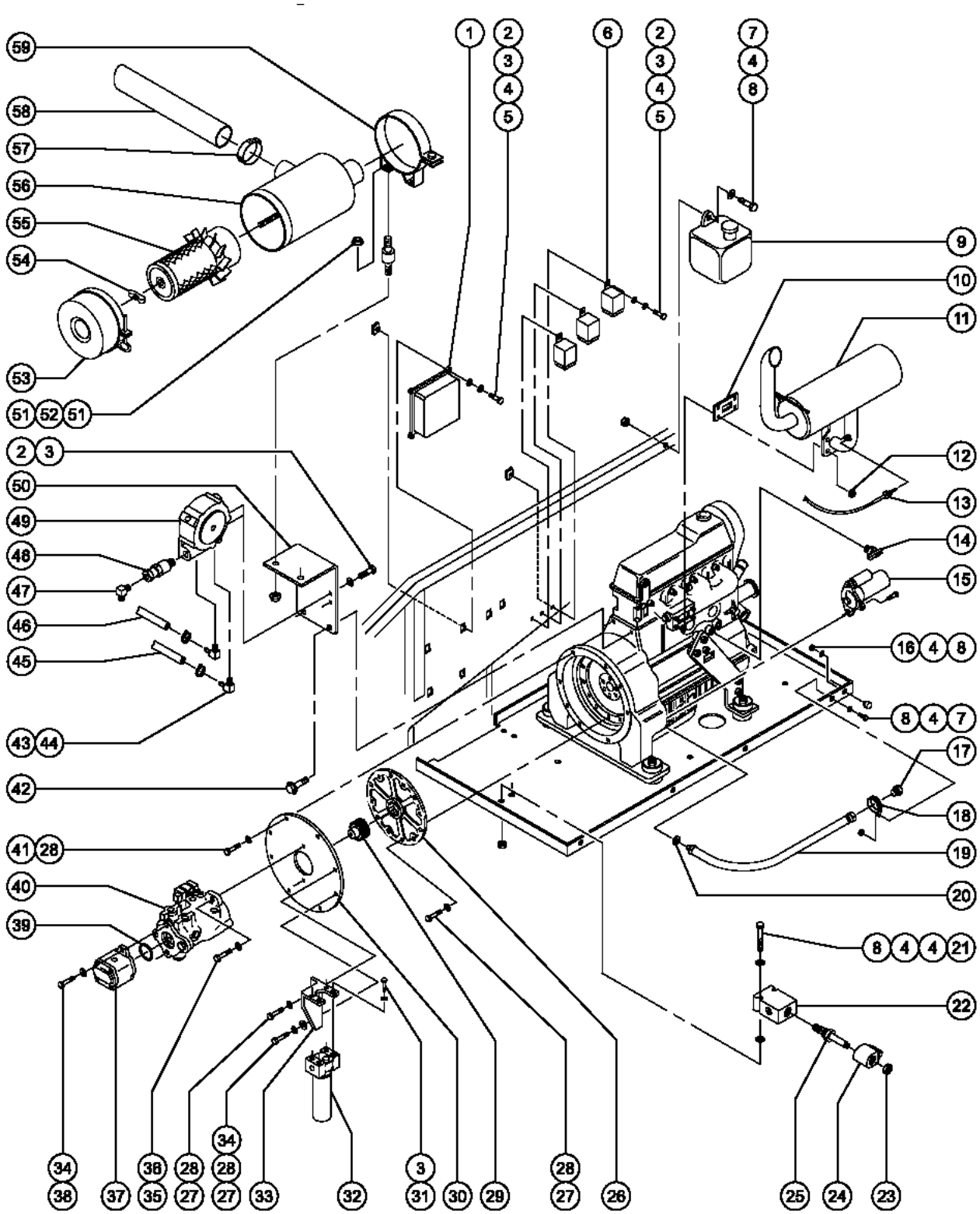
402.1 Ford LRG-425 EFI Engine - View 2



402.1 Ford LRG-425 EFI Engine - View 2

Item	Part No.	Description	Qty.
26	33024GT	FLYWHEEL FLANGE,GREEN PLASTIC	1
27	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	10
28	6021GT	WASHER, LOCK, .375	20
29	37002GT	COUPLER,HUB,15 TOOTH 7/16BOLT*	1
30	25571P-SGT	PLATE,PUMP MOUNT,FORD,PAINTED	1
31	7339GT	SCREW,HHC,1/4-20 X .5	4
32		FILTER ASY,M PRESS,SAE8,WOIND* (77139) from SN 6091 (component no longer available)	1
32-	60857GT	FILTER,ELEMENT,BETA(5)=1000 for 77139; from SN 6091	
32-	20880GT	FILTER ELEMENT-10 MIC.*** for 20879 (no longer available); to SN 6090	1
32A	1267807GT	ASSEMBLY, MED. PRESS. FILTER, SAE8	
32A-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS for 1267807	
33	30230P-SGT	FILTER MOUNT BRACKET	1
34	6097GT	WASHER, FLAT, USS, 3/8", Y	3
35	8177GT	SCREW,HHC,1/2-13 X 1.5	2
36	6033GT	WASHER,LOCK,0.5"	2
37	53961GT	PUMP,LIFT 1.025 C.I.*** Models before SN 4123 must order complete assy 53964 for first time replacement of pump.	1
37-	53962GT	SEAL KIT,LIFT PUMP (53961)***	1
38	33988GT	SCREW,SHC,3/8-16 X 1	2
39	29436GT	O-RING***	1
40	53964GT	PUMP ASSY, M46+1.0 CU IN LIFT* includes 2 each index number 34 and index numbers 37 through 39; from SN 4123	1
40-	46674GT	PUMP,VAR.PISTON M46 2.8 CIQVP*	1
40-	22965GT	EDC ASSY,SAUER,M46***	1
40-	29739GT	SEAL KIT,SAUER-DANFOSS M46***	1
40-	32611GT	SHAFT,M46 15 TOOTH	1
40-	27067GT	SEAL,SHAFT-SUNDSTRAND***	1
41	6175GT	SCREW,HHC,3/8-16 X 1	8
42	53024GT	SCR,M 10X40 LG HEX FLG. SERR.	2
43	37017GT	HOSE END,90DEG,.63 HS X.25 MPT	2

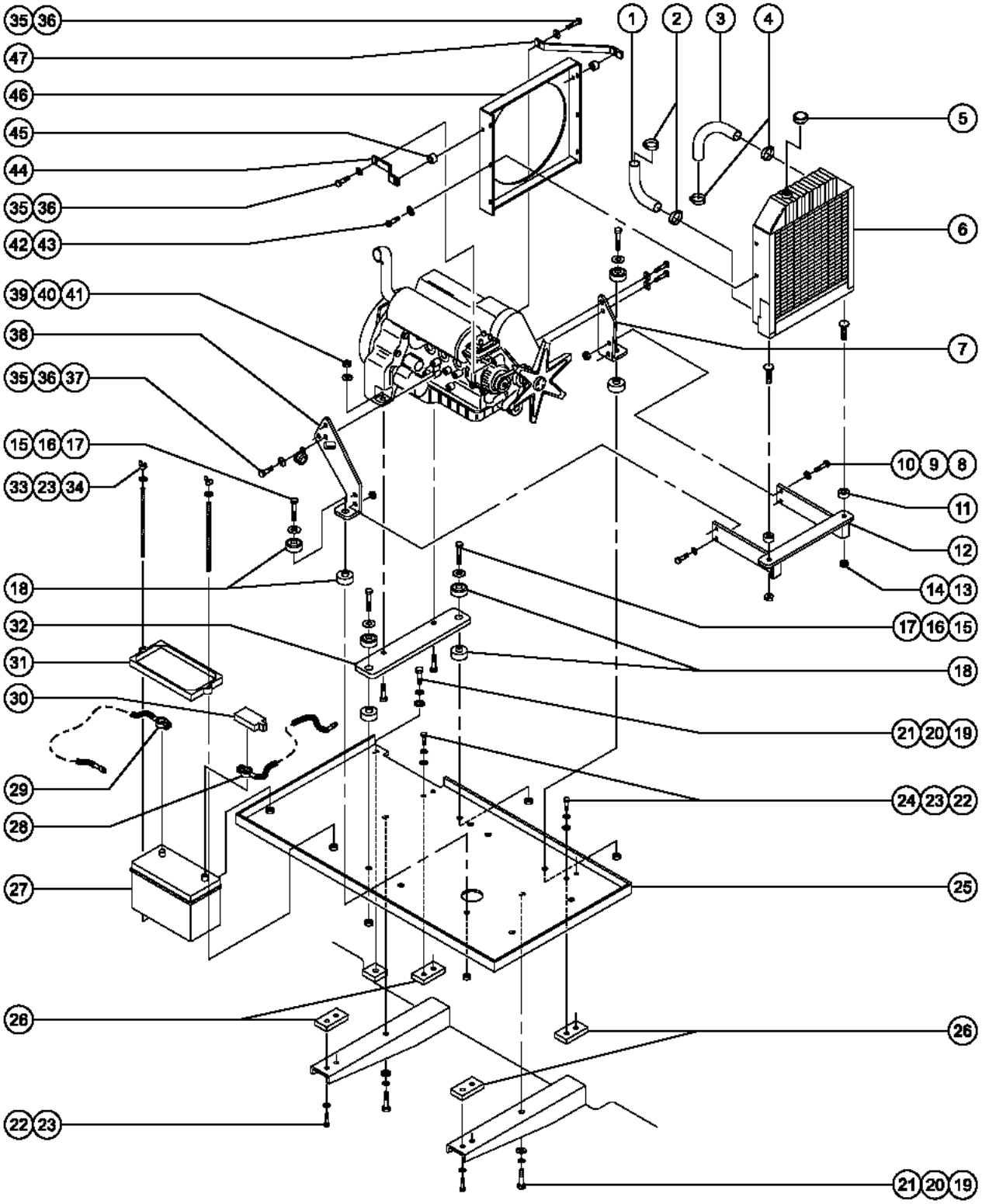
402.1 Ford LRG-425 EFI Engine - View 2



402.1 Ford LRG-425 EFI Engine - View 2

Item	Part No.	Description	Qty.
44	46131GT	CLAMP,HOSE,.63" - 1.0" X .5"	2
45	52762GT	HOSE,WATER INLET,LRG425 EFI	1
46	53832GT	HOSE,FIRE RES.,5/8 ID,BULK	
47	36203GT	ELBOW,90DEG.3/8MPT-5/8 BARB	1
48	27010GT	VALVE,LOCK OFF,BEAM #FL-418	1
49	22279GT	REGULATOR,LPG BEAM 60***	1
49-	24470GT	REGULATOR DIAPH.KIT BEAM 50/60	1
49A	102119GT	HOSE,3/4,LP from regulator to mixer	
50	48473P-SGT	BRACKET,AIR FILTER,FORD GAS PT	1
51	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	4
52	219437GT	ISOLATOR,VIBRATION	2
53	58917GT	END CAP,AIR FILTER-27915&49740	1
54	52658GT	NUT - WING, AIR FILTER, 425EFI	1
55	27916GT	FILTER,AIR,ELEMENT***	1
56	49740GT	AIR CLEANER,FORD EFI*** includes index numbers 53 through 55	1
57	30971GT	CLAMP,HOSE,3.00"	1
58	53124GT	HOSE,AIR INT.2.5 IDX12" W/450	1
59	53952GT	BRKT,AIR CLEANER ORIENTATION**	1

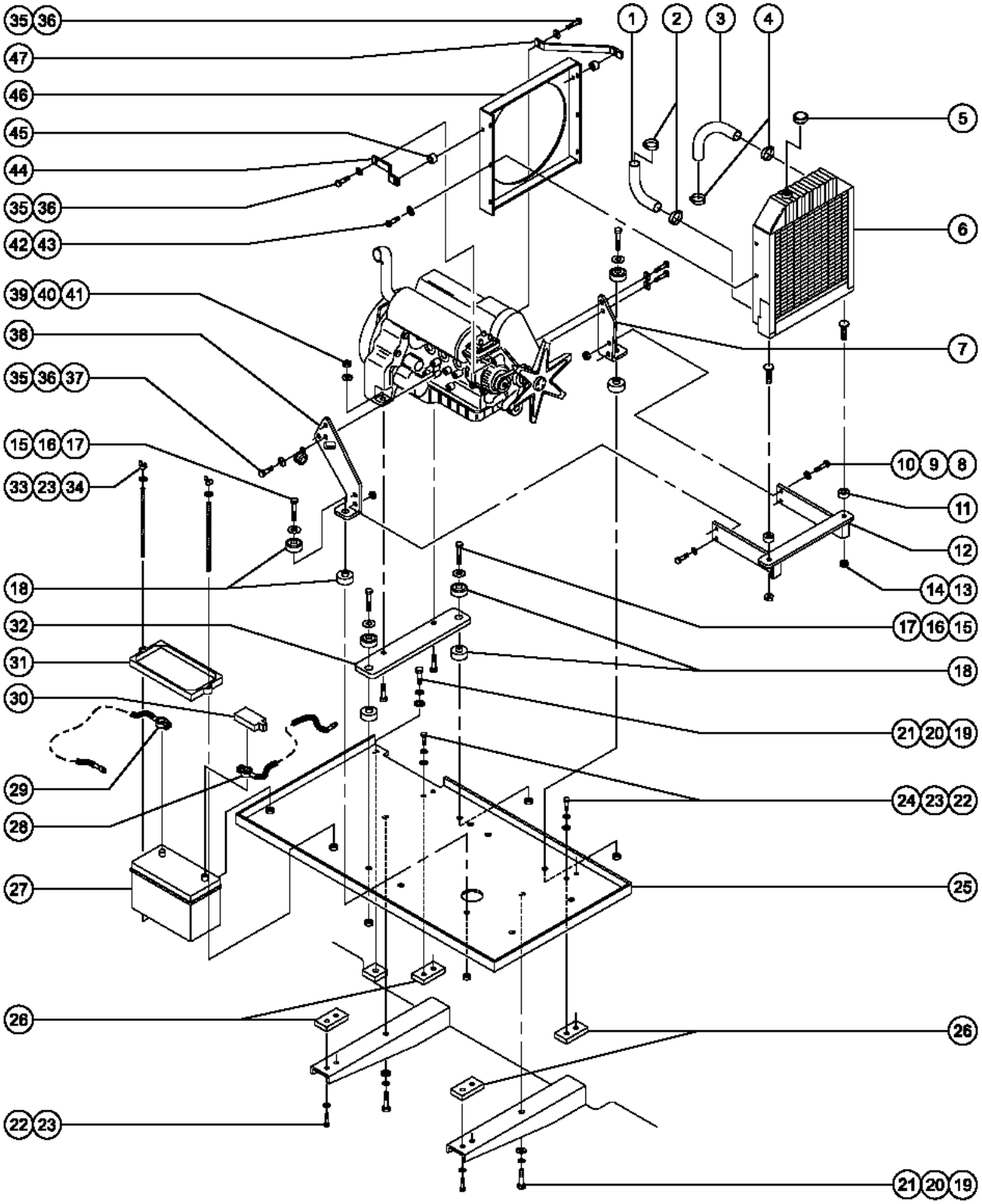
403.1 Ford LRG-425 EFI Engine - View 3



403.1 Ford LRG-425 EFI Engine - View 3

Item	Part No.	Description	Qty.
1	77170GT	HOSE,LOWER RADIATOR,Z45	1
2	13014GT	CLAMP,HOSE,2.25" DIA.	2
3	33965GT	HOSE, UPPER RADIATOR	1
4	45171GT	CLAMP,HOSE,1.75,LINED	2
5	27943GT	CAP,RADIATOR,FORD***	1
6	33969GT	RADIATOR,FORD,LRG	1
6-	28717GT	VALVE,DRAIN,FORD,BLOCK,RAD.	1
7	53425-SGT	WELDMENT,RH,ENGINE MOUNT	1
8	8516GT	SCREW, HCC, 3/8-16 X 1.50	4
9	6097GT	WASHER, FLAT, USS, 3/8", Y	4
10	4828GT	NUT, NYLOCK, 3/8-16	4
11	24038GT	SHOCK MOUNT,SMALL	2
12	34929-SGT	WELDMENT,RADIATOR MOUNT LRG423	1
13	48425GT	NUT,FLG-LRG,3/8-16,YZ	2
14	60790GT	BOLT,CARRIAGE,3/8-16 X1.50,G5	2
15	53909GT	SCREW,HHC,5/8-11 X 4.0 GR8	4
16	6035GT	WASHER,FLAT,USS,5/8",Y	4
17	6024GT	NUT,NYLOCK,5/8-11	4
18	28076GT	ISOLATOR,VIBRATION,LG,RD&WH***	4
19	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8	3
20	6036GT	WASHER,LOCK,.625 PLTD	2
21	13064GT	WASHER,FLAT,.625 HARDENED	3
22	6090GT	SCREW, HHC, 1/4-20 X .75	8
23	6356GT	WASHER,LOCK,.25	8
24	6638GT	WASHER, FLAT, USS, 1/4"Y	10
25	30679-SGT	WELDMENT, ENGINE MODULE PLATE	1
25-	45209GT	WEAR PAD,4X2X.5 W/INSERT***	4
27	1303581GT	BATTERY, 12V, 950CCA, FLA	1

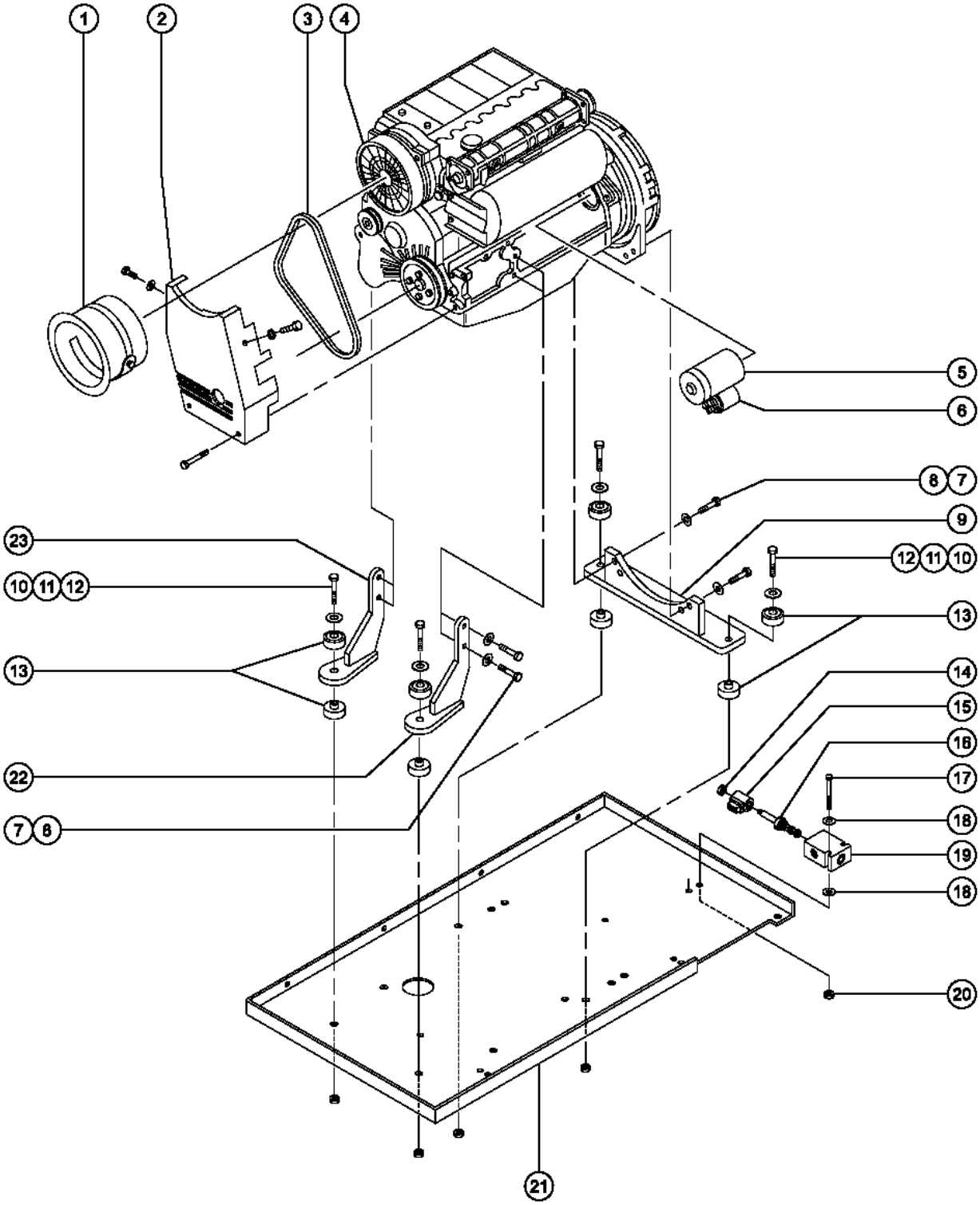
403.1 Ford LRG-425 EFI Engine - View 3



403.1 Ford LRG-425 EFI Engine - View 3

Item	Part No.	Description	Qty.
28	30891GT	BATT.CABLE,00,POS.,RED,50"	1
29	122058GT	BATTERY CABLE,1/0 GA,BLK 30"	1
30	18189GT	BOOT,BATTERY TERMINAL,RED	1
31	30144GT	BATTERY HOLD DOWN,GROUP 31	1
32	28234P-SGT	PLATE,ENGINE MOUNT,PAINTED	1
33	8170GT	NUT,WING,1/4-20	2
34	30784-975GT	THREADED ROD,(1/4-20),9.75	2
35	27034GT	SCREW,HHC,M10 X 25MM,GR 8.8	7
36	22700GT	WASHER,LOCK,M10	7
37	32339GT	CLAMP,1.75,#28 X 3/8,RUB CUSH*	2
38	53290-SGT	WELDMENT,RH,ENGINE MOUNT	1
39	6198GT	NUT, NYLOCK, 1/2-13	2
40	6095GT	WASHER,FLAT,USS,1/2",Y	2
41	10598GT	SCREW,HHC,1/2-13 X 3	2
42	73612GT	SCREW,PHM,10-24X.50,SELF TAP	6
43	73613GT	WASHER,STAR,#10,PLTD	6
44	34942P-SGT	STRUT,RH,FORD RADIATOR,PAINT replaced by 34942PGT	1
44B	34942PGT	STRUT,RH,FORD RADIATOR,PAINT**	1
45	219437GT	ISOLATOR,VIBRATION	2
46	34927P-SGT	SHROUD,RADIATOR LRG 423 BLUE**	1
47	34943P-SGT	MOUNT,RAD.SUPPT,LH,BLUE	1

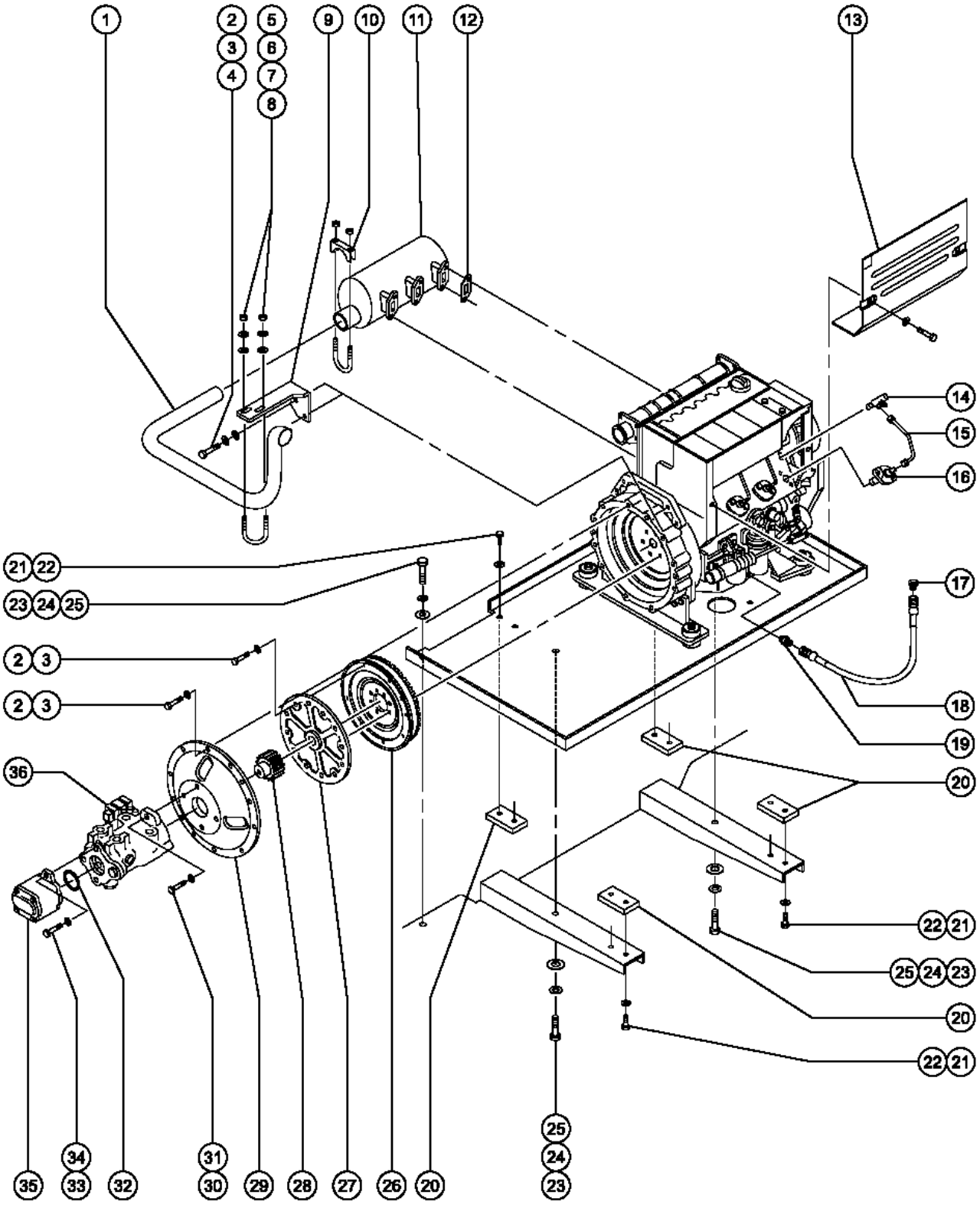
404.1 Deutz F3L 1011F Engine - View 1



404.1 Deutz F3L 1011F Engine - View 1

Item	Part No.	Description	Qty.
	70453GT	ENGINE,DEUTZ D2011L03I F3L1011 AND F3L1011F Engines only	
1	49914GT	GUARD-FAN, DEUTZ ENG,F4L1011F	1
2	29555GT	COVER,FRONT DEUTZ ENGINE	1
3	32698GT	BELT	1
4	35586GT	ALTERNATOR, DEUTZ F3L10/F4L10*	1
5	37950GT	STARTER,DEUTZ,F4L1011F/F3L1011 11 tooth; inspect old starter before ordering (includes item 6)	1
5	139709GT	STARTER, 12V 9 tooth; inspect old starter before ordering (includes item 6)	
6	49915GT	SOLENOID-STARTR DEUTZF4L1011F*	1
7	34265GT	SCREW,HHC,M14 X 55	8
8	37505GT	WASHER,LOCK,M14	8
9	29550GT	WELDMENT,DEUTZ ENGINE MOUNT	1
10	53909GT	SCREW,HHC,5/8-11 X 4.0 GR8	4
11	33418GT	WASHER,FLAT,.625 X 2.25 X.15	4
12	6024GT	NUT,NYLOCK,5/8-11	4
13	28076GT	ISOLATOR,VIBRATION,LG,RD&WH***	4
14	45912GT	NUT,SOLENOID VALVE 2P3W	1
15	81043GT	COIL,SOLENOID,8 DSD 10V,W/DIO* from SN 5642	1
15-	27814GT	COIL,SOLENOID,10V to SN 5641	1
16	62249GT	VALVE,SOLENOID,10V W/DIODE includes index numbers 14 and 15; from SN 5642	1
16-	65766GT	VALVE,SOLENOID,10V W/DIODE*** includes index numbers 14 and 15; to SN 5641	1
17	4266GT	SCREW,HHC,1/4-20 X 2	2
18	6638GT	WASHER, FLAT, USS, 1/4"Y	4
19	30369GT	SOLENOID VALVE,N.C. 2POS. 3WAY includes index numbers 14 and 15; to SN 5641	1
19-	81196GT	MANIFOLD,S40/45 BRAKE,NC 2POS includes index 14 through 16; from 5642	1
20	6889GT	NUT,LP NYLOCK,1/4-20	2
21	30679-SGT	WELDMENT, ENGINE MODULE PLATE	1
22	32748GT	WELMENT,DEUTZ ENGINE MOUNT	1
23	32749GT	WELDMENT,DEUTZ ENGINE MOUNT	1

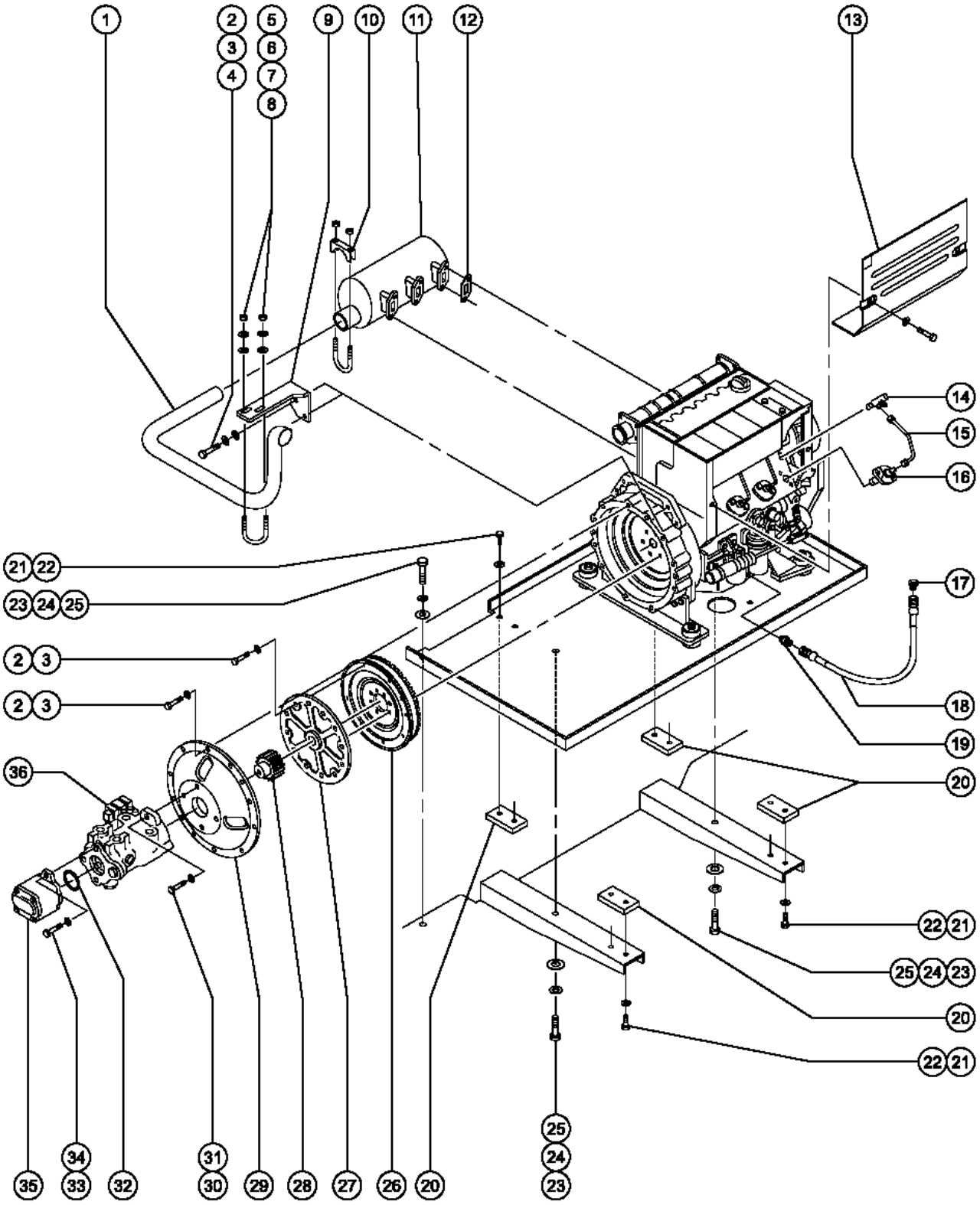
405.1 Deutz F3L 1011F Engine - View 2



405.1 Deutz F3L 1011F Engine - View 2

Item	Part No.	Description	Qty.
1	30660GT	EXHAUST,TAILPIPE,DEUTZ,S40	1
2	44064GT	SCREW,HHC,M10 X 30MM,	26
3	22700GT	WASHER,LOCK,M10	26
4	6097GT	WASHER, FLAT, USS, 3/8", Y	16
5	6037GT	NUT,HEX,5/16-18,GR5	2
6	6886GT	WASHER,LOCK,.313	2
7	5397GT	WASHER, FLAT, USS, 5/16-18	2
8	16584GT	U-BOLT, KIT 5/16-18 X 2.5 *** includes index number 5	1
9	30674-SGT	WELDMENT,EXHAUST SUPPORT	1
10	30438GT	CLAMP,MUFFLER,2 1/4" ID.	2
11	32695GT	MUFFLER,DEUTZ	1
12	29559GT	GASKET,EXHAUST	3
13	52353GT	COVER,ENGINE SIDE (F30-1011F)	1
14	49919GT	INJECTOR - DEUTZ F4L1011F	3
15	49921GT	FUEL LINE INJ. DEUTZ F4L1011F	3
16	49929GT	INJECTOR PUMP - DEUTZ F4L1011F	3
17	109802GT	PLUG,ORB #6	1
18	49135-3389-SGT	HOSE ASSY 3/8"	1
19	48884GT	FITTING, M18 X 8, 52MO187	1
20	45209GT	WEAR PAD,4X2X.5 W/INSERT***	4
21	6090GT	SCREW, HHC, 1/4-20 X .75	8
22	6356GT	WASHER,LOCK,.25	8
23	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8	4
24	6036GT	WASHER,LOCK,.625 PLTD	4
25	13064GT	WASHER,FLAT,.625 HARDENED	4
26	49917GT	RING GEAR,DEUTZ F3 & F4L1011F* (please verify ring gear thickness) 0.46 inches	1
26-	89785GT	RING GEAR,DEUTZ F3L2011F (please verify ring gear thickness) 0.6 inches	1
26-	33729GT	RING GEAR,DEUTZ F3 & F4L1011* (please verify ring gear thickness) 0.365 inches	1

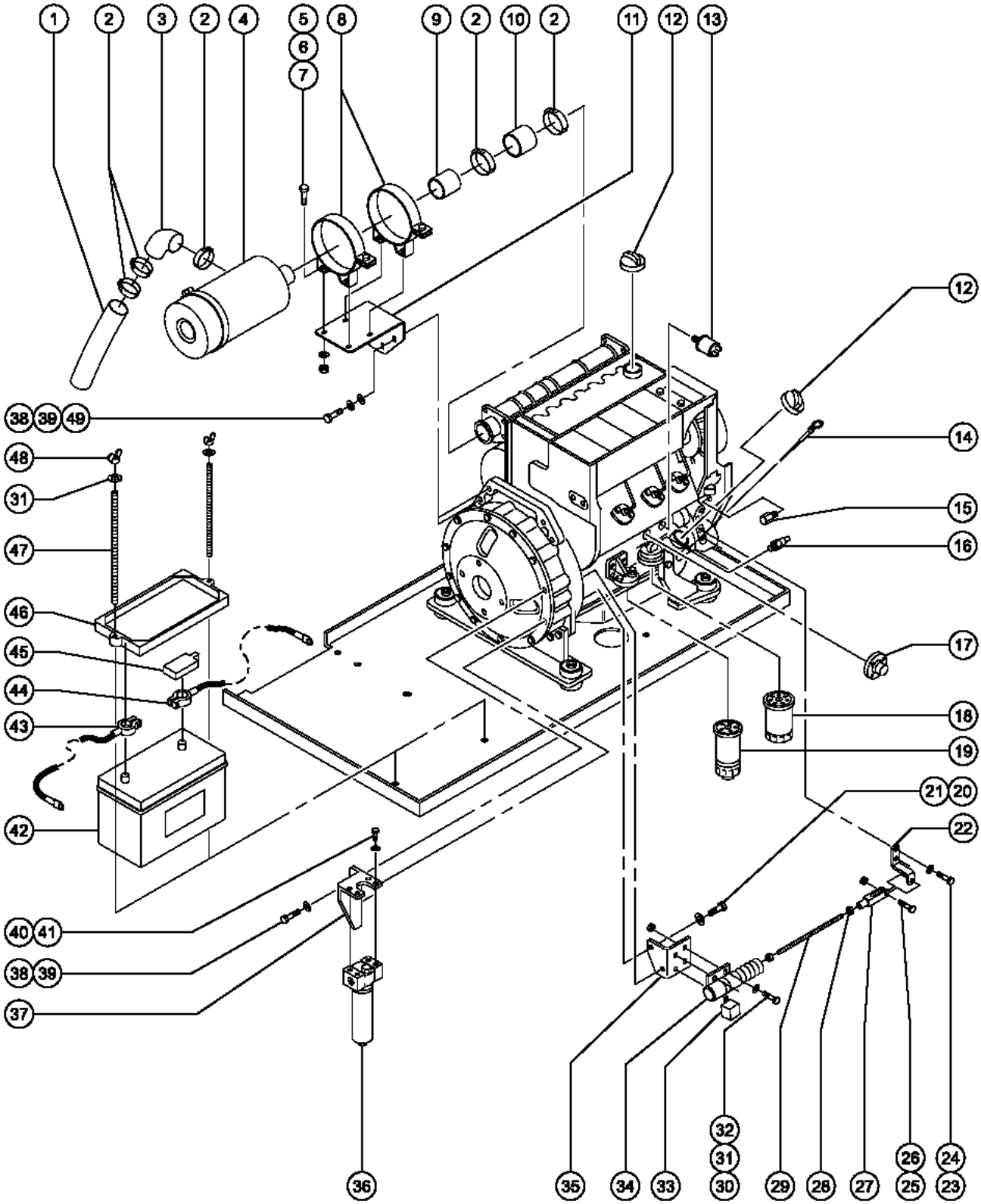
405.1 Deutz F3L 1011F Engine - View 2



405.1 Deutz F3L 1011F Engine - View 2

Item	Part No.	Description	Qty.
27	33024GT	FLYWHEEL FLANGE,GREEN PLASTIC	1
28	37003GT	COUPLER,HUB,15 TOOTH 7/16BOLT*	1
29	30806GT	FLYWHEEL COVER,CASTING***	1
30	6096GT	SCREW,HHC,1/2-13 X 2 GR5	2
31	6033GT	WASHER,LOCK,0.5"	2
32	29436GT	O-RING***	1
33	6175GT	SCREW,HHC,3/8-16 X 1	2
34	6021GT	WASHER, LOCK, .375	2
35	53961GT	PUMP,LIFT 1.025 C.I.*** Models before SN 4123 must order complete assy 53964 for first time replacement of pump.	1
35-	53962GT	SEAL KIT,LIFT PUMP (53961)***	1
36	53964GT	PUMP ASSY, M46+1.0 CU IN LIFT* includes index numbers 32 through 35; from SN 4123	1
36-	46674GT	PUMP,VAR.PISTON M46 2.8 CIQVP*	1
36-	22965GT	EDC ASSY,SAUER,M46***	1
36-	29739GT	SEAL KIT,SAUER-DANFOSS M46***	1
36-	32611GT	SHAFT,M46 15 TOOTH	1
36-	27067GT	SEAL,SHAFT-SUNDSTRAND***	1

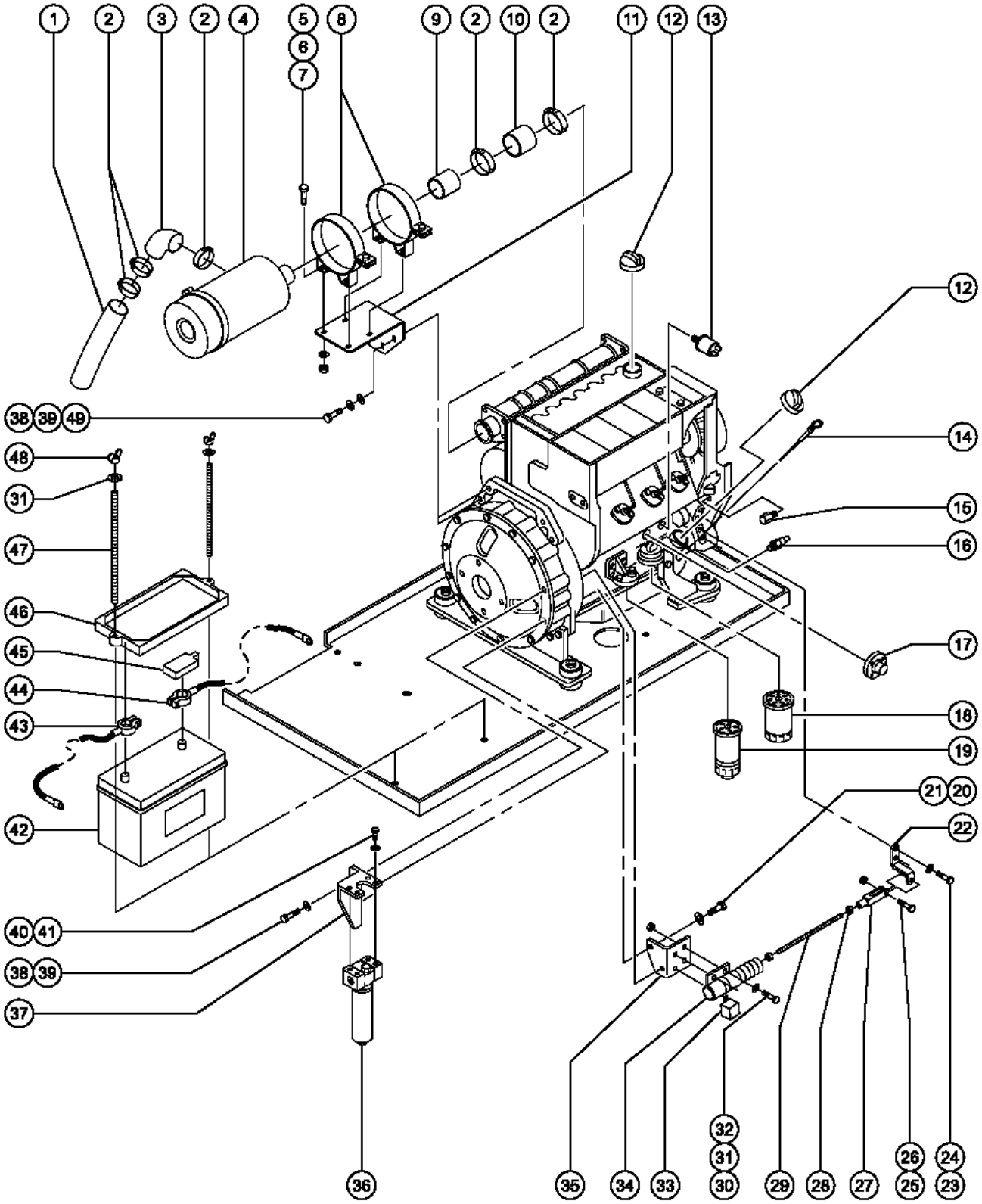
406.1 Deutz F3L 1011F Engine - View 3



406.1 Deutz F3L 1011F Engine - View 3

Item	Part No.	Description	Qty.
1	34162-3150GT	HOSE,AIR INTAKE 2.5" I.D.	1
2	53945GT	CLAMP,HOSE 2 5/16-3 1/4	5
3	34164GT	ELBOW,90 DEGR,RUBBER,2.5"I.D.*	1
4	27915GT	AIR CLEANER does NOT include mounting bands	1
4-	27916GT	FILTER,AIR,ELEMENT***	1
4-	58917GT	END CAP,AIR FILTER-27915&49740	1
4-	65815GT	CLAMP, AIR CLEANER (27915)** clamp that holds the end cap on	1
4-	52658GT	NUT - WING, AIR FILTER, 425EFI	1
4-	53952GT	BRKT,AIR CLEANER ORIENTATION**	
5	13002GT	SCREW,HHC,5/16-18 X 1 GR5	4
6	5397GT	WASHER, FLAT, USS, 5/16-18	4
7	6002GT	NUT, LP NYLOCK, 5/16-18	4
8	53952GT	BRKT,AIR CLEANER ORIENTATION**	2
9	30966GT	HOSE,AIR INTAKE 2.25" I.D.	1
10	30967GT	HOSE,AIR INTAKE 2.75" I.D.***	1
11	30769P-SGT	BRACKET,AIR CLEANER MTG.PAINT	1
12	29557GT	CAP,OIL FILLER,DEUTZ,DIESEL***	2
13	37033GT	SENDING UNIT,OIL PRESS.,DEUTZ* single terminal	1
13-	30805GT	SENDING UNIT,OIL PRESS.,DEUTZ dual terminal	1
14	52352GT	DIPSTICK-F3L1011F (DEUTZ)	1
15	T114678GT	SHUTDOWN SOLENOID,12V, DEUTZ (must order cable assembly, 58256, if replacing 32752)	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	34059GT	SENDING UNIT,OIL TEMP.	1
17	49923GT	PUMP, FUEL LIFT, F4L1011F	1
18	49924GT	FILTER,OIL,DEUTZ Genie Genuine Part. See PN 1255653 for compatible aftermarket replacement.	1
18-	1255653GT	FILTER,OIL,DEUTZ,REPLACEMENT Genie Aftermarket Part. Compatible with Genie Genuine Part 49924.	1

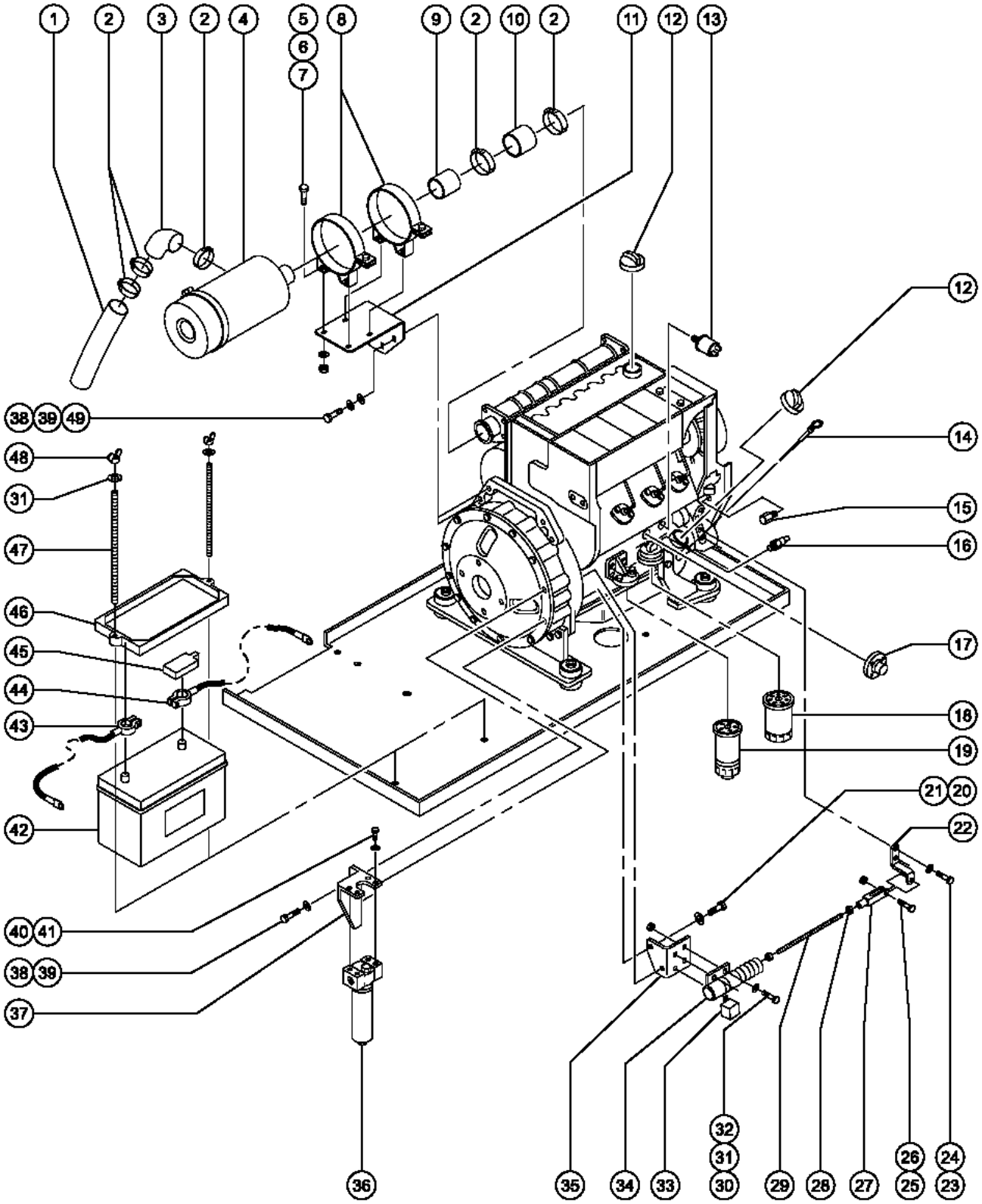
406.1 Deutz F3L 1011F Engine - View 3



406.1 Deutz F3L 1011F Engine - View 3

Item	Part No.	Description	Qty.
19	29560GT	FILTER,FUEL/WTR SEP, DTZ 1008 Genie Genuine Part. See PN 1254826 for compatible aftermarket replacement.	1
19-	1254826GT	FUEL FILTER W/SEP,DEUTZ,1008 Genie Aftermarket Part. Filter for Deutz F3L 1011F Engine.	1
20	23057GT	SCREW,HHC,M8 X 20MM	2
21	49408GT	WASHER, LOCK, M8	2
22	33240P-SGT	BRACKET,ACTUATOR ARM MTG,PTD	1
23	22578GT	SCREW,HHC,M6 X 20MM,GR8.8	2
24	49407GT	WASHER,LOCK,M6	2
25	6584GT	SCREW,SHS,10-24 X .625	1
26	5365GT	NUT,NYLOCK,10-24	1
27	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN	1
28	21496GT	NUT,HEX,1/4-28	2
29	30785-1000GT	THREADED ROD,1/4-28 X 10 IN***	1
30	6090GT	SCREW, HHC, 1/4-20 X .75	4
31	6638GT	WASHER, FLAT, USS, 1/4"Y	6
32	6889GT	NUT,LP NYLOCK,1/4-20	4
33	60521GT	RELAY,SEALED 30/40 AMP from SN 5629	1
33-	73993GT	HARNESS,RPM SOLENOID RELAY***	1
34	29073GT	SOLENOID,THROTTLE,	1
34-	52537GT	BOOT,SOLENOID,29073	1
35	33241P-SGT	BRACKET,SOLENOID MTG,PAINTED	1
36		FILTER ASY,M PRESS,SAE8,WOIND* (77139) component no longer available	1
36-	20880GT	FILTER ELEMENT-10 MIC.*** for 77139	1
36A	1267807GT	ASSEMBLY, MED. PRESS. FILTER, SAE8	
36A-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS for 1267807	
37	30230P-SGT	FILTER MOUNT BRACKET to SN 5384	1
37-	73840PGT	BRACKET,HYDRAULIC FILTER PNT from SN 5385	1
38	44064GT	SCREW,HHC,M10 X 30MM,	4
39	22700GT	WASHER,LOCK,M10	4

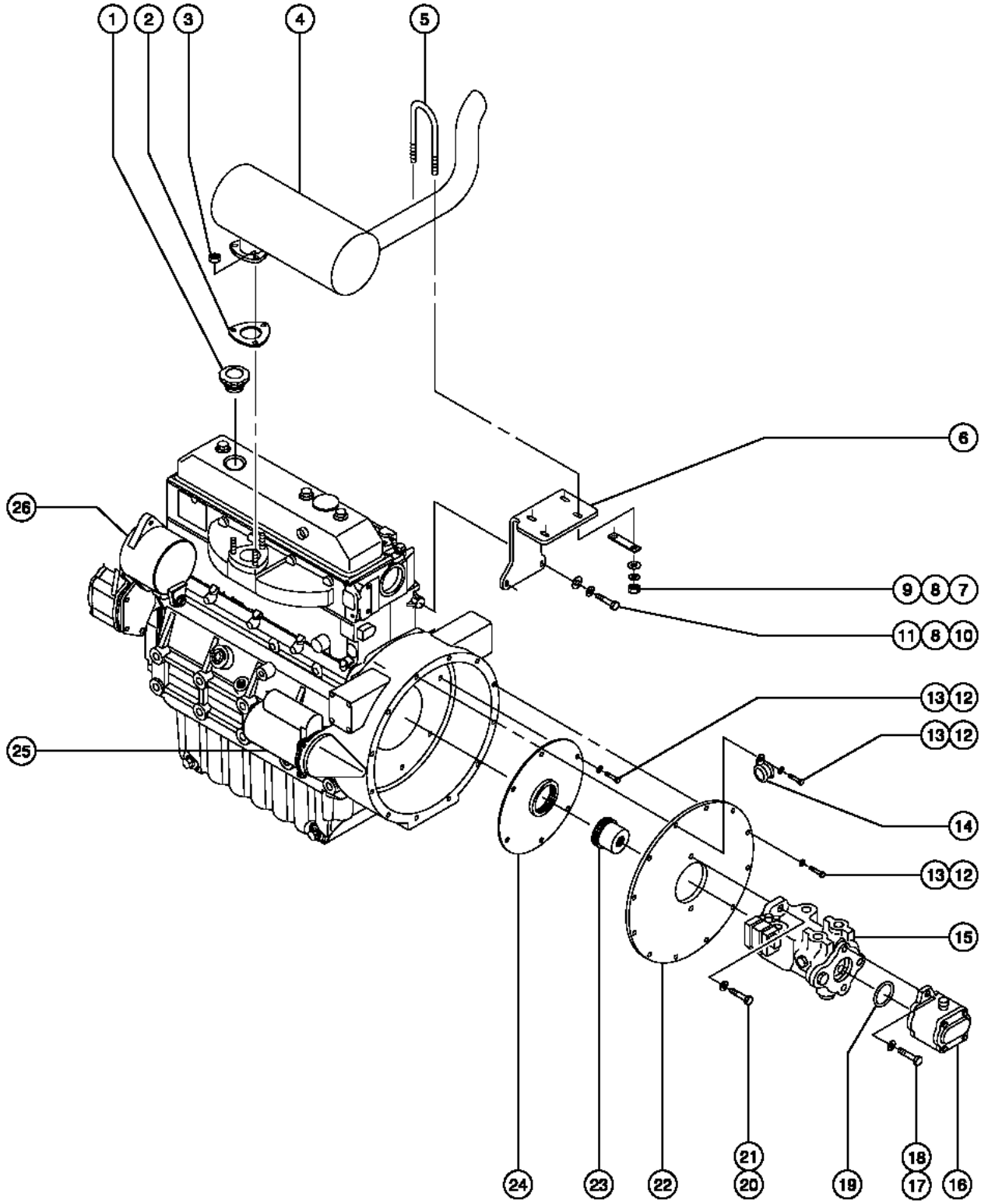
406.1 Deutz F3L 1011F Engine - View 3



406.1 Deutz F3L 1011F Engine - View 3

Item	Part No.	Description	Qty.
40	8914GT	SCREW, HHC, 1/4-20 X .625 to SN 5384	4
40-	6090GT	SCREW, HHC, 1/4-20 X .75 from SN 5385	4
41	6356GT	WASHER,LOCK,.25	4
42	1303581GT	BATTERY, 12V, 950CCA, FLA	1
43	122058GT	BATTERY CABLE,1/0 GA,BLK 30"	1
44	30891GT	BATT.CABLE,00,POS.,RED,50"	1
45	18189GT	BOOT,BATTERY TERMINAL,RED	1
46	30144GT	BATTERY HOLD DOWN,GROUP 31	1
47	30784-975GT	THREADED ROD,(1/4-20),9.75	2
48	8170GT	NUT,WING,1/4-20	2
49	6097GT	WASHER, FLAT, USS, 3/8", Y	2

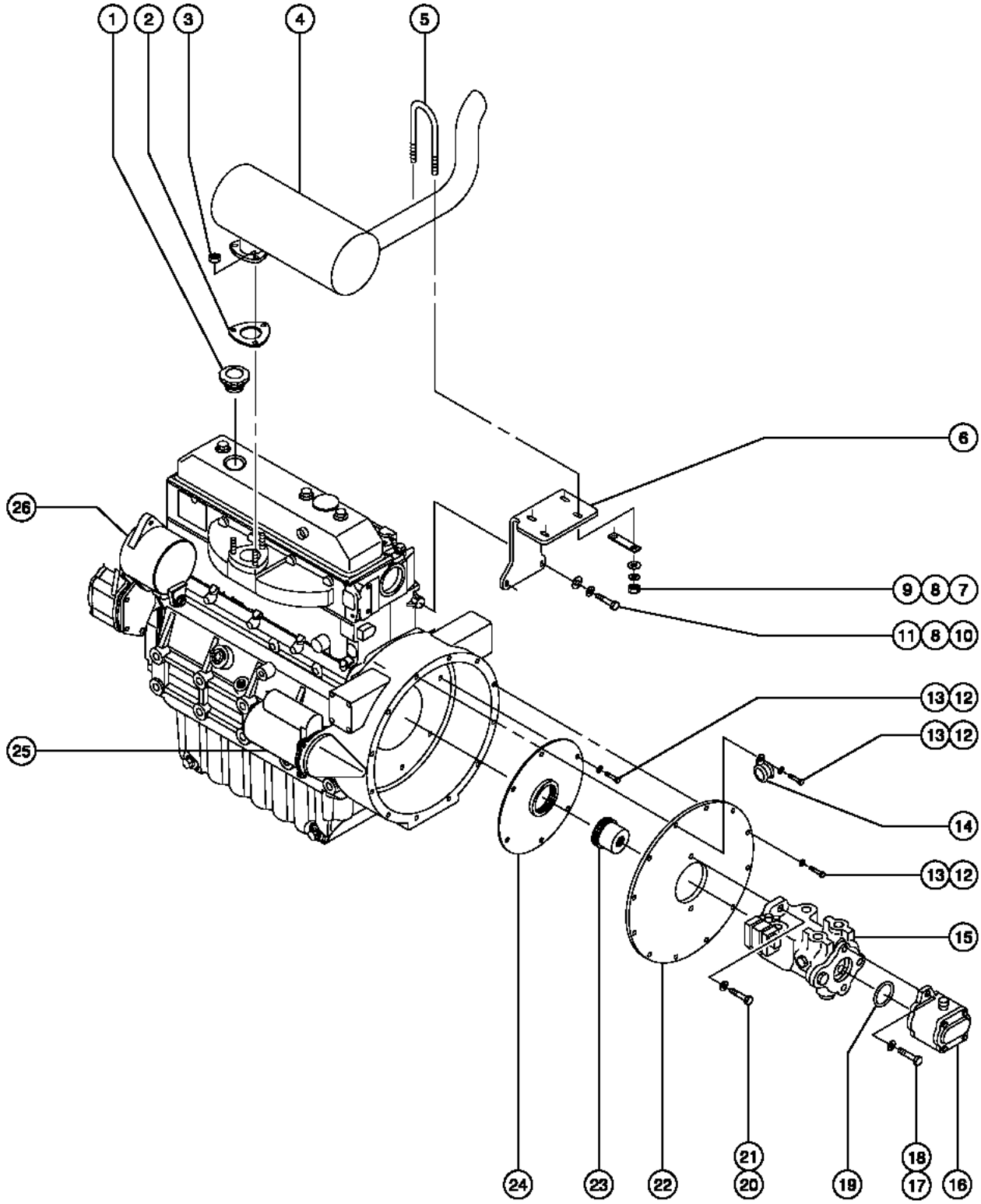
407.1 Perkins 704-30 Engine - View 1



407.1 Perkins 704-30 Engine - View 1

Item	Part No.	Description	Qty.
1	65499GT	CAP, SIDE OIL FILL, PERKINS	1
2	65503GT	GASKET,MUFFLER PERKINS(53883)	1
3	65504GT	NUT,MUFFLER PERKINS 10MM	3
4	63313GT	MUFFLER, PERKINS	1
5	16584GT	U-BOLT, KIT 5/16-18 X 2.5 ***	2
6	63326PGT	MUFFLER BRACKET, PAINTED	1
7	6037GT	NUT,HEX,5/16-18,GR5	4
8	6886GT	WASHER,LOCK,.313	6
9	5397GT	WASHER, FLAT, USS, 5/16-18	4
10	23057GT	SCREW,HHC,M8 X 20MM	2
11	6638GT	WASHER, FLAT, USS, 1/4"Y	2
12	44064GT	SCREW,HHC,M10 X 30MM,	26
13	22700GT	WASHER,LOCK,M10	26
14	45454GT	CLAMP,0.75,#12 X 3/8,RUB CUSH*	1
15	53964GT	PUMP ASSY, M46+1.0 CU IN LIFT* includes index numbers 16 through 19; from SN 4123	1
15-	46674GT	PUMP,VAR.PISTON M46 2.8 CIQVP*	1
15-	22965GT	EDC ASSY,SAUER,M46***	1
15-	29739GT	SEAL KIT,SAUER-DANFOSS M46***	1
15-	32611GT	SHAFT,M46 15 TOOTH	1
15-	27067GT	SEAL,SHAFT-SUNDSTRAND***	1
16	53961GT	PUMP,LIFT 1.025 C.I.*** Models before SN 4123 must order complete assy 53964 for first time replacement of pump.	1
16-	53962GT	SEAL KIT,LIFT PUMP (53961)***	1
17	6175GT	SCREW,HHC,3/8-16 X 1	10
18	6097GT	WASHER, FLAT, USS, 3/8", Y	2
19	29436GT	O-RING***	1
20	6096GT	SCREW,HHC,1/2-13 X 2 GR5	2
21	6033GT	WASHER,LOCK,0.5"	2
22	63464PGT	PLATE, PUMP MOUNT, PAINTED***	1

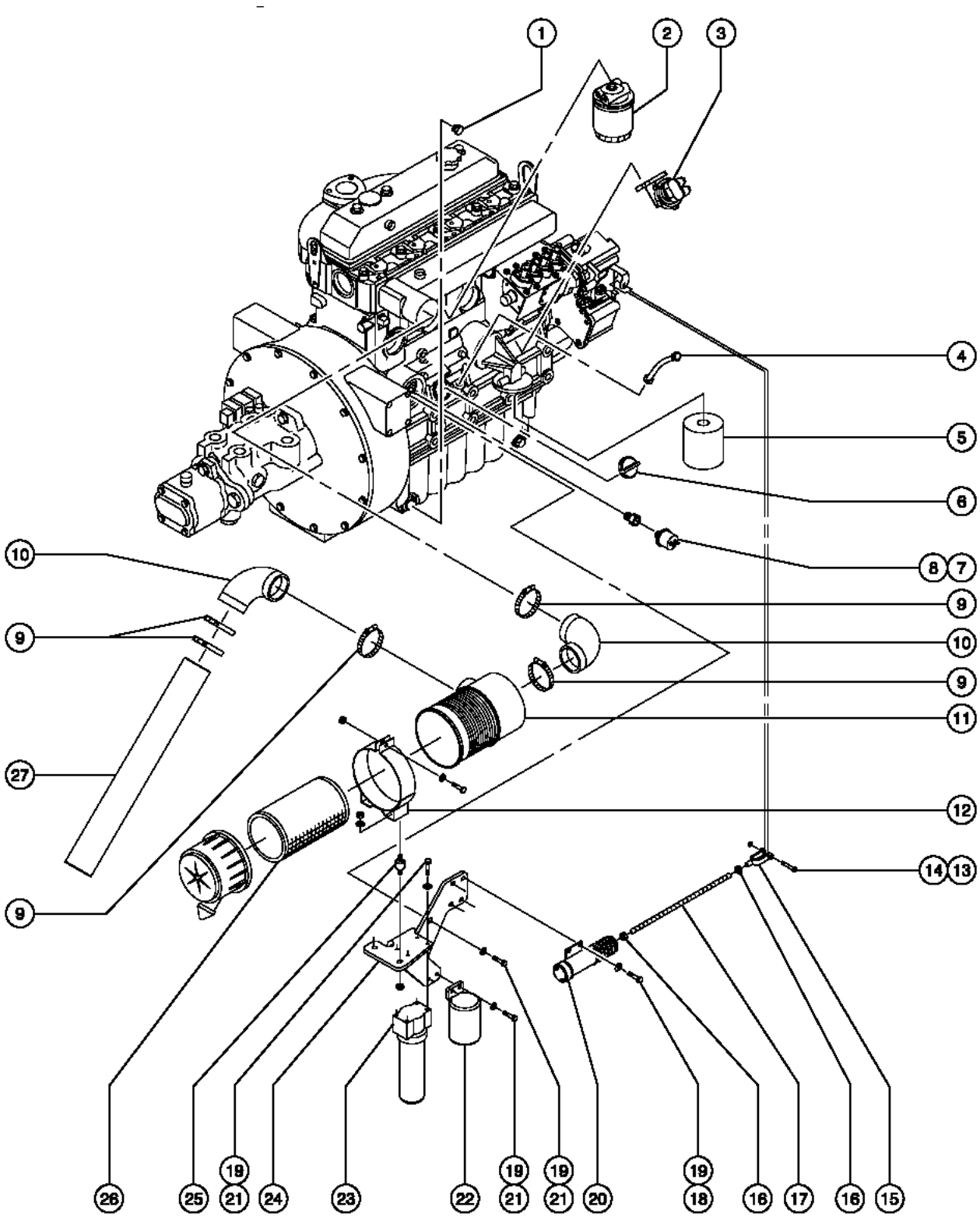
407.1 Perkins 704-30 Engine - View 1



407.1 Perkins 704-30 Engine - View 1

Item	Part No.	Description	Qty.
23	37002GT	COUPLER,HUB,15 TOOTH 7/16BOLT*	1
24	33024GT	FLYWHEEL FLANGE,GREEN PLASTIC	1
25	65495GT	STARTER MOTOR, PERKINS (53883)	1
26	65487GT	ALTERNATOR, PERKINS (53883)	1

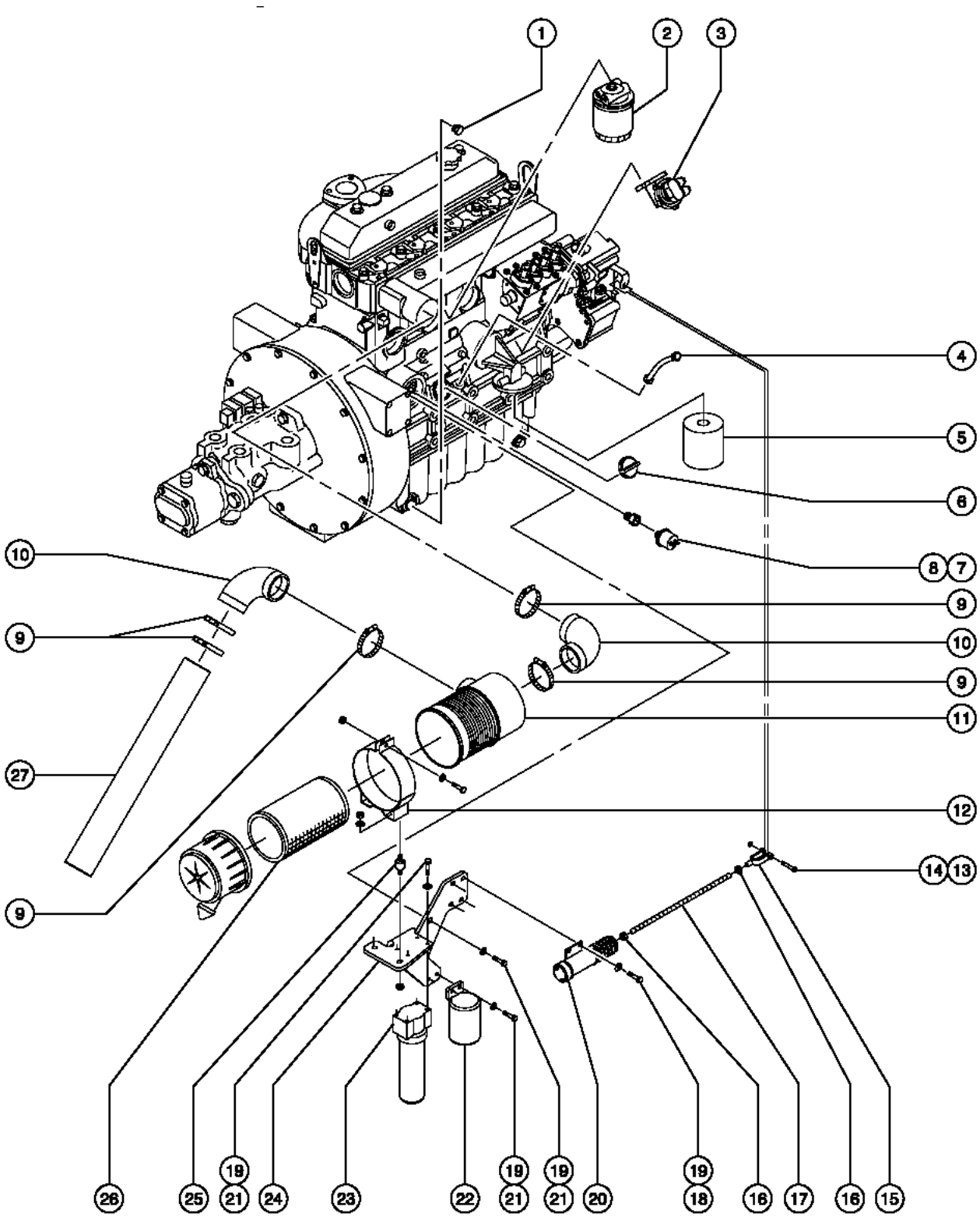
408.1 Perkins 704-30 Engine - View 2



408.1 Perkins 704-30 Engine - View 2

Item	Part No.	Description	Qty.
1	109802GT	PLUG,ORB #6	1
2	62421GT	FILTER,FUEL,PERKINS	1
3	65500GT	PUMP, LIFT INLET PORT (53883)	1
3-	65501GT	FITTINGS, LIFT PUMP INLET PORT	1
3-	53948GT	ADPTR,STR FEM INV 45D 1/4X1/4	1
4	65497GT	DIPSTICK (53883)	1
5	62422GT	FILTER,OIL,PERKINS 704-30 (BB)	1
6	65498GT	CAP,OIL FILLER, PERKINS	1
7	30810GT	SENDING UNIT,OIL PRESSURE*** dual-terminal sender	1
8	53951GT	ADPTR,ST. THR 3/4-16 FEM PIPE	1
9	53945GT	CLAMP,HOSE 2 5/16-3 1/4	5
10	34164GT	ELBOW,90 DEGR,RUBBER,2.5"I.D.*	2
11	63463GT	AIR CLEANER,NELSON*** includes index number 26	1
11-	58415GT	CLIP,AIR CLEANER END CAP***	
11-	62420GT	FILTER, AIR D2.9L4	
11-	65810GT	BAFFLE, AIR CLEANER (27915)**	
11-	52866GT	EVACUATOR VALVE-AIR CLEANER	
12	54535GT	BRACKET,AIR CLEANER PERKINS includes mounting fasteners	1
13	6584GT	SCREW,SHS,10-24 X .625	1
14	5365GT	NUT,NYLOCK,10-24	1
15	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN	1
16	21496GT	NUT,HEX,1/4-28	2
17	30785-1000GT	THREADED ROD,1/4-28 X 10 IN***	1
18	6888GT	SCREW, HHC, 1/4-20 X 1	4
19	6638GT	WASHER, FLAT, USS, 1/4"Y	11
20	29073GT	SOLENOID,THROTTLE,	1
20-	52537GT	BOOT,SOLENOID,29073	1
20-	73993GT	HARNESS,RPM SOLENOID RELAY***	1

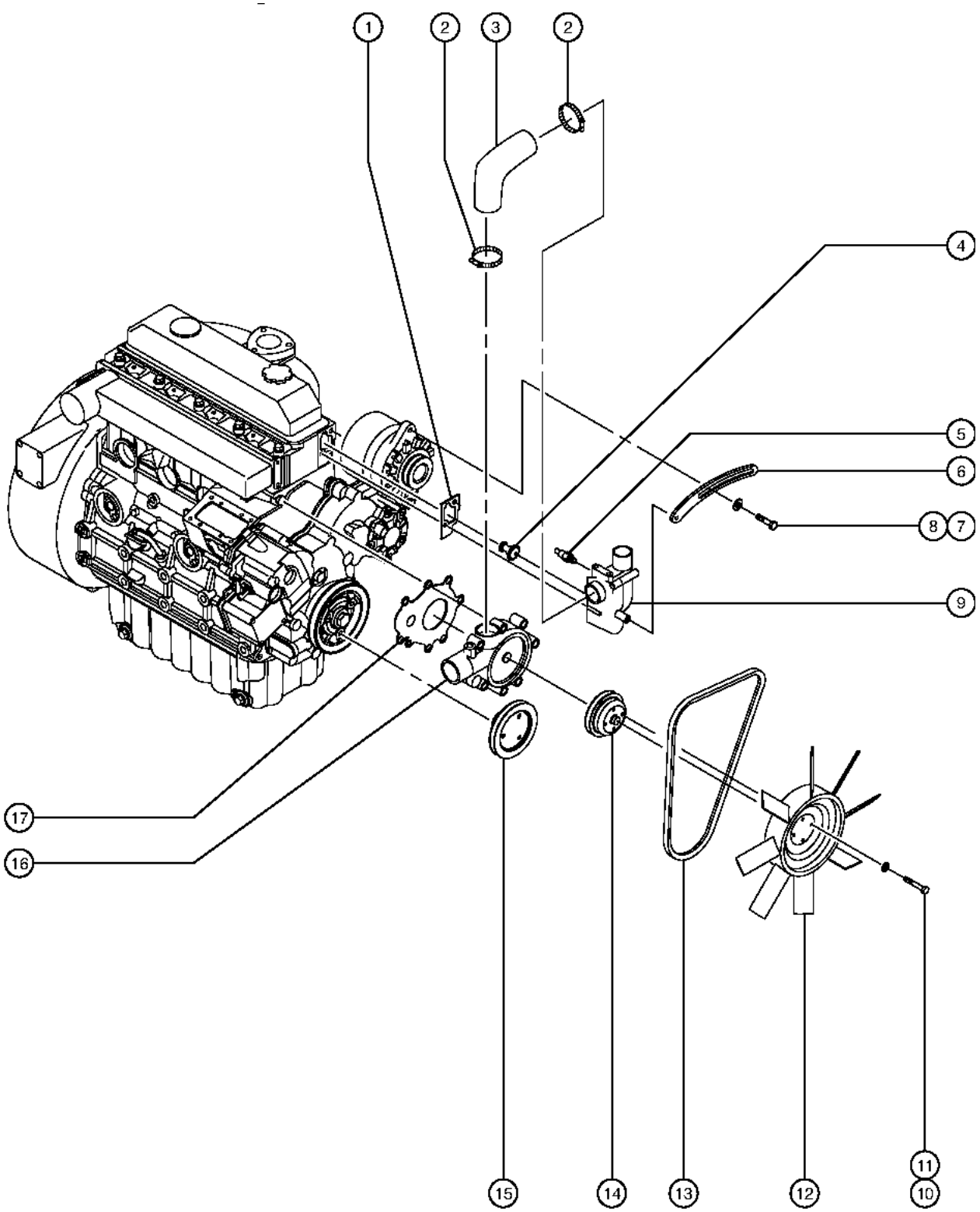
408.1 Perkins 704-30 Engine - View 2



408.1 Perkins 704-30 Engine - View 2

Item	Part No.	Description	Qty.
21	6090GT	SCREW, HHC, 1/4-20 X .75	7
22	42766GT	SEPARATOR/FILTER,FUEL DIESEL**	1
22-	22942GT	FILTER FOR FUEL/WTR SEP,22290	1
23		FILTER ASY,M PRESS,SAE8,WOIND* (77139) component no longer available	1
23-	20880GT	FILTER ELEMENT-10 MIC.*** for 77139	1
23A	1267807GT	ASSEMBLY, MED. PRESS. FILTER, SAE8	
23A-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS for 1267807	
24	63399PGT	AIR CLEANER BRACKET, PAINTED	1
25	219437GT	ISOLATOR,VIBRATION	2
26	62420GT	FILTER, AIR D2.9L4	1
27	34162-3150GT	HOSE,AIR INTAKE 2.5" I.D.	1

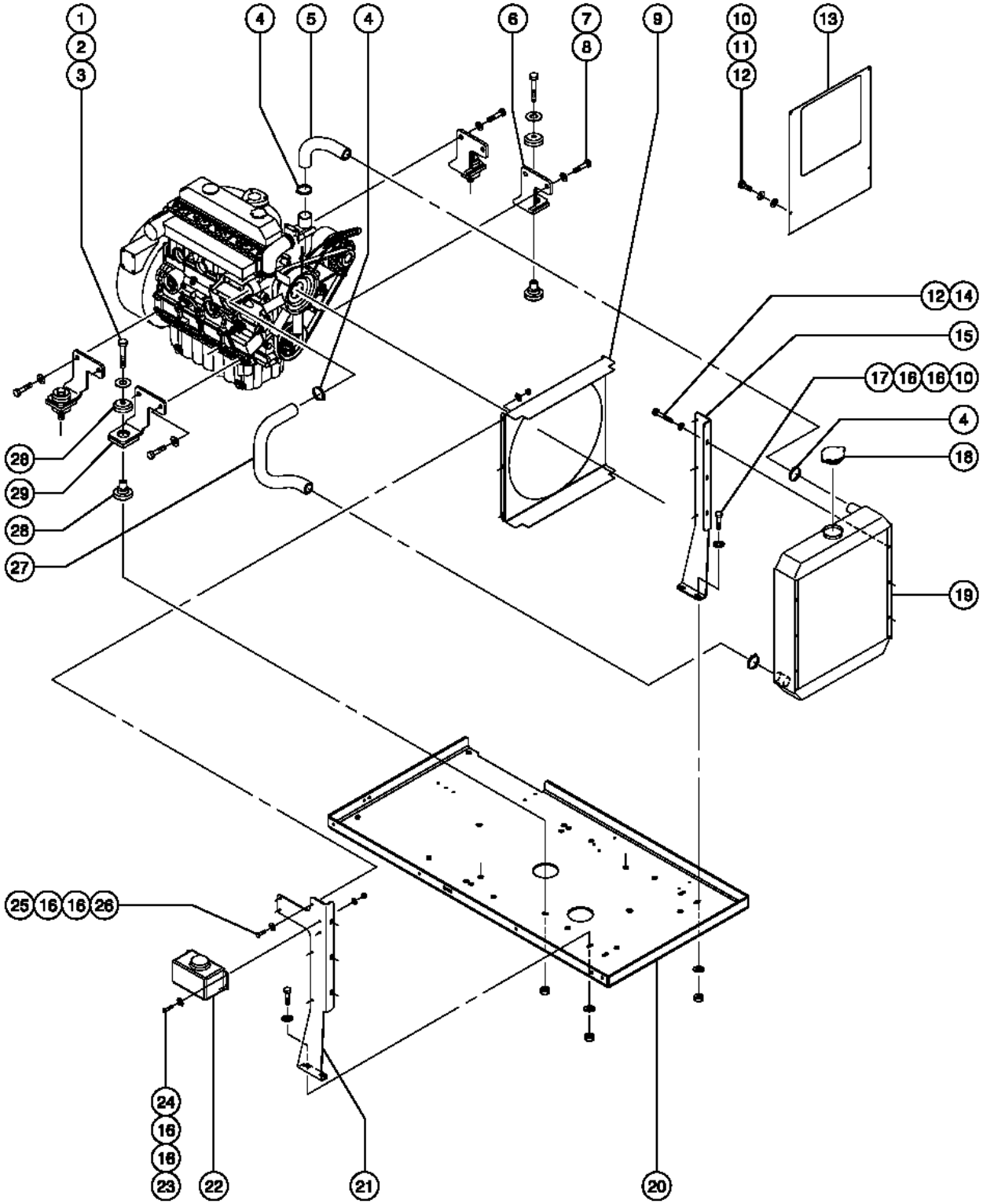
409.1 Perkins 704-30 Engine - View 3



409.1 Perkins 704-30 Engine - View 3

Item	Part No.	Description	Qty.
		GASKET,TIMMING CASE COVER	
1	65505GT	GASKET, THERMOSTAT (53883)	1
2	65506GT	CLAMP, HOSE (53883)	2
3	65507GT	HOSE, WATER PUMP (53383)	1
4	65493GT	THERMOSTAT, PERKINS (53883)	1
5	34058GT	SENDING UNIT,TMP,FRD,GM,PRK704	1
6	65488GT	LEVER ALTERNATOR, (53883)	1
7	49381GT	SCREW,HHC,M12 X 30	2
8	65355GT	WASHER,LOCK,M12	2
9	65494GT	HOUSING,THERMOSTAT (53883)	1
10	67349GT	SCREW,HHC,M8 X 50	4
11	49408GT	WASHER, LOCK, M8	4
12	65490GT	FAN, PERKINS (53883)	1
13	62423GT	BELT,V KIT (TWO BELTS) 704-30	1
14	77482GT	PULLEY, WATER PUMP	1
15	65496GT	PULLEY,CRANKSHAFT (53883)	1
16	65491GT	WATER PUMP, PERKINS (53883)	1
17	65492GT	GASKET,TIMMING CASE COVER	1

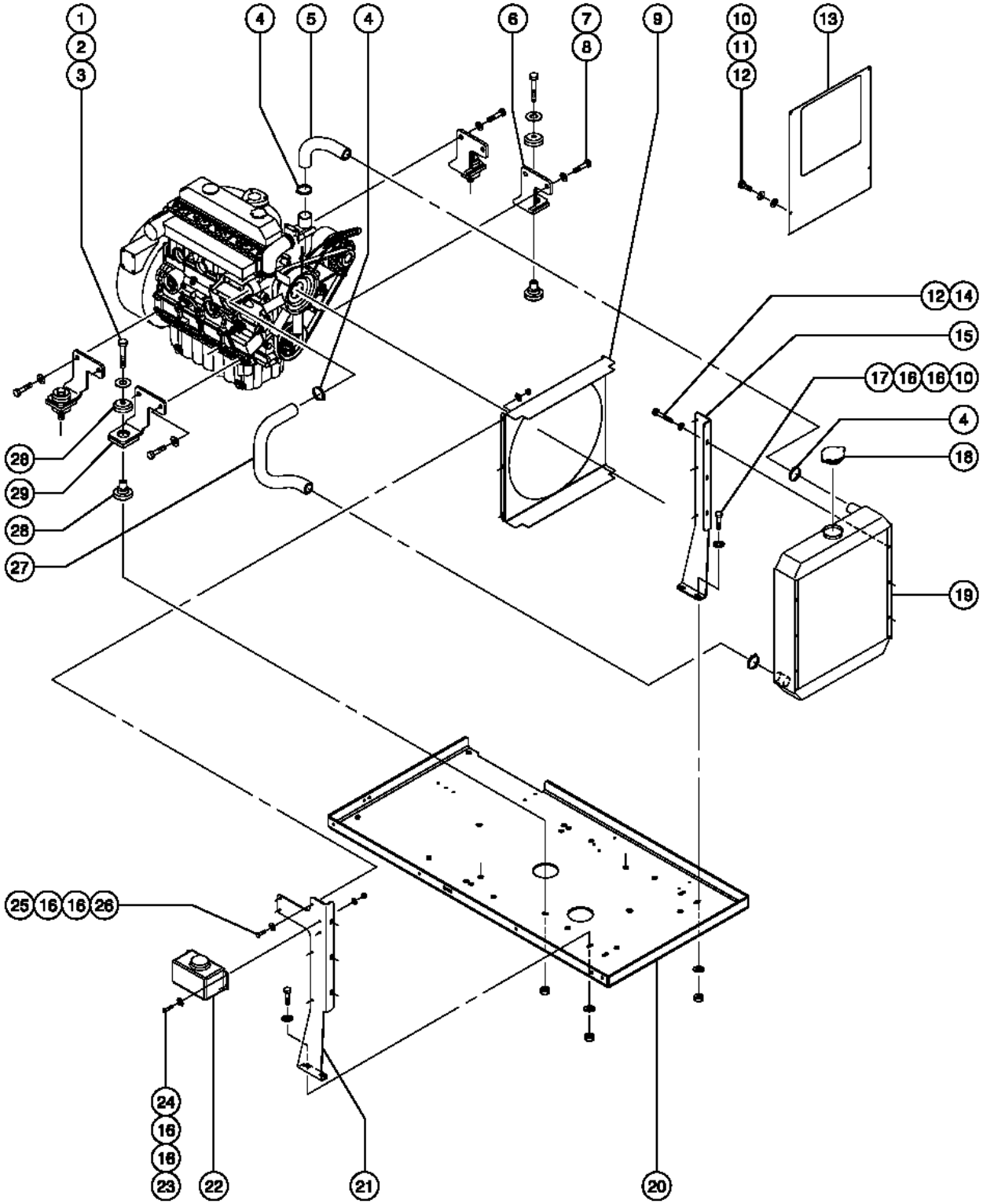
410.1 Perkins 704-30 Engine - View 4



410.1 Perkins 704-30 Engine - View 4

Item	Part No.	Description	Qty.
1	53909GT	SCREW,HHC,5/8-11 X 4.0 GR8	4
2	33418GT	WASHER,FLAT,.625 X 2.25 X.15	4
3	6024GT	NUT,NYLOCK,5/8-11	4
4	21465GT	CLAMP,HOSE, .25" TO .63" X .3125"	4
5	63413GT	RADIATOR HOSE, UPPER	1
6	63418GT	WELDMENT,ENGINE MOUNT,INBOARD	2
7	49384GT	SCREW,HHC,M14 X 30	8
8	37505GT	WASHER,LOCK,M14	8
9	63364PGT	FAN SHROUD, PAINTED	1
10	6175GT	SCREW,HHC,3/8-16 X 1	6
11	6021GT	WASHER, LOCK, .375	4
12	5397GT	WASHER, FLAT, USS, 5/16-18	10
13	63400PGT	BAFFLE, PERKINS, S40, PAINTED*	1
14	13002GT	SCREW,HHC,5/16-18 X 1 GR5	6
15	63362PGT	RADIATOR MOUNT, LH, PAINTED	1
16	6638GT	WASHER, FLAT, USS, 1/4"Y	26
17	7713GT	NUT, LP NYLOCK, 3/8-16	6
18	65473GT	CAP,RADIATOR,PERKINS/FORD	1
19	63462GT	RADIATOR,PERKINS,GM includes index number 18	1
20	30679-SGT	WELDMENT, ENGINE MODULE PLATE	1
21	63363PGT	RADIATOR MOUNT, RH PAINTED	1
22	1279268GT	BOTTLE, COOLANT RECOVERY, 2QT	1
22-	72327GT	CAP, COOLANT RET SYS(54071)	1
23	6090GT	SCREW, HHC, 1/4-20 X .75	4
24	6889GT	NUT,LP NYLOCK,1/4-20	4
25	6888GT	SCREW, HHC, 1/4-20 X 1	6
26	6091GT	NUT,NYLOCK,1/4-20	6
27	63414GT	RADIATOR HOSE, LOWER	1

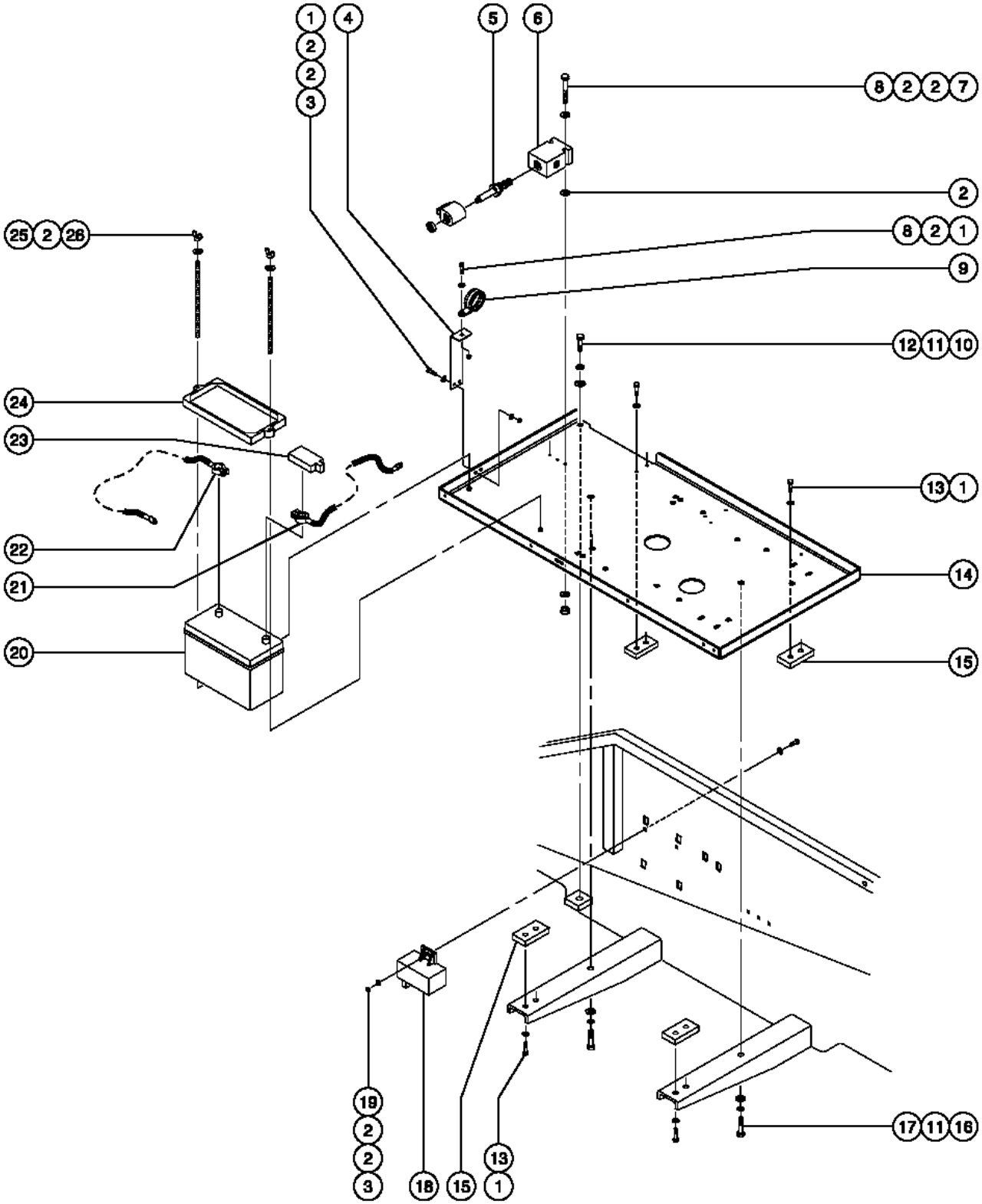
410.1 Perkins 704-30 Engine - View 4



410.1 Perkins 704-30 Engine - View 4

Item	Part No.	Description	Qty.
28	28076GT	ISOLATOR,VIBRATION,LG,RD&WH***	4
29	63419GT	WELDMENT,ENGINE MOUNT,OUTBOARD	2

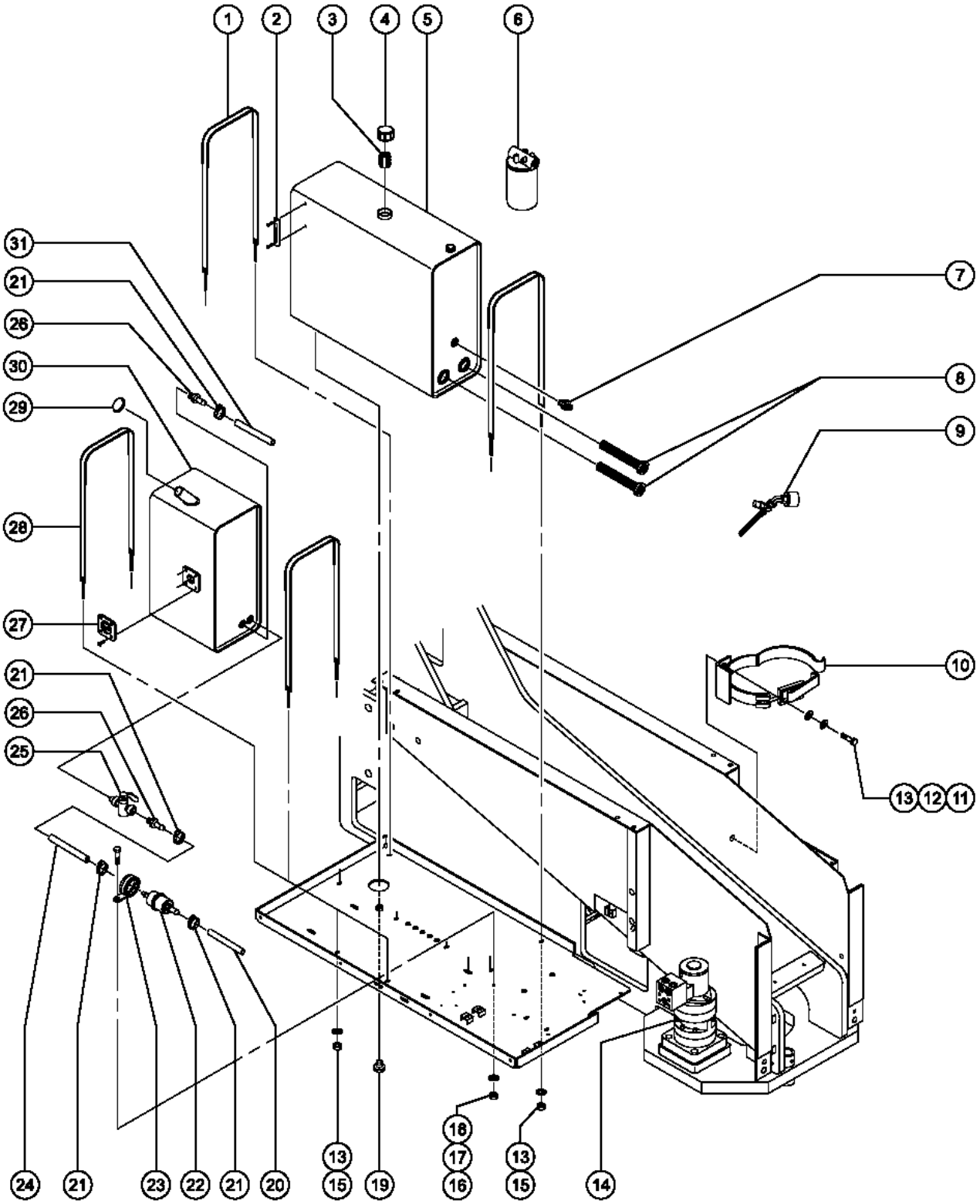
411.1 Perkins 704-30 Engine - View 5



411.1 Perkins 704-30 Engine - View 5

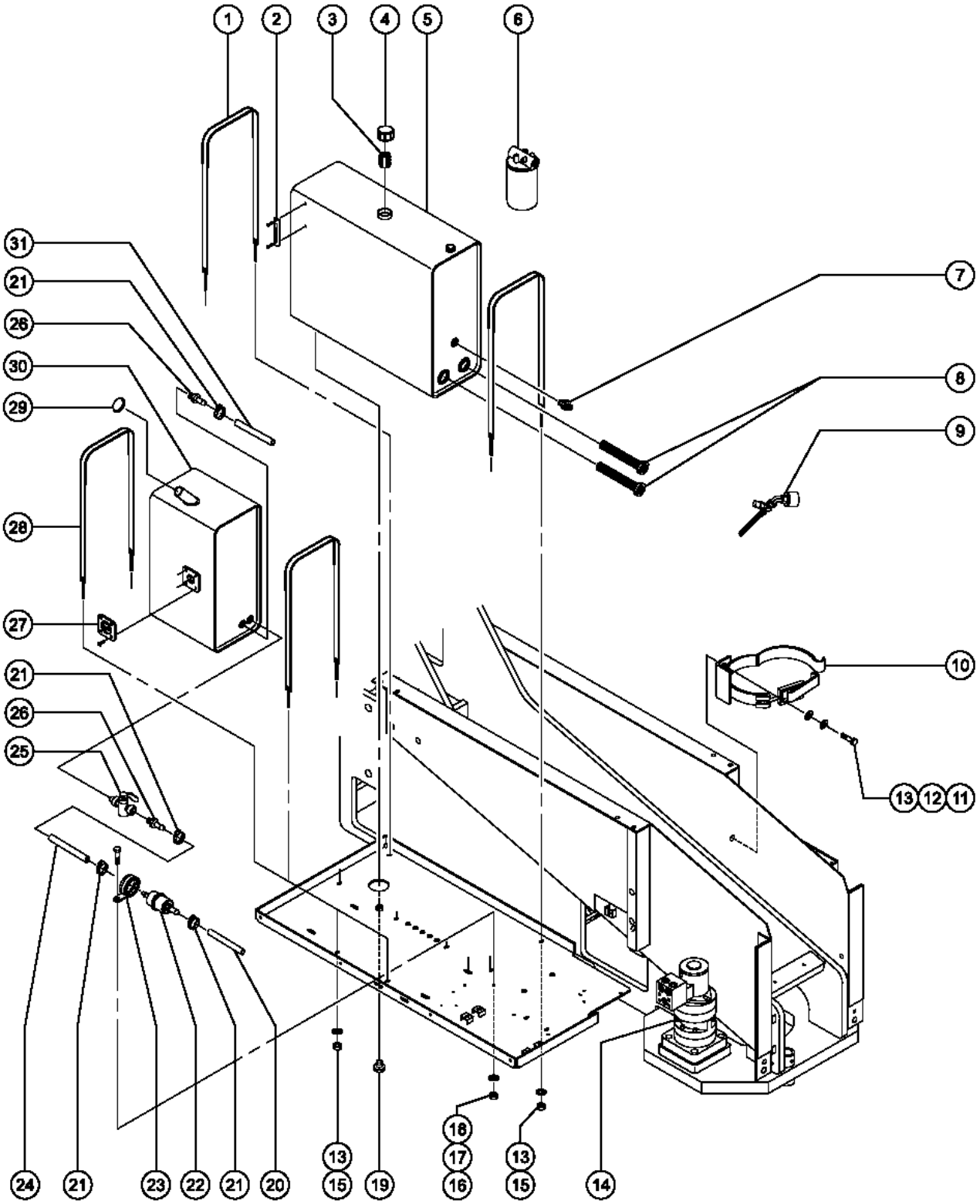
Item	Part No.	Description	Qty.
1	6090GT	SCREW, HHC, 1/4-20 X .75	11
2	6638GT	WASHER, FLAT, USS, 1/4"Y	15
3	6091GT	NUT,NYLOCK,1/4-20	3
4	63457PGT	AIR INTAKE BRACKET, PAINTED	1
5	29066GT	VALVE,SOLENOID,10V,2POS 3WAY**	1
5-	27814GT	COIL,SOLENOID,10V	1
5-	45912GT	NUT,SOLENOID VALVE 2P3W	1
6	30369GT	SOLENOID VALVE,N.C. 2POS. 3WAY includes index number 5	1
7	6115GT	SCREW,HHC,1/4-20 X 3.5	2
8	6889GT	NUT,LP NYLOCK,1/4-20	3
9	45455GT	CLAMP,2.75,#44 X 1/4,RUB CUSH*	1
10	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8	1
11	6036GT	WASHER,LOCK,.625 PLTD	3
12	13064GT	WASHER,FLAT,.625 HARDENED	1
13	6356GT	WASHER,LOCK,.25	8
14	30679-SGT	WELDMENT, ENGINE MODULE PLATE	1
15	45209GT	WEAR PAD,4X2X.5 W/INSERT***	4
16	21175GT	SCREW,SHC,5/8-11 X 4,A574	2
17	33418GT	WASHER,FLAT,.625 X 2.25 X.15	2
18		CONTROLLER,GLOW PLUG (53883) component no longer available	1
19	6888GT	SCREW, HHC, 1/4-20 X 1	1
20	1303581GT	BATTERY, 12V, 950CCA, FLA	1
21	30891GT	BATT.CABLE,00,POS.,RED,50"	1
22	122058GT	BATTERY CABLE,1/0 GA,BLK 30"	1
23	18189GT	BOOT,BATTERY TERMINAL,RED	1
24	30144GT	BATTERY HOLD DOWN,GROUP 31	1
25	8170GT	NUT,WING,1/4-20	2
26	30784-975GT	THREADED ROD,(1/4-20),9.75	2

501.1 Hydraulic and Fuel Tanks - Gasoline/LPG



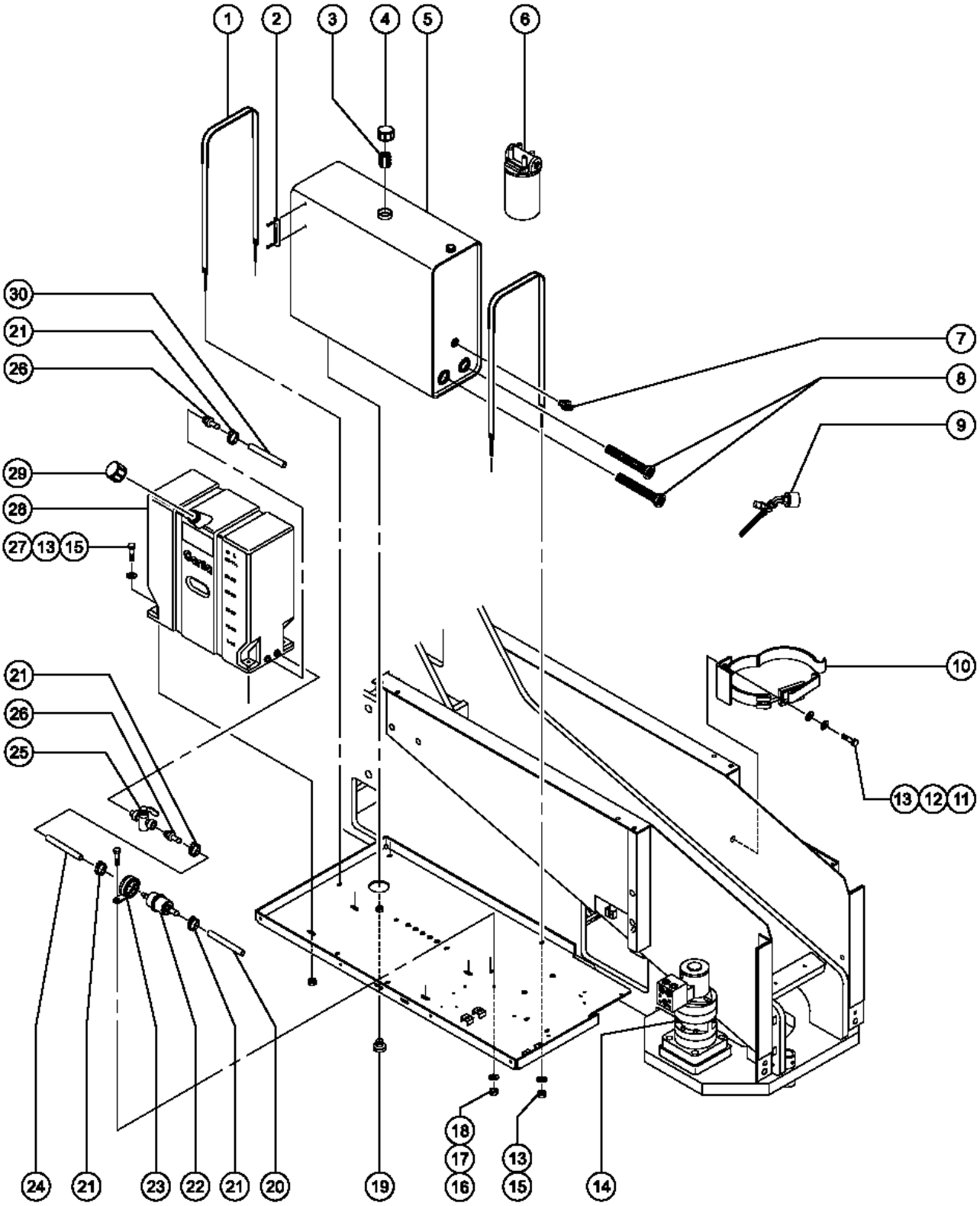
Item	Part No.	Description	Qty.
1	31524GT	STRAP ASSY,TANK, 66 INCH	2
1-	31658GT	EXTRUSION,RUBBER BUMPER STRIP	40 inches
2	21141GT	GAUGE-SIGHT,LHA-LGTB*** includes mounting fasteners	1
3	31506GT	STRAINER,FILLER NECK	1
4	53527GT	CAP,FILLER BREATHER,3 MICRON**	1
5	58211GT	HYDRAULIC TANK ASSY,S40/80*** includes index numbers 2 - 4, 7, 8 and 19; to SN 4392	1
5-	58210GT	HYDRAULIC TANK ASSY,S40/80*** includes index numbers 2 - 4, 7, 8 and 19; from SN 4393	1
6	48470GT	FILTER ASSEMBLY W/IND L,PAPER	1
6-	46014GT	FILTER,ELEMENT,BETA(6)=200	1
7	48922GT	CONN,520102-6-6	1
8	45161GT	STRAINER ASSEMBLY,1.5" NPT	2
9	25967GT	HOSE ASSEMBLY,LP GAS-86" LNG**	1
10	30711GT	LP.TANK BRKT WLDMT.,TALL to SN 2021	1
10-	53120-SGT	LP.TANK BRACKET TALL WLDMNT from SN 2022	1
11	6175GT	SCREW,HHC,3/8-16 X 1	2
12	6021GT	WASHER, LOCK, .375	2
13	5397GT	WASHER, FLAT, USS, 5/16-18	11
14		Ref. Turntable Rotator (refer to Figure 507.1)	11
15	4828GT	NUT, NYLOCK, 3/8-16	11
16	6002GT	NUT, LP NYLOCK, 5/16-18	1
17	6097GT	WASHER, FLAT, USS, 3/8", Y	1
18	13002GT	SCREW,HHC,5/16-18 X 1 GR5	1
19	31507GT	PLUG,SQUARE HEAD,3/4 MPT	1
20	27089GT	HOSE,5/16 FUEL,SAE 30R7	
21	21465GT	CLAMP,HOSE, .25" TO .63" X .3125"	4
22	52179GT	FILTER, FUEL LRG 425/423 EFI	1
23	45455GT	CLAMP,2.75,#44 X 1/4,RUB CUSH*	1

501.1 Hydraulic and Fuel Tanks - Gasoline/LPG



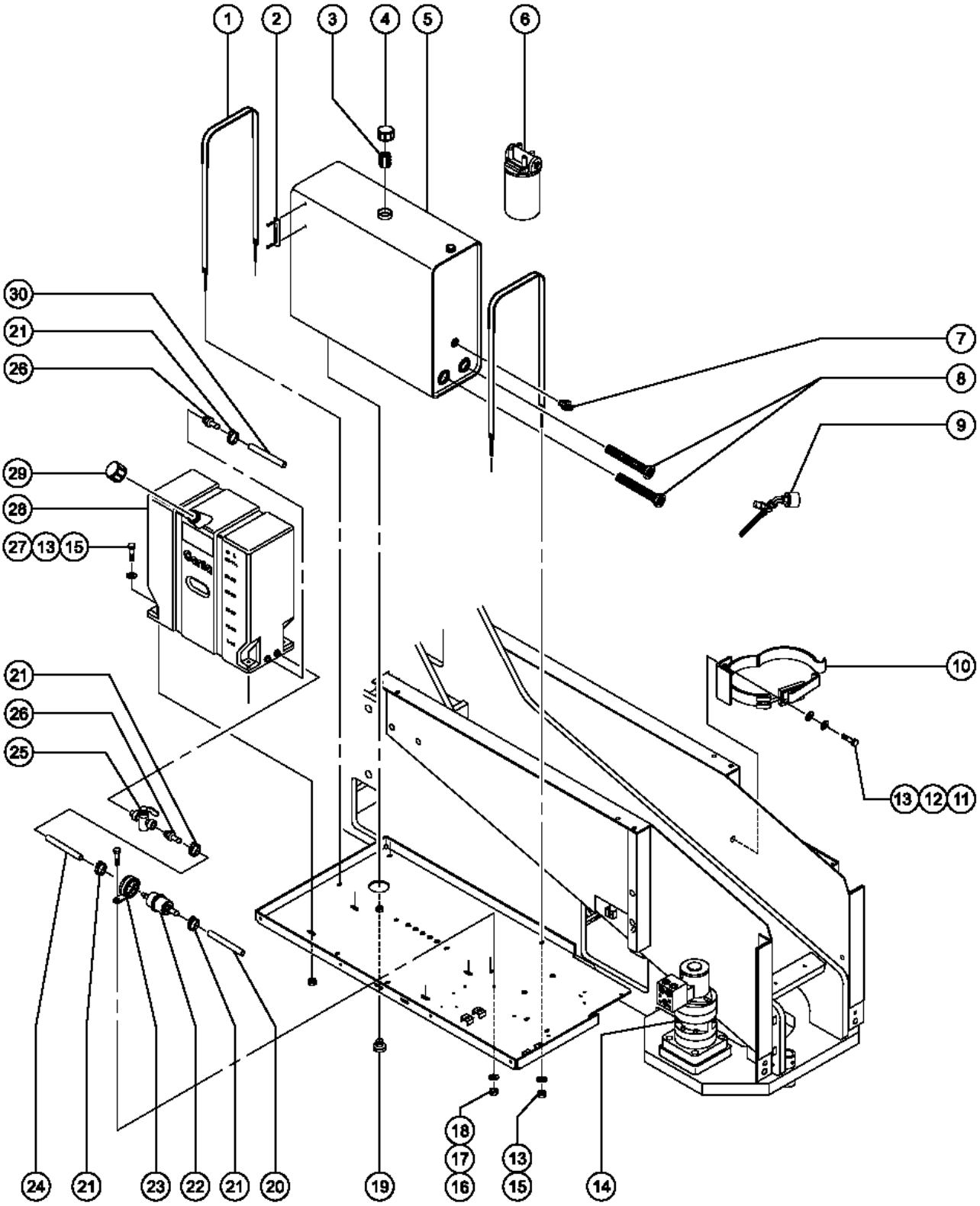
Item	Part No.	Description	Qty.
24	27089GT	HOSE,5/16 FUEL,SAE 30R7	
25	19487GT	VALVE, FUEL LOCK	1
26	53023GT	FITTING,1/4 MPT 5/16 BARB	2
27	30584GT	GAUGE,FUEL,SIDE MOUNT	1
28	30179GT	TANK STRAP,BOLT STYLE,62"	2
28-	31658GT	EXTRUSION,RUBBER BUMPER STRIP	40 inches
29	28829GT	CAP,FUEL,RED***	1
30	30546P-SGT	TANK,30 GALLON,PAINTED**	1
31	27089GT	HOSE,5/16 FUEL,SAE 30R7	

502.1 Hydraulic and Fuel Tanks - Gasoline/LPG



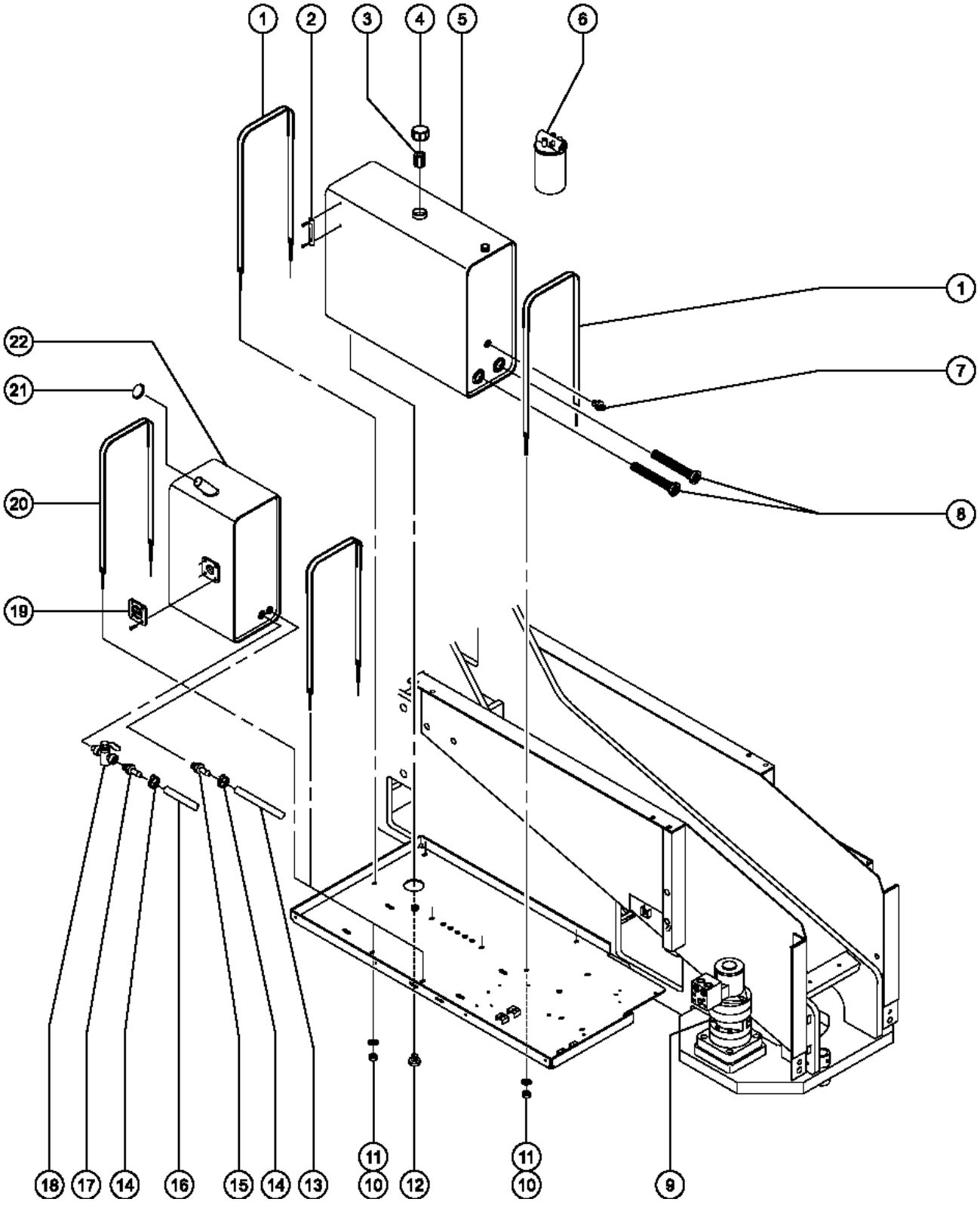
Item	Part No.	Description	Qty.
1	31524GT	STRAP ASSY,TANK, 66 INCH	2
1-	31658GT	EXTRUSION,RUBBER BUMPER STRIP	40 inches
2	21141GT	GAUGE-SIGHT,LHA-LGTB*** includes mounting fasteners	1
3	31506GT	STRAINER,FILLER NECK	1
4	53527GT	CAP,FILLER BREATHER,3 MICRON**	1
5	58211GT	HYDRAULIC TANK ASSY,S40/80*** includes index numbers 2 - 4, 7, 8 and 19; to SN 4392	1
5-	58210GT	HYDRAULIC TANK ASSY,S40/80*** includes index numbers 2 - 4, 7, 8 and 19; from SN 4393	1
6	48470GT	FILTER ASSEMBLY W/IND L,PAPER	1
6-	46014GT	FILTER,ELEMENT,BETA(6)=200	1
7	48922GT	CONN,520102-6-6	1
8	45161GT	STRAINER ASSEMBLY,1.5" NPT	2
9	25967GT	HOSE ASSEMBLY,LP GAS-86" LNG**	1
10	30711GT	LP.TANK BRKT WLDMT.,TALL to SN 2021	1
10-	53120-SGT	LP.TANK BRACKET TALL WLDMNT from SN 2022	1
11	6175GT	SCREW,HHC,3/8-16 X 1	2
12	6021GT	WASHER, LOCK, .375	2
13	5397GT	WASHER, FLAT, USS, 5/16-18	7
14		Ref. Turntable Rotator (refer to Figure 507.1)	7
15	4828GT	NUT, NYLOCK, 3/8-16	7
16	6002GT	NUT, LP NYLOCK, 5/16-18	1
17	6097GT	WASHER, FLAT, USS, 3/8", Y	1
18	13002GT	SCREW,HHC,5/16-18 X 1 GR5	1
19	31507GT	PLUG,SQUARE HEAD,3/4 MPT	1
20	27089GT	HOSE,5/16 FUEL,SAE 30R7	
21	21465GT	CLAMP,HOSE, .25" TO .63" X .3125"	4
22	52179GT	FILTER, FUEL LRG 425/423 EFI	1
23	45455GT	CLAMP,2.75,#44 X 1/4,RUB CUSH*	1

502.1 Hydraulic and Fuel Tanks - Gasoline/LPG



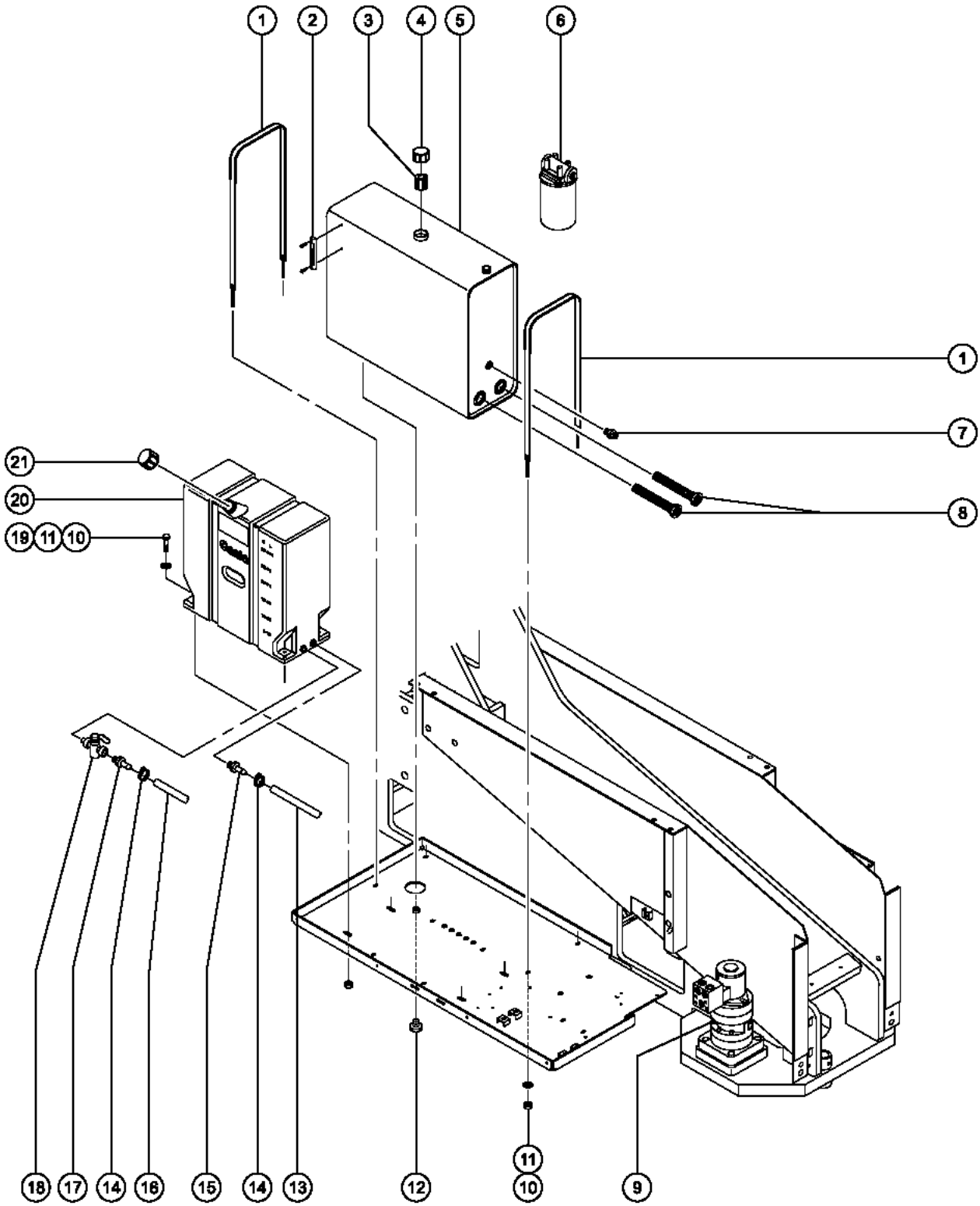
Item	*Part No.*	*Description*	*Qty.*
24	27089GT	HOSE,5/16 FUEL,SAE 30R7	
25	19487GT	VALVE, FUEL LOCK	1
26	53023GT	FITTING,1/4 MPT 5/16 BARB	2
27	8178GT	SCREW, HHC, 3/8-16 X 2.5	4
28	73593GT	FUEL TANK,H/D PLASTIC W/DECAL*	1
29	101727GT	CAP,FUEL,GAS,1/8"VENT(RED)	1
30	27089GT	HOSE,5/16 FUEL,SAE 30R7	

503.1 Hydraulic and Fuel Tanks - Diesel



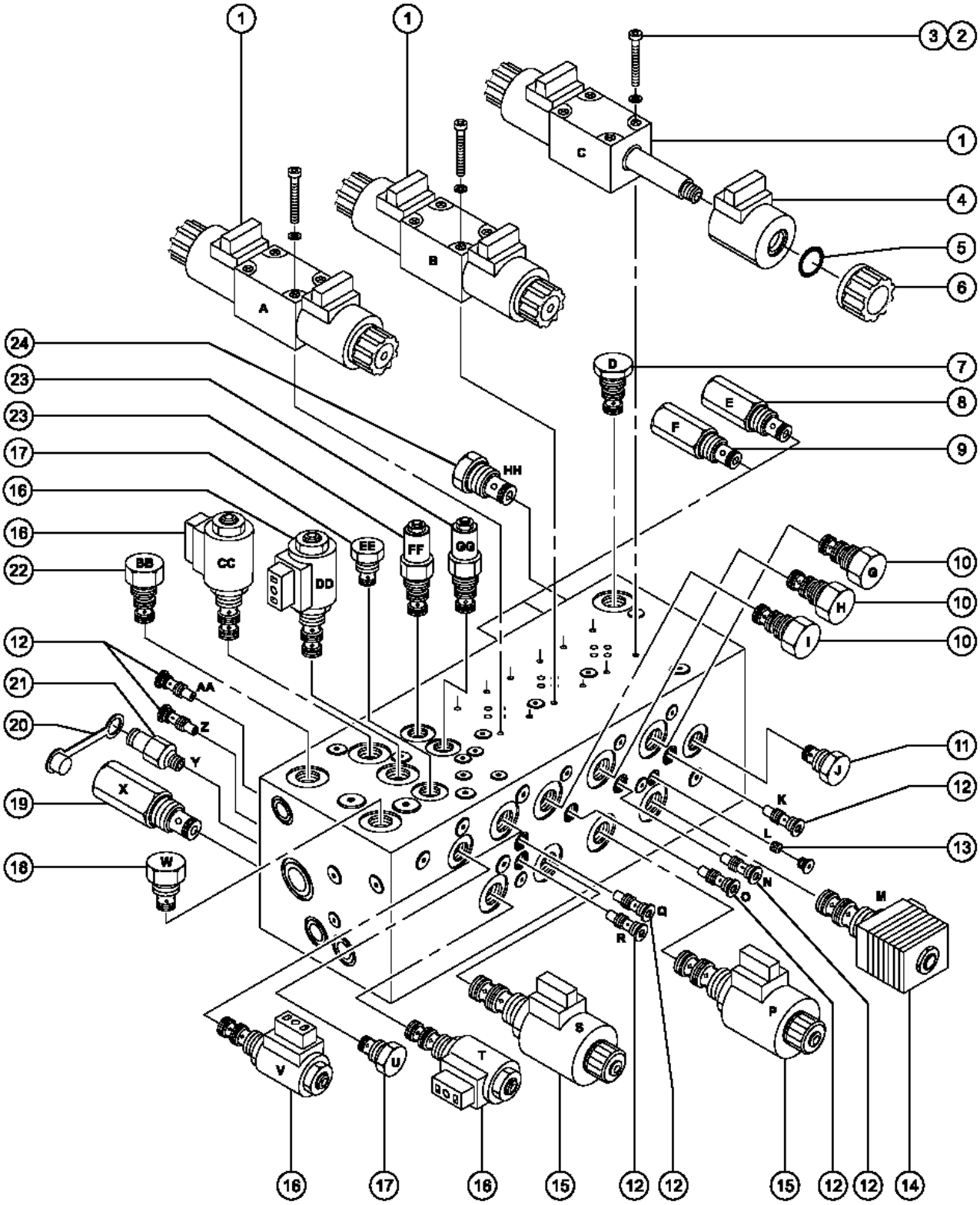
Item	Part No.	Description	Qty.
1	31524GT	STRAP ASSY,TANK, 66 INCH	2
1-	31658GT	EXTRUSION,RUBBER BUMPER STRIP	40 inches
2	21141GT	GAUGE-SIGHT,LHA-LGTB*** includes mounting fasteners	1
3	31506GT	STRAINER,FILLER NECK	1
4	53527GT	CAP,FILLER BREATHER,3 MICRON**	1
5	58211GT	HYDRAULIC TANK ASSY,S40/80*** includes index numbers 2 - 4, 7, 8 and 19; to SN 4392	1
5-	58210GT	HYDRAULIC TANK ASSY,S40/80*** includes index numbers 2 - 4, 7, 8 and 19; from SN 4393	1
6	48470GT	FILTER ASSEMBLY W/IND L,PAPER	1
6-	46014GT	FILTER,ELEMENT,BETA(6)=200	1
7	48922GT	CONN,520102-6-6	1
8	45161GT	STRAINER ASSEMBLY,1.5" NPT	2
9		Ref. Turntable Rotator (refer to Figure 507.1)	2
10	4828GT	NUT, NYLOCK, 3/8-16	8
11	5397GT	WASHER, FLAT, USS, 5/16-18	8
12	31507GT	PLUG,SQUARE HEAD,3/4 MPT	1
13	30490GT	HOSE,1/4 FUEL LINE,SAE 30R7	
14	21465GT	CLAMP,HOSE, .25" TO .63" X .3125"	2
15	29137GT	HOSE END,MALE.25 X .25 MPT***	1
16	27089GT	HOSE,5/16 FUEL,SAE 30R7	
17	53023GT	FITTING,1/4 MPT 5/16 BARB	1
18	19487GT	VALVE, FUEL LOCK	1
19	30584GT	GAUGE,FUEL,SIDE MOUNT	1
20	30179GT	TANK STRAP,BOLT STYLE,62"	2
20-	31658GT	EXTRUSION,RUBBER BUMPER STRIP	4 inches
21	25567GT	CAP,FUEL,GREEN*	1
22	30546P-SGT	TANK,30 GALLON,PAINTED**	1

504.1 Hydraulic and Fuel Tanks - Diesel



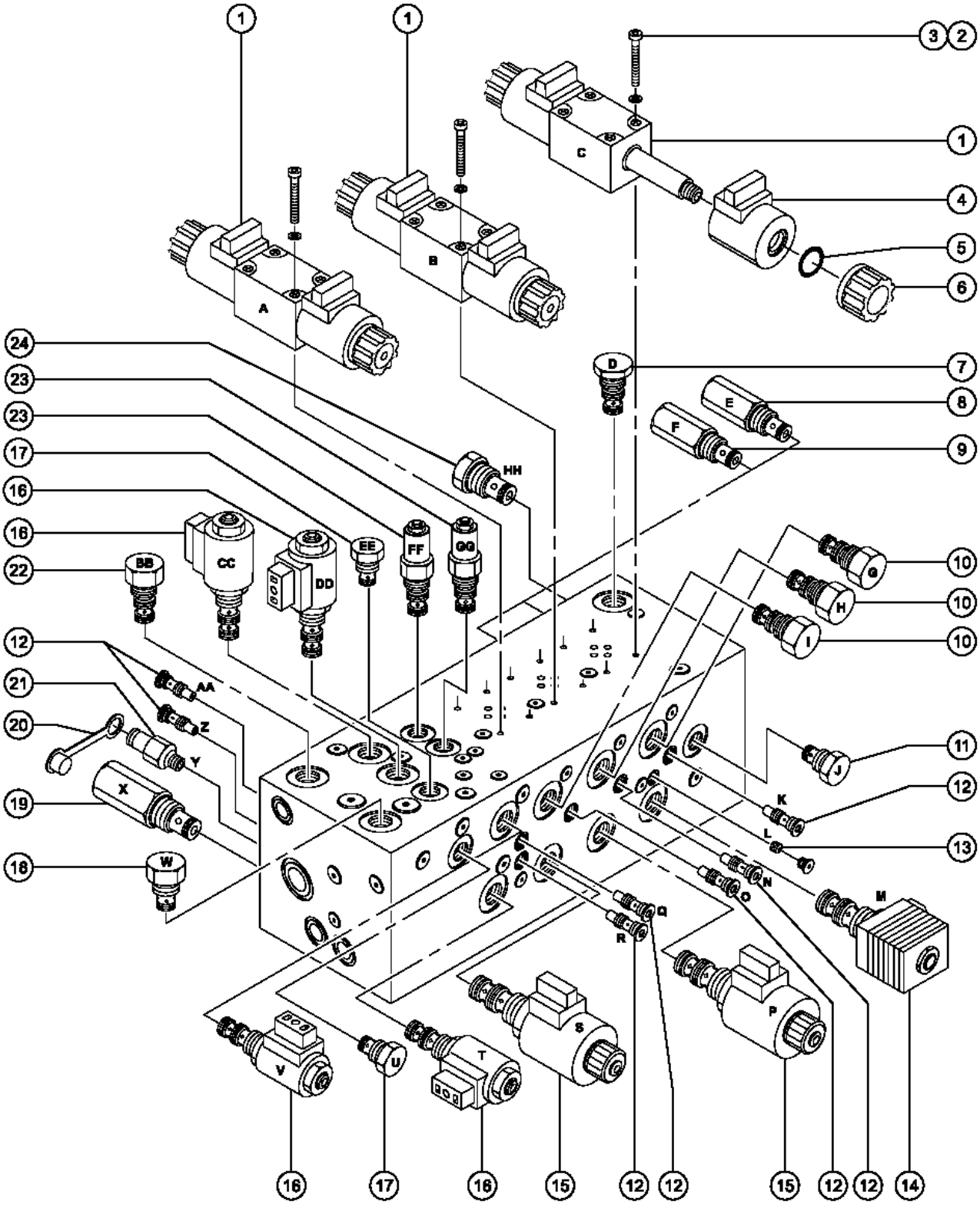
Item	Part No.	Description	Qty.
1	31524GT	STRAP ASSY,TANK, 66 INCH	2
2	21141GT	GAUGE-SIGHT,LHA-LGTB*** includes mounting fasteners	1
3	31506GT	STRAINER,FILLER NECK	1
4	53527GT	CAP,FILLER BREATHER,3 MICRON**	1
5	58211GT	HYDRAULIC TANK ASSY,S40/80*** includes index numbers 2 - 4, 7, 8 and 12; to SN 4392	1
5-	58210GT	HYDRAULIC TANK ASSY,S40/80*** includes index numbers 2 - 4, 7, 8 and 12; from SN 4393	1
6	48470GT	FILTER ASSEMBLY W/IND L,PAPER	1
6-	46014GT	FILTER,ELEMENT,BETA(6)=200	1
7	48922GT	CONN,520102-6-6	1
8	45161GT	STRAINER ASSEMBLY,1.5" NPT	2
9		Ref. Turntable Rotator (refer to Figure 507.1)	2
10	4828GT	NUT, NYLOCK, 3/8-16	8
11	5397GT	WASHER, FLAT, USS, 5/16-18	8
12	31507GT	PLUG,SQUARE HEAD,3/4 MPT	1
13	30490GT	HOSE,1/4 FUEL LINE,SAE 30R7	
14	21465GT	CLAMP,HOSE, .25" TO .63" X .3125"	2
15	29137GT	HOSE END,MALE.25 X .25 MPT***	1
16	27089GT	HOSE,5/16 FUEL,SAE 30R7	
17	53023GT	FITTING,1/4 MPT 5/16 BARB	1
18	19487GT	VALVE, FUEL LOCK	1
19	8178GT	SCREW, HHC, 3/8-16 X 2.5	4
20	73593GT	FUEL TANK,H/D PLASTIC W/DECAL*	1
21	101726GT	CAP,FUEL,DIESEL,1/8"VENT(GRN) no longer available, (replaced by 1316635)	1
21B	1316635GT	CAP, FUEL, DIESEL, 0.08 IN HOLE (BLACK)	1

505.1 Function Manifold



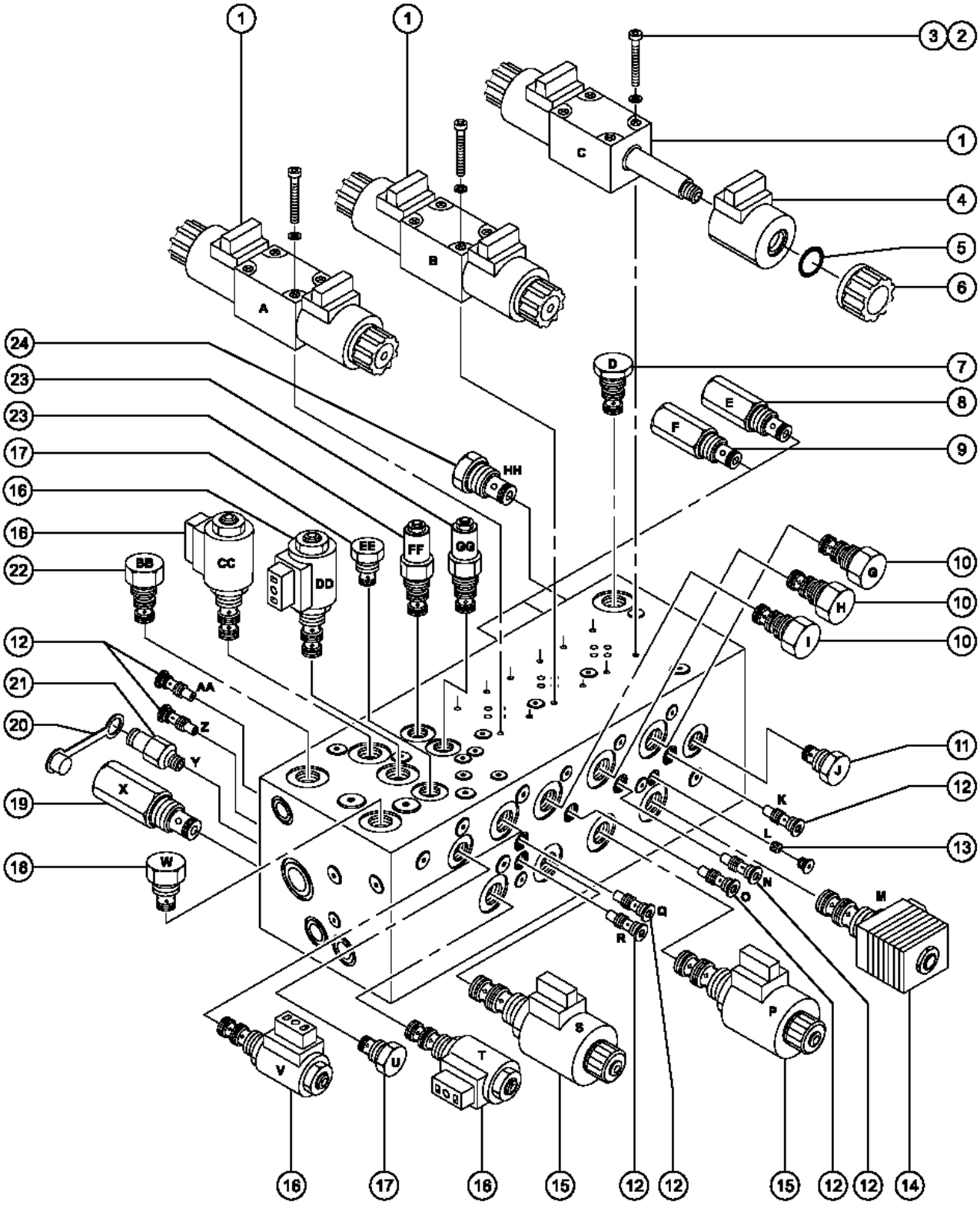
Item	Part No.	Description	Qty.
	146176GT	MANIFOLD,MULTI-FUNCTION S40 to SN 5641	
	146177GT	MANIFOLD,MLTI-FUNCTION,S40/45 from SN 5642	
	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
	65879GT	O-RING KIT(41769) SQ.CUT DO3 This kit reports to all D01&D03 valves	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	146165GT	VALVE KIT,D03 includes two each of index numbers 4, 5, and 6. kit comes with two inch screws, if customer needs four inch screws refer to 40617.	3
2	43255GT	SCREW,SHC,10-24 X 2	12
3	6607GT	WASHER,LOCK,#10 PLTD	12
4	223763GT	COIL WITH DE CONNECTOR Previous coil part 41771 is no longer available, must upgrade original valve with a newer valve part 146165.	6
5	48648GT	O-RING, D03 COIL	6
6	48649GT	NUT-D03 COIL	6
7	33511GT	VALVE,CHECK,PILOT OPERATED	1
8	52416GT	VALVE,RELIEF,1950 PSI,S40***	1
9	52415GT	VALVE,RELIEF,2200 PSI***	1
10	27802GT	VALVE,DIFFERENTIAL SENSING***	3
11	32975GT	VALVE,FLOW REGULATOR 0.1 GPM	1
12	27807GT	VALVE,CHECK***	7
13	52417GT	ORIFICE PLUG, .140	1
14	27832GT	VALVE,SOLENOID,V2470DRT includes the coil and nut; to SN 5641	1
14-	22813GT	COIL,12V.19970,19971 to SN 5641	1
14-	45912GT	NUT,SOLENOID VALVE 2P3W	1
14-	65518GT	VALVE,SOLENOID,V2470DRT includes the coil and nut; from SN 5642	1
14-	81044GT	COIL,SOLENOID,10DSD 10V,W/DIOD from SN 5642	1
14-	45912GT	NUT,SOLENOID VALVE 2P3W	1
15	27801GT	VALVE,PROPORTIONAL SOLENOID***	2

505.1 Function Manifold



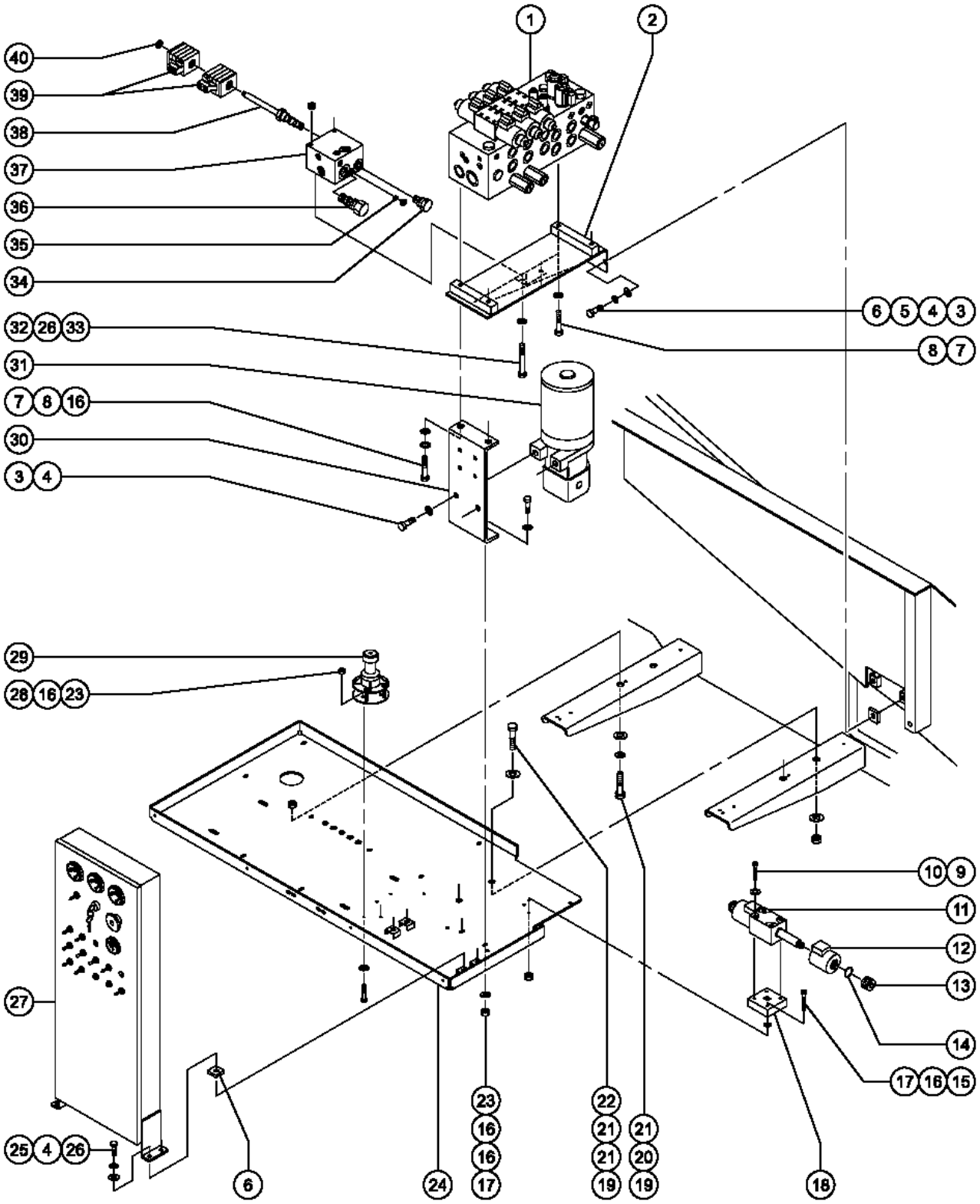
Item	Part No.	Description	Qty.
15-	21935GT	COIL, 12V, 19972/21623/29069	2
15-	45914GT	O-RING, DO1 VALVE	2
15-	45921GT	RETAINER-N.C.PROPOR.SOLENOID	2
16	48642GT	VALVE-SOLENOID, 2POS,3WAY,10V includes the coil and nut; to SN 5641	4
16-	27814GT	COIL,SOLENOID,10V to SN 5641	4
16-	45912GT	NUT,SOLENOID VALVE 2P3W	4
16-	84128GT	SOLENOID VALVE, GS-3384 includes the coil and nut	4
16-	81043GT	COIL,SOLENOID,8 DSD 10V,W/DIO* from SN 5642	4
16-	45912GT	NUT,SOLENOID VALVE 2P3W	4
17	31100GT	VALVE,FLOW REGULATOR 0.6GPM	2
18	27804GT	VALVE,DIFFERENTIAL SENSING***	1
19	102616GT	VALVE,RELIEF 2900 PSI	1
20	48880GT	CAP,DIAGNOSTIC NIPPLE	1
21	48997GT	NIPPLE,DIAGNOSTIC,#4	1
21-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	1
22	30968GT	VALVE,FLOW REGULATOR 2.0 GPM non-oscillating models	1
22-	111705GT	VALVE,FLOW REGULATOR 3.5 GPM** oscillating models	1
23	48647GT	VALVE,COUNTERBALANCE,3500 PSI*	2
23A	58994GT	SEAL KIT,VALVE (48647) for 48647	
24	32725GT	VALVE,CHECK (30797)	1
A		D03 Valve Turntable Rotate Left/Right	
B		D03 Valve Boom Up/Down	
C		D03 Valve Boom Extend/Retract	
D		Check Valve Boom Extend/Retract Circuit	
E		Relief Valve Boom Extend	
F		Relief Valve Boom Down	
G		Differental. Sensing, 150 psi Boom Extend/Retract Circuit	
H		Differental Sensing, 150 psi Boom Up/Down Circuit	

505.1 Function Manifold



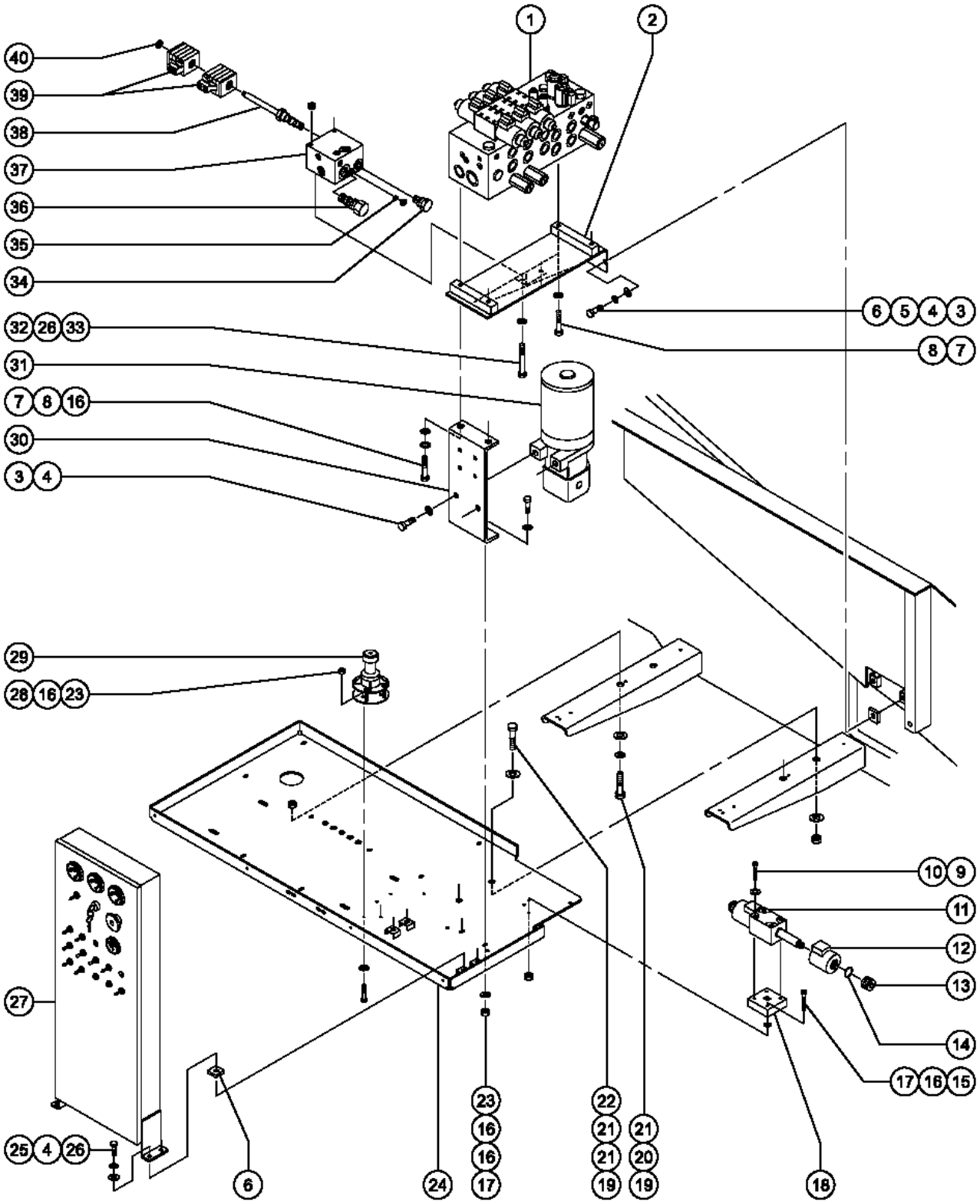
Item	Part No.	Description	Qty.
I		Differential Sensing, 150 psi Turntable Rotate Left/Right	
J		Flow Regulator, 0.1 gpm Bleeds off Differential Sensing Valve to Tank	
K		Check Valve Differential Sensing Circuit, Boom Extend/Retract	
L		Plug - Orifice 0.140 inch Boom Extend/Retract Circuit	
M		Proportional Solenoid Valve Boom Extend/Retract	
N		Check Valve Differential Sensing Circuit, Boom Up/Down	
O		Check Valve Differential Sensing Circuit, Turntable Rotate	
P		Proportional Solenoid Valve Boom Up/Down	
Q		Check Valve Differential Sensing Circuit, Platform Level Up	
R		Check Valve Differential Sensing Circuit, Platform Level Down	
S		Proportional Solenoid Valve Turntable Rotate	
T		Solenoid Valve Platform Level Up	
U		Flow Regulator, 0.6 gpm Platform Level Circuit	
V		Solenoid Valve Platform Level Down	
W		Differential Sensing Valve Meters Flow to Functions	
X		Relief Valve System Relief	
Y		Diagnostic Nipple Testing	
Z		Check Valve Differential Sensing Circuit, Platform Rotate Left	
AA		Check Valve Differential Sensing Circuit, Platform Rotate Right	
BB		Flow Regulator, 2.0 gpm (without oscillating axle OR 3.5 gpm with oscillating axle) Steer Circuit	
CC		Solenoid Valve Platform Rotate Left	
DD		Solenoid Valve Platform Rotate Right	
EE		Flow Regulator, 0.6 gpm Platform Rotate Circuit	
FF		Counterbalance Valve Platform Level Up	
GG		Counterbalance Valve Platform Level Down	
HH		Check Valve Boom Extend/Retract Circuit	

506.1 Function Manifold and Auxiliary Power Unit Installation



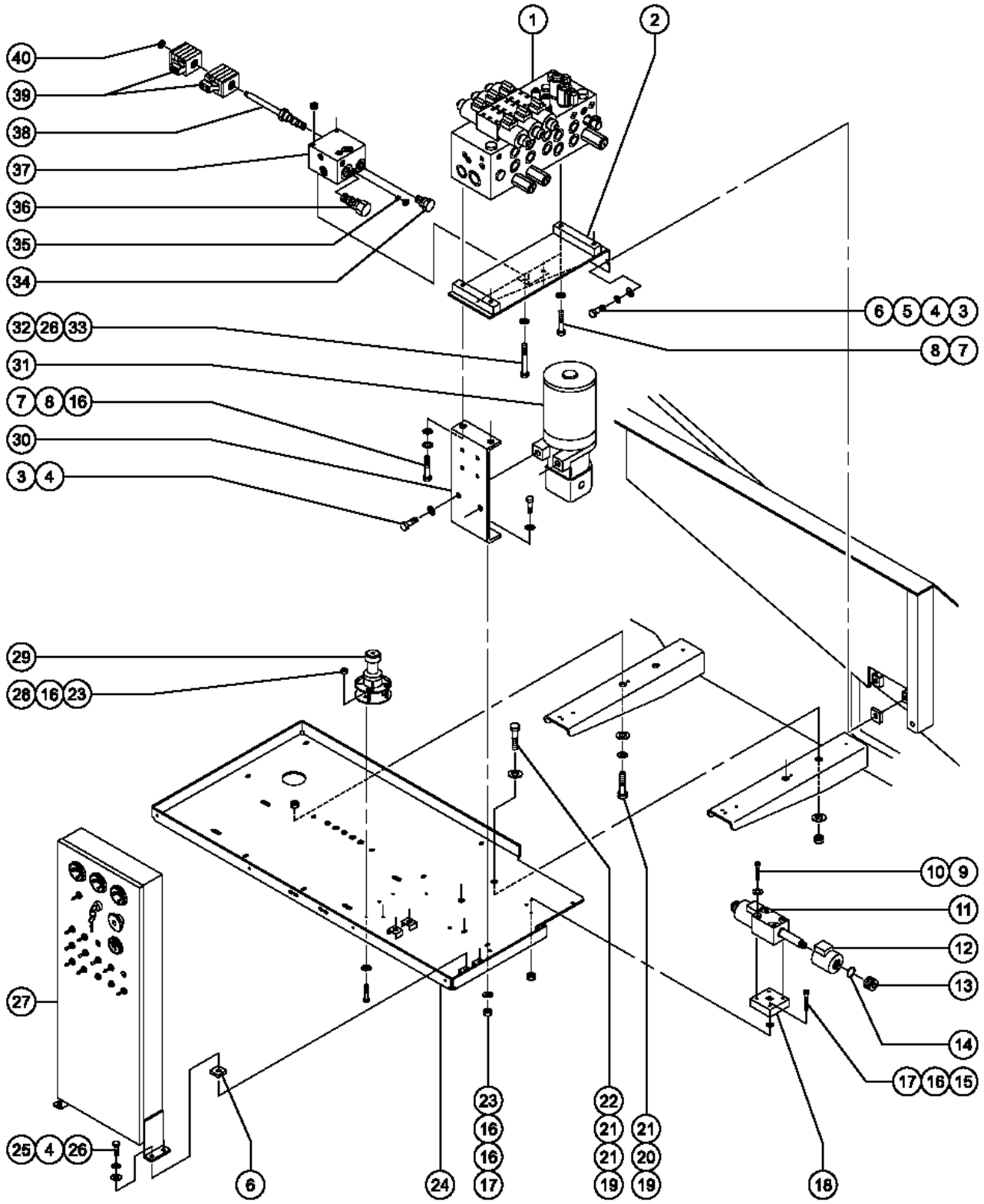
Item	Part No.	Description	Qty.
1	146176GT	MANIFOLD,MULTI-FUNCTION S40 to SN 5641	1
1-	146177GT	MANIFOLD,MLTI-FUNCTION,S40/45 from SN 5642	1
2	53122-SGT	WELDMENT,FUNCTION MANIFOLD MNT	1
3	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	8
4	6021GT	WASHER, LOCK, .375	8
5	6097GT	WASHER, FLAT, USS, 3/8", Y	6
6	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	6
7	4266GT	SCREW,HHC,1/4-20 X 2	4
8	6356GT	WASHER,LOCK,.25	4
9	45916GT	SCREW,SHC,10-24 X 1.250 (D01)	4
10	6607GT	WASHER,LOCK,#10 PLTD	4
11	146160GT	VALVE KIT,D03 includes index numbers 12 through 14; non-oscillating models	1
12	223763GT	COIL WITH DE CONNECTOR non-oscillating models; replaced 233763	1
13	48649GT	NUT-D03 COIL non-oscillating models	1
14	48648GT	O-RING, D03 COIL non-oscillating models	1
15	30444GT	SCREW,SHC,1/4-20 X 2	4
16	6638GT	WASHER, FLAT, USS, 1/4"Y	14
17	6091GT	NUT,NYLOCK,1/4-20	6
18	24675GT	SUB PLATE (SPOOL VALVE) non-oscillating models	1
19	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8	3
20	6036GT	WASHER,LOCK,.625 PLTD	1
21	13064GT	WASHER,FLAT,.625 HARDENED	5
22	6024GT	NUT,NYLOCK,5/8-11	2
23	6888GT	SCREW, HHC, 1/4-20 X 1	4
24	30677GT	WELDMENT,HYD TANK MODULE	1
25	6175GT	SCREW,HHC,3/8-16 X 1	4
26	5397GT	WASHER, FLAT, USS, 5/16-18	8
27		Ref. Ground Controls (refer to Figure 508.1)	8

506.1 Function Manifold and Auxiliary Power Unit Installation



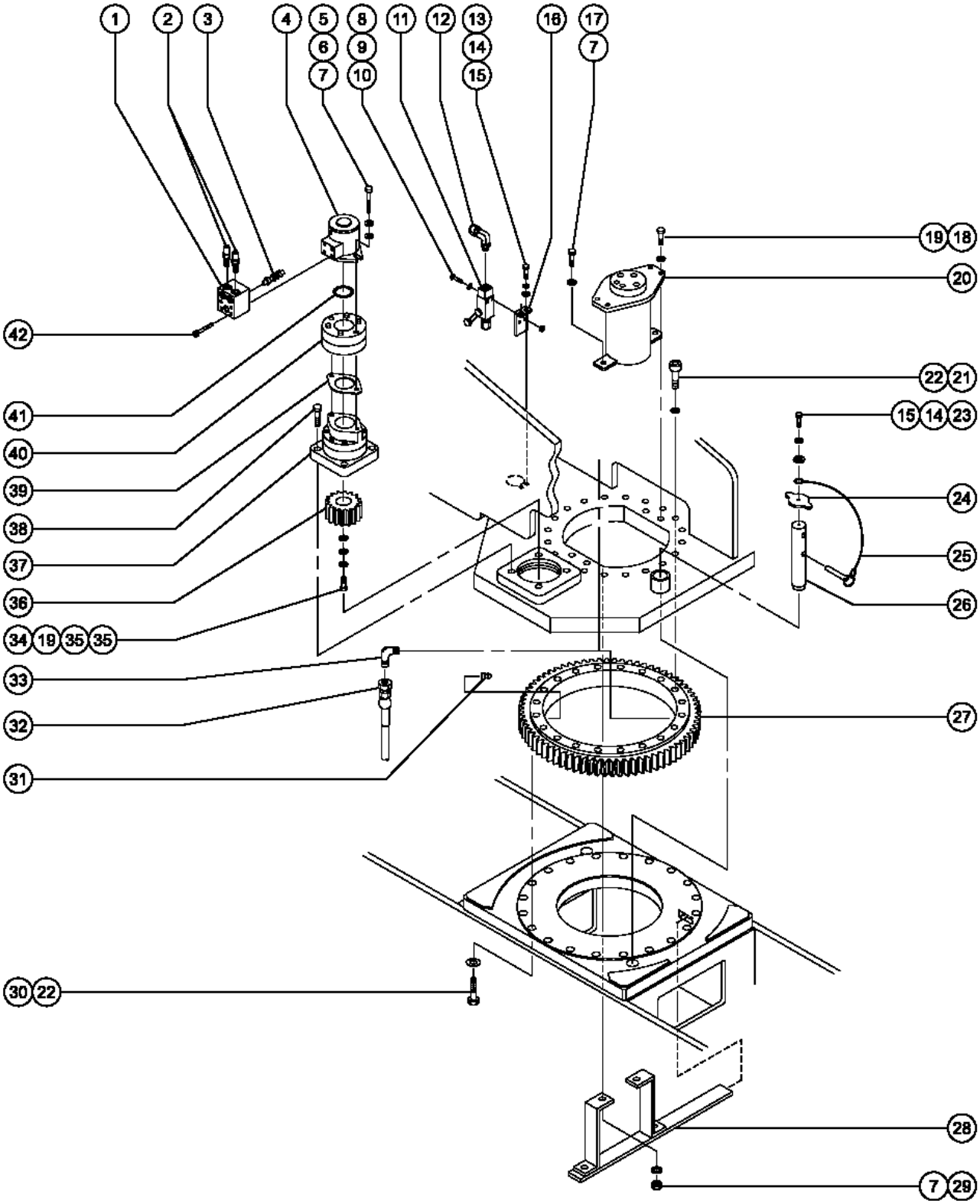
Item	Part No.	Description	Qty.
28	6889GT	NUT,LP NYLOCK,1/4-20	2
29	94077GT	SENSOR,LEVEL,4.5 DEG	1
29-	1260218GT	HARNESS,TILT ALARM,12V for CSA models only from SN 6092 to 7000	
29-	1264947GT	KIT, LEVEL SENSOR, 6 PIN CONN For ANSI/CSA models with 6-pin wire harness connector, includes instructions	
30	30718P-SGT	BRACKET,AUX.PUMP MNT.PAINTED	1
31A	89617GT	POWER UNIT,AUX PUMP 12VDC complete, replaced older 32811, 53236 and 81071	1
31A-	58489GT	PUMP ASSY,AUX.POWER UNIT 89617 use with 89617	
31A-	147289GT	SEAL KIT, APU use with 89617	
31A-	147290GT	SHAFT SEAL, APU use with 89617	
31B-	37187GT	SEAL KIT, 37185 PUMP use with 81071; from SN 5973	1
31B-	37192GT	COUPLER, PUMP / MOTOR (36179) use with 81071; from SN 5973	
31B-	62268GT	PUMP, AUX. POWER UNIT use with 81071; from SN 5973	
31B-	62414GT	SEAL, SHAFT, 60511 APU use with 81071; from SN 5973	
31D-	77069GT	MOTOR,12VDC,77066 use with 81071 and 89617	
31D-	77071GT	SOLENOID,77066 use with 81071 and 89617	
31E-	62080GT	MOTOR,12V DC,APU (53236) single terminal motor, use with 53236; to SN 5972	
31F-	32949GT	MOTOR,12V DC (32810/32811)APU dual terminal motor, use with 32811; to SN 5972	
31F-	32955GT	END HEAD, 32810 POWER UNIT use with 53236 and 32811; to 5972	
31F-	32948GT	COUPLER,PUMP TO MOTOR (32810) use with 53236 and 32811; to 5972	
31F-	32967GT	GASKET,PUMP TO DC MTR.(32810) use with 53236 and 32811; to 5972	
31F-	33455GT	PUMP, AUX. POWER UNIT use with 53236 and 32811; to 5972	
31F-	32959GT	BALL,CHECK (32810) use with 53236 and 32811; to 5972	
31F-	32962GT	GASKET,0.0005,SILVER (32810) use with 53236 and 32811; to 5972	
31F-	32963GT	GASKET,0.001,AMBER (32810) use with 53236 and 32811; to 5972	
31F-	32964GT	GASKET,0.00075,GOLD (32810) use with 53236 and 32811; to 5972	
32	49468GT	SCREW,HHC,5/16-18 X 3.25	2
33	6782GT	NUT, NYLOCK, 5/16-18	2
34	45543GT	VALVE,CHECK, 50 PSI oscillating models	1

506.1 Function Manifold and Auxiliary Power Unit Installation



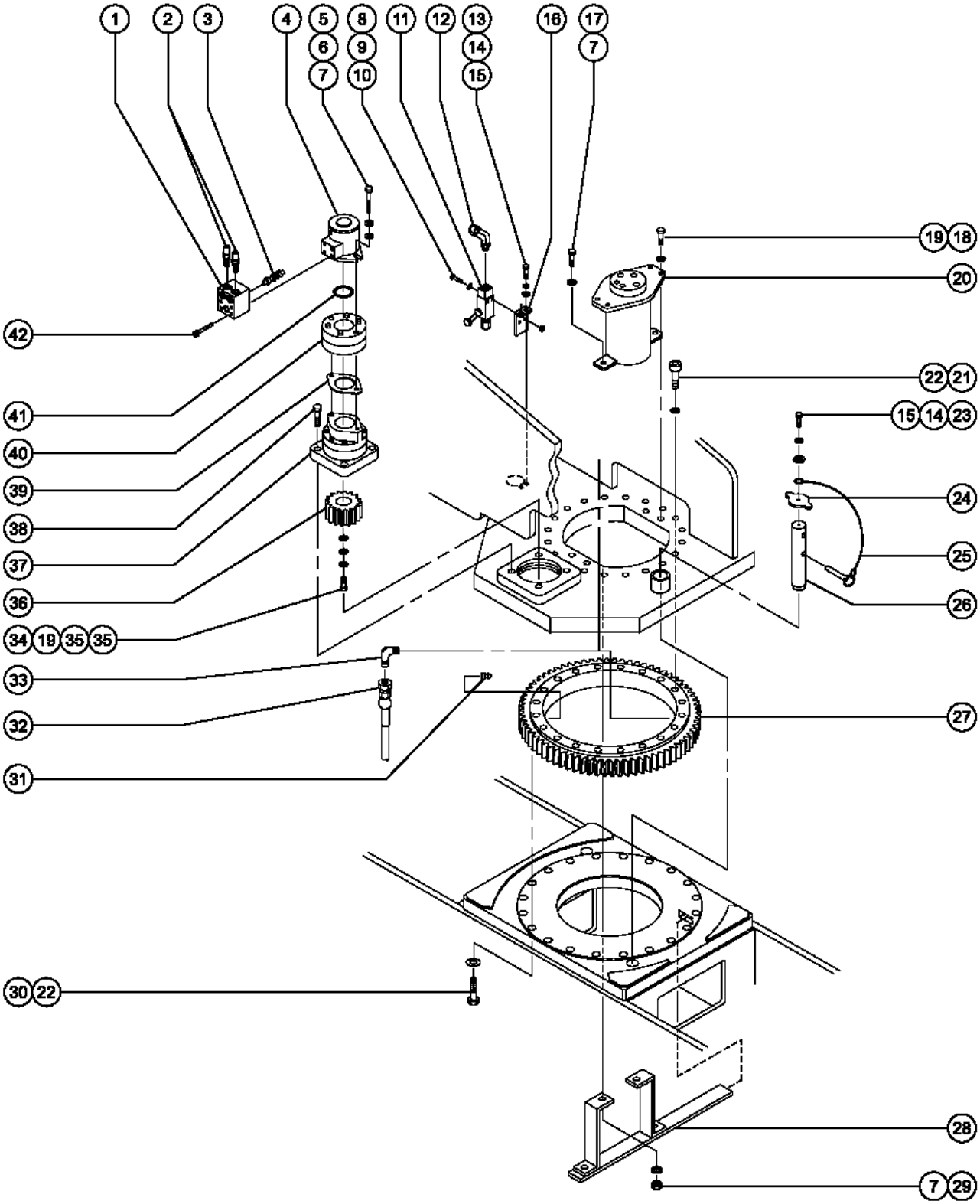
Item	*Part No.*	*Description*	*Qty.*
35	32669GT	ORIFICE PLUG,.025 (30551) ..... oscillating models	1
36	33946GT	VALVE,FLOW REGULATOR 2 GPM ..... oscillating models	1
37	49036GT	MANIFOLD,STR/OSC. S40 ..... includes index numbers 34 through 36 and 38 through 40; oscillating models; Complete to SN 5641	1
37-	81030GT	MANIFOLD,STR/OSC, S40 ..... includes index numbers 34 through 36 and 38 through 40; oscillating models; Complete from SN 5642	1
38	48684GT	VALVE, SOLENOID, 10V ..... includes index numbers 39 and 40; oscillating models; to SN 5641	1
38-	43609GT	VALVE,SOLENOID 3P4W ..... includes index numbers 39 and 40; oscillating models; from SN 5642	1
39	29744GT	COIL,10V ..... oscillating models; to SN 5641	2
39-	81044GT	COIL,SOLENOID,10DSD 10V,W/DIOD ..... oscillating models; from SN 5642	2
40	52943GT	NUT, SOLENOID VALVE COIL ..... oscillating models	1

507.1 Turntable Rotator and Hydraulic Rotary Coupler Installation



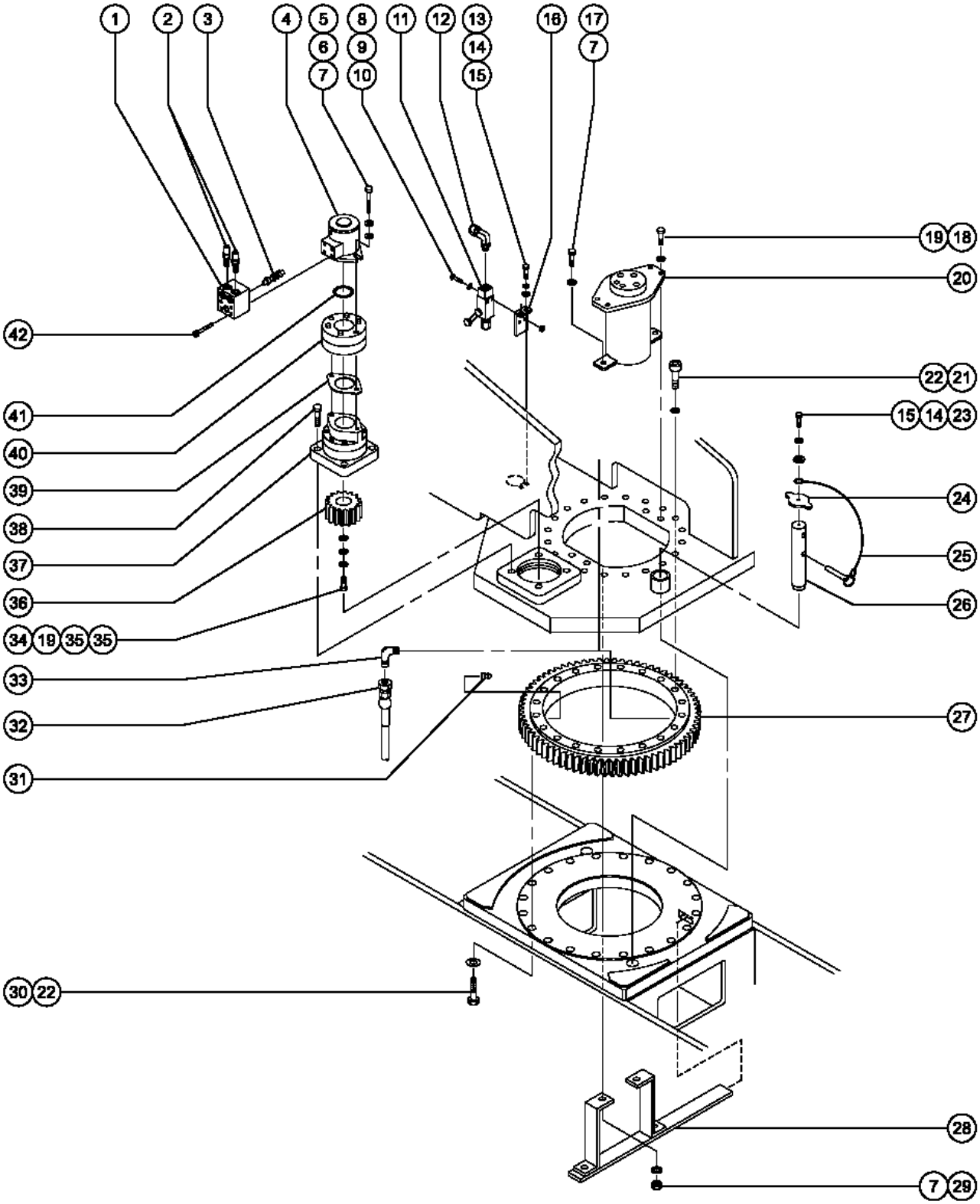
Item	Part No.	Description	Qty.
1	102680GT	MANIFOLD,TURNTABLE ROTATION*** includes index numbers 2 and 3	1
2	40983GT	VALVE,COUNTERBALANCE,1500 PSI for manifold 81366	2
3	45483GT	VALVE,SHUTTLE*** for manifold 81366	1
4	58958GT	MOTOR,SWING DRIVE (53147)	1
4-	62081GT	SEAL KIT, 58958 SWING MOTOR	1
4-	75684GT	MOTOR,TURNTABLE ROTATION*** for TT swing drive 89885	
4-	75685GT	SEAL KIT,MOTOR TURNTABLE*** for TT swing drive 89885	
5	7261GT	SCREW,HHC,1/2-13 X 5 BLACK	2
6	6033GT	WASHER,LOCK,0.5"	2
7	13066GT	WASHER,FLAT,.5 HARDENED	6
8	22541GT	SCREW,RHM,10-32 X 1.5	2
9	6607GT	WASHER,LOCK,#10 PLTD	2
10	6178GT	NUT, NYLOCK, 10-32	2
11	34961GT	SWITCH,LIMIT,W/ROLLER ARM	1
11-	19491GT	CONTACTOR,LIMIT SWITCH	1
11-	27643GT	ROLLER ARM-LIMIT SWITCH	1
12	29382GT	CONN. SQZ,1/2NPT .38-.50,90DEG	1
13	6090GT	SCREW, HHC, 1/4-20 X .75	2
14	6356GT	WASHER,LOCK,.25	3
15	6638GT	WASHER, FLAT, USS, 1/4"Y	3
16	30783P-SGT	LIMIT SWITCH BRKT,DRIVE,PAINT	1
17	6096GT	SCREW,HHC,1/2-13 X 2 GR5	2
18	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	4
19	6021GT	WASHER, LOCK, .375	4
20		HYD SWIVEL,7 PORT,S40/60 44367 to SN 1423 (44367 no longer available; for replacement order 1298650, below)	1
20-	44341PGT	BAR,HYD.SWIVEL MOUNT PAINTED to SN 1423	
20-	44611GT	SEAL KIT,SWIVEL (44367) to SN 1423 (for 44367)	1
20B	1298650GT	HYD SWIVEL,7 PORT,S40/60	

507.1 Turntable Rotator and Hydraulic Rotary Coupler Installation



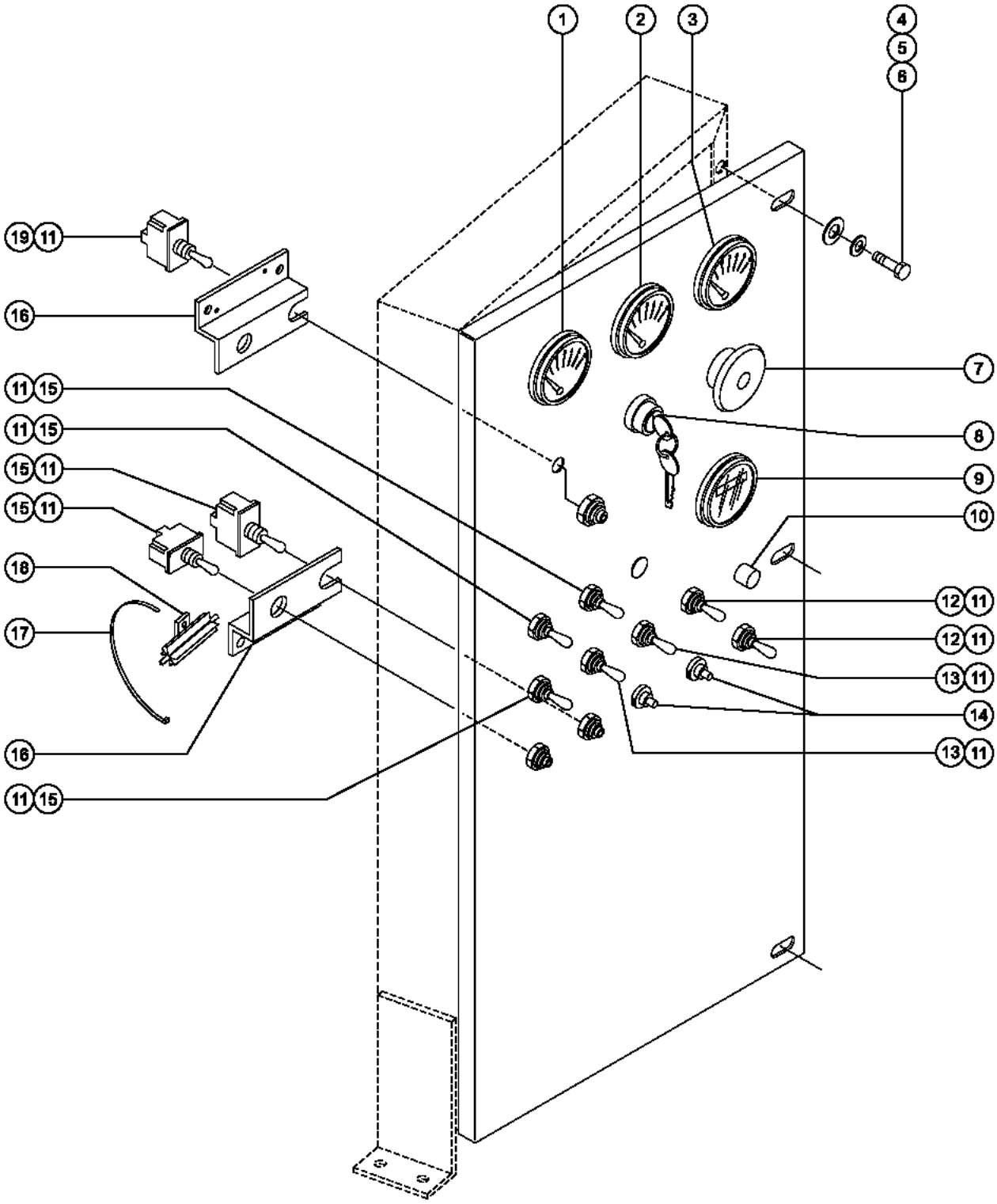
Item	Part No.	Description	Qty.
20B-	1298651GT	SEAL KIT, HYD SWIVEL (1298650) for 1298650	
20B-	48542GT	HYDRAULIC SWIVEL,7 PORT,S40 from 1424 to 5993	1
20B-	T106954GT	SEAL, O-RING LIP from 1424 to 5993	
20B-	T106955GT	SEAL, POLY, CHAMFER from 1424 to 5993	
20B-	T106956GT	SEAL,O-RING,SQUARE from 1424 to 5993	
20B-	T106960GT	SEAL, CAP from 1424 to 5993	
20B-	49529GT	SEAL KIT,SWIVEL (48542) from 1424 to 5993	
20B-	1293482GT	SWIVEL,HYDRAULIC,9PORT,LDI from SN 5994	1
20B-	75466GT	SEAL KIT,SWIVEL (73895) for 73895 swivel	
20B-	1293486GT	SEAL KIT,SWIVEL,HYD (1293482) for 1293482	
21	45495GT	SCREW,SHC,5/8-11 X 3.00,A574	20
22	13064GT	WASHER,FLAT,.625 HARDENED	40
23	7339GT	SCREW,HHC,1/4-20 X .5 to SN 5489	1
23-	6090GT	SCREW, HHC, 1/4-20 X .75 from SN 5490	1
24	73894GT	PLATE,PIN RETAINER from SN 5490 to 6207	1
24-	89064GT	PLATE,PIN RETAINER from SN 6208	1
25	11637GT	PIN ASSY, RETAINER, SS I & II	1
26	32731GT	PIN ASSEMBLY,TURNTBLE ROTATION	1
27	111648GT	BEARING,SERIES 3000	1
28	49457-SGT	WLDMT.HYD.,SWIVEL MNT.,S40	1
29	6198GT	NUT, NYLOCK, 1/2-13	2
30	21175GT	SCREW,SHC,5/8-11 X 4,A574	20
31	28646GT	ZERK,GREASE,1/8 NPT	1
32	49176-2779GT	HOSE ASSEMBLY,1/4"	1
33	48887GT	ELBOW,90D, 070202-4	1
34	6175GT	SCREW,HHC,3/8-16 X 1	1
35	24039GT	WASHER,3/8 PLATE (3/8X2X3/16TK	1
36	75677GT	SHAFT,OUTPUT,PINION,TURNTABLE for TT swing drive 89885	

507.1 Turntable Rotator and Hydraulic Rotary Coupler Installation



Item	Part No.	Description	Qty.
36-	31493GT	PINION GEAR for torque hub 94920	
37	89885GT	SWING DRIVE ASSEMBLY	
37-	94920GT	TORQUE HUB-SWING*** not part to 89885; to SN 6029	1
37-	58916GT	SEAL,SHAFT for torque hub 94920	1
38	19418GT	SCREW,SHC,5/8-11 X 1.75 to SN 5369	4
38-	73860GT	SCREW,SHC,5/8-11X1.75 GR 5 ZIN from SN 5370	4
39	52087GT	O-RING,2-044 BUNA*** for TT swing drive 34425	1
39-	43683GT	O-RING,2-042 N674-70*** for TT swing drive 89885	
40	75686GT	BRAKE ASSEMBLY,TURNTABLE ROT** for TT swing drive 89885	
40-	62466GT	SEAL KIT,BRAKE,TURNTABLE ROT** for brake 75686	
40-	75682GT	DISC KIT DRIVE TURNTABLE Z-60* for brake 75686	
40-	75683GT	SPRING,DRIVE TURNTABLE*** for brake 75686	
40-	73918GT	BRAKE,SWING,2800 IN/LB	
40-	65608GT	BEARING KIT, AUSCO*** for brake 73918	
40-	75658GT	LINING KIT,AUSCO (73918)***	
40-	75659GT	SEAL KIT, AUSCO (73918)	
40-	29291GT	SEAL KIT,MICO for brake Mico 41915	1
40-	58915GT	LINING REPAIR KIT (41915)	1
40-	31500GT	BEARING KIT,MICO for brake Mico 41915	1
40-	31502GT	SPRING KIT,MICO for brake Mico 41915	1
41	22811GT	O-RING,MOTOR TO BRAKE*** for 34425; measures approx 4" x 0.10"	1
42	37929GT	SCREW,SHS,5/16-18 X 3.25 to SN 6029	4
42-	41489GT	SCREW,SHC,5/16-18 X 2,PLATED for TT swing drive 89885	

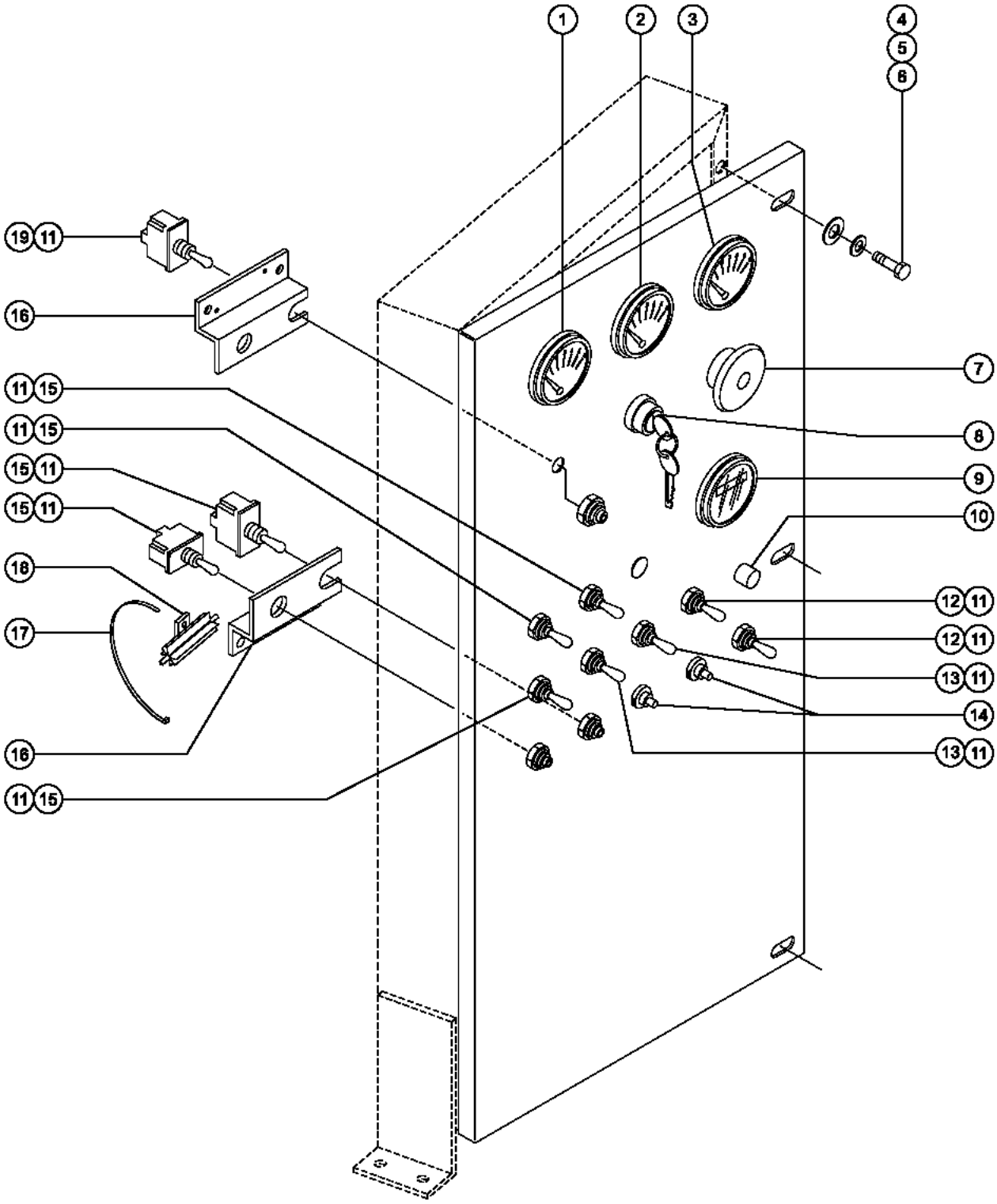
508.1 Ground Controls - View 1



508.1 Ground Controls - View 1

Item	Part No.	Description	Qty.
1	53759-SGT	GAUGE,WATER TEMP includes mounting bracket and fasteners; Gasoline/LPG models	1
1-	53760-SGT	GAUGE,OIL TEMP includes mounting bracket and fasteners; Diesel models	1
2	53758-SGT	GAUGE,OIL PRESSURE W/O SENDER includes mounting bracket and fasteners	1
3	53761-SGT	GAUGE,VOLTAGE includes mounting bracket and fasteners	1
4	6090GT	SCREW, HHC, 1/4-20 X .75	3
5	6356GT	WASHER,LOCK,.25	3
6	6638GT	WASHER, FLAT, USS, 1/4"Y	3
7	122514GT	KIT,ESTOP SVC BB&SM BOOM includes parts 66812, 66818 and 66821	1
7-	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
7-	146478GT	BOOT(BELLOWS),E-STOP,BLACK	
7-	66818GT	CONTACT,NC	1
7-	66821GT	BASE,WITHOUT CONTACTS	1
8	122512GT	KIT,KEYSWITCH SVC BB & SM BOOM includes parts 66811, 66821, 66816 and 122366	1
8-	66811GT	KEYSWITCH,3POS.MNTND.DR WKEY** includes keyswitch and two keys, not included: base or contacts.	1
8-	66821GT	BASE,WITHOUT CONTACTS	1
8-	66816GT	CONTACT,N.O.***	1
8-	122366GT	KEYSWITCH,CONTACTS LOCK	1
9	19506GT	HOUR METER, 10-80 VOLTS*** includes mounting bracket	1
10	824879GT	LIGHT,LED IND. RED 12V NH Gasoline/LPG models	1
10-			1
10-	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	1
11	27246GT	BOOT,TOGGLE SWITCH,SHORT*	9
12	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM includes mounting fasteners	3
12-	54692GT	SPACER,NYLON,.718 X .526 X.219	3
13	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT includes mounting fasteners; Gasoline/LPG Models	2
13-	54692GT	SPACER,NYLON,.718 X .526 X.219	2
13-	229567GT	PLUG,SANTOPRENE .5 BLACK DOME Diesel models	2
14	147094GT	ASSY, CIRCUIT BREAKER 15A includes mounting fasteners	2

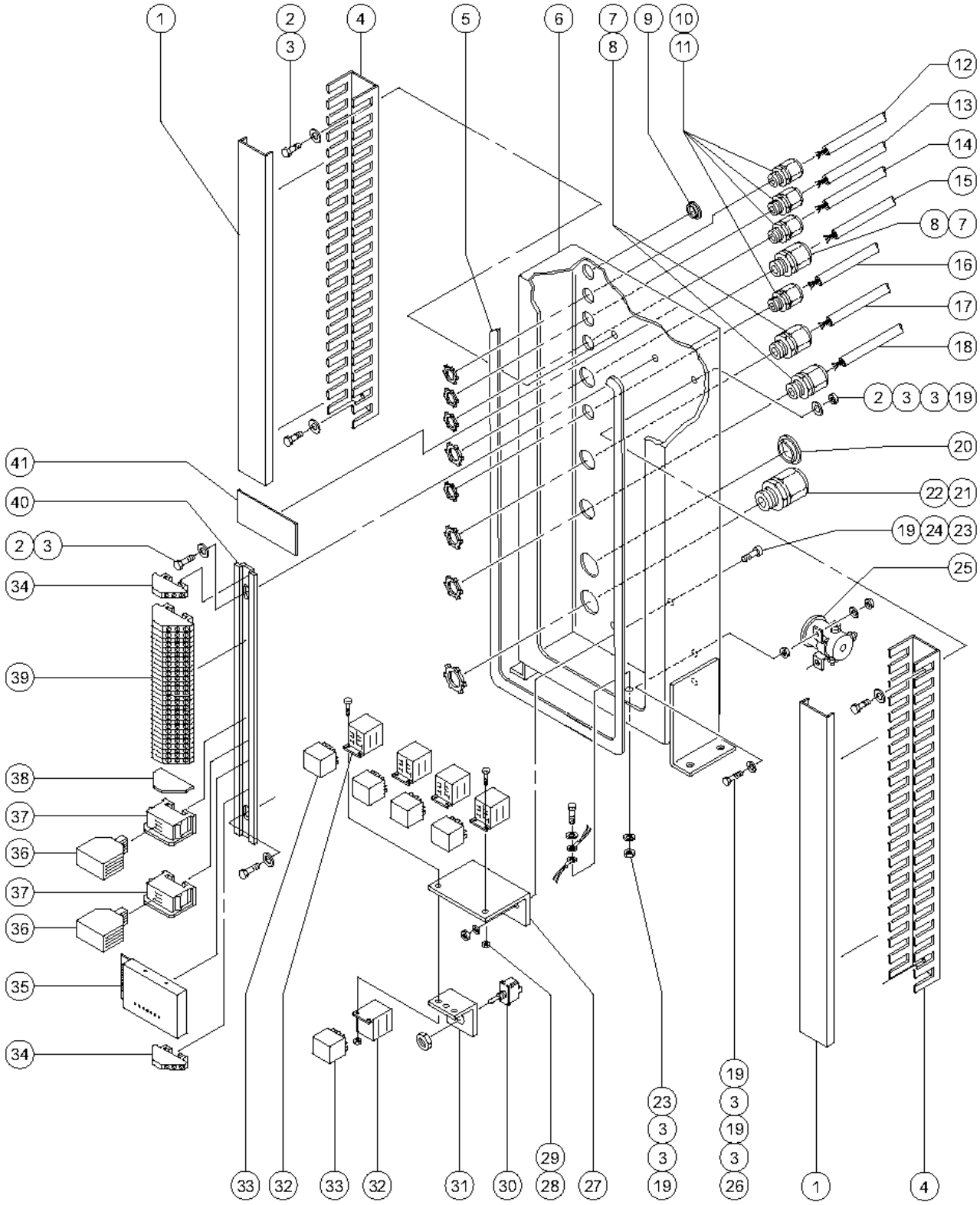
508.1 Ground Controls - View 1



508.1 Ground Controls - View 1

Item	*Part No.*	*Description*	*Qty.*
15	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM includes mounting fasteners	5
15-	54692GT	SPACER,NYLON,.718 X .526 X.219	5
16	53820GT	BRACKET, PANEL WIRE MOUNTING	2
17	21121GT	CABLE TIE, 4" BLK, HEAT RESISTANT	2
18	27287GT	RESISTOR,10 OHM,25 WATT	1
19	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM includes mounting fasteners	1

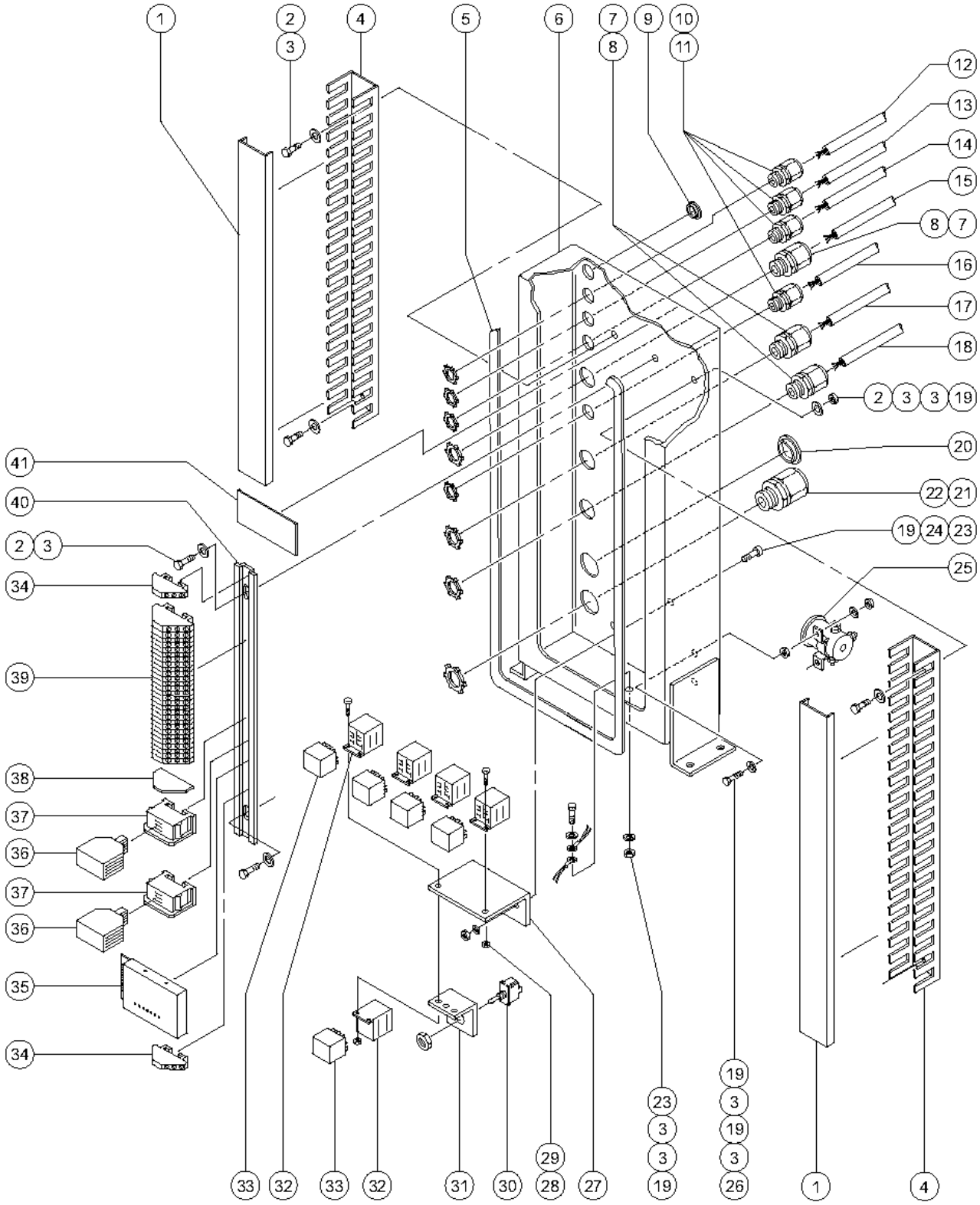
509.1 Ground Controls - View 2



509.1 Ground Controls - View 2

Item	Part No.	Description	Qty.
	88832GT	HARNESS,PLUG,NON-LOAD WEIGHING	
	33996GT	SCREWDRIVER,TERMINAL BLOCK	
1	1262218GT	COVER, DUCT, WIRING replaced 28299	2
2	8914GT	SCREW, HHC, 1/4-20 X .625	7
3	6356GT	WASHER,LOCK,.25	8
4	28298GT	WIRING DUCT, 1.5 X 1.5	2
5	30782GT	GASKET,GROUND CONTROL BOX	1
6	52645GT	GROUND CNTRL BOX W/DECALS S-40 includes index numbers 5, 41 and threaded inserts	1
6-	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD	1
7	12960GT	CABLE SQUEEZE CONN.,XTRA LRG	3
8	14041GT	LOCKNUT,ELECTRIC,3/4"	3
9	15243GT	PLUG,NYLON .875 BLACK DOMED	1
10	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	4
11	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	4
12	1505GT	WIRE CABLE,16/2 SJO,BULK	296 inches
13	43960GT	WIRE CABLE,16/4 CON.TPE JKT	174 inches
14	43960GT	WIRE CABLE,16/4 CON.TPE JKT	116 inches
15	48533GT	WIRE CABLE,18GA/19 CON.BNDREX S-40	696 inches
16	43955GT	WIRE CABLE,12/3 CON.TPE JKT	720 inches
17	48533GT	WIRE CABLE,18GA/19 CON.BNDREX	696 inches
18	35934GT	WIRE CABLE,18/19 CON.TPRJKT	60 inches
19	6091GT	NUT,NYLOCK,1/4-20	5
20	45385GT	PLUG,NYLON 1.12 BLACK DOMED	1
21	20776GT	CABLE SQUEEZE CONN	1

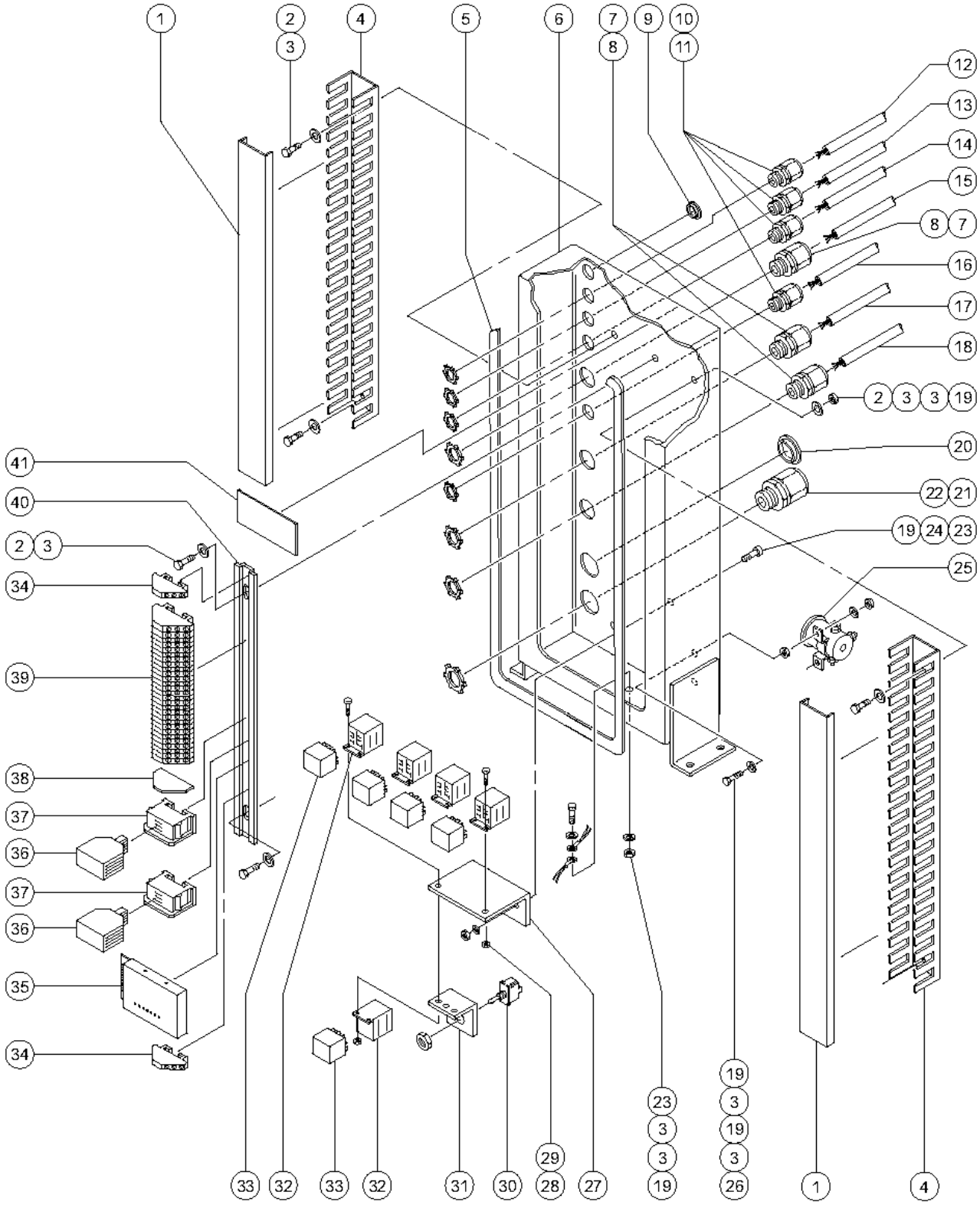
509.1 Ground Controls - View 2



509.1 Ground Controls - View 2

Item	Part No.	Description	Qty.
22	18665GT	LOCKNUT,ELECTRIC,1" NPT	1
23	6888GT	SCREW, HHC, 1/4-20 X 1	5
24	6638GT	WASHER, FLAT, USS, 1/4"Y	5
25	27155GT	SOLENOID,12V CONTINUOUS***	1
26	6090GT	SCREW, HHC, 1/4-20 X .75	3
27	34057GT	ANGLE,RELAY MOUNTING Gasoline/LPG models	1
28	6178GT	NUT, NYLOCK, 10-32	10
29	6606GT	SCREW,RHM,10-32 X .75	10
30	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM includes mounting fasteners; Gasoline/LPG models	1
31	49743GT	BRACKET,TOGGLE SWITCH	1
32	34053GT	ASSY,RELAY SOCKET, AUTO Gasoline/LPG models; terminals not included	4
32-	34053GT	ASSY,RELAY SOCKET, AUTO Diesel models; terminals not included	4
32-	34055GT	TERM RELAY,N-INSULATE 14-16 GA	4
32-	34056GT	TERM,RELAY,N-INSULATE 18-20 GA	4
33	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN**	4
34	25974GT	PLASTIC END STOP	2
35	56057GT	MODULE,IGNITION/START,12/24V to SN 5381	2
35-	56057GT	MODULE,IGNITION/START,12/24V from SN 5382	1
36	25807GT	DIODE BLOCK SUPPRESSION	2
37	25808GT	CARRIER TERMINAL(5 PER BLOCK)	2
38	25837GT	TERMINAL STRIP END PLATE	1
39	32637GT	TERMINAL BLOCK,WAGO	44
39-	32638GT	TERMINAL BLOCK,WAGO	2
40	28310GT	DIN RAIL,23.75"	1
41	30997GT	CORROSION INHIBITOR,FOAM	1

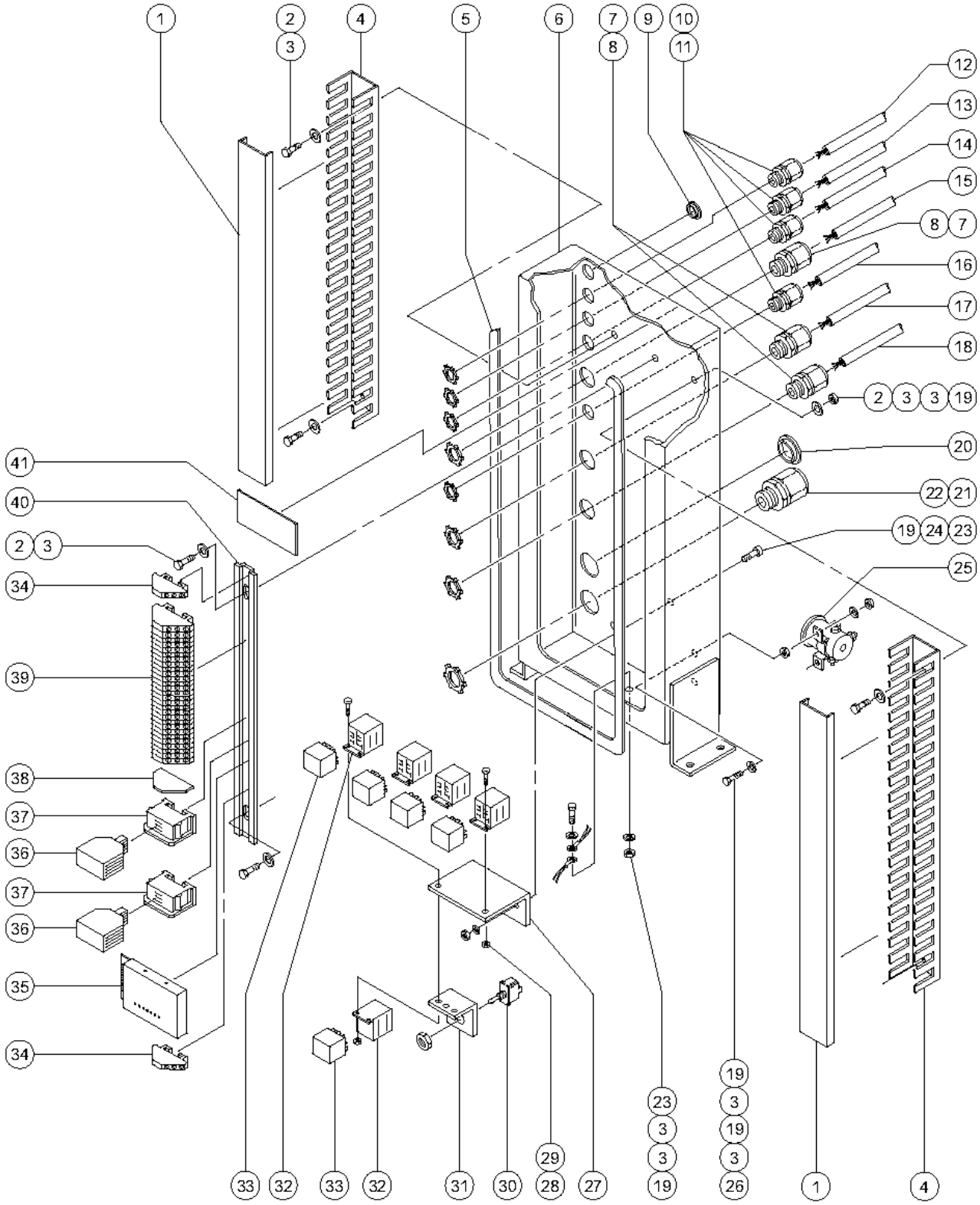
509.2 Ground Controls - View 2



509.2 Ground Controls - View 2

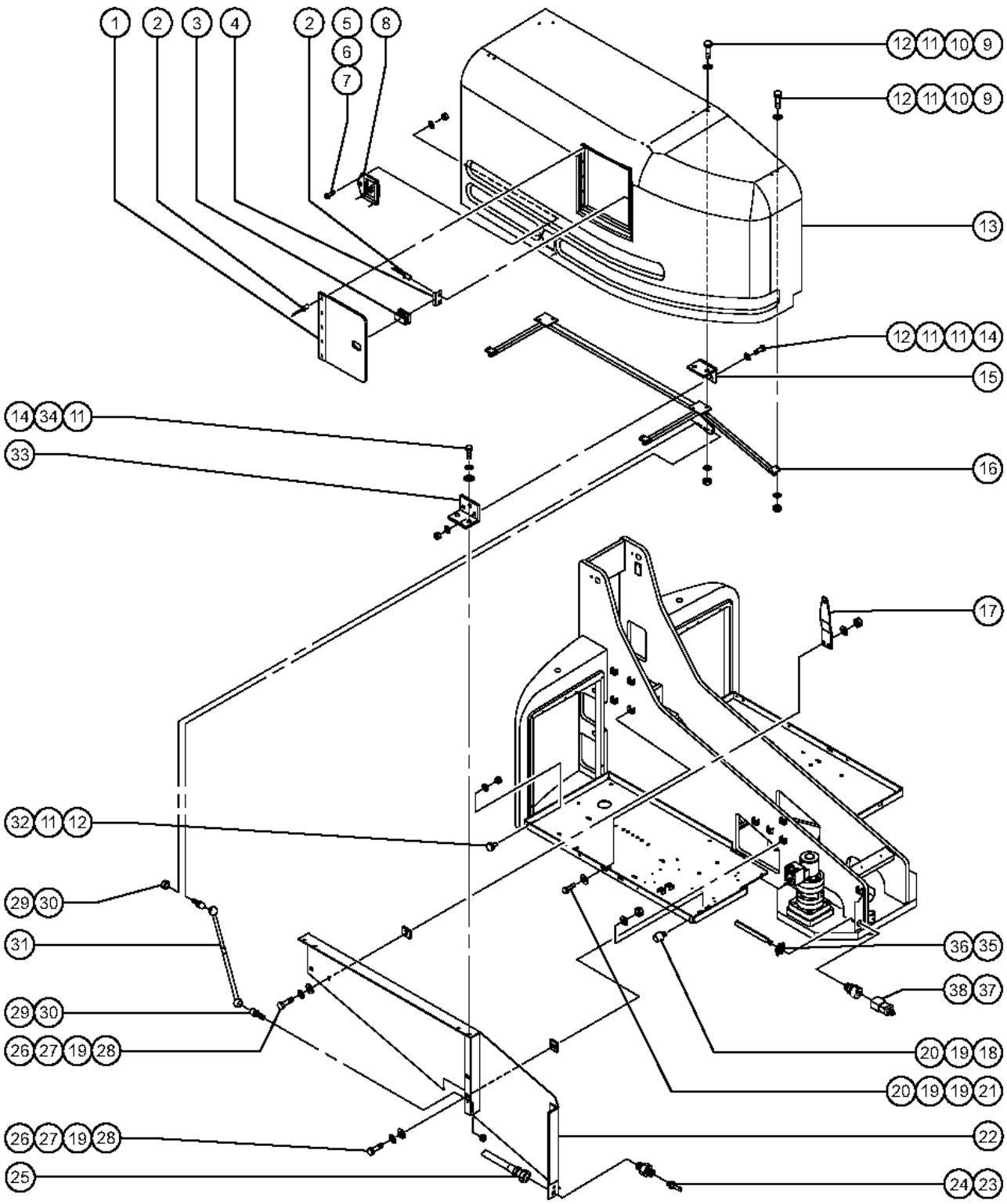
Item	Part No.	Description	Qty.
	88832GT	HARNESS,PLUG,NON-LOAD WEIGHING	
	33996GT	SCREWDRIVER,TERMINAL BLOCK	
1	1262218GT	COVER, DUCT, WIRING replaced 28299	2
2	8914GT	SCREW, HHC, 1/4-20 X .625	7
3	6356GT	WASHER,LOCK,.25	8
4	28298GT	WIRING DUCT, 1.5 X 1.5	2
5	30782GT	GASKET,GROUND CONTROL BOX	1
6	52645GT	GROUND CNTRL BOX W/DECALS S-40 includes index numbers 5, 41 and threaded inserts	1
6-	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD	1
7	12960GT	CABLE SQUEEZE CONN.,XTRA LRG	3
8	14041GT	LOCKNUT,ELECTRIC,3/4"	3
9	15243GT	PLUG,NYLON .875 BLACK DOMED	1
10	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	4
11	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	4
12	1505GT	WIRE CABLE,16/2 SJO,BULK	296 inches
13	43960GT	WIRE CABLE,16/4 CON.TPE JKT	174 inches
14	43960GT	WIRE CABLE,16/4 CON.TPE JKT	116 inches
15	48533GT	WIRE CABLE,18GA/19 CON.BNDREX S-45	816 inches in inches
16	43955GT	WIRE CABLE,12/3 CON.TPE JKT	840 inches
17	48533GT	WIRE CABLE,18GA/19 CON.BNDREX	816 inches
18	35934GT	WIRE CABLE,18/19 CON.TPRJKT	60 inches
19	6091GT	NUT,NYLOCK,1/4-20	5

509.2 Ground Controls - View 2



Item	Part No.	Description	Qty.
20	45385GT	PLUG,NYLON 1.12 BLACK DOMED	1
21	20776GT	CABLE SQUEEZE CONN	1
22	18665GT	LOCKNUT,ELECTRIC,1" NPT	1
23	6888GT	SCREW, HHC, 1/4-20 X 1	5
24	6638GT	WASHER, FLAT, USS, 1/4"Y	5
25	27155GT	SOLENOID,12V CONTINUOUS***	1
26	6090GT	SCREW, HHC, 1/4-20 X .75	3
27	34057GT	ANGLE,RELAY MOUNTING Gasoline/LPG models	1
28	6178GT	NUT, NYLOCK, 10-32	10
29	6606GT	SCREW,RHM,10-32 X .75	10
30	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM includes mounting fasteners; Gasoline/LPG models	1
31	49743GT	BRACKET,TOGGLE SWITCH	1
32	34053GT	ASSY,RELAY SOCKET, AUTO Gasoline/LPG models; terminals not included	4
32-	34053GT	ASSY,RELAY SOCKET, AUTO Diesel models; terminals not included	4
32-	34055GT	TERM RELAY,N-INSULATE 14-16 GA	4
32-	34056GT	TERM,RELAY,N-INSULATE 18-20 GA	4
33	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN**	4
34	25974GT	PLASTIC END STOP	2
35	56057GT	MODULE,IGNITION/START,12/24V to SN 5381	2
35-	56057GT	MODULE,IGNITION/START,12/24V from SN 5382	1
36	25807GT	DIODE BLOCK SUPPRESSION	2
37	25808GT	CARRIER TERMINAL(5 PER BLOCK)	2
38	25837GT	TERMINAL STRIP END PLATE	1
39	32637GT	TERMINAL BLOCK,WAGO	44
39-	32638GT	TERMINAL BLOCK,WAGO	2
40	28310GT	DIN RAIL,23.75"	1
41	30997GT	CORROSION INHIBITOR,FOAM	1

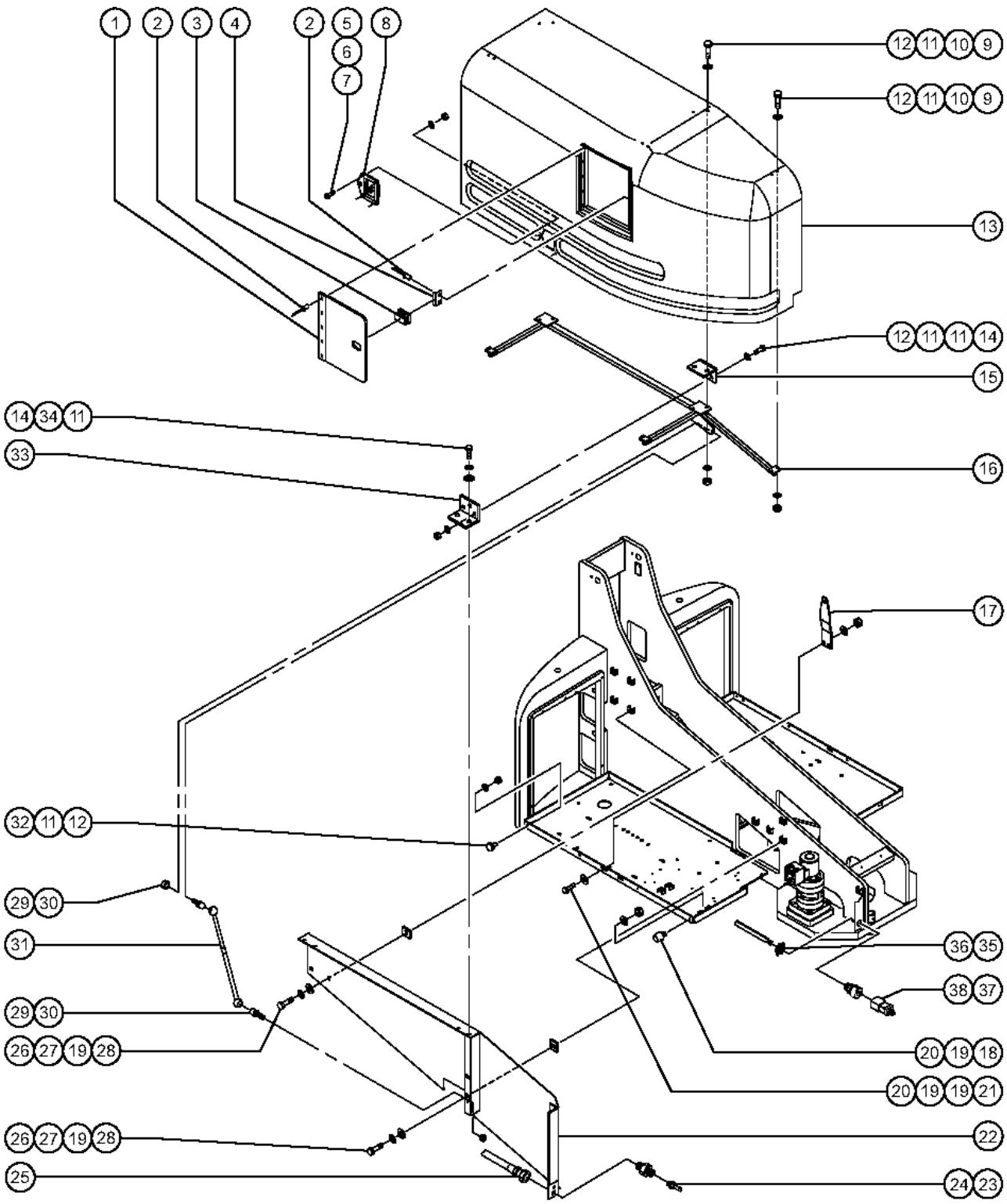
510.1 Turntable Covers, View 1



510.1 Turntable Covers, View 1

Item	Part No.	Description	Qty.
1	52651GT	COVER-HINGED, GRND CNTRL includes index numbers 2 and 3	1
2	7265GT	RIVET,STEEL,P, .25 X .375	7
3	30468GT	LATCH,SLIDE, FLUSH MOUNT STYLE	1
4	49534GT	DOOR LATCH,BASE CONTROL BOX	1
5	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	4
6	6146GT	WASHER,FLAT,MS,#10,Y	4
7	6178GT	NUT, NYLOCK, 10-32	4
8	28125GT	LATCH,FLUSH CUP*** to SN 830; folding T-handle	1
8B	49536GT	LATCH,TURNTABLE FLUSH STYLE from SN 831 to 4024; black plastic oval-shaped	1
8C	53903GT	LATCH,T-HANDLE,5 SIDED W/KEYS* from SN 4025; T-style	1
8-	29314GT	KEY,LATCH, 1 PAIR (28125)	1
9	8915GT	SCREW, HHC, 1/4-20 X 1.25	16
10	12906GT	WASHER,FENDER,.25 X 1.25 X.062	10
11	6638GT	WASHER, FLAT, USS, 1/4"Y	28
12	6091GT	NUT,NYLOCK,1/4-20	16
13	65477GT	COVER ASSY W/DECALS,L.H. BB includes index numbers 1 through 8	1
13-	52440GT	COVER ASSY W/DECALS,LH B/B SQ includes index numbers 1 through 8	1
14	6888GT	SCREW, HHC, 1/4-20 X 1	6
15	75073GT	HINGE,.375X.120THK.,SLOTTED	2
16	49532-SGT	COVER,SUPPORT WELDMENT,LH	1
17	49535P-SGT	PLATE,LATCH,BLUE,PAINTED	1
18	30973GT	BUMPER,RUBBER-1 X 1.25	2
19	5397GT	WASHER, FLAT, USS, 5/16-18	6
20	6782GT	NUT, NYLOCK, 5/16-18	4
21	13002GT	SCREW,HHC,5/16-18 X 1 GR5	2
22	30743-SGT	COVER SUPPORT WELDMENT LH.	1
23	28646GT	ZERK,GREASE,1/8 NPT	1
24	30430GT	BULKHEAD,FEMALE X 4	1

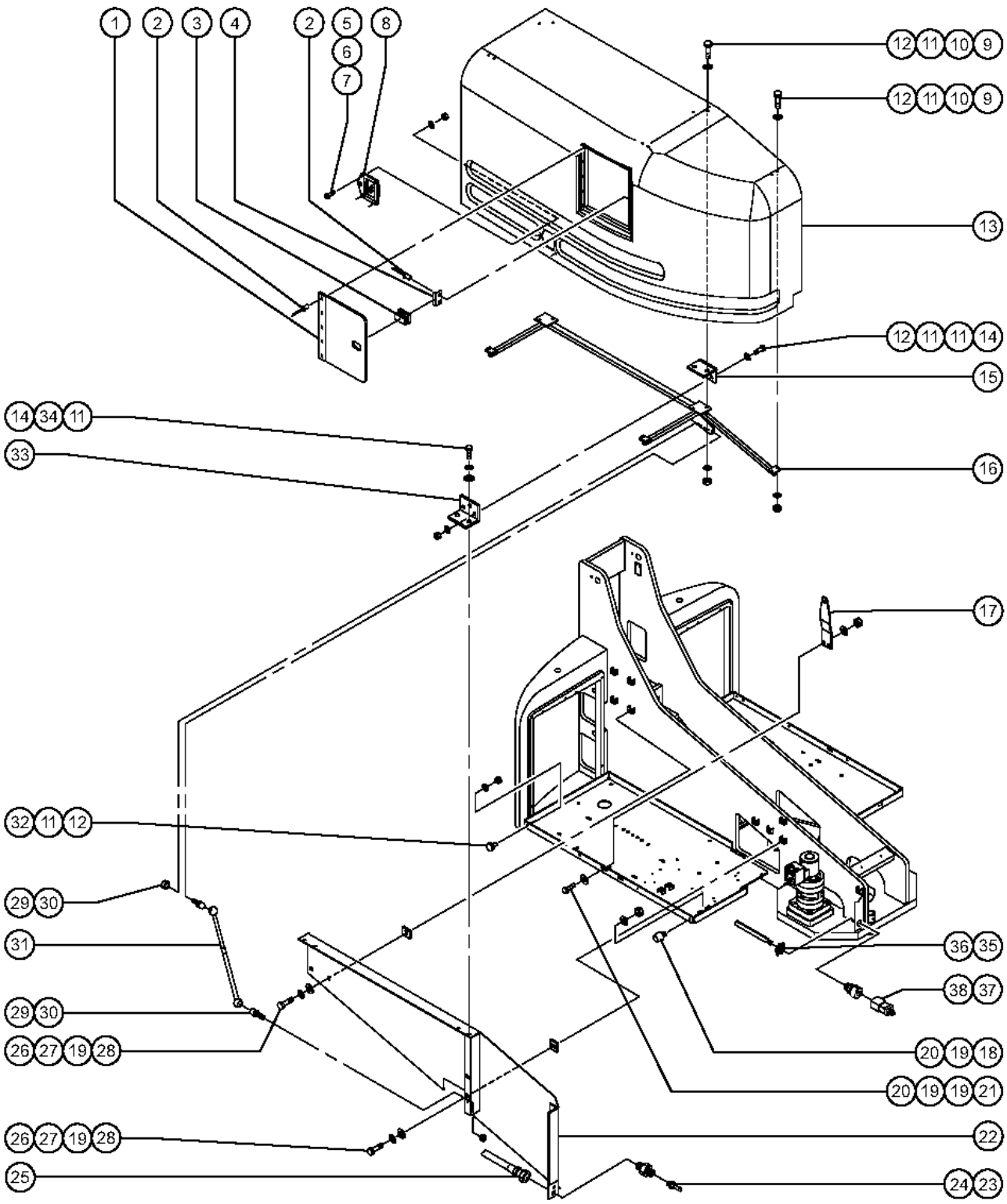
510.1 Turntable Covers, View 1



510.1 Turntable Covers, View 1

Item	Part No.	Description	Qty.
25	49176-2779GT	HOSE ASSEMBLY,1/4"	1
26	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	10
27	6021GT	WASHER, LOCK, .375	15
28	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	6
29	33555GT	BALL STUD**	2
30	6002GT	NUT, LP NYLOCK, 5/16-18	2
31	28301GT	GAS STRUT,250 LBS FORCE***	1
31-	27377GT	RETAINER,GAS SPRING***	1
31-	72256GT	GAS STRUT,CONNECTOR (28301)	
32	36388GT	BUMPER,RUBBER,.75 X .50H,STUD	1
33	35949P-SGT	BRACKET,COVER HINGE,BLUE	2
34	6356GT	WASHER,LOCK,.25	4
35	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	1
36	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT*	
37	6595GT	PLUG,ELECTRICAL,DOMESTIC	1
37-	119404GT	CONN,RECEP 120AC/15A DOMESTIC	1
37-	144161GT	PLUG,PWR,UK,16AMP,3PIN,BLK	1
37-	1280665GT	PLUG, TYPE F, 230A, 50HZ, 16A, IP44	1
37-	25388GT	PLUG,FUSED,250V,13AMP,U.K.**	1
37-		FUSE,13 AMP,220V PLUG (component no longer available) refer to BS1362 BUSS TDC180-13A	1
38	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	1

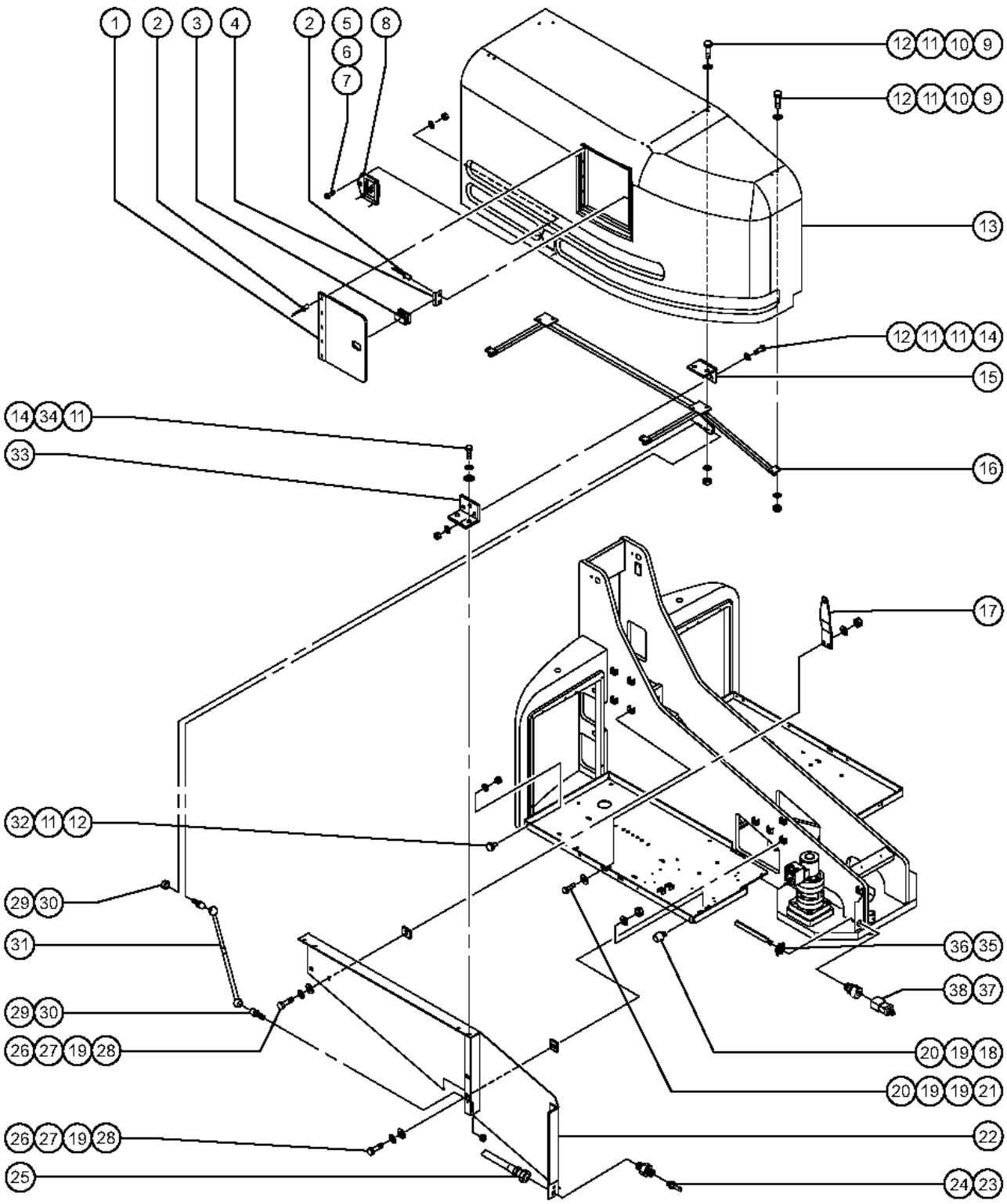
510.2 Turntable Covers, View 1



510.2 Turntable Covers, View 1

Item	Part No.	Description	Qty.
1	52651GT	COVER-HINGED, GRND CNTRL includes index numbers 2 and 3	1
2	7265GT	RIVET,STEEL,P, .25 X .375	7
3	30468GT	LATCH,SLIDE, FLUSH MOUNT STYLE	1
4	49534GT	DOOR LATCH,BASE CONTROL BOX	1
5	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	4
6	6146GT	WASHER,FLAT,MS,#10,Y	4
7	6178GT	NUT, NYLOCK, 10-32	4
8	28125GT	LATCH,FLUSH CUP*** to SN 830; folding T-handle	1
8B	49536GT	LATCH,TURNTABLE FLUSH STYLE from SN 831 to 4024; black plastic oval-shaped	1
8C	53903GT	LATCH,T-HANDLE,5 SIDED W/KEYS* from SN 4025; T-style	1
8-	29314GT	KEY,LATCH, 1 PAIR (28125)	1
9	8915GT	SCREW, HHC, 1/4-20 X 1.25	16
10	12906GT	WASHER,FENDER,.25 X 1.25 X.062	10
11	6638GT	WASHER, FLAT, USS, 1/4"Y	28
12	6091GT	NUT,NYLOCK,1/4-20	16
13	65477GT	COVER ASSY W/DECALS,L.H. BB includes index numbers 1 through 8	1
13-	52440GT	COVER ASSY W/DECALS,LH B/B SQ includes index numbers 1 through 8	1
14	6888GT	SCREW, HHC, 1/4-20 X 1	6
15	75073GT	HINGE,.375X.120THK.,SLOTTED	2
16	49532-SGT	COVER,SUPPORT WELDMENT,LH	1
17	49535P-SGT	PLATE,LATCH,BLUE,PAINTED	1
18	30973GT	BUMPER,RUBBER-1 X 1.25	2
19	5397GT	WASHER, FLAT, USS, 5/16-18	6
20	6782GT	NUT, NYLOCK, 5/16-18	4
21	13002GT	SCREW,HHC,5/16-18 X 1 GR5	2
22	30743-SGT	COVER SUPPORT WELDMENT LH.	1
23	28646GT	ZERK,GREASE,1/8 NPT	1
24	30430GT	BULKHEAD,FEMALE X 4	1

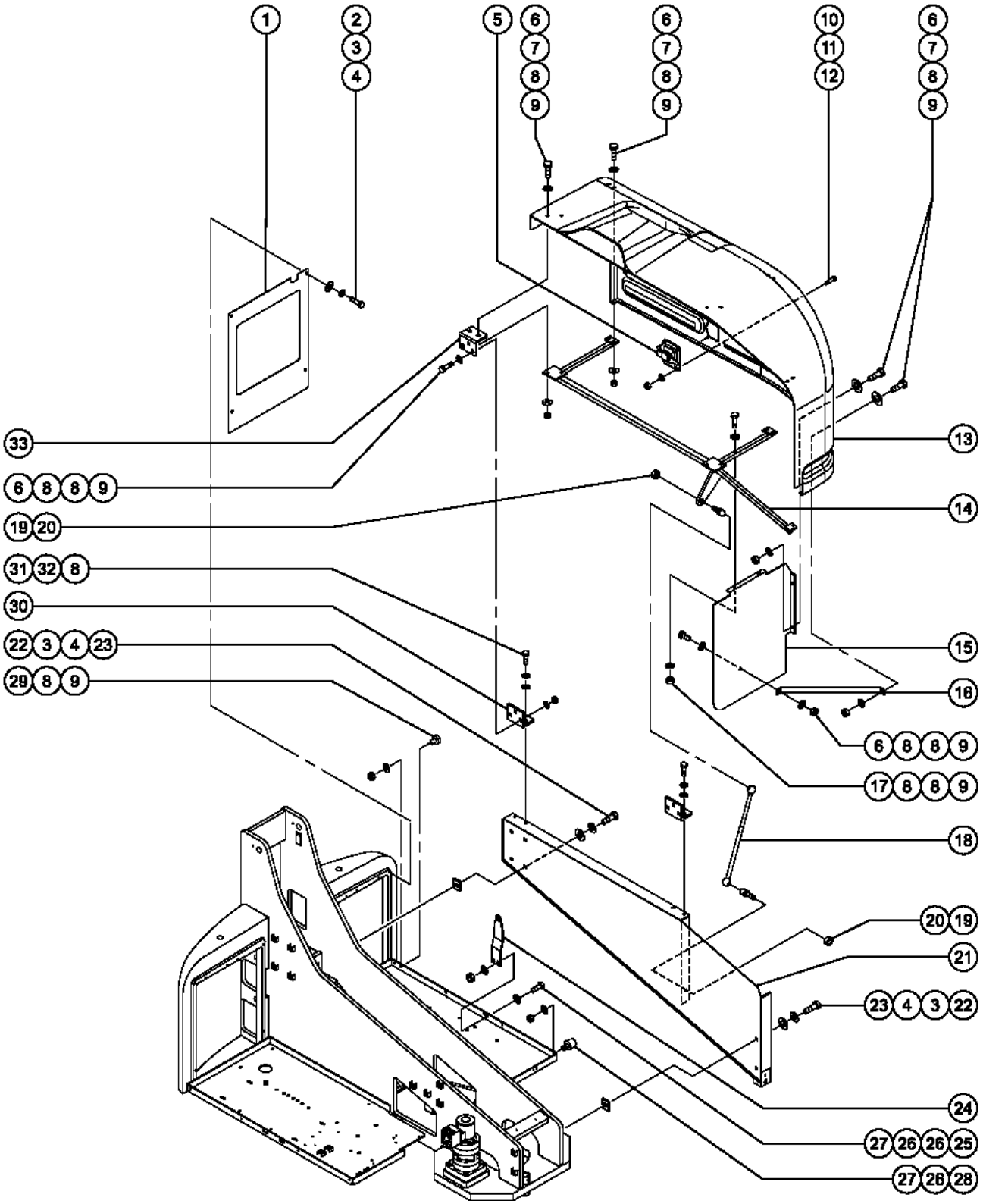
510.2 Turntable Covers, View 1



510.2 Turntable Covers, View 1

Item	Part No.	Description	Qty.
25	49176-2779GT	HOSE ASSEMBLY,1/4"	1
26	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	10
27	6021GT	WASHER, LOCK, .375	15
28	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	6
29	33555GT	BALL STUD**	2
30	6002GT	NUT, LP NYLOCK, 5/16-18	2
31	28301GT	GAS STRUT,250 LBS FORCE***	1
31	27377GT	RETAINER,GAS SPRING***	1
32	36388GT	BUMPER,RUBBER,.75 X .50H,STUD	1
33	35949P-SGT	BRACKET,COVER HINGE,BLUE	2
34	6356GT	WASHER,LOCK,.25	4
35	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	1
36	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT*	
37	6595GT	PLUG,ELECTRICAL,DOMESTIC	1
37-	119404GT	CONN,RECEP 120AC/15A DOMESTIC	1
37-	144161GT	PLUG,PWR,UK,16AMP,3PIN,BLK	1
37-	1280665GT	PLUG, TYPE F, 230A, 50HZ, 16A, IP44	1
37-	25388GT	PLUG,FUSED,250V,13AMP,U.K.**	1
37-		FUSE,13 AMP,220V PLUG (component no longer available) refer to BS1362 BUSS TDC180-13A	1
38	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	1

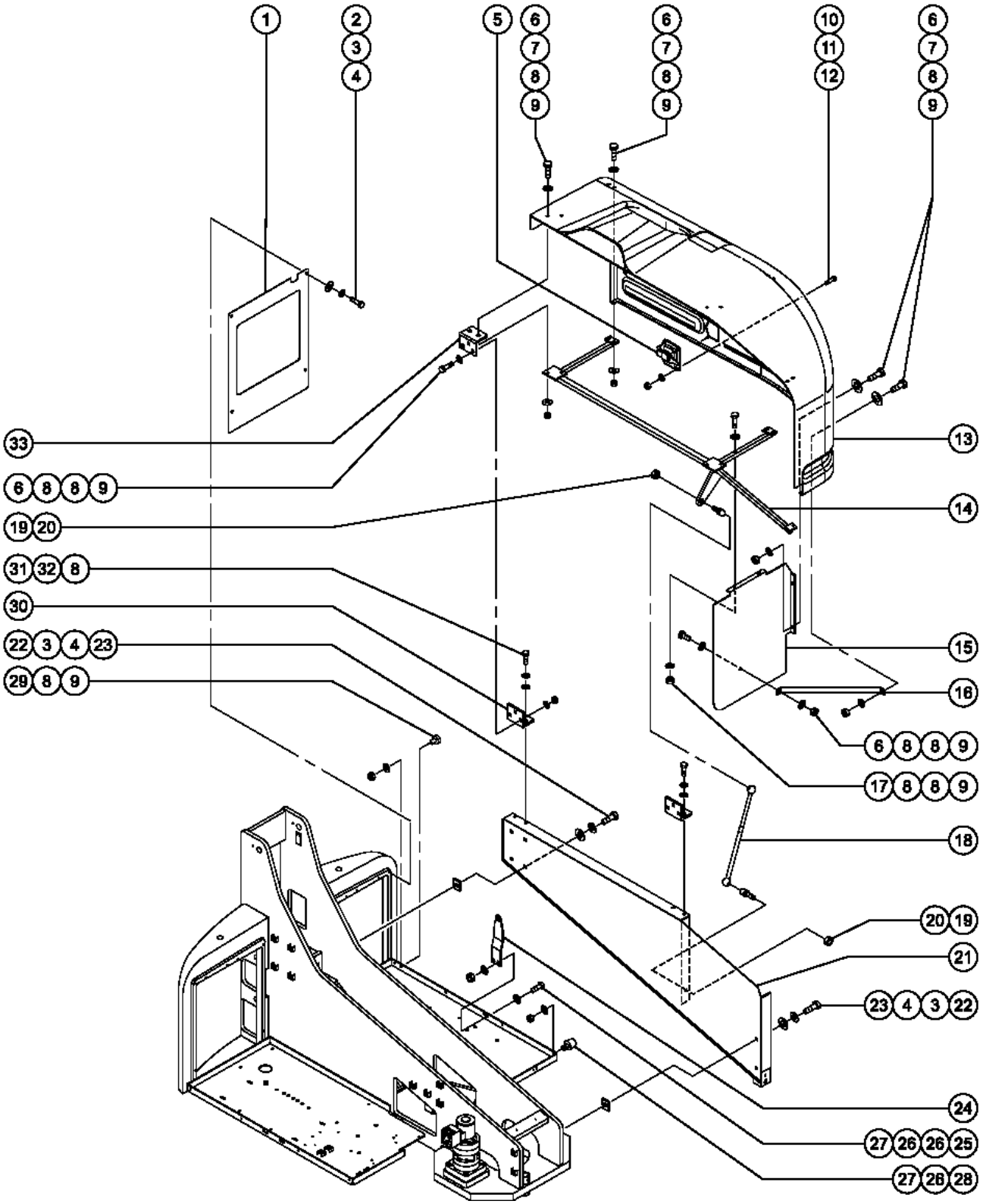
511.1 Turntable Covers, View 2



511.1 Turntable Covers, View 2

Item	Part No.	Description	Qty.
1	53078P-SGT	BAFFLE,AIR,FORD,PAINTED Gasoline/LPG models	1
1-	53079P-SGT	BAFFLE,AIR,DEUTZ,PAINTED GRAY Diesel models	1
2	8255GT	SCREW,HHC,3/8-16 X .75	5
3	6021GT	WASHER, LOCK, .375	14
4	6097GT	WASHER, FLAT, USS, 3/8", Y	11
5A	28125GT	LATCH,FLUSH CUP*** to SN 830; folding T-handle	1
5B	49536GT	LATCH,TURNTABLE FLUSH STYLE from SN 831 to 4024; black plastic oval-shaped	1
5C	53903GT	LATCH,T-HANDLE,5 SIDED W/KEYS* from SN 4025; T-style	1
5-	29314GT	KEY,LATCH, 1 PAIR (28125)	1
6	8915GT	SCREW, HHC, 1/4-20 X 1.25	20
7	12906GT	WASHER,FENDER,.25 X 1.25 X.062	13
8	6638GT	WASHER, FLAT, USS, 1/4"Y	35
9	6091GT	NUT,NYLOCK,1/4-20	22
10	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	4
11	6146GT	WASHER,FLAT,MS,#10,Y	4
12	6178GT	NUT, NYLOCK, 10-32	4
13	65478GT	COVER ASSY W/DECAL,WRD,RH BB Gasoline/LPG models; includes index numbers 5, 10, 11 and 12	1
13-	65478GT	COVER ASSY W/DECAL,WRD,RH BB Diesel models; includes index numbers 5, 10, 11 and 12	1
13-	52441GT	COVER ASSY W/DECAL,GAS,RH Gasoline/LPG models; includes index numbers 5, 10, 11 and 12; to SN 4025	1
13-	52443GT	COVER ASSY W/DECAL,DIE.RH BIGB Diesel models; includes index numbers 5, 10, 11 and 12; to SN 4025	1
14	53882GT	WELDMENT,TT COVER SUPPORT,RH	1
15	49537P-SGT	SHROUD,LP TANK,PAINTED Gasoline/LPG models	1
16	30894P-SGT	SHROUD SUPPORT,PAINTED GRAY Gasoline/LPG models	1
17	6637GT	SCREW,HHC,1/4-20 X 1.75	2
18	28301GT	GAS STRUT,250 LBS FORCE***	1
18-	27377GT	RETAINER,GAS SPRING***	1
19	6002GT	NUT, LP NYLOCK, 5/16-18	2
20	33555GT	BALL STUD**	2

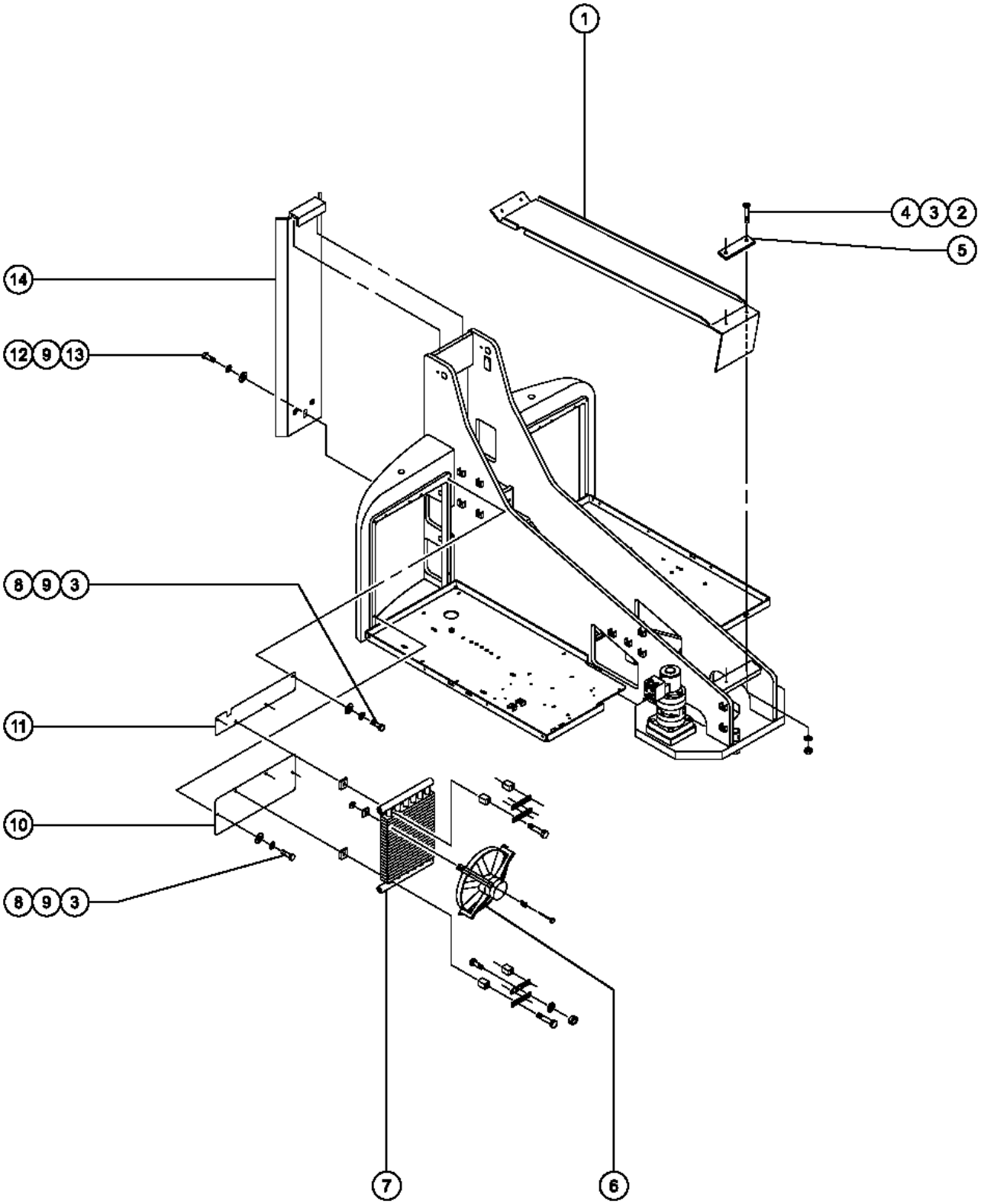
511.1 Turntable Covers, View 2



511.1 Turntable Covers, View 2

Item	Part No.	Description	Qty.
21	30744-SGT	COVER SUPPORT WELDMENT RH.	1
22	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	6
23	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	6
24	49535P-SGT	PLATE,LATCH,BLUE,PAINTED	1
25	13002GT	SCREW,HHC,5/16-18 X 1 GR5	2
26	5397GT	WASHER, FLAT, USS, 5/16-18	7
27	6782GT	NUT, NYLOCK, 5/16-18	5
28	30973GT	BUMPER,RUBBER-1 X 1.25	3
29	36388GT	BUMPER,RUBBER,.75 X .50H,STUD	1
30	35949P-SGT	BRACKET,COVER HINGE,BLUE	2
31	6888GT	SCREW, HHC, 1/4-20 X 1	4
32	6356GT	WASHER,LOCK,.25	4
33	75073GT	HINGE,.375X.120THK.,SLOTTED	2

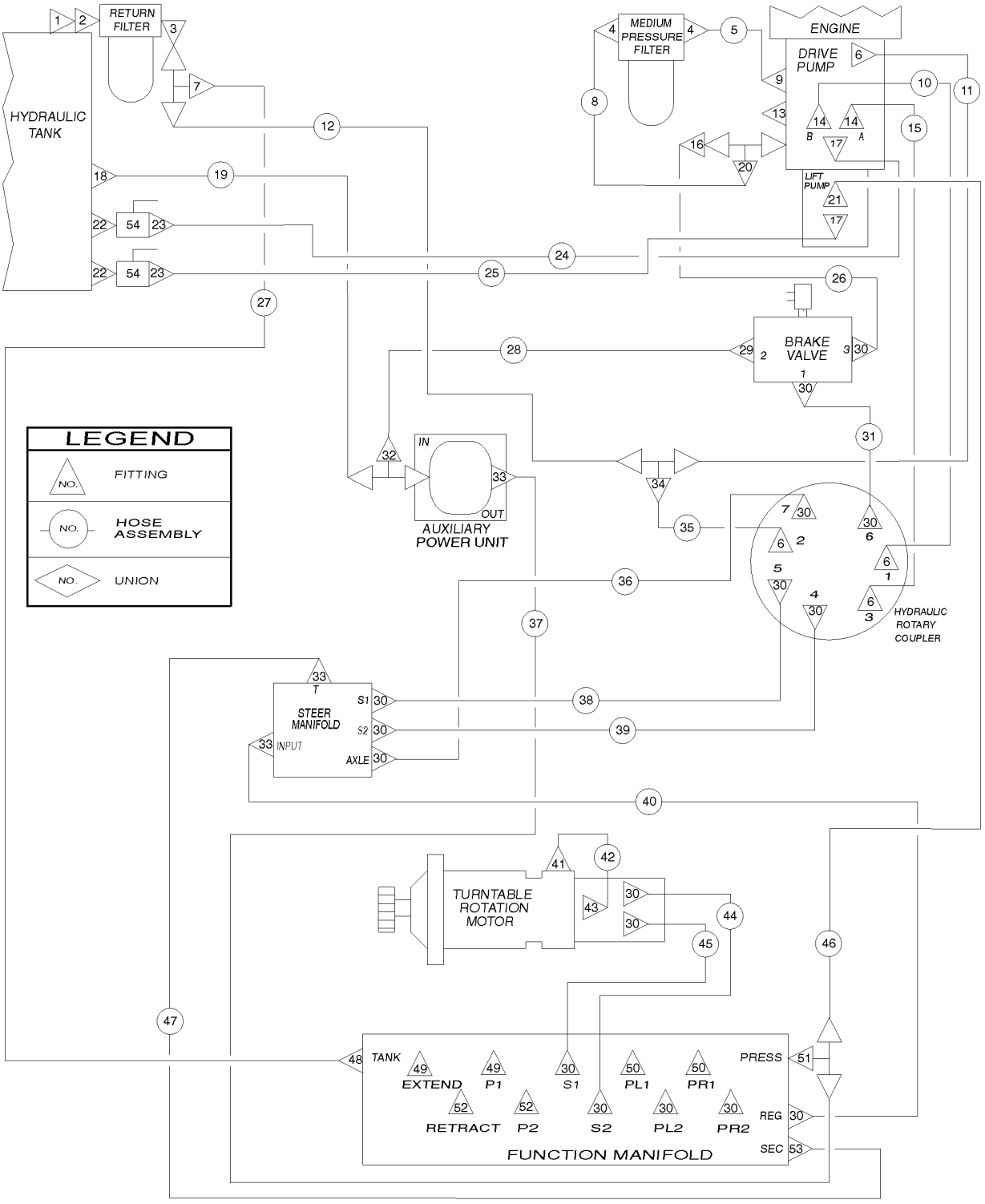
512.1 Turntable Covers, View 3



512.1 Turntable Covers, View 3

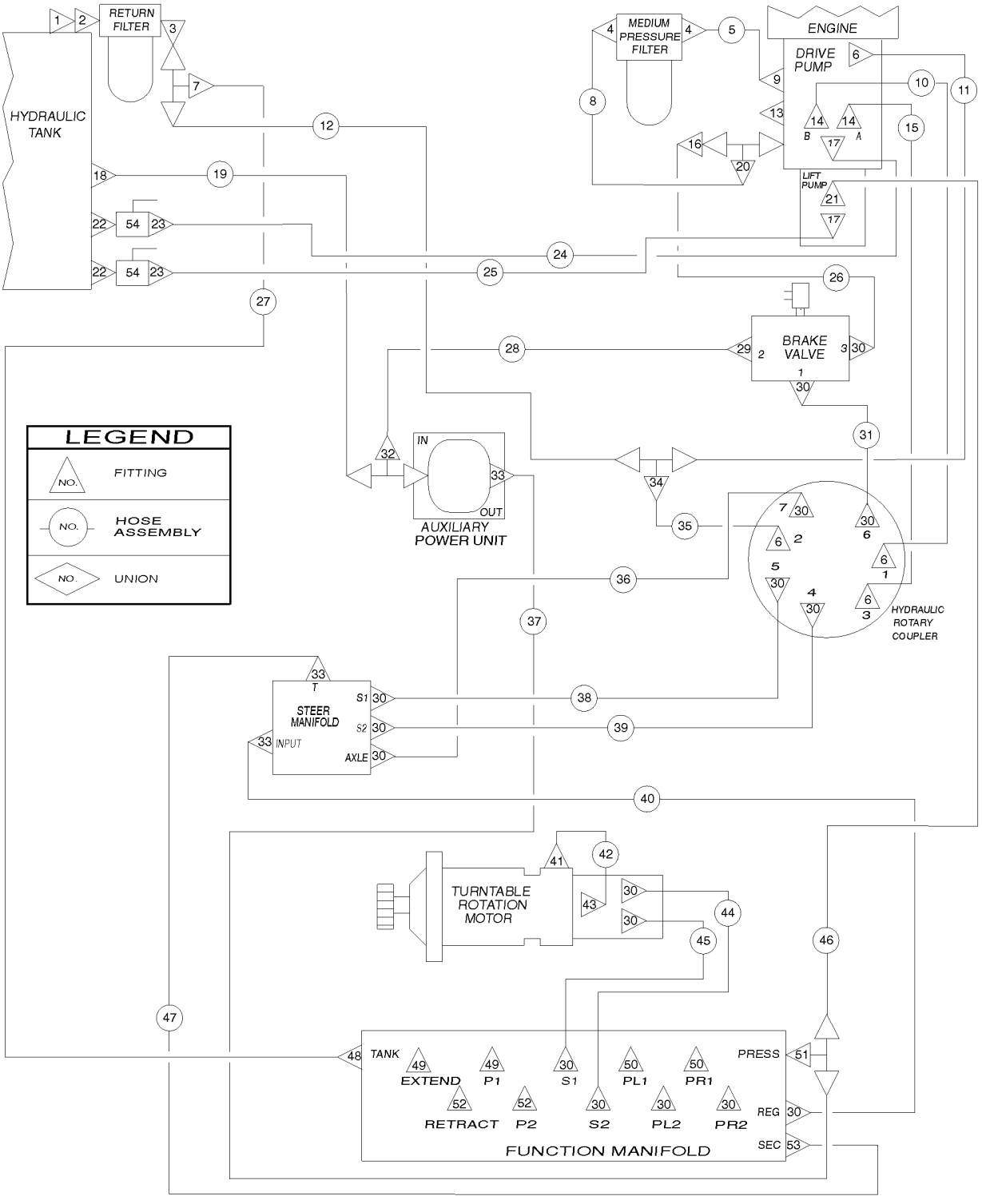
Item	Part No.	Description	Qty.
-	46769GT	CTWT,CAST,400 LBS,LH	1
-	46768GT	CTWT,CAST,400 LBS,RH	1
	53127-SGT	OIL COOLER KIT,S40 includes index numbers 6 through 11	
	46990GT	OIL COOLER(SYNFLEX)S40,60,80 includes index numbers 6 through 11	
1	34358PGT	PLATE, SWING COVER, S40/S45 **	1
2	17712GT	SCREW,FHS,3/8-16 X 1.75	2
3	5397GT	WASHER, FLAT, USS, 5/16-18	2
4	4828GT	NUT, NYLOCK, 3/8-16	2
5	34370GT	REST PAD,S40,BOOM REST	1
6	63118GT	FAN,OIL COOLER***	1
7	22349GT	COOLER-HYDRAULIC OIL includes hardware	1
8	8255GT	SCREW,HHC,3/8-16 X .75	5
9	6021GT	WASHER, LOCK, .375	5
10	53113P-SGT	COVER PLATE,COUNTERWGHT,PTD models with Oil Cooler Option	1
11	30960P-SGT	COVER PLT,COUNTERWGHT,PNTD models with Oil Cooler Option	1
12	6175GT	SCREW,HHC,3/8-16 X 1	1
13	6097GT	WASHER, FLAT, USS, 3/8", Y	1
14	52650-SGT	COVER-FRONT TRNTBLE W/DE S40**	1
14-	102677GT	COVER-FRONT TRNTBLE W/DECA S45	

513.1 Hydraulic Hoses and Fittings



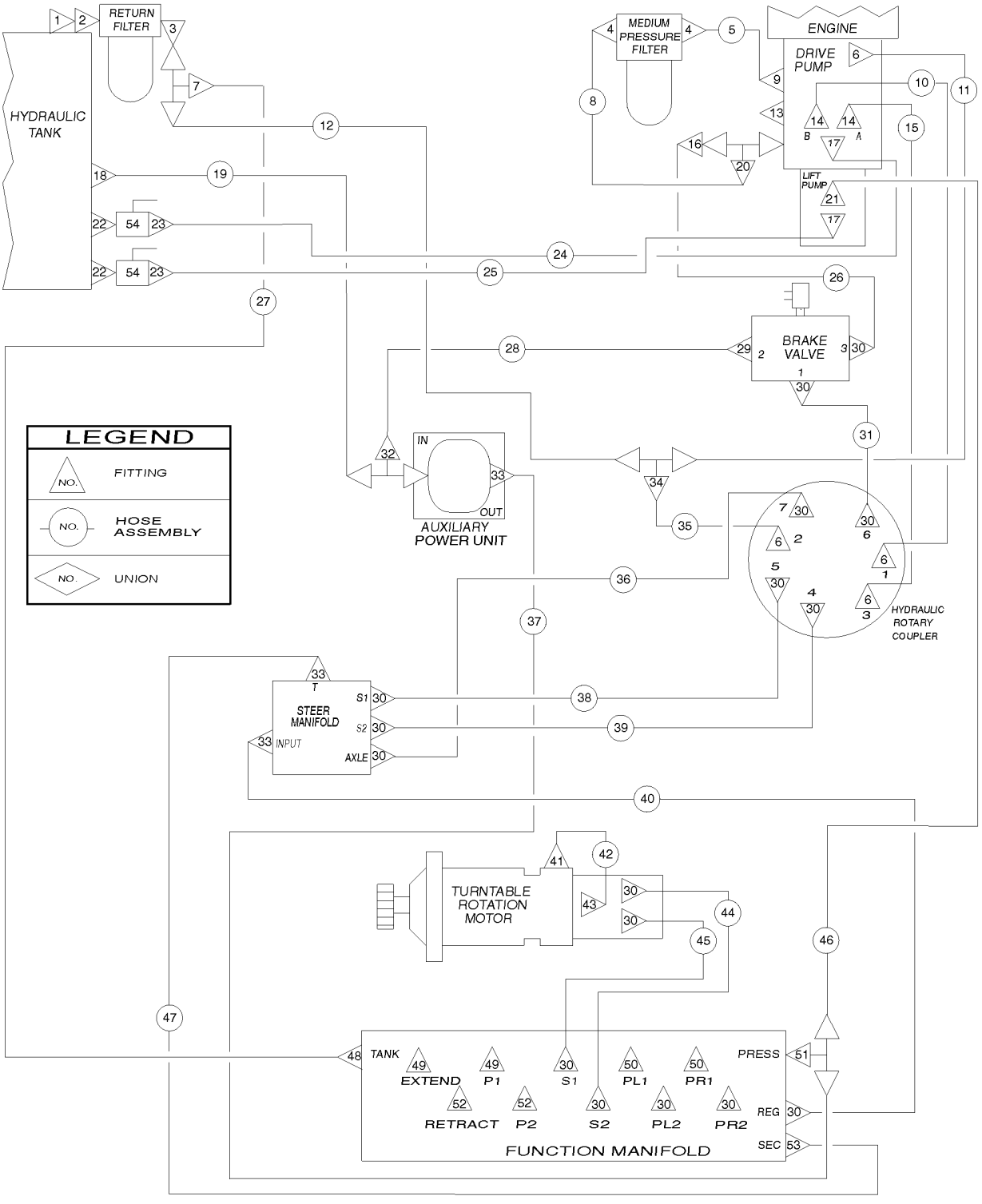
Item	Part No.	Description	Qty.
	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	49512GT	ELBOW,90DEG,FEM,1"NPT	1
2	49513GT	ADAPTER,PIPE NIPPLE	1
3	49515GT	ELBOW,90D,520202-12-16	1
4	48947GT	ELBOW,90D,520220-8-12	2
5	49139-2968GT	HOSE ASSEMBLY,1/2"	1
6	48960GT	FITTING,CONN,520120-12***	4
7	48964GT	TEE,RUN,SWIVEL,520432-12	1
8	49138-3266GT	HOSE ASSEMBLY,1/2"	1
9	48946GT	CONN,520120-8-10	1
10	94374-5230GT	HOSE ASSY,3/4,90 FEM,STR FEM** Gasoline models	1
10-	94374-5530GT	HOSE ASSY,3/4,90 FEM,STR FEM** Diesel models	1
11	49150-3730GT	HOSE ASSY,3/4,90 FEM,STR FEM	1
12	49151-4648GT	HOSE ASSY,3/4,STR FEM,STR FEM	1
13	48998GT	NIPPLE,DIAGNOSTIC,#6 PORT***	1
14	48977GT	CONN,520120-12-16	2
15	94374-5530GT	HOSE ASSY,3/4,90 FEM,STR FEM** Gasoline models	1
15-	94374-5930GT	HOSE ASSY,3/4,90 FEM,STR FEM** Diesel models	1
16	48957GT	REDUCER,520123-10-6	1
17	48984GT	CONN, 520120-16	2
18	48922GT	CONN,520102-6-6	1
19	49135-2089GT	HOSE ASSEMBLY,3/8"	1
20	48953GT	TEE,RUN,520428-10	1
21	48946GT	CONN,520120-8-10	1
22	48988GT	ELBOW,45D,140339-16	2

513.1 Hydraulic Hoses and Fittings



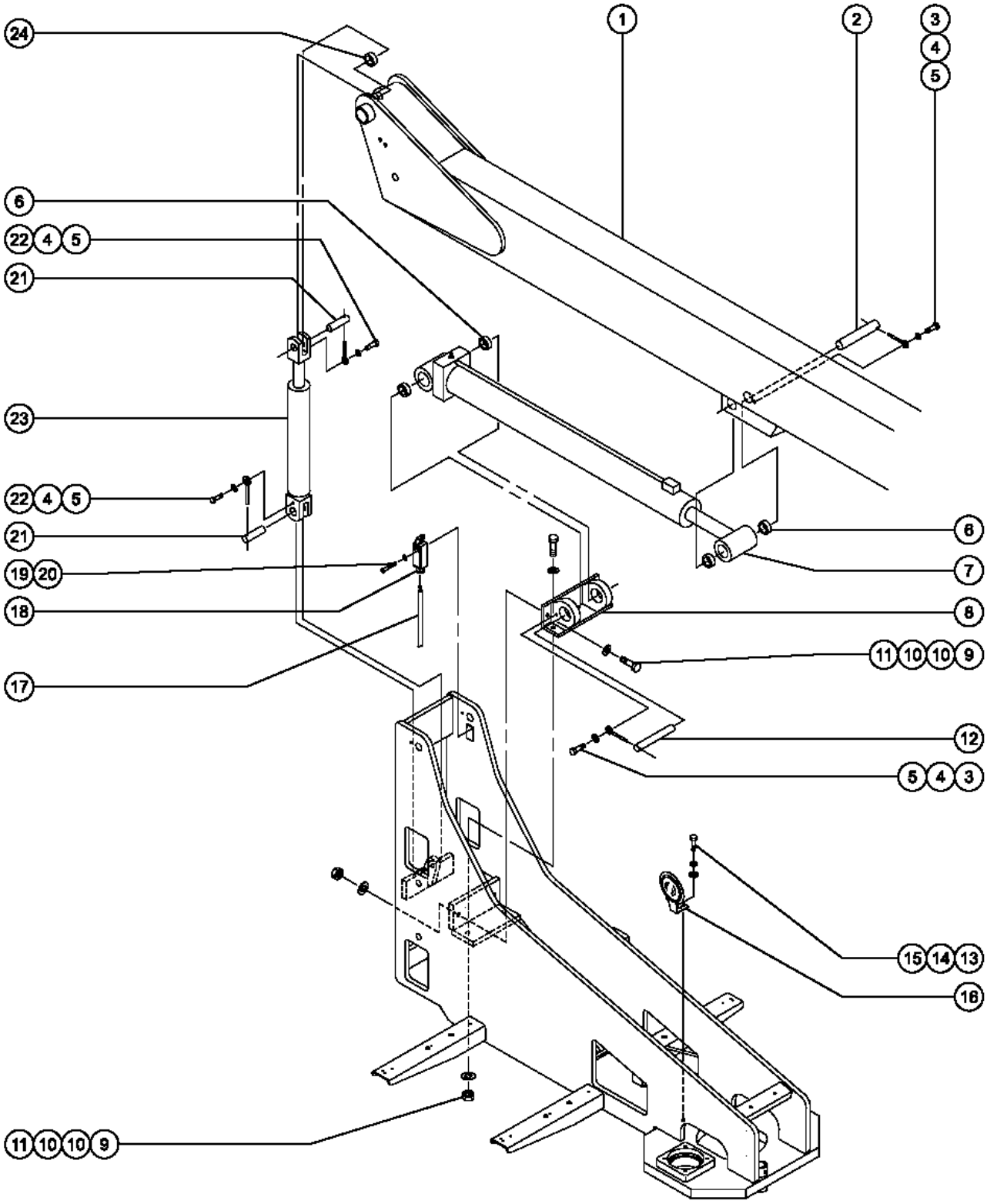
Item	Part No.	Description	Qty.
23	48986GT	CONN,520102-16	2
24	49159-3818GT	HOSE ASSEMBLY,1" Gasoline models	1
24-	49159-3868GT	HOSE ASSEMBLY,1" Diesel models	1
25	49159-3518GT	HOSE ASSEMBLY,1" Gasoline models	1
25-	49159-4268GT	HOSE ASSEMBLY,1"*** Diesel models	1
26	49128-2384GT	HOSE ASSEMBLY,3/8"	1
27	1296384-3285GT	HOSE ASSY,5/8" HYD,90 FEM-ST FEM, 32.85"LG	1
28	49115-4014GT	HOSE ASSEMBLY,1/4"	1
29	48910GT	CONN,070103-4,.030 ORI	1
30	48916GT	CONN, 520120-6	16
31	49130-3832GT	HOSE ASSEMBLY,3/8"	1
32	48935GT	TEE,RUN, 520428-8	1
33	48942GT	ELBOW, 90, 24 C5OLO-S	3
34	48969GT	TEE,BULKHEAD,RUN,520958-12	1
35	49149-3401GT	HOSE ASSY,3/4,45 FEM,STR FEM	1
36	49128-4784GT	HOSE ASSEMBLY,3/8"	1
37	49171-2499GT	HOSE ASSEMBLY,1/2"	1
38	49126-3933GT	HOSE ASSY,3/8,45 FEM,STR FEM	1
39	49126-4133GT	HOSE ASSY,3/8,45 FEM,STR FEM	1
40	49128-2359GT	HOSE ASSEMBLY,3/8"	1
41	48905GT	CONNECTOR, 520120-4	1
42	49117-1691GT	HOSE ASSY,1/4,90 FEM,STR FEM	1
43	48904GT	ELBOW, 90D, 520220-4	1
44	49128-2309GT	HOSE ASSEMBLY,3/8"	1
45	49128-2609GT	HOSE ASSEMBLY,3/8"	1
46	1296389-6433GT	HOSE ASSY,5/8" HYD,90 FEM-ST FEM, 64.33"LG	1
47	49128-2859GT	HOSE ASSEMBLY,3/8"	1
48	48950GT	ELBOW,90D,520220-10	1

513.1 Hydraulic Hoses and Fittings



Item	Part No.	Description	Qty.
49	48934GT	CONN,LONG,520122-8	2
50	48917GT	CONN,LONG,520122-6	2
51	48954GT	TEE,BRANCH,520429-10	1
52	48933GT	CONN,520120-8***	2
53	48930GT	CONN,520120-6-8	1
54	48994GT	VALVE,BALL,16 MPT-16 FPT***	2

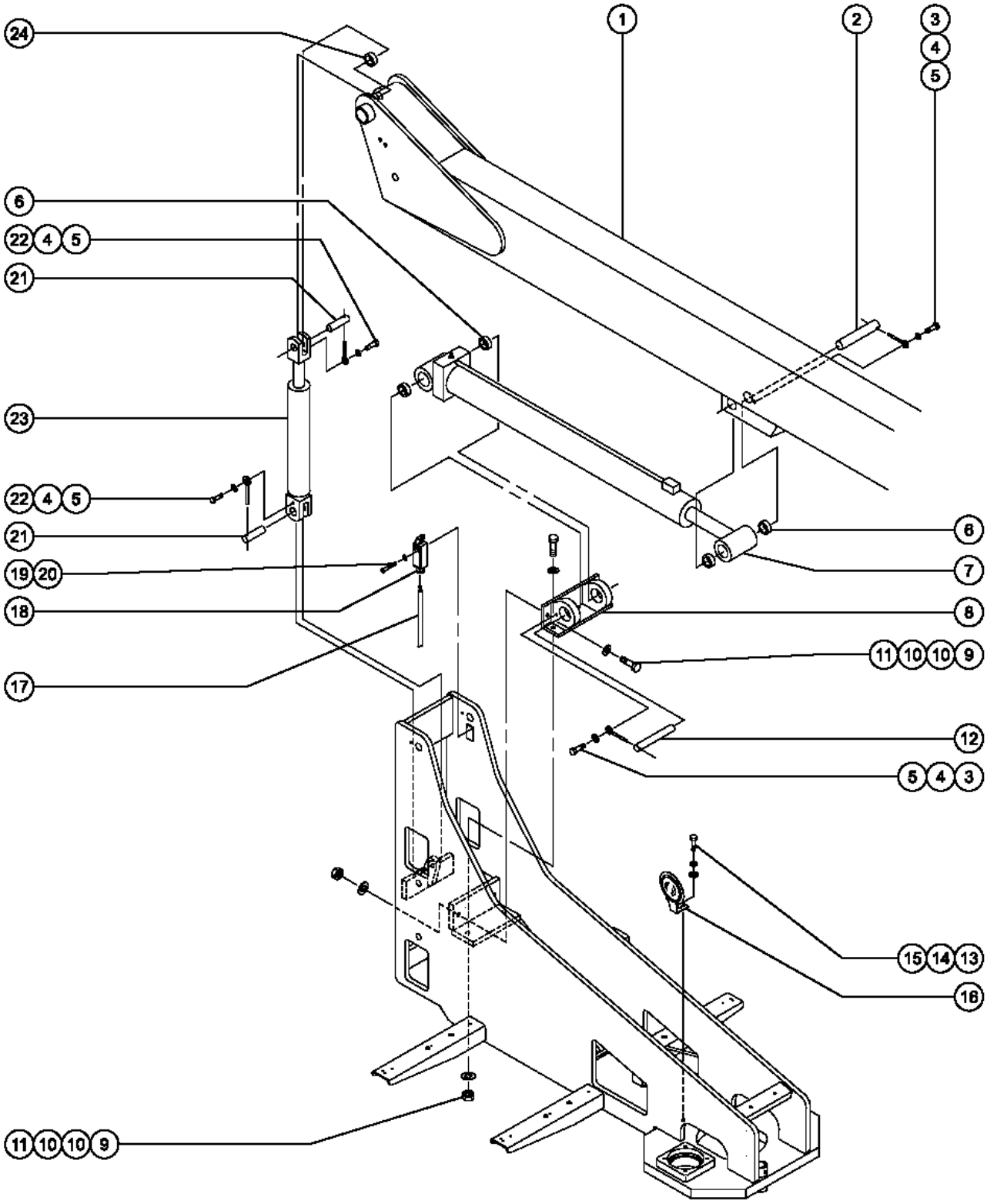
601.1 Boom Lift and Master Leveling Cylinder Installation, S-40



601.1 Boom Lift and Master Leveling Cylinder Installation, S-40

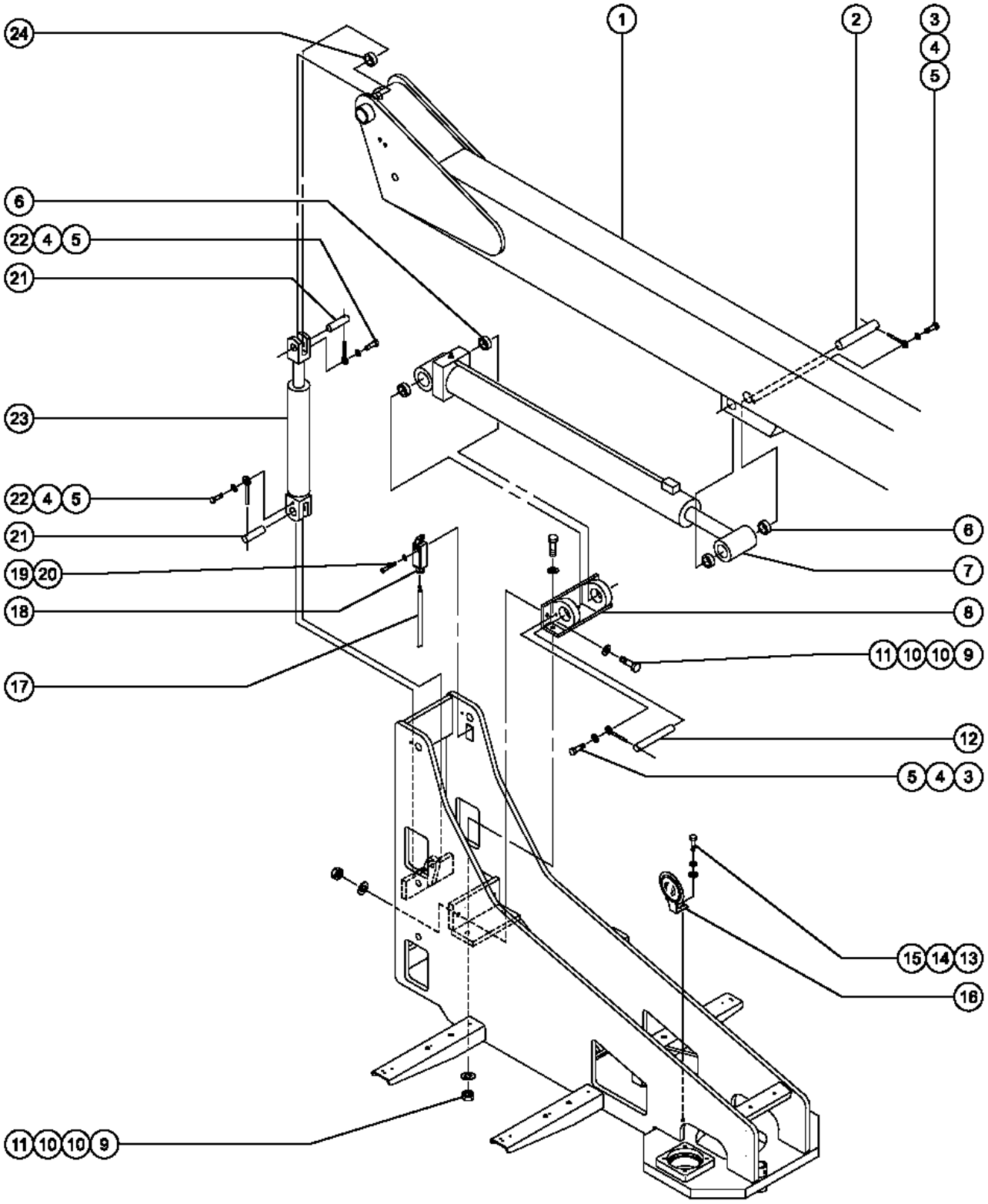
Item	*Part No.*	*Description*	*Qty.*
1		Ref. Boom Tube Assembly - Primary (refer to Figure 6-B or 6-C)	
2	30732GT	PIN,1.50DIAX6.38LG,1HOLE	1
3	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	2
4	6021GT	WASHER, LOCK, .375	4
5	1255452GT	ROD END,.375 X 2.25,ZAG	4
6	1262634GT	BUSHING,POLYGON,BM5121	4
7	63206GT	CYLINDER,LIFT,S40 includes index number 6	1
7-	63346GT	SEAL KIT CYL,S40 (63206) for 63206 cylinder	1
7-	33428GT	VALVE,COUNTERBALANCE for 63206 cylinder	
7-	32713GT	SEAL KIT (CYL PN 30529) for 30529 cylinder; to SN 3393	
7-	31106GT	VALVE,CNTERBAL,CBBB-LHN@3000** for 30529 cylinder; to SN 3393	
8	30662-SGT	WELDMENT, CYLINDER MOUNTING	1
9	13004GT	SCREW,HHC,5/8-11 X 3 GRD.8	4
10	13064GT	WASHER,FLAT,.625 HARDENED	8
11	6024GT	NUT,NYLOCK,5/8-11	4
12	30733GT	PIN,1.50DIAX7.75LG,1HOLE	1
13	13002GT	SCREW,HHC,5/16-18 X 1 GR5	2
14	6356GT	WASHER,LOCK,.25	2
15	6638GT	WASHER, FLAT, USS, 1/4"Y	2
16	81578GT	HORN,12VDC,SPADE TERMINALS***	1
17	43960GT	WIRE CABLE,16/4 CON.TPE JKT	15 inches
18	88356-146R5GT	SWITCH,LIMIT,W/ROLLER HEAD***	1
18	19491GT	CONTACTOR,LIMIT SWITCH	1
19	22541GT	SCREW,RHM,10-32 X 1.5	2
20	6607GT	WASHER,LOCK,#10 PLTD	2
21	30734GT	PIN,1.00DIAX2.88LG,1HOLE	2
22	8255GT	SCREW,HHC,3/8-16 X .75	2

601.1 Boom Lift and Master Leveling Cylinder Installation, S-40



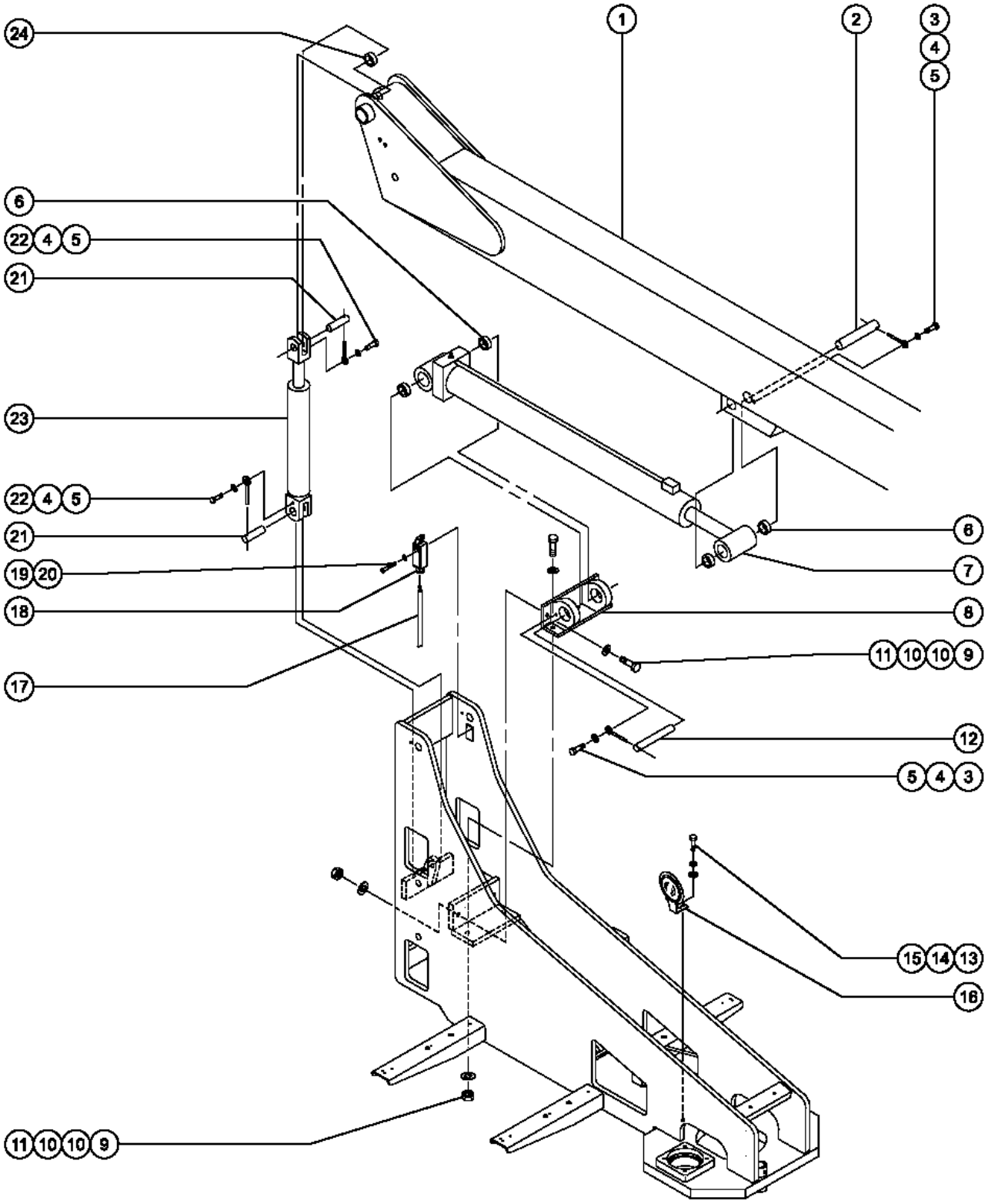
Item	*Part No.*	*Description*	*Qty.*
23	81692GT	CYLINDER,MASTER,S40*** (S-40)	1
23-	59050GT	SEAL KIT,2.5" BORE,1.5" ROD*** for 59071 cylinder (S-40)	
23-	75468GT	SEAL KIT,CYL,S40 MASTER(81692) for 81692 cylinder (S-40)	
23-	59437GT	SEAL KIT,2.5" BORE 1.5" ROD*** for 59187 cylinder (S-40)	
24	25817GT	BEARING,1.00IDX1.25ODX1.00L (S-40)	1

601.2 Boom Lift and Master Leveling Cylinder Installation, S-45



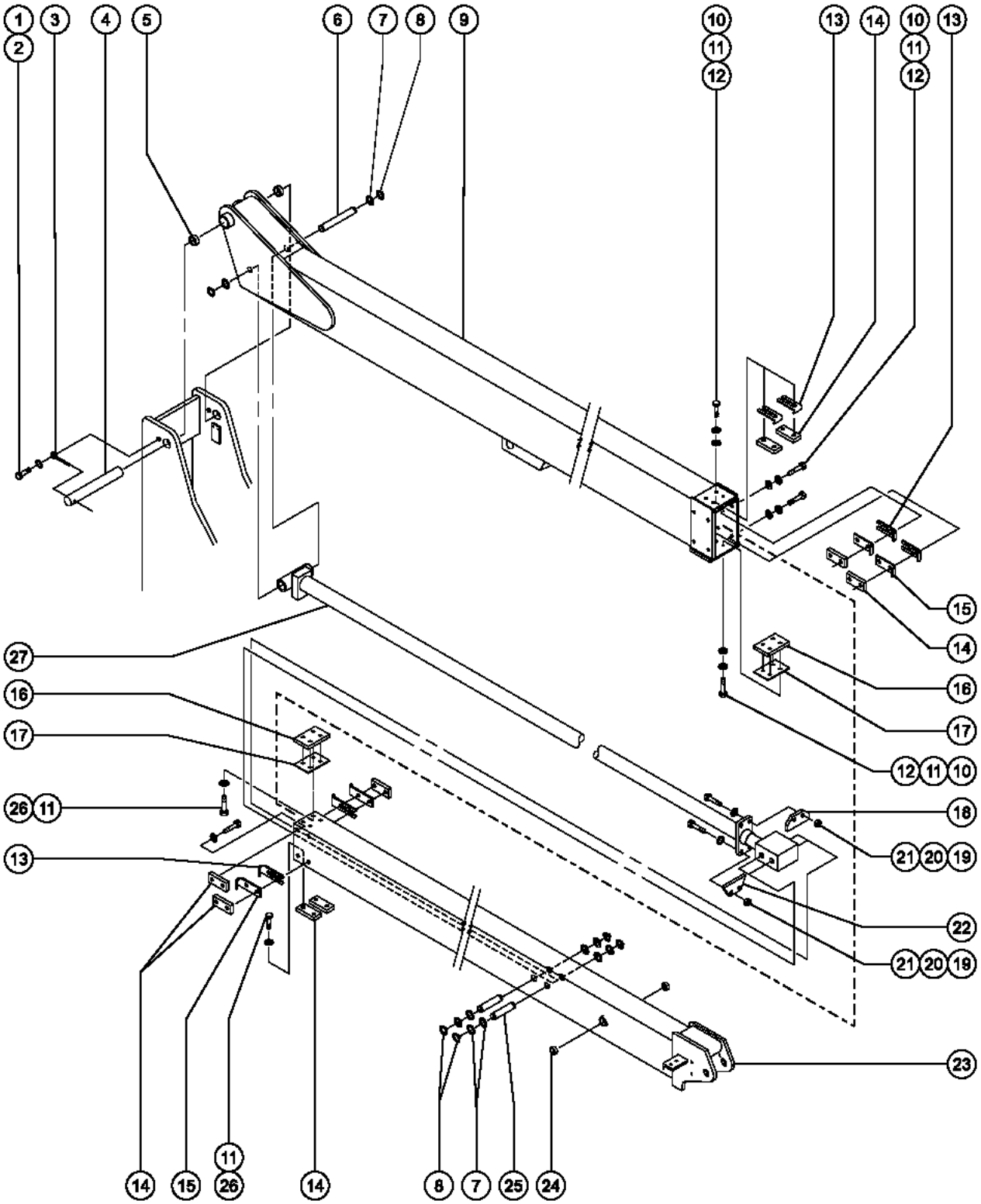
Item	Part No.	Description	Qty.
1		Ref. Boom Tube Assembly - Primary (refer to Figure 6-B or 6-C)	
2	30732GT	PIN,1.50DIAX6.38LG,1HOLE	1
3	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	2
4	6021GT	WASHER, LOCK, .375	4
5	825019GT	ROD END, .375X3.69, ZAG	4
6	1262634GT	BUSHING,POLYGON,BM5121	4
7	63206GT	CYLINDER,LIFT,S40 includes index number 6	1
7-	63346GT	SEAL KIT CYL,S40 (63206) for 63206 cylinder	1
7-	33428GT	VALVE,COUNTERBALANCE for 63206 cylinder	
7-	32713GT	SEAL KIT (CYL PN 30529) for 30529 cylinder; to SN 3393	
7-	31106GT	VALVE,CNTERBAL,CBBB-LHN@3000** for 30529 cylinder; to SN 3393	
8	30662-SGT	WELDMENT, CYLINDER MOUNTING	1
9	13004GT	SCREW,HHC,5/8-11 X 3 GRD.8	4
10	13064GT	WASHER,FLAT,.625 HARDENED	8
11	6024GT	NUT,NYLOCK,5/8-11	4
12	30733GT	PIN,1.50DIAX7.75LG,1HOLE	1
13	13002GT	SCREW,HHC,5/16-18 X 1 GR5	2
14	6356GT	WASHER,LOCK,.25	2
15	6638GT	WASHER, FLAT, USS, 1/4"Y	2
16	81578GT	HORN,12VDC,SPADE TERMINALS***	1
17	43960GT	WIRE CABLE,16/4 CON.TPE JKT	15 inches
18	88356-146R5GT	SWITCH,LIMIT,W/ROLLER HEAD***	1
18-	19491GT	CONTACTOR,LIMIT SWITCH	1
19	22541GT	SCREW,RHM,10-32 X 1.5	2
20	6607GT	WASHER,LOCK,#10 PLTD	2
21	34276GT	PIN,1.25DIAX3.37LG,1HOLE	2
22	8255GT	SCREW,HHC,3/8-16 X .75	2

601.2 Boom Lift and Master Leveling Cylinder Installation, S-45



Item	*Part No.*	*Description*	*Qty.*
23	81694GT	CYLINDER,MASTER (S-45)	1
23-	59263GT	SEAL KIT-3" BORE X 1.5" ROD for 59238 cylinder (S-45)	
23-	59445GT	SEAL KIT,3" BORE,1.5" RD for 59391 cylinder (S-45)	
23-	75470GT	SEAL KIT,CYL,S45 MASTER(81694) for 81694 cylinder (S-45)	
24	30370GT	BEARING,1.25IDX1.5ODX1.00L (S-45)	1

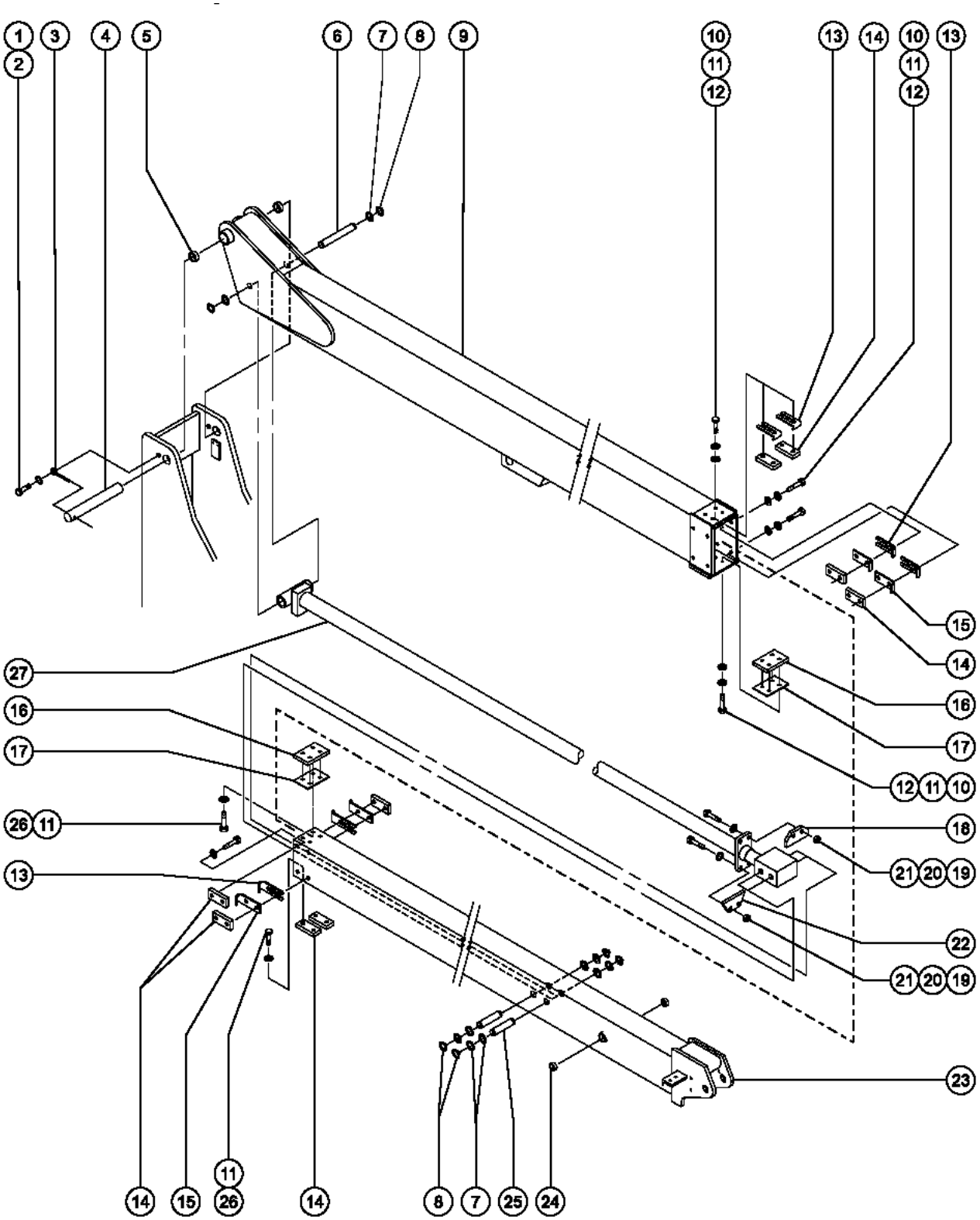
602.1 Boom Assembly, S-40



602.1 Boom Assembly, S-40

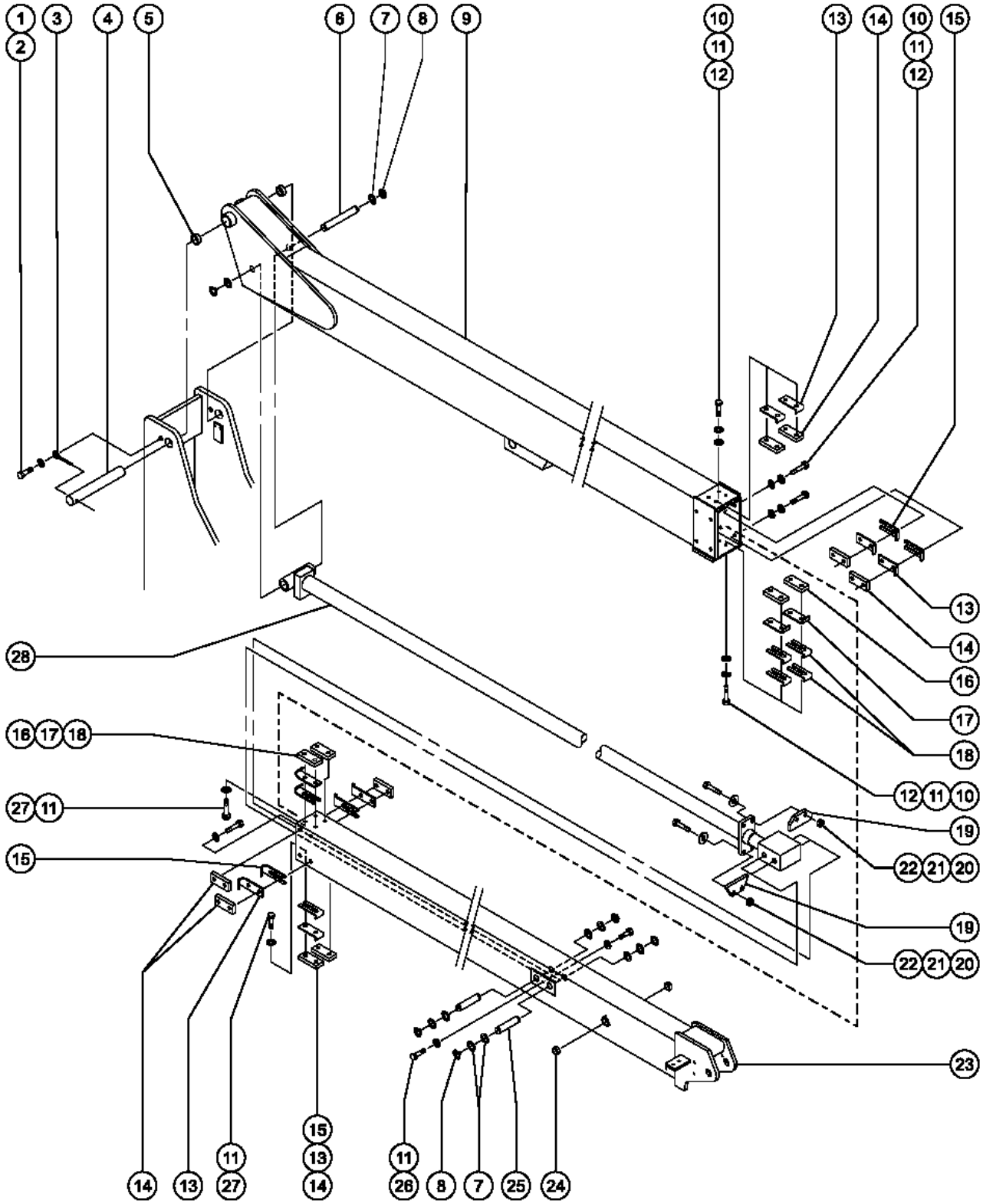
Item	Part No.	Description	Qty.
1	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	1
2	6033GT	WASHER,LOCK,0.5"	1
3	1256267GT	ROD END,.5 X 3.75,ZAG	1
4	30731GT	PIN,PRIM.BOOM,16.0 X 1.5 INCH	1
5	30738GT	BEARING,1.50IDX2.00ODX1.50LG	2
6	30730GT	PIN,1.00DIAX9.46LG,2RING	1
7	30748GT	WASHER,SHIM,1.01 X 1.63 X.062	10
8	1253843GT	SNAP RING,EXTERNAL,1.00,ZAG	6
9	102143GT	PRIMARY BOOM ASSY,S40 (includes item number 5) (customer must also order part number 73969, for first time replacement on units before serial number 5832)	1
10	6175GT	SCREW,HHC,3/8-16 X 1	16
11	6021GT	WASHER, LOCK, .375	32
12	6097GT	WASHER, FLAT, USS, 3/8", Y	16
13	29080GT	SHIM,WEAR PAD,5X 1.5 16GA	12
14	30138GT	WEAR PAD,5 X 1.5 X .625 W/NUTS	12
15	38620GT	SHIM,WEAR PAD,5 X 1.5,14GA	8
16	30741GT	WEAR PAD,6.5 X 5 X .75 W/NUTS	2
17	30472GT	SHIM,PRIMARY BOOM,.064 THK.	2
18	30581GT	PAD,EXTENSION CYLINDER,TOP	1
19	6091GT	NUT,NYLOCK,1/4-20	4
20	6638GT	WASHER, FLAT, USS, 1/4"Y	4
21	6637GT	SCREW,HHC,1/4-20 X 1.75	4
22	30582GT	PAD,EXTENSION CYLINDER,BOTTOM	1
23	73969GT	PRIMARY BOOM EXT ASSY,S-40*** (includes item number 24) (customer must also order part number 102143, for first time replacement on units before serial number 5832)	1
24	30220GT	BEARING,1.25ID X 1.5OD X 0.69L	2
25	30729GT	PIN,1.00DIAX6.67LG,2RING	2
26	8255GT	SCREW,HHC,3/8-16 X .75	16
27A		CYLINDER,EXT.2.5" X 163.5"** Previous cylinder part 35459 is no longer available. Customer must order cylinder part 63202 for replacement.	

602.1 Boom Assembly, S-40



Item	Part No.	Description	Qty.
27A-	37497GT	SEAL KIT,S40 EXT.CYL.(35459) used with cylinder 35459	
27A-	32712GT	VALVE,COUNTERBAL.CBBB-LHN@2600 used with cylinder 35459 before April 1996	
27A-	36188GT	VALVE,COUNTERBAL.CACA-LHN@2000 used with cylinder 35459 after March 1996	
27A-	33428GT	VALVE,COUNTERBALANCE used with cylinder 35459 after March 1996	
27B	63202GT	CYLINDER,EXT.2.5" X 163.5" from SN 3419	
27B-	63342GT	SEAL KIT,CYL,S40 (63202) used with cylinder 63202	
27B-	89872GT	VALVE,COUNTERBALANCE*** used with cylinder 63202	
27B-	33428GT	VALVE,COUNTERBALANCE used with cylinder 63202	
27B-	1274506GT	GLAND NUT ASSEBLY	

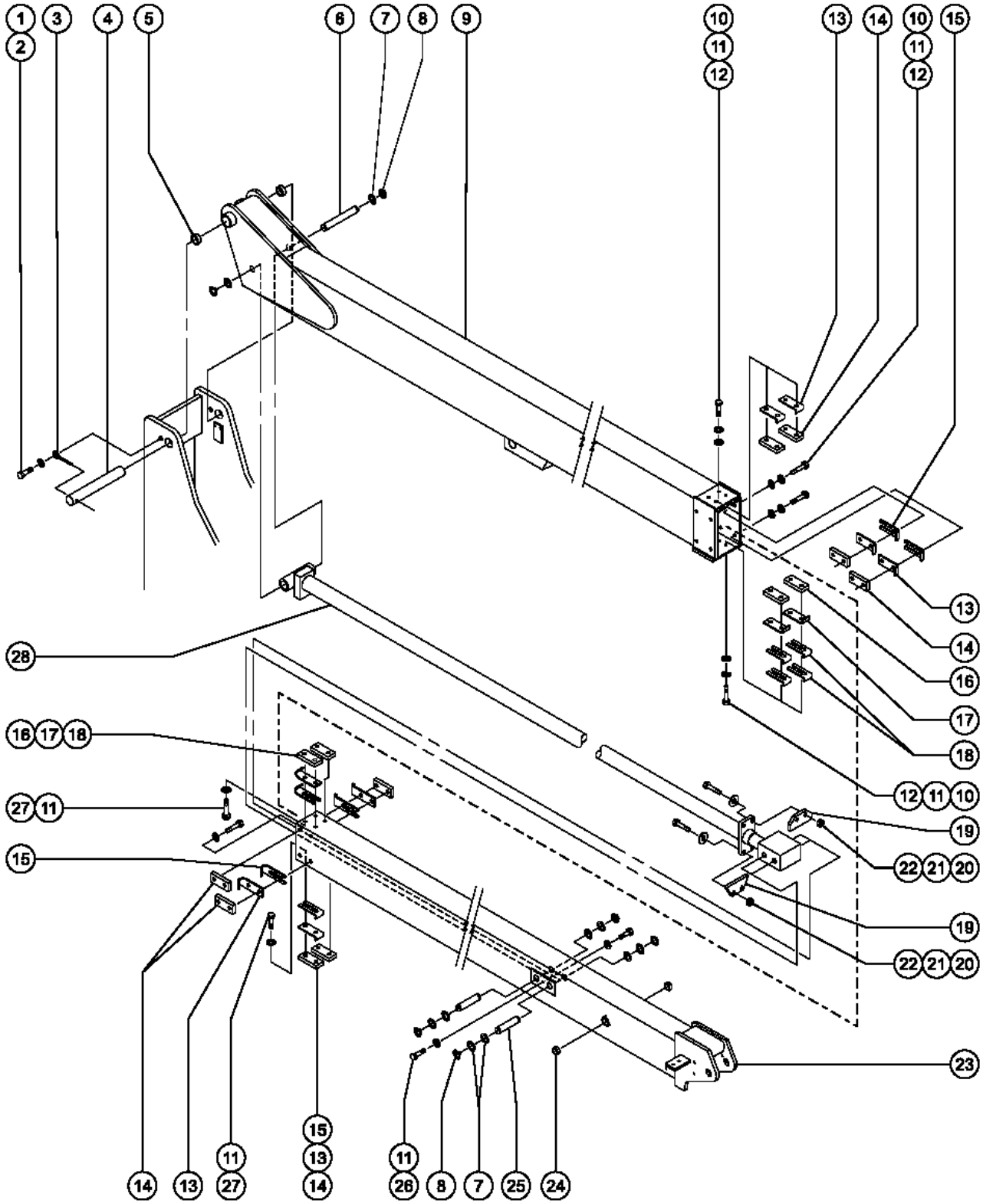
603.1 Boom Assembly, S-45



603.1 Boom Assembly, S-45

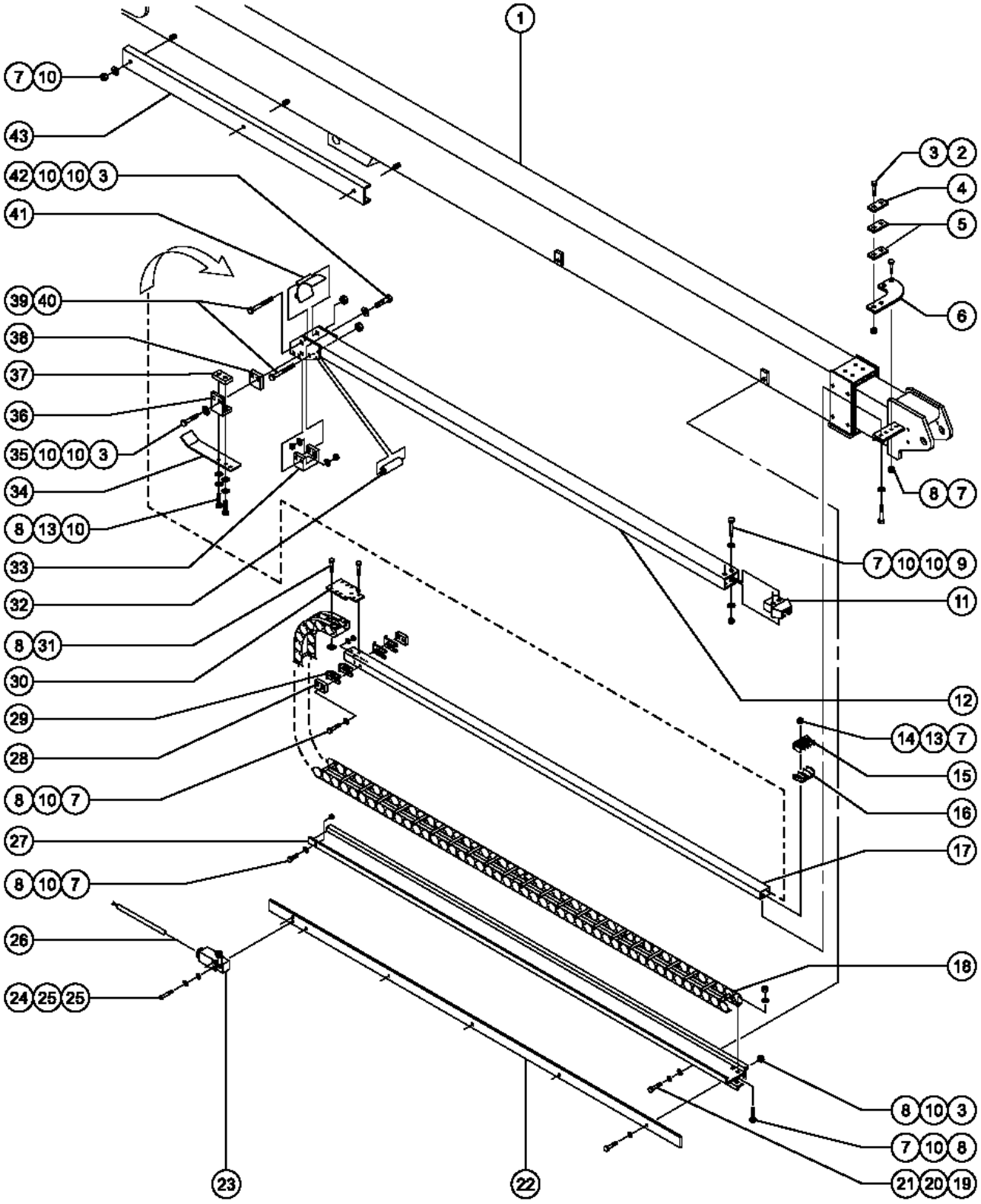
Item	Part No.	Description	Qty.
1	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	1
2	6033GT	WASHER,LOCK,0.5"	1
3	1256267GT	ROD END,.5 X 3.75,ZAG	1
4	30731GT	PIN,PRIM.BOOM,16.0 X 1.5 INCH	1
5	30738GT	BEARING,1.50IDX2.00ODX1.50LG	2
6	53219GT	PIN,1.00DIAX11.05LG,2RING	1
7	30748GT	WASHER,SHIM,1.01 X 1.63 X.062	10
8	1253843GT	SNAP RING,EXTERNAL,1.00,ZAG	6
9	102144GT	PRIMARY BOOM ASSY, S45 includes index number 5	1
10	6175GT	SCREW,HHC,3/8-16 X 1	16
11	6021GT	WASHER, LOCK, .375	35
12	6097GT	WASHER, FLAT, USS, 3/8", Y	16
13	38620GT	SHIM,WEAR PAD,5 X 1.5,14GA	8
14	30138GT	WEAR PAD,5 X 1.5 X .625 W/NUTS	8
15	29080GT	SHIM,WEAR PAD,5X 1.5 16GA	12
16	34124GT	WEAR PAD,5 X 3 X .625 W/NUTS	4
17	38621GT	SHIM, PAD, 5 x 3	4
18	34344GT	SHIM, PAD, 3 x 5	10
19	53197GT	WEAR PAD,EXTENSION CYLINDER	2
20	6091GT	NUT,NYLOCK,1/4-20	4
21	12906GT	WASHER,FENDER,.25 X 1.25 X.062	4
22	6637GT	SCREW,HHC,1/4-20 X 1.75	4
23	52882GT	EXTENSION BOOM TUBE ASSY. S-45 includes index number 24	1
24		BEARING not used on S-45	
25	53200GT	PIN,1.00DIAX8.38LG,2RING	2
26	53354GT	SCREW,HHC,3/8-16 X1.25FULL THR	2
27	8255GT	SCREW,HHC,3/8-16 X .75	16
28	63202GT	CYLINDER,EXT.2.5" X 163.5"	1

603.1 Boom Assembly, S-45



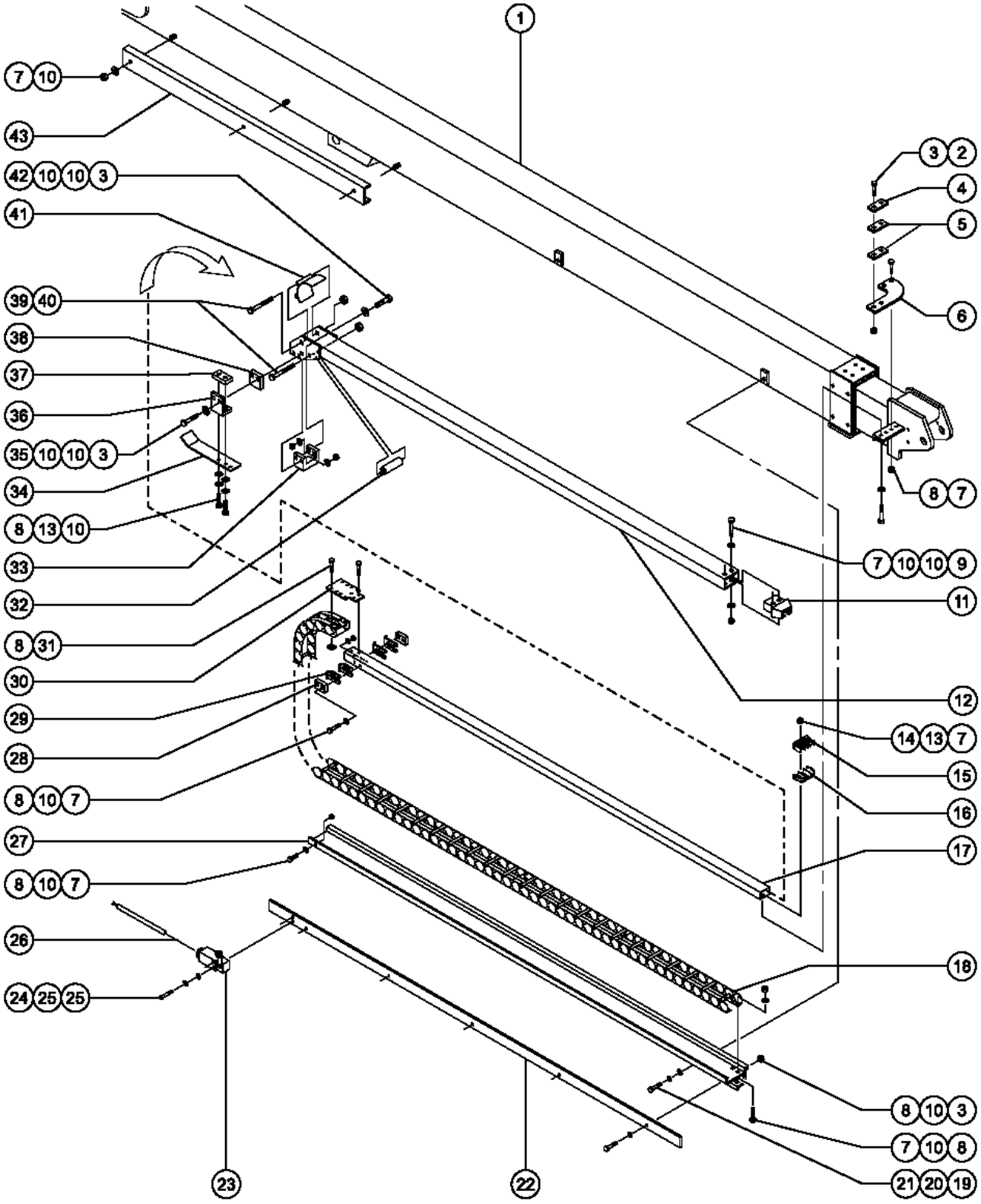
Item	*Part No.*	*Description*	*Qty.*
28-	63342GT	SEAL KIT,CYL,S40 (63202)	1
28-	89872GT	VALVE,COUNTERBALANCE***	1
28-	33428GT	VALVE,COUNTERBALANCE	1
28_	1274506GT	GLAND NUT ASSEBLY	

604.1 Cable Track Installation



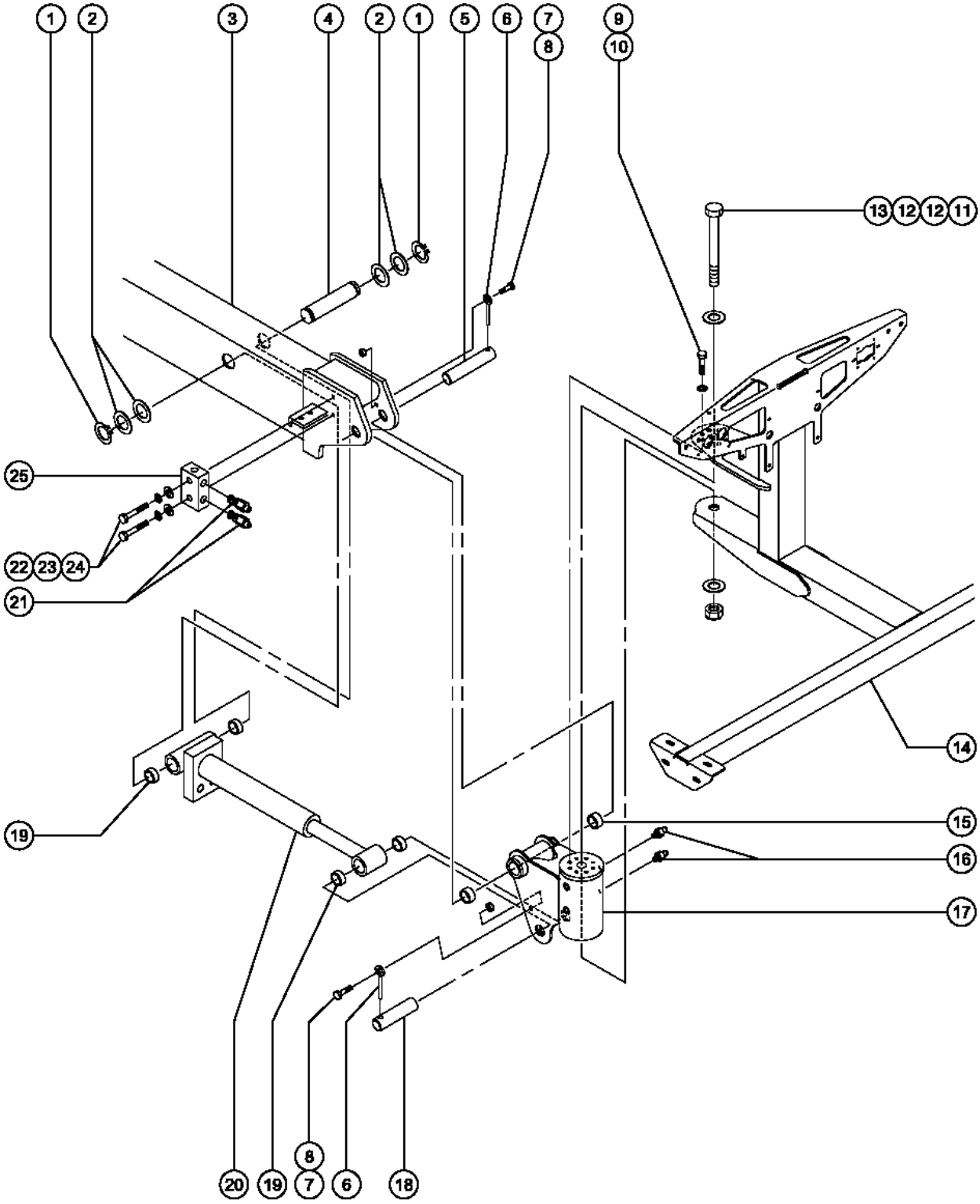
Item	Part No.	Description	Qty.
	48516GT	CABLE CLAMP ASSEMBLY,S40 includes index numbers 4, 5, 6 and mounting hardware	
1		Ref. Boom Assembly (refer to Figures 6-B or 6-C)	
2	4266GT	SCREW,HHC,1/4-20 X 2	2
3	6091GT	NUT,NYLOCK,1/4-20	12
4	46751P-SGT	CABLE CLAMP	1
5	46765GT	PAD,CABLE CLAMP	2
6	46936PGT	BRACKET, CABLE CLAMP	1
7	6889GT	NUT,LP NYLOCK,1/4-20	21
8	6090GT	SCREW, HHC, 1/4-20 X .75	26
9	6115GT	SCREW,HHC,1/4-20 X 3.5	2
10	6638GT	WASHER, FLAT, USS, 1/4"Y	31
11	41750GT	COW CATCHER,PLASTIC	1
12	30671-SGT	WLDMT.CABLE TRACK TUBE S40	1
13	8914GT	SCREW, HHC, 1/4-20 X .625	2
14	6356GT	WASHER,LOCK,.25	4
15	63432GT	CLAMP,HOSE,BOTTOM,MOLDED	1
16	63433GT	CLAMP,HOSE,TOP,MOLDED	1
17	52654GT	TUBE-CABLE TRACK W/TRIM S-40** for units with metal cable track	1
17B	30670-SGT	WLDMT.CABLE TRACK SUPP.TUBE*** for units with plastic cable track	1
18	73994GT	CABLETRACK,PLATED, 41 LINK	1
18-	46677GT	REPAIR LINK,3 LINKS (STEEL)	1
18-	72268GT	END SET,STEEL43482,43483,43484	1
18-	73994GT	CABLETRACK,PLATED, 41 LINK	1
18-	81007GT	REPAIR LINK, 4 LINKS PLATED	1
19	8255GT	SCREW,HHC,3/8-16 X .75	2
20	6021GT	WASHER, LOCK, .375	2
21	6097GT	WASHER, FLAT, USS, 3/8", Y	2
22	44081-SGT	COVER,CABLE TRACK	1

604.1 Cable Track Installation



Item	Part No.	Description	Qty.
23	88356-11165GT	SWITCH,LIMIT,W/RLLR ARM,NO/NC*	1
23-	19491GT	CONTACTOR,LIMIT SWITCH	1
23-	97128GT	ROLLER ARM,LIMIT SWITCH***	1
24	6179GT	SCREW,RHM,10-32 X 1.25	2
25	6607GT	WASHER,LOCK,#10 PLTD	4
26	43960GT	WIRE CABLE,16/4 CON.TPE JKT	312 inches
27	52653GT	CABLE TRACK TRAY ASSY W/TRIM	1
28	31411GT	WEAR PAD,CABLE TRACK	2
29	34954GT	SHIM,SIDE PAD 16GA.1.5 X 3.5	4
30	43191P-SGT	PLATE,CABLE TRACK,PAINTED	1
31	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	4
32	40653GT	ROLLER,UHMW	1
33	43128GT	SLIDER BAR	1
34	36204P-SGT	BRACKET,LIMIT SWITCH EXT,BLUE*	1
35	8179GT	SCREW,HHC,1/4-20 X 2.25	2
36	41031P-SGT	ANGLE,CABLE TRACK TUBE,PAINTED	1
37	41029GT	WEAR PAD,3 X 2 X .5 W/INSERT	1
38	41030GT	WEAR PAD,2.25 X 2.50 X .5	1
39	22832GT	SCREW,HHC,3/8-16 X 6	3
40	7713GT	NUT, LP NYLOCK, 3/8-16	3
41	36593-SGT	WELDMENT,CABLE TRACK GUIDE**	1
42	6145GT	SCREW, HHC, 1/4-20 X 1.5	2
43	25072P-SGT	HOSE COVER,LWR CABLE TRK,BLUE	1

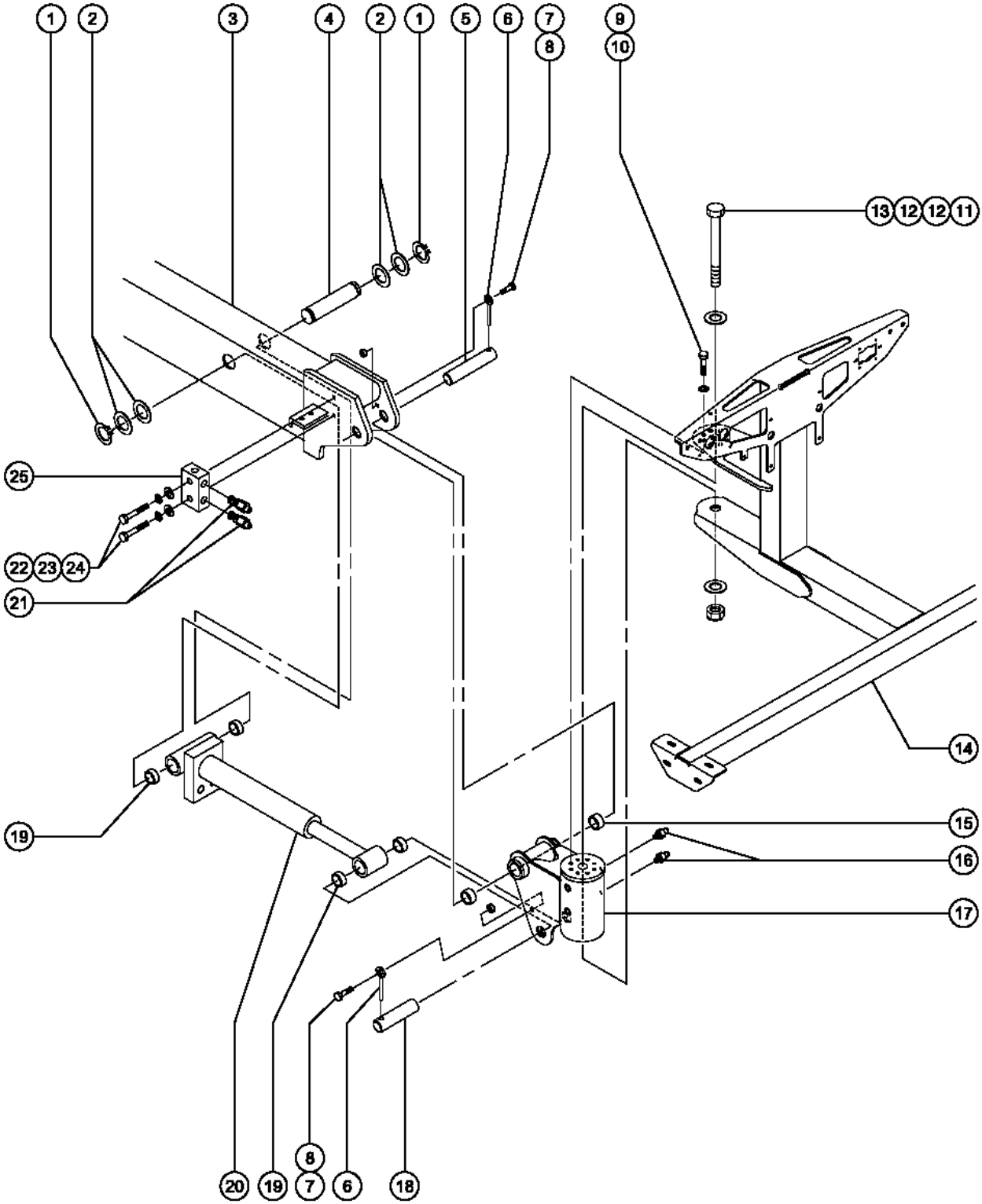
605.1 Slave Cylinder and Platform Rotator, S-40 models



605.1 Slave Cylinder and Platform Rotator, S-40 models

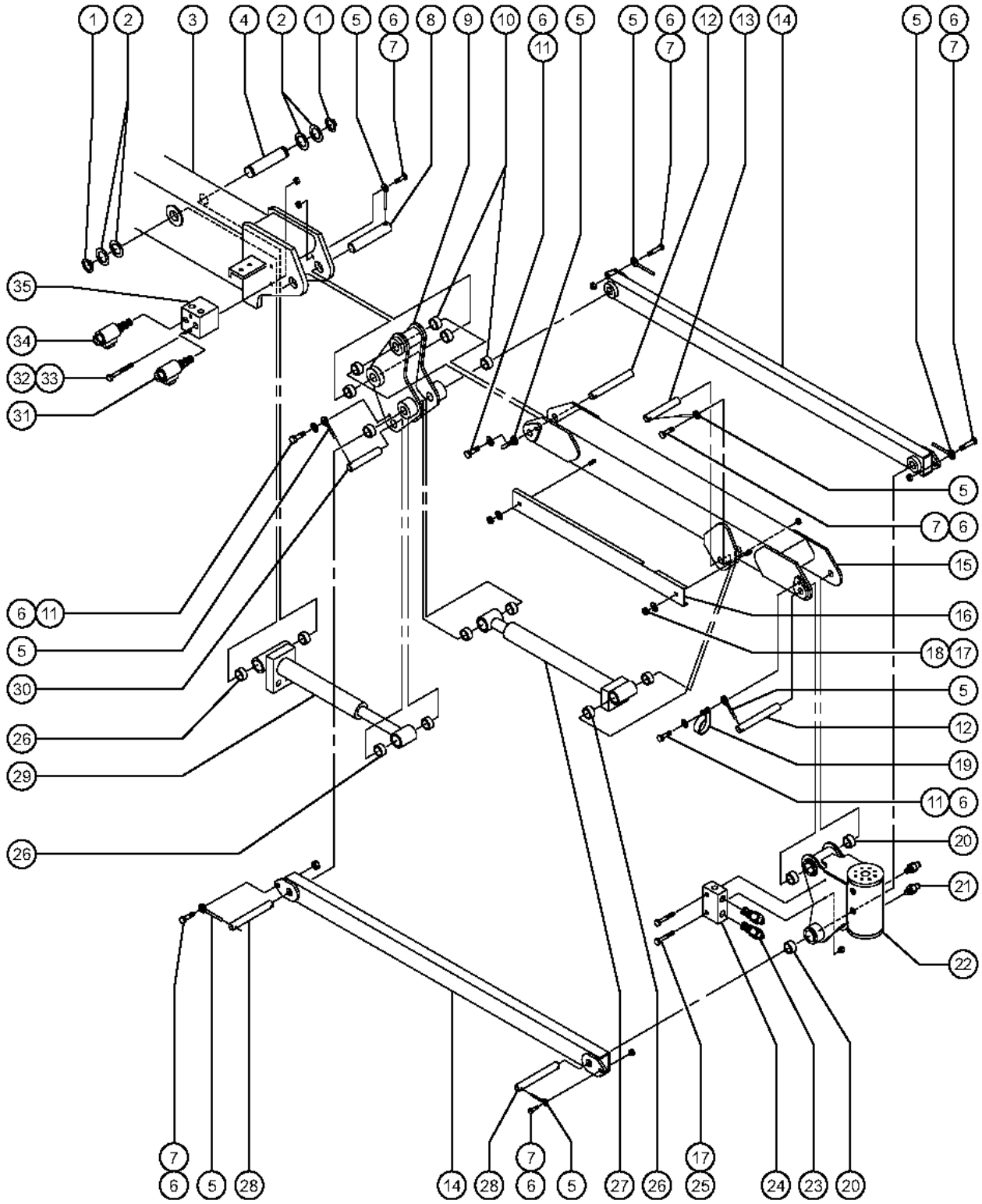
Item	Part No.	Description	Qty.
1	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	2
2	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	4
3		Ref. Boom Assembly (refer to Figure 6-B)	4
4	30728GT	PIN,1.25DIAX7.17LG,2RING	1
5	30727GT	PIN,ROTATOR,8.13 X 1.25 INCH to SN 6208	1
5-	T108076GT	PIN,1.25DIAX7.88LG,1HOLE from SN 6209	1
6	825019GT	ROD END, .375X3.69, ZAG	2
7	8516GT	SCREW, HCC, 3/8-16 X 1.50	2
8	4828GT	NUT, NYLOCK, 3/8-16	2
9	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5 USE WITH ROTATOR PART NO 30669	6
9-	6175GT	SCREW,HHC,3/8-16 X 1 USE WITH ROTATOR PART NO 73499	8
9-	27035GT	SCREW,SHC,3/8-16 X .75,BLACK USE WITH ROTATOR PART NO 94398 (INCLUDED IN ROTATOR UPDATE KIT PART NO 77874)	8
10	6033GT	WASHER,LOCK,0.5" to SN 5277	6
10-	6097GT	WASHER, FLAT, USS, 3/8", Y from SN 5278	8
11	30286GT	SCREW,HHC,1-8 X 12IN GRD.2*** to SN 5277	1
11-	73928GT	SCREW,HHC,1-8 X 11,GRD 5*** from SN 5278	1
12	13775GT	WASHER,FLAT,1.063 X 2 X .134 to SN 5277	2
12-	38859GT	WASHER,FLAT,USS,1",Y from SN 5278	2
13	29764GT	NUT,NYLOCK,1-8	1
14	50144-SGT	PLATFORM SUPPORT WELDMENT*** to SN 5277	1
14-	60370-SGT	PLATFORM SUPPORT WELDMNT-SERV* from SN 5278	1
15	30219GT	BEARING,FL,1.25ID X 1.41OD X 1 from SN 4508 to 5628	2
15-	30219GT	BEARING,FL,1.25ID X 1.41OD X 1 from SN 5594	
15-	30370GT	BEARING,1.25IDX1.5ODX1.00L to SN 5277	2
16	13852GT	VALVE ASSY,BLEED***	2
16-	88516GT	SCREW,BLEEDER,M5X0.8 USE WITH ROTATOR PART NO 94398	2
17A	94398GT	ROTATOR,PLAT,NON-JIB (INCLUDED IN ROTATOR UPDATE KIT PART NO 77874 and 111172); from SN 5594	1

605.1 Slave Cylinder and Platform Rotator, S-40 models



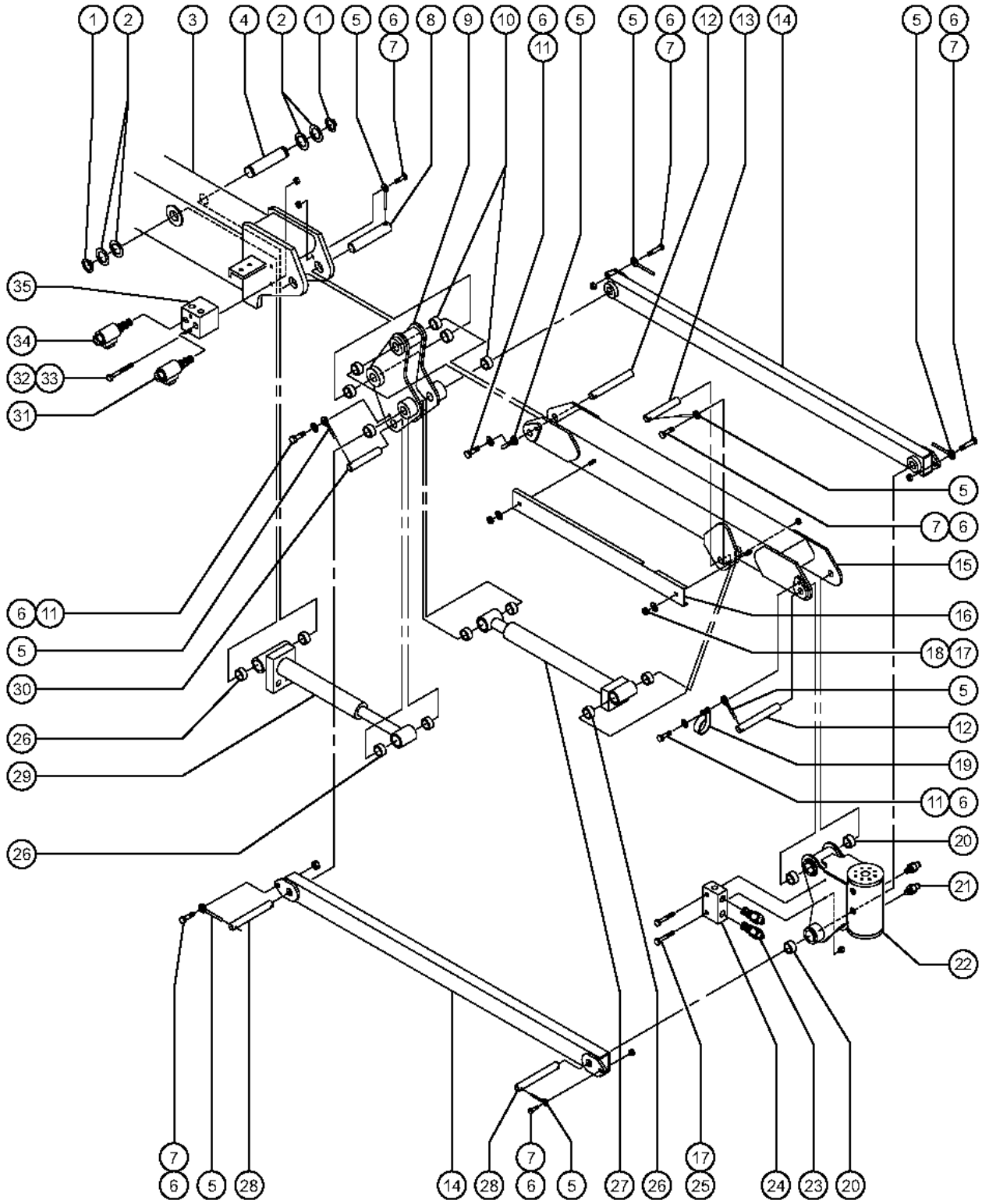
Item	Part No.	Description	Qty.
17B	77874GT	ROTATOR ASSEMBLY,8.2K*** ROTATOR UPDATE KIT, REQUIRED FOR FIRST TIME REPLACEMENT OF PREVIOUS ROTATOR PART NO 30669; from SN 831 to 5278	1
17C	111172GT	STICK BOOM ROTATOR SERVICE KIT ROTATOR UPDATE KIT, REQUIRED FOR FIRST TIME REPLACEMENT OF PREVIOUS ROTATOR PART NO 73499; from SN 5279 to 5593	
17D-	122944GT	SEAL KIT,8K ROTATOR*** for rotator 94398	
17D-	65842GT	SEAL KIT,UNIVERSAL,9K ROTATOR* for rotator 30669	1
17D-	62417GT	SEAL KIT,PLAT ROTATE*** for rotator 73499 and 73917	1
17D-	106421GT	SEAL KIT,ARCTIC,ROTATOR 8.2K** for rotator 73499 and 73917	1
17D-	75395GT	BEARING KIT,PLAT ROTATOR,SUPER for rotator 73499 and 73917	1
17D-	31498GT	BEARING KIT,ROTATOR,9K*** for rotator 30669	
17D-	77877GT	SHAFT ADAPTER, HELAC ROTATOR (INCLUDED IN ROTATOR UPDATE KIT PART NO 77874)	1
17D-	73807GT	MANIFOLD,ROTATOR,CB*** (INCLUDED IN ROTATOR UPDATE KIT PART NO 77874 AND 111172)	
18	T108075GT	PIN,1.25DIAX5.25LG,1HOLE	1
19	59266GT	BEARING, POLYGON P2055 (59105)	4
19-	25683GT	BEARING,POLYGON,20DU12	
20	81693GT	CYLINDER,SLAVE,S40/45 includes 4 each index number 19 and part number 77303	1
20-	31078GT	SEAL KIT,HYDRAULIC CYLINDER*** use with cylinder 30530; to SN 3425	1
20-	59050GT	SEAL KIT,2.5" BORE,1.5" ROD*** use with cylinder 59105; from SN 3426 to 6168	1
20-	75469GT	SEAL KIT,CYL,S40 SLAVE (81693) use with cylinder 81693; from SN 6169	1
20-	43169GT	VALVE,COUNTERBALANCE*** use with cylinder 30530; to SN 3425	1
20-	59267GT	VALVE,COUNTERBAL.CACG-LGN@3500 use with cylinder 59105; from SN 3426 to 6168	
20-	77303GT	VALVE, CNTRBAL 3500 PSI, ATM VEN use with cylinder 81693; from SN 6169	1
21	32722GT	VALVE,COUNTERBAL.CBCG-LJN@3000	2
22	6637GT	SCREW,HHC,1/4-20 X 1.75	2
23	6356GT	WASHER,LOCK,.25	2
24	6638GT	WASHER, FLAT, USS, 1/4"Y	2
25	30823GT	VALVE,DUAL CB MANIFOLD includes index number 21	1

606.1 Jib Boom and Platform Rotator, S-45 models



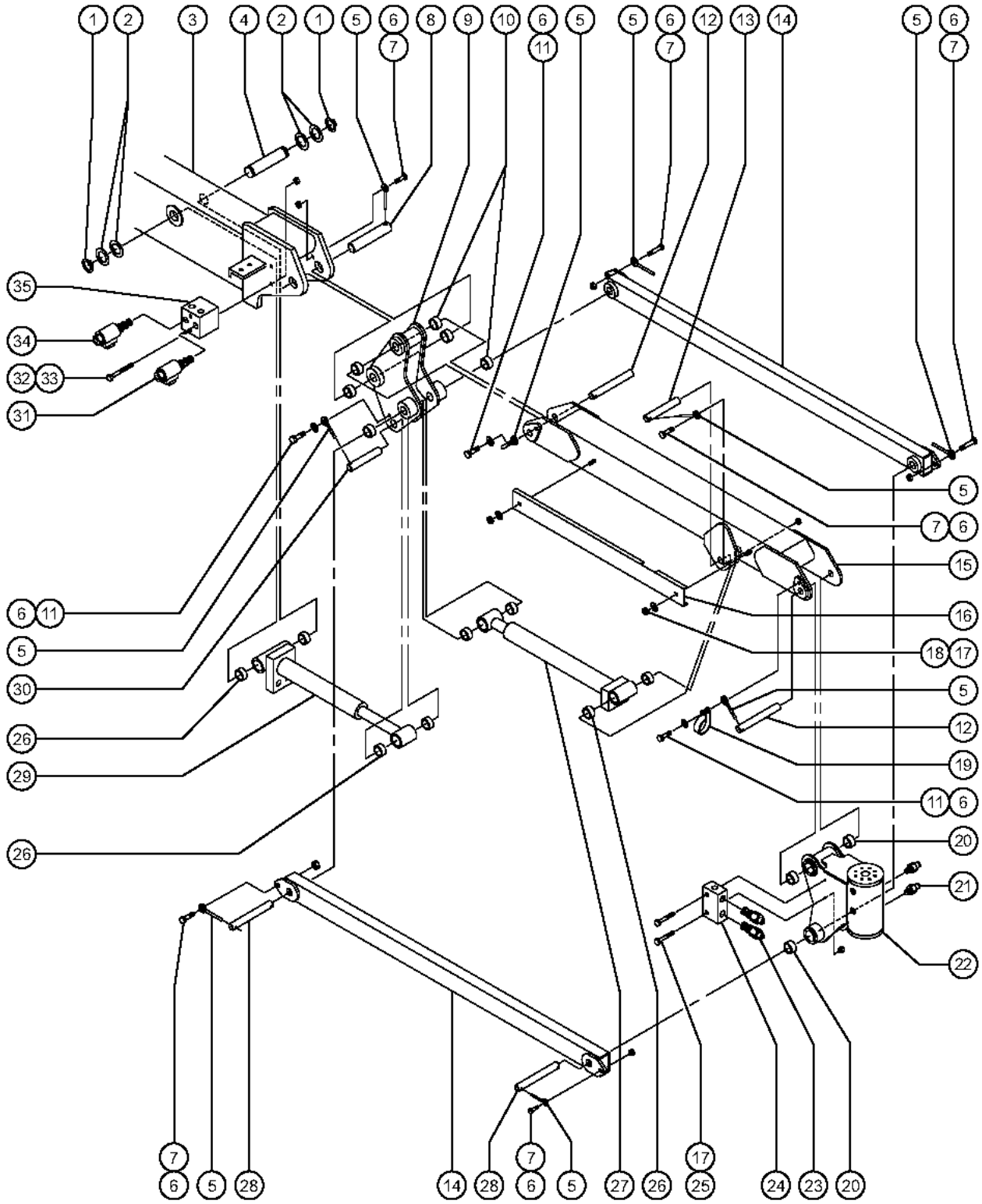
Item	Part No.	Description	Qty.
1	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	2
2	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	4
3		Ref. Boom Assembly (refer to Figure 603.1)	4
4	T108079GT	PIN,1.25DIAX8.30LG,2RING	1
5	825019GT	ROD END, .375X3.69, ZAG	9
6	8516GT	SCREW, HCC, 3/8-16 X 1.50	9
7	4828GT	NUT, NYLOCK, 3/8-16	6
8	T108078GT	PIN,1.25DIAX9.50LG,1HOLE	1
9	89801GT	BELLCRANK ASSY W/BEARINGS includes index number 10	1
10	35675GT	BEARING,FL,1.25IDX1.5ODX1.25L	6
11	6021GT	WASHER, LOCK, .375	3
12	T108076GT	PIN,1.25DIAX7.88LG,1HOLE	2
13	T108077GT	PIN,1.25DIAX7.00LG,1HOLE	1
14	61306-SGT	COMPR.LINK,MACHINED,GND CONTR*	2
15	128513GT	SERVICE KIT,5FT JIB required for first time replacement (includes part number 128534); refer to section 609.1 for jib detail	1
15-	128515GT	SERVICE KIT, 5FT JIB, ARCTIC required for first time replacement (includes part number 128534 and 128454)	
15-	128534GT	JIB BOOM ASSY W/WORD DECAL use ONLY if service kits 128513 or 128515 have been installed on the machine	
16	54527-SGT	CABLE COVER,JIB*** before using the upgrade service kit 128513 or 128515	1
16-	128454PGT	COVER, JIB HOSES/CABLES included in service kits 128513 and 128515	1
17	6091GT	NUT,NYLOCK,1/4-20	4
18	6356GT	WASHER,LOCK,.25	4
19	32339GT	CLAMP,1.75,#28 X 3/8,RUB CUSH*	1
20	30219GT	BEARING,FL,1.25ID X 1.41OD X 1 for rotator 30947	4
20-	30370GT	BEARING,1.25IDX1.5ODX1.00L for rotator 73498, 60505, 94397	
21	13852GT	VALVE ASSY,BLEED***	2
21-	88516GT	SCREW,BLEEDER,M5X0.8	2
22	77875GT	ROTATOR ASSEMBLY,8.2K*** required for first time replacement of older rotators; includes hydraulic rotator part number 94397,manifold part number 73807 and shaft adapter 77877	1

606.1 Jib Boom and Platform Rotator, S-45 models



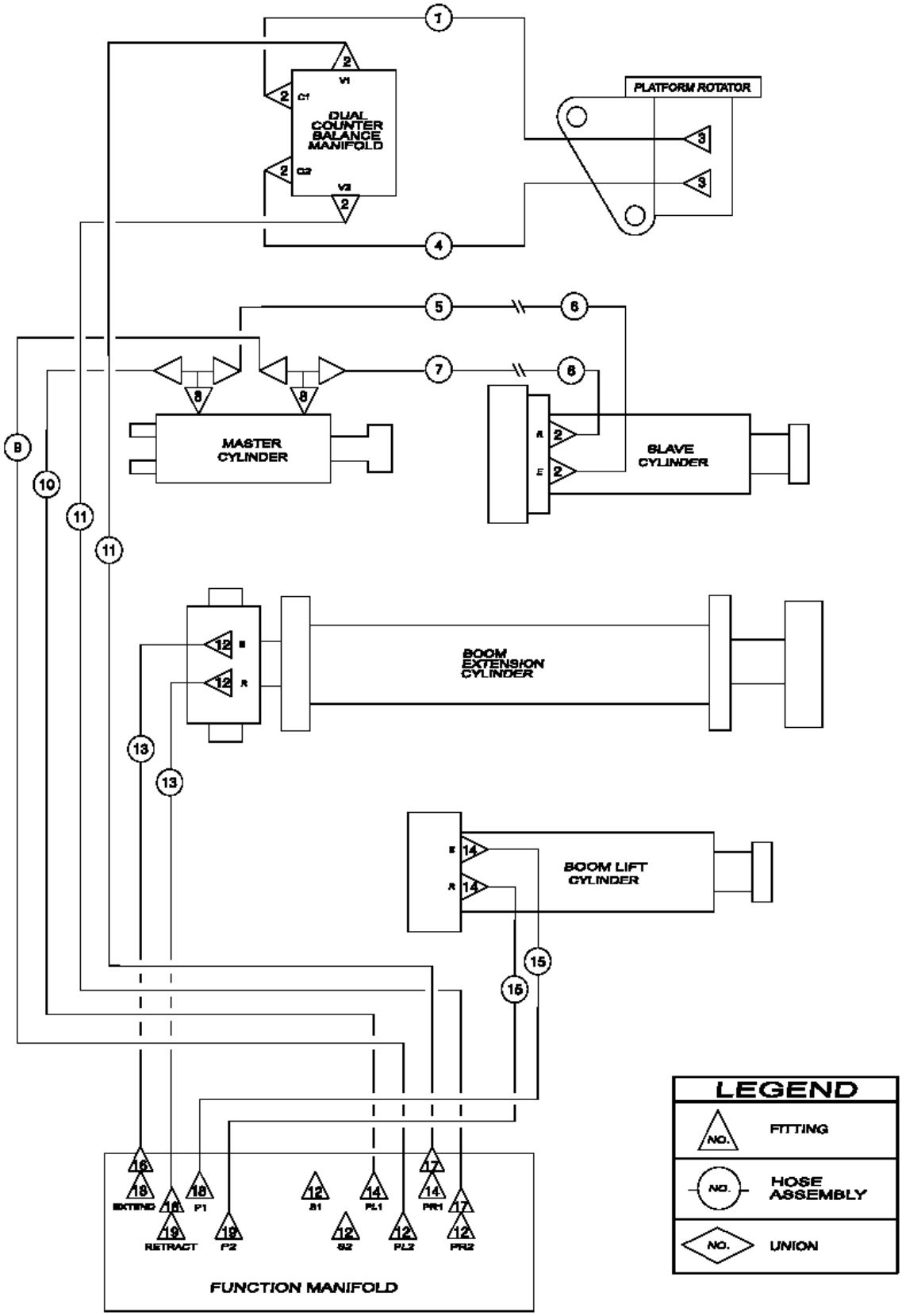
Item	Part No.	Description	Qty.
22-	94397GT	ROTATOR,PLAT JIB,160 DEG*** ..... from SN 5279	1
22-	122944GT	SEAL KIT,8K ROTATOR*** ..... for rotator 94397	
22-	65842GT	SEAL KIT,UNIVERSAL,9K ROTATOR* ..... for rotator 30947	1
22-	62417GT	SEAL KIT,PLAT ROTATE*** ..... for rotator 60505, 73498	
22-	106422GT	KIT,SEAL& BEARING,ARC,ROT.9K** ..... replaces seals for arctic temps on rotator 60505	1
22-	31498GT	BEARING KIT,ROTATOR,9K*** ..... for rotator 30947	1
22-	75395GT	BEARING KIT,PLAT ROTATOR,SUPER ..... for rotator 60505, 94397	1
22-	77877GT	SHAFT ADAPTER, HELAC ROTATOR	1
23	32722GT	VALVE,COUNTERBAL.CBCG-LJN@3000 ..... for manifold 30823	2
23-	62506GT	VALVE - COUNTERBALANCE** ..... for manifold 73807	2
24	30823GT	VALVE,DUAL CB MANIFOLD ..... for rotator 30947	1
24-	73807GT	MANIFOLD,ROTATOR,CB*** ..... for rotator 94397	1
25	8179GT	SCREW,HHC,1/4-20 X 2.25	2
26	1262634GT	BUSHING,POLYGON,BM5121	8
27	63213GT	CYLINDER,JIB (STICK BOOMS) ..... includes 4 each index number 26	1
27-	63353GT	SEAL KIT,CYL,S65 (63213)	1
27-	33428GT	VALVE,COUNTERBALANCE	1
28	81175GT	PIN,1.25DIAX14.45LG,2HOLE	2
29	63210GT	CYLINDER,SLAVE,3 X 11.38*** ..... includes 4 each index number 26	1
29-	63350GT	SEAL KIT,CYL (63210)	1
29-	43169GT	VALVE,COUNTERBALANCE*** ..... to SN 6165 (for blue cylinder)	2
29-	59267GT	VALVE,COUNTERBAL.CACG-LGN@3500 ..... to SN 6165 (for black cylinder)	2
29-	77303GT	VALVE, CNTRBAL 3500 PSI, ATM VEN ..... from SN 6166	2
30	T108075GT	PIN,1.25DIAX5.25LG,1HOLE	1
31	62267GT	VALVE,SOLENOID N/C (SHORT)***	1
31-	62273GT	COIL,GREEN W/ 2 PIN CONNECTOR*	1
31-	45912GT	NUT,SOLENOID VALVE 2P3W	1
31-	83005GT	VALVE, SOLENOID (73616)-SHORT	1

606.1 Jib Boom and Platform Rotator, S-45 models



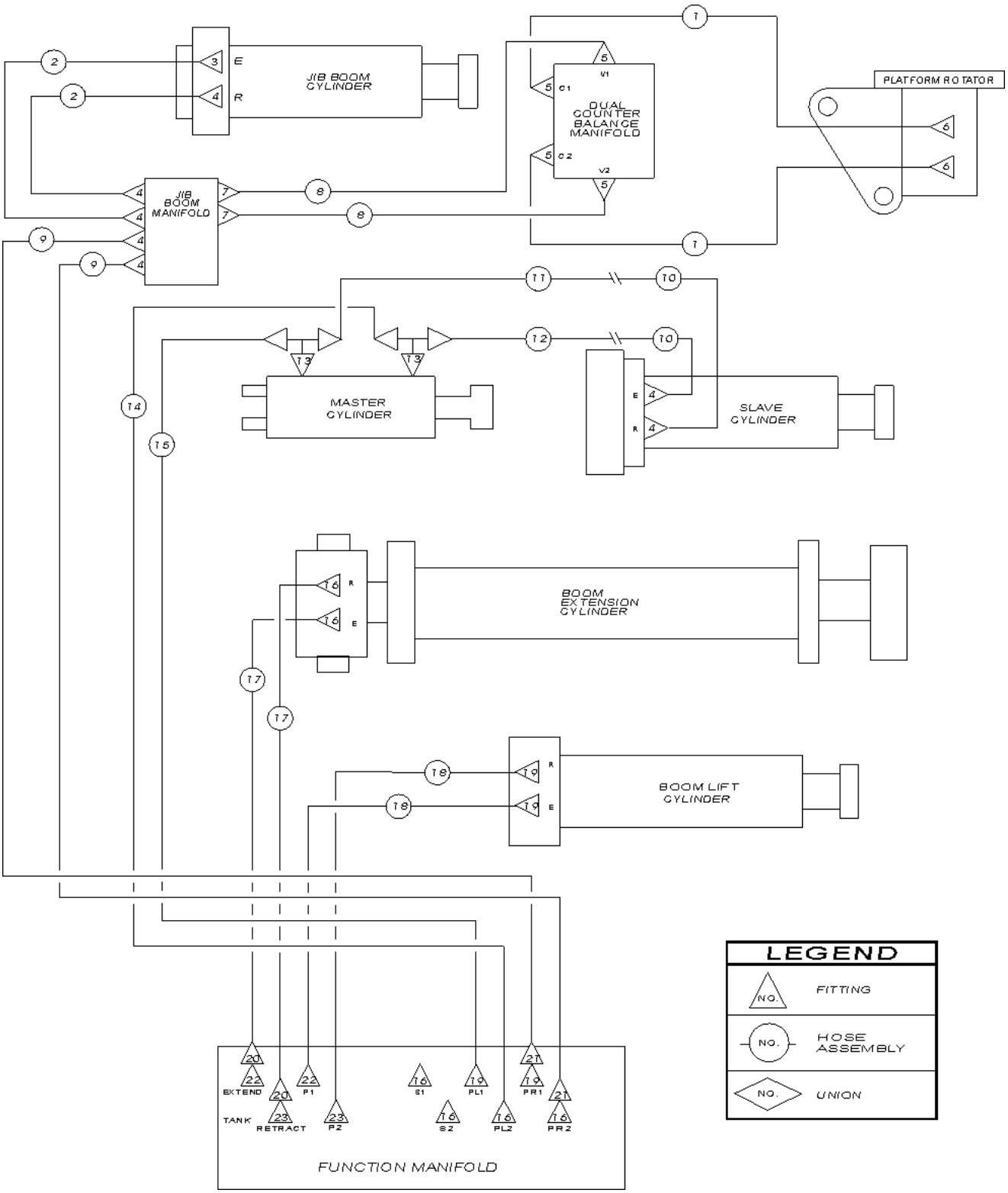
Item	Part No.	Description	Qty.
31-	81043GT	COIL,SOLENOID,8 DSD 10V,W/DIO*	1
31-	45912GT	NUT,SOLENOID VALVE 2P3W	1
31-	89312GT	SEAL KIT, SOLENOID VALVE	1
32	21604GT	SCREW,HHC,3/8-16 X 3.25	2
33	7713GT	NUT, LP NYLOCK, 3/8-16	2
34	62262GT	VALVE,SOLENOID N/O (LONG)***	2
34-	62273GT	COIL,GREEN W/ 2 PIN CONNECTOR*	2
34-	45912GT	NUT,SOLENOID VALVE 2P3W	2
34-	83006GT	VALVE, SOLENOID (73616)-LONG**	2
34-	81043GT	COIL,SOLENOID,8 DSD 10V,W/DIO*	2
34-	45912GT	NUT,SOLENOID VALVE 2P3W	2
34-	89312GT	SEAL KIT, SOLENOID VALVE	2
35	73616GT	MANIFOLD,JIB SELECT*** includes index numbers 31 and 34	1

607.1 Hydraulic Hoses and Fittings, S-40



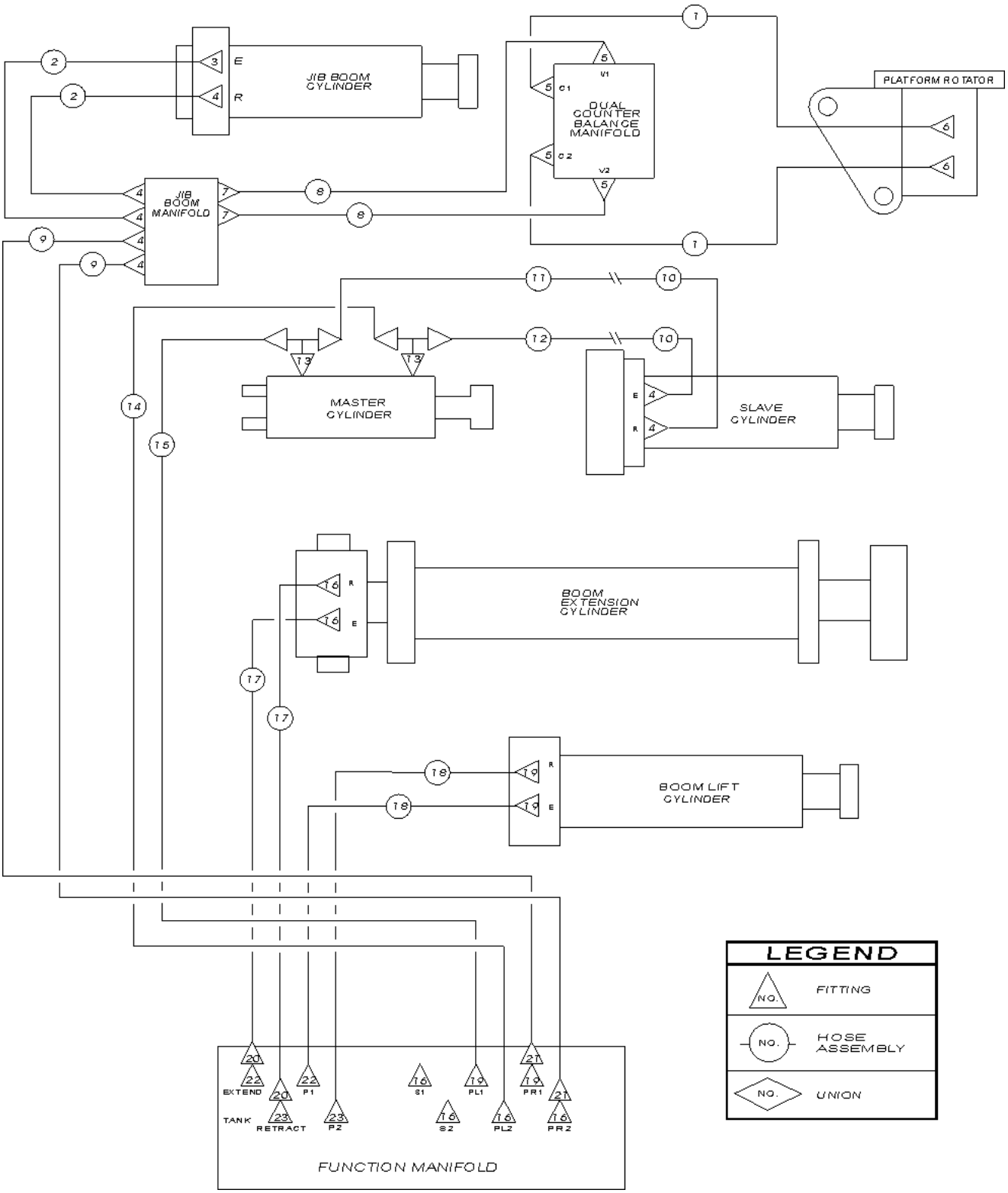
Item	Part No.	Description	Qty.
	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	49119-2678GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
2	48912GT	CONN,520120-4-6***	6
3	48911GT	ELBOW,90D,520220-4-6***	2
4	49119-3228GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
5	49120-49381GT	HOSE ASSEMBLY,1/4"	1
6	49121-4313GT	HOSE ASSEMBLY,1/4"	2
7	49120-50181GT	HOSE ASSEMBLY,1/4"	1
8	48919GT	TEE,BRANCH,520429-6	2
9	49122-10211GT	HOSE ASSEMBLY,1/4"	1
10	49122-9111GT	HOSE ASSEMBLY,1/4"	1
11	49163-57894GT	HOSE ASSEMBLY,1/4"	2
12	48916GT	CONN, 520120-6	6
13	49133-13640-SGT	HOSE ASSEMBLY,3/8"	2
14	48917GT	CONN,LONG,520122-6	4
15	49129-10275GT	HOSE ASSEMBLY,3/8"	2
16	48879GT	ELBOW,SWIVEL 90D, 520221-8	2
17	48892GT	ELBOW,SWIVEL 90D, 520221-6	2
18	48934GT	CONN,LONG,520122-8	2
19	48933GT	CONN,520120-8***	2

608.1 Hydraulic Hoses and Fittings, S-45



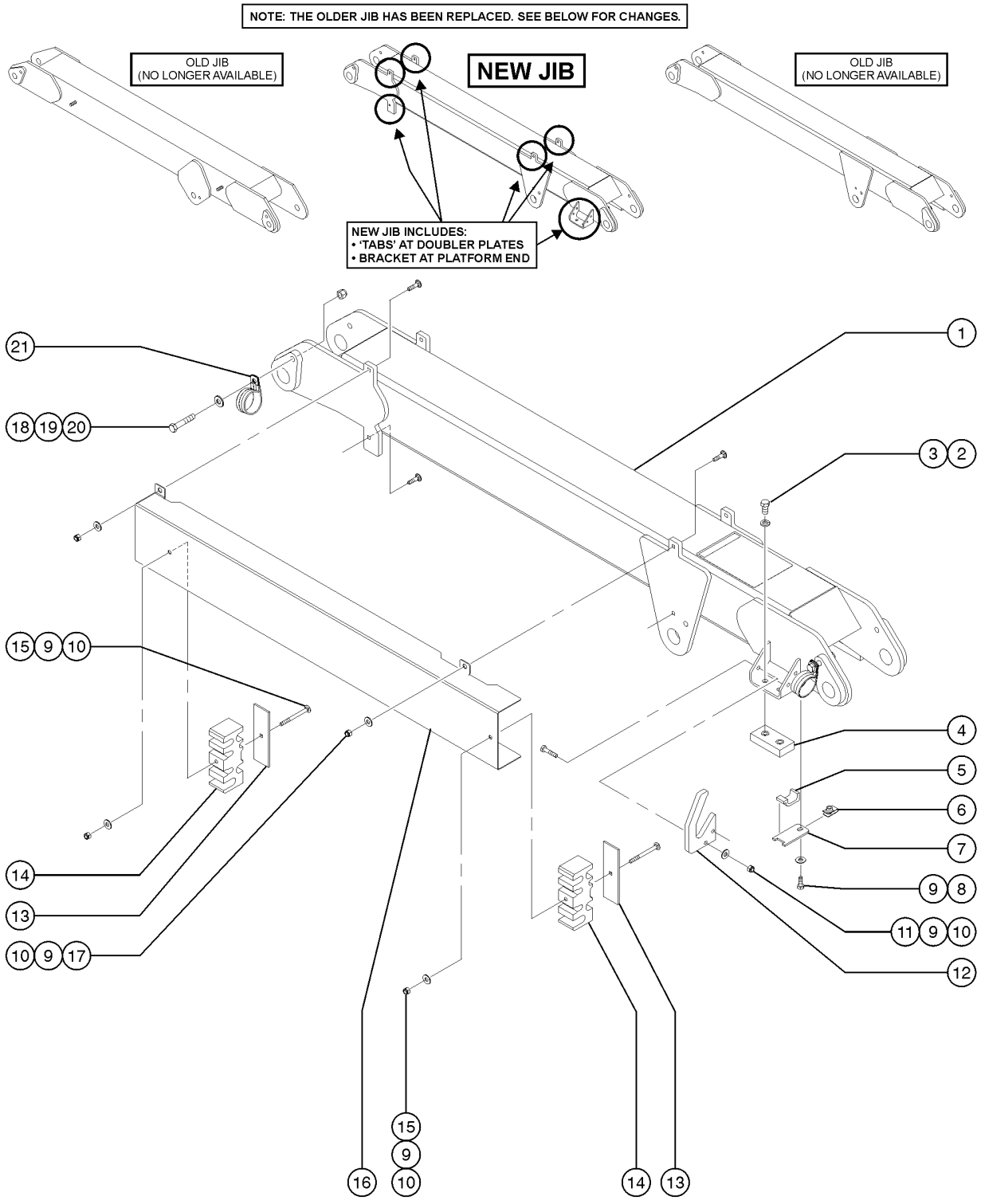
Item	Part No.	Description	Qty.
	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	49119-1778GT	ASSY, HOSE, HYD, -4, 3250, STR, STR	2
2	49117-8616GT	HOSE ASSY,1/4,90 FEM,STR FEM	2
3	48900GT	CONN,520120-4-6,.035,ORI	1
4	48912GT	CONN,520120-4-6***	7
5	48911GT	ELBOW,90D,520220-4-6***	4
6	48886GT	CONNECTOR,520120-4 SPEC.	2
7	48913GT	CONN,520120-12-16	2
8	49116-8662GT	HOSE ASSY,1/4,45 FEM,STR FEM	2
9	49119-68278GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
10	49121-4313GT	HOSE ASSEMBLY,1/4"	2
11	49120-49381GT	HOSE ASSEMBLY,1/4"	1
12	49120-50185-SGT	HOSE ASSEMBLY,1/4" FEM/FEM	1
13	48919GT	TEE,BRANCH,520429-6	2
14	49122-10211GT	HOSE ASSEMBLY,1/4"	1
15	49122-9111GT	HOSE ASSEMBLY,1/4"	1
16	48916GT	CONN, 520120-6	6
17	49133-13640-SGT	HOSE ASSEMBLY,3/8"	2
18	49129-10275GT	HOSE ASSEMBLY,3/8"	2
19	48917GT	CONN,LONG,520122-6	4
20	48879GT	ELBOW,SWIVEL 90D, 520221-8	2
21	48892GT	ELBOW,SWIVEL 90D, 520221-6	2
22	48934GT	CONN,LONG,520122-8	2

608.1 Hydraulic Hoses and Fittings, S-45



Item	*Part No.*	*Description*	*Qty.*
23	48933GT	CONN,520120-8***	2

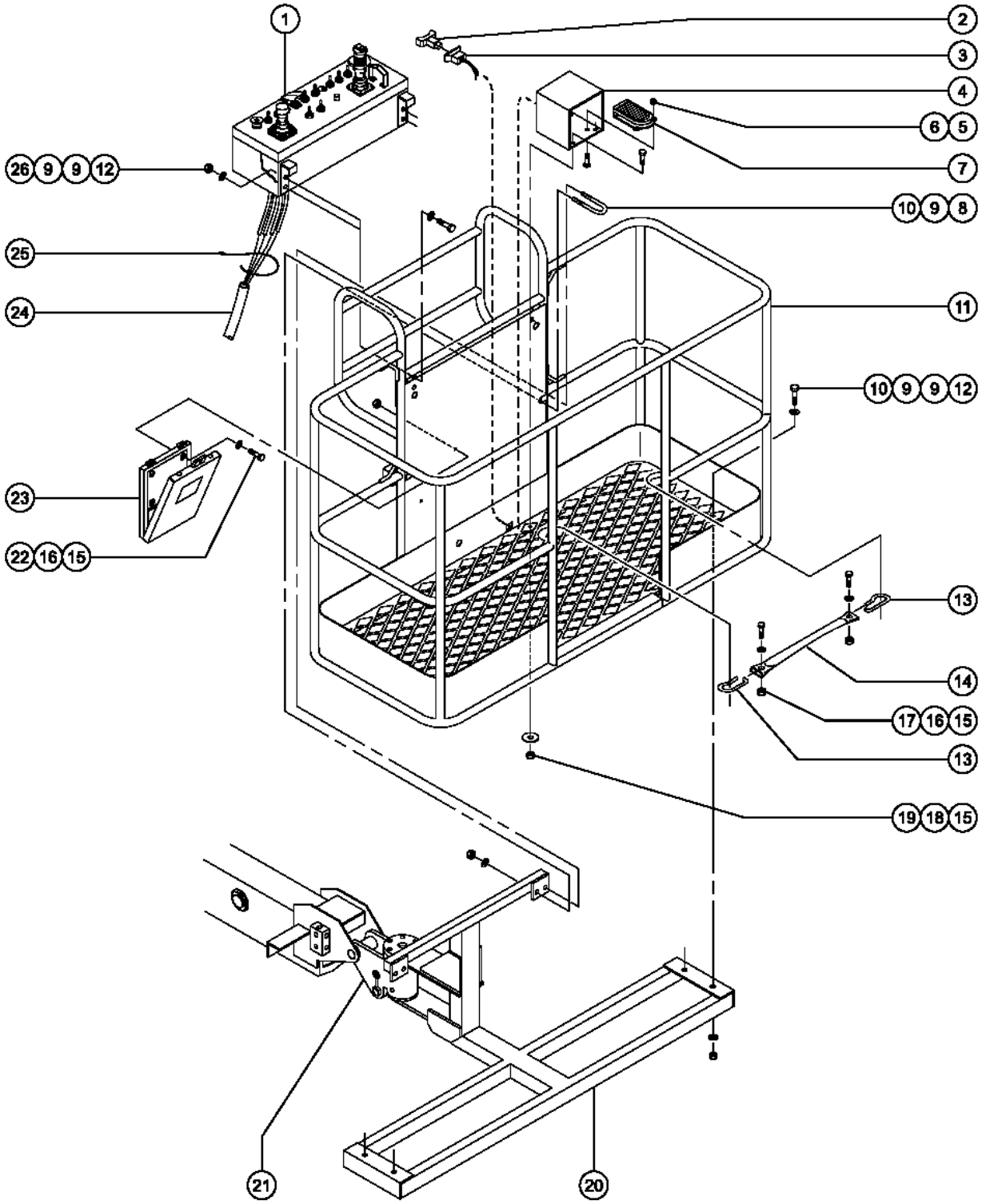
609.1 Jib Detail



609.1 Jib Detail

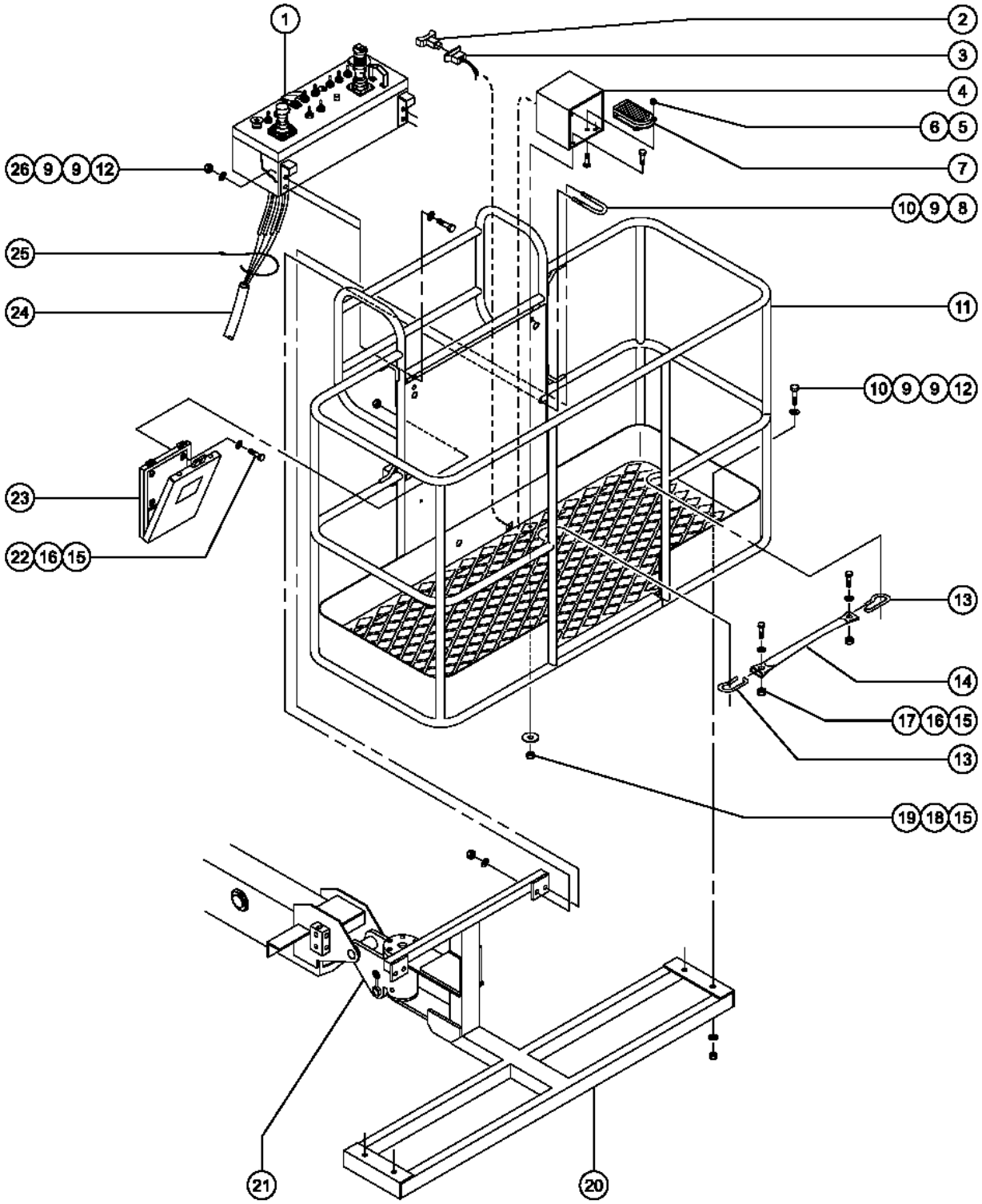
Item	Part No.	Description	Qty.
1	128513GT	SERVICE KIT,5FT JIB required for first time replacement (includes part number 128534)	
1-	128534GT	JIB BOOM ASSY W/WORD DECAL use ONLY if service kit 128513 has been installed on the machine	1
1-	128515GT	SERVICE KIT, 5FT JIB, ARCTIC Arctic option, required for first time replacement	
2	8255GT	SCREW,HHC,3/8-16 X .75	
3	6021GT	WASHER, LOCK, .375	
4	81640GT	WEAR PAD,3 X 1.5 X.625 W/NUTS	1
5	119542GT	CLAMP,TWO HOSE	1
6	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	1
7	119536PGT	BRACKET,HOSE CLAMP,PAINTED	1
8	6090GT	SCREW, HHC, 1/4-20 X .75	
9	6638GT	WASHER, FLAT, USS, 1/4"Y	
10	6091GT	NUT,NYLOCK,1/4-20	
11	8915GT	SCREW, HHC, 1/4-20 X 1.25	
12	128482GT	HOSE GUIDE, JIB	1
13	128483GT	BACKING PLATE, HOSE BLOCK, JIB	2
14	128501GT	CLAMP,JIB HOSE/CABLE	2
14-	128519GT	CLAMP,JIB HOSE/CABLE,ARCTIC (part of the Arctic hose option)	
15	128724GT	BOLT,CARRIAGE,1/4-20 X 2.75,G2	
16	128454PGT	COVER, JIB HOSES/CABLES	1
17	79456GT	BOLT,CARRIAGE,1/4-20 X 1.00,G2	
18	5224GT	SCREW,HHC,3/8-16 X 2	
19	5397GT	WASHER, FLAT, USS, 5/16-18	
20	4828GT	NUT, NYLOCK, 3/8-16	
21	77181GT	CLAMP,1.63,#26 X 3/8,RUB CUSH	2

701.1 Platform Installation (to SN 2653)



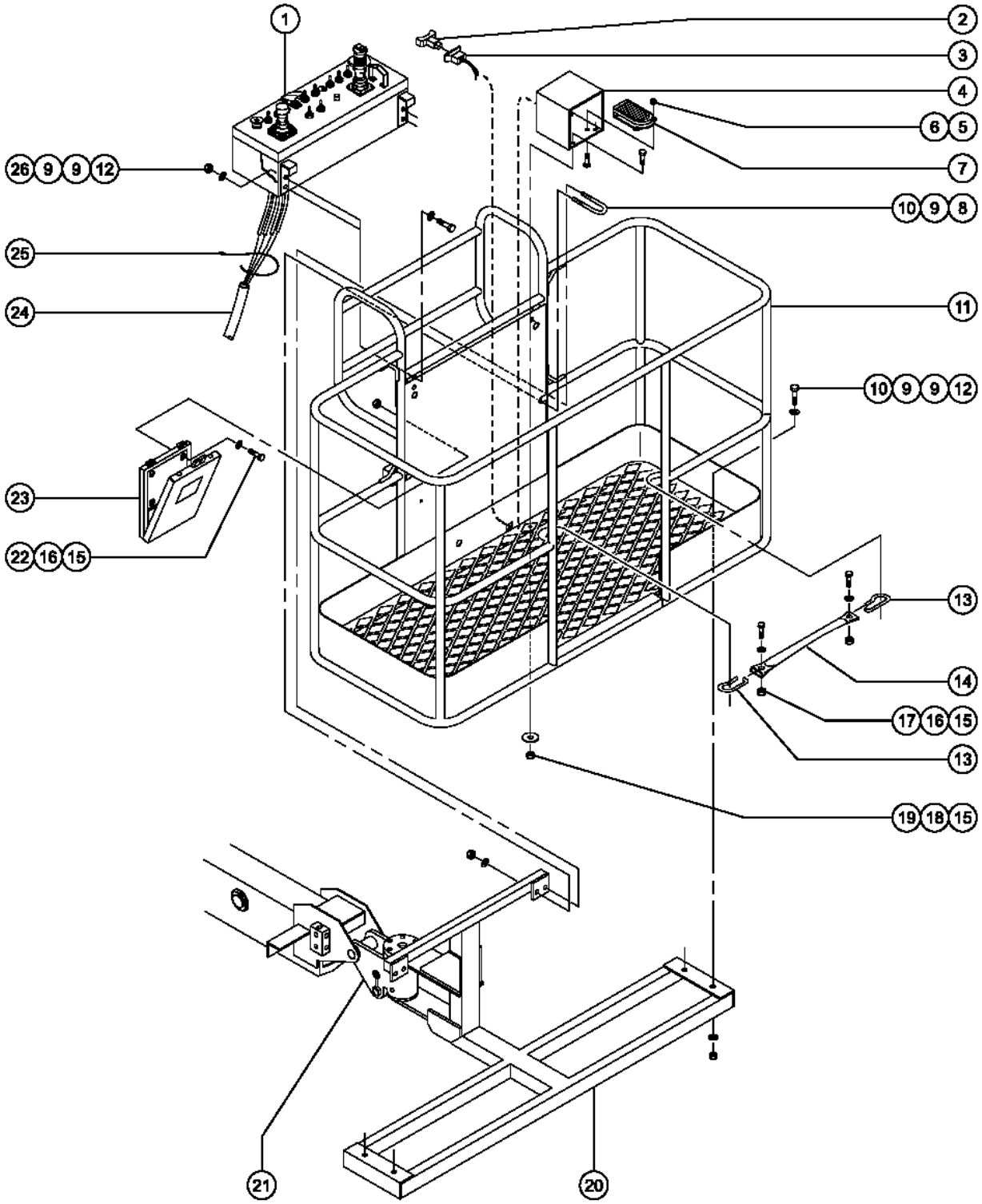
Item	Part No.	Description	Qty.
1	52402GT	PLAT.CNTRL.BOX COMPLETE-S40*	
2	32708GT	HARNESS ASSY, FOOTSWITCH	1
2-	45313GT	PLUG,W/LATCH,4 POLE,ANDERSON	1
2-	29350GT	TERMINAL,ANDERSON,15A 16-20GA	1
2-	22432GT	ANDERSON HOUSING,15-45 AMP BLK	1
2-	22433GT	ANDERSON HOUSING,15-45,AMP,WHT	1
2-	22434GT	ANDERSON HOUSING,15-45 AMP RED	1
2-	45200GT	SPACER,SHORT ANDERSON	1
2-	40610GT	TERMINAL,PIN	1
2-	43960GT	WIRE CABLE,16/4 CON.TPE JKT	60 inches
3	32709GT	CONNECTOR ASSY,FOOTSWITCH S40	1
3-	45139GT	RECEPT.,SNAP-IN,4 POLE ANDERSN	1
3-	29350GT	TERMINAL,ANDERSON,15A 16-20GA	1
3-	22432GT	ANDERSON HOUSING,15-45 AMP BLK	1
3-	22433GT	ANDERSON HOUSING,15-45,AMP,WHT	1
3-	22434GT	ANDERSON HOUSING,15-45 AMP RED	1
3-	45201GT	SPACER,LONG ANDERSON	1
3-	40610GT	TERMINAL,PIN	1
3-	43960GT	WIRE CABLE,16/4 CON.TPE JKT	8
4	32710GT	GUARD,FOOTSWITCH,W/DECAL STEEL	1
5	6178GT	NUT, NYLOCK, 10-32	4
6	17626GT	SCREW,FHM,10-32 X .75	4
7	13482GT	FOOT SWITCH*** includes mounting fasteners	1
7-	20262GT	MICROSWITCH,13482 FOOTSWITCH	1
8	6550GT	U-BOLT,3/8 X 1 YZ	2
9	5397GT	WASHER, FLAT, USS, 5/16-18	20
10	4828GT	NUT, NYLOCK, 3/8-16	8

701.1 Platform Installation (to SN 2653)



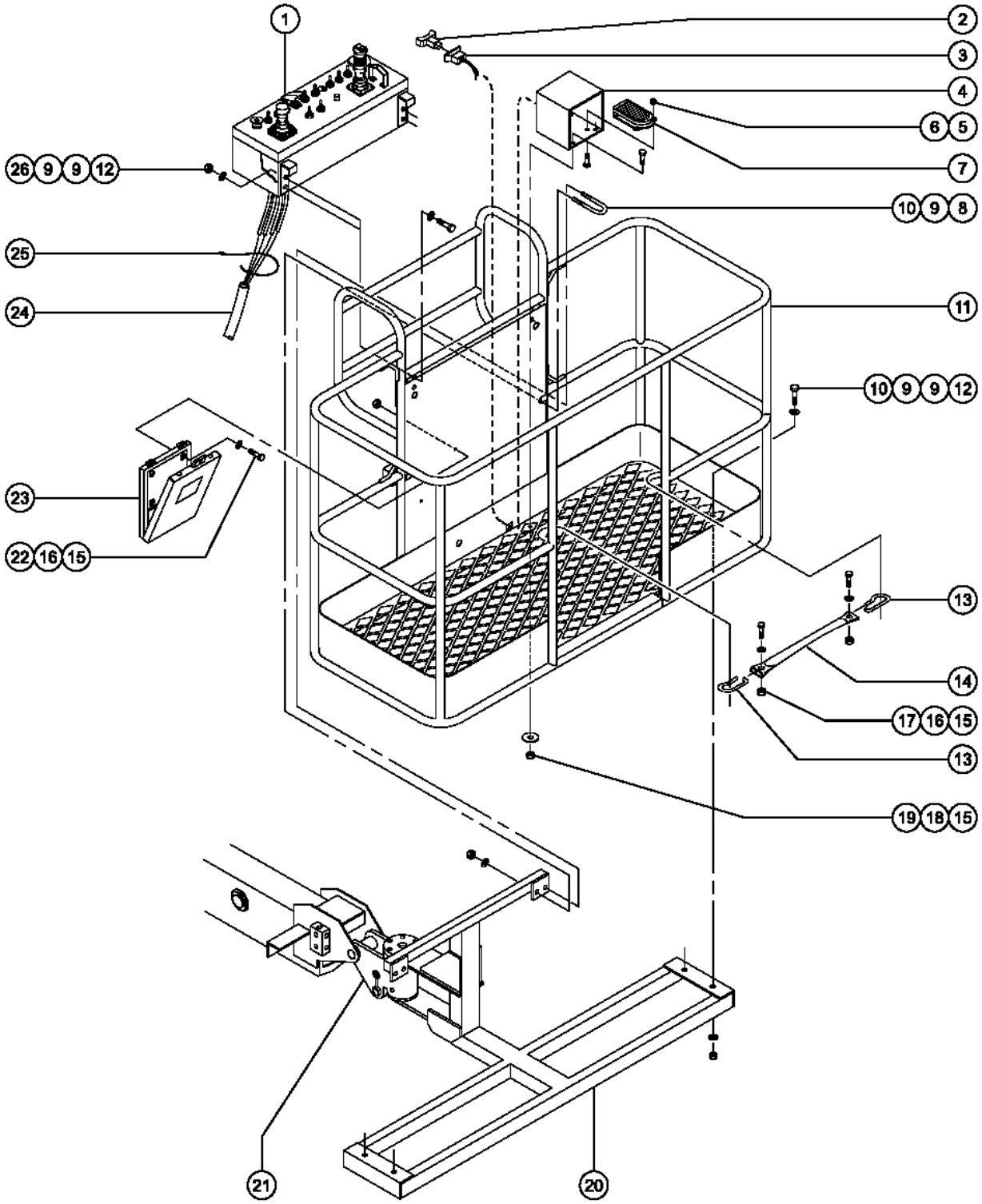
Item	Part No.	Description	Qty.
11	1272303GT	ASSY,6FT PLAT DUAL LG,BLANK Complete 6' platform assembly (North America, Australia markets). Order decals separately. Refer to Section 100.	1
11	1278858GT	6' PLATFORM W/SIDE SWING GATE KIT CE Complete 6' platform assembly (CE market). Order decals separately. Refer to Section 100.	
11-	52081GT	PLAT.ASSY,EURO,6 FT,S40/60/80 CE; includes index numbers 13 through 17, 22 and 23	1
11-	54817P-SGT	TOEBOARD,PLTFM ENTRY EUR,PNTD* CE Platform	1
11-	52083GT	PLAT.ASSY,EURO,8 FT,S40/60 CE; includes index numbers 13 through 17, 22 and 23	1
11-	1272304GT	ASSY,8FT PLAT TRI LG,BLANK	
11-	54817P-SGT	TOEBOARD,PLTFM ENTRY EUR,PNTD* CE Platform	1
12	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	12
13	12443GT	MIDRAIL GUIDE (HOOK)	2
14	102992GT	SLIDING MIDRAIL KIT,PTD includes 2 each index numbers 13, 15, 16 and 17	1
14-	139451GT	TUBE,SLIDING MIDRAIL,PAINTED	1
14-	20973GT	WIRE LOOM,3/8 POLY SLIT	1
14-	21121GT	CABLE TIE, 4" BLK, HEAT RESISTANT	1
15	6091GT	NUT,NYLOCK,1/4-20	10
16	6638GT	WASHER, FLAT, USS, 1/4"Y	14
17	8915GT	SCREW, HHC, 1/4-20 X 1.25	2
18	49693GT	WASHER,FENDER,.25X1.50X.074	2
19	6888GT	SCREW, HHC, 1/4-20 X 1	4
20	50144-SGT	PLATFORM SUPPORT WELDMENT***	1
21		Ref. Hydraulic Rotator - Platform (refer to Figure 605.1 or Figure 606.1)	1
22	6090GT	SCREW, HHC, 1/4-20 X .75	4
23	44743GT	MANUAL BOX W/DECALS***	1
24	28131GT	WIRE LOOM,1.25 DIA	66 inches
24-	28678GT	SLEEVE,NYLON,2"I.D.,BULK(100')	66 inches
25	28443GT	CABLE TIE, 11.5" BLACK	5
26	7713GT	NUT, LP NYLOCK, 3/8-16	4

701.2 Platform Installation (to SN 2653)



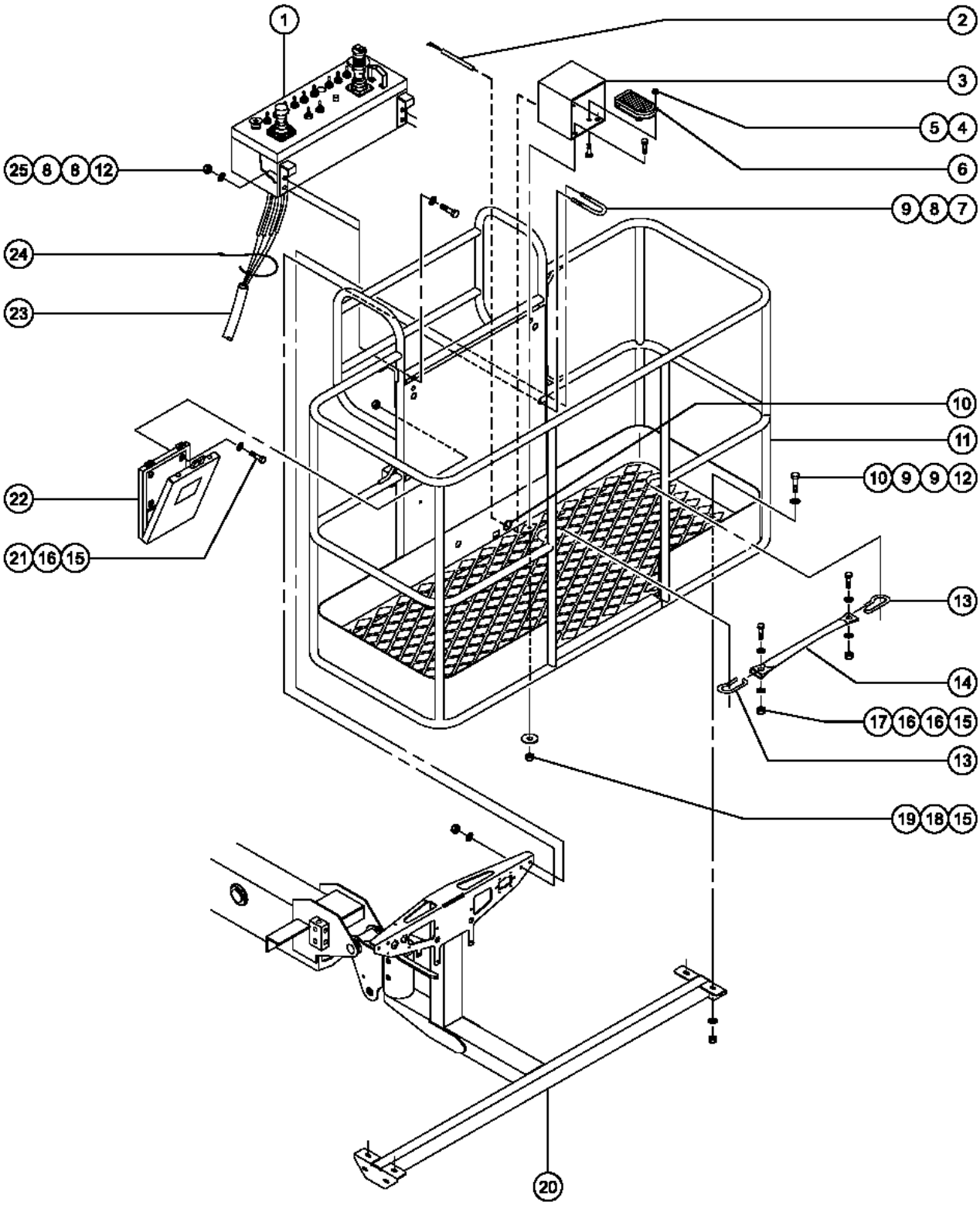
Item	Part No.	Description	Qty.
1	62083GT	PLAT.CNTRL.BOX COMPLETE-S45	
2	32708GT	HARNESS ASSY, FOOTSWITCH	1
2-	45313GT	PLUG,W/LATCH,4 POLE,ANDERSON	1
2-	29350GT	TERMINAL,ANDERSON,15A 16-20GA	1
2-	22432GT	ANDERSON HOUSING,15-45 AMP BLK	1
2-	22433GT	ANDERSON HOUSING,15-45,AMP,WHT	1
2-	22434GT	ANDERSON HOUSING,15-45 AMP RED	1
2-	45200GT	SPACER,SHORT ANDERSON	1
2-	40610GT	TERMINAL,PIN	1
2-	43960GT	WIRE CABLE,16/4 CON.TPE JKT	60 inches
3	32709GT	CONNECTOR ASSY,FOOTSWITCH S40	1
3-	45139GT	RECEPT.,SNAP-IN,4 POLE ANDERSN	1
3-	29350GT	TERMINAL,ANDERSON,15A 16-20GA	1
3-	22432GT	ANDERSON HOUSING,15-45 AMP BLK	1
3-	22433GT	ANDERSON HOUSING,15-45,AMP,WHT	1
3-	22434GT	ANDERSON HOUSING,15-45 AMP RED	1
3-	45201GT	SPACER,LONG ANDERSON	1 inches
3-	40610GT	TERMINAL,PIN	1
3-	43960GT	WIRE CABLE,16/4 CON.TPE JKT	8
4	32710GT	GUARD,FOOTSWITCH,W/DECAL STEEL	1
5	6178GT	NUT, NYLOCK, 10-32	4
6	17626GT	SCREW,FHM,10-32 X .75	4
7	13482GT	FOOT SWITCH*** includes mounting fasteners; to SN 2653	1
7-	20262GT	MICROSWITCH,13482 FOOTSWITCH	1
8	6550GT	U-BOLT,3/8 X 1 YZ	2
9	5397GT	WASHER, FLAT, USS, 5/16-18	20
10	4828GT	NUT, NYLOCK, 3/8-16	8

701.2 Platform Installation (to SN 2653)



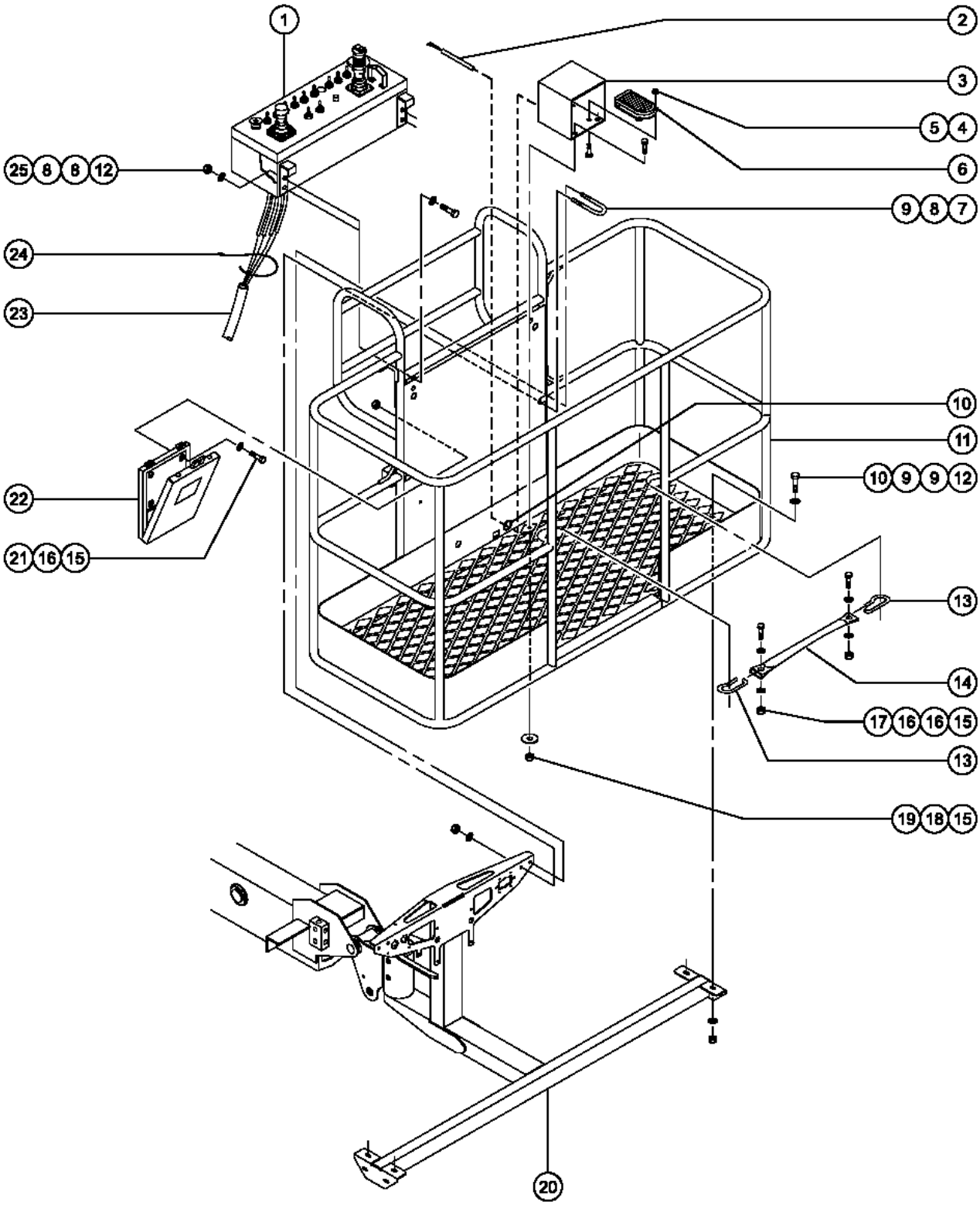
Item	Part No.	Description	Qty.
11	1272303GT	ASSY,6FT PLAT DUAL LG,BLANK Complete 6' platform assembly (North America, Australia markets). Order decals separately. Refer to Section 100.	1
	1278858GT	6' PLATFORM W/SIDE SWING GATE KIT CE Complete 6' platform assembly (CE market). Order decals separately. Refer to Section 100.	
11-	52081GT	PLAT.ASSY,EURO,6 FT,S40/60/80 CE; includes index numbers 13 through 17, 22 and 23	1
11-	54817P-SGT	TOEBOARD,PLTFM ENTRY EUR,PNTD* CE Platform	1
11-	1272304GT	ASSY,8FT PLAT TRI LG,BLANK	
11-	52083GT	PLAT.ASSY,EURO,8 FT,S40/60 CE; includes index numbers 13 through 17, 22 and 23	1
11-	54817P-SGT	TOEBOARD,PLTFM ENTRY EUR,PNTD* CE Platform	1
12	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	12
13	12443GT	MIDRAIL GUIDE (HOOK)	2
14	102992GT	SLIDING MIDRAIL KIT,PTD includes 2 each index numbers 13, 15, 16 and 17	1
14-	139451GT	TUBE,SLIDING MIDRAIL,PAINTED	1
14-	20973GT	WIRE LOOM,3/8 POLY SLIT	1
14-	21121GT	CABLE TIE, 4" BLK, HEAT RESISTANT	1
15	6091GT	NUT,NYLOCK,1/4-20	10
16	6638GT	WASHER, FLAT, USS, 1/4"Y	14
17	8915GT	SCREW, HHC, 1/4-20 X 1.25	2
18	49693GT	WASHER,FENDER,.25X1.50X.074	2
19	6888GT	SCREW, HHC, 1/4-20 X 1	4
20	50144-SGT	PLATFORM SUPPORT WELDMENT***	1
21		Ref. Hydraulic Rotator - Platform (refer to Figure 605.1 or Figure 606.1)	1
22	6090GT	SCREW, HHC, 1/4-20 X .75	4
23	44743GT	MANUAL BOX W/DECALS***	1
24	28131GT	WIRE LOOM,1.25 DIA	66 inches
24-	28678GT	SLEEVE,NYLON,2"I.D.,BULK(100')	66 inches
25	28443GT	CABLE TIE, 11.5" BLACK	5
26	7713GT	NUT, LP NYLOCK, 3/8-16	4

702.1 Platform Installation (from SN 2654)



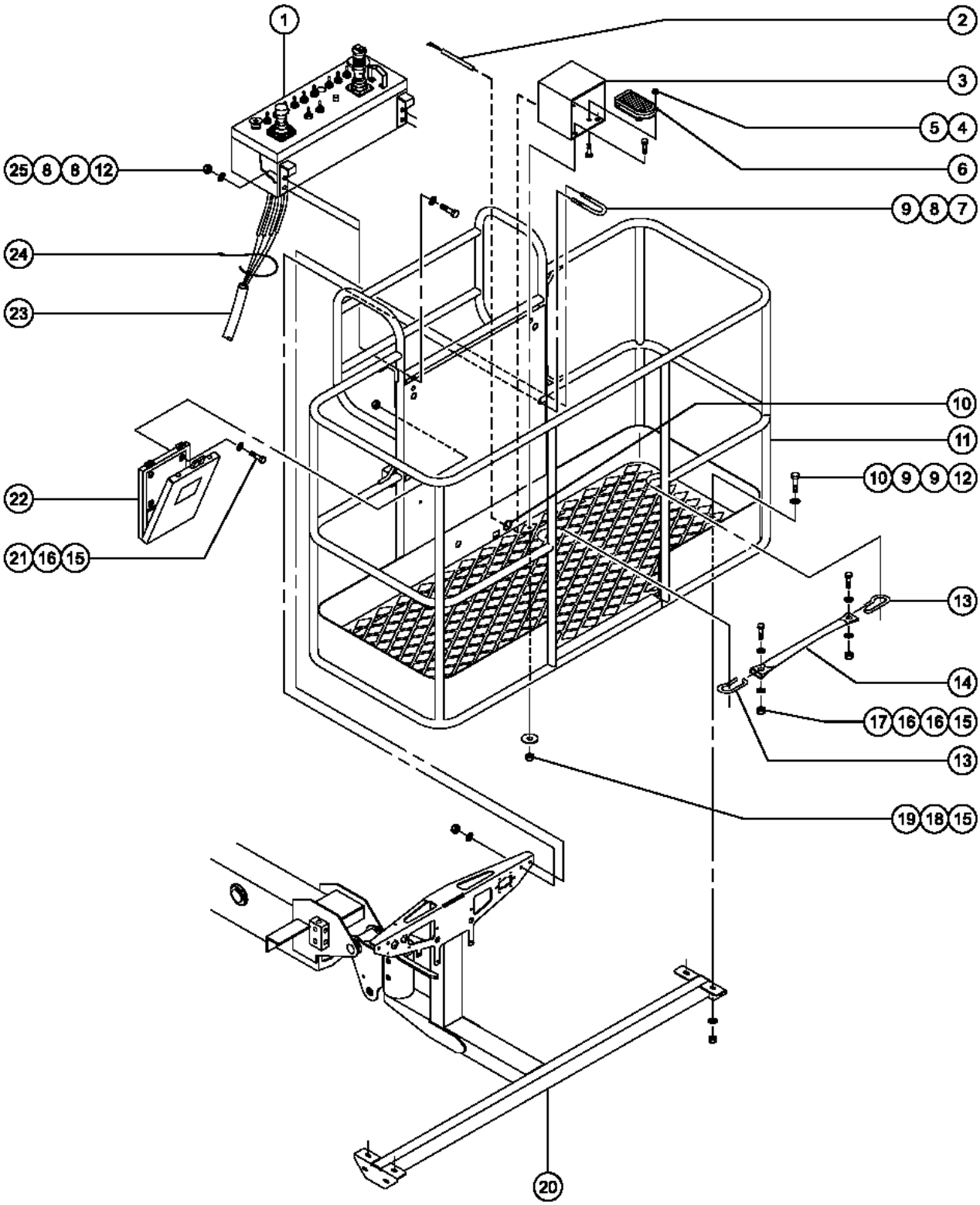
Item	Part No.	Description	Qty.
1	52402GT	PLAT.CNTRL.BOX COMPLETE-S40*	
2	43960GT	WIRE CABLE,16/4 CON.TPE JKT	60 inches
3	32710GT	GUARD,FOOTSWITCH,W/DECAL STEEL	1
4	6178GT	NUT, NYLOCK, 10-32	4
5	17626GT	SCREW,FHM,10-32 X .75	4
6	13482GT	FOOT SWITCH*** includes mounting fasteners	1
6-	20262GT	MICROSWITCH,13482 FOOTSWITCH	1
7	6550GT	U-BOLT,3/8 X 1 YZ	2
8	5397GT	WASHER, FLAT, USS, 5/16-18	20
9	4828GT	NUT, NYLOCK, 3/8-16	8
10	229768GT	GROMMET,RUBBER,1.0X0.094X1.375	1
11	1272303GT	ASSY,6FT PLAT DUAL LG,BLANK Complete 6' platform assembly (North America, Australia markets). Order decals separately. Refer to Section 100.	1
	1278858GT	6' PLATFORM W/SIDE SWING GATE KIT CE Complete 6' platform assembly (CE market). Order decals separately. Refer to Section 100.	
11-	52081GT	PLAT.ASSY,EURO,6 FT,S40/60/80 CE; includes index numbers 13 through 17, 21 and 22	1
11-	54817P-SGT	TOEBOARD,PLTFM ENTRY EUR,PNTD* CE Platform	1
11-	1272304GT	ASSY,8FT PLAT TRI LG,BLANK	
11-	52083GT	PLAT.ASSY,EURO,8 FT,S40/60 CE; includes index numbers 13 through 17, 21 and 22	1
11-	54817P-SGT	TOEBOARD,PLTFM ENTRY EUR,PNTD* CE Platform	1
12	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	12
13	12443GT	MIDRAIL GUIDE (HOOK)	2
14	102992GT	SLIDING MIDRAIL KIT,PTD includes 2 each index numbers 13, 15, 16 and 17	1
14-	139451GT	TUBE,SLIDING MIDRAIL,PAINTED	1
14-	20973GT	WIRE LOOM,3/8 POLY SLIT	1
14-	21121GT	CABLE TIE, 4" BLK, HEAT RESISTANT	1
15	6091GT	NUT,NYLOCK,1/4-20	10
16	6638GT	WASHER, FLAT, USS, 1/4"Y	14
17	8915GT	SCREW, HHC, 1/4-20 X 1.25	2

702.1 Platform Installation (from SN 2654)



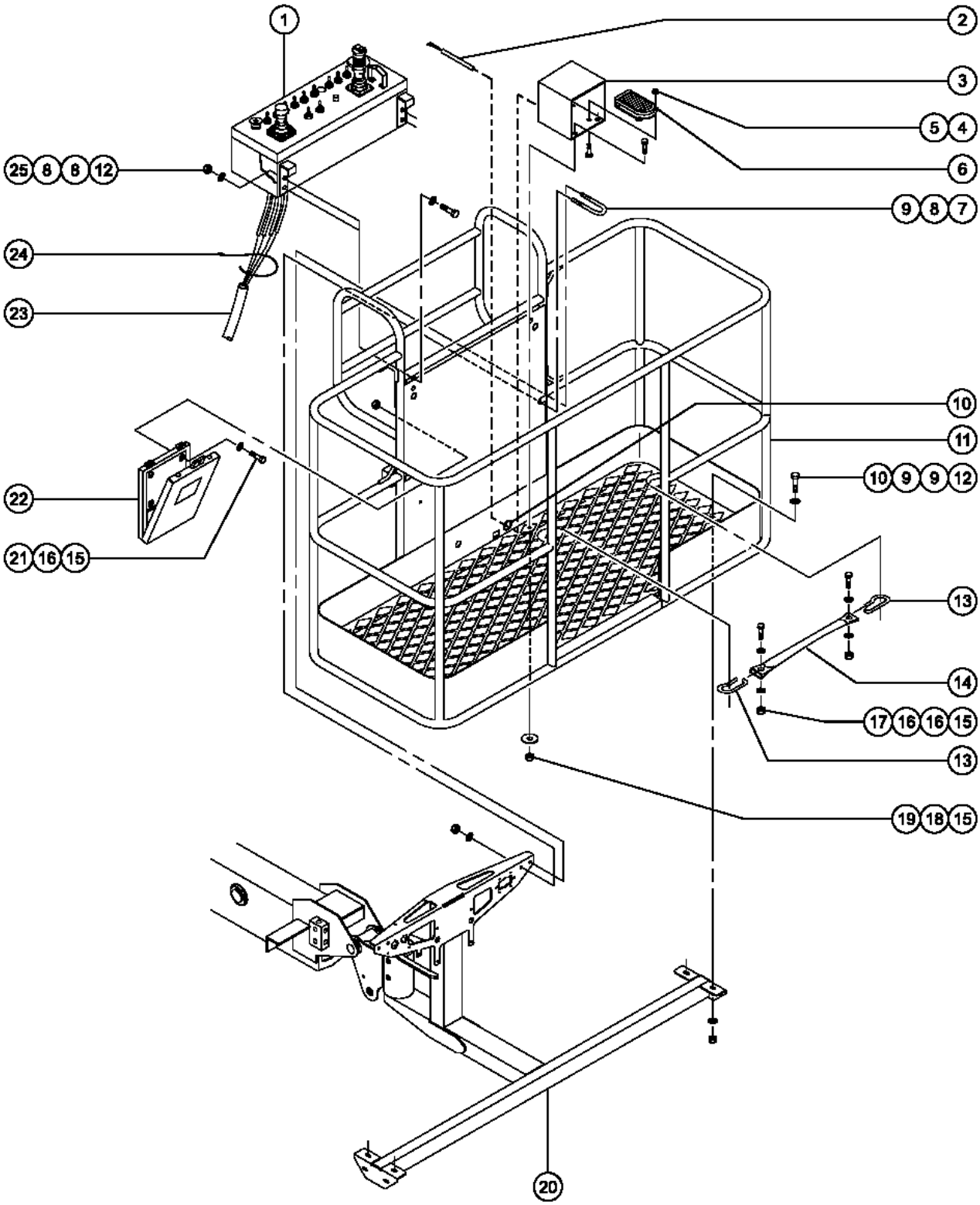
Item	*Part No.*	*Description*	*Qty.*
18	49693GT	WASHER,FENDER,.25X1.50X.074	2
19	6888GT	SCREW, HHC, 1/4-20 X 1	4
20	50144-SGT	PLATFORM SUPPORT WELDMENT*** from SN 2654 to 5277	1
20-	60370-SGT	PLATFORM SUPPORT WELDMNT-SERV* from SN 5278	1
21	6090GT	SCREW, HHC, 1/4-20 X .75	4
22	44743GT	MANUAL BOX W/DECALS***	1
23	28131GT	WIRE LOOM,1.25 DIA	66 inches
23-	28678GT	SLEEVE,NYLON,2"I.D.,BULK(100')	66 inches
24	28443GT	CABLE TIE, 11.5" BLACK	5
25	7713GT	NUT, LP NYLOCK, 3/8-16	4

702.2 Platform Installation (from SN 2654)



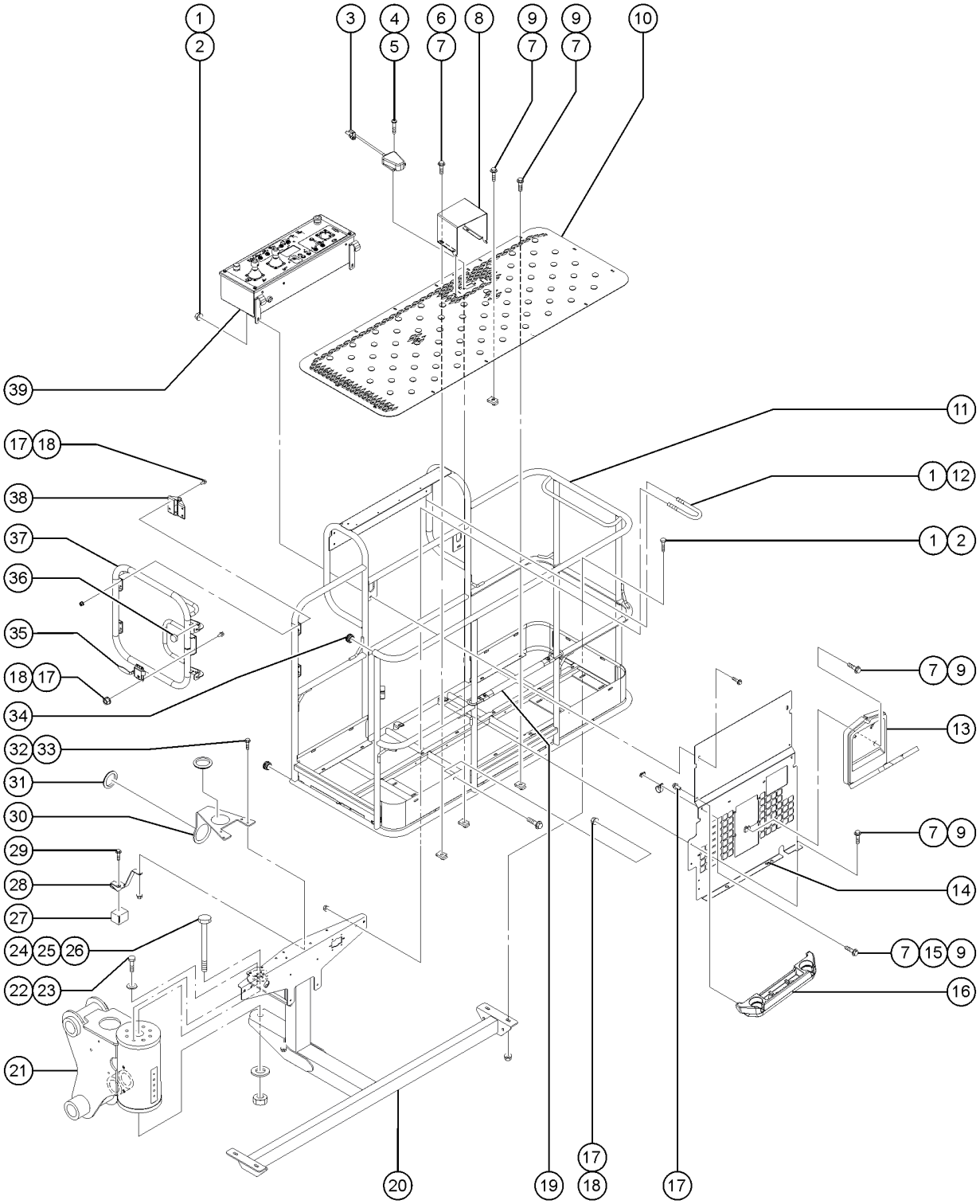
Item	Part No.	Description	Qty.
1	62083GT	PLAT.CNTRL.BOX COMPLETE-S45	
2	43960GT	WIRE CABLE,16/4 CON.TPE JKT	60 inches
3	32710GT	GUARD,FOOTSWITCH,W/DECAL STEEL	1
4	6178GT	NUT, NYLOCK, 10-32	4
5	17626GT	SCREW,FHM,10-32 X .75	4
6	13482GT	FOOT SWITCH*** includes mounting fasteners	1
6-	20262GT	MICROSWITCH,13482 FOOTSWITCH	1
7	6550GT	U-BOLT,3/8 X 1 YZ	2
8	5397GT	WASHER, FLAT, USS, 5/16-18	20
9	4828GT	NUT, NYLOCK, 3/8-16	8
10	229768GT	GROMMET,RUBBER,1.0X0.094X1.375	1
11	1272303GT	ASSY,6FT PLAT DUAL LG,BLANK Complete 6' platform assembly (North America, Australia markets). Order decals separately. Refer to Section 100.	1
11	1278858GT	6' PLATFORM W/SIDE SWING GATE KIT CE Complete 6' platform assembly (CE market). Order decals separately. Refer to Section 100.	
11-	52081GT	PLAT.ASSY,EURO,6 FT,S40/60/80 CE; includes index numbers 13 through 17, 21 and 22	1
11-	54817P-SGT	TOEBOARD,PLTFM ENTRY EUR,PNTD* CE Platform	1
11-	1272304GT	ASSY,8FT PLAT TRI LG,BLANK	
11-	52083GT	PLAT.ASSY,EURO,8 FT,S40/60 CE; includes index numbers 13 through 17, 21 and 22	1
11-	54817P-SGT	TOEBOARD,PLTFM ENTRY EUR,PNTD* CE Platform	1
12	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	12
13	12443GT	MIDRAIL GUIDE (HOOK)	2
14	102992GT	SLIDING MIDRAIL KIT,PTD includes 2 each index numbers 13, 15, 16 and 17	1
14-	139451GT	TUBE,SLIDING MIDRAIL,PAINTED	1
14-	20973GT	WIRE LOOM,3/8 POLY SLIT	1
14-	21121GT	CABLE TIE, 4" BLK, HEAT RESISTANT	1
15	6091GT	NUT,NYLOCK,1/4-20	10
16	6638GT	WASHER, FLAT, USS, 1/4"Y	14
17	8915GT	SCREW, HHC, 1/4-20 X 1.25	2

702.2 Platform Installation (from SN 2654)



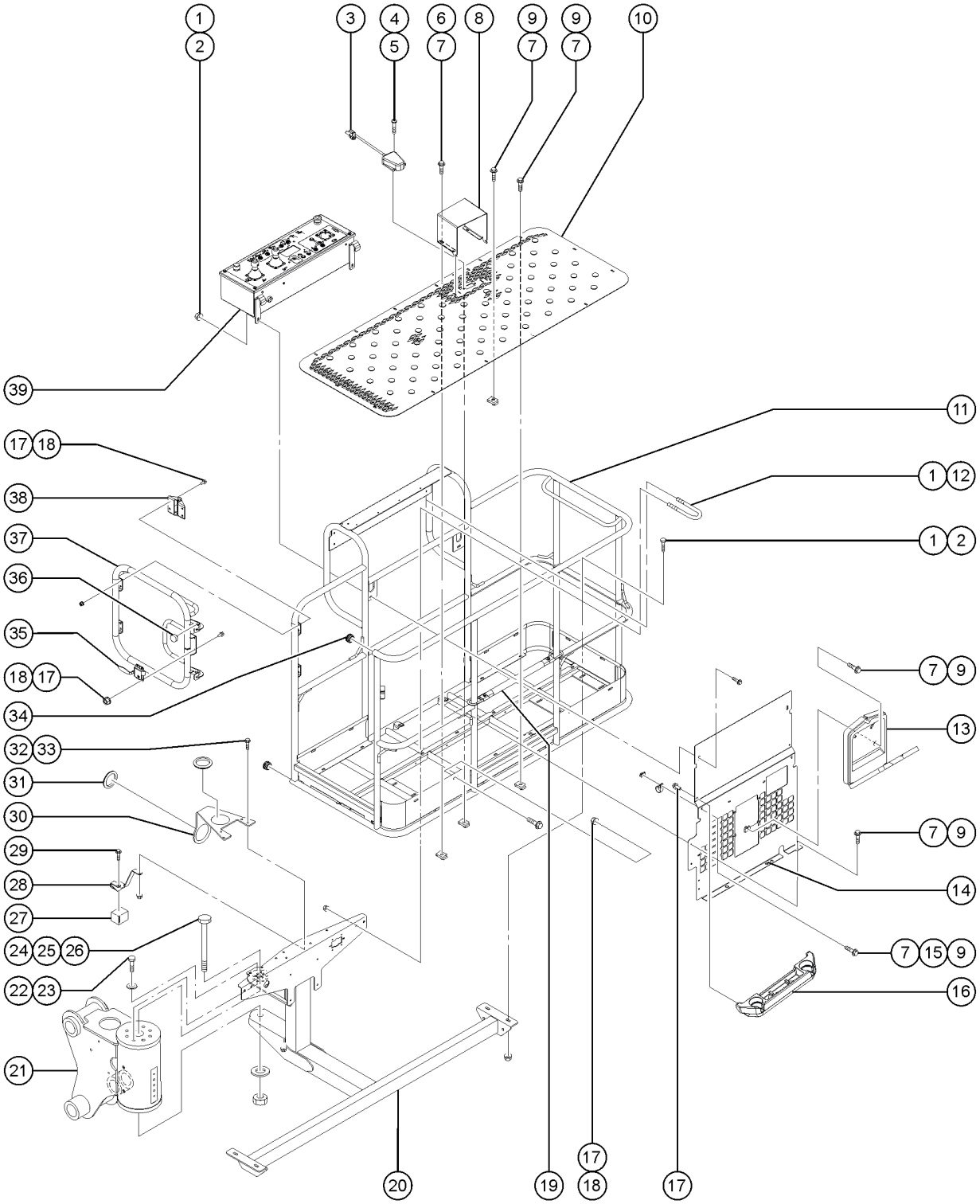
Item	Part No.	Description	Qty.
18	49693GT	WASHER,FENDER,.25X1.50X.074	2
19	6888GT	SCREW, HHC, 1/4-20 X 1	4
20	50144-SGT	PLATFORM SUPPORT WELDMENT*** from SN 2654 to 5277	1
20-	60370-SGT	PLATFORM SUPPORT WELDMNT-SERV* from SN 5278	1
21	6090GT	SCREW, HHC, 1/4-20 X .75	4
22	44743GT	MANUAL BOX W/DECALS***	1
23	28131GT	WIRE LOOM,1.25 DIA	66 inches
23-	28678GT	SLEEVE,NYLON,2"I.D.,BULK(100')	66 inches
24	28443GT	CABLE TIE, 11.5" BLACK	5
25	7713GT	NUT, LP NYLOCK, 3/8-16	4

702.3 Platform Components



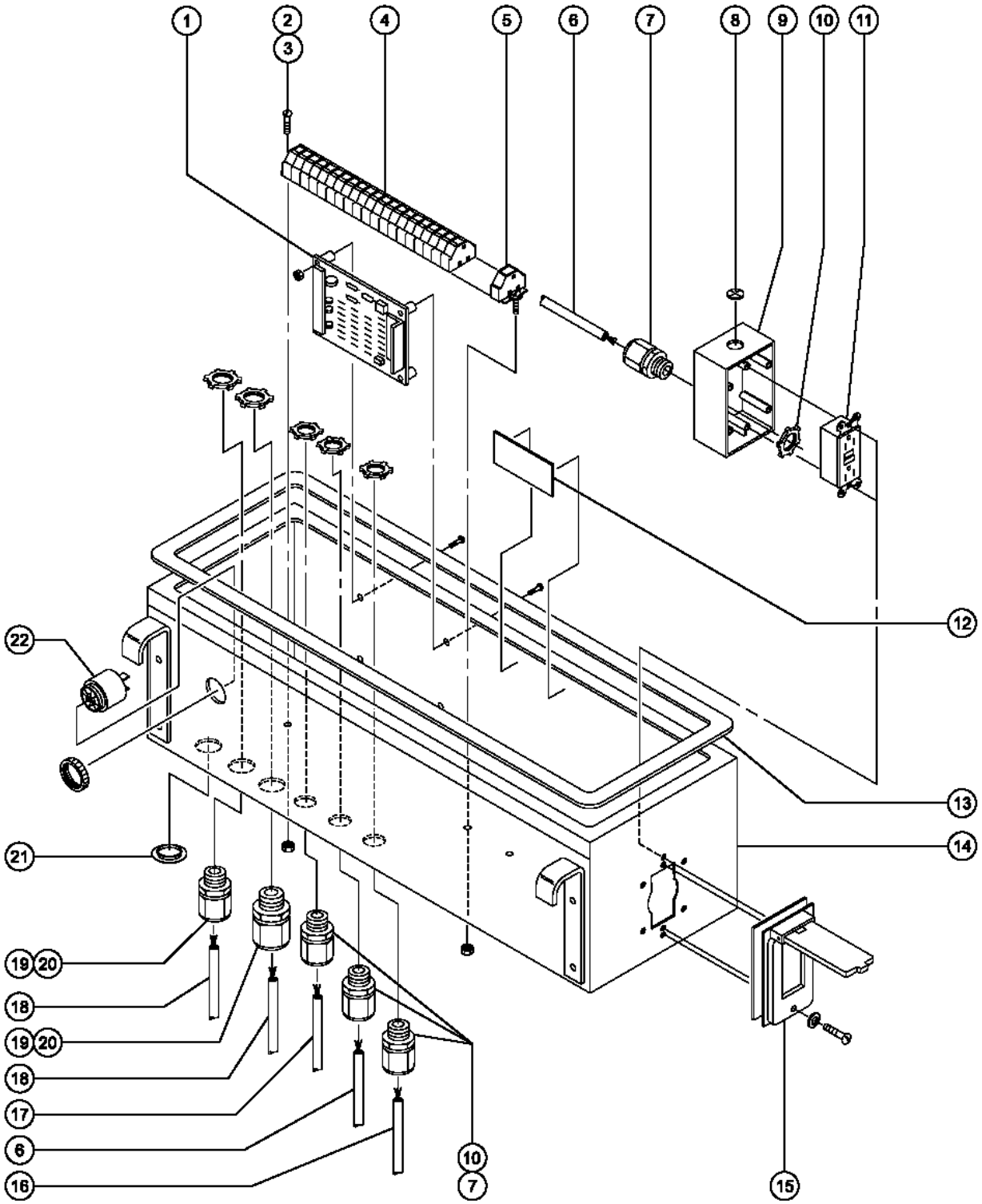
Item	Part No.	Description	Qty.
1	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	10
2	824091GT	SCREW, HHF, 3/8-16 X 1.25, 8, ZAG	6
3	227617GT	ASSEMBLY,FOOT SWITCH	1
3-	119058GT	CONN PLUG 4 WAY ENDCAP DT	
3-	1257248GT	SCREW, SHC, M4-0.7X8, DIN912,	
3-	1257249GT	WASHER, LOCK, M4, SS	
3-	227564GT	FOOT SWITCH,20A IP65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

702.3 Platform Components



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

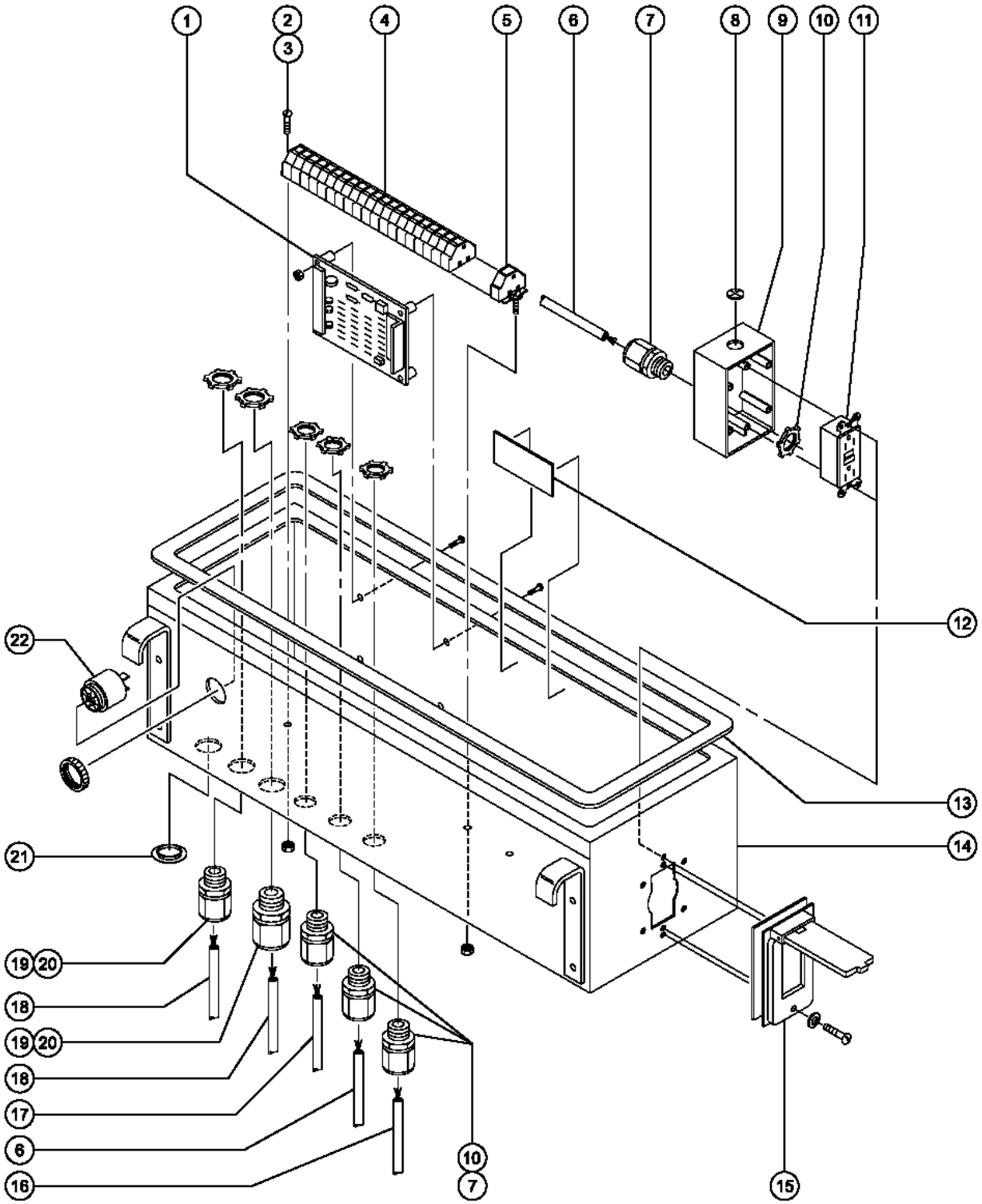
703.1 Platform Controls - View 1



703.1 Platform Controls - View 1

Item	Part No.	Description	Qty.
	52402GT	PLAT.CNTRL.BOX COMPLETE-S40*	
1		LIMITER PC BOARD, HORSEPOWER (includes mounting fasteners), no longer available	1
1-	39591GT	SPACER,NYLON,.375 sold separately	
2	45546GT	SCREW,RHM,6-32 X .5	2
3	12344GT	NUT,NYLOCK,6-32	2
4	32637GT	TERMINAL BLOCK,WAGO	43
4-	32638GT	TERMINAL BLOCK,WAGO	2
5	32639GT	END PLATE,WAGO	1
6	30794GT	WIRE,12/3 SJEOW,BK-WH-GR/YL	696 inches
7	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	4
8	8843GT	COVER,KNOCK OUT HOLE,4 PER BAG	1
9	10775GT	T-BOX, 2.75 X 4.5 X 2.0**	1
10	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	4
11	13585GT	OUTLET, 110V North America	1
11-	35003GT	RECEPTACLE, BRITISH, 110V	1
12	30997GT	CORROSION INHIBITOR,FOAM	1
13	27115GT	GASKET,UPPER CONTROL BOX	1
14	52365GT	CONTROL BOX W/LID & DECAL includes index numbers 12, 13 and threaded inserts	1
14-	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD	1
15	45437GT	COVER,GFCI,WEATHERPROOF includes mounting fasteners	1
15-	33629GT	PLATE,UK POWER TO PLATFORM British	1
15-	33724GT	KIT,GASKET,UK POWER TO PLAT British	1
16	43960GT	WIRE CABLE,16/4 CON.TPE JKT	60 inches
17	43955GT	WIRE CABLE,12/3 CON.TPE JKT	720 inches
18	48533GT	WIRE CABLE,18GA/19 CON.BNDREX S-40	696 inches

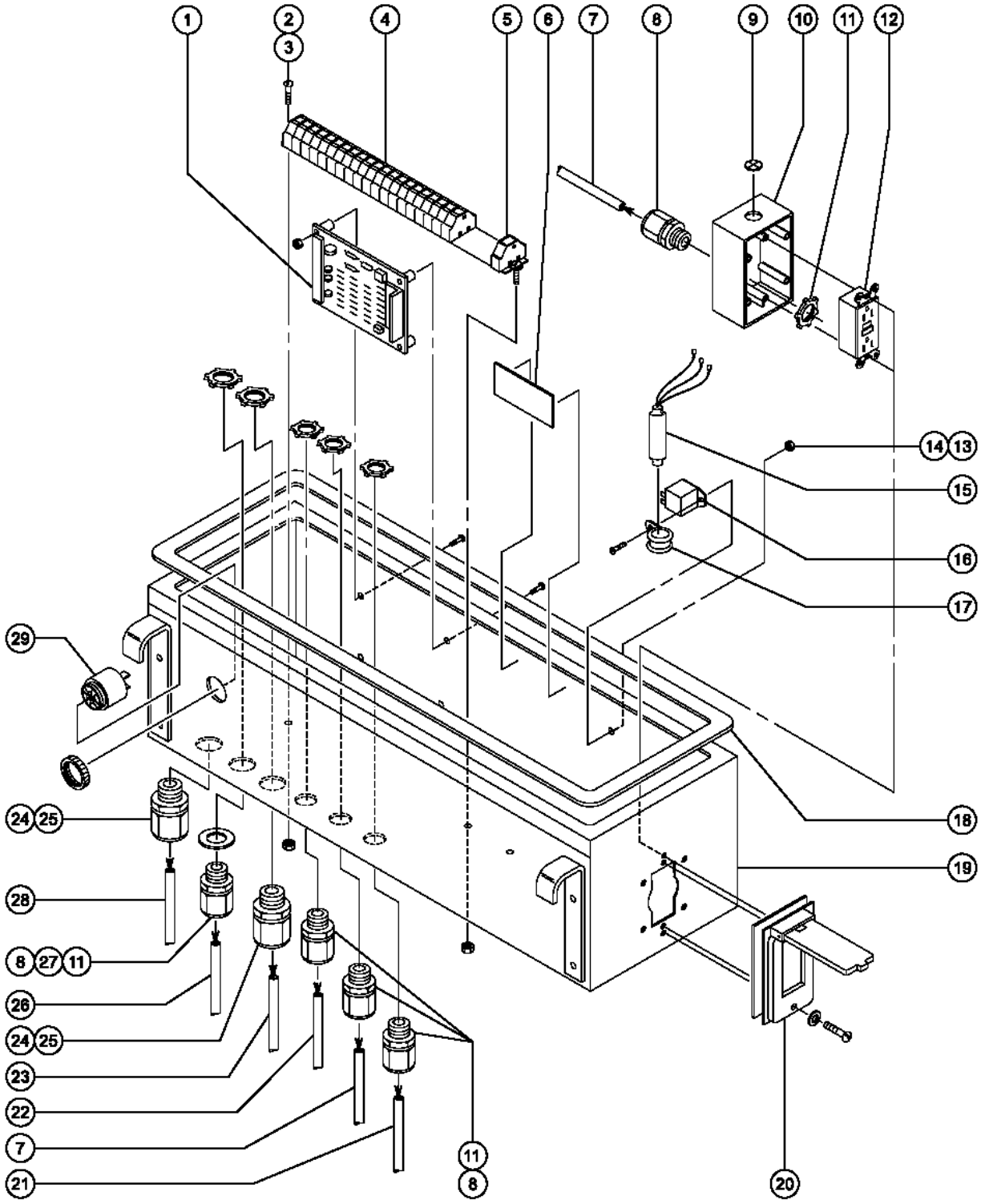
703.1 Platform Controls - View 1



703.1 Platform Controls - View 1

Item	Part No.	Description	Qty.
19	12960GT	CABLE SQUEEZE CONN.,XTRA LRG	2
20	14041GT	LOCKNUT,ELECTRIC,3/4"	2
21	45385GT	PLUG,NYLON 1.12 BLACK DOMED	1
22	45383GT	ALARM,WARBLE TONE 5-30 VDC*** Does not include 72326 nut	1
22-	72326GT	NUT - PLASTIC, RING FOR ALARMS	1

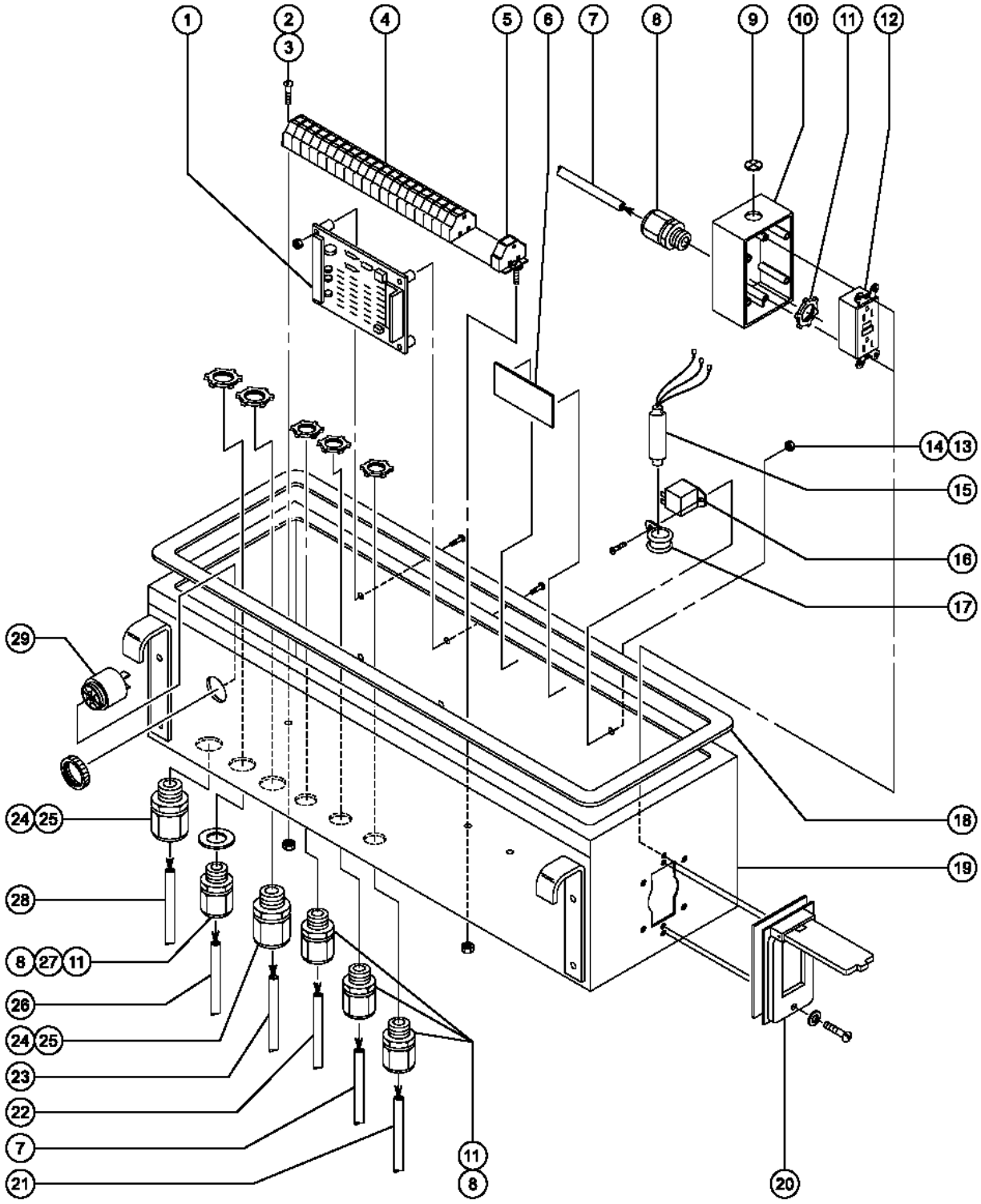
704.1 Platform Controls - View 1



704.1 Platform Controls - View 1

Item	Part No.	Description	Qty.
	62083GT	PLAT.CNTRL.BOX COMPLETE-S45	
1		LIMITER PC BOARD, HORSEPOWER (includes mounting fasteners), no longer available	1
1-	39591GT	SPACER,NYLON,.375 sold separately	
2	45546GT	SCREW,RHM,6-32 X .5	2
3	12344GT	NUT,NYLOCK,6-32	2
4	32637GT	TERMINAL BLOCK,WAGO	43
4-	32638GT	TERMINAL BLOCK,WAGO	2
5	32639GT	END PLATE,WAGO	1
6	30997GT	CORROSION INHIBITOR,FOAM	1
7	30794GT	WIRE,12/3 SJEOW,BK-WH-GR/YL	720 inches
8	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	5
9	8843GT	COVER,KNOCK OUT HOLE,4 PER BAG	1
10	10775GT	T-BOX, 2.75 X 4.5 X 2.0**	1
11	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	5
12	13585GT	OUTLET, 110V North America	1
12-	35003GT	RECEPTACLE, BRITISH, 110V	1
13	6178GT	NUT, NYLOCK, 10-32	1
14	5094GT	SCREW,RHM,10-32 X .5	1
15	43181GT	CAPACITOR,TIME DELAY	1
16	19274GT	RELAY,SPDT,12V(AUTO)**	1
17	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH	1
18	27115GT	GASKET,UPPER CONTROL BOX	1
19	52365GT	CONTROL BOX W/LID & DECAL includes index numbers 6, 18 and threaded inserts	1
19-	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD	1
20	45437GT	COVER,GFCI,WEATHERPROOF includes mounting fasteners	1
20-	33629GT	PLATE,UK POWER TO PLATFORM British	1
20-	33724GT	KIT,GASKET,UK POWER TO PLAT British	1

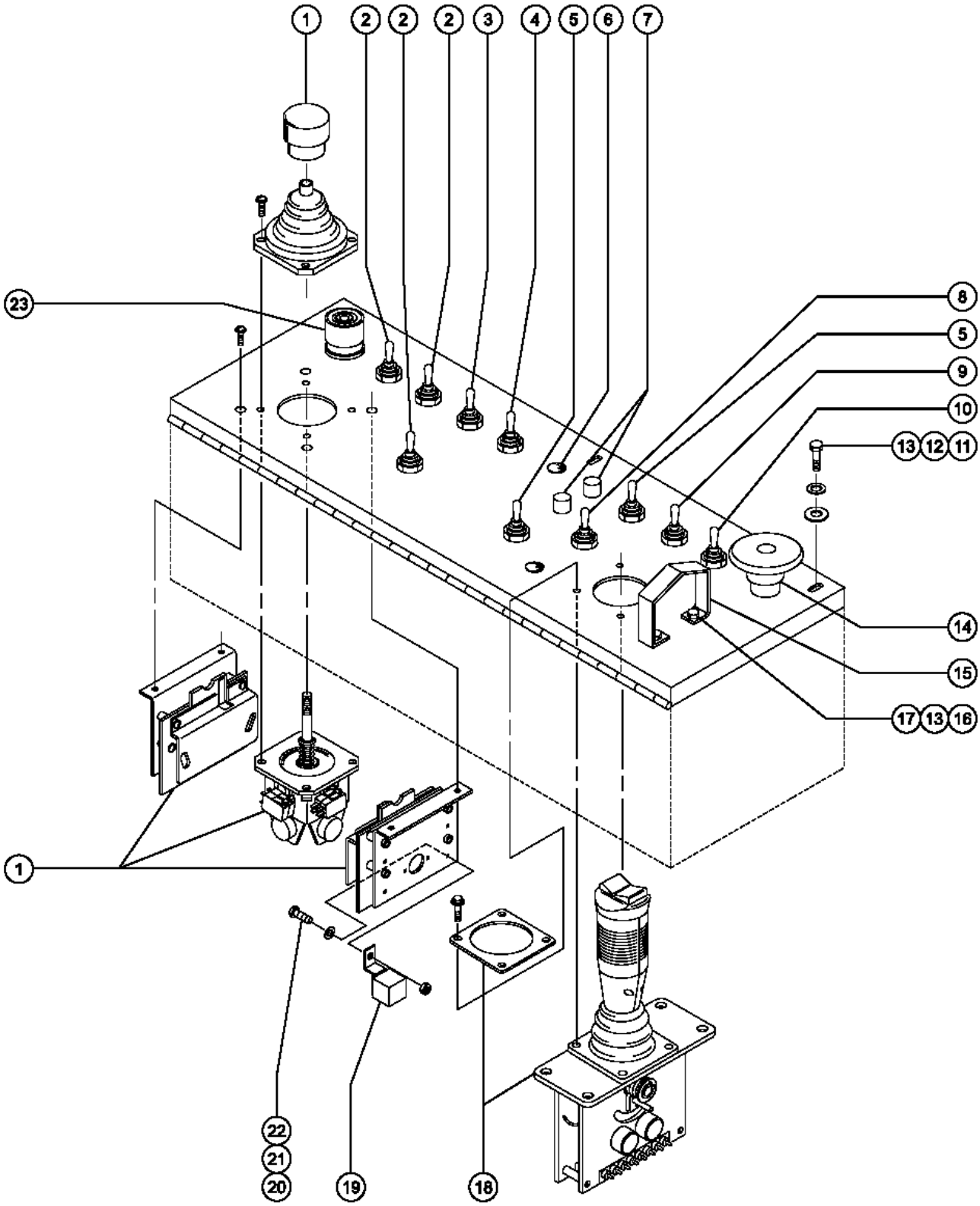
704.1 Platform Controls - View 1



704.1 Platform Controls - View 1

Item	Part No.	Description	Qty.
21	43960GT	WIRE CABLE,16/4 CON.TPE JKT	60 inches
22	43960GT	WIRE CABLE,16/4 CON.TPE JKT	840 inches
23	48533GT	WIRE CABLE,18GA/19 CON.BNDREX S-45	816 inches
24	12960GT	CABLE SQUEEZE CONN.,XTRA LRG	2
25	14041GT	LOCKNUT,ELECTRIC,3/4"	2
26	43955GT	WIRE CABLE,12/3 CON.TPE JKT	840 inches
27	34769GT	WASHER,REDUCING 3/4" TO 1/2"	1
28	48533GT	WIRE CABLE,18GA/19 CON.BNDREX	816 inches
29	45383GT	ALARM,WARBLE TONE 5-30 VDC*** Does not include 72326 nut	1
29-	72326GT	NUT - PLASTIC, RING FOR ALARMS	1

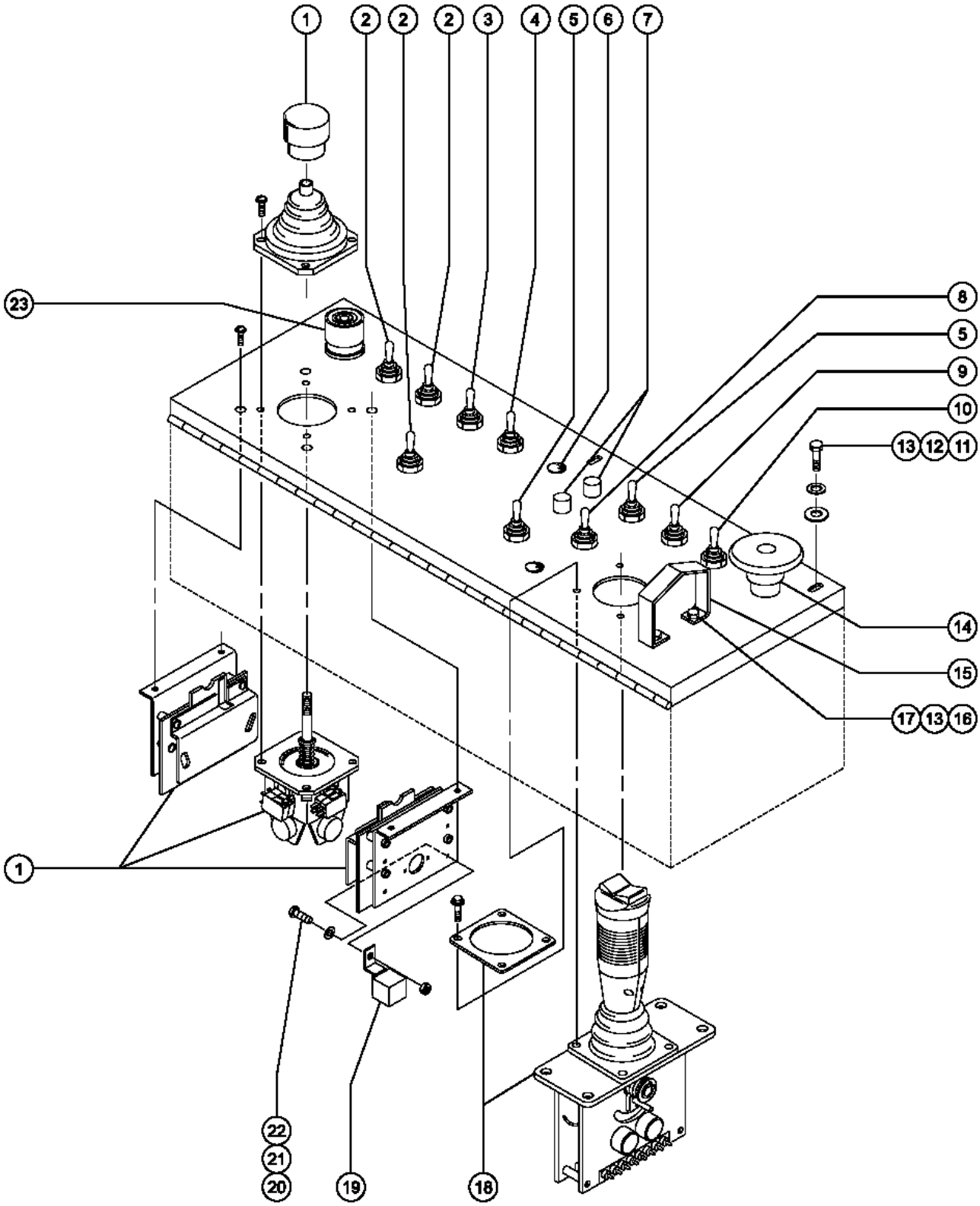
705.1 Platform Controls - View 2



705.1 Platform Controls - View 2

Item	Part No.	Description	Qty.
	52402GT	PLAT.CNTRL.BOX COMPLETE-S40*	
1		Ref., JOYSTICK,MULT AXIS CONT,OEM*** refer to 707.1	1
2	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM includes mounting fasteners	3
2-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	3
2-	54692GT	SPACER,NYLON,.718 X .526 X.219	3
3	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM includes mounting fasteners	3
3-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	1
3-	54692GT	SPACER,NYLON,.718 X .526 X.219	1
4	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM includes mounting fasteners	1
4-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	1
4-	54692GT	SPACER,NYLON,.718 X .526 X.219	1
5	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM includes mounting fasteners	2
5-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	2
5-	54692GT	SPACER,NYLON,.718 X .526 X.219	2
6	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	3
7	824879GT	LIGHT,LED IND. RED 12V NH	2
7-	824879GT	LIGHT,LED IND. RED 12V NH	1
8	128205GT	SWITCH TOGGLE ASSY DPDT 2P MNT includes mounting fasteners	1
8-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	1
9	128206GT	SWITCH TOGGLE ASSY DPDT 3P MNT includes mounting fasteners	1
9-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	1
10	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT Gasoline/LPG models; includes mounting fasteners	1
10-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	1
10-	54692GT	SPACER,NYLON,.718 X .526 X.219	1
11	6090GT	SCREW, HHC, 1/4-20 X .75	3
12	6356GT	WASHER,LOCK,.25	3
13	6638GT	WASHER, FLAT, USS, 1/4"Y	3
14	122514GT	KIT,ESTOP SVC BB&SM BOOM includes parts 66812, 66818 and 66821	1

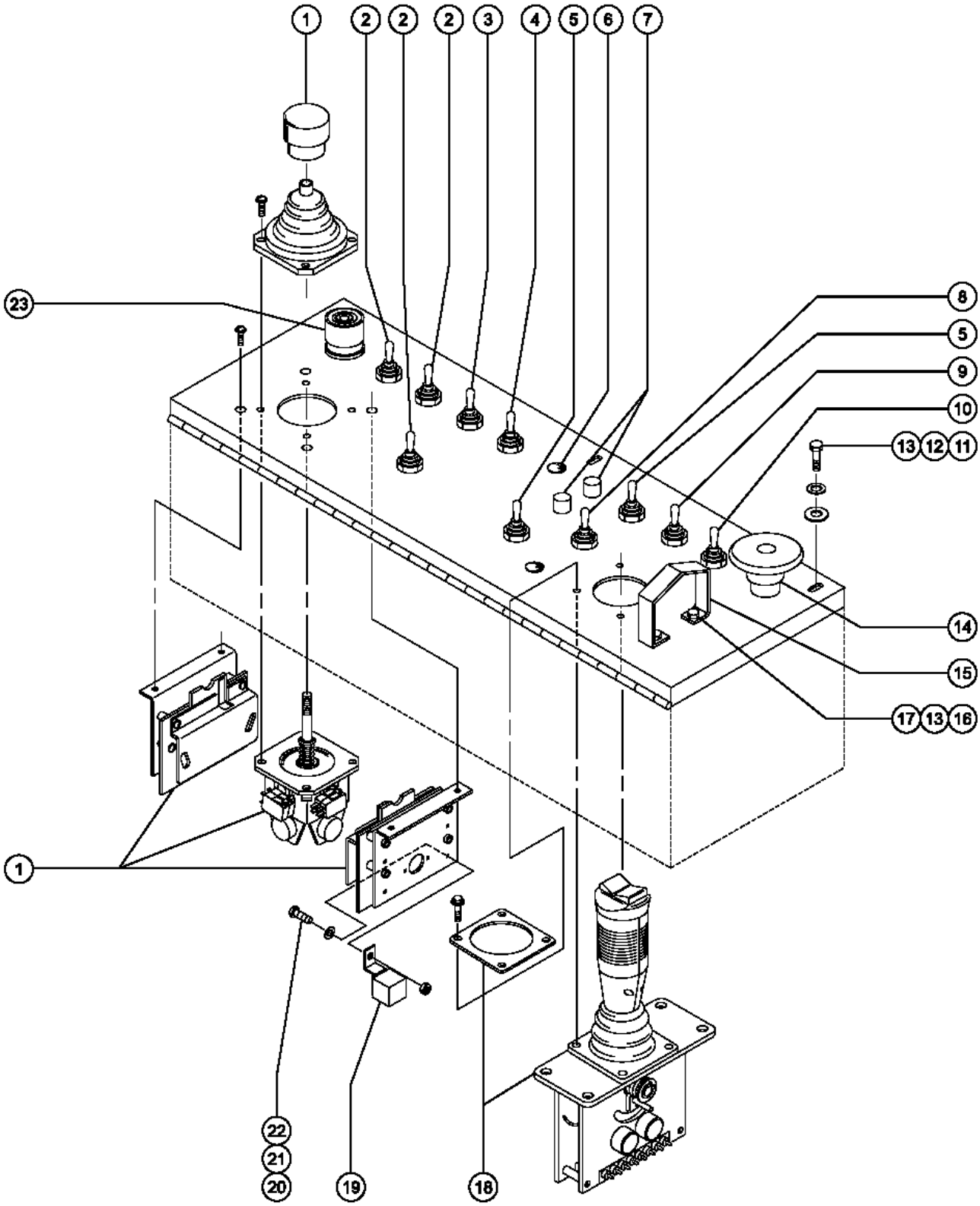
705.1 Platform Controls - View 2



705.1 Platform Controls - View 2

Item	Part No.	Description	Qty.
14-	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
14-	66818GT	CONTACT,NC	1
14-	66821GT	BASE,WITHOUT CONTACTS	1
15	27033PGT	SUPPORT,WRIST,PAINTED-BLUE	1
16	8914GT	SCREW, HHC, 1/4-20 X .625	2
17	6091GT	NUT,NYLOCK,1/4-20	2
18		Ref., JOYSTICK CONTROLLER,12V refer to 706.1	1
23	122513GT	KIT,HORN SVC BB&SM BOOM	1
23-	66813GT	BUTTON,PUSH,BLACK W/SEAL***	1
23-	66815GT	BASE, W/1 N.O. CONTACTS***	1
23-	66816GT	CONTACT,N.O.***	1
23-	146478GT	BOOT(BELLOWS),E-STOP,BLACK	

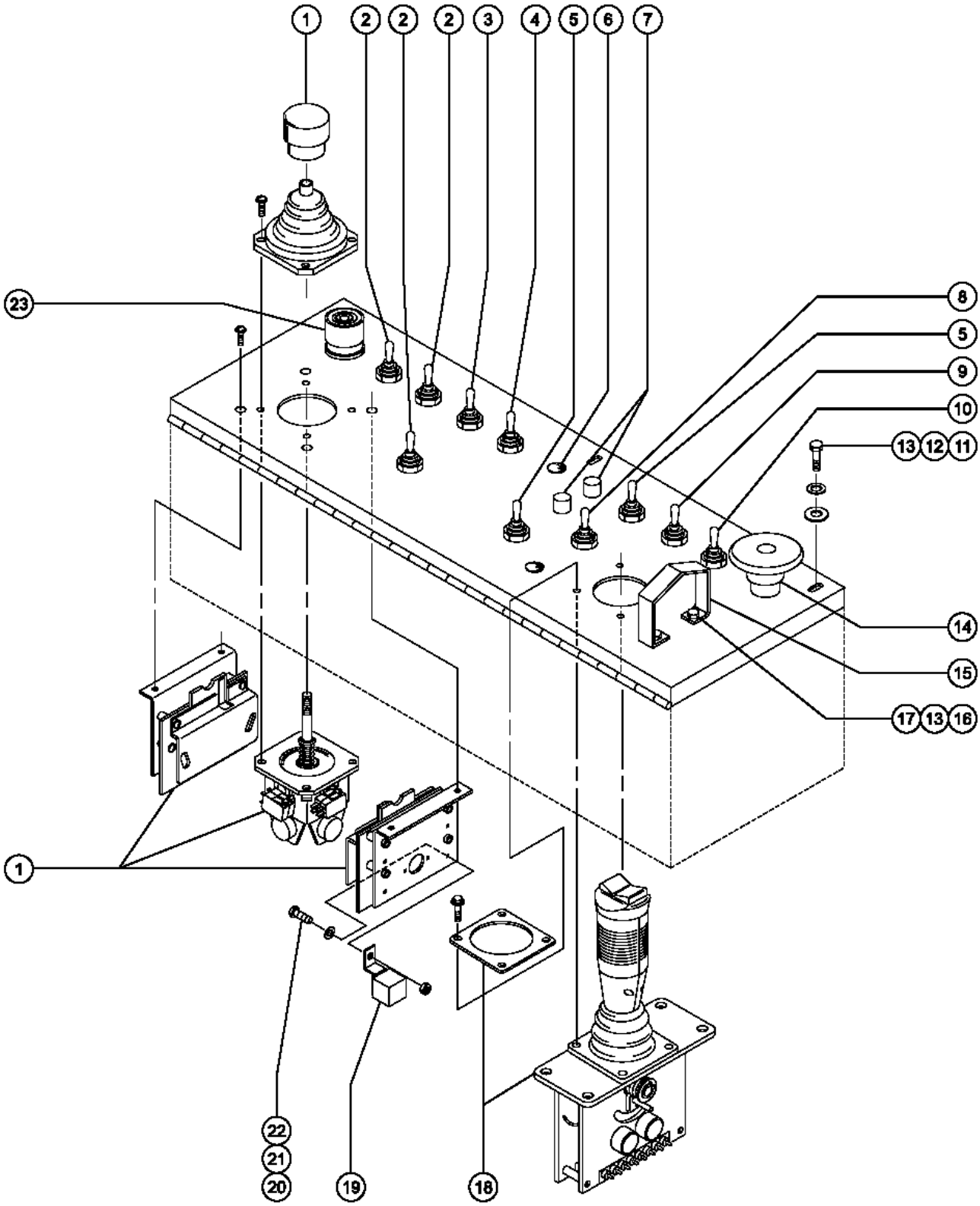
705.2 Platform Controls - View 2



705.2 Platform Controls - View 2

Item	Part No.	Description	Qty.
	62083GT	PLAT.CNTRL.BOX COMPLETE-S45	
1		Ref., JOYSTICK,MULT AXIS CONT,OEM*** refer to 707.1	1
2	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM includes mounting fasteners	3
2-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	3
2-	54692GT	SPACER,NYLON,.718 X .526 X.219	3
3	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM includes mounting fasteners	1
3-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	1
3-	54692GT	SPACER,NYLON,.718 X .526 X.219	1
4	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM includes mounting fasteners	1
4-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	1
4-	54692GT	SPACER,NYLON,.718 X .526 X.219	1
5	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM includes mounting fasteners	2
5-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	2
5-	54692GT	SPACER,NYLON,.718 X .526 X.219	2
6	229567GT	PLUG,SANTOPRENE .5 BLACK DOME Gasoline/LPG models	3
7	824879GT	LIGHT,LED IND. RED 12V NH	2
7-	824879GT	LIGHT,LED IND. RED 12V NH	1
8	128205GT	SWITCH TOGGLE ASSY DPDT 2P MNT includes mounting fasteners	1
8-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	1
9	128206GT	SWITCH TOGGLE ASSY DPDT 3P MNT includes mounting fasteners	1
9-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	1
10	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT Gasoline/LPG models; includes mounting fasteners	1
10-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	1
10-	54692GT	SPACER,NYLON,.718 X .526 X.219	1
11	6090GT	SCREW, HHC, 1/4-20 X .75	3
12	6356GT	WASHER,LOCK,.25	3
13	6638GT	WASHER, FLAT, USS, 1/4"Y	3
14	122514GT	KIT,ESTOP SVC BB&SM BOOM includes parts 66812, 66818 and 66821	1

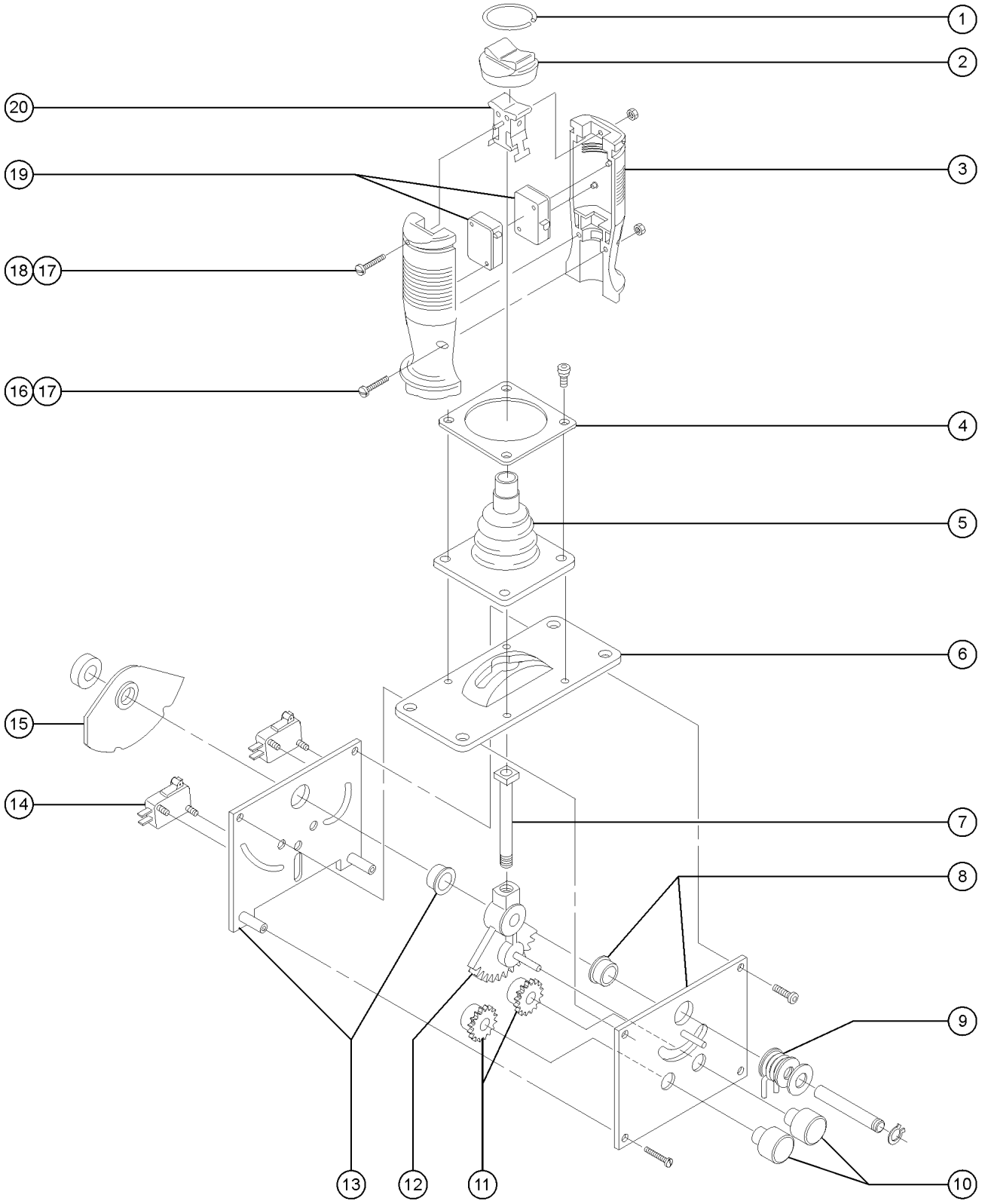
705.2 Platform Controls - View 2



705.2 Platform Controls - View 2

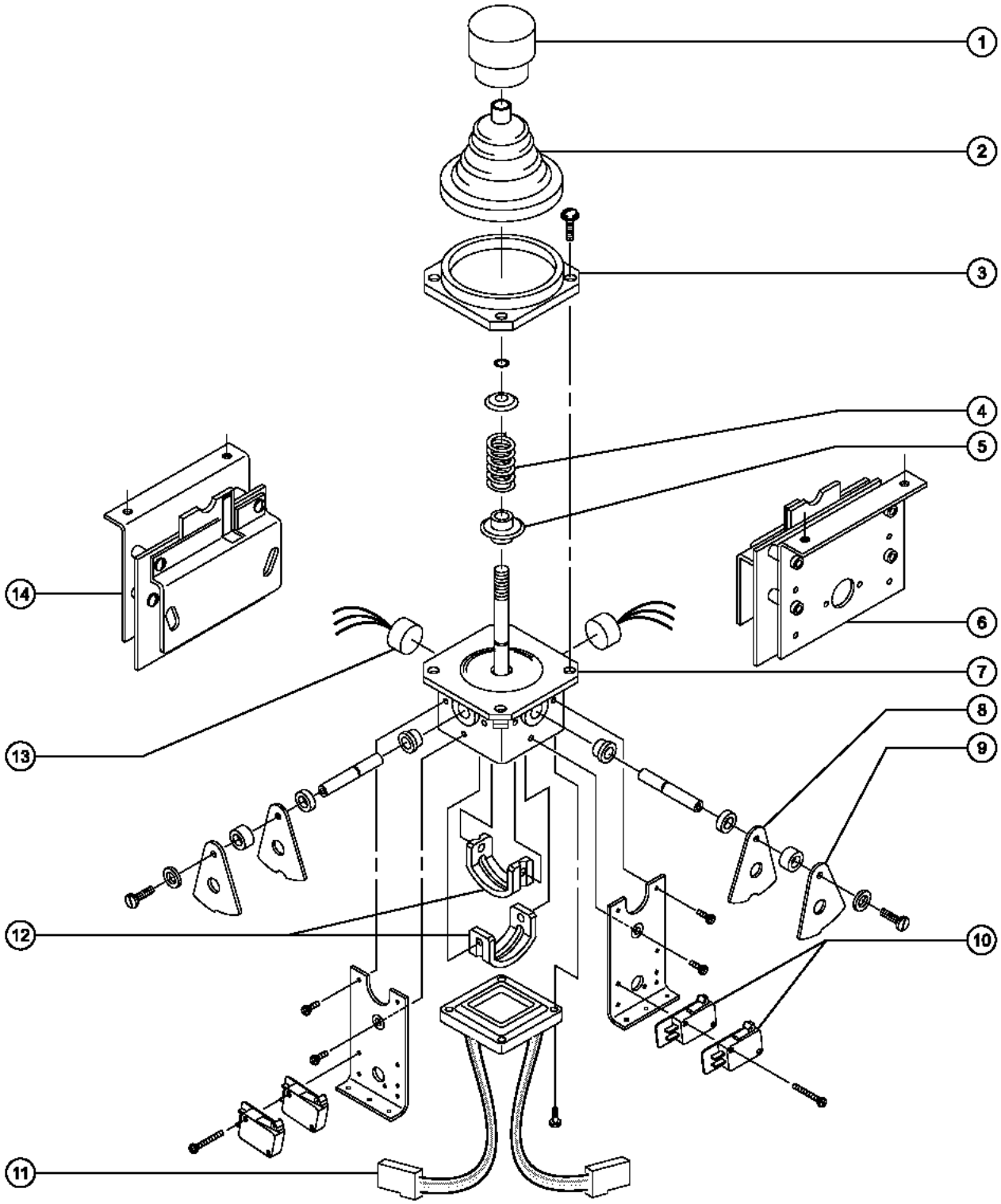
Item	Part No.	Description	Qty.
14-	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
14-	66818GT	CONTACT,NC	1
14-	66821GT	BASE,WITHOUT CONTACTS	1
15	27033PGT	SUPPORT,WRIST,PAINTED-BLUE	1
16	8914GT	SCREW, HHC, 1/4-20 X .625	2
17	6091GT	NUT,NYLOCK,1/4-20	2
18		Ref., JOYSTICK CONTROLLER,12V refer to 706.1	1
19	19274GT	RELAY,SPDT,12V(AUTO)**	1
20	49819GT	SCREW,PHILLIPS,PHM,10-32 X .5	
21	6146GT	WASHER,FLAT,MS,#10,Y	1
22	6178GT	NUT, NYLOCK, 10-32	1
23	122513GT	KIT,HORN SVC BB&SM BOOM	1
23-	66813GT	BUTTON,PUSH,BLACK W/SEAL***	1
23-	66815GT	BASE, W/1 N.O. CONTACTS***	1
23-	66816GT	CONTACT,N.O.***	1
23-	146478GT	BOOT(BELLOWS),E-STOP,BLACK	

706.1 Joystick Controller - Drive/Steer Functions

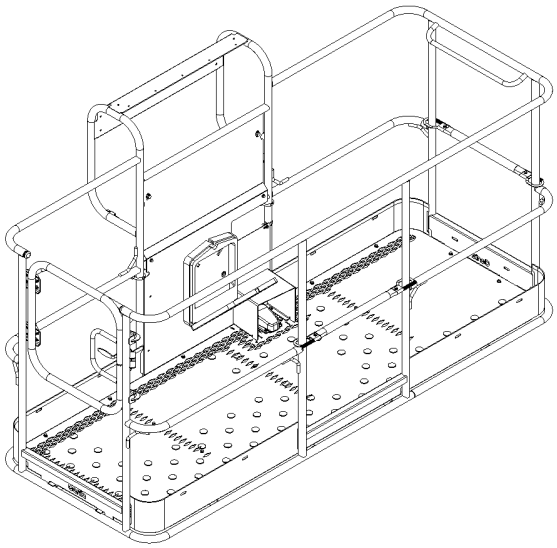


Item	Part No.	Description	Qty.
	20424GT	JOYSTICK CONTROLLER,12V OEM joystick, contains all shown service parts	
	20424HGT	JOYSTICK CONTROLLER,12V aftermarket joystick replacement	
1	25882GT	LOCK RING	1
2	25881GT	BOOT,THUMB 20424 JOYSTICK	1
3	25883GT	HANDLE HALF,JOYSTICK (20424)	2
3-	72245GT	KIT, JOYSTICK HANDLE includes handles, rocker and nut/bolt kit	
3-	49887GT	NUT & BOLT KIT (25883)	1
4	44221GT	COLLAR, BOOT RETAINING	1
5	22368GT	BOOT (20424)	1
6	25884GT	COVER CASTING,20424 CONTROLLER	1
7	44211GT	SHAFT,W/NF STYL BLOCK,(20424)*	1
8	65535GT	POT PLATE ASSEMBLY (20424) includes bearing and terminal strip	1
8-	52778GT	BEARING,FLANGED,.376ID (20424)	2
9	58209GT	SPRING,RETURN***	1
10	22364GT	POTENTIOMETER (20424)	2
11	22367GT	SPUR GEAR (20424)	2
12	44212GT	GEAR CASTING,20424 CONTROLLER*	1
13	65536GT	SWITCH PLATE ASSEMBLY(20424) includes bearing and stand-offs	2
13-	52778GT	BEARING,FLANGED,.376ID (20424)	
14	22365GT	SWITCH (20424)	2
15	22366GT	CAM ASSY (20424)	1
16	52776GT	SCREW,HEX,M4X0.7X10MM (20424)*	2
17	52777GT	NUT,HEX,M4 X 0.7 MM (20424)***	3
18	52775GT	SCREW,HEX,M4X0.7X30MM (20424)*	1
19	23680GT	SWITCH,HANDLE,20424	2
20	23688GT	ROCKER ASSY,HANDLE (20424)***	1

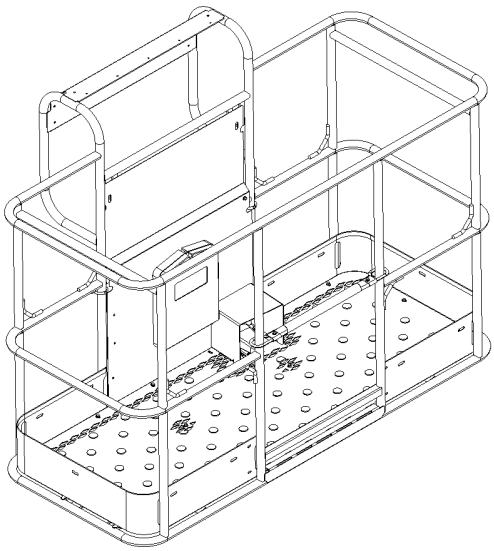
707.1 Joystick Controller - Boom Functions, Multi-axis



Item	Part No.	Description	Qty.
	53073GT	JOYSTICK,MULT AXIS CONT,OEM*** ..... OEM joystick, contains all shown service parts	
	53073HGT	JOYSTICK,MULT AXIS CONT ..... aftermarket joystick replacement	
	72278GT	JOYSTICK,MULT AXIS,W/O PCB ..... joystick without pc boards	
1	27133GT	HANDLE,CAP,CONTROLLER	1
2	27134GT	BOOT,CONTROLLER ..... includes 46272	1
3	46272GT	FLANGE-JOYSTICK MOUNTING,44988	1
4		SPRING,24493 CONTROLLER ..... no longer available	1
5	31283GT	BUSHING,SPRING SEAT	1
6	52585GT	PCB,11179CD,(LIFT)***	1
7	52587GT	SHAFT & HOUSING ASSY	1
8	52588GT	DRIVE GEAR - INSIDE #53073	2
8A	58477GT	SHAFT (53073)***	2
9	52589GT	DRIVE GEAR - OUTSIDE #53073	2
10	19712GT	MICROSWITCH,V3L-139-D8	4
11	58923GT	SADDLE BRCKT40613,34419,53073* ..... harness shown for illustration purpose only	1
12	37948GT	SADDLES-SET(24493,40613,53073*	1
13	52591GT	POTENTIOMETER-JOYSTCK(53073)	2
13	65827GT	ADAPTER (53073,52591) **	2
14	52586GT	PCB,11179AB, (SWING)***	1



(1) Side Swing Gate Platform

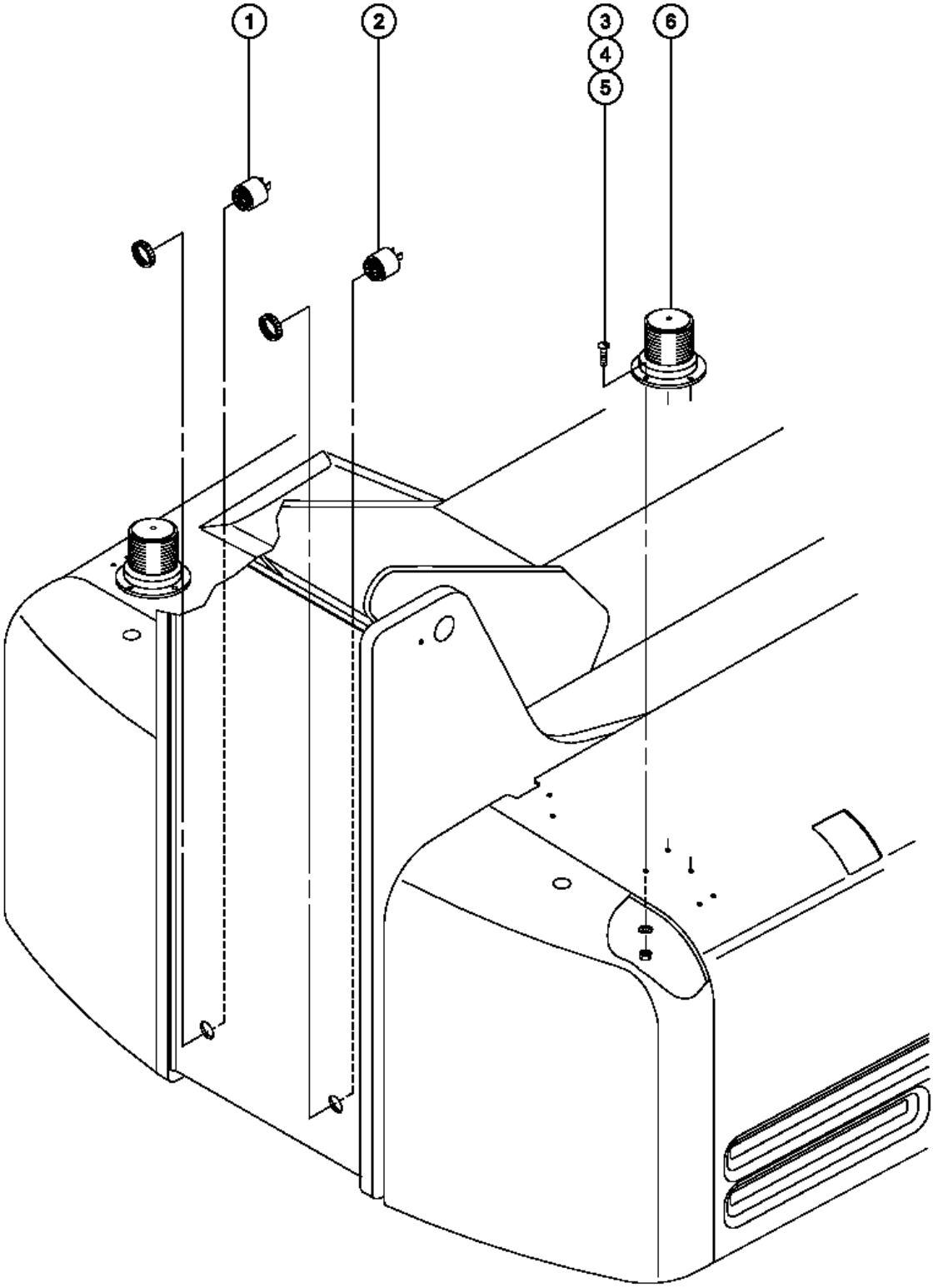


(2) Front Single Entry Platform

708.1 Platform configurtion

Item	Part No.	Description	Qty.
-		Complete Platform Assemblies with Decals	
A	1286761GT	PLAT ASSY,6',S40/60/80,SERV-2 W/Side swing gate	
B	1286762GT	PLAT ASSY,8',S40/60/80,SERV-2 W/Side swing gate	
-		Complete Platform Assemblies & Platform Weldments without Decals (refer to section 100 for Decals)	
1A	1272304GT	ASSY,8FT PLAT TRI LG,BLANK front and side entry	
-	1274859GT	ASSY,8' PLAT WELDMENT W/SIDE GATE Flooring & decal plate not included	
1B	1272303GT	ASSY,6FT PLAT DUAL LG,BLANK front and side entry	
2	160809GT	ASSY,6FT PLATFORM,NO DECALS Single entry	
-	73900GT	WELDMNT,6 FT PLATFORM Flooring & decal plate not included	

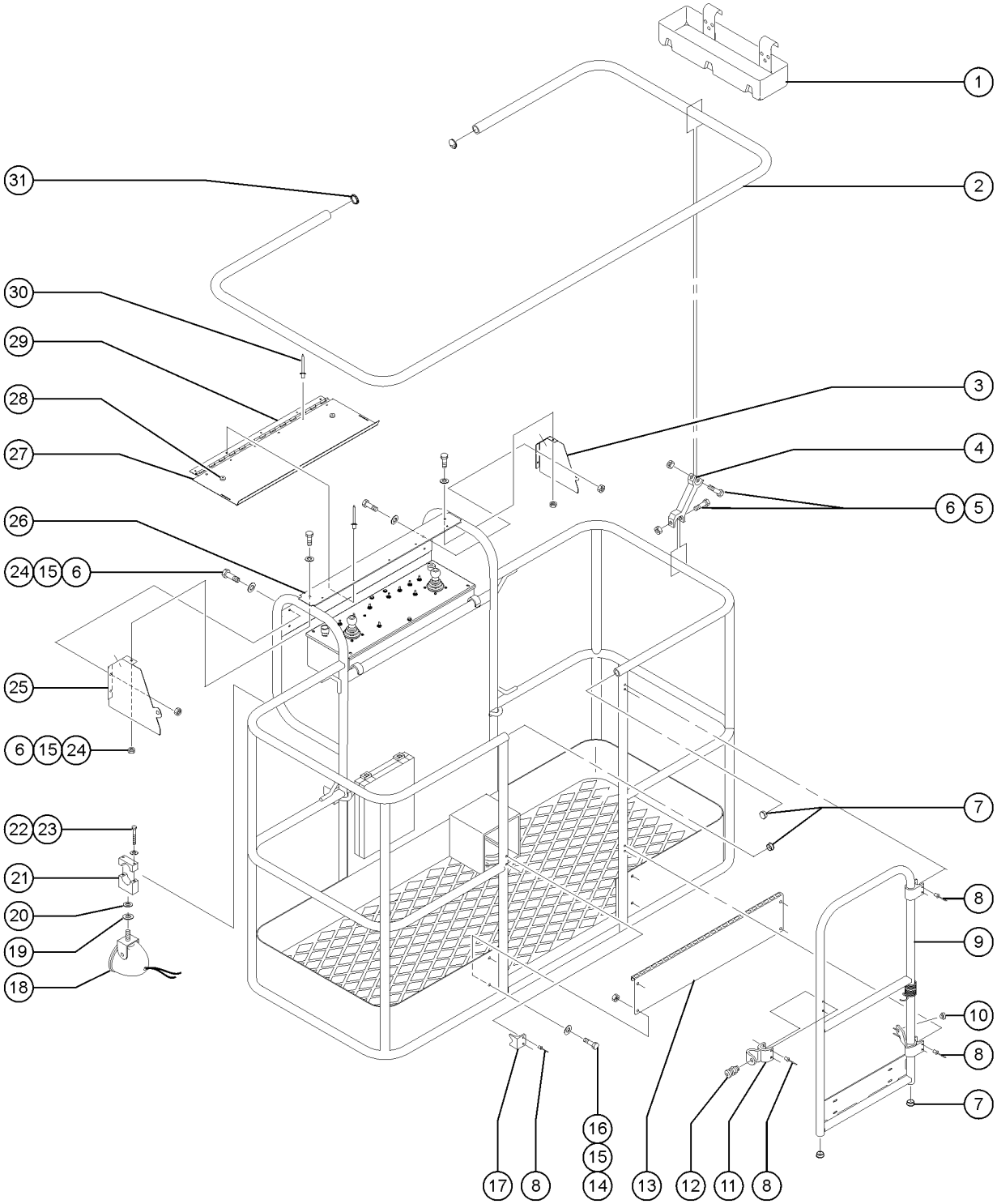
801.1 Alarm and Beacon Package



801.1 Alarm and Beacon Package

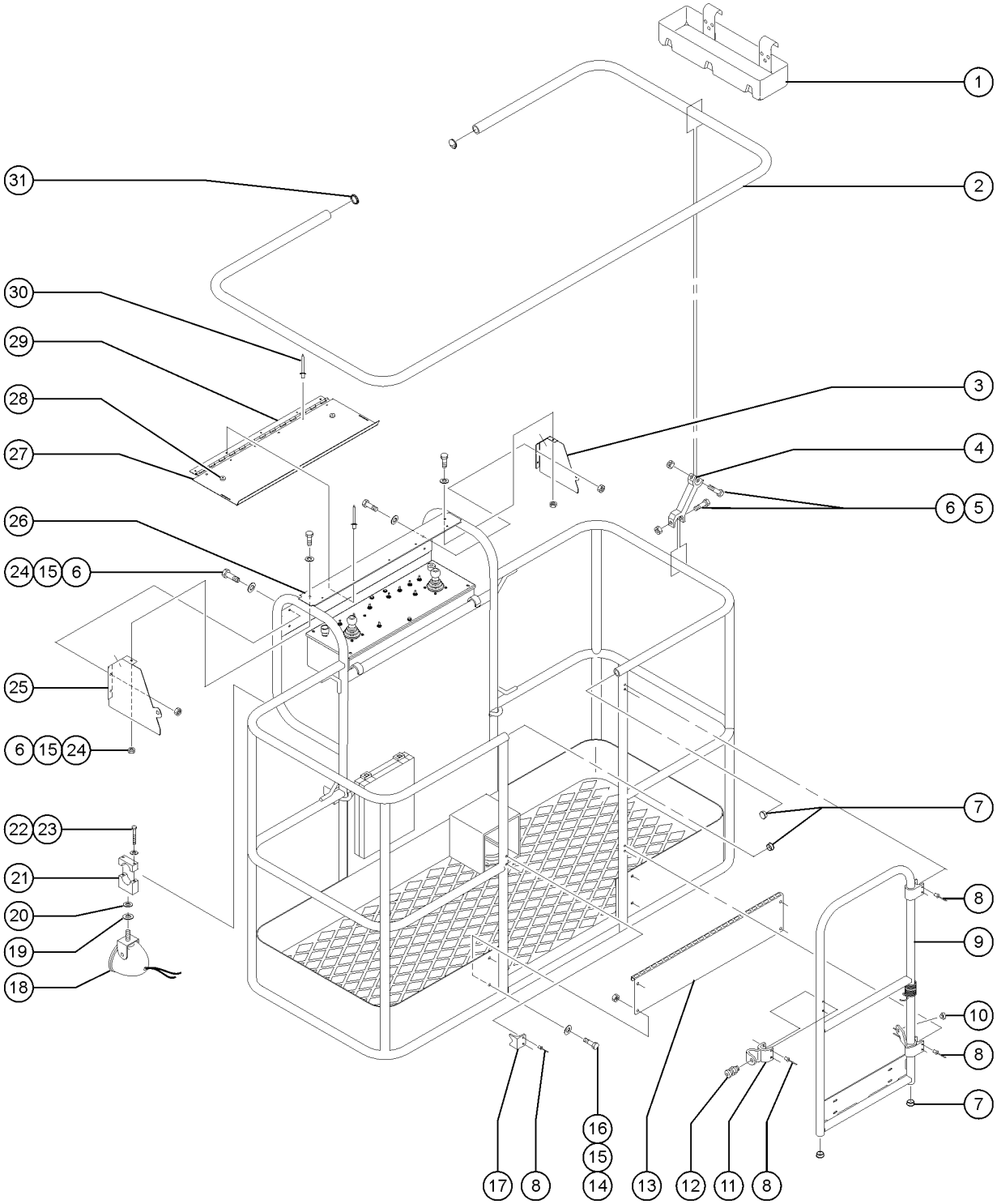
Item	Part No.	Description	Qty.
	46985GT	ALARM PKG,S-40***	
1	45462GT	ALARM,CHIME TONE 5-25VDC*** Does not include 72326 nut	1
1-	72326GT	NUT - PLASTIC, RING FOR ALARMS	1
2	18963GT	ALARM,INTERMITTENT TONE 6-30V* Does not include 72326 nut	1
2-	72326GT	NUT - PLASTIC, RING FOR ALARMS	1
3	6147GT	SCREW,RHM,10-32 X 1	6
4	6146GT	WASHER,FLAT,MS,#10,Y	6
5	6178GT	NUT, NYLOCK, 10-32	6
6	56704GT	STROBE,FIREBOLT,12-80VDC,AMB** (replaced 20189)	2
6-	72282GT	LENS,AMBER,STROBE,FIREBOLT	2
6-	122019GT	FLASHTUBE,U SHAPED,360DEG,BULB	
6-	226393GT	FLASHTUBE,STRAIGHT,360DEG,BULB	

802.1 Platform Options

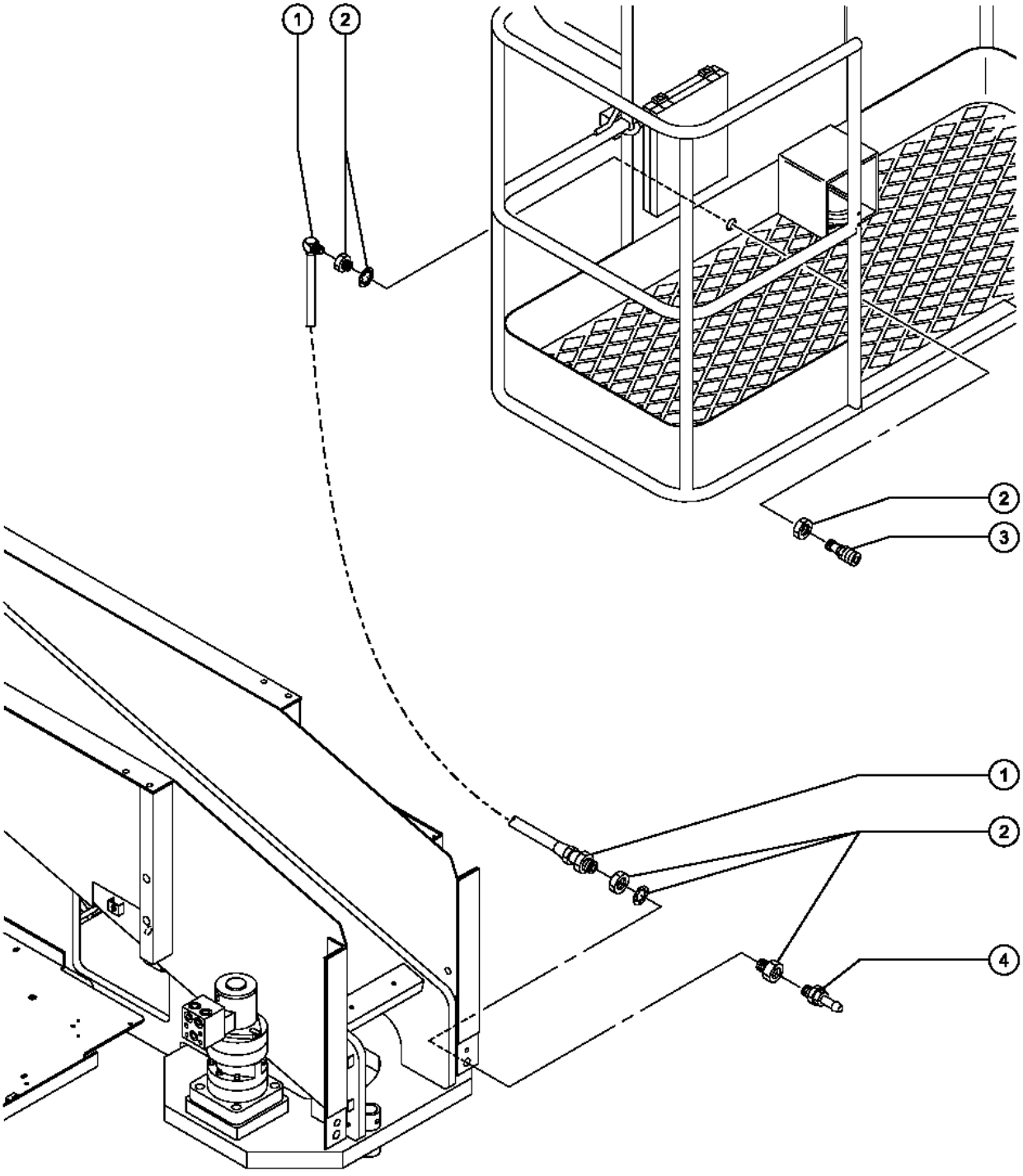


Item	Part No.	Description	Qty.
	53157-SGT	PINCH GUARD,6'(1.31")SERVICE**	
	28856-SGT	PLAT.PINCH GUARD,8',1.3	
	34321-SGT	OPTION,WORKLIGHT,12 VOLT	
1	9599-SGT	TOOL TRAY ACCESSORY***	1
2	1259704GT	PINCH GUARD RAIL,6' PLATFORM includes 55753 bumpers	1
2-	52661GT	PINCH GUARD RAIL,8' PLATFORM** includes 2 each index number 31	1
3	119797GT	CONTROL BOX COVER, RIGHT SIDE*	
4	139958GT	KIT, AUX TOP RAIL SUPPORT	10
5	4266GT	SCREW,HHC,1/4-20 X 2	20
6	6889GT	NUT,LP NYLOCK,1/4-20	20
7	31120GT	PLUG,NYLON 1.187 BLACK DOMED	4
8	7265GT	RIVET,STEEL,P, .25 X .375	14
9	128368GT	KIT,SWING GATE W/SPRING includes 2 each index number 7	1
9	1290135GT	KIT,HALF FRONT,SWING GATE	
9A-	1488GT	RAILING CATCH CASTING--DRILLED	
9A-	1487GT	GATE LATCH CASTING--DRILLED	
9A-	33674GT	PIN,LOCK,SHORT***	
9A-	9596GT	HINGE CASTING Special welding requirements for installation of this component. Strongly suggest ordering 128368 OR contact Genie Service for welding requirements.	
10	43392GT	BUMPER,BATTERY BOX & RAILS	1
11	1487GT	GATE LATCH CASTING--DRILLED	1
12	63311GT	SNAP PIN	1
13	54817P-SGT	TOEBOARD,PLTFM ENTRY EUR,PNTD*	1
14	8915GT	SCREW, HHC, 1/4-20 X 1.25	4
15	6638GT	WASHER, FLAT, USS, 1/4"Y	4
16	6091GT	NUT,NYLOCK,1/4-20	6
17	1488GT	RAILING CATCH CASTING--DRILLED	1
18	107858GT	WORKLIGHT,48 VOLT	2
18A	35960GT	BULB,WORKLIGHT,12V 35W	

802.1 Platform Options

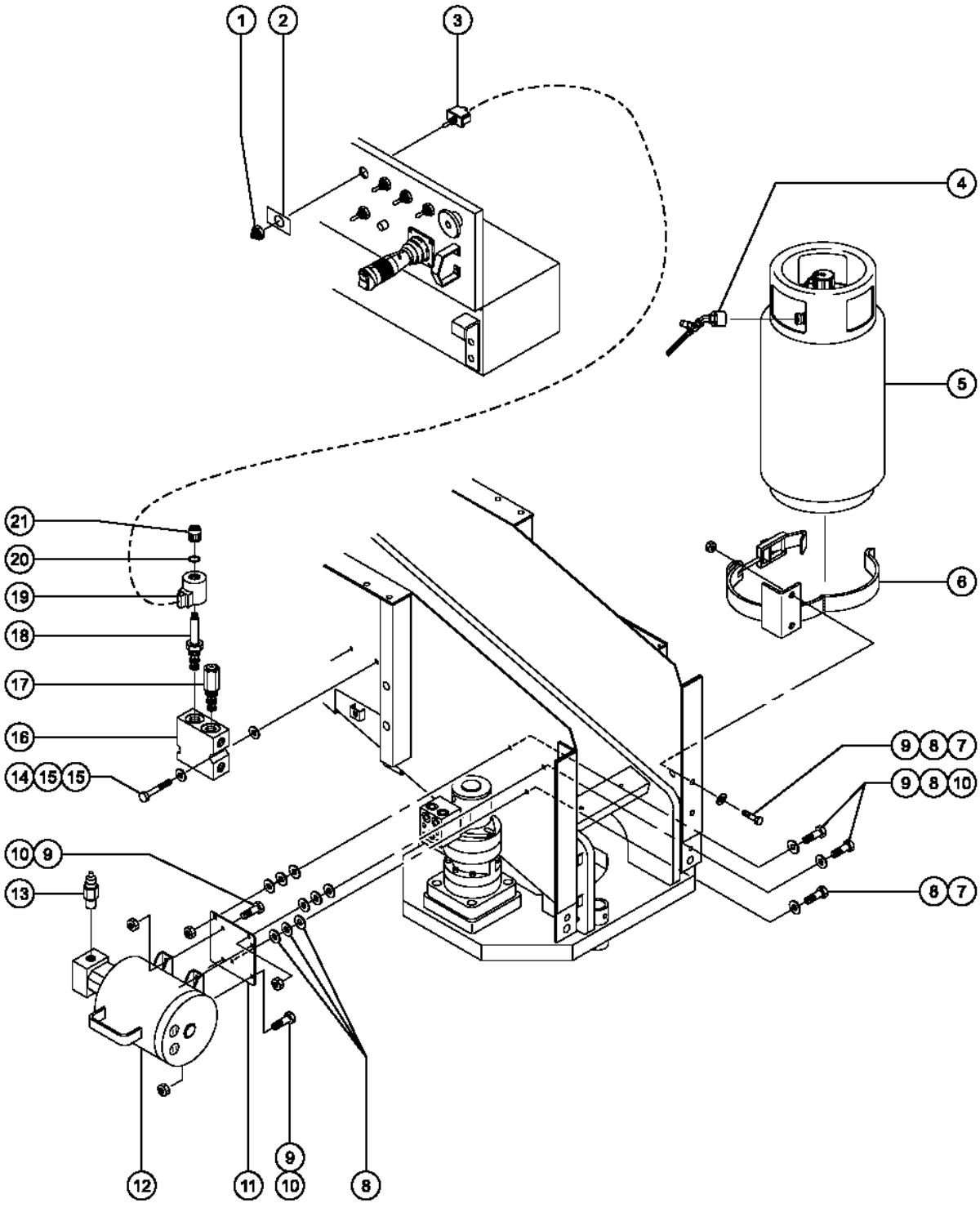


Item	*Part No.*	*Description*	*Qty.*
19	6036GT	WASHER,LOCK,.625 PLTD	1
20	6035GT	WASHER,FLAT,USS,5/8",Y	1
21	35956GT	WORK LIGHT MOUNTING BRACKET	2
22	6145GT	SCREW, HHC, 1/4-20 X 1.5	4
23	6356GT	WASHER,LOCK,.25	4
24	6090GT	SCREW, HHC, 1/4-20 X .75	2
25	119796GT	CONTROL BOX COVER,LEFT SIDE**	
26	119562PGT	GUARD,PLATFORM CNTRL PANEL PTD	
26-	119642GT	KIT,PLAT CONTROL PANEL GUARD** includes part 119562P, required for first time installation	
27	89915PGT	COVER,CONTROL BOX LID	
27-	119795GT	KIT,CONTROL BOX COVER includes part 89915P, index number 26 is required for first time installation	
28	43392GT	BUMPER,BATTERY BOX & RAILS	
29	111526GT	HINGE,PLAT CONTROL BOX COVER	
30	54486GT	RIVET,ALUM,ALUM,3/16BUTTONHEAD	
31	55753GT	BUMPER, PLASTIC, 1.25 O.D.	2


1
2
2
3
1
2
4

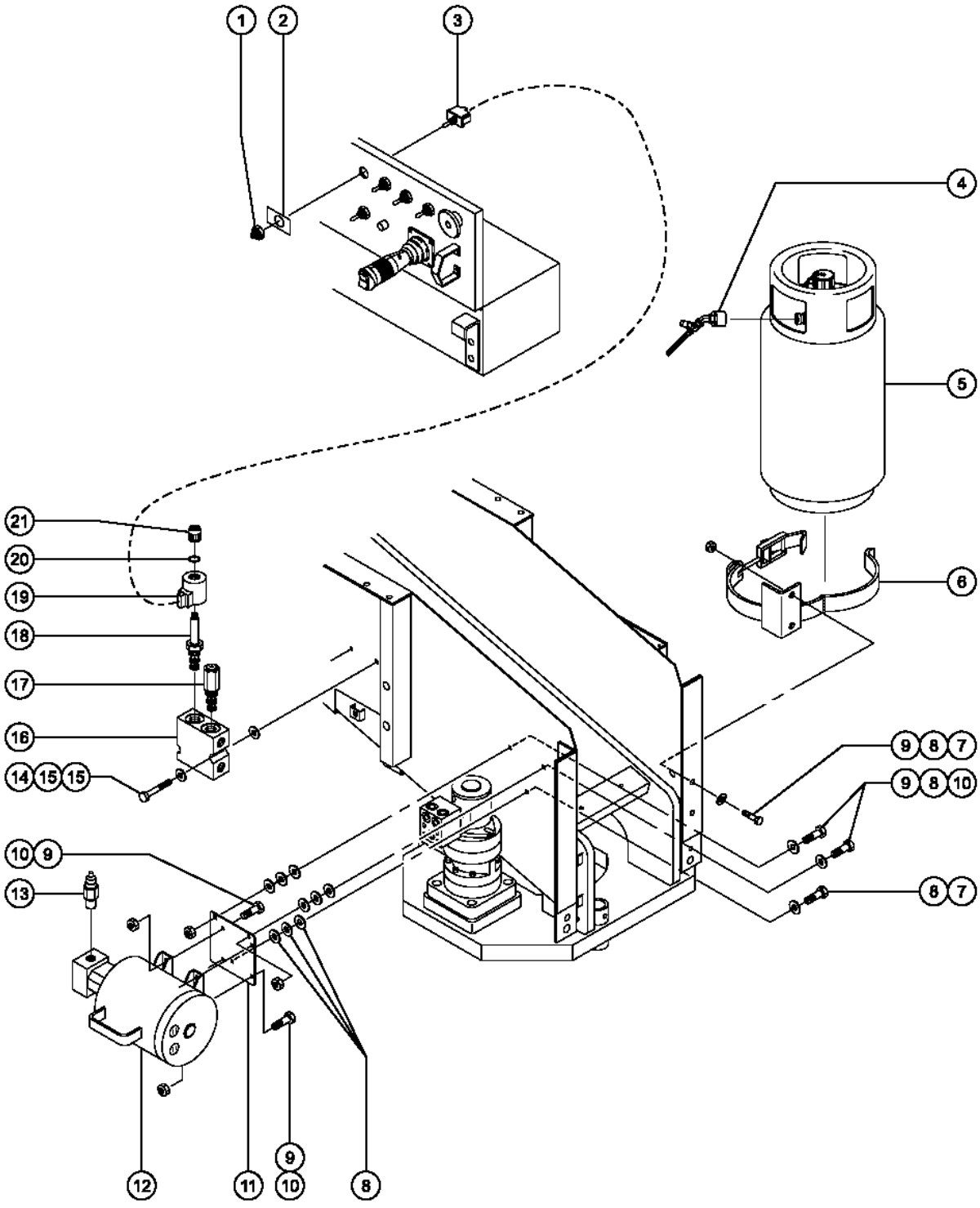
Item	Part No.	Description	Qty.
	30620-SGT	S40 AIRLINE TO PLATFORM	
1	49177-71294GT	HOSE ASSEMBLY,1/2"	1
2	49212GT	FEMALE BULKHEAD CONNECTOR-8	2
3	49215GT	MPT,CPLR,1/4"SER,3/8"X18	1
4	49214GT	MALE PIPE THD,1/4" SER,3/8"X18	1

804.1 Generator and Spare LPG Tank



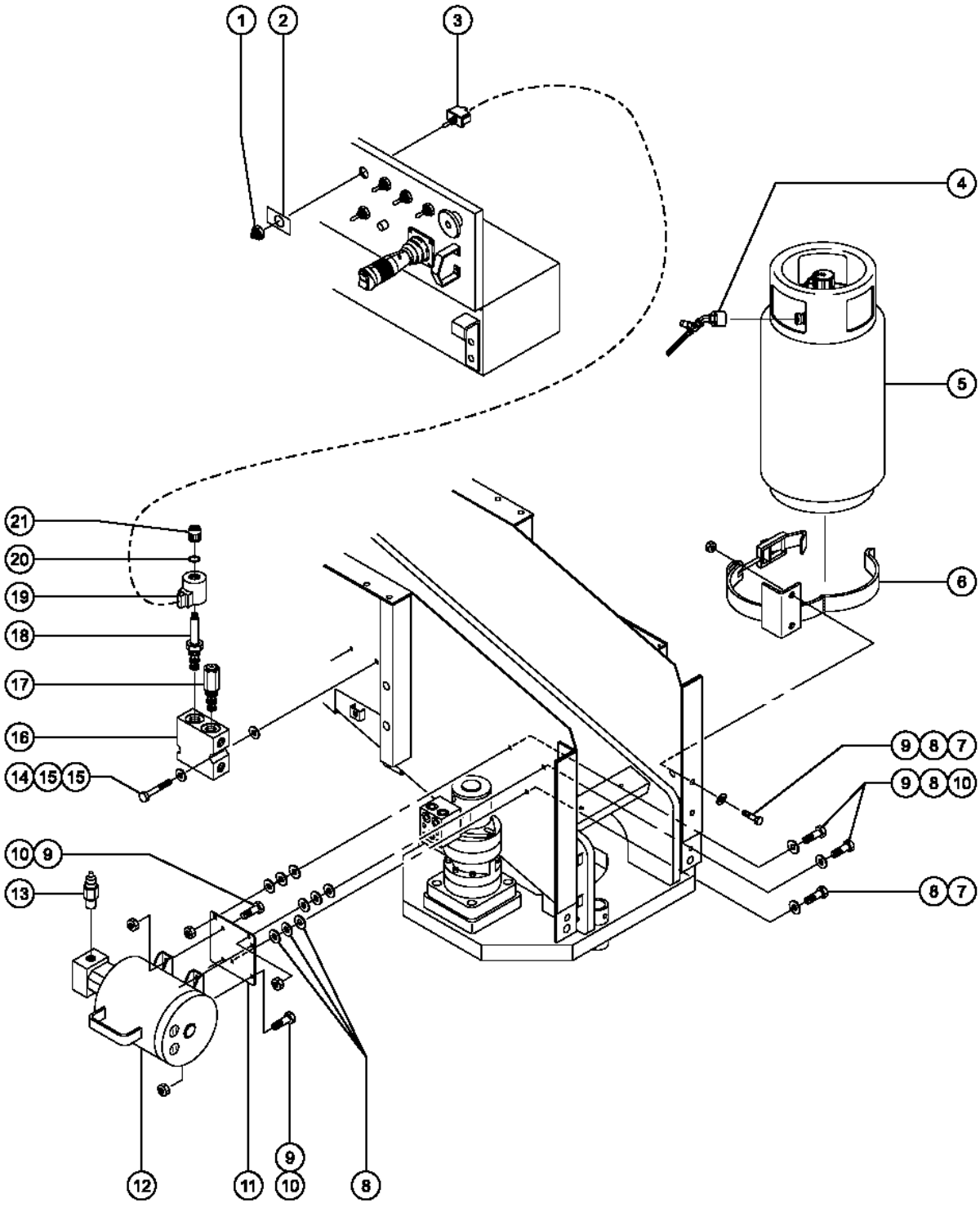
Item	Part No.	Description	Qty.
	52647GT	GENERATOR OPT. 2000W(PARKER)** for models with Parker hoses	
	52648GT	GENERATOR OPT.-2500W(PARKER) for models with Parker hoses	
	52649GT	GENERATOR OPT.-3000W(PARKER) for models with Parker hoses	
	46981GT	GEN S40 2000W SERV OPT for models with Synflex hoses	
	52583GT	GENERATOR OPTION, 2500 WATT for models with Synflex hoses	
	46979GT	GEN.S40 3000W SERV.SYNFLEX for models with Synflex hoses	
	30630GT	S40,60,80SPARE L.P.TANK W/BRKT	
1	27246GT	BOOT,TOGGLE SWITCH,SHORT*	1
2	133518GT	DECAL, PATCH, GEN,ALC-500	1
3	128205GT	SWITCH TOGGLE ASSY DPDT 2P MNT includes mounting fasteners	1
3-	54692GT	SPACER,NYLON,.718 X .526 X.219	1
4	25967GT	HOSE ASSEMBLY,LP GAS-86" LNG**	1
5	53605GT	TANK, 7 GAL/33.5 POUND, LP	1
6	53120-SGT	LP.TANK BRACKET TALL WLDMNT from SN 2022	1
6-	30712GT	LP.TANK BRKT WLDMT.,SHORT to SN 2021	1
7	6175GT	SCREW,HHC,3/8-16 X 1	4
8	5397GT	WASHER, FLAT, USS, 5/16-18	15
9	7713GT	NUT, LP NYLOCK, 3/8-16	6
10	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	6
11	34876P-SGT	PLATE,GENERATOR MOUNTING	1
12A	58301GT	GENERATOR,2000W,HYDRAULIC*** includes index number 13	1
12A-	32732GT	RECTIFIER ASSEMBLY	
12A-	58402GT	BRIDGE,50A FULL WAVE**	
12A-	32734GT	BRUSH ASSEMBLY	
12A-	32736GT	MOTOR,HYDRAULIC GENERATOR	
12B	36928GT	GENERATOR,2500W HYD.220/50HZ includes index number 13	
12B-	32732GT	RECTIFIER ASSEMBLY	
12B-	58402GT	BRIDGE,50A FULL WAVE**	

804.1 Generator and Spare LPG Tank

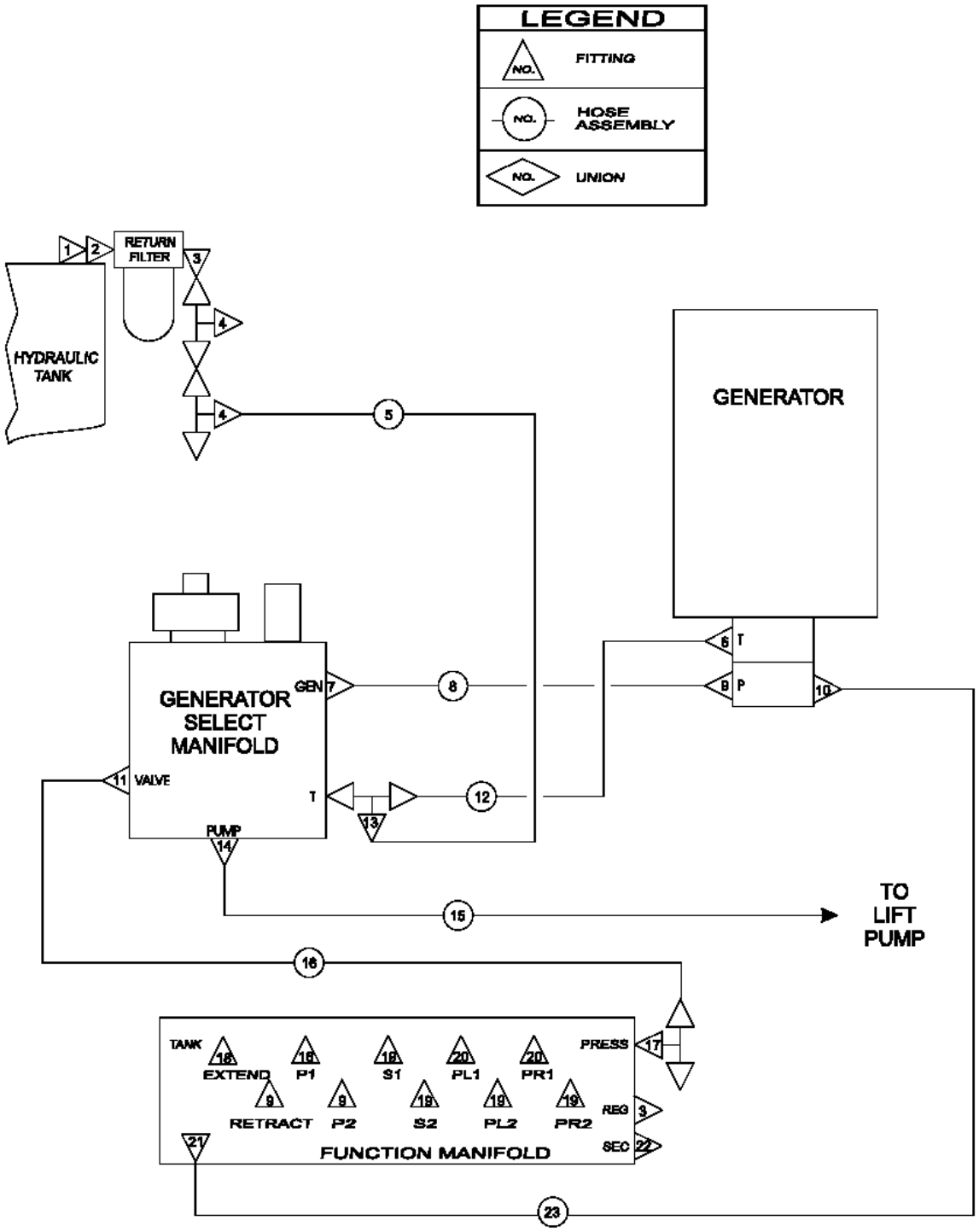


Item	Part No.	Description	Qty.
12B-	52085GT	BRUSH HOLDER ASSY, 2500W GENER	
12B-	52086-RGT	MOTOR -HYD.2500W GENER REFURB.	
12B-	T111608GT	SEAL,RETAINING RING for pump	
12B-	T111609GT	SEAL,SHAFT for pump	
12B-	T111610GT	SPACER for pump	
12B-	T111611GT	BEARING,MOTOR for pump	
12B-	T111612GT	RETAINING RING for pump	
12B-	T111613GT	SHAFT,MOTOR for pump	
12B-	58954GT	O-RING,SPACER #115*** for pump	
12B-	147836GT	SEAL, GASKET, .00075" *GOLD* for pump	
12B-	147837GT	SEAL, GASKET, .0005" *SILVER* for pump	
12B-	147838GT	SEAL, GASKET, .0010" for pump	
12C	111381GT	GEN,HYD,3000W,110V,60HZ includes index number 13	1
12C-	58944GT	BRUSH 3/8 X 1/4 X 15/16(36928)	
12C-	32732GT	RECTIFIER ASSEMBLY	
12C-	58402GT	BRIDGE,50A FULL WAVE**	
12C-	52000GT	BRUSH ASSEMBLY	
12C-	52001GT	HYDRAULIC MOTOR 3000W GENER	
12C-	T111608GT	SEAL,RETAINING RING for pump	
12C-	T111609GT	SEAL,SHAFT for pump	
12C-	T111610GT	SPACER for pump	
12C-	T111611GT	BEARING,MOTOR for pump	
12C-	T111612GT	RETAINING RING for pump	
12C-	T111613GT	SHAFT,MOTOR for pump	
12C-	58954GT	O-RING,SPACER #115*** for pump	
12C-	147836GT	SEAL, GASKET, .00075" *GOLD* for pump	
12C-	147837GT	SEAL, GASKET, .0005" *SILVER* for pump	
12C-	147838GT	SEAL, GASKET, .0010" for pump	

804.1 Generator and Spare LPG Tank

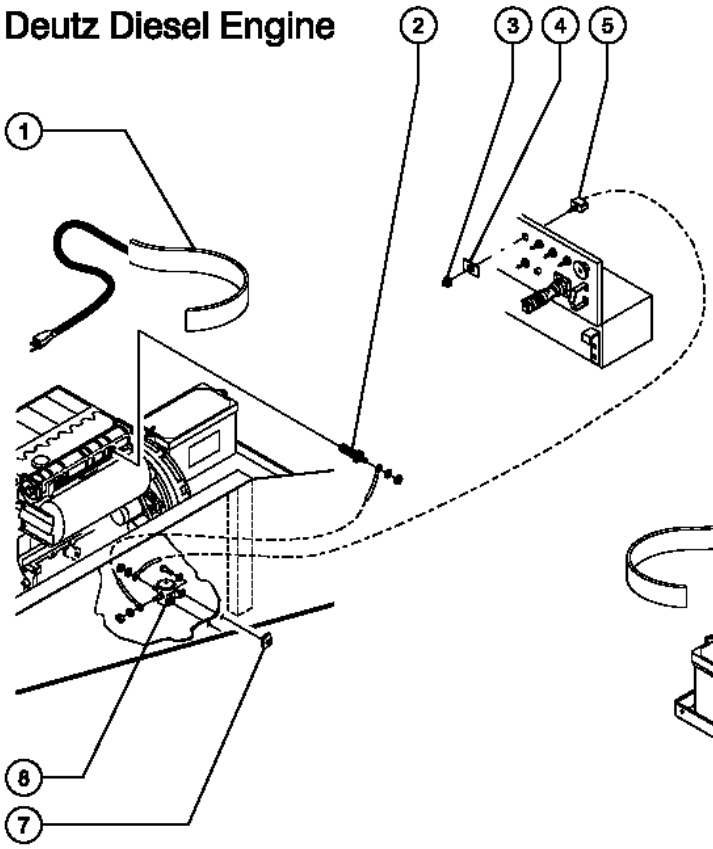


Item	*Part No.*	*Description*	*Qty.*
12C-	147839GT	ASSM, GEN. ONLY, 110V, 60HZ	
13	32735GT	VALVE,PRI. FLOW REG 4.3 for 2000W & 2500W generators	1
14	4266GT	SCREW,HHC,1/4-20 X 2	2
15	6638GT	WASHER, FLAT, USS, 1/4"Y	4
16	53976GT	MANIFOLD,GENERATOR includes index numbers 17 through 21	1
17	44950GT	VALVE,RELIEF,1500 PSI***	1
18	19969GT	VALVE,SOLENOID (18660)*** includes index numbers 19 through 21	1
19	27535GT	COIL,12V.DO1 VALVE use until exhausted	1
19-	56445GT	DIODE,6 AMP 200 PIV,REEL	
20	45914GT	O-RING, DO1 VALVE	1
21	33568GT	NUT, CP521-1 VALVE	1

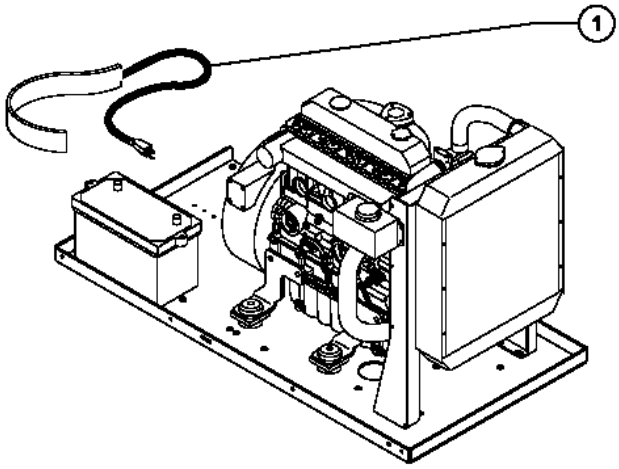

LEGEND
NO.
FITTING
NO.
HOSE ASSEMBLY
NO.
UNION
HYDRAULIC TANK
RETURN FILTER
GENERATOR
GENERATOR SELECT MANIFOLD
GEN
VALVE
PUMP
T
P
TO LIFT PUMP
TANK
EXTEND
RETRACT
P1
P2
S1
S2
PL1
PL2
PR1
PR2
PRESS
REG
SEC
FUNCTION MANIFOLD

Item	Part No.	Description	Qty.
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
1	48986GT	CONN,520102-16	1
2	49512GT	ELBOW,90DEG,FEM,1"NPT	1
3	49515GT	ELBOW,90D,520202-12-16	2
4	48964GT	TEE,RUN,SWIVEL,520432-12	2
5	49142-7062GT	HOSE ASSEMBLY,1/2"	1
6	49203GT	ELBOW,45D,520320-10-8	1
7	48933GT	CONN,520120-8***	3
8	49143-2979GT	HOSE ASSY,1/2,90 FEM,STR FEM	2
9	48937GT	ELBOW,45D,520320-8	3
10	48905GT	CONNECTOR, 520120-4	1
11	48960GT	FITTING,CONN,520120-12***	1
12	65513GT	HOSE ASSEMBLY, 1/2"	1
13	48935GT	TEE,RUN, 520428-8	1
14	48958GT	CONN,520120-10-12	1
15	1296384-7835GT	HOSE ASSY,5/8",90 FEM-ST FEM,78.35"LG	1
16	1296384-5910GT	HOSE ASSY,5/8" HYD,90 FEM-ST FEM, 59.10"LG	1
17	48954GT	TEE,BRANCH,520429-10	1
18	48934GT	CONN,LONG,520122-8	2
19	48916GT	CONN, 520120-6	4
20	48917GT	CONN,LONG,520122-6	2
21	48912GT	CONN,520120-4-6***	1
22	48930GT	CONN,520120-6-8	1
23	49117-3391GT	HOSE ASSY,1/4,90 FEM,STR FEM	1

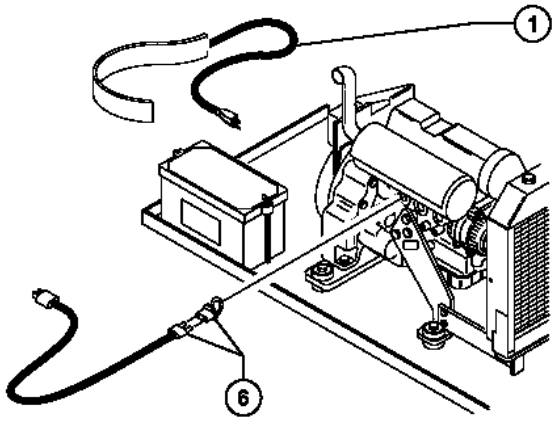
Deutz Diesel Engine



Perkins Diesel Engine



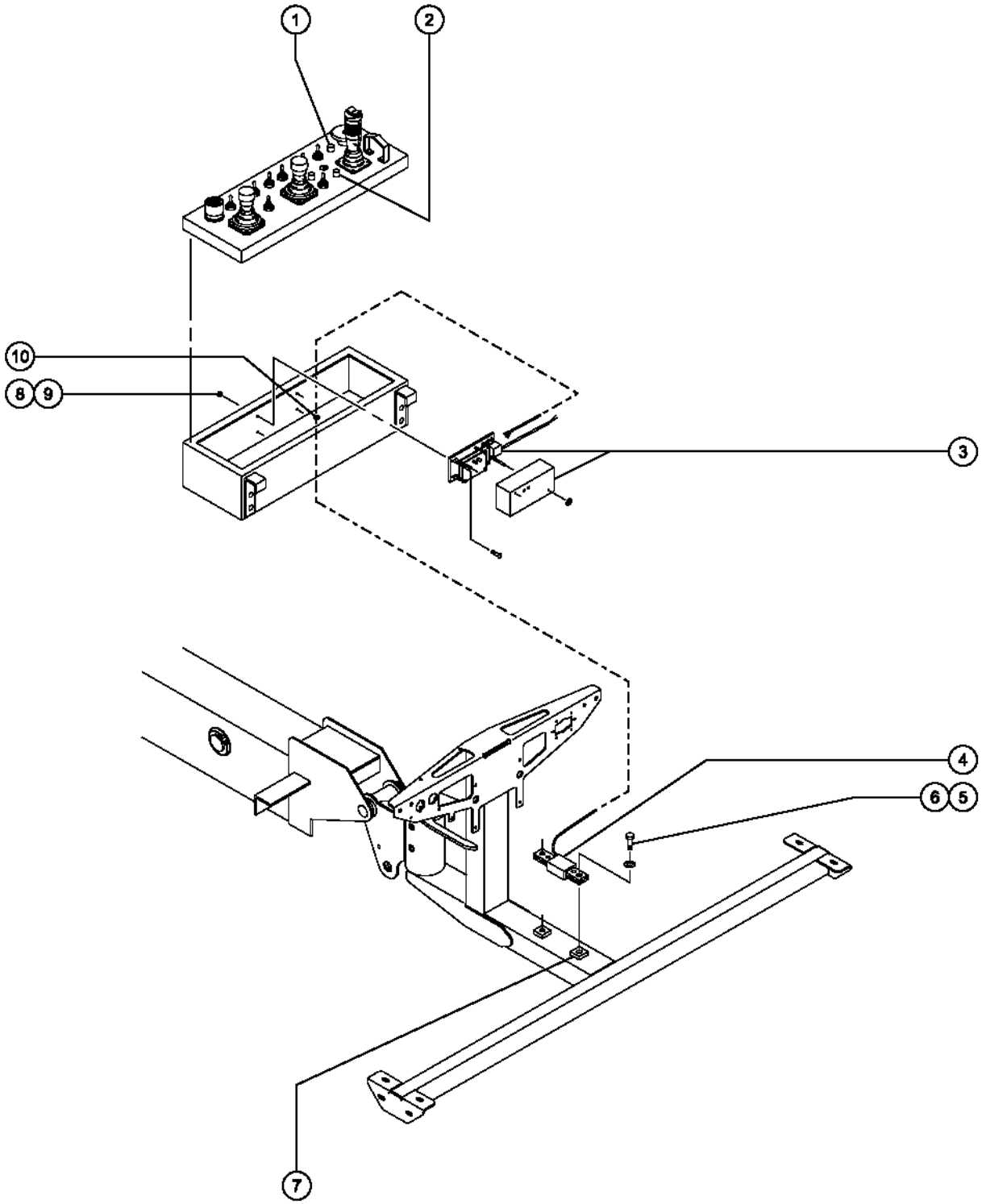
Ford Gasoline/LPG Engine



806.1 Cold Start Package - Ford, Perkins & Deutz Engines

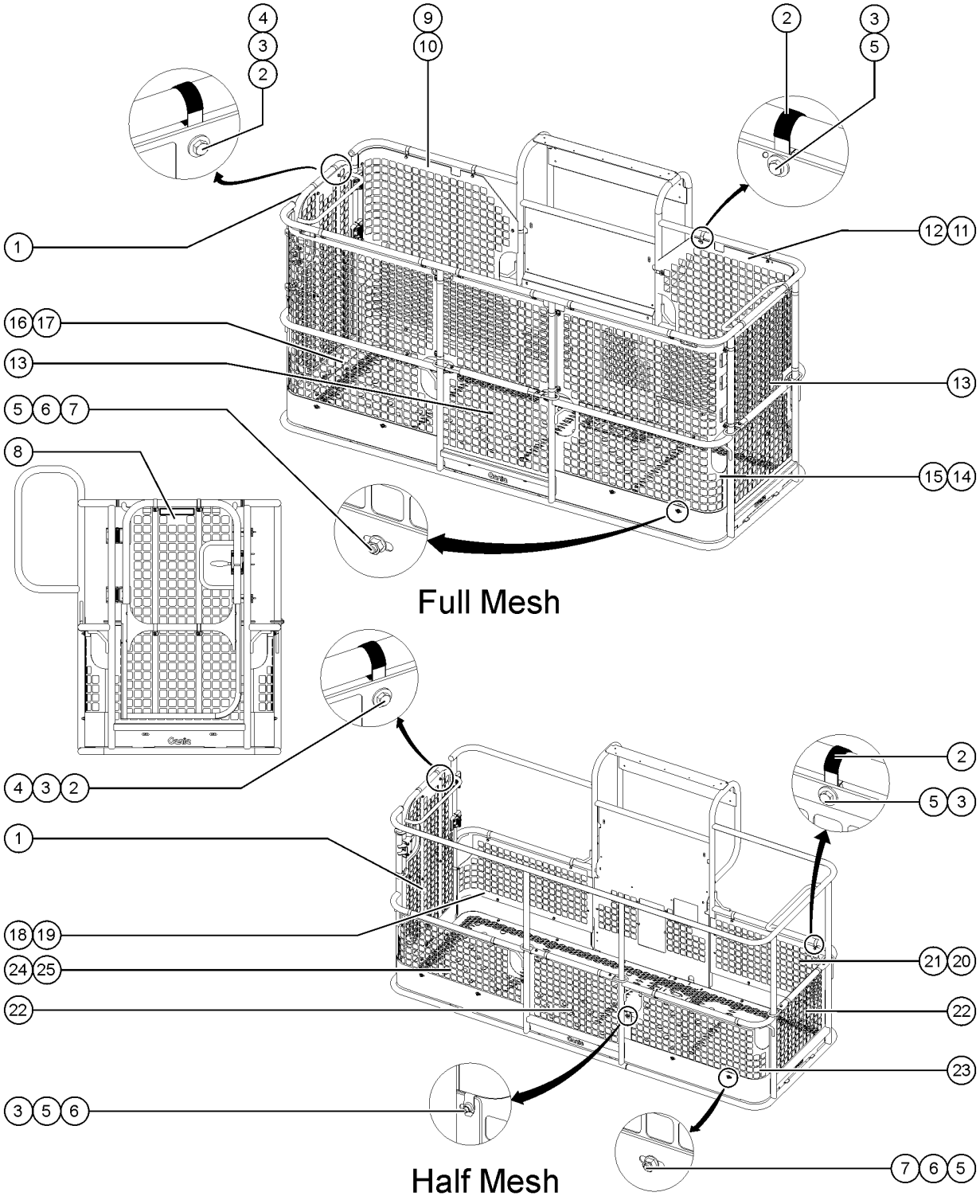
Item	Part No.	Description	Qty.
	53156GT	COLD START,FORD, BIG BOOM	
	53982GT	COLD START PKG,PERKINS,BB	
	53159-SGT	COLD START PKG,DEUTZ,BIG BOOM	
1	28853GT	BLANKET,BATTERY	2
2	31408GT	GLOW PLUG,L1011 Deutz Diesel models	1
3	27246GT	BOOT,TOGGLE SWITCH,SHORT* Deutz Diesel models	1
4	32726GT	DECAL,OPTION GLOW PLUGS*** Deutz Diesel models	1
5	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM includes mounting fasteners; Deutz Diesel models	1
6	35610GT	HEATER,FREEZE PLUG,FORD LRG423 Gasoline/LPG models	1
7	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG Deutz Diesel models	2
8	27155GT	SOLENOID,12V CONTINUOUS*** Deutz Diesel models	1

807.1 Load Sensor Option



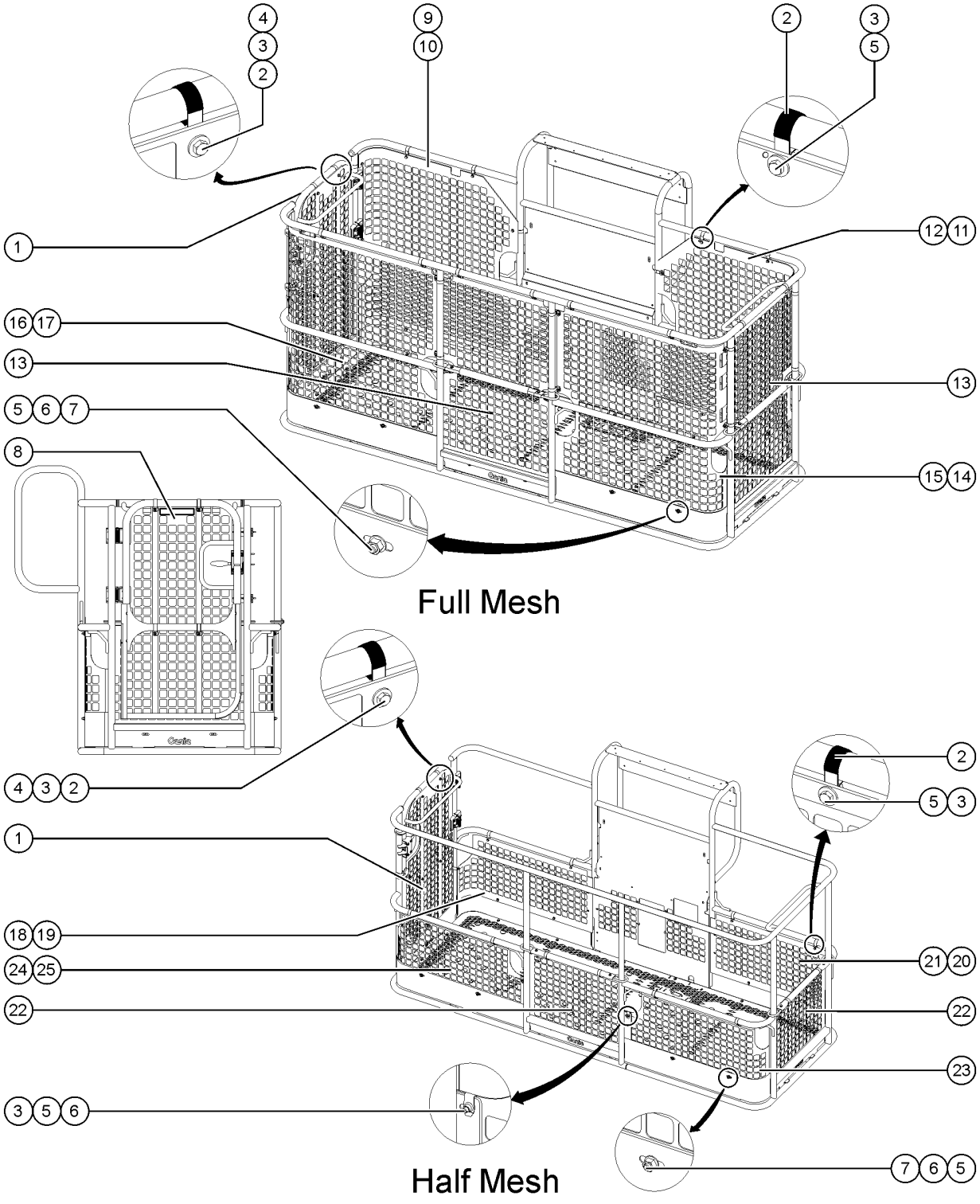
Item	Part No.	Description	Qty.
	102093GT	KIT,LOADSENSE,UPGRD,S40/45 OEM from SN 6345 to 7000	
1	824879GT	LIGHT,LED IND. RED 12V NH Diesel models	1
1-	229567GT	PLUG,SANTOPRENE .5 BLACK DOME Gasoline/LPG models	1
2	824879GT	LIGHT,LED IND. RED 12V NH Gasoline/LPG models	1
2-	229567GT	PLUG,SANTOPRENE .5 BLACK DOME Diesel models	1
3		Ref. MODULE,LOAD SENSE,W/12V RELAY (Component no longer available)	1
4	56765GT	LOAD CELL BENDING TYPE no longer available	1
5	8255GT	SCREW,HHC,3/8-16 X .75	2
6	57201GT	WASHER,FLAT,313, HARDENED	2
7	63397GT	BLOCK,LOAD SENSOR	2
8	12344GT	NUT,NYLOCK,6-32	4
9	49820GT	SCREW,PHILLIPS,PHM,6-32 X .5	4
10	42646GT	GROMMET,RUBBER .25 X .50"OD	1

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



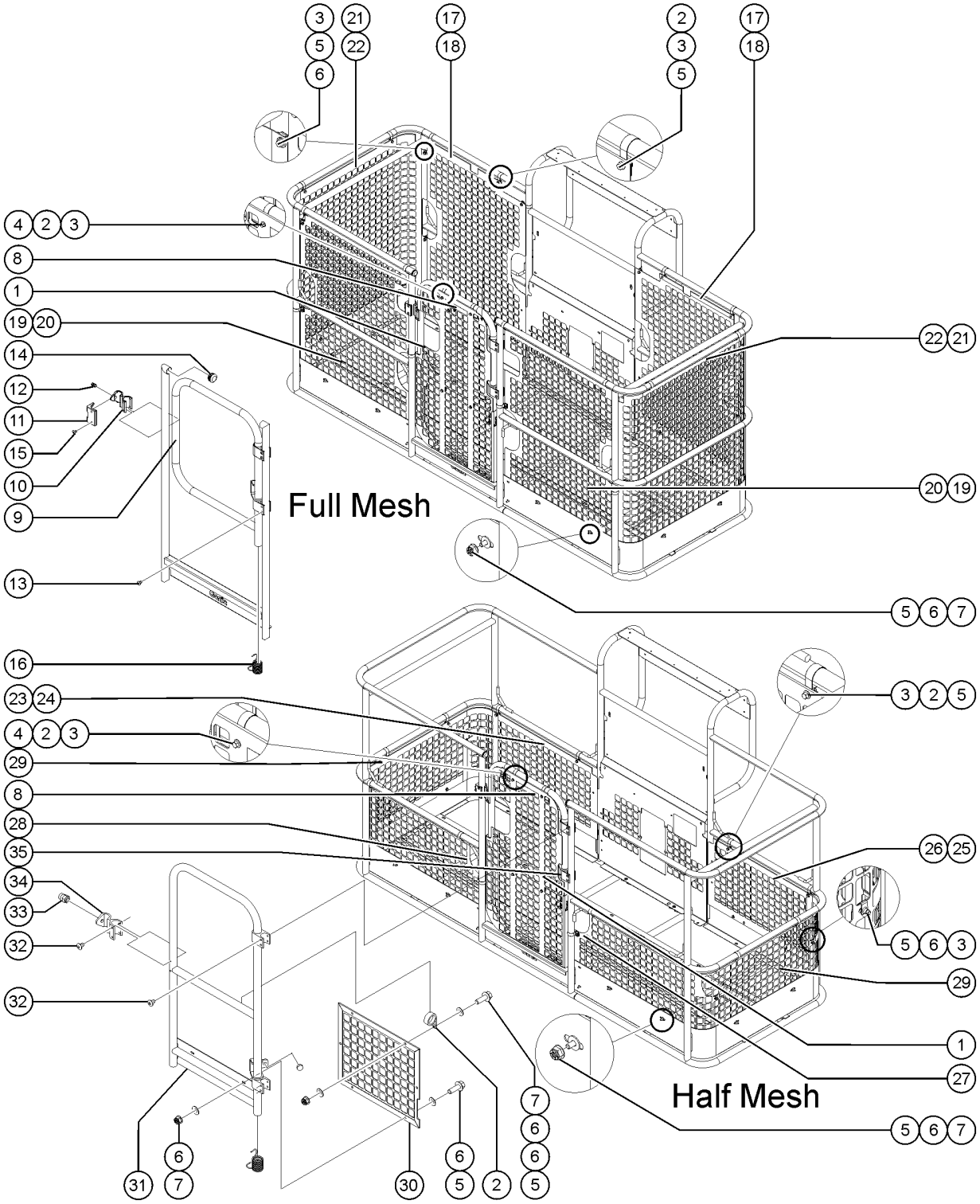
Item	Part No.	Description	Qty.
-	1286622GT	KIT, 6' FULL MESH,SIDE GATE	
-	1275282GT	KIT, 6' HALF MESH,SIDE GATE	
-	1283049GT	KIT, 8' FULL MESH,SIDE GATE	
-	1275281GT	KIT, 8' HALF MESH,SIDE GATE	
1	1278793GT	WELDMENT,PLATFORM MESH GATE	1
2	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	
3	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG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

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



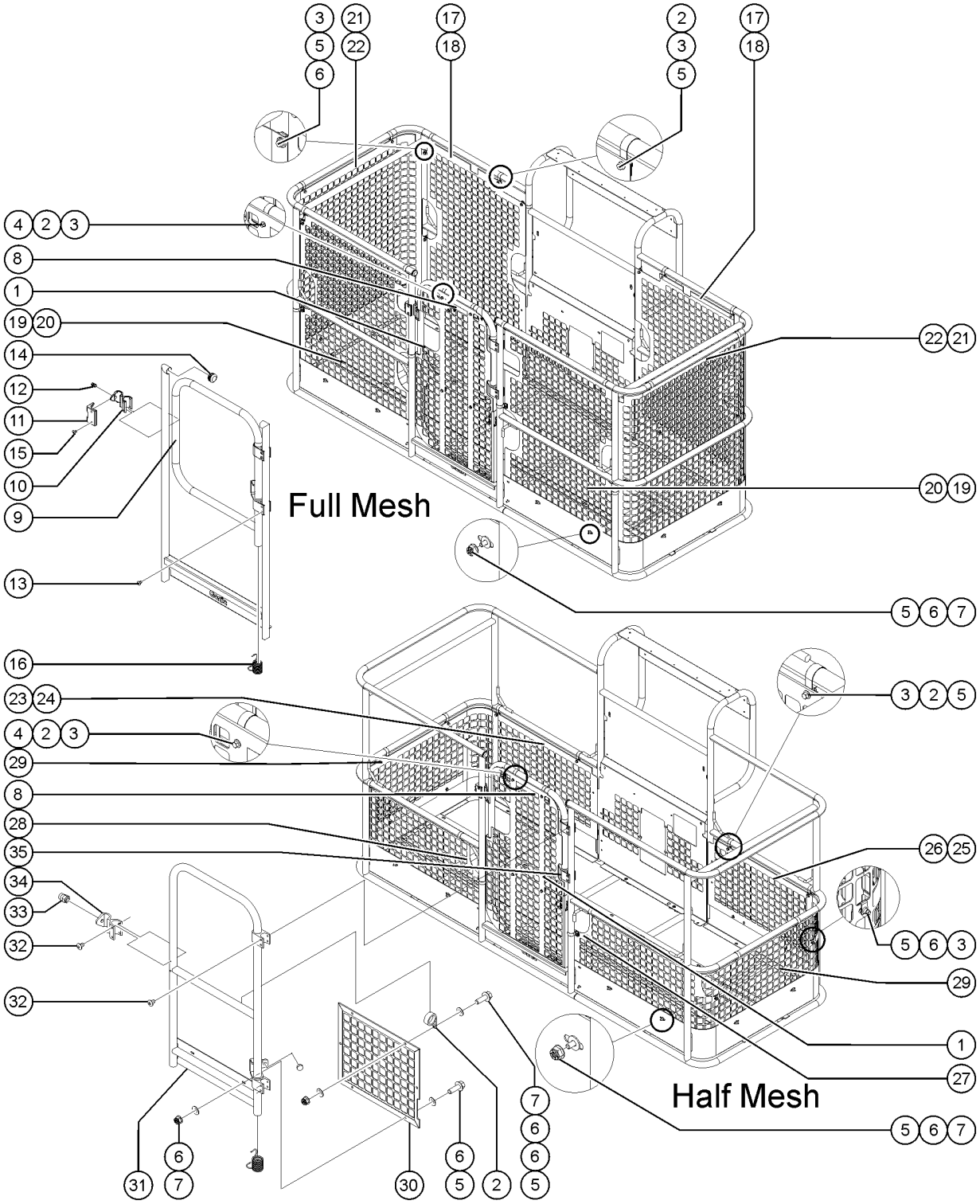
Item	*Part No.*	*Description*	*Qty.*
22	1271061GT	PANEL, HALF MESH 6 feet platform (front only)	1
22-	1271061GT	PANEL, HALF MESH 8 feet platform (side & front)	2
23	1271018GT	PANEL, HALF MESH 8 feet platform	1
24	1270316GT	PANEL, HALF MESH 6 feet platform	1
25	1271040GT	PANEL, HALF MESH 8 feet platform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

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



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

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



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

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5094GT	259
5224GT	233
5365GT	49, 81, 115, 123
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6019GT	99, 153, 159, 179, 183, 187...
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6024GT	103, 107, 129, 153, 197, 201...
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6037GT	109, 119
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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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