



A TEREX BRAND

Parts Manual

Serial Number Range

Z-45/22 MP

from 641 to 9999

Part No. 31496GT
Rev: B.06
September 2023

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

Serial Number Information

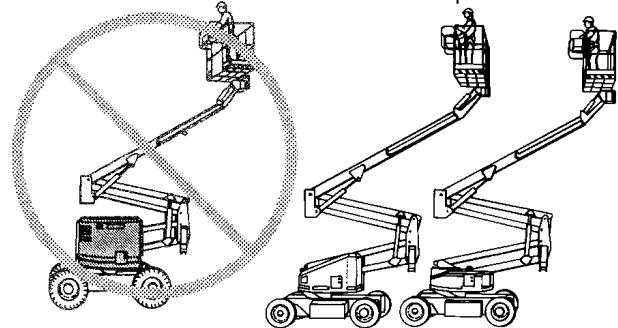
Important - Verify Correct Manual

This parts manual covers the Genie Z-45/25 MP models with the following power options introduced in 1993:

- DC POWER
- or
- DIESEL, BI-FUEL (Kubota Diesel/DC)
- or
- GAS/LPG, TRI-FUEL (Kubota Gasoline/LPG/DC)

Look for the power option listed on the turntable cover or the serial number plate.

Do not use this parts manual with the Genie Z-45/22 2WD or 4WD models introduced in 1991. Compare turntable cover size and shape.



Do not read any further until you have verified that this is the correct parts manual for this machine.

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First Edition, Second Printing

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 Printed on recycled paper

Genie Z-45/22

Model	Unladen weight
☐ DC	13910 lbs / 6309 kg
☐ Bi-Fuel	14770 lbs / 6699 kg
☐ Diesel	13651 lbs / 6192 kg
☐ Tri-Fuel	14650 lbs / 6645 kg
☐ Gas / LPG	13531 lbs / 6137 kg

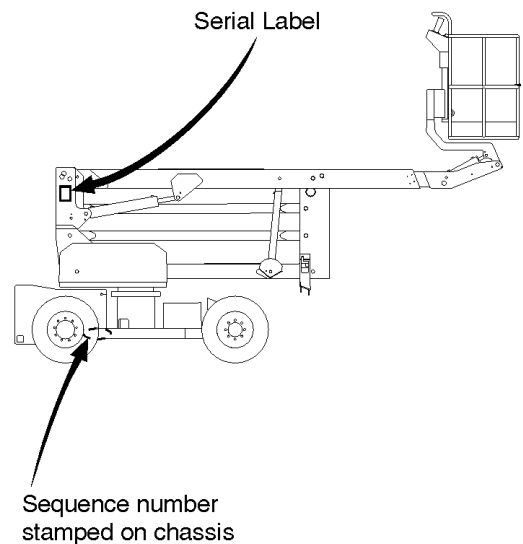
- ☐ Serial number:
- ☐ Manufacture date: Model year:
- ☐ External voltage and frequency:
- ☐ Electrical Schematic Number:
- ☐ Maximum load: 500 lbs / 227 kg
- ☐ Maximum occupants: 2
- ☐ Occupants and equipment must not exceed 500 lbs / 227 kg
- ☐ Maximum platform height: 45 ft / 13.72 m
- ☐ Maximum horizontal reach: 23 ft / 7.0 m
- ☐ Transport height: 6 ft 6 in / 2.0 m
- ☐ Maximum allowable incline of machine when boom is raised: 0 degrees
- ☐ Maximum allowable wind speed: 28 mph / 12.5 m/s
- ☐ Maximum allowable side force on platform: 150 lbs / 667 N
- ☐ Maximum hydraulic drive pressure: 3500 psi / 241 bar
- ☐ Maximum hydraulic lift pressure: 2200 psi / 152 bar
- ☐ Maximum pressure for optional external pneumatic line: 110 psi / 7.58 bar
- ☐ This machine is manufactured to comply with the latest issues of ANSI A92.5 and CAN B.354.4

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

29797 F

Z4522 91 - 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

Required Parts

The following parts are required to perform maintenance procedures as outlined in the *Genie Z-45/22 Service Manual*.

Description	Part No.
Plug and Cap Kit (for ORFS fittings).....	33994
Hydraulic Tank Filter Element Kit.....	48470
Filter, Hydraulic Medium Pressure.....	20880
Lithium Based Grease.....(source locally)	
Dielectric Grease.....	66399
Drive Hub Oil (refer to Service Manual) ..(source locally)	
Deutsch Repair Kit (small).....	58253
Deutsch Repair Kit (large)	83129
O-Ring Kit.....	25375
Safety Chock.....	36555

Kubota Gas Engine Models:

Description	Part No.
Air Filter Element.....	22107
Engine Oil Filter.....	22106
V-belt	22831

Kubota Diesel Engine Models

Description	Part No.
Engine Oil Filter.....	22106
Air Filter Element.....	31745
V-Belt	32196
Glow Plug	28058

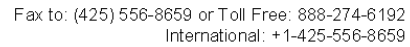
Recommended Parts

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

Manuals

Genie offers the following support documents for these models:

Title	Part No.
Genie Z-45/22 MP Operator's Manual (from serial number 641 to 4762)	31063
Genie Z-45/22 MP Operator's Manual (from serial number 4763 to 9999)	43640
Genie Z-45/22 MP Service Manual	31497
Kubota WG-750 Workshop Manual	31741
Kubota WG-750 Operator's Manual	31740
Kubota WG-905 Workshop Manual	31742
Kubota WG-905 Operator's Manual	31743
EMI Safety Manual	27581
Manual of Responsibilities	
ANSI A92.5	31779



Date _____	Account Number _____
Your Name _____	Your Fax Number _____
_____	Your Phone Number _____
Bill To _____	Ship To _____
_____	_____
_____	_____
_____	_____
Purchase Order Number _____	Ship Via _____

Optional Equipment _____

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☐ Ship complete order only - No back orders

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

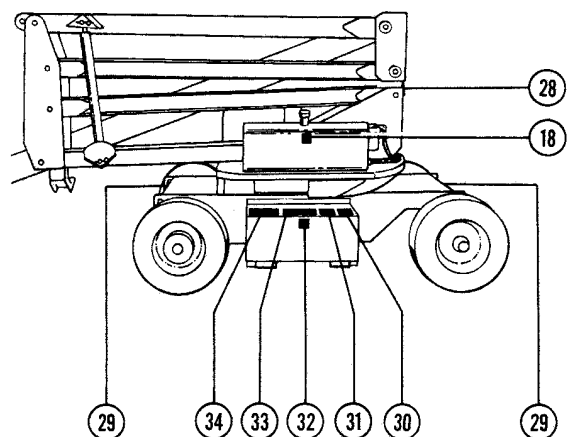
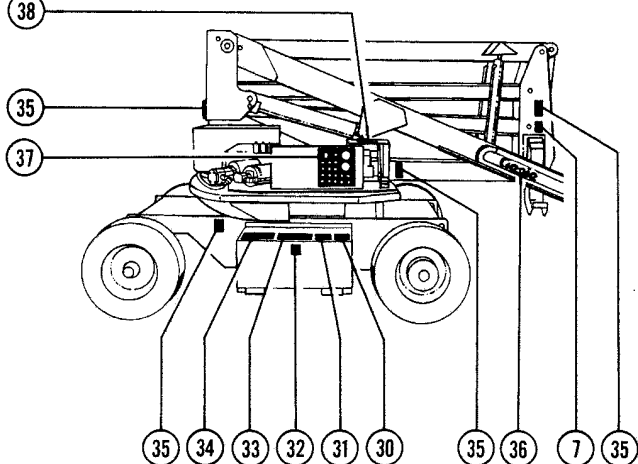
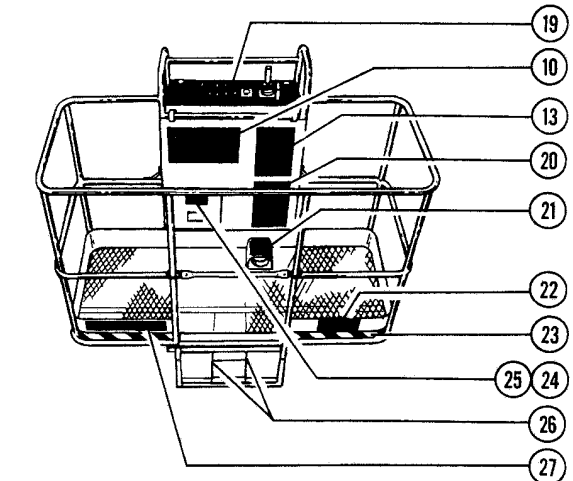
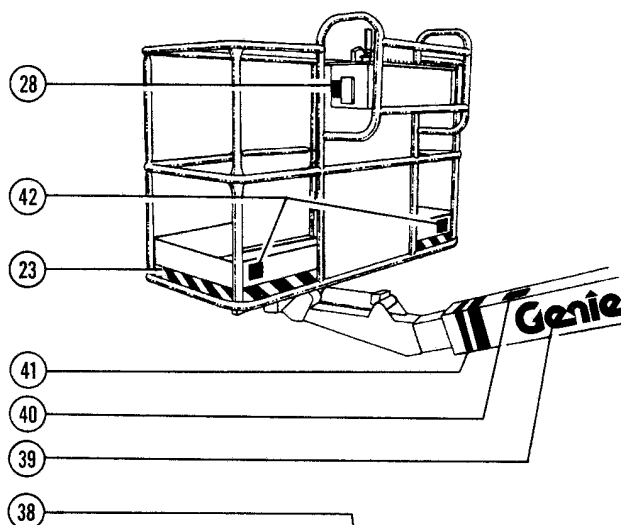
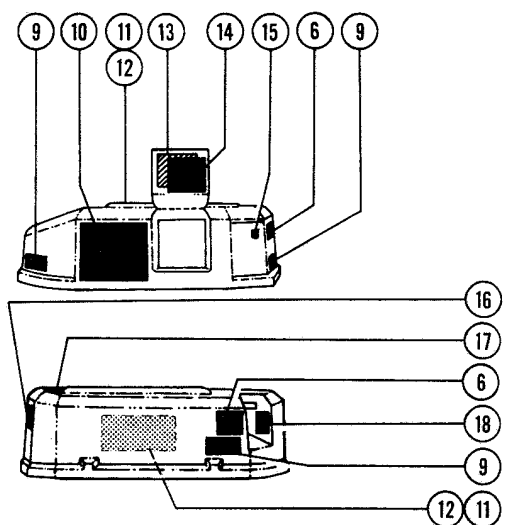
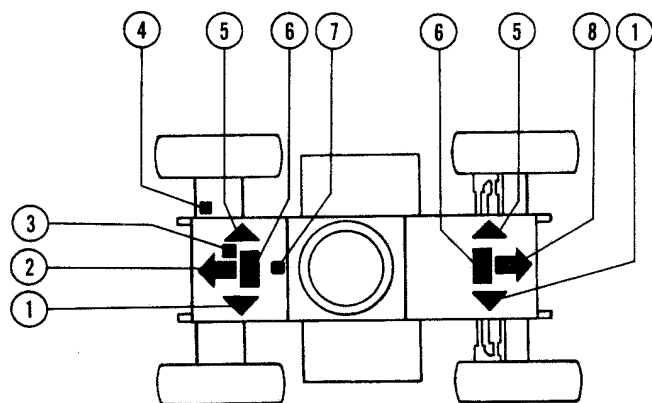
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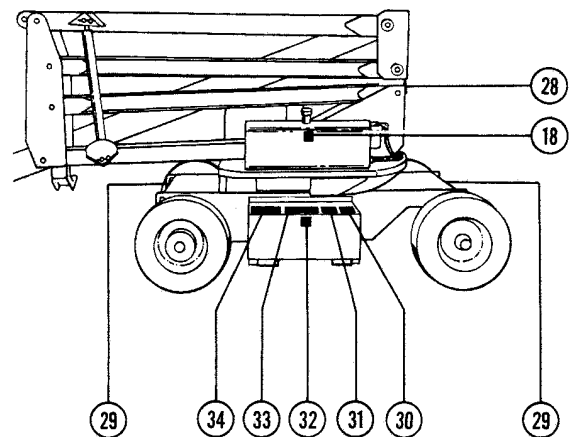
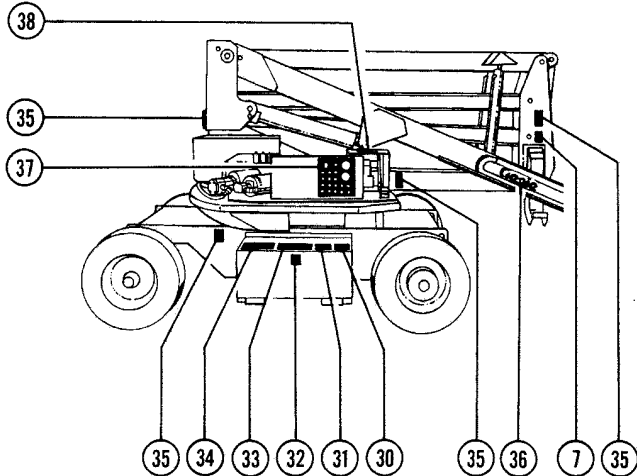
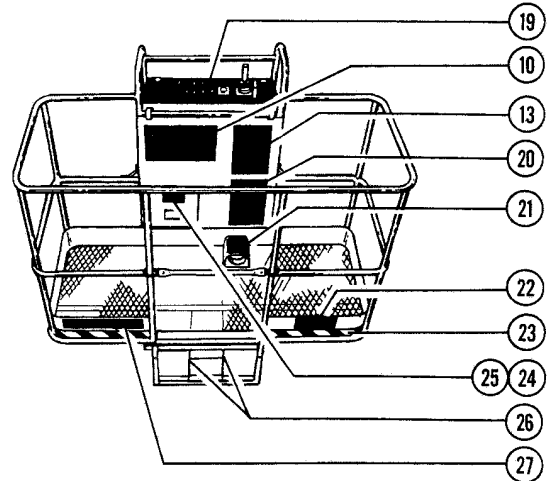
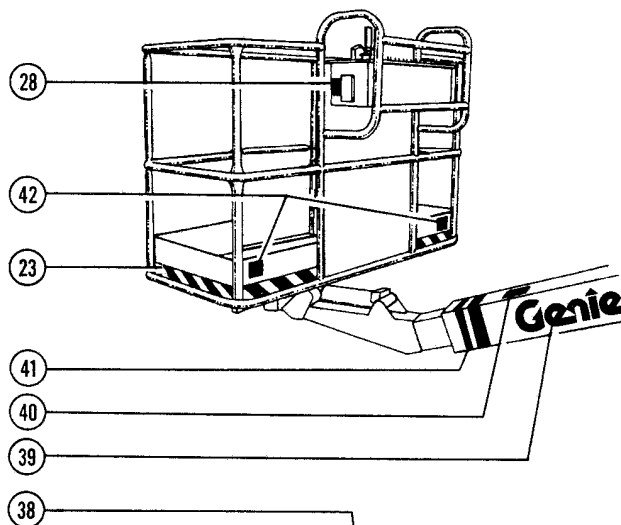
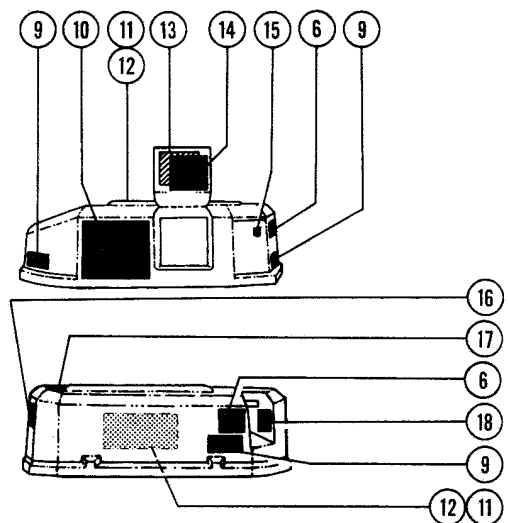
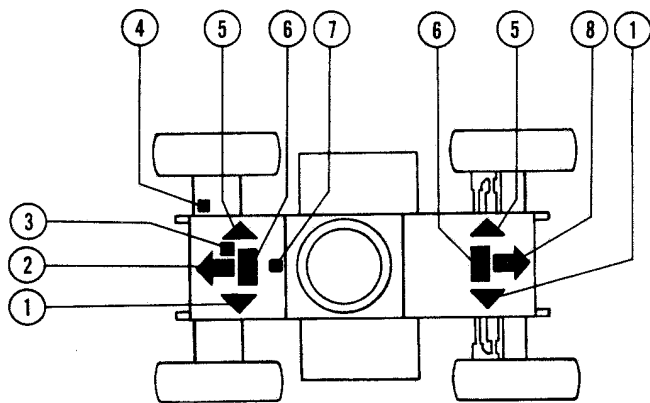
101.1 Decals and Paint - DC Models



101.1 Decals and Paint - DC Models

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
	32059GT	DECAL KIT,SAFETY/INSTRU,DC	
	32054GT	DECAL KIT,COSMETIC,DC	
	32150GT	PAINT, WET, GENIE BLUE (1 GL)**	
	1484GT	PAINT, AEROSOL, BRIGHT BLUE***	
	32151GT	PAINT, WET, GENIE GRAY (1GL)**	
	1268GT	PAINT, AEROSOL, GENIE GRAY***	
1	27207GT	DECAL,TRIANGLE,YELLOW	2
2	27205GT	DECAL,ARROW YELLOW LRG 9"	1
3	31066GT	DECAL,CAUTION,COMP.N.DAMAGE	1
4	31508GT	DECAL,DANGER,ELECT HAZARD,PLUG	1
5	27206GT	DECAL,TRIANGLE,BLUE	2
6	28175GT	DECAL,WARNING-COMPART ACCESS	4
7	28179GT	DECAL,WARN,DON'T ALTER LIMIT	2
8	27204GT	DECAL,ARROW BLUE	1
9	25980GT	DECAL,ELECTROCUTION HAZARD	3
10	29800GT	2ECAL,DANGER,GEN.SAFETY RULES	2
11	31163GT	DECAL,Z, Z45MP	2
12	31166GT	DECAL,GENIE/DC POWER	2
13	29801GT	DECAL,NOTICE,PRE-OPER.,Z45MP	2
14	29796GT	DECAL,OPER.INSTRUC,GRND,Z45MP	1
15	31784GT	DECAL,NOTICE,TIRE SPECS,Z34DC	1
16	28173GT	DECAL,WARN,STAY CLEAR MAST	1
17	29803GT	DECAL,NOTICE,HAZARD.MATLS.DC	1
18	28157GT	DECAL,USE DEXRON***	2
19	29799GT	DECAL,PLAT.CONTROL PANEL,Z45MP	1
20	29798GT	DECAL,OPER.INSTRUC,PLAT,Z45MP	1
21	31053GT	DECAL,NOTICE,FOOT SWITCH	1
22	97887GT	DECAL,INSTR,MAX SIDE FRC,ANSI	1

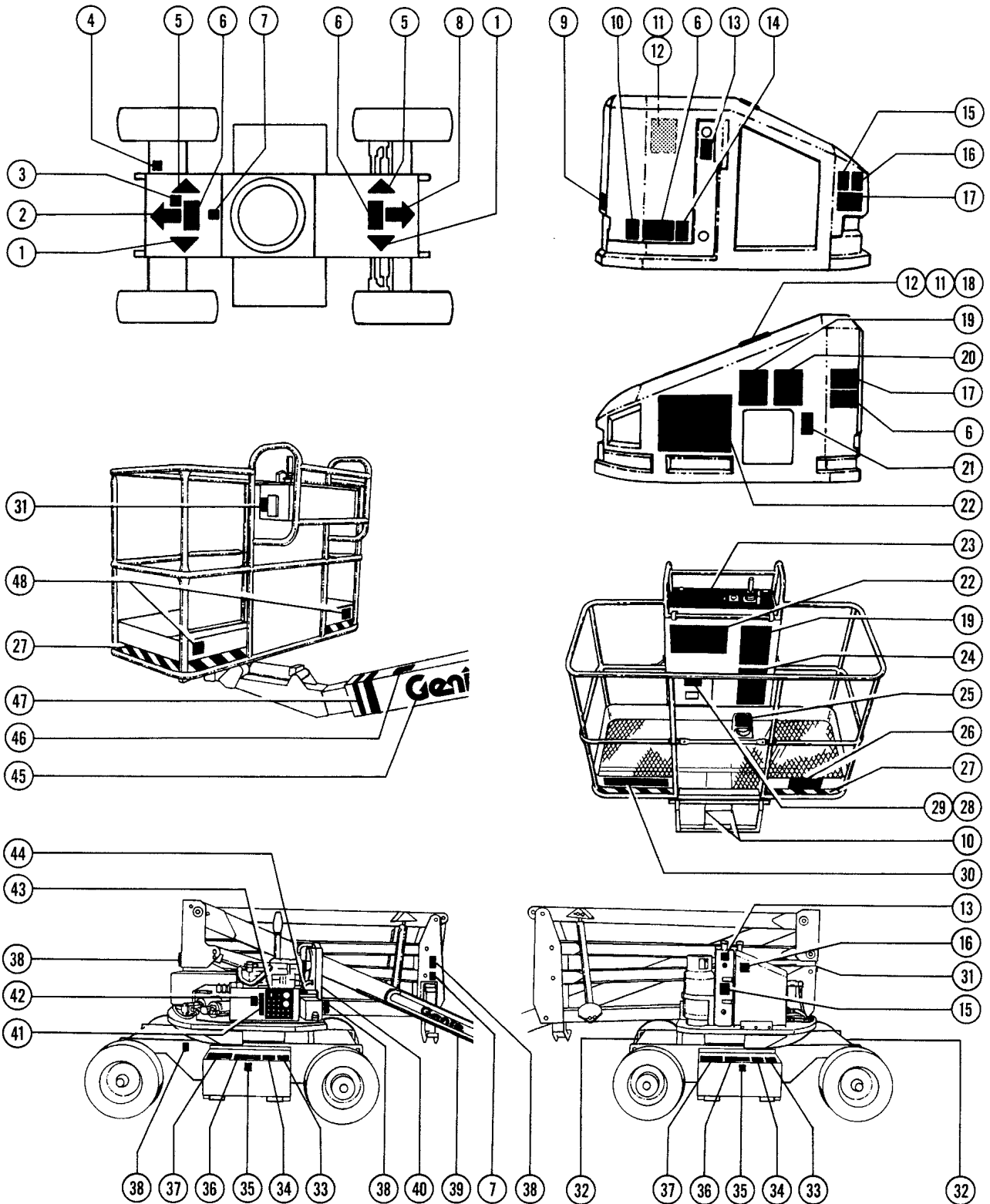
101.1 Decals and Paint - DC Models



101.1 Decals and Paint - DC Models

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
23	33550GT	TAPE,WARNING,BLK/YEL, 50'***	1
24	28236GT	DECAL,WARN,IMPROPER OPERATION	1
25	28176GT	DECAL,LABEL,MANUAL NOT HERE	1
26	31746GT	DECAL,DANGER,NO END MOUNT	2
27	30080GT	DECAL,NOTICE,MAX LOAD 500 LBS	1
28	28235GT	DECAL, POWER TO PLATFORM 115V**	2
28	28174GT	DECAL, POWER TO PLATFORM 230V**	2
29	21383GT	DECAL,GENIE BOOM,24.5",WHITE	2
30	29792GT	DECAL,NOTICE,CHARGER INSTRUC	2
31	29793GT	DECAL,NOTICE,BATT.CONN.DIAG	2
32	28372GT	DECAL,NOTICE,BATTERY CABLES	2
33	29794GT	DECAL,DANGER,REPLACE BATTERIES	2
34	31052GT	DECAL,DANGER,BATT.SAFETY,DC	2
35	28161GT	DECAL,WARN,CRUSH HAZARD HAND	4
36	28043GT	DECAL,GENIE Z45/22,4 X 39	1
37	30084GT	DECAL,GROUND CONTROL PANEL	1
38	31062GT	DECAL,NOTICE,AUX.CNTRL,Z45MP	1
39	28042GT	DECAL,GENIE Z45/22,6 X 59	1
40	28181GT	DECAL,WARN,FALL HAZARD	1
41	28044GT	DECAL,STRIPE,6 X 21.4,WHITE	1
42	28177GT	DECAL,WARN,CRUSH HAZARD PLAT	2

102.1 Decals and Paint - Engine Models

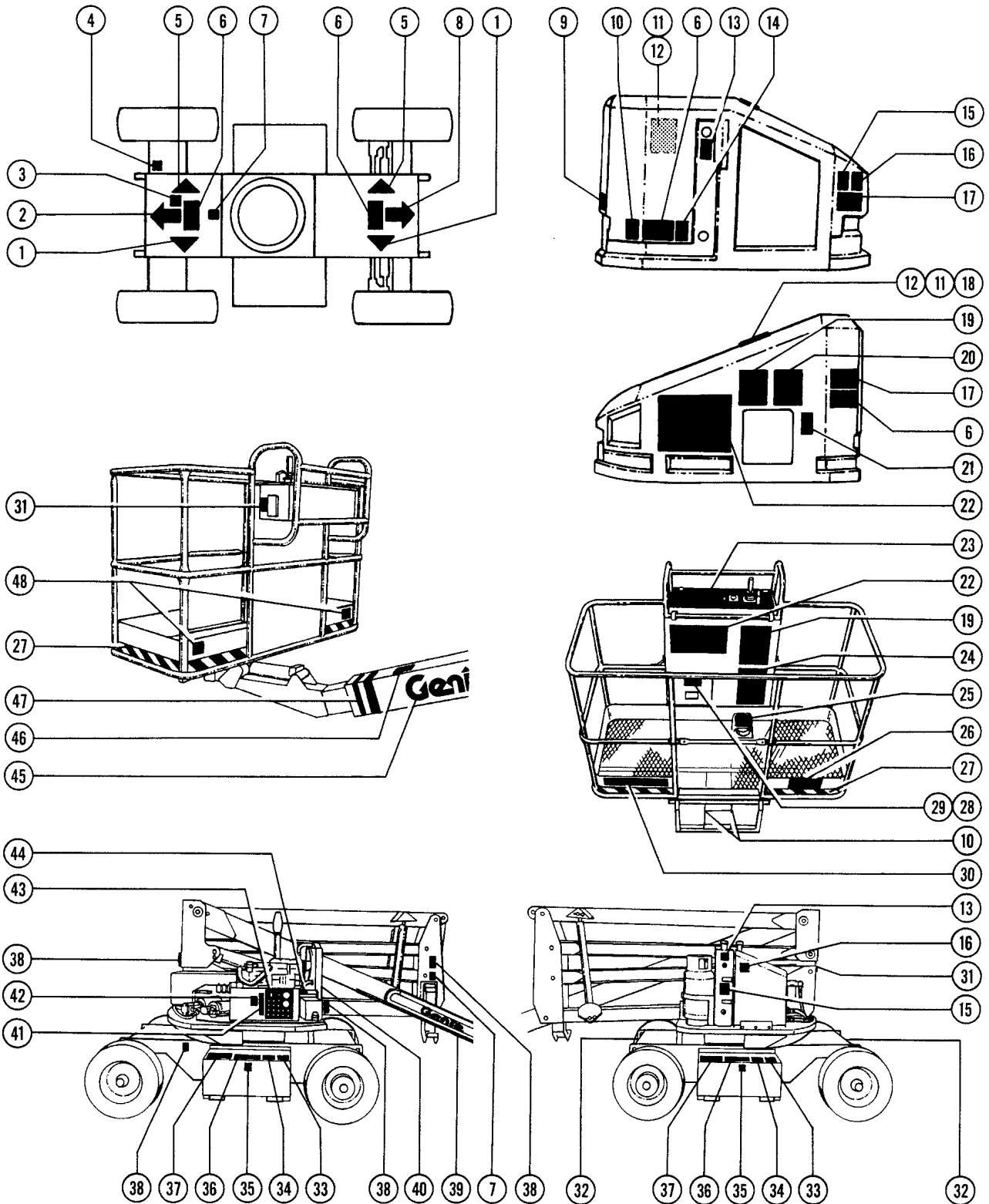


102.1 Decals and Paint - Engine Models

Item	Part No.	Description	Qty.
	32060GT	DECAL KIT,SAFETY/INSTR,TRIFUE Tri-fuel Models	
	32055GT	DECAL KIT,COSMETIC,TRI-FUEL Tri-fuel Models	
	32061GT	DECAL KIT,SAFETY/INSTRU,BIFUE Bi-fuel Models	
	32056GT	DECAL KIT,COSMETIC,BI-FUEL Bi-fuel Models	
	32062GT	DECAL KIT,SAFETY/INSTRU,GASLP Gas/LPG Models	
	32057GT	DECAL KIT, COSMETIC Gas/LPG Models	
	32063GT	DECAL KIT,SAFETY/INSTRU,DIESE Diesel Models	
	32058GT	DECAL KIT,COSMETIC,DIESEL Diesel Models	
	32150GT	PAINT, WET, GENIE BLUE (1 GL)**	
	1484GT	PAINT, AEROSOL, BRIGHT BLUE***	
	32151GT	PAINT, WET, GENIE GRAY (1GL)**	
	1268GT	PAINT, AEROSOL, GENIE GRAY***	
1	27207GT	DECAL,TRIANGLE,YELLOW Decals - All Engine Models	2
2	27205GT	DECAL,ARROW YELLOW LRG 9" Decals - All Engine Models	1
3	31066GT	DECAL,CAUTION,COMP.N.DAMAGE Decals - All Engine Models	1
4		Model specific decal, refer to page 1-9 or 1-11 Decals - All Engine Models	1
5	27206GT	DECAL,TRIANGLE,BLUE Decals - All Engine Models	2
6	28175GT	DECAL,WARNING-COMPART ACCESS Decals - All Engine Models	4
7	28179GT	DECAL,WARN,DON'T ALTER LIMIT Decals - All Engine Models	2
8	27204GT	DECAL,ARROW BLUE Decals - All Engine Models	1
9	28173GT	DECAL,WARN,STAY CLEAR MAST Decals - All Engine Models	1
10	31746GT	DECAL,DANGER,NO END MOUNT Decals - All Engine Models	3
11	31163GT	DECAL,Z, Z45MP Decals - All Engine Models	2
12		Model specific decals, refer to page 1-9 or 1-11 Decals - All Engine Models	2
13		Model specific decals, refer to page 1-9 or 1-11 Decals - All Engine Models	2
14	28164GT	DECAL,NOTICE,HAZARDOUS MAT'LS* Decals - All Engine Models	1
15	28171GT	DECAL,DANGER,NO SMOKING *** Decals - All Engine Models	2
16	28157GT	DECAL,USE DEXRON*** Decals - All Engine Models	2



102.1 Decals and Paint - Engine Models



102.1 Decals and Paint - Engine Models

Item	Part No.	Description	Qty.
17	25980GT	DECAL,ELECTROCUTION HAZARD Decals - All Engine Models	2
18	28239GT	DECAL,WARNING,BURN HAZARD Decals - All Engine Models	1
19	29801GT	DECAL,NOTICE,PRE-OPER.,Z45MP Decals - All Engine Models	2
20	29796GT	DECAL,OPER.INSTRUC,GRND,Z45MP Decals - All Engine Models	1
21	31784GT	DECAL,NOTICE,TIRE SPECS,Z34DC Decals - All Engine Models	1
22	29800GT	DECAL,DANGER,GEN.SAFETY RULES Decals - All Engine Models	2
23	29799GT	DECAL,PLAT.CONTROL PANEL,Z45MP Decals - All Engine Models	1
24	29798GT	DECAL,OPER.INSTRUC,PLAT,Z45MP Decals - All Engine Models	1
25	28165GT	DECAL,INSTRUCT,FOOTSWITCH OPER Decals - All Engine Models	1
26	37052GT	DECAL,NOTICE,MAX LOAD 500 LBS Decals - All Engine Models	1
27	33550GT	TAPE,WARNING,BLK/YEL, 50"*** Decals - All Engine Models	1
28	28236GT	DECAL,WARN,IMPROPER OPERATION Decals - All Engine Models	1
29	28176GT	DECAL,LABEL,MANUAL NOT HERE Decals - All Engine Models	1
30	37051GT	DECAL,NOTICE,SIDE FRC 150,ANSI Decals - All Engine Models	1
31	28235GT	DECAL, POWER TO PLATFORM 115V** Decals - All Engine Models	2
31	28174GT	DECAL, POWER TO PLATFORM 230V** Decals - All Engine Models	2
32	21383GT	DECAL,GENIE BOOM,24.5",WHITE Decals - All Engine Models	2
33		Model specific decals, refer to page 1-11 Decals - All Engine Models	2
34		Model specific decals, refer to page 1-11 Decals - All Engine Models	2
35		Model specific decals, refer to page 1-11 Decals - All Engine Models	2
36		Model specific decals, refer to page 1-11 Decals - All Engine Models	2
37		Model specific decals, refer to page 1-11 Decals - All Engine Models	2
38	28161GT	DECAL,WARN,CRUSH HAZARD HAND Decals - All Engine Models	4
39	28043GT	DECAL,GENIE Z45/22,4 X 39 Decals - All Engine Models	1
40	31062GT	DECAL,NOTICE,AUX.CNTRL,Z45MP Decals - All Engine Models	1
41		Model specific decal, refer to page 1-11 Decals - All Engine Models	1
42	28162GT	DECAL,WARNING,CRUSHING Decals - All Engine Models	1
43	30084GT	DECAL,GROUND CONTROL PANEL Decals - All Engine Models	1

This diagram illustrates the assembly of a Genie boom lift. It includes a top view of the chassis (1-8), a side view of the boom (9-17), a front view of the basket (18-29), and a side view of the chassis (30-48). The components are numbered as follows:

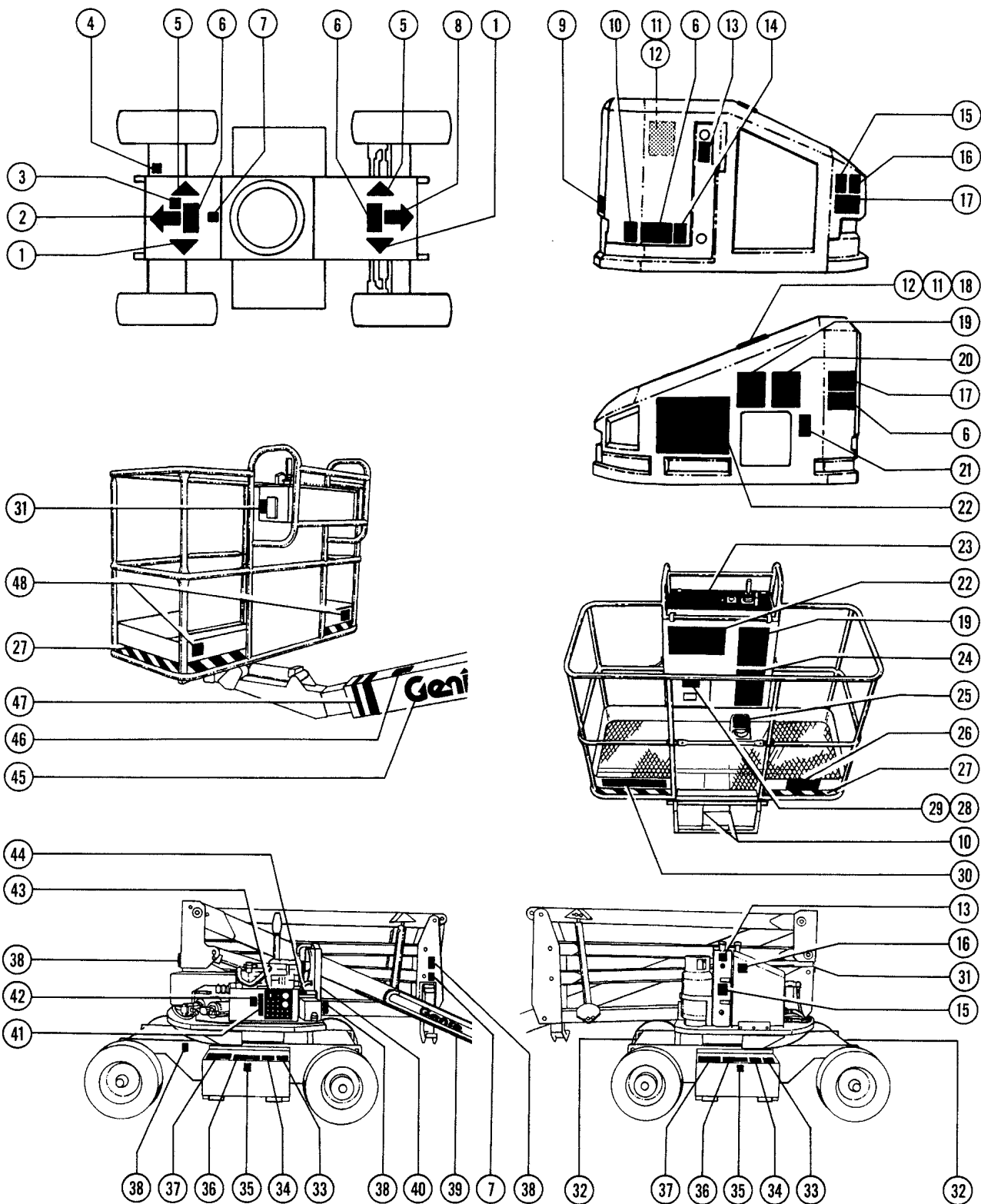
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- 2: Chassis base
- 3: Chassis base
- 4: Chassis base
- 5: Chassis base
- 6: Chassis base
- 7: Chassis base
- 8: Chassis base
- 9: Boom
- 10: Boom
- 11: Boom
- 12: Boom
- 13: Boom
- 14: Boom
- 15: Boom
- 16: Boom
- 17: Boom
- 18: Basket
- 19: Basket
- 20: Basket
- 21: Basket
- 22: Basket
- 23: Basket
- 24: Basket
- 25: Basket
- 26: Basket
- 27: Basket
- 28: Basket
- 29: Basket
- 30: Chassis base
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- 33: Chassis base
- 34: Chassis base
- 35: Chassis base
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- 37: Chassis base
- 38: Chassis base
- 39: Chassis base
- 40: Chassis base
- 41: Chassis base
- 42: Chassis base
- 43: Chassis base
- 44: Chassis base
- 45: Chassis base
- 46: Chassis base
- 47: Chassis base
- 48: Chassis base

102.1 Decals and Paint - Engine Models

Item	Part No.	Description	Qty.
44	28170GT	DECAL,DANGER,BATT SAFE BOOM Decals - All Engine Models	1
45	28042GT	DECAL,GENIE Z45/22,6 X 59 Decals - All Engine Models	1
46	28181GT	DECAL,WARN,FALL HAZARD Decals - All Engine Models	1
47	28044GT	DECAL,STRIPE,6 X 21.4,WHITE Decals - All Engine Models	1
48	28177GT	DECAL,WARN,CRUSH HAZARD PLAT Decals - All Engine Models	2
4	31508GT	DECAL,DANGER,ELECT HAZARD,PLUG Decals - Tri-fuel Models	1
10	28160GT	DECAL,LABEL,LIQUID PROPANE Decals - Tri-fuel Models	1
12	31169GT	DECAL,GENIE/TRI-FUEL Decals - Tri-fuel Models	2
13	28158GT	DECAL,LABEL,UNLEADED GAS ONLY Decals - Tri-fuel Models	2
33	29793GT	DECAL,NOTICE,BATT.CONN.DIAG Decals - Tri-fuel Models	2
34	29794GT	DECAL,DANGER,REPLACE BATTERIES Decals - Tri-fuel Models	2
35	28372GT	DECAL,NOTICE,BATTERY CABLES Decals - Tri-fuel Models	2
36	29792GT	DECAL,NOTICE,CHARGER INSTRUC Decals - Tri-fuel Models	2
37	31052GT	DECAL,DANGER,BATT.SAFETY,DC Decals - Tri-fuel Models	2
41	31055GT	DECAL,NOTICE,KUBOTA GAS SPECS Decals - Tri-fuel Models	1
4	31508GT	DECAL,DANGER,ELECT HAZARD,PLUG Decals - Bi-fuel Models	1
12	31167GT	DECAL,GENIE/BI-FUEL Decals - Bi-fuel Models	2
13	28159GT	DECAL,DIESEL Decals - Bi-fuel Models	2
33	29793GT	DECAL,NOTICE,BATT.CONN.DIAG Decals - Bi-fuel Models	2
34	29794GT	DECAL,DANGER,REPLACE BATTERIES Decals - Bi-fuel Models	2
35	28372GT	DECAL,NOTICE,BATTERY CABLES Decals - Bi-fuel Models	2
36	29792GT	DECAL,NOTICE,CHARGER INSTRUC Decals - Bi-fuel Models	2
37	31052GT	DECAL,DANGER,BATT.SAFETY,DC Decals - Bi-fuel Models	2
41	31054GT	DECAL,NOTICE,KUBOTA DIE.SPECS Decals - Bi-fuel Models	1
12	31168GT	DECAL,GENIE/GAS/LPG Decals - Gas/LPG Models	2
10	28160GT	DECAL,LABEL,LIQUID PROPANE Decals - Gas/LPG Models	1
13	28158GT	DECAL,LABEL,UNLEADED GAS ONLY Decals - Gas/LPG Models	2
41	31055GT	DECAL,NOTICE,KUBOTA GAS SPECS Decals - Gas/LPG Models	1



102.1 Decals and Paint - Engine Models

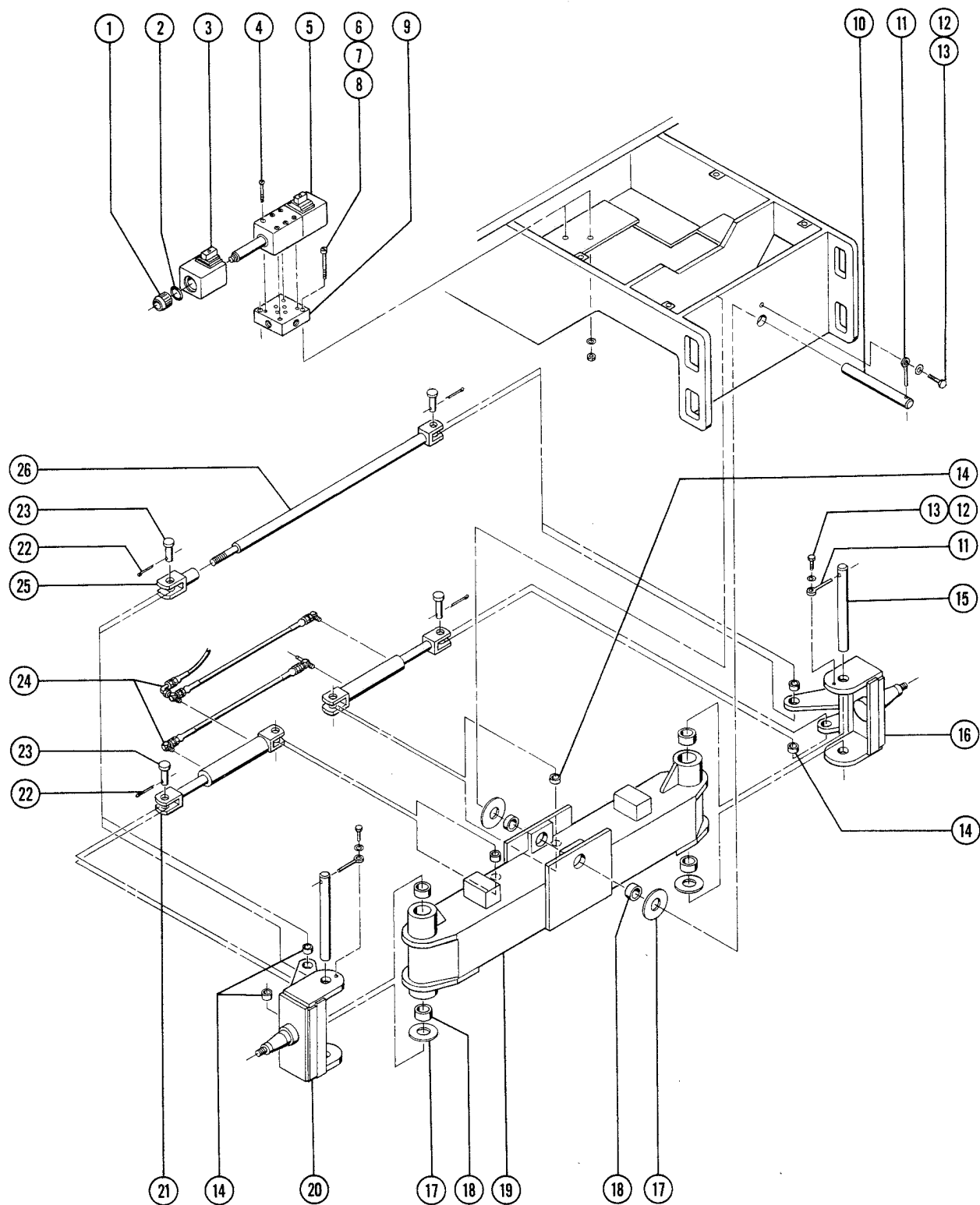


102.1 Decals and Paint - Engine Models

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
12	31170GT	DECAL,GENIE/DIESEL Decals - Diesel Models	2
13	28159GT	DECAL,DIESEL Decals - Diesel Models	2
41	31054GT	DECAL,NOTICE,KUBOTA DIE.SPECS Decals - Diesel Models	1



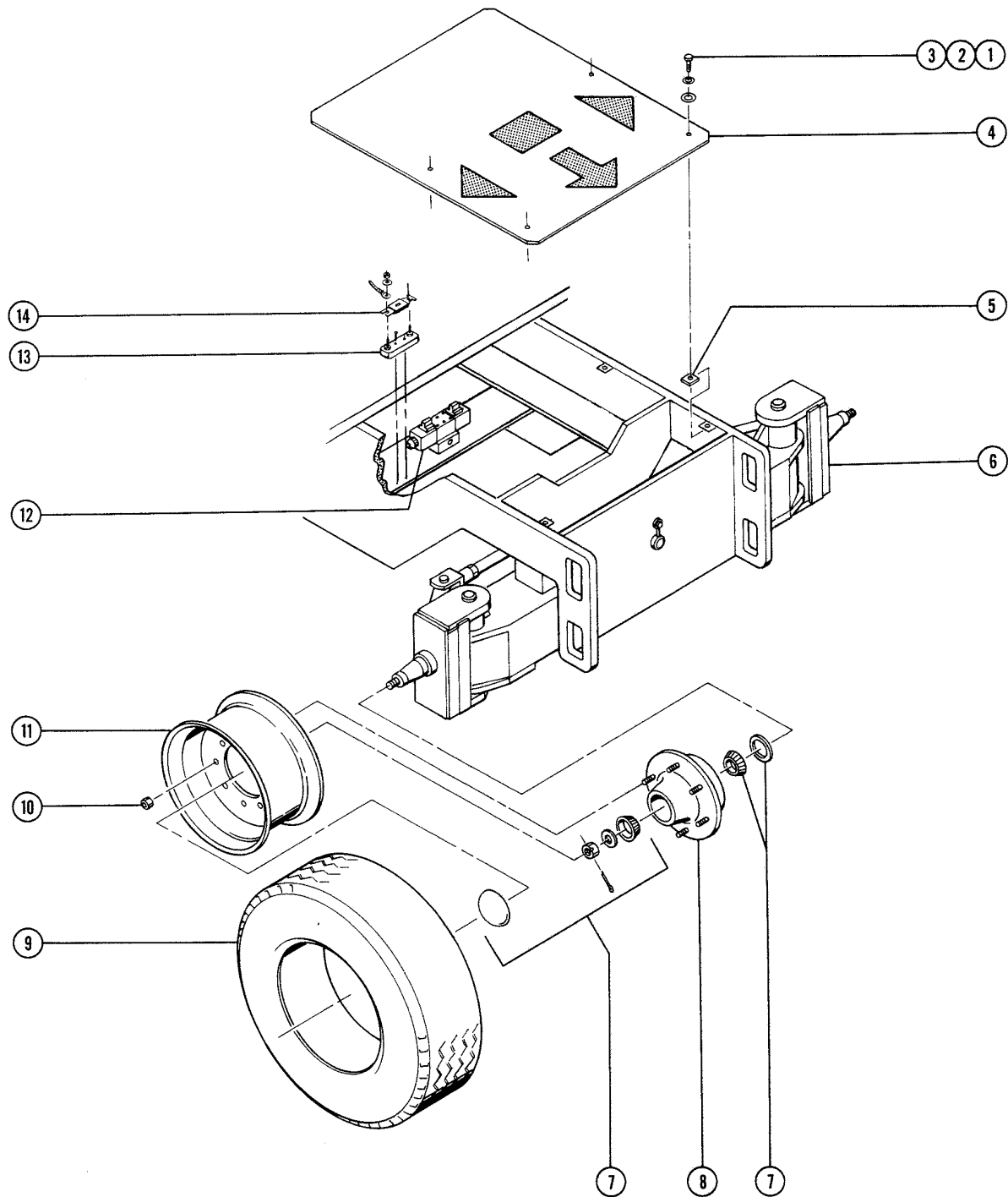
201.1 Steer Linkage



201.1 Steer Linkage

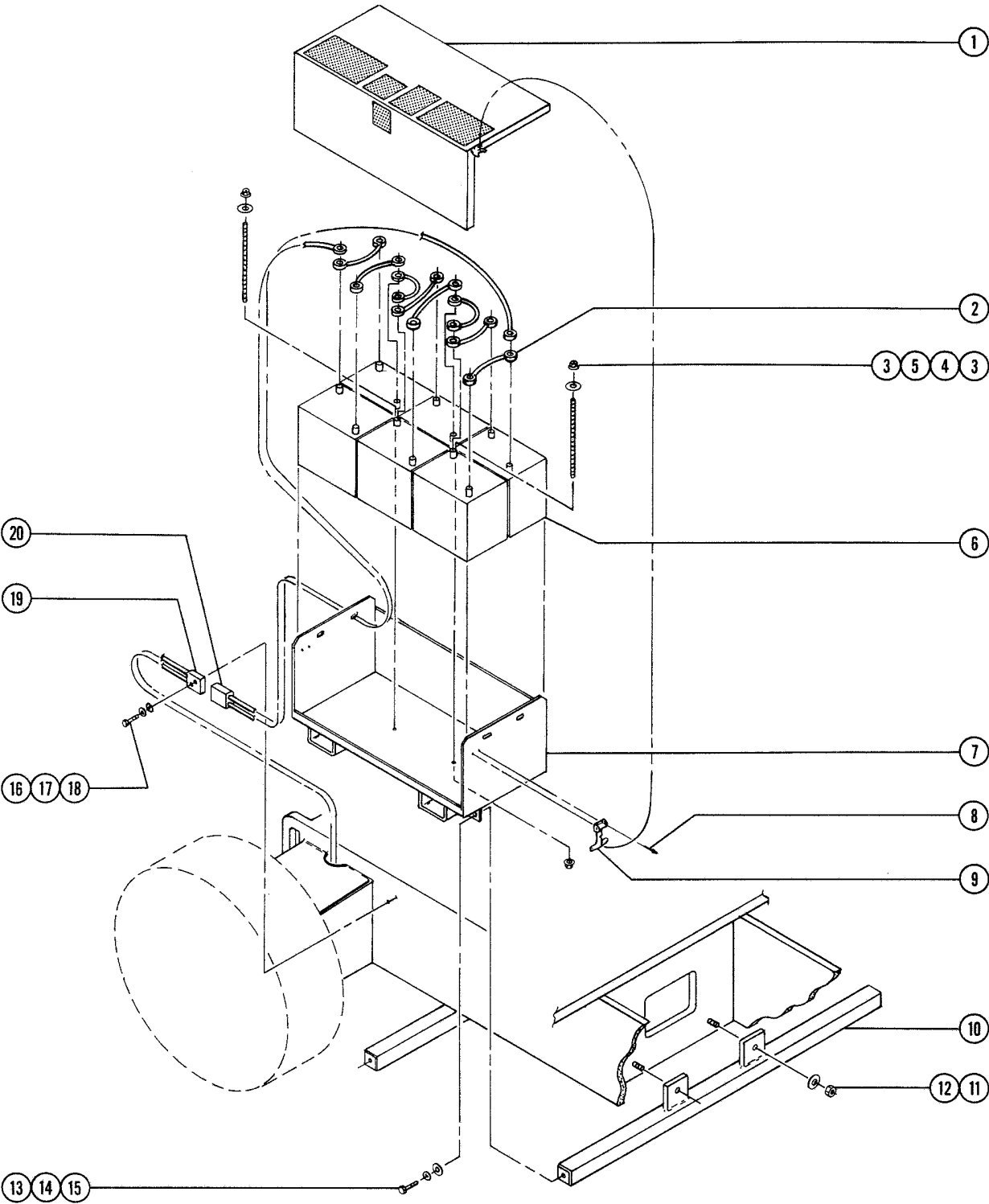
Item	Part No.	Description	Qty.
1	45913GT	NUT,DO1 VALVE	2
2	45914GT	O-RING, DO1 VALVE	2
3	223763GT	COIL WITH DE CONNECTOR	2
4	45916GT	SCREW,SHC,10-24 X 1.250 (D01)	4
5	146161GT	VALVE KIT,D03 includes index numbers 1 through 3	1
6	30444GT	SCREW,SHC,1/4-20 X 2	2
7	6638GT	WASHER, FLAT, USS, 1/4"Y	2
8	6091GT	NUT, NYLOCK, 1/4-20	2
9	24675GT	SUB PLATE (SPOOL VALVE)	1
10	29057GT	PIN,AXLE PIVOT,10.75 X 1.5"	1
11	825019GT	ROD END, .375X3.69, ZAG	3
12	8516GT	SCREW, HCC, 3/8-16 X 1.50	3
13	6021GT	WASHER,LOCK,.375	3
14	25817GT	BEARING,1.00IDX1.25ODX1.00L	6
15	25058GT	PIN,KING,14.5 X 1.5 INCH	2
16	27684GT	YOKE ASSY,L.H.,2WD W/BUSHINGS includes 2 each index number 14	1
17	45074GT	WASHER,THRUST,1.5 X 3.5 X .187	4
18	45071GT	BEARING,1.5IDX1.75ODX1.5L	6
19	27686GT	AXLE ASSY, RIGID FRONT (2WD) includes index numbers 14 and 18	1
20	27685GT	YOKE ASSY,RT.HAND W/BUSHINGS includes 2 each index number 14	1
21	24390GT	CYLINDER,STEER,2 X 6	2
21	45548GT	SEAL KIT (CYL PN 13078) BL	2
22	5361GT	PIN,COTTER,.125 X 1.5	6
23	19440GT	PIN,CLEVIS,1 X 2.5 LG	6
24		Ref. Hydraulic Hoses & Fittings	6
		refer to section 207.1	
25	23154-SGT	WELDMENT,ROD END	1
26	24544GT	TIE ROD WELDMENT Z/45	1

202.1 Steer Axle



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	27661GT	COVER W/DECAL, FRONT	1
5	56912GT	SPRING CLIP, 1/4-20, .025-.15X.54, ZAG	4
6		Ref. Steer Linkage	4
		refer to 201.1	
7	45873GT	SEAL/BEARING KIT (45043, 54840)	2
8	45043GT	HUB ASSEMBLY MODEL#60-8***	2
8-	21166GT	LUG BOLT, 5/8-18, WHEEL HUB***	6
		for 45043	
9A	54140GT	TUBELESS PNEUMATIC TIRE, 9-14LT	2
		standard black	
9A-	45093GT	WHEEL ASSY, INDUSTRIAL, AF	2
9A-	45460GT	WHEEL ASSY, INDUSTRIAL, FF	2
9B	54234GT	TUBELESS TIRE, 9-14.5, NON-M 47#	
		Non-marking	
10	54627GT	NUT, LUG, 5/8-18 X 90 DEGREE, Z45	16
11	45040GT	RIM, Z45, 14.5 X 7(8 HOLE ON 8BC	2
12		Ref. Steer Valve	2
		refer to 201.1	
13	66717GT	FUSE BLOCK, ANN & ANL FUSE	1
14	13104GT	FUSE, 300 AMP, VERY FAST ACTING	1

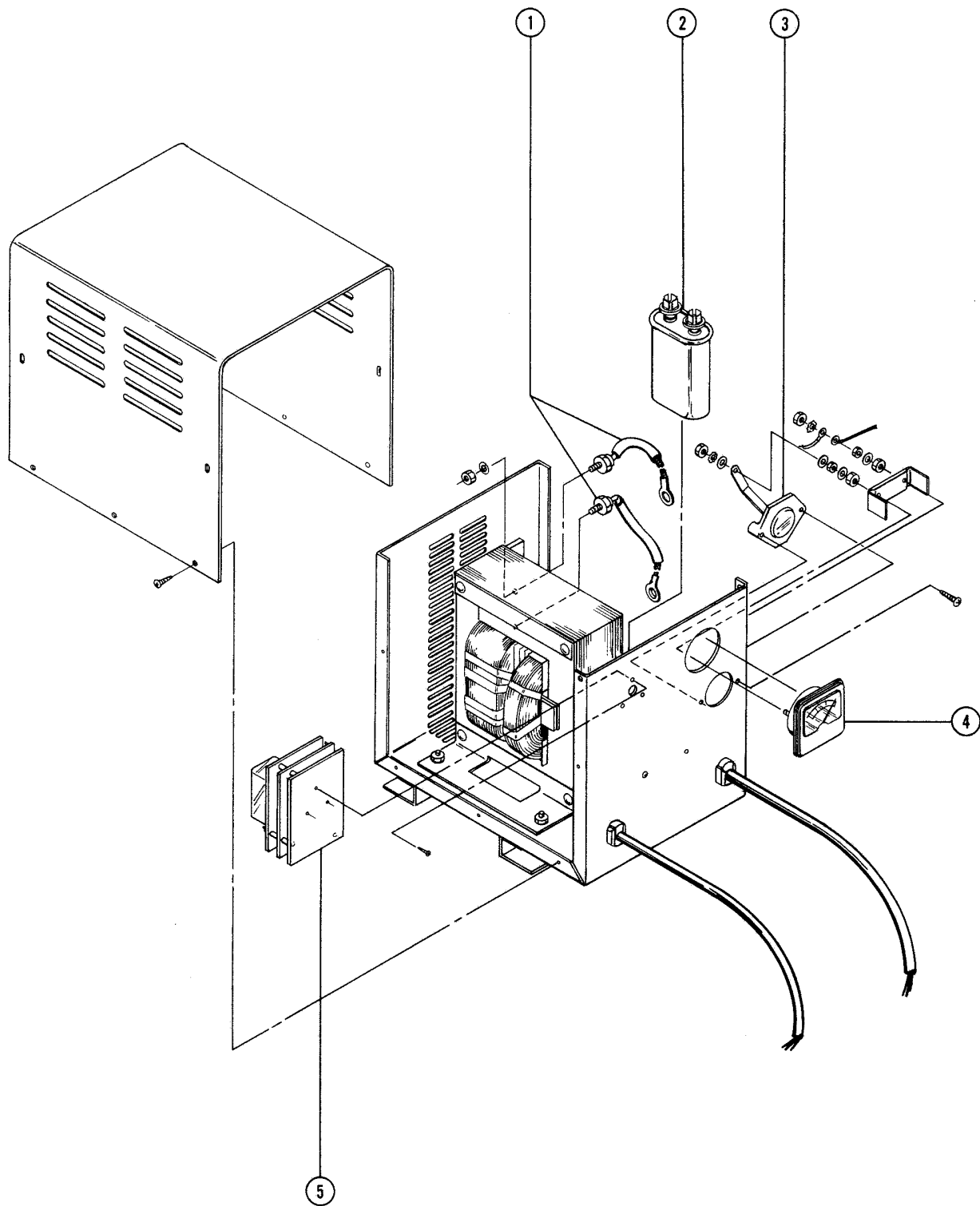
203.1 Battery Pack



203.1 Battery Pack

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	31759GT	COVER,BATTERY PACK W/DECALS	1
2	19520GT	BATTERY CABLE ASSY,9.5"JUMPER	8
3	18504GT	NUT,LOCKING-LG.FLANGE,1/4-20	4
4	24039GT	WASHER,3/8 PLATE (3/8X2X3/16TK	2
5	29885GT	THREADED ROD,(1/4-20),12"	2
6	13006GT	BATTERY-245AH TALL VERSION**	6
7	31760GT	BATTERY BOX ASSEMBLY includes index numbers 8 and 9	1
8	6272GT	RIVET,STL,STL,P,.125 X .25	4
9	13579GT	LATCH,FLEXIBLE DRAW	2
10	29707GT	WELDMENT,BATTERY SUPPORT	2
11	6012GT	NUT,WELD,1/2-13,BLACK	4
12	13775GT	WASHER,FLAT,1.063 X 2 X .134	4
13	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	4
14	6033GT	WASHER,LOCK,0.5"	4
15	6095GT	WASHER,FLAT,USS,1/2",Y	4
16	6145GT	SCREW,HHC,1/4-20 X 1.5	4
17	6356GT	WASHER,LOCK,.25	4
18	6638GT	WASHER, FLAT, USS, 1/4"Y	4
19	32212GT	BATTERY CABLE ASSY,DRIVE CHASS	1
19	128138GT	CONN HOUSING SBX175, BATT	1
20	32214GT	BATTERY CABLE ASSY,R.S.BATT. Shown	1
20	32213GT	BATTERY CABLE ASSY,L.S.BATT.	1
20-	128138GT	CONN HOUSING SBX175, BATT	

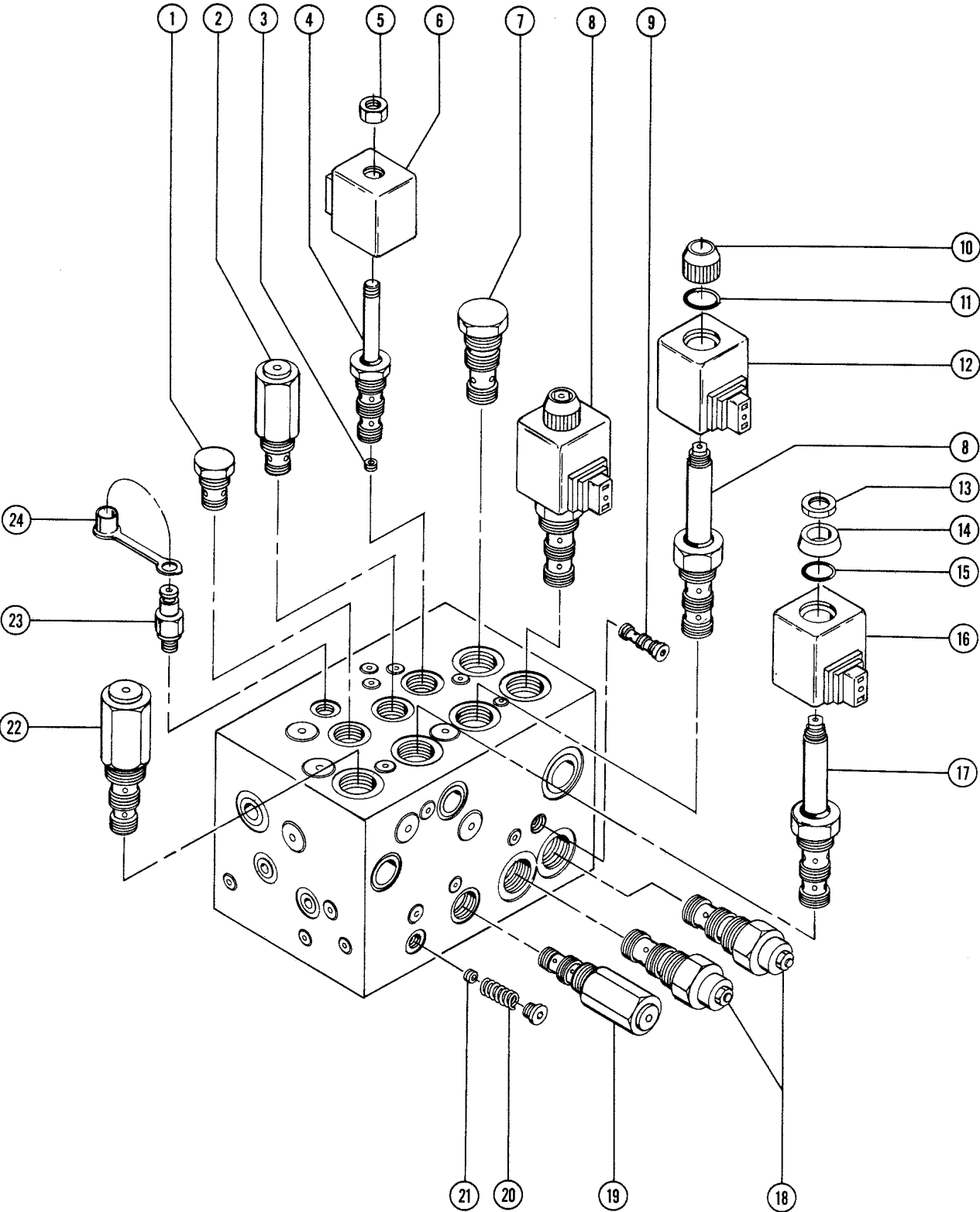
204.1 Battery Charger



204.1 Battery Charger

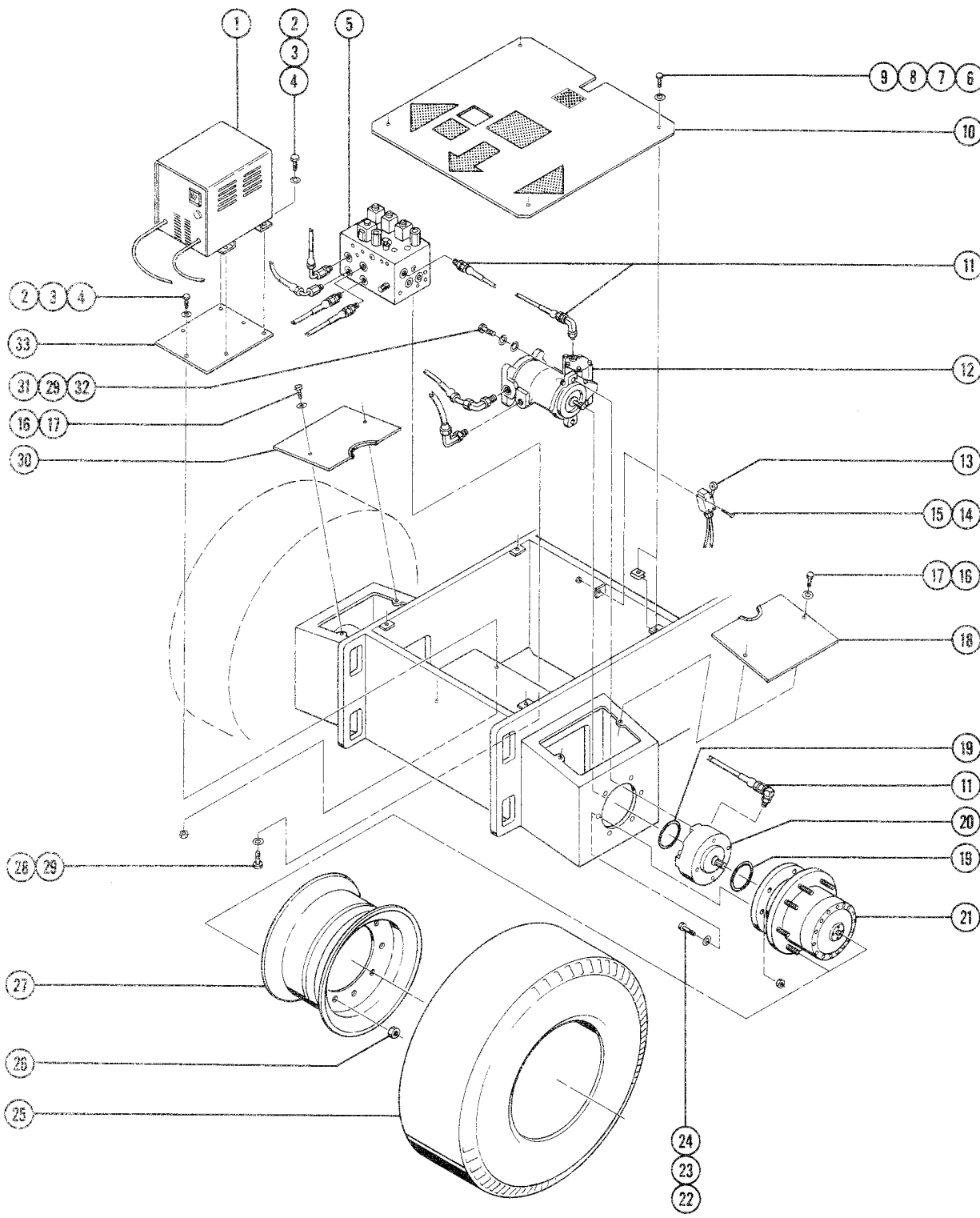
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
		CHARGER-36V/40 AMP, Z45	
		no longer available	
		CHARGER-40A 110/220V 50HZ	
		no longer available	
		CHARGER-36VDC-40A-100VAC/50HZ	
		no longer available	
		CHARGER-36VDC-40A-100VAC/60HZ	
		no longer available	
1	19528GT	DIODE ASSY-40AMP CHARGER	2
2	13008-3GT	CAPACITOR,6 MFD,660VAC-CHARGR*	1
3	19529GT	FUSE ASSY-40 AMP CHARGER	1
4	19530GT	AMMETER-40AMP CHARGER **	1
5	13008-1GT	TIMER ASSY(13008 BOOM CHARGER)	1
5	18078GT	RELAY,CHARGER TIMER**	1
5	19531GT	TIMER ASSY, (45380 CHARGER)	1
5	19533GT	RELAY,CHARGER .TIMER(19531/32)	1
5	19532GT	TIMER,ELEC.,(45432/3 CHARGER)	1
5	19533GT	RELAY,CHARGER .TIMER(19531/32)	1

205.1 Drive Manifold



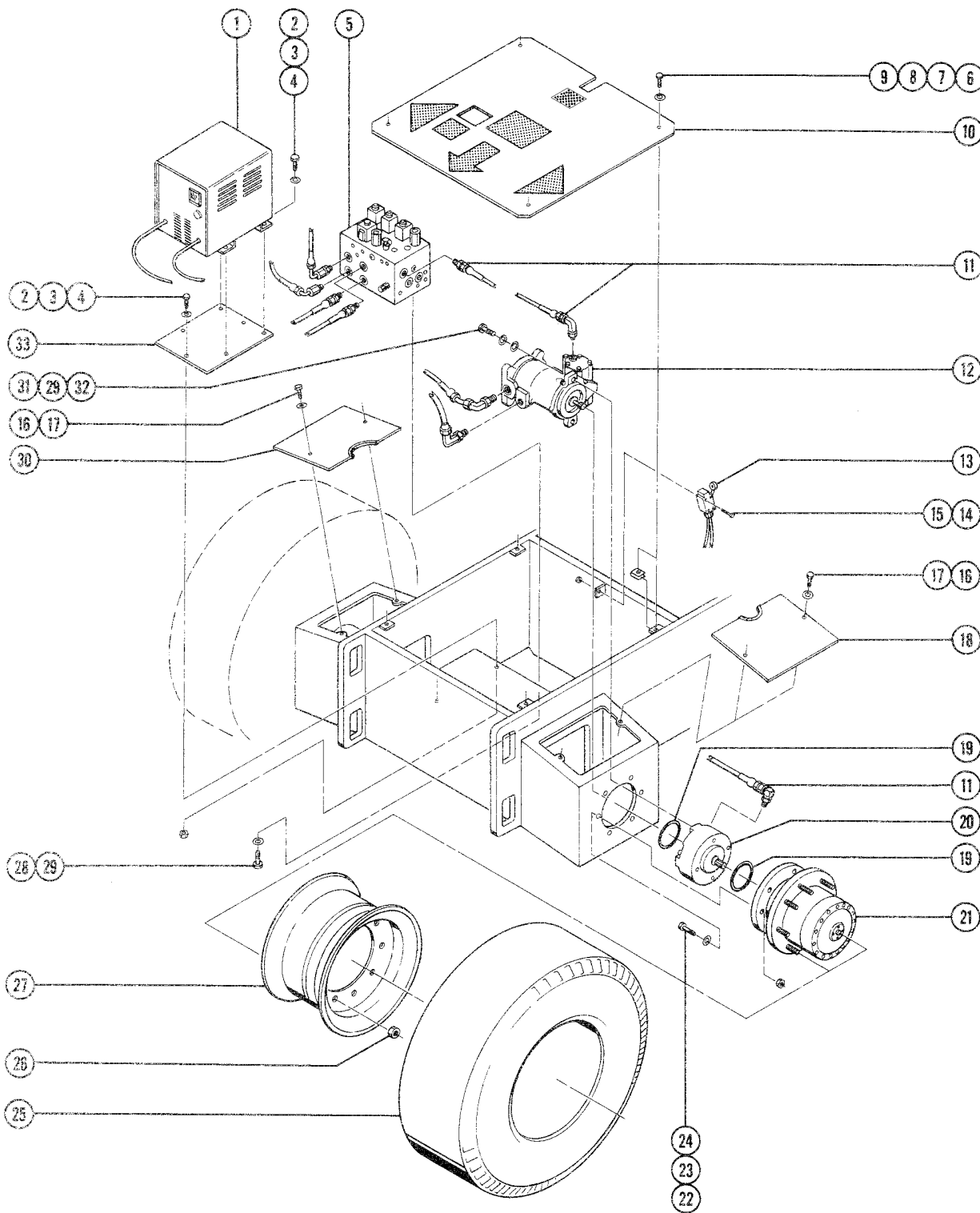
Item	Part No.	Description	Qty.
	29534GT	MANIFOLD,DRIVE,12 VOLT	
	25375GT	KIT, O-RING	
1	27836GT	VALVE,CHECK,5 PSI	1
2	45489GT	VALVE,RELIEF 3000 PSI***	1
3	29294GT	PLUG,ORIFICE,.025"	1
4	19970GT	VALVE,SOLENOID (18660) includes 1 each index numbers 5 and 6	1
5	45912GT	NUT,SOLENOID VALVE 2P3W	1
6	22813GT	COIL,12V.19970,19971	1
7	19973GT	VALVE,DIFFERENTL.SENSE (18660)	1
8	19969GT	VALVE,SOLENOID (18660)*** includes 1 each index numbers 10 through 12	2
9	45483GT	VALVE,SHUTTLE***	1
10	45913GT	NUT,DO1 VALVE	2
11	45914GT	O-RING, DO1 VALVE	2
12	27535GT	COIL,12V.DO1 VALVE	2
		use until exhausted	
13	45921GT	RETAINER-N.C.PROPOR.SOLENOID	1
14	45921GT	RETAINER-N.C.PROPOR.SOLENOID	1
15	45914GT	O-RING, DO1 VALVE	1
16	21935GT	COIL, 12V, 19972/21623/29069	1
17	31755GT	VALVE,PROPORTIONAL SOLENOID**	1
		includes index numbers 13 through 16	
18	31754GT	VALVE,COUNTERBALANCE	2
19	31753GT	VALVE,PRESSURE REDUCING	1
20	18920GT	SPRING-DRIVE MANIFOLD/520131	1
21	18921GT	PLUG,ORIFICE	1
22	31756GT	VALVE,ACCUMULATOR KICK DOWN	1
23	48997GT	NIPPLE,DIAGNOSTIC,#4	1
23	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	1
24	48880GT	CAP,DIAGNOSTIC NIPPLE	1

206.1 Non-steer Axle



Item	Part No.	Description	Qty.
1		Ref. Battery Charger refer to 204.1	
2	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	6
3	6097GT	WASHER,FLAT,USS,3/8",Y	12
4	4828GT	NUT,NYLOCK,3/8-16	6
5		Ref. Drive Manifold refer to 205.1	6
6	6090GT	SCREW, HHC, 1/4-20 X .75	4
7	6356GT	WASHER,LOCK,.25	4
8	6638GT	WASHER, FLAT, USS, 1/4"Y	4
9	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	4
10	31762GT	COVER,DRIVE CHASSIS,REAR	1
11		Ref. Hydraulic Hoses & Fittings refer to 207.1	1
12	24668GT	DRIVE MOTOR REAR,2WD/7 DEGREE*	2
13	88356-11103GT	SWITCH,LIMIT,W/RLR ARM,NO/NC	1
13-	19491GT	CONTACTOR,LIMIT SWITCH	1
13-	97128GT	ROLLER ARM,LIMIT SWITCH***	1
14	22541GT	SCREW,RHM,10-32 X 1.5	2
15	6178GT	NUT, NYLOCK, 10-32	2
16	8255GT	SCREW,HHC,3/8-16 X .75	4
17	6021GT	WASHER,LOCK,.375	4
18	31763GT	COVER,DRIVE AXLE,RIGHT SIDE	1
19	22811GT	O-RING,MOTOR TO BRAKE***	4
20	29422PGT	BRAKE,S6O SWING/Z45 DRIVE includes 2 each index number 19	2
20	29291GT	SEAL KIT,MICO	2
20	29292GT	BRAKE,LINING KIT,MICO	2
20	29293GT	BEARING KIT,MICO	2
21	20451GT	TORQUE HUB,30/1***	2
21-	1286606GT	SEAL KIT,TORQUE HUB (20193)	
21-	1286606GT	SEAL KIT,TORQUE HUB (20193) for 20451	

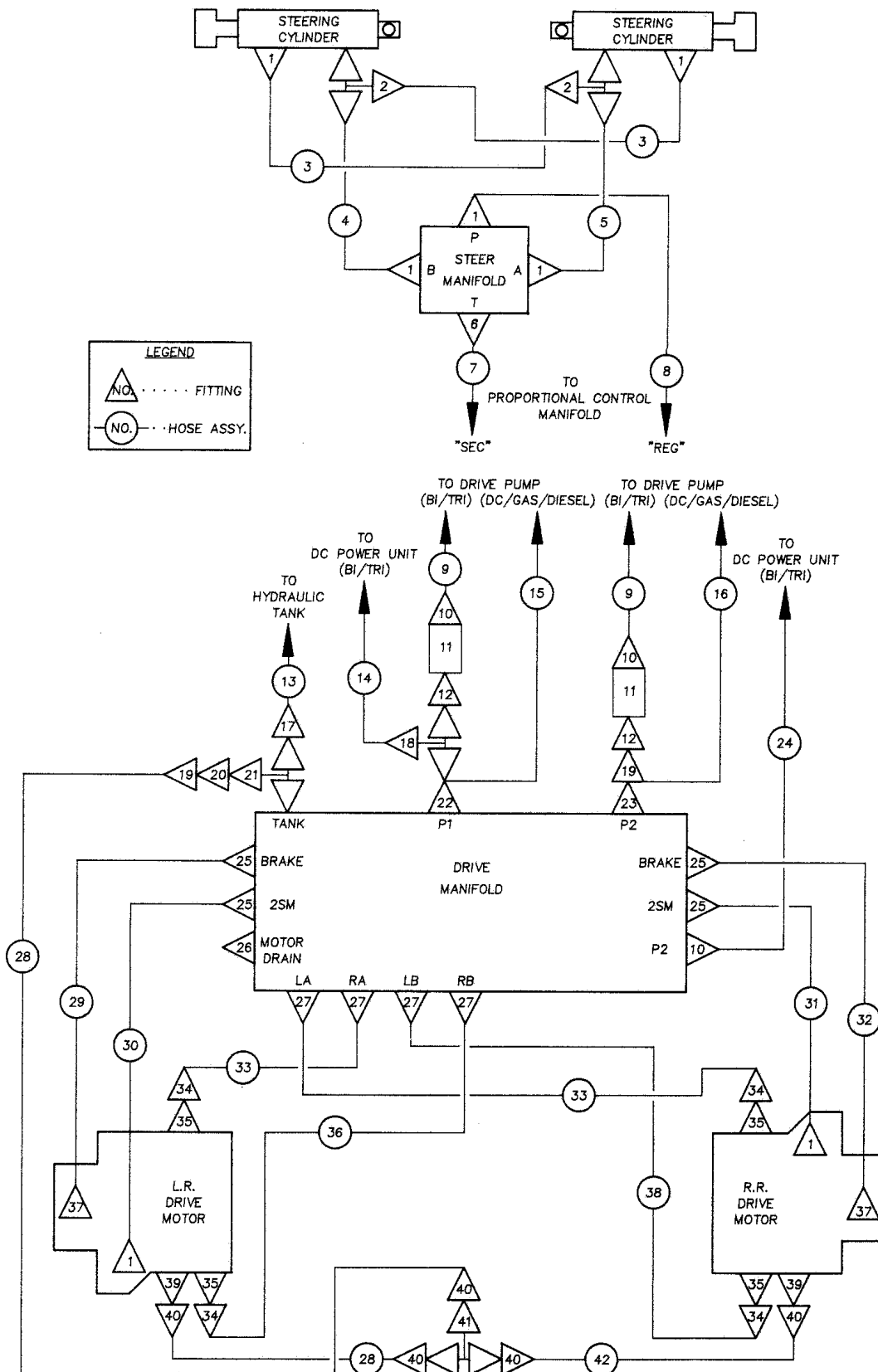
206.1 Non-steer Axle



206.1 Non-steer Axle

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
21-	21143GT	BEARING KIT (45553) TORQUE HUB	2
21-	21149GT	LUG,WHEEL STUD,5/8-18,W1/4HB**	2
21-	33355GT	SNAP RING (TORQUE HUB) W1BFF	
21-	58285GT	SPINDLE,TORQUE HUB	
22	45495GT	SCREW,SHC,5/8-11 X 3.00,A574	12
23	13064GT	WASHER,FLAT,.625 HARDENED	12
24	45076GT	NUT,HEX,JAM,5/8-11	12
25A	54140GT	TUBELESS PNEUMATIC TIRE,9-14LT standard black	2
25A-	45094GT	WHEEL ASSY, INDUSTRIAL, AF	2
25A-	1267847GT	WHEEL ASSY, INDUSTRIAL, FF	2
25B	54234GT	TUBELESS TIRE,9-14.5,NON-M 47# Non-marking	
26	54627GT	NUT,LUG,5/8-18 X 90 DEGREE,Z45	18
27	45040GT	RIM,Z45,14.5 X 7(8 HOLE ON 8BC	2
28	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	2
29	6033GT	WASHER,LOCK,0.5"	6
30	31761GT	COVER,DRIVE AXLE,LEFT SIDE	1
31	22786GT	SCREW,HHC,1/2-13 X 5.5	4
32	13066GT	WASHER,FLAT,.5 HARDENED	4
33	29712PGT	PLATE,CHARGER MOUNT,PAINTED	1

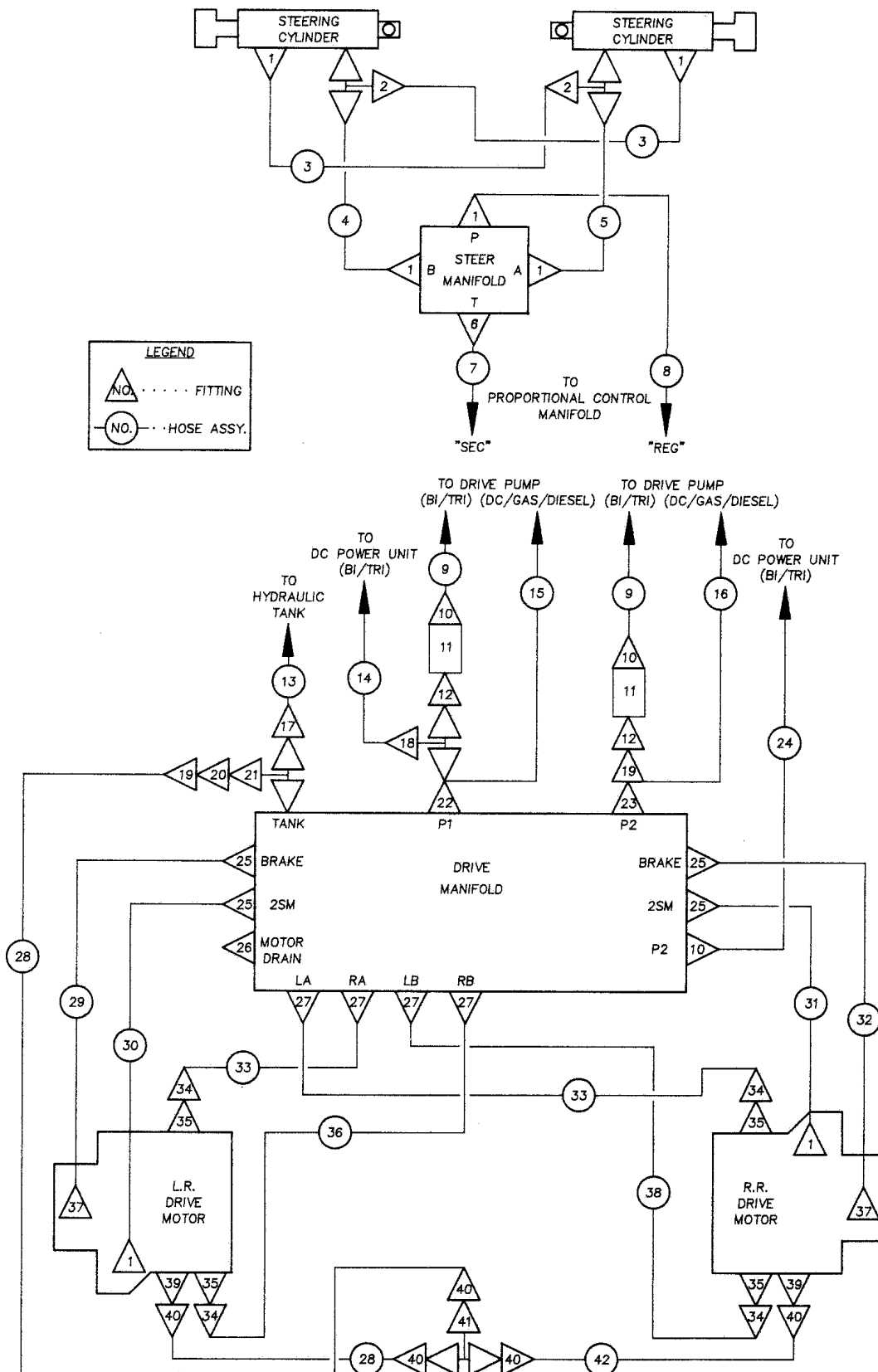
207.1 Hydraulic Hoses and Fittings



207.1 Hydraulic Hoses and Fittings

Item	Part No.	Description	Qty.
1	13120GT	ELBOW,070220-6-6	7
2	13119GT	TEE,RUN,070428-6-6	2
3	28032GT	HOSE ASSY,STEER CYL. CROSSOVER	2
4	28040GT	HOSE ASSY,STR.MFLD/L.STEER CYL	1
5	28035GT	HOSE ASSY,OSC.MNFLD-L/STR.CYL.	1
6	45412GT	CONNECTOR,070120-6-6	1
7	28041GT	HOSE ASSY,STR.MFLD.RTN/FTN.MFL	1
8	28036GT	HOSE ASSY,FNCT.MNFLD-OSC.MNFLD	1
9	31806GT	HOSE ASSY,65"	2
10	45703GT	CONNECTOR,070120-8-8	3
11	31798GT	VALVE,CHECK,#8 O-RING PORTS	2
12	31797GT	ADAPTER,6402-8-8	2
13	29924GT	HOSE,55"	1
14	31809GT	HOSE ASSY,69"	1
15	31799GT	HOSE ASSY,85"	1
		DC Models	
15	31806GT	HOSE ASSY,65"	1
		Gas / LPG and Diesel Models	
16	29929GT	HOSE ASSY,79"	1
		DC Models	
16	31806GT	HOSE ASSY,65"	1
		Gas / LPG and Diesel Models	
17	45170GT	HOSE END,BARBED,SWIVEL,-12-12	1
18	21252GT	TEE,RUN,070432-8	1
19	28597GT	HOSE END,BARBED,SWIVEL,90DEG-8	1
20	20325GT	REDUCER,070123-12-8	1
21	28456GT	TEE,RUN,070428-12-12	1
22	24058GT	ELBOW,070320-8-10	1
23	21248GT	ELBOW,070320-10	1
24	31394GT	HOSE ASSY,79"	1
25	13799GT	CONNECTOR,070120-6-4	4
26	28452GT	PLUG,HEX HEAD,090109A-8	1

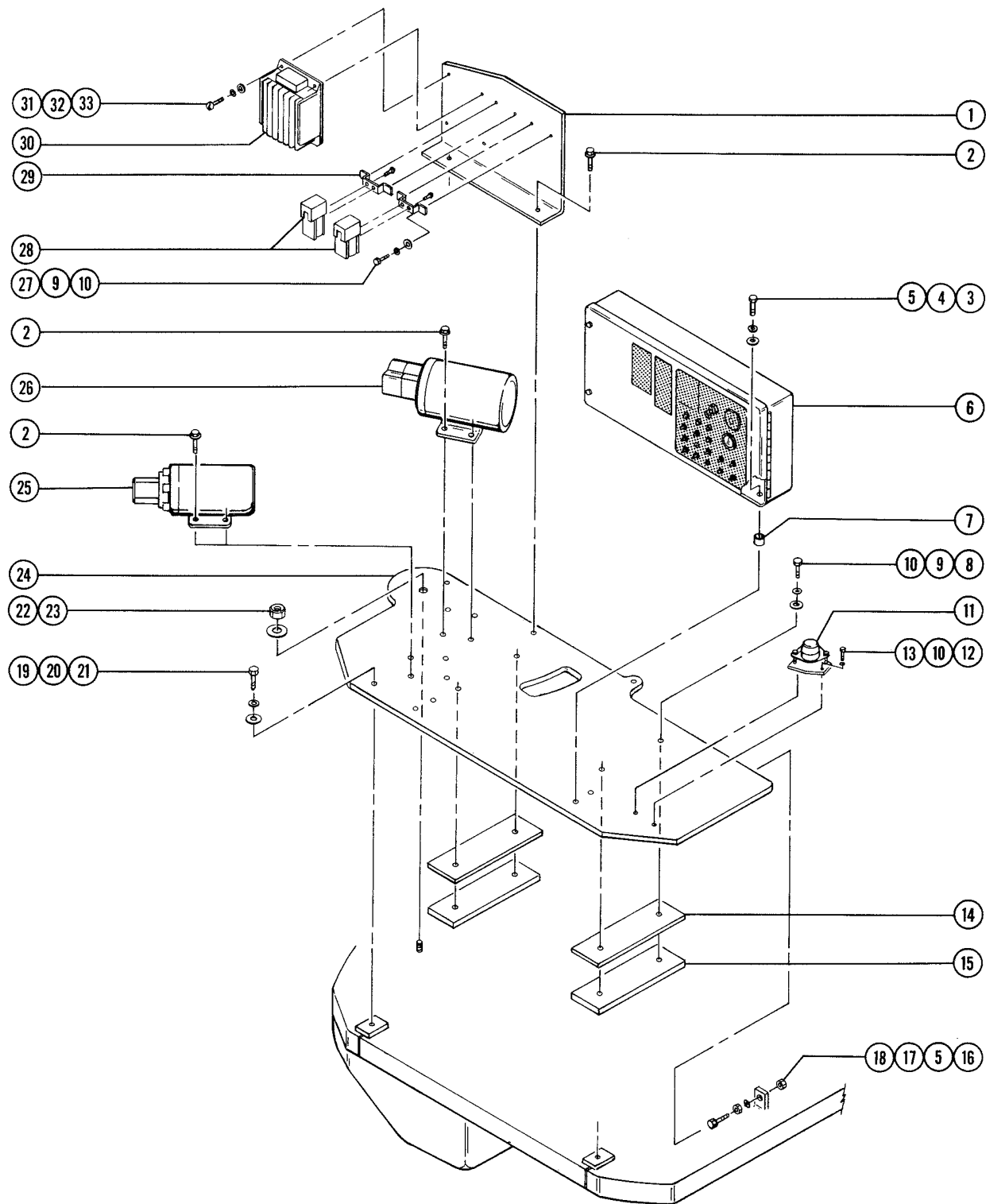
207.1 Hydraulic Hoses and Fittings



207.1 Hydraulic Hoses and Fittings

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
27	45360GT	CONNECTOR,070120-10-12	4
28	31801GT	HOSE,12.75"	2
29	29914GT	HOSE ASSY,26"	1
30	29923GT	HOSE ASSY,27"	1
31	29922GT	HOSE ASSY,17"	1
32	29915GT	HOSE ASSY,22"	1
33	31802GT	HOSE ASSY,13"	2
34	31793GT	REDUCER,070123-16-10	4
35	20793GT	ELBOW,070220-16-16	4
36	46184GT	HOSE ASSEMBLY,DRV.MAN.M1 TO LR (relaced PN 32210)	1
37	13921GT	ELBOW, 07022-4-4	2
38	31800GT	HOSE ASSY,15.75"	1
39	25951GT	ELBOW,070220-8-12	2
40	20324GT	HOSE END,BARBED,SWIVEL,-8-8	5
41	31399GT	TEE,UNION,070401-8	1
42	29927GT	HOSE,18"	1

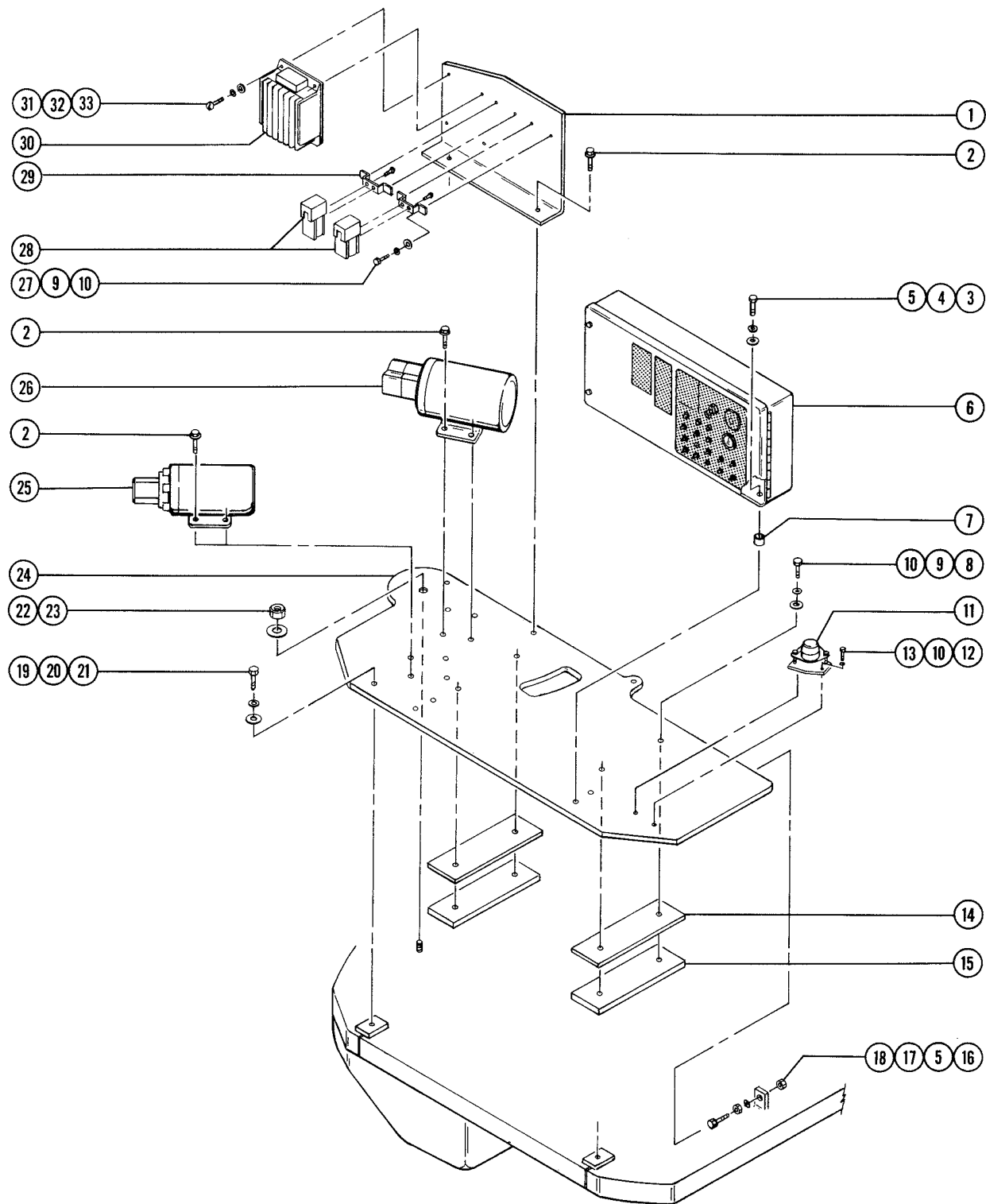
301.1 Engine Pivot Mount Components - DC Models



301.1 Engine Pivot Mount Components - DC Models

Item	Part No.	Description	Qty.
1	29610PGT	PLATE,CONTACTOR MOUNT,PAINTED	1
2	18506GT	SCREW 5/16-18 X .75 LG.FLG.LCK.	10
3	13000GT	SCREW,HHC,5/16-18 X 1.25	4
4	6886GT	WASHER,LOCK,.313	4
5	6097GT	WASHER,FLAT,USS,3/8",Y	5
6		Ref. Ground Controls refer to sections 408.1 and 409.1	5
7	45400GT	SPACER TUBE,.50 LG	4
8	6888GT	SCREW,HHC,1/4-20 X 1	4
9	6356GT	WASHER,LOCK,.25	8
10	6638GT	WASHER, FLAT, USS, 1/4"Y	10
11	44586GT	SENSOR,LEVEL 4.5***	1
12	8915GT	SCREW,HHC,1/4-20 X 1.25	2
13	6091GT	NUT, NYLOCK, 1/4-20	2
14	24039GT	WASHER,3/8 PLATE (3/8X2X3/16TK	2
15	25635GT	PAD,NYLON-12 X 2 X 0.625 INCH	2
16	5224GT	SCREW,HHC,3/8-16 X 2	1
17	4828GT	NUT,NYLOCK,3/8-16	1
18	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	1
19	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	2
20	6033GT	WASHER,LOCK,0.5"	2
21	13066GT	WASHER,FLAT,.5 HARDENED	2
22	19331GT	NUT,LP NYLOCK,1-12	1
23	13775GT	WASHER,FLAT,1.063 X 2 X .134	1
24	31051PGT	PLATE,ENGINE MOUNT,PAINTED	1
25		POWER UNIT (45039) component no longer available	1
26	29633GT	OBS.-SEE 32073,32279 Z45MP	1
27	6090GT	SCREW, HHC, 1/4-20 X .75	4
28	29810GT	CONTACTOR, 180 AMP.,CURTIS	2

301.1 Engine Pivot Mount Components - DC Models

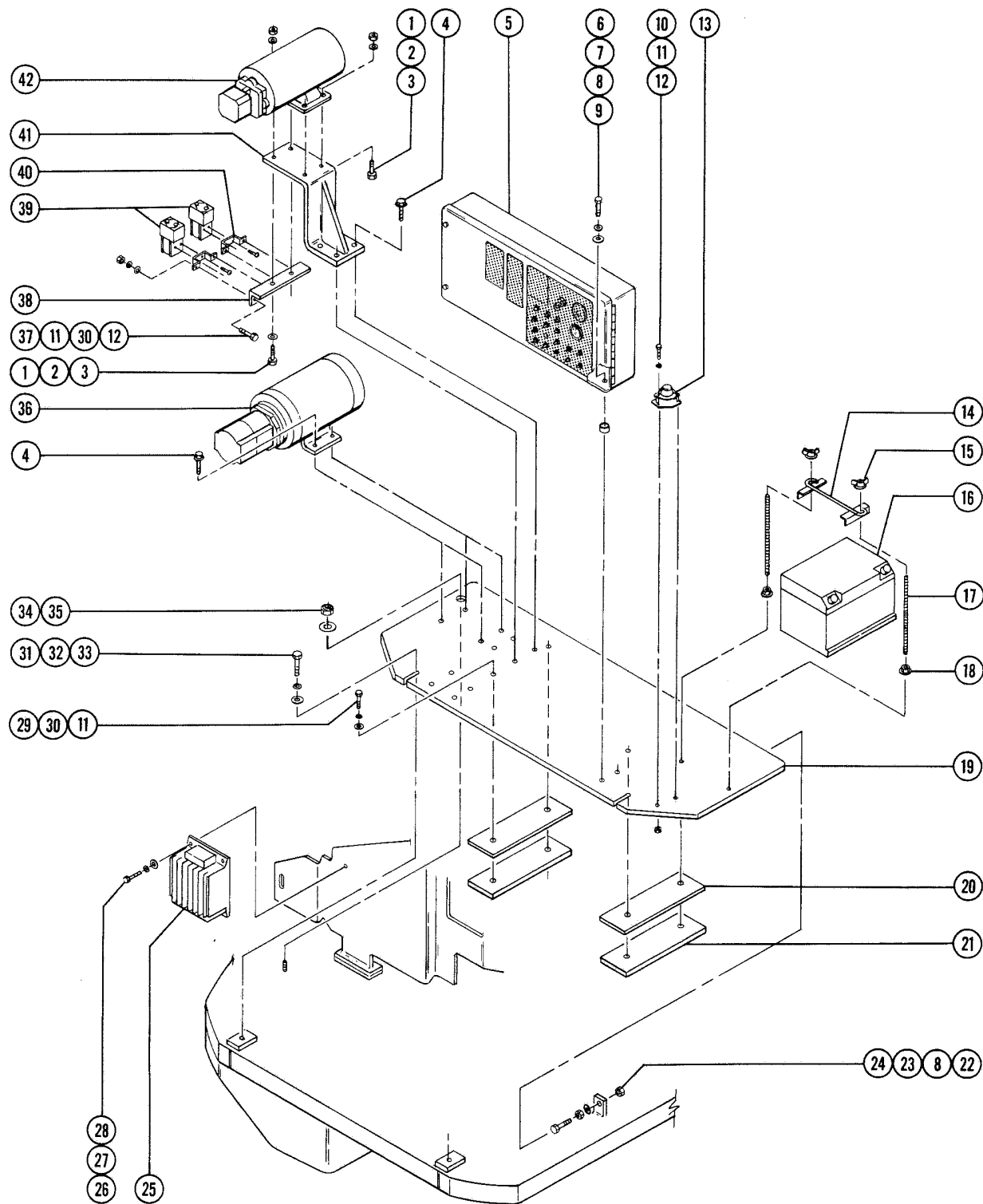


301.1 Engine Pivot Mount Components - DC Models

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
28	22264GT	CONTACT,MOVEABLE,19550 RELAY	2
28	23845GT	SPRING,RETURN	2
28	22265GT	CONTACT,STATIONRY,19550 RELAY	2
29	19815GT	BRACKET, RELAY MOUNTING	2
30	29501GT	CONVERTER,36 TO 13.5 VOLT	1
30	31938GT	FUSE,Z45MP,29501 DC CONVERT.	1
31	5094GT	SCREW,RHM,10-32 X .5	4
32	6607GT	WASHER,LOCK,#10 PLTD	4
33	6146GT	WASHER,FLAT,MS,#10,Y	4



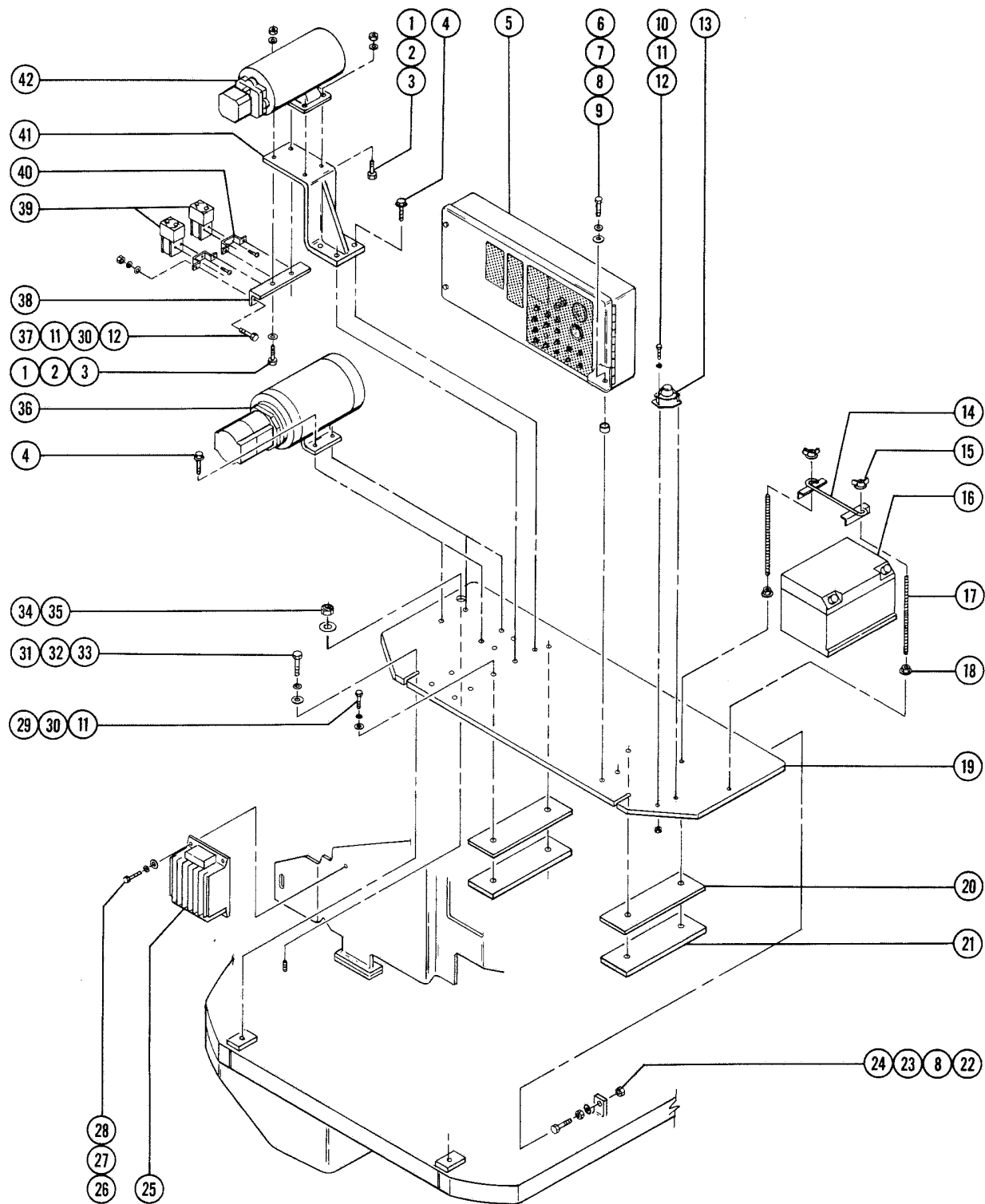
302.1 Engine Pivot Mount Components - Engine Models



302.1 Engine Pivot Mount Components - Engine Models

Item	Part No.	Description	Qty.
1	13000GT	SCREW,HHC,5/16-18 X 1.25	4
2	6886GT	WASHER,LOCK,.313	4
3	6782GT	NUT, NYLOCK, 5/16-18	4
4	18506GT	SCREW 5/16-18 X .75 LG.FLG.LCK.	8
5		Ref. Ground Controls refer to sections 408.1 and 409.1	8
6	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	4
7	6021GT	WASHER,LOCK,.375	4
8	6097GT	WASHER,FLAT,USS,3/8",Y	4
9	45400GT	SPACER TUBE,.50 LG	4
10	8915GT	SCREW,HHC,1/4-20 X 1.25	2
11	6638GT	WASHER, FLAT, USS, 1/4"Y	10
12	6091GT	NUT, NYLOCK, 1/4-20	6
13	44586GT	SENSOR,LEVEL 4.5***	1
14	T107827GT	BATTERY HOLD DOWN	1
15	8170GT	NUT,WING,1/4-20	2
16	36872GT	BATTERY, 12V	1
17	27506GT	THREADED ROD,(1/4-20),8.5"	2
18	18504GT	NUT,LOCKING-LG.FLANGE,1/4-20	2
19	31051PGT	PLATE,ENGINE MOUNT,PAINTED	1
20	24039GT	WASHER,3/8 PLATE (3/8X2X3/16TK	2
21	25635GT	PAD,NYLON-12 X 2 X 0.625 INCH	2
22	4828GT	NUT,NYLOCK,3/8-16	1
23	6002GT	NUT, LP NYLOCK, 5/16-18	1
24	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	1
25	29501GT	CONVERTER,36 TO 13.5 VOLT	1
25	31938GT	FUSE,Z45MP,29501 DC CONVERT.	1
26	5094GT	SCREW,RHM,10-32 X .5	4
27	6607GT	WASHER,LOCK,#10 PLTD	4

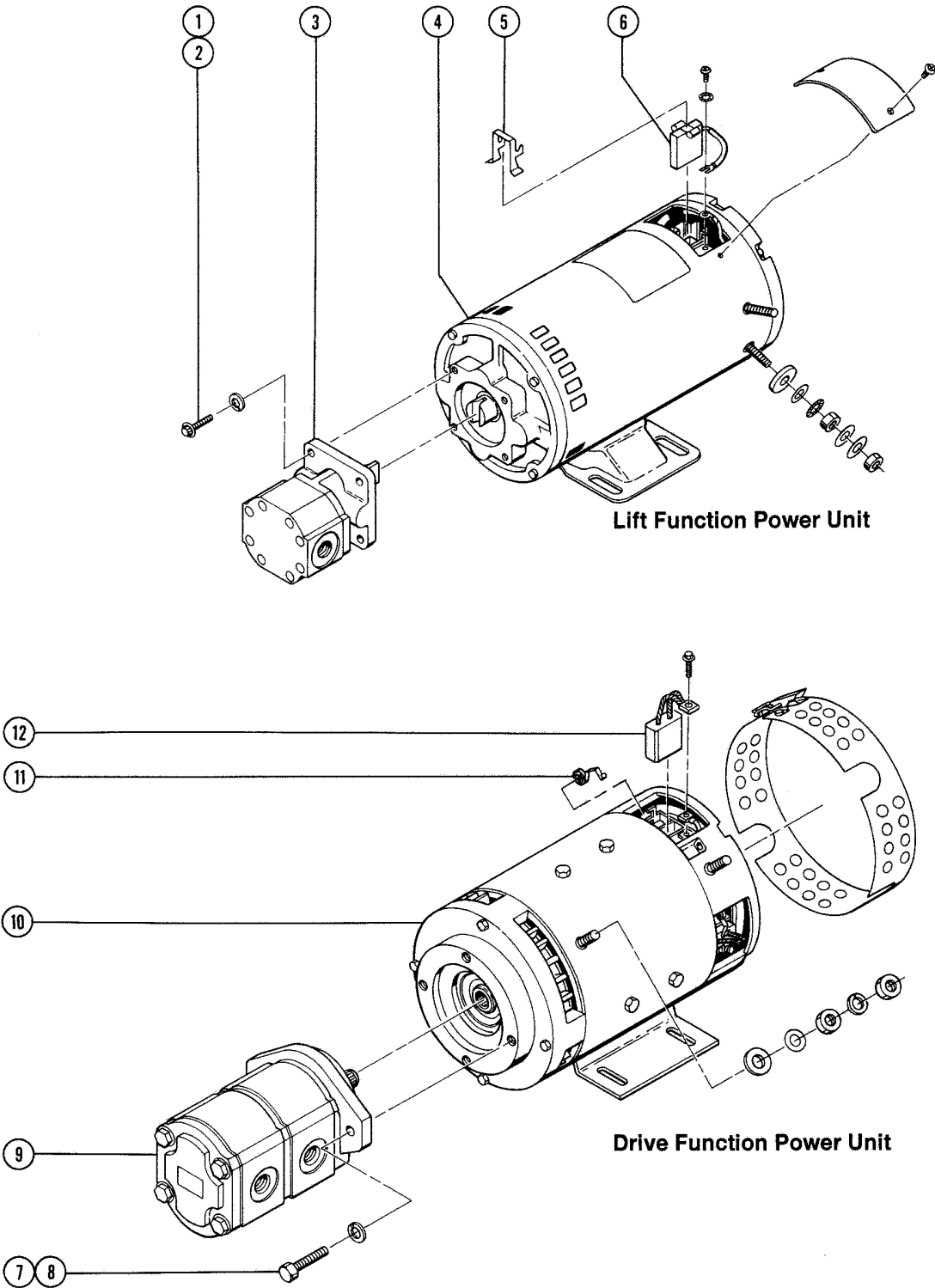
302.1 Engine Pivot Mount Components - Engine Models



302.1 Engine Pivot Mount Components - Engine Models

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
28	6146GT	WASHER,FLAT,MS,#10,Y	4
29	6888GT	SCREW,HHC,1/4-20 X 1	4
30	6356GT	WASHER,LOCK,.25	8
31	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	2
32	6033GT	WASHER,LOCK,0.5"	2
33	13066GT	WASHER,FLAT,.5 HARDENED	2
34	19331GT	NUT,LP NYLOCK,1-12	1
35	13775GT	WASHER,FLAT,1.063 X 2 X .134	1
36	29633GT	OBS.-SEE 32073,32279 Z45MP	1
37	6090GT	SCREW, HHC, 1/4-20 X .75	4
38	31392GT	ANGLE,RELAY MOUNTING BRACKET	1
39	29810GT	CONTACTOR, 180 AMP.,CURTIS	2
39	22264GT	CONTACT,MOVEABLE,19550 RELAY	2
39	23845GT	SPRING,RETURN	2
39	22265GT	CONTACT,STATIONRY,19550 RELAY	2
40	19815GT	BRACKET, RELAY MOUNTING	2
41	31387GT	WELDMENT,MOTOR/PUMP MT.BRACKET	1
42		POWER UNIT (45039) component no longer available	1

303.1 DC Power Units - Lift and Drive Functions



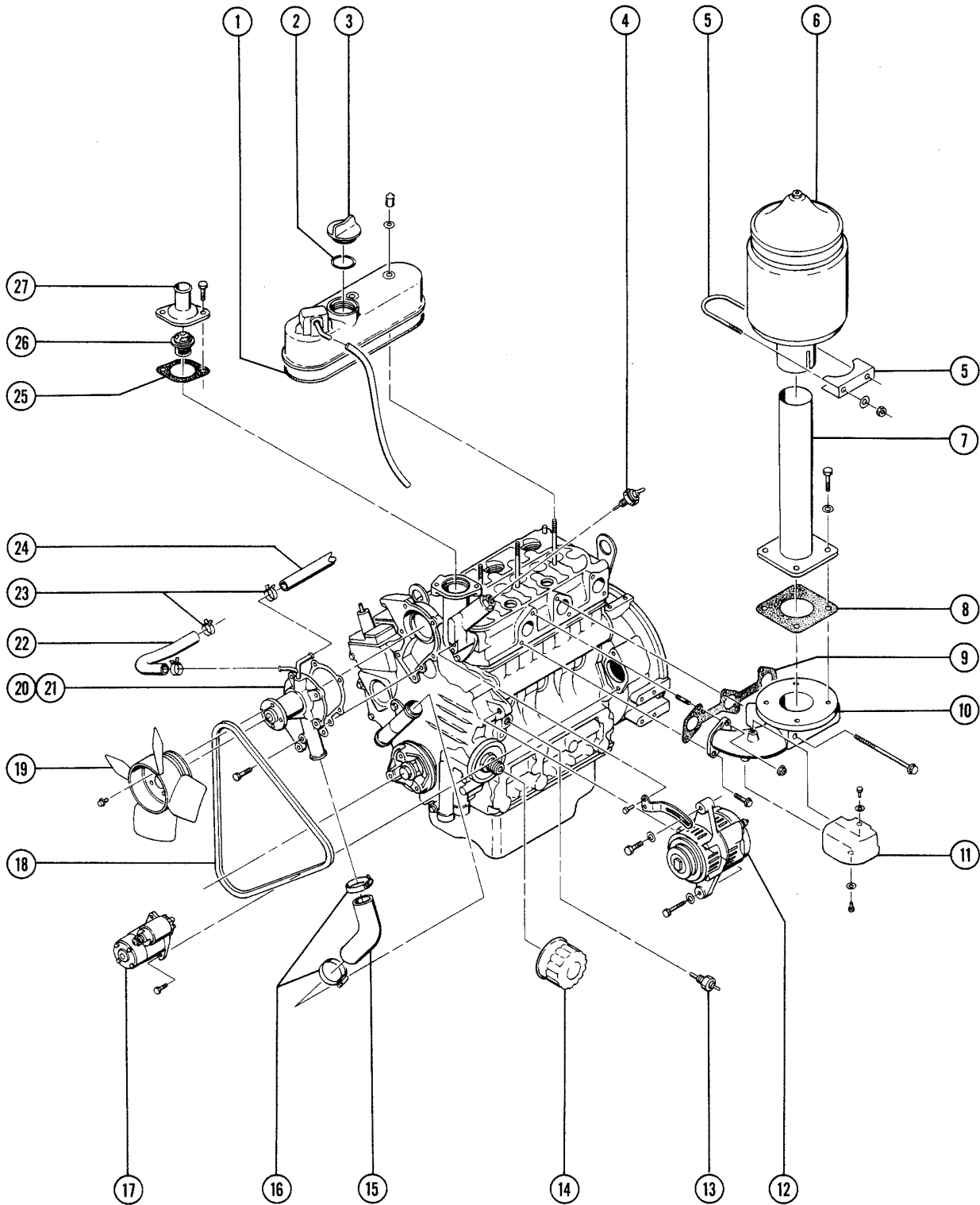
Lift Function Power Unit

Drive Function Power Unit

303.1 DC Power Units - Lift and Drive Functions

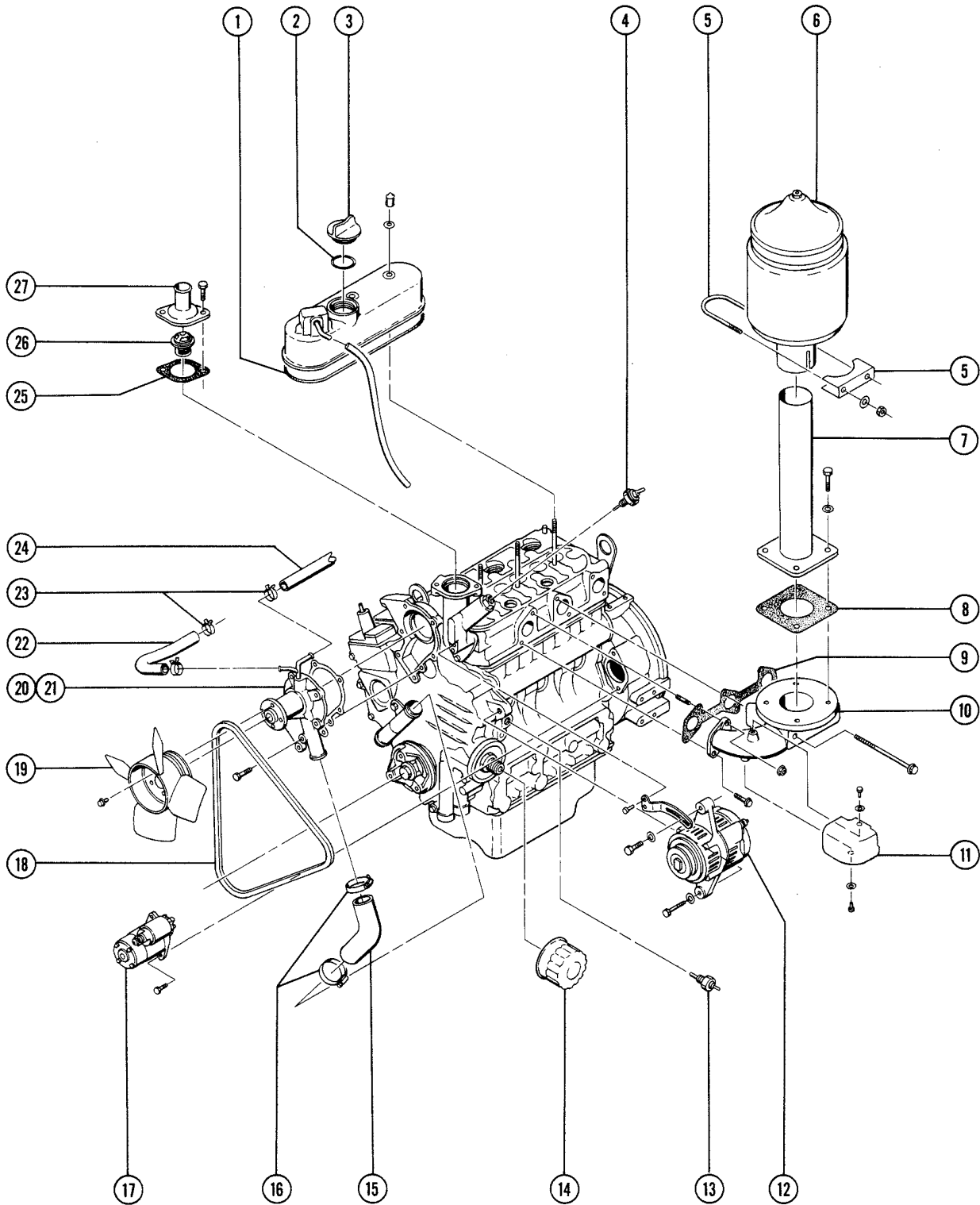
Item	Part No.	Description	Qty.
		POWER UNIT (45039)	
		component no longer available	
	29633GT	OBS.-SEE 32073,32279 Z45MP	
1		Ref. Screw - Torx® Head, 5/16 -18 x 0.75 inch	
2		Ref. Washer - Lock, 5/16 -18	
3	45511GT	PUMP-FUNCTION POWER UNIT	1
3	19151GT	SHAFT SEAL-V18,Z45***	1
4	45510GT	MOTOR-FUNCTION POWER UNIT	1
		component no longer available	
5	19149GT	BRUSH RETNR.CLIP-Z45 LFT.MOTOR	2
6	13998-2GT	BRUSH & HOLDER 13998-1 MOTOR*	2
7		Ref. Screw - HHC, 3/8 -24 x 1.25 inch	2
8		Ref. Washer - Lock, 3/8 inch	2
9	32073GT	PUMP,2 SECTION GEAR W/GASKET	1
9	32074GT	SEAL KIT,2 SEC.GEAR PUMP	1
10	32279GT	MOTOR,36VDC (29633) **	1
11	37189GT	SPRING, BRUSH RETAINER, 36182*	4
12	147188GT	BRUSH KIT, DRIVE MOTOR	1
		includes (4) brushes	

304.1 Kubota Gas Engine - View 1



Item	Part No.	Description	Qty.
1	23453GT	GASKET,VALVE COVER,DF750	1
2	22903GT	O-RING,OIL FILLER PLUG,KUBOTA*	1
3	23452GT	PLUG,OIL FILLER,WG750B	1
4	54332GT	SWITCH,WATER TEMP	1
5	32064GT	CLAMP,MUFFLER,1.75 INCH	1
6	22046GT	MUFFLER,SUPERTRAPP	1
7	31368PGT	EXHAUST EXTENSION WLDMT,PAINT	1
8	832128GT	GASKET,MUFFLER,KUBOTA D905/11	1
9	23455GT	GASKET,EXHAUST MANIFOLD,WG750B	1
10	32065GT	MANIFOLD,EXHAUST,KUBOTA WG750*	1
11	32215GT	HEAT SHIELD	1
12	866090GT	ALTERNATOR,KUBOTA* D905	1
13	22934GT	SWITCH,OIL,PRESSURE,KUBOTA use until exhausted, (replaced by 839190)	1
13B	839190GT	KUBOTA LOW OIL PRES SWITCH	1
14	866400GT	KUBOTA OIL FILTER	1
15	32067GT	HOSE,WATER PUMP,KUBOTA**	1
16	32066GT	CLAMP,HOSE,KUBOTA WG750	2
17	23456GT	STARTER ASSY,KUBOTA DUAL FUEL	1
17	23457GT	SOLENOID,STARTER,WG750B	1
18	22831GT	BELT,ALTERNATOR ,42.0" LG.	1
19	23479GT	FAN,COOLING DF750	1
20	23471GT	PUMP,WATER,WG750B	1
21	23472GT	GASKET,WATER PUMPWG750B/Z482-E	1
22	32068GT	HOSE,WATER PUMP RETURN,WG750**	1
23	32069GT	CLAMP,HOSE,KUBOTA WG750	4
24	32070GT	HOSE, WATER PUMP RETURN,WG750	1
25	866397GT	KUBOTA GASKET,THERMOSTAT	1
26	23473GT	THERMOSTAT ASSY, WG750B	1

304.1 Kubota Gas Engine - View 1

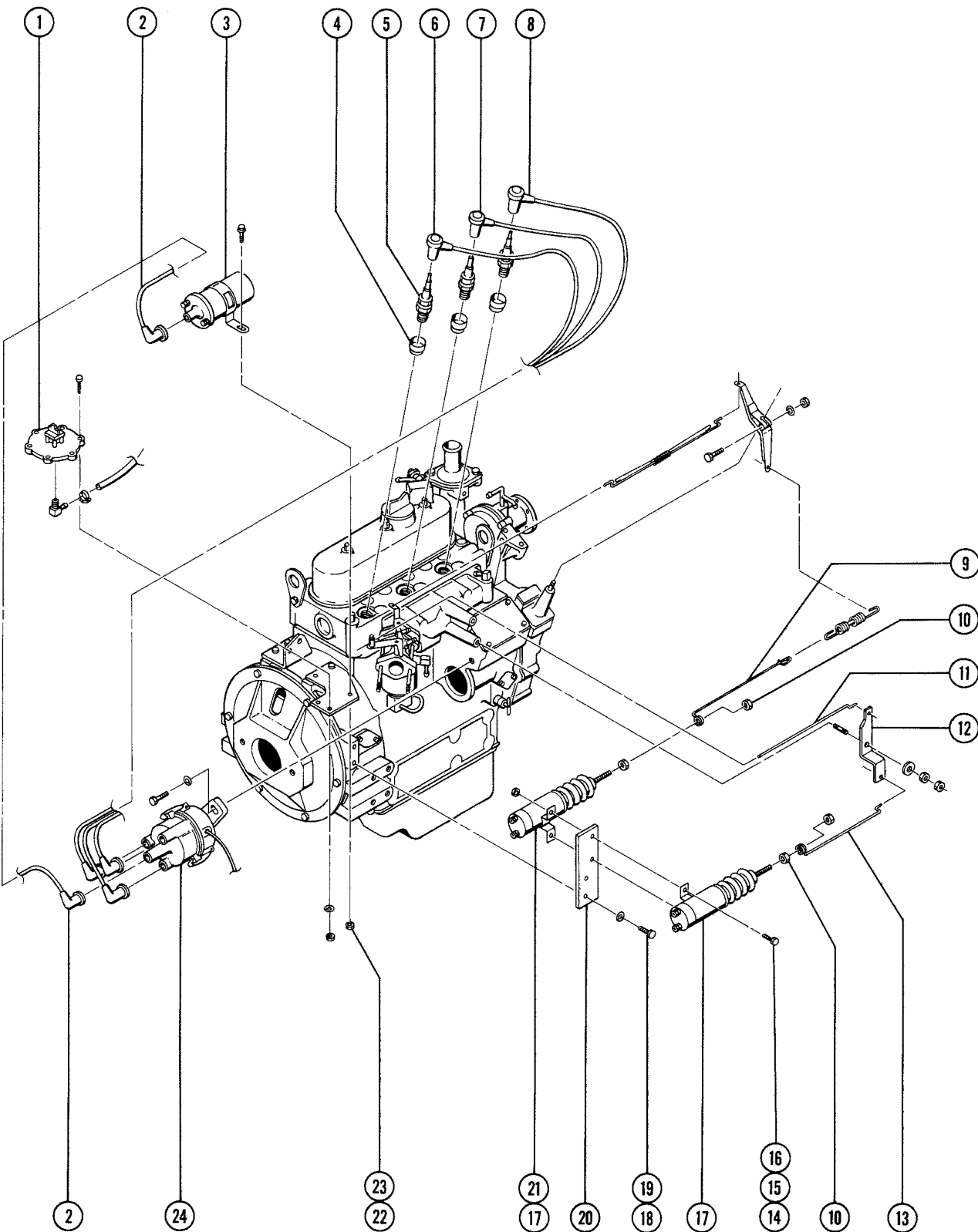


304.1 Kubota Gas Engine - View 1

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
27	27367GT	THERMOSTAT COVER,KUBOTA GAS	1

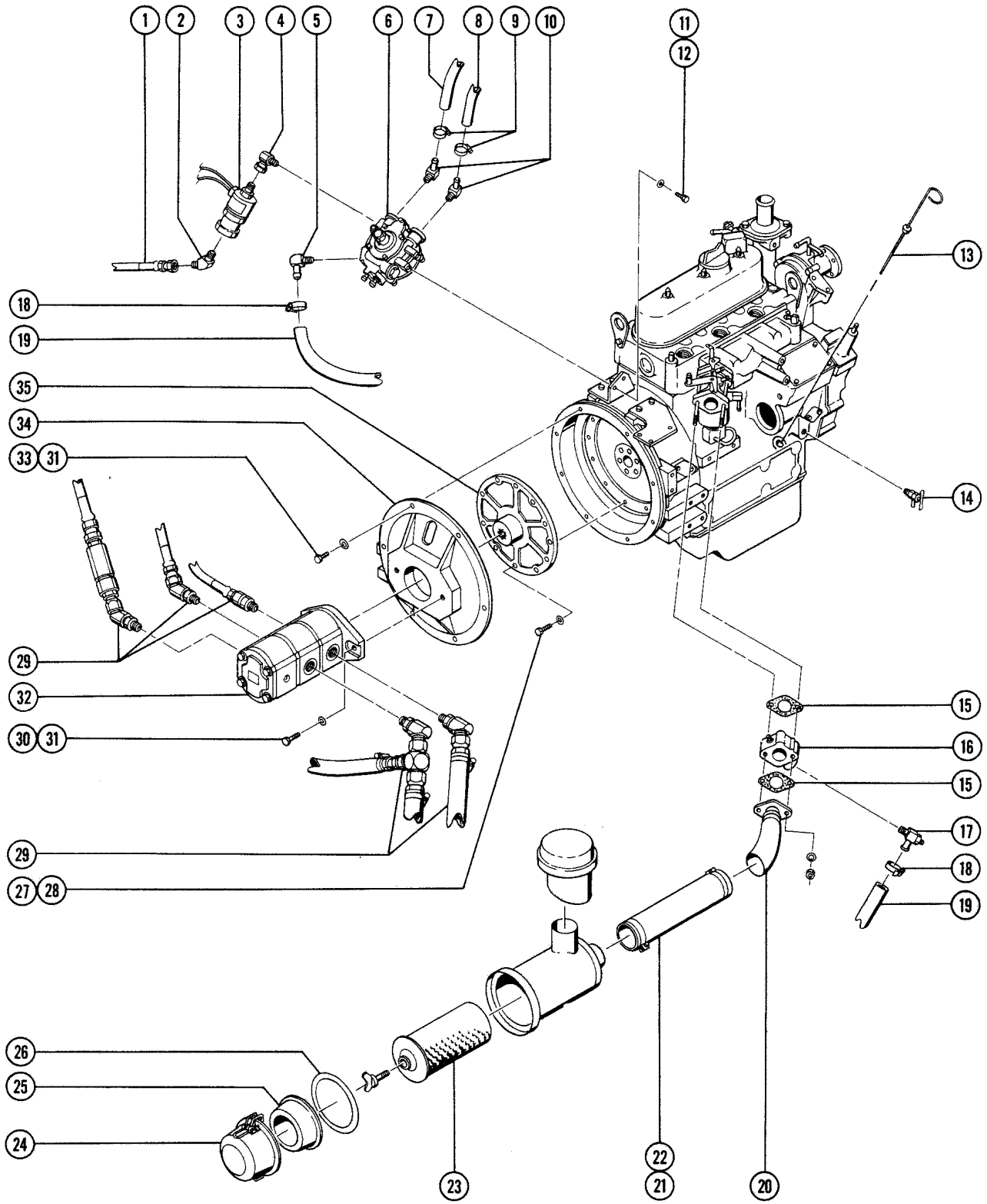


305.1 Kubota Gas Engine - View 2



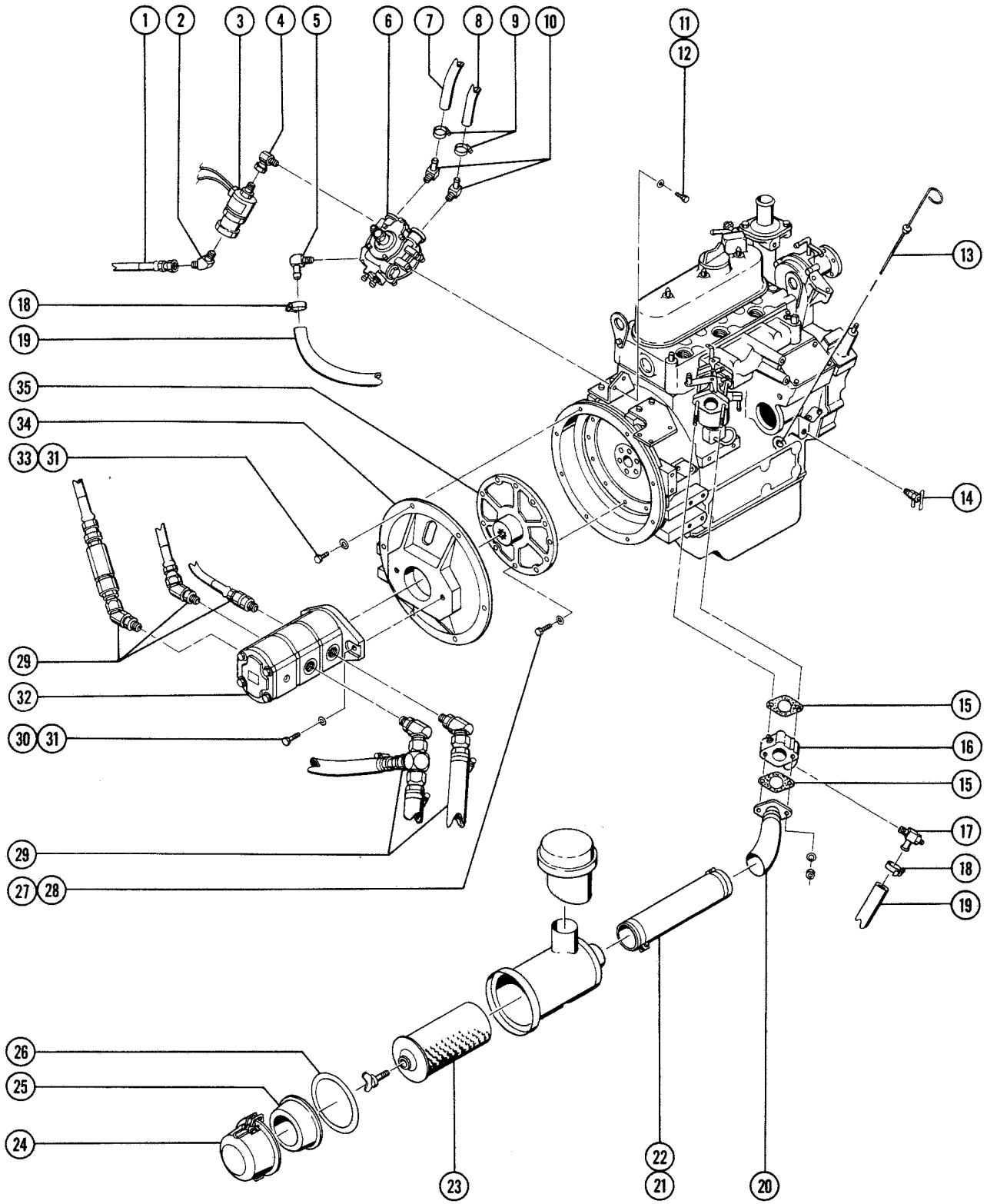
Item	Part No.	Description	Qty.
1	22278GT	SWITCH,VACUUM	1
2	23459GT	PLUG WIRE,DIS/COIL,WG750B	1
3	32076GT	COIL,IGNITION,KUBOTA WG750B	1
4	23463GT	CAP,SPARK PLUG,WG750B	3
5	23458GT	SPARK PLUG,WG750B***	3
6	23462GT	WIRE,SPARK PLUG,NO.3,WG750B***	1
7	23461GT	WIRE,SPARK PLUG,NO.2,WG750B***	1
8	23460GT	WIRE,SPARK PLUG,NO.1,WG750B***	1
9	22983GT	ROD,THROTTLE	1
9A	44190GT	SPRING,GOVERNOR,LOWER, WG750**	1
10	21496GT	NUT,HEX,1/4-28	4
11	31350GT	ROD,CHOKE	1
12	22955PGT	CRANK,CHOKE,PAINTED	1
13	22956GT	ROD,CHOKE (KUBOTA)**** length approximately 6 inch / 15 cm	1
14	6888GT	SCREW,HHC,1/4-20 X 1	2
15	6638GT	WASHER, FLAT, USS, 1/4"Y	2
16	6091GT	NUT, NYLOCK, 1/4-20	2
17	20780GT	SOLENOID,2 SPEED TROMBETTA***	2
18	23057GT	SCREW,HHC,M8 X 20MM	2
19	6021GT	WASHER,LOCK,.375	2
20	22954PGT	PLATE,SOLENOID MT.,PAINTED	1
21	22446GT	SPRING, COMPRESSION .835 X 2	1
22	6782GT	NUT, NYLOCK, 5/16-18	1
23	18506GT	SCREW 5/16-18 X .75 LG.FLG.LCK.	1
24	23478GT	DISTRIBUTOR ASSY, WG750B	1
24	23465GT	CAP,DISTRIBUTOR, WG750B	1
24	23464GT	ROTOR,DISTRIBUTOR,WG750B ONLY	1

306.1 Kubota Gas Engine - View 3



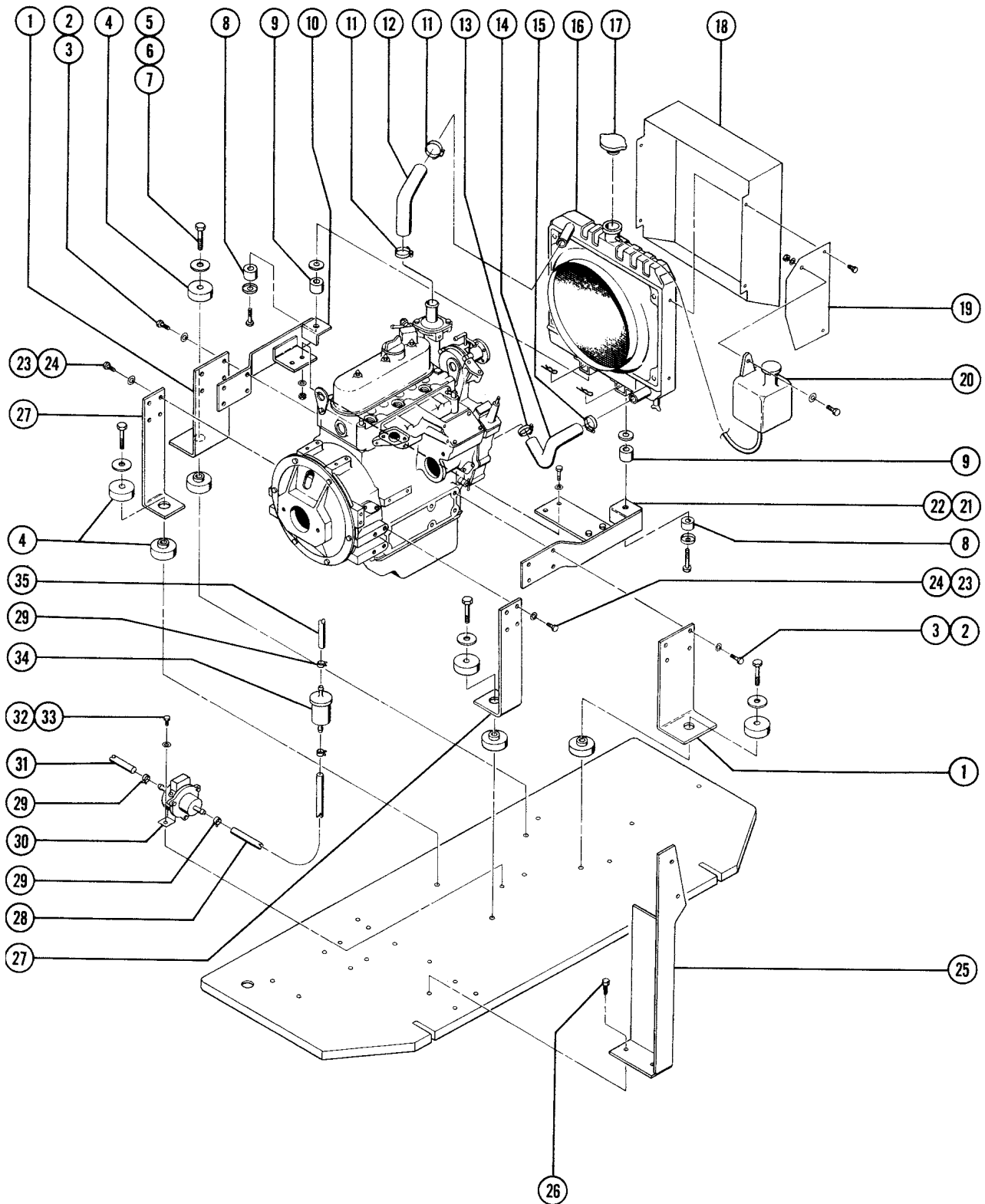
Item	Part No.	Description	Qty.
1	31396GT	HOSE ASSEMBLY,LP GAS - 72" LNG	1
2	19861GT	ELBOW,010302-6-4	1
3	27010GT	VALVE,LOCK OFF,BEAM #FL-418	1
4	31823GT	ELBOW,90DEG.SW.1/4FPT-1/4MPT	1
5	31821GT	ELBOW,90DEG.3/8MPT-1/2 BARB	1
6	22279GT	REGULATOR,LPG BEAM 60***	1
7		Ref. Hose -3/8 x 16 inches (40.6 cm)	1
8		Ref. Hose -3/8 x 6 inches (15.2 cm)	1
9	21465GT	CLAMP,HOSE, .25" TO .63" X .3125"	4
10	31817GT	ELBOW,90DEG.1/4MPT-3/8 BARB	2
11	6090GT	SCREW, HHC, 1/4-20 X .75	2
12	6356GT	WASHER,LOCK,.25	2
13	32219GT	DIPSTICK,KUBOTA DF750	1
14	32077GT	PETCOCK,DRAIN,KUBOTA WG750B	1
15	32080GT	GASKET,AIR CLEANER,WG750	2
16	23192GT	CARBURATOR RING,LP,WG750 includes index numbers 14 through 16	1
17	32081GT	VENTURI ADJUST ASSY(24552)	1
18	19273GT	CLAMP,HOSE,.75 **	2
19		Ref. LP Hose, 5561, MH8749UHO x 25.5 inches (64.7 cm)	2
20		AIR CLEANER FLANGE component no longer available	1
21	31944-950GT	TUBE,RD,RUBBER 1.75 ID.	1
22	839049GT	KUBOTA 15263-12370BAND PIPE	2
23	866000GT	KUBOTA 70000-11221 AIR ELEMENT	1
24	22943GT	AIR CLEANER COVER,SNAP ON	1
25	865321GT	KUBOTA 15221-11410 BAFFLE	1
26	839081GT	KUBOTA 15221-11170 GASKET A/C	1
27	13000GT	SCREW,HHC,5/16-18 X 1.25	6
28	6886GT	WASHER,LOCK,.313	6

306.1 Kubota Gas Engine - View 3



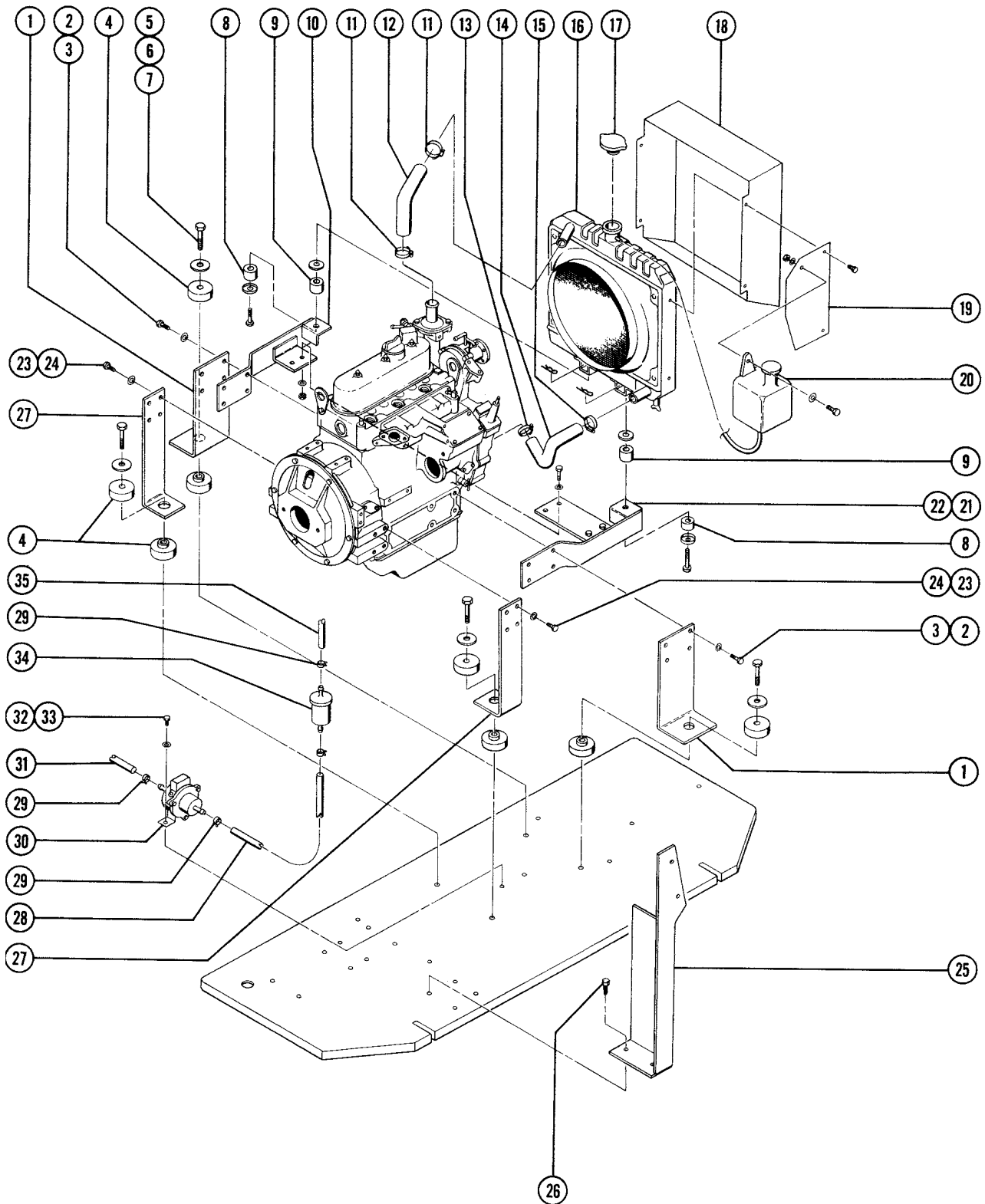
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
29		Ref. Hydraulic Hoses & Fittings refer to sections 413.1 and 414.1	6
30	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	2
31	6021GT	WASHER,LOCK,375	10
32	31049GT	PUMP ASSY,W SERIES 3-SECTION	1
32	58300GT	SEAL KIT,3 SECTION PUMP	1
33	6175GT	SCREW,HHC,3/8-16 X 1	8
34	37011GT	COVER,SAE,#5 A-MOUNT	1
35	31355GT	COUPLER,Z45MP OBS SEE COMMENTS	1
35	32079GT	COUPLER,FLEX PLATE,9T	1

307.1 Kubota Gas Engine - View 4



Item	Part No.	Description	Qty.
1	31127PGT	BRACKET,ENGINE MNT,GAS,PAINTED	2
2	22676GT	SCREW,HHC,M10 X 1.25 X 30MM**	8
3	22700GT	WASHER,LOCK,M10	8
4	24037GT	SHOCK MOUNT,LARGE**	8
5	8357GT	SCREW,HHC,1/2-13 X 3.5	4
6	24040GT	WASHER, 1/2 PLATE (1/2 X 2.25 X 3/16)	4
7	6198GT	NUT, NYLOCK, 1/2-13	4
8	865260GT	KUBOTA 15263-12370CUSHION	2
9	28156GT	CUSHION,RADIATOR,KUBOTA 1702**	2
10	32085GT	SUPPORT,RADIATOR,KUBOTA WG750	1
11	32087GT	CLAMP,HOSE,KUBOTA WG750	2
12	32088GT	HOSE,UPR RADIATOR,KUBOTA WG750	1
13	32092GT	CLAMP,HOSE,KUBOTA WG750	1
14	32090GT	HOSE,LWR RADIATOR,KUBOTA WG750	1
15	32066GT	CLAMP,HOSE,KUBOTA WG750	1
16	32089GT	RADIATOR ASSY,KUBOTA WG750/752	1
17	23061GT	CAP,RADIATOR,13 PSI	1
18	31370PGT	RADIATOR SHROUD,GAS,PAINTED	1
19	31391PGT	PLATE,RADIATOR BOTTLE MT,PAINT	1
20	1279268GT	BOTTLE, COOLANT RECOVERY, 2QT	1
21	32086GT	SUPPORT,RADIATOR,KUBOTA WG750	1
22	28963GT	RADIATOR STAY, KUBOTA 1702	1
23	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	8
24	6033GT	WASHER,LOCK,0.5"	8
25		BRACKET,AIR FILTER MNT,PAINTED	1
		Item no longer available	
26	18506GT	SCREW 5/16-18 X .75 LG.FLG.LCK.	2
27	31040PGT	BRACKET,ENGINE MNT,PAINTED	2
28		Ref. Hose - Gasoline, 0.25 inch ID x 13 inches (SAE 30R7)	2

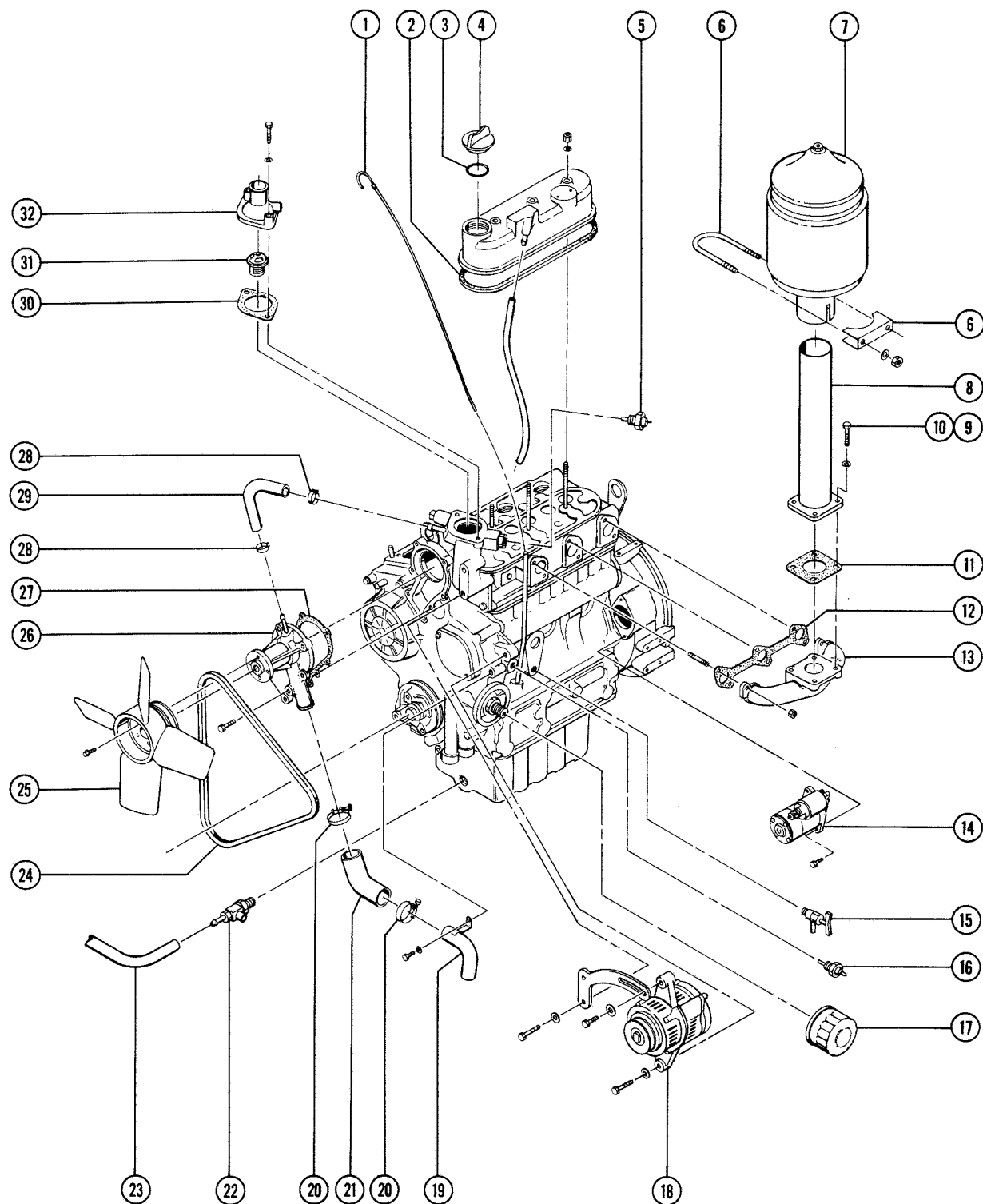
307.1 Kubota Gas Engine - View 4



307.1 Kubota Gas Engine - View 4

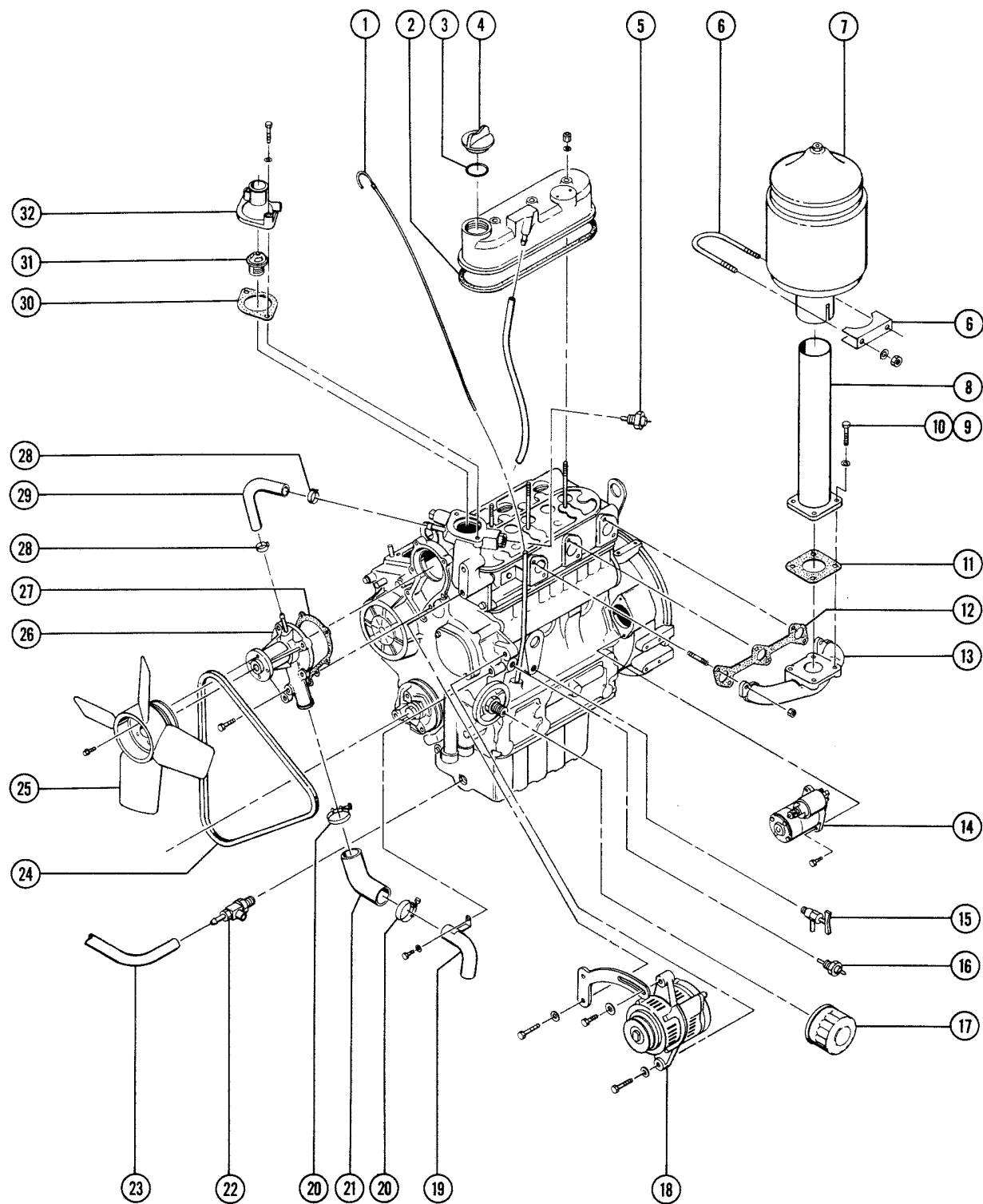
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
29	21465GT	CLAMP,HOSE, .25" TO .63" X .3125"	4
30	23167GT	PUMP,FUEL,KUBOTA GAS,INLINE	1
31		Ref. Hose - Gasoline, 0.25 inch ID x 44 inches (SAE 30R7)	1
32	6090GT	SCREW, HHC, 1/4-20 X .75	2
33	6356GT	WASHER,LOCK,.25	2
34	23168GT	FILTER,FUEL,IN-LINE**	1
35		Ref. Hose - Gasoline, 0.25 inch ID x 6 inches (SAE 30R7)	1

308.1 Kubota Diesel Engine - View 1



Item	Part No.	Description	Qty.
1	32188GT	DIPSTICK,KUBOTA D905***	1
2	32189GT	GASKET,VALVE COVER,KUBOTA D905	1
3	32190GT	PLUG,OIL FILLER,KUBOTA D905*** use until exhausted, (replaced by 839151)	1
3B	839151GT	KUBOTA OIL FILLER PLUG,V1305	1
4	22903GT	O-RING,OIL FILLER PLUG,KUBOTA*	1
5	54332GT	SWITCH,WATER TEMP	1
6	32064GT	CLAMP,MUFFLER,1.75 INCH	1
7	22046GT	MUFFLER,SUPERTRAPP	1
8	31368PGT	EXHAUST EXTENSION WLDMT,PAINT	1
9	23057GT	SCREW,HHC,M8 X 20MM	4
10		Ref. Washer - Lock, M8	4
11	832128GT	GASKET,MUFFLER,KUBOTA D905/11	1
12	32191GT	GASKET,EXHAUST MANIFOLD,D905	1
13	32192GT	MANIFOLD,EXHAUST,KUBOTA D905	1
14	32193GT	STARTER,KUBOTA D905 VERS 1	1
14	32194GT	SOLENOID,32193 STARTER,D905	1
15	32077GT	PETCOCK,DRAIN,KUBOTA WG750B	1
16	22934GT	SWITCH,OIL,PRESSURE,KUBOTA use until exhausted, (replaced by 839190)	1
16B	839190GT	KUBOTA LOW OIL PRES SWITCH	1
17	866400GT	KUBOTA OIL FILTER	1
18	866090GT	ALTERNATOR,KUBOTA* D905	1
19	32195GT	HOSE,LOWER RADIATOR,DF752 use until exhausted,(replaced by 839110)	1
19B	839110GT	HOSE,RADIATOR,LOWER,KUBOTA	1
20	32066GT	CLAMP,HOSE,KUBOTA WG750	2
21	32067GT	HOSE,WATER PUMP,KUBOTA**	1
22	31702GT	VALVE,ENGINE OIL DRAIN	1
23		Ref. Hose, 3/8 x 22 inches, (H20106)	1
24	32196GT	BELT,V, KUBOTA D905 use until exhausted, (replaced by 839209)	1

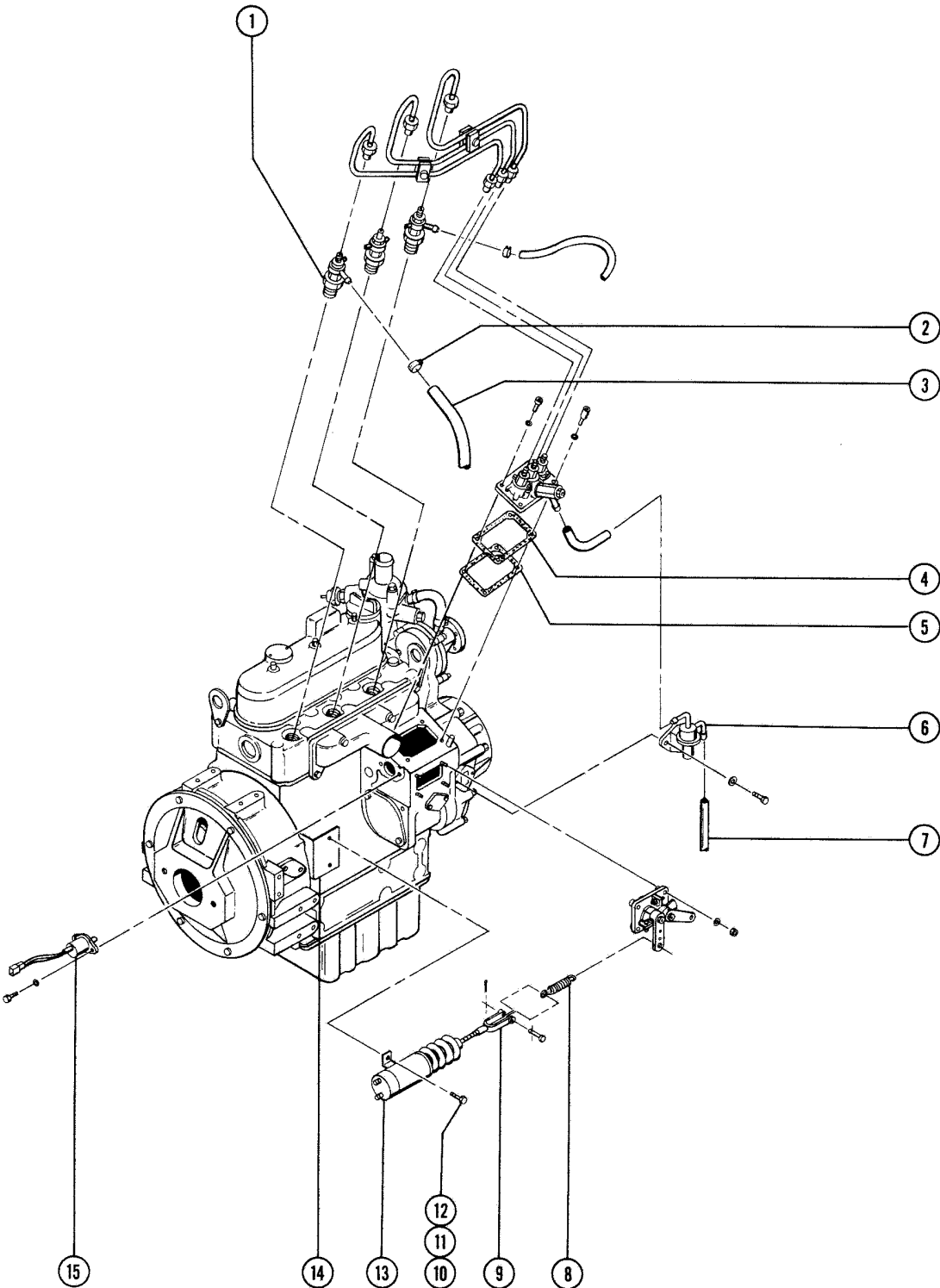
308.1 Kubota Diesel Engine - View 1



308.1 Kubota Diesel Engine - View 1

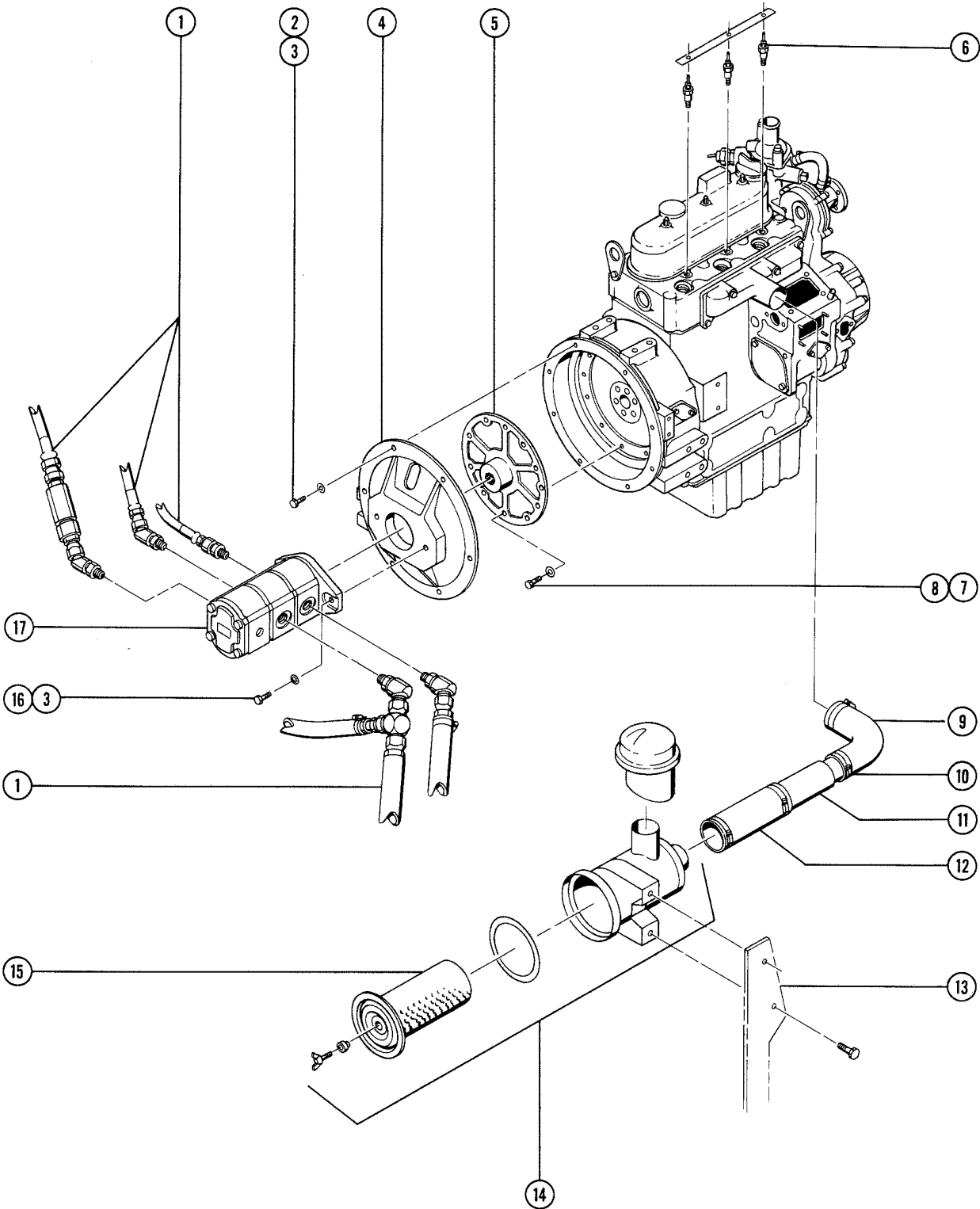
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
24B	839209GT	V-BELT, KUBOTA 1105	1
25	32197GT	FAN,KUBOTA D905	1
26	32198GT	PUMP, WATER, KUBOTA D905	1
27	32199GT	GASKET,WATER PUMP	1
28	32069GT	CLAMP,HOSE,KUBOTA WG750	4
29	32200GT	HOSE,WATER PUMP RETURN,D905	1
30	866397GT	KUBOTA GASKET,THERMOSTAT	1
31	23473GT	THERMOSTAT ASSY, WG750B	1
32	32201GT	THERMOSTAT, HOUSING, KUBO D905	1

309.1 Kubota Diesel Engine - View 2



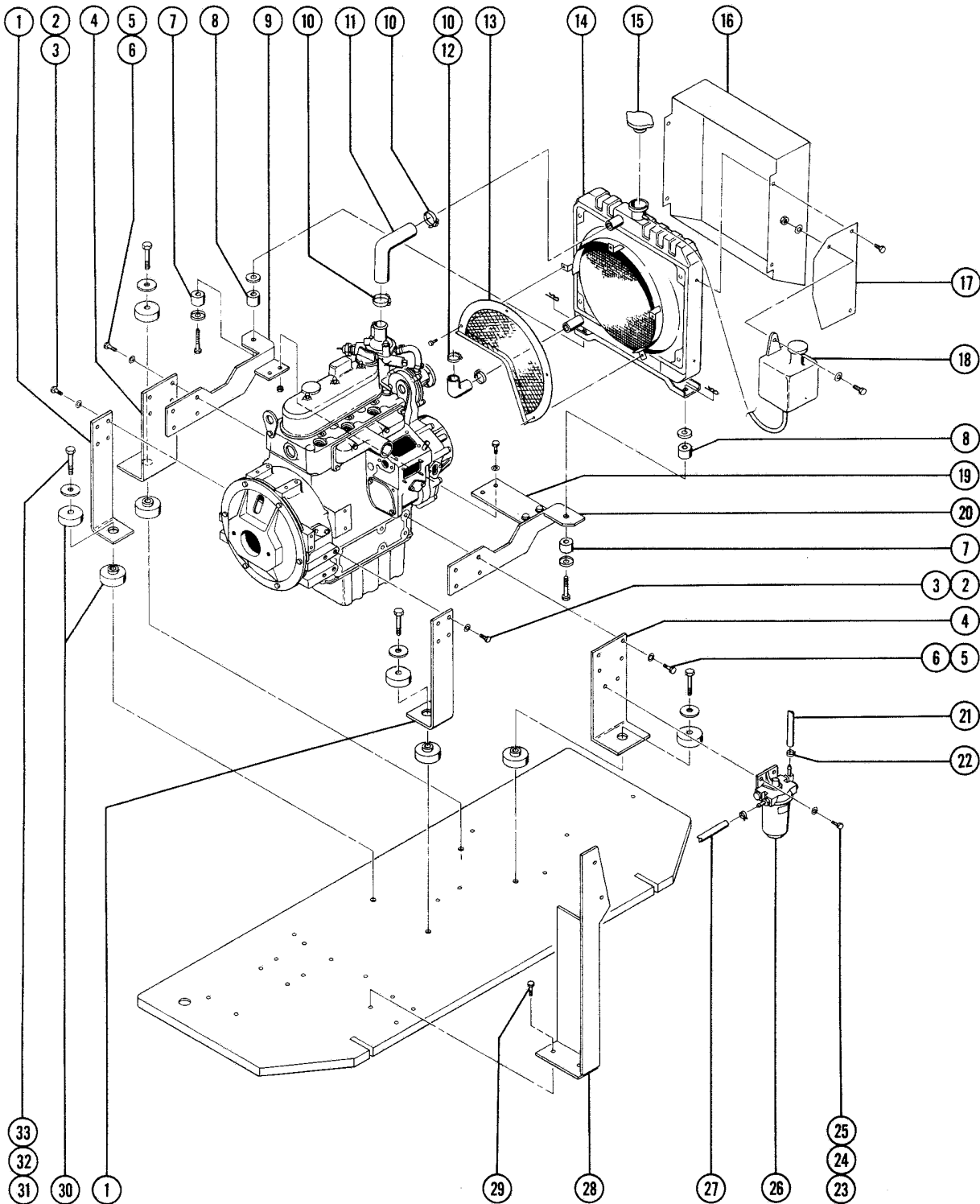
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	32102GT	INJECTOR,FUEL,D905	3
2	21465GT	CLAMP,HOSE, .25" TO .63" X .3125"	1
3		Ref. Hose - Gasoline, 0.25 inch ID x 84 inches (SAE 30R7)	1
4	32103GT	GASKET,INJECTION PUMP	1
5	32182GT	GASKET,INJECTION PUMP	1
6	866070GT	FUEL PUMP, MECHANICAL	1
6	839233GT	KUBOTA FUEL PUMP GASKET	1
7		Ref. Hose - Gasoline, 0.25 inch ID x 9 inches (SAE 30R7)	1
8	31379GT	SPRING,TENSION-1.25 X.438 DIA	1
9	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN	1
		includes clevis pin	
10	6090GT	SCREW, HHC, 1/4-20 X .75	2
11	6638GT	WASHER, FLAT, USS, 1/4"Y	2
12	6091GT	NUT, NYLOCK, 1/4-20	2
13	20780GT	SOLENOID,2 SPEED TROMBETTA***	1
14	31375GT	ANGLE,SOLENOID MOUNT	1
15	94675GT	KIT,KUBOTA SOLENOID REPLACE***	1

310.1 Kubota Diesel Engine - View 3



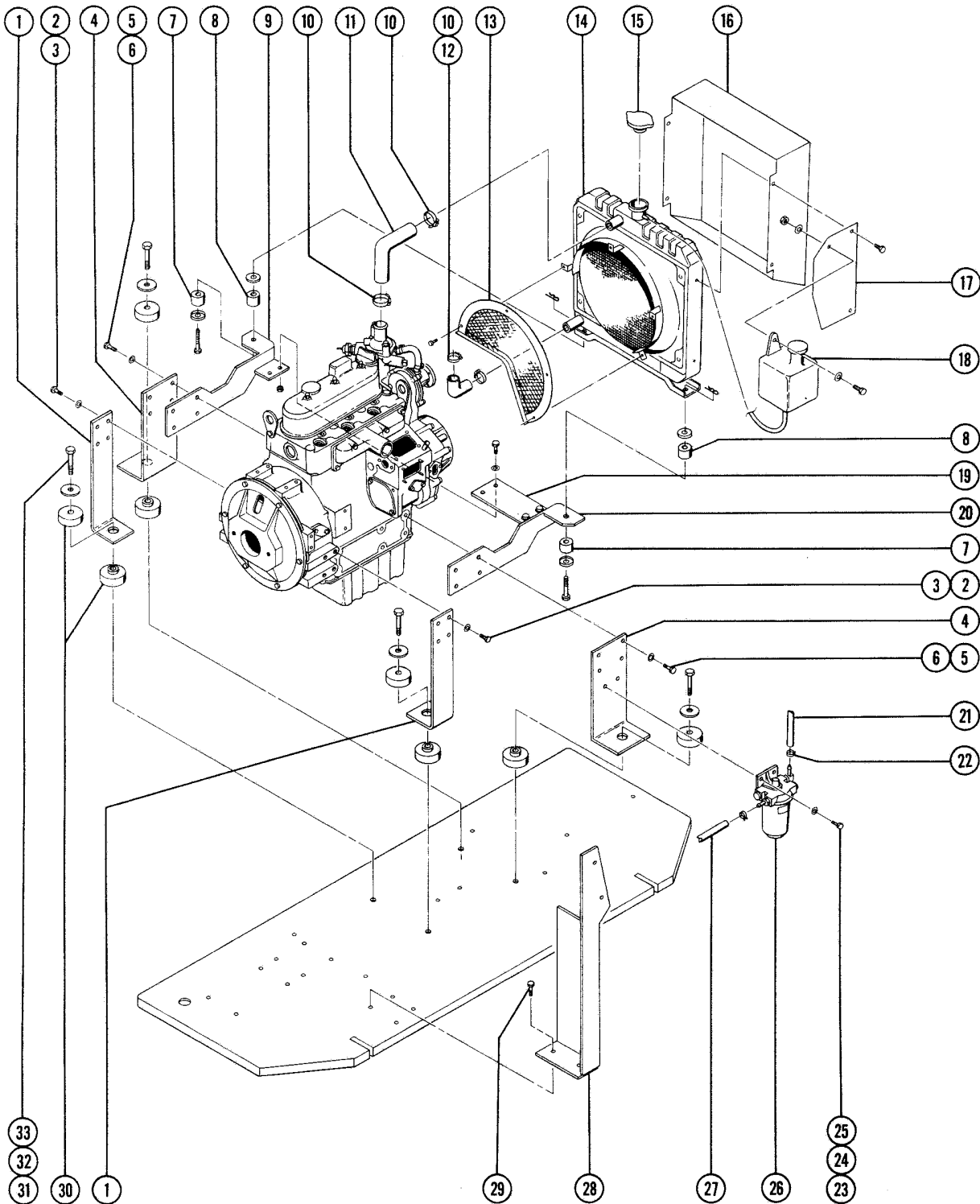
Item	Part No.	Description	Qty.
1		Ref. Hydraulic Hoses & Fittings (refer to figures 4-M or 4-N, pages 4-34 or 4-40) refer to sections 413.1 and 414.1	
2	8255GT	SCREW,HHC,3/8-16 X .75	8
3	6021GT	WASHER,LOCK,.375	10
4	37011GT	COVER,SAE,#5 A-MOUNT	1
5	31355GT	COUPLER,Z45MP OBS SEE COMMENTS	1
5	32079GT	COUPLER,FLEX PLATE,9T	1
6	28058GT	GLOW PLUG,KUBOTA 36HP	3
7	13000GT	SCREW,HHC,5/16-18 X 1.25	6
8	6886GT	WASHER,LOCK,.313	6
9	28976GT	PIPE,AIR INLET,KUBOTA 1702	1
10	22692GT	WASHER,WAVE SPRG,1X.635X.015	4
11	31397GT	ADAPTER,AIR FILTER HOSE	1
12	31403GT	Hose - Air Filter	1
13		BRACKET,AIR FILTER MNT,PAINTED	1
		Item no longer available	
14	32184GT	AIR CLEANER KIT,KUBOTA D905	1
		includes index number 15	
15	31745GT	FILTER,AIR,D905	1
		use until exhausted, (replaced by 236095)	
15B	236095GT	FILTER,AIR,D1105	1
16	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	2
17	31049GT	PUMP ASSY,W SERIES 3-SECTION	1
17	58300GT	SEAL KIT,3 SECTION PUMP	1

311.1 Kubota Diesel Engine - View 4



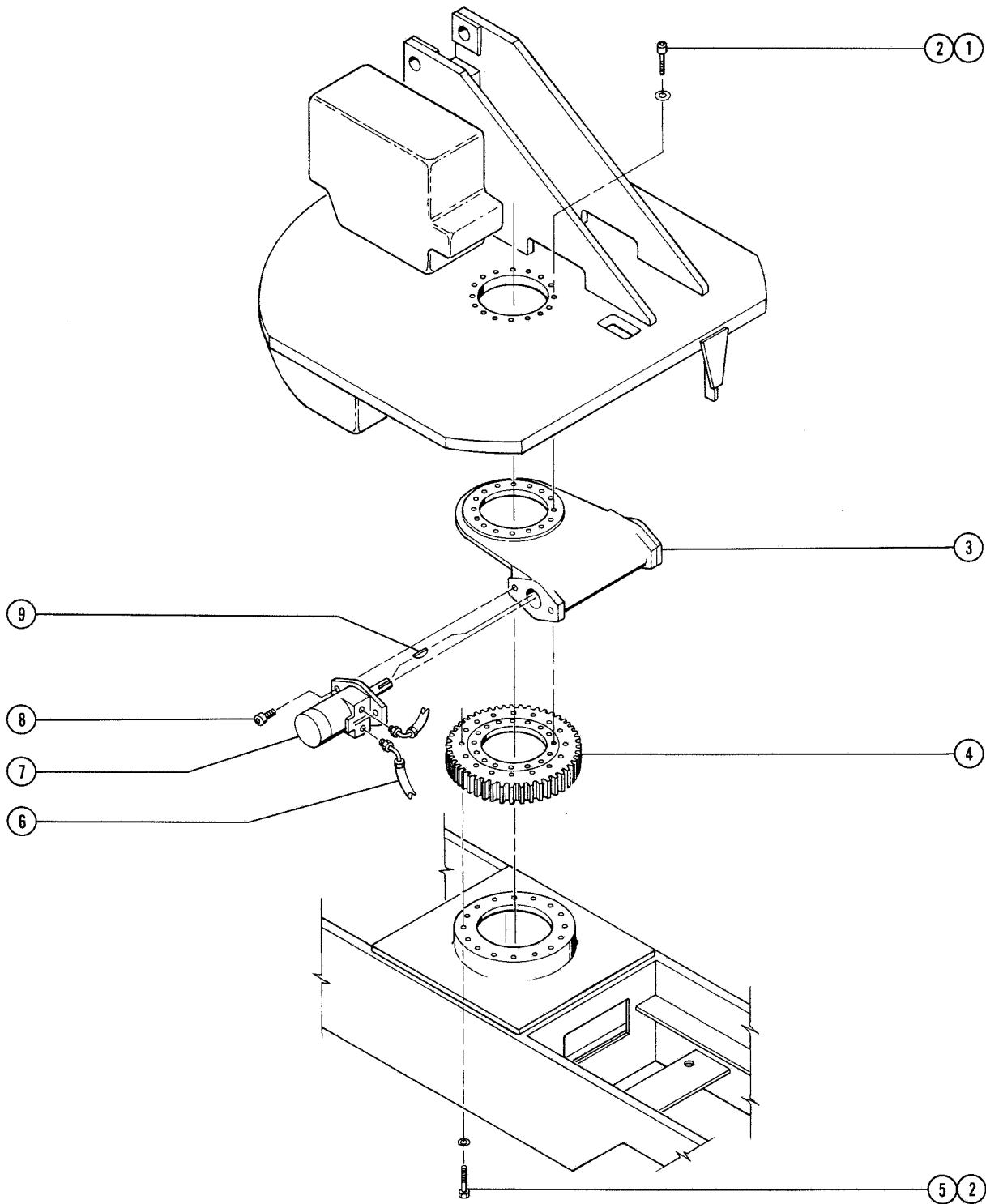
Item	Part No.	Description	Qty.
1	31040PGT	BRACKET,ENGINE MNT,PAINTED	2
2	6033GT	WASHER,LOCK,0.5"	8
3	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	8
4	29542PGT	BRACKET,ENG.MNT,DIESEL,PAINTED	2
5	22676GT	SCREW,HHC,M10 X 1.25 X 30MM**	8
6	22700GT	WASHER,LOCK,M10	8
7	865260GT	KUBOTA 15263-12370CUSHION	2
8	28156GT	CUSHION,RADIATOR,KUBOTA 1702**	2
9	32204GT	SUPPORT,RADIATOR,KUBOTA D905	1
10	32185GT	CLAMP,HOSE	4
11	32205GT	HOSE,UPPR RADIATOR,KUBOTA D905 use until exhausted, (replaced by 839109)	1
11B	839109GT	KUBOTA WATER PIPE	1
12	32195GT	HOSE,LOWER RADIATOR,DF752 use until exhausted,(replaced by 839110)	1
12B	839110GT	HOSE,RADIATOR,LOWER,KUBOTA	1
13	866113GT	GUARD,FAN,KUBOTA	1
14	32207GT	RADIATOR ASSY,KUBOTA D905%%	1
15	23061GT	CAP,RADIATOR,13 PSI	1
16	31380PGT	RADIATOR SHROUD,DIESEL,PAINTED OBSOLETE; USE UNTIL EXHAUSTED	1
17	31391PGT	PLATE,RADIATOR BOTTLE MT,PAINT	1
18	1279268GT	BOTTLE, COOLANT RECOVERY, 2QT	1
19	32209GT	RADIATOR STAY,INNER.KUBOTA D905	1
20	32208GT	SUPPORT,RADIATOR,KUBOTA D905	1
21		Ref. Hose - Gasoline, 0.25 inch ID x 9 inches (SAE 30R7)	1
22	21465GT	CLAMP,HOSE, .25" TO .63" X .3125"	2
23	6888GT	SCREW,HHC,1/4-20 X 1	2
24	6356GT	WASHER,LOCK,.25	2
25	6638GT	WASHER, FLAT, USS, 1/4"Y	2
26	22290GT	SEPARATOR, FUEL/WATER, DIESEL	1

311.1 Kubota Diesel Engine - View 4



<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
26	22942GT	FILTER FOR FUEL/WTR SEP,22290	1
27		Ref. Hose - Gasoline, 0.25 inch ID x 48 inches (SAE 30R7)	1
28		BRACKET,AIR FILTER MNT,PAINTED	1
		Item no longer available	
29	18506GT	SCREW 5/16-18 X .75 LG.FLG.LCK.	2
30	24037GT	SHOCK MOUNT,LARGE**	8
31	8357GT	SCREW,HHC,1/2-13 X 3.5	4
32	24040GT	WASHER, 1/2 PLATE (1/2 X 2.25 X 3/16)	4
33	6198GT	NUT, NYLOCK, 1/2-13	4

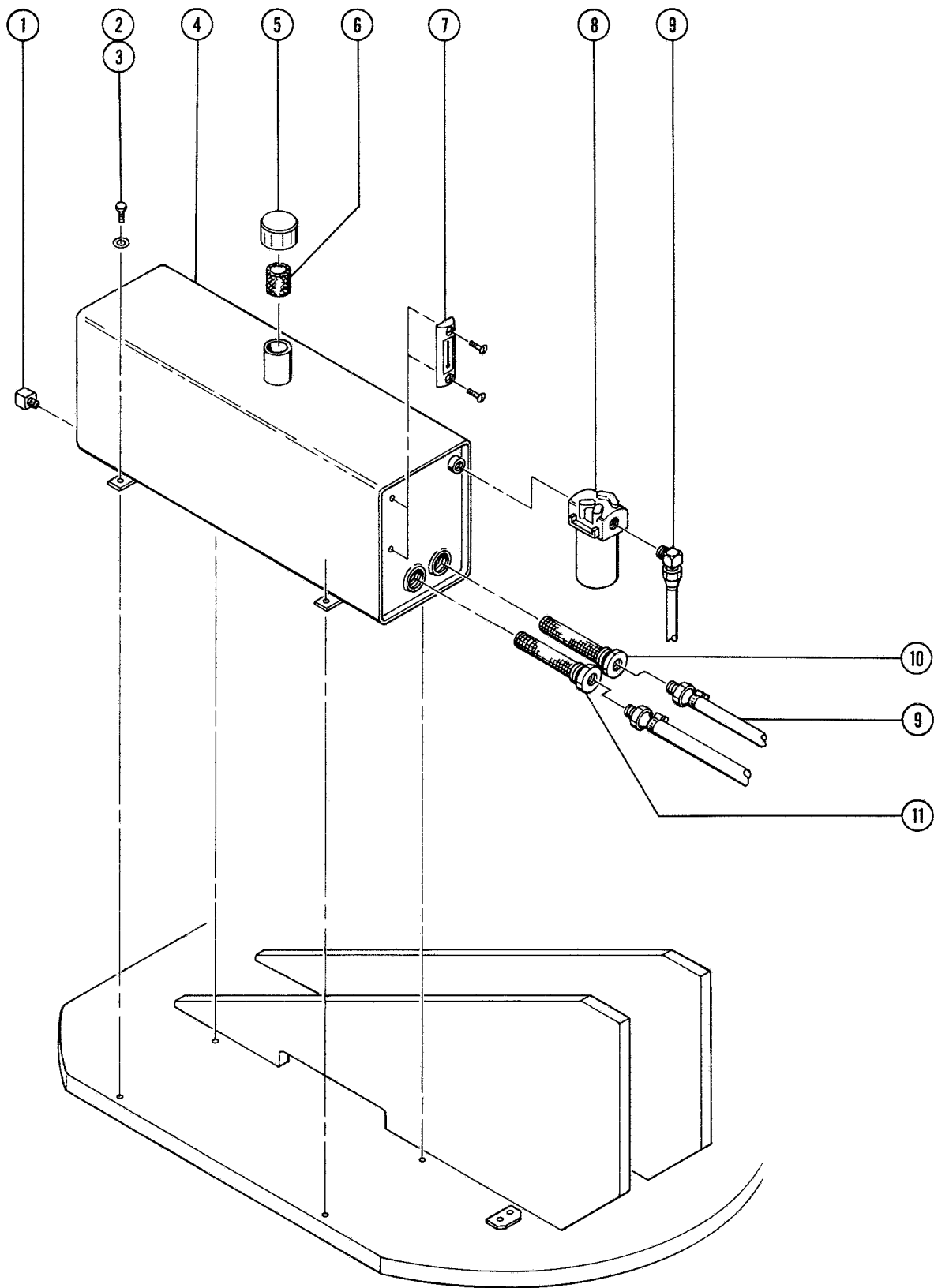
401.1 Turntable Rotator



401.1 Turntable Rotator

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	25068GT	SCREW,SHC,5/8-11 X 4.5,A574	24
2	13064GT	WASHER,FLAT,.625 HARDENED	42
3	24486GT	WORM DRIVE,ROTATION	1
4	24485GT	BEARING,SWING CHASSIS	1
4	22794GT	ZERK,GREASE,1/8 NPT,45DEG	1
5	25067GT	SCREW,SHC,5/8-11 X 6.5	18
6		Ref. Hydraulic Hoses & Fittings	18
		refer to section 412.1	
7	27372GT	MOTOR,TURNTABLE O-RING PORTS	1
		includes index number 9	
7	27275GT	SEAL KIT (21172)	1
8	22202GT	SCREW,SHC,1/2-13 X 2.25 ***	2
9	32224GT	KEY-WOODRUFF	1

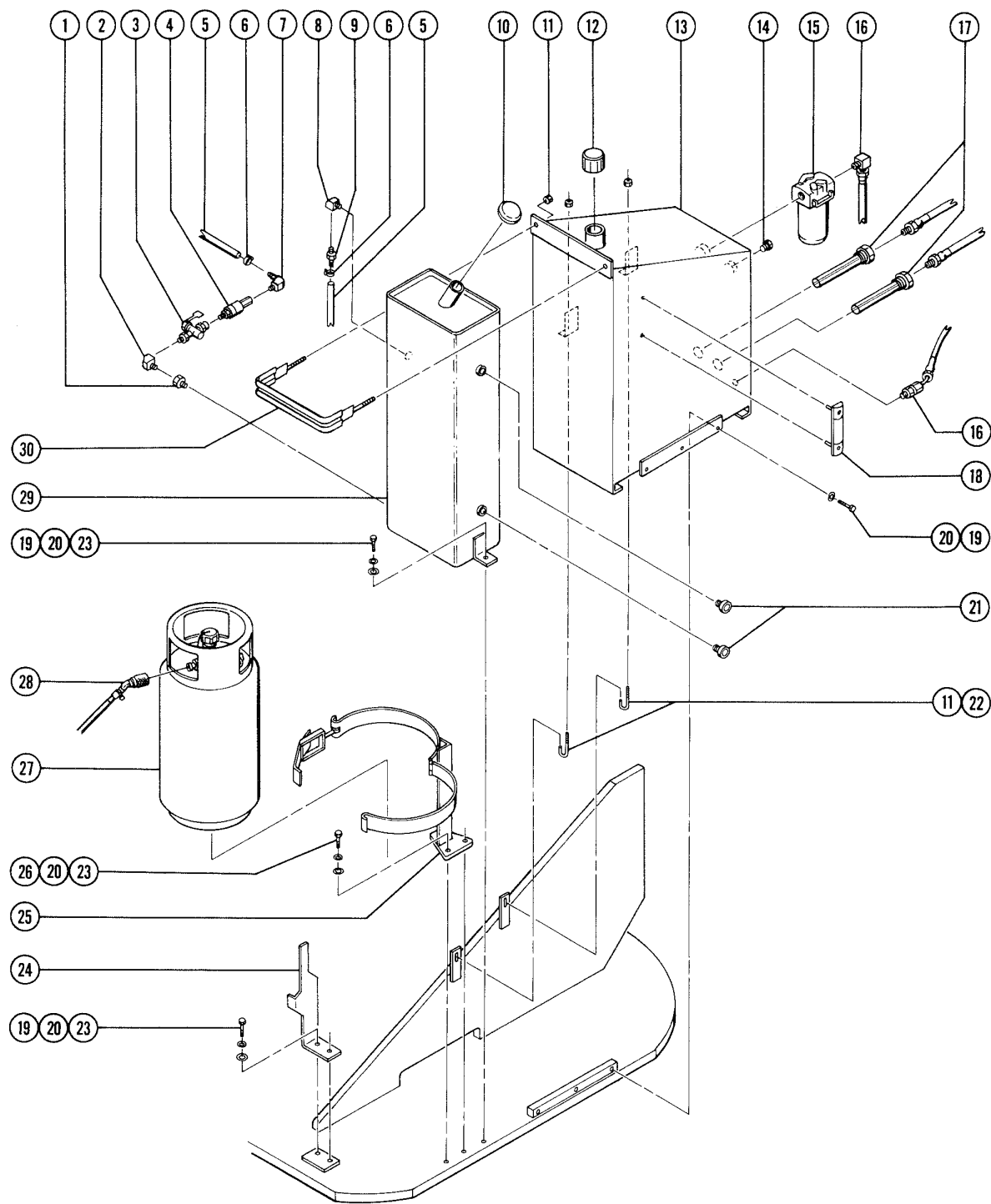
402.1 Hydraulic Tank - DC Power Models



402.1 Hydraulic Tank - DC Power Models

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	31507GT	PLUG,SQUARE HEAD,3/4 MPT	1
2	8255GT	SCREW,HHC,3/8-16 X .75	2
3	6021GT	WASHER,LOCK,.375	2
4	29623PGT	RESERVOIR,HYDRAULIC,PAINTED	1
5	53534GT	FILTER SCREEN,TANK BREATHER	1
6	31506GT	STRAINER,FILLER NECK	1
7	21141GT	GAUGE-SIGHT,LHA-LGTB***	1
8	29908GT	FILTER ASSY W/INDICATOR LH	1
8	20293GT	FILTER ELEMENT-10MICRON.**	1
9		Ref. Hydraulic Hoses & Fittings	1
		refer to section 412.1	
10	45161GT	STRAINER ASSEMBLY,1.5" NPT	1
11	45162GT	STRAINER ASSEMBLY,1.25" NPT***	1

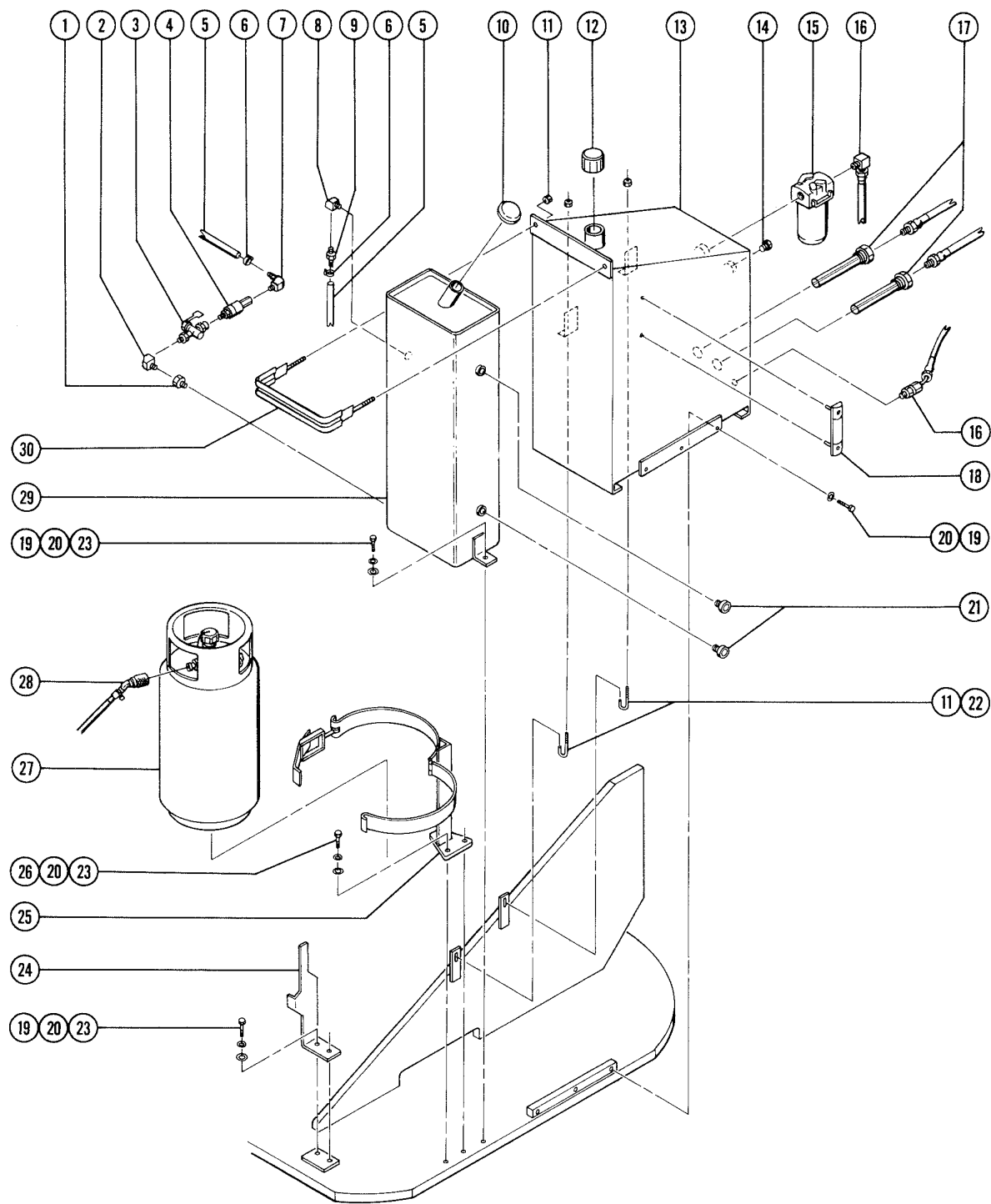
403.1 Hydraulic and Fuel Tanks - Engine Models



403.1 Hydraulic and Fuel Tanks - Engine Models

Item	Part No.	Description	Qty.
1	6648GT	BUSHING,140140-6-4	1
2	19363GT	ELBOW,130239-4-4	1
3	19487GT	VALVE, FUEL LOCK	1
4	139898GT	SOLENOID-GASOLINE FUEL	1
		Kubota Gas models	
5	30490GT	HOSE,1/4 FUEL LINE,SAE 30R7	37
		Kubota Gas models - 1 each	
5	30490GT	HOSE,1/4 FUEL LINE,SAE 30R7	61
		Kubota Diesel models - 2 each	
6	21465GT	CLAMP,HOSE, .25" TO .63" X .3125"	1
		Kubota Gas models	
6	21465GT	CLAMP,HOSE, .25" TO .63" X .3125"	2
		Kubota Diesel models	
7	31818GT	ELBOW,90DEG.1/8MPT-1/4 BARB	1
		Kubota Gas models	
7	29137GT	HOSE END,MALE.25 X .25 MPT***	1
		Kubota Diesel models	
8	19363GT	ELBOW,130239-4-4	1
		Kubota Diesel models	
8	18218GT	PLUG,PIPE,HEX HEAD,STL,1/4NPT	1
		Kubota Gas models	
9	29137GT	HOSE END,MALE.25 X .25 MPT***	2
		Kubota Diesel models	
10	28829GT	CAP,FUEL,RED***	1
		Kubota Gas models	
10	25567GT	CAP,FUEL,GREEN*	1
		Kubota Diesel models	
11	4828GT	NUT,NYLOCK,3/8-16	4
12	53534GT	FILTER SCREEN,TANK BREATHER	1
13	29948PGT	RESERVOIR,HYDRCLC,Z45MP,PAINTED	1
14	30346GT	PLUG,HEX HEAD,090109A-12	1
15	29908GT	FILTER ASSY W/INDICATOR LH	1
15	20293GT	FILTER ELEMENT-10MICRON.**	1
16		Ref. Hydraulic Hoses & Fittings	1
		refer to sections 413.1 and 414.1	
17	45161GT	STRAINER ASSEMBLY,1.5" NPT	2
18	21141GT	GAUGE-SIGHT,LHA-LGTB***	1
19	8255GT	SCREW,HHC,3/8-16 X .75	6
20	6021GT	WASHER,LOCK,.375	9
21	30128GT	VIEW GAUGE 3/4 MPT	2
22	35474GT	J-BOLT,3/8-16,PLATED	2

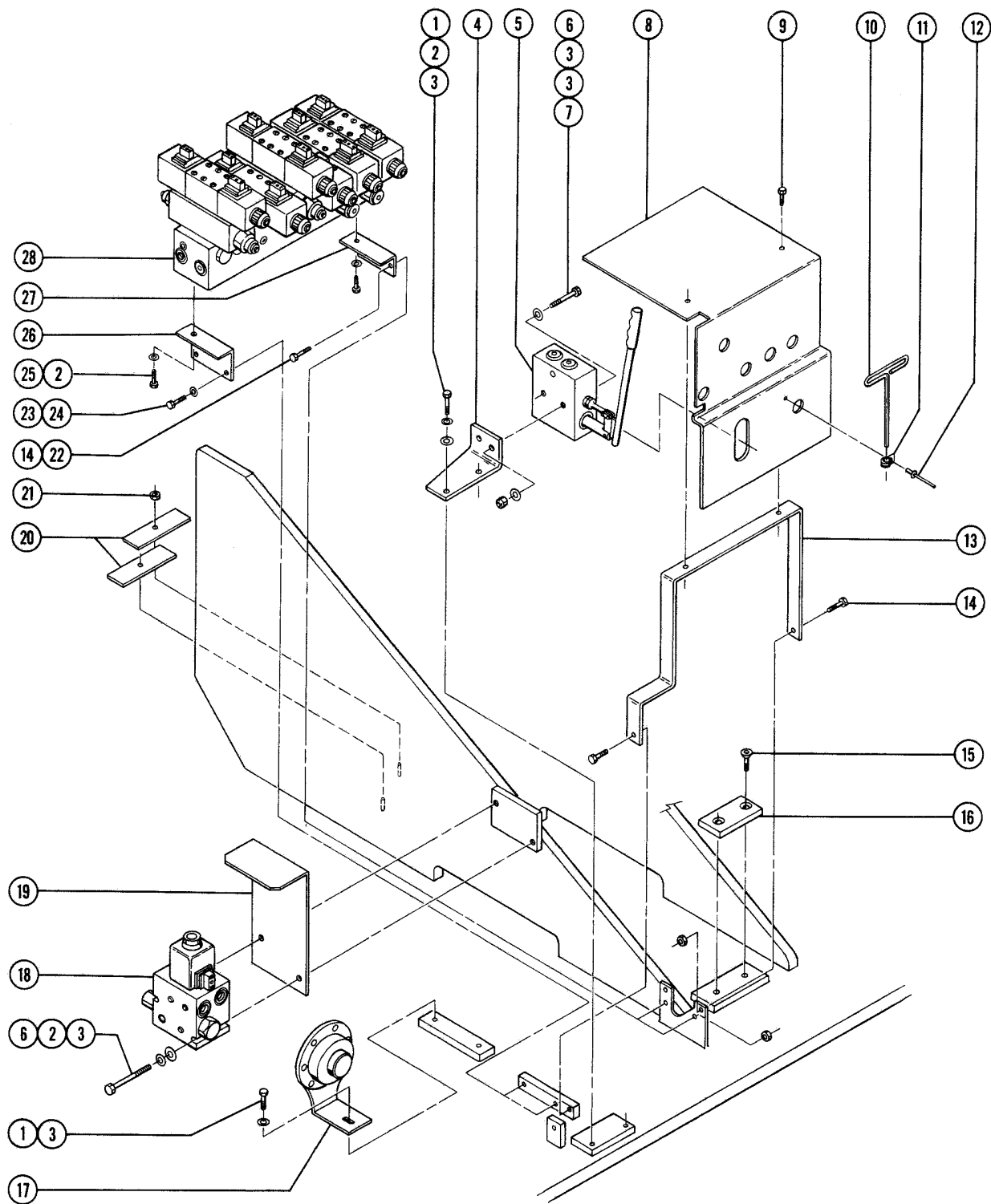
403.1 Hydraulic and Fuel Tanks - Engine Models



403.1 Hydraulic and Fuel Tanks - Engine Models

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
23	6097GT	WASHER,FLAT,USS,3/8",Y	6
24	31365PGT	BRACKET,COVER LATCH,PAINTED	1
25	31029GT	WELDMENT,LP BOTTLE BRACKET	1
26	6175GT	SCREW,HHC,3/8-16 X 1	3
27	53605GT	TANK, 7 GAL/33.5 POUND, LP	1
28	31396GT	HOSE ASSEMBLY,LP GAS - 72" LNG	1
29	29938PGT	FUEL TANK,STEEL,GAS,PNTD 8 GAL	1
		Kubota Gas models	
29	29949PGT	FUEL TANK,Z45MP,DSL 18.2 GAL	1
		Kubota Diesel models	
30	32037GT	STRAP,TANK W/RUBBER GAS Z45MP	1
		Kubota Gas models	
30	32038GT	STRAP,TANK W/RUBBER DSL Z45MP	1
		Kubota Diesel models	

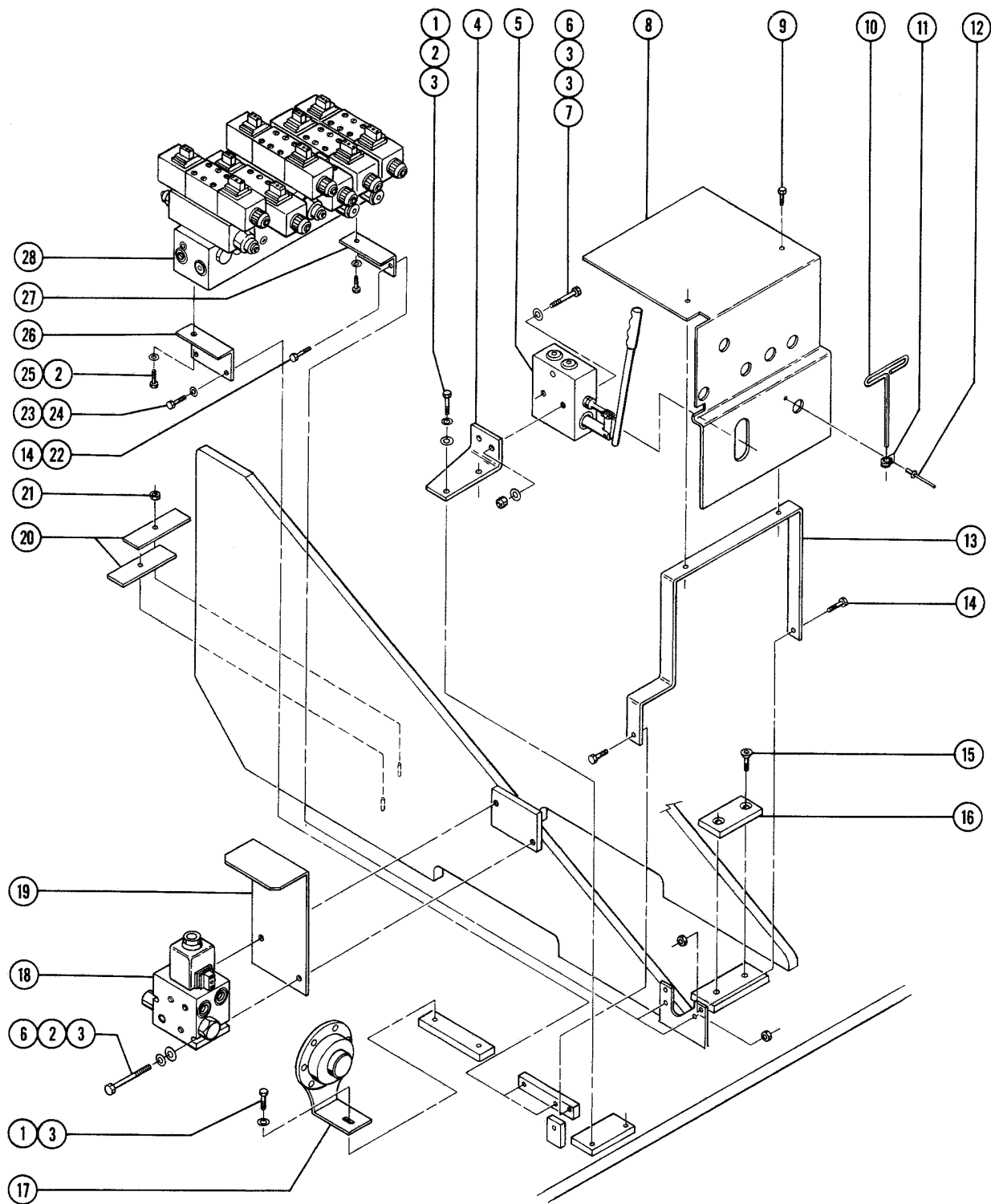
404.1 Turntable Manifold Installations



404.1 Turntable Manifold Installations

Item	Part No.	Description	Qty.
1	8255GT	SCREW,HHC,3/8-16 X .75	4
2	6021GT	WASHER,LOCK,.375	5
3	6097GT	WASHER,FLAT,USS,3/8",Y	10
4	31372PGT	ANGLE,HAND PUMP MOUNT,PAINTED DC Models; shown	1
4	31374GT	WELDMENT,COVER SPPT.BRACKET Engine Models	1
5		PUMP,HAND*** (40603) component no longer available	1
5	19187GT	SEAL KIT (45497 & 45653 PUMPS)	1
6	21604GT	SCREW,HHC,3/8-16 X 3.25	4
7	4828GT	NUT,NYLOCK,3/8-16	2
8	29847PGT	COVER,FUNCTION MANIFOLD,PAINTD	1
9	18506GT	SCREW 5/16-18 X .75 LG.FLG.LCK.	2
10	31113GT	3/16 X 6" WIRE T-HANDLE	1
11	45470GT	CLAMP,0.31,#5 X 1/4,RUB CUSH	1
12	7265GT	RIVET,STEEL,P, .25 X .375	1
13	29846PGT	BRACKET,MANIFOLD COVER,PAINTED	1
14	10107GT	SCREW,HHC,5/16-18 X .75	4
15	16439GT	SCREW,FHS,3/8-16 X 1	2
16	25015GT	PAD,LWR ARM REST (2WD)	1
17	56264GT	HORN,12V SCREW TERMINAL ***	1
18	29635GT	VALVE ASSY,12V PROPORTIONAL	1
19	29636PGT	BRACKET,PROPORT.VALVE MNT,PNTD	1
20	45443PGT	HOSE CLAMP-6.00 LG-PAINTED	2
21	6091GT	NUT, NYLOCK, 1/4-20	2
22	6782GT	NUT, NYLOCK, 5/16-18	2
23	13002GT	SCREW,HHC,5/16-18 X 1 GR5	2
24	6886GT	WASHER,LOCK,.313	2
25	6175GT	SCREW,HHC,3/8-16 X 1	2
26	29808PGT	BRACKET,MANIFOLD MT.,PAINTED	1

404.1 Turntable Manifold Installations

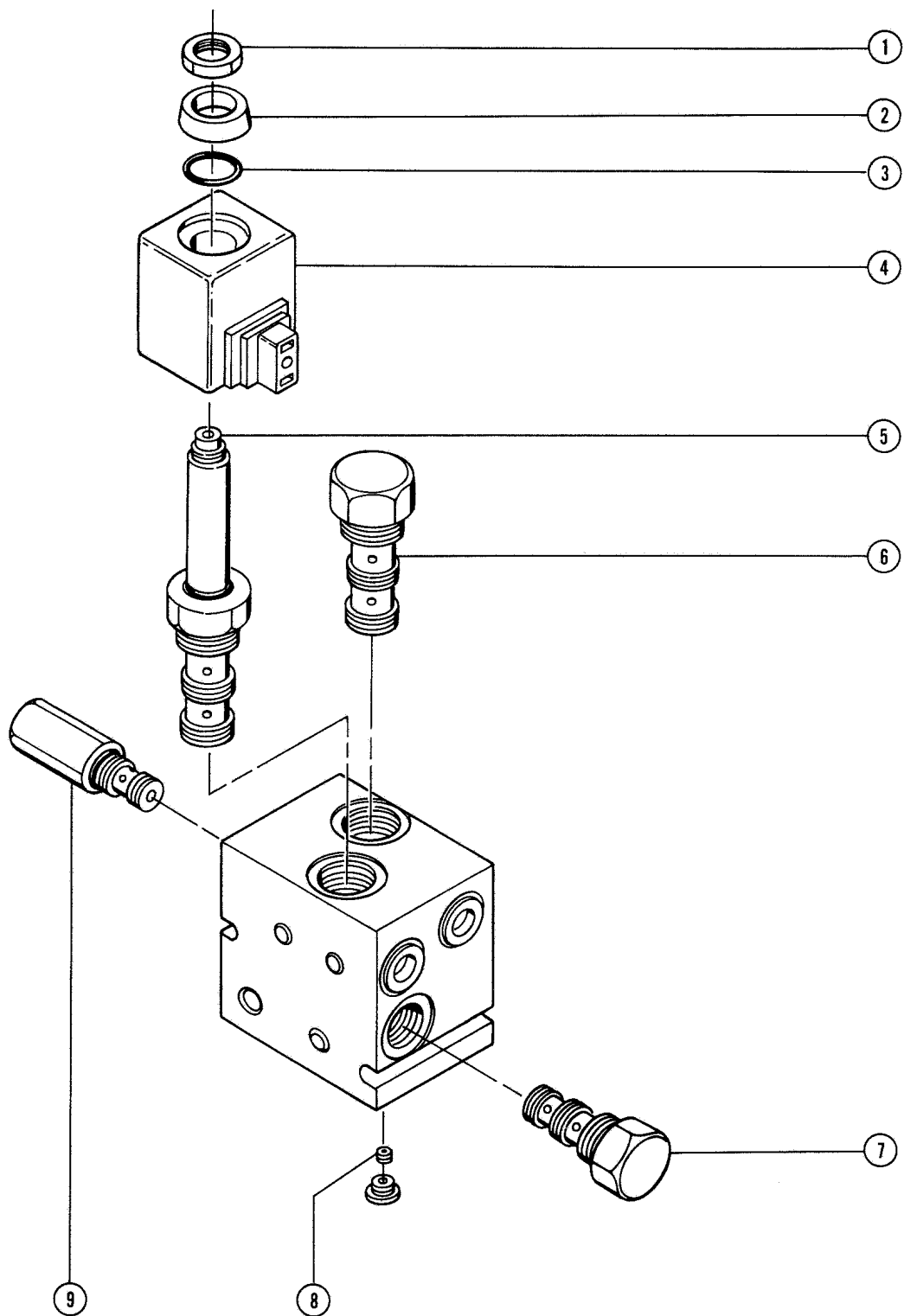


404.1 Turntable Manifold Installations

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
27	29807PGT	BRACKET,MANIFOLD MT.,PAINTED	1
28		Ref. Function Manifold, Complete	1
		from SN 869; refer to section 407.1	
28		Ref. Function Manifold, Complete	1
		to SN 868; refer to section 406.1	



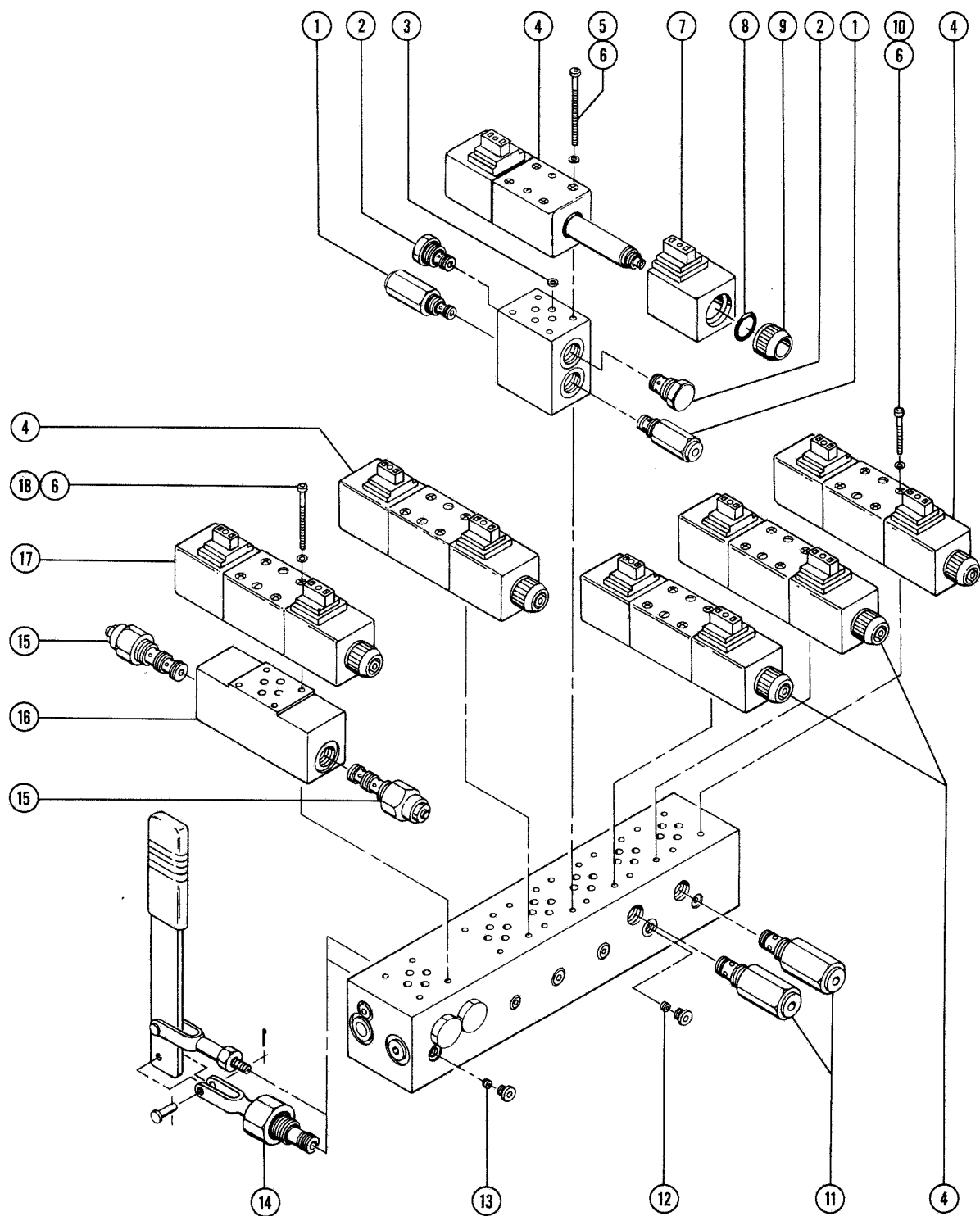
405.1 Proportional Control Manifold



405.1 Proportional Control Manifold

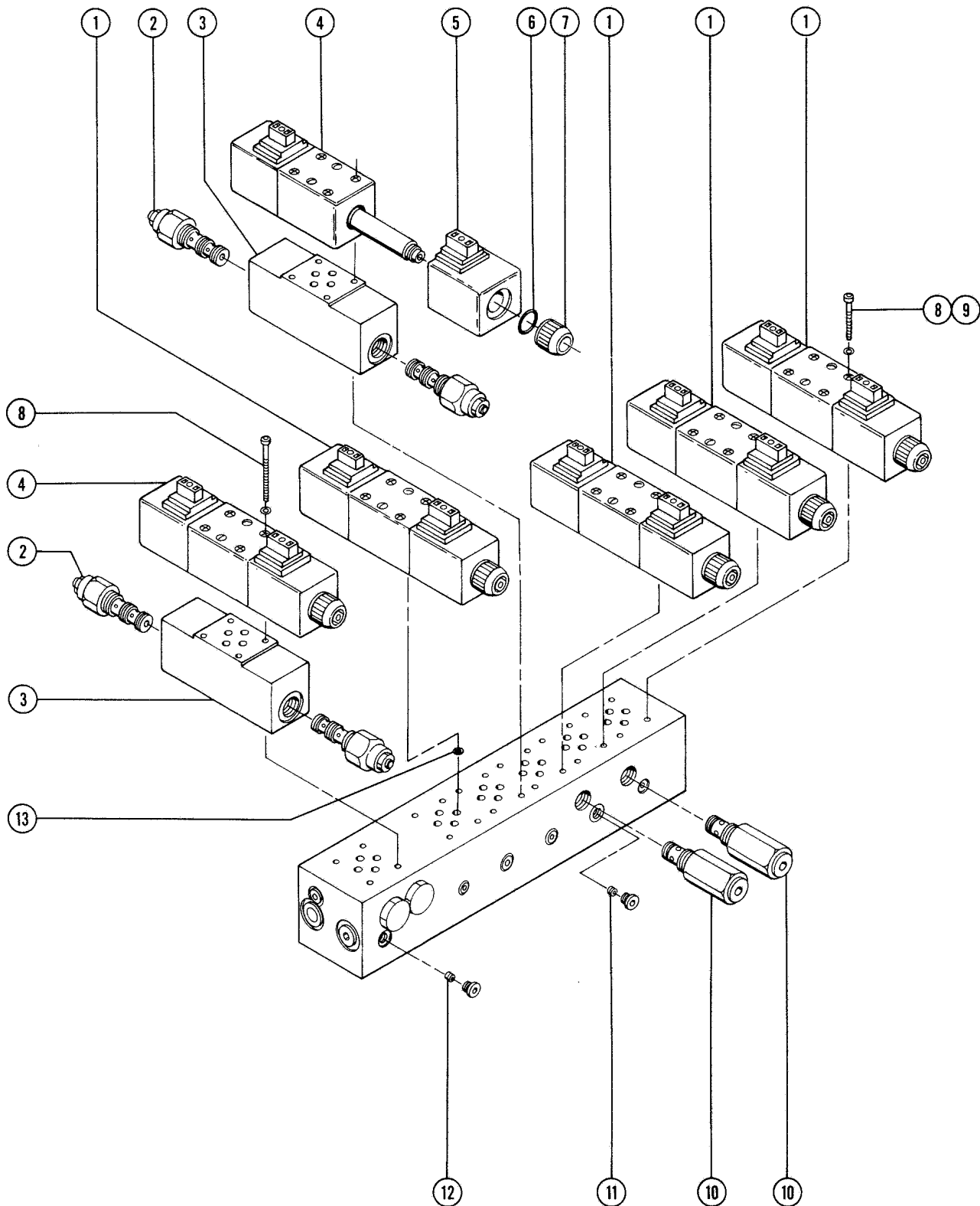
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
	29635GT	VALVE ASSY,12V PROPORTIONAL	
	25375GT	KIT, O-RING	
1	45921GT	RETAINER-N.C.PROPOR.SOLENOID	1
2	45921GT	RETAINER-N.C.PROPOR.SOLENOID	1
3	45914GT	O-RING, DO1 VALVE	1
4	21935GT	COIL, 12V, 19972/21623/29069	1
5	27801GT	VALVE,PROPORTIONAL SOLENOID*** includes index numbers 1 through 4	1
6	32034GT	VALVE,FLOW CONTROL	1
7	32036GT	VALVE,DIFFERENTIAL SENSING	1
8	27809GT	PLUG,ORIFICE,0.015	1
9	32035GT	VALVE,RELIEF 2200 PSI	1

406.1 Function Manifold (to SN 868)



Item	Part No.	Description	Qty.
	29634GT	MANIFOLD ASSY, FUNCTION, 12V Complete	
	25375GT	KIT, O-RING	
1	29028GT	VALVE,RELIEF	2
2	45543GT	VALVE,CHECK, 50 PSI	2
3	32040GT	WASHER,ORIFICE,0.030 INCH	1
4	31752GT	VALVE,DO1 includes 2 each index numbers 7 through 9	5
5		Ref. Screw - SHC, 10-24 x 4 inch	4
6	6607GT	WASHER,LOCK,#10 PLTD	24
7	27535GT	COIL,12V.DO1 VALVE	12
		use until exhausted	
8	45914GT	O-RING, DO1 VALVE	12
9	45913GT	NUT,DO1 VALVE	12
10	45916GT	SCREW,SHC,10-24 X 1.250 (D01)	16
11	31749GT	VALVE,RELIEF 1200 PSI	2
12	31750GT	PLUG,ORIFICE,0.060 INCH	1
13	29737GT	PLUG,ORIFICE,0.052 INCH	1
14	21625GT	VALVE,PUMP***	1
14	29029GT	SEAL KIT,19920 HAND PUMP	1
15	27047GT	VALVE,COUNTERBALANCE	2
16	27806GT	VALVE,COUNTERBALANCE SANDWICH	1
		includes index number 15	
17	27811GT	VALVE,DO1 includes 2 each index numbers 7 through 9	1
18	27812GT	SCREW,SHC,10-24 X 3	4

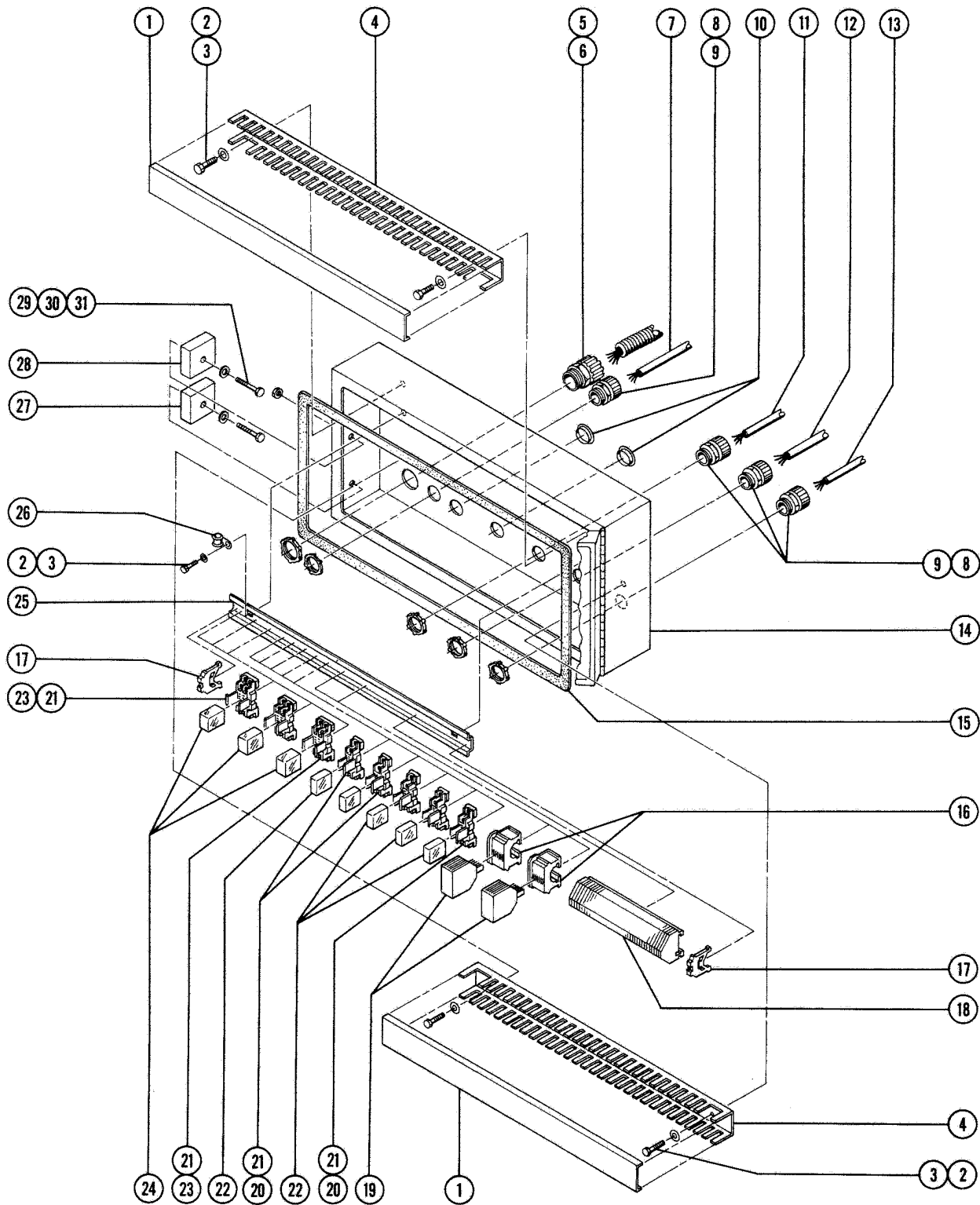
407.1 Function Manifold (from SN 869)



407.1 Function Manifold (from SN 869)

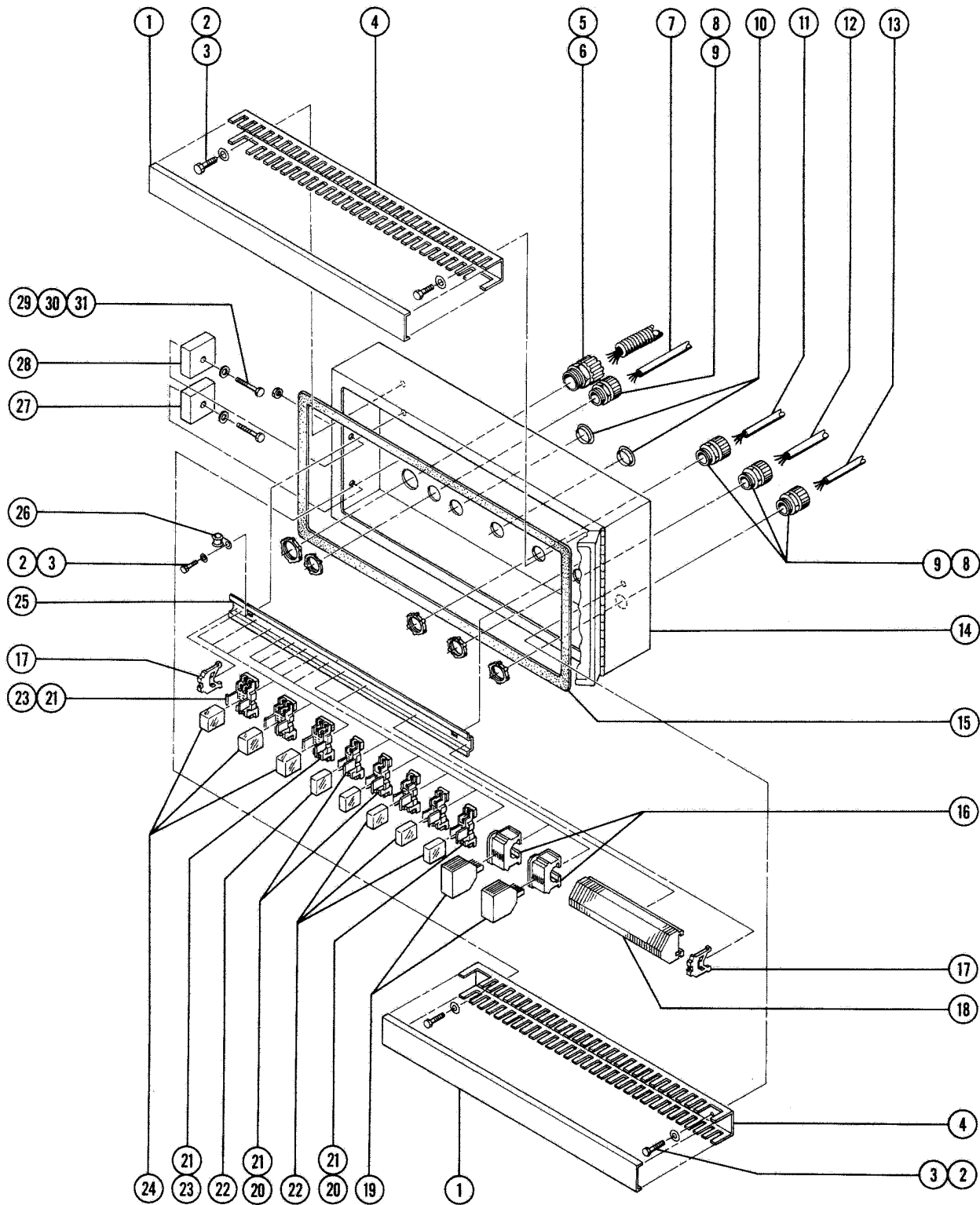
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
	31378GT	MANIFOLD ASSY,FUNCTION,12V	
		Complete	
	25375GT	KIT, O-RING	
1	31752GT	VALVE,DO1 includes 2 each index numbers 5 through 7	4
2	27047GT	VALVE,COUNTERBALANCE	4
		to SN 2132	
2-	40983GT	VALVE,COUNTERBALANCE,1500 PSI	
		from SN 2133	
3	27806GT	VALVE,COUNTERBALANCE SANDWICH	2
		includes 2 each index number 2	
4	27811GT	VALVE,DO1 includes 2 each index numbers 5 through 7	2
5	27535GT	COIL,12V.DO1 VALVE	12
		use until exhausted	
6	45914GT	O-RING, DO1 VALVE	12
7	45913GT	NUT,DO1 VALVE	12
8	6607GT	WASHER,LOCK,#10 PLTD	24
9	45916GT	SCREW,SHC,10-24 X 1.250 (D01)	16
10	31749GT	VALVE,RELIEF 1200 PSI	2
11	31750GT	PLUG,ORIFICE,0.060 INCH	1
12	29737GT	PLUG,ORIFICE,0.052 INCH	1
13	31751GT	PLUG,ORIFICE,0.020 INCH	1
14	27812GT	SCREW,SHC,10-24 X 3	8

408.1 Ground Controls - View 1



Item	Part No.	Description	Qty.
1	29607GT	WIRING DUCT/COVER, 1 X 72 IN**	48
2	7339GT	SCREW,HHC,1/4-20 X .5	6
3	6356GT	WASHER,LOCK,.25	6
4	29607GT	WIRING DUCT/COVER, 1 X 72 IN**	48
5	20776GT	CABLE SQUEEZE CONN.	1
6	18665GT	LOCKNUT,ELECTRIC,1" NPT	1
7		Ref. Engine Wire Harness	1
8	12960GT	CABLE SQUEEZE CONN.,XTRA LRG	4
9	14041GT	LOCKNUT,ELECTRIC,3/4"	4
10	45385GT	PLUG,NYLON 1.12 BLACK DOMED	3
11	35934GT	WIRE CABLE,18/19 CON.TPRJKT	798
12	35934GT	WIRE CABLE,18/19 CON.TPRJKT	798
13	35934GT	WIRE CABLE,18/19 CON.TPRJKT	798
14	32039GT	CONTROL BOX W/DECALS,GROUND	1
		includes 1 each index number 15	
15	28689GT	GASKET,GROUND CONTROL BOX	1
16	25808GT	CARRIER TERMINAL(5 PER BLOCK)	2
17	25974GT	PLASTIC END STOP	2
18	25836GT	TERMINAL BLOCK(SINGLE),WAGO***	50
19	25807GT	DIODE BLOCK SUPPRESSION	2
20	20813GT	SOCKET,RELAY	6
21	24343GT	RELAY HOLD DOWN	18
22	25563GT	RELAY,SPDT,12VDC	6
23	24119GT	RELAY SOCKET,DPDT,SCREW TERM	3
24	24118GT	RELAY,DPDT,12VDC	3
25	25839GT	DIN RAIL,19.75"	1
26	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	1
27	110154GT	RELAY,TIME DELAY,1 SECOND***	1
		Kubota Diesel models	
28	147421GT	KIT, RELAY, TIME DELAY 4 SEC	1
		includes installation instructions	

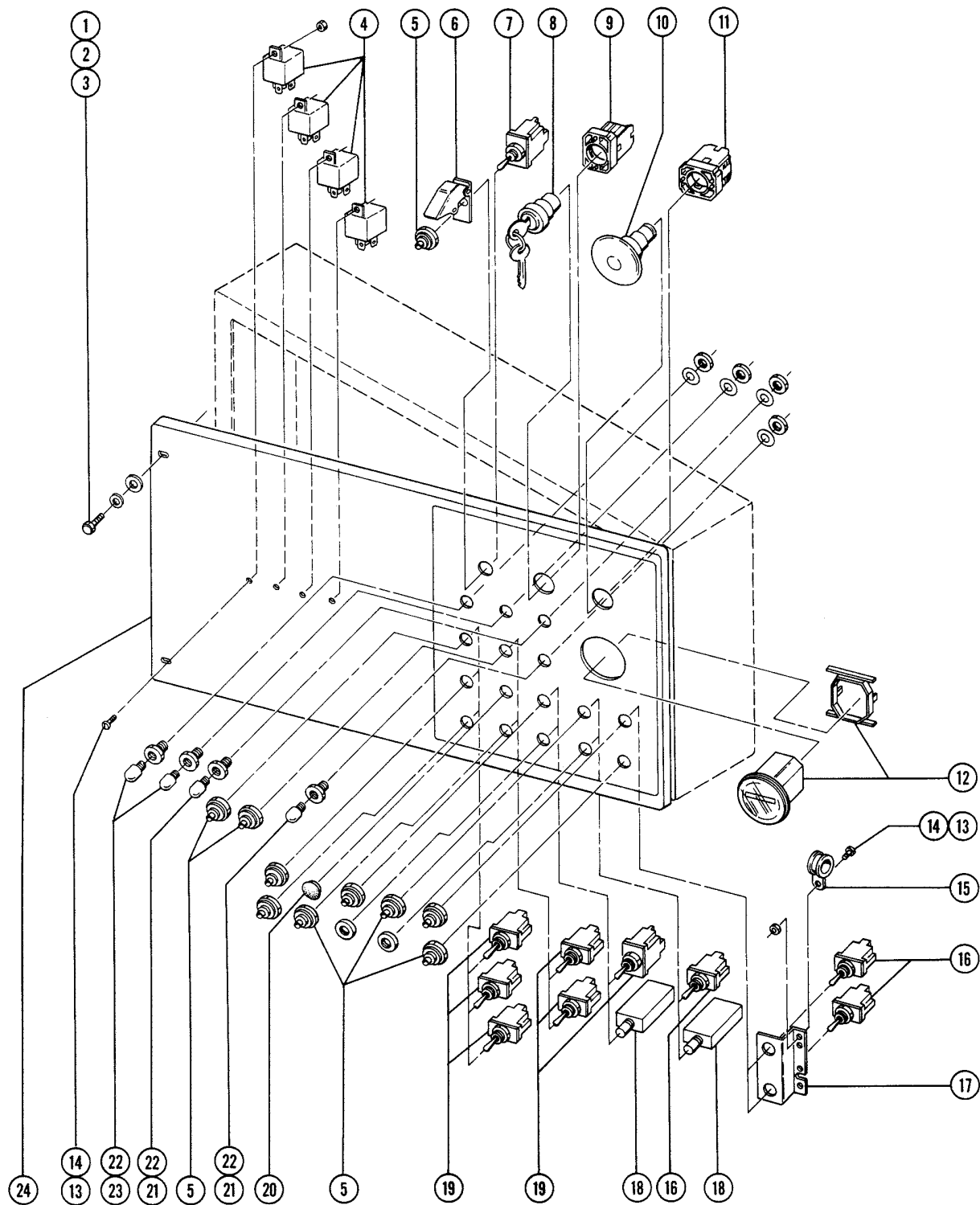
408.1 Ground Controls - View 1



<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
29	8915GT	SCREW,HHC,1/4-20 X 1.25	2
30	6638GT	WASHER, FLAT, USS, 1/4"Y	2
31	6889GT	NUT,LP NYLOCK,1/4-20	2

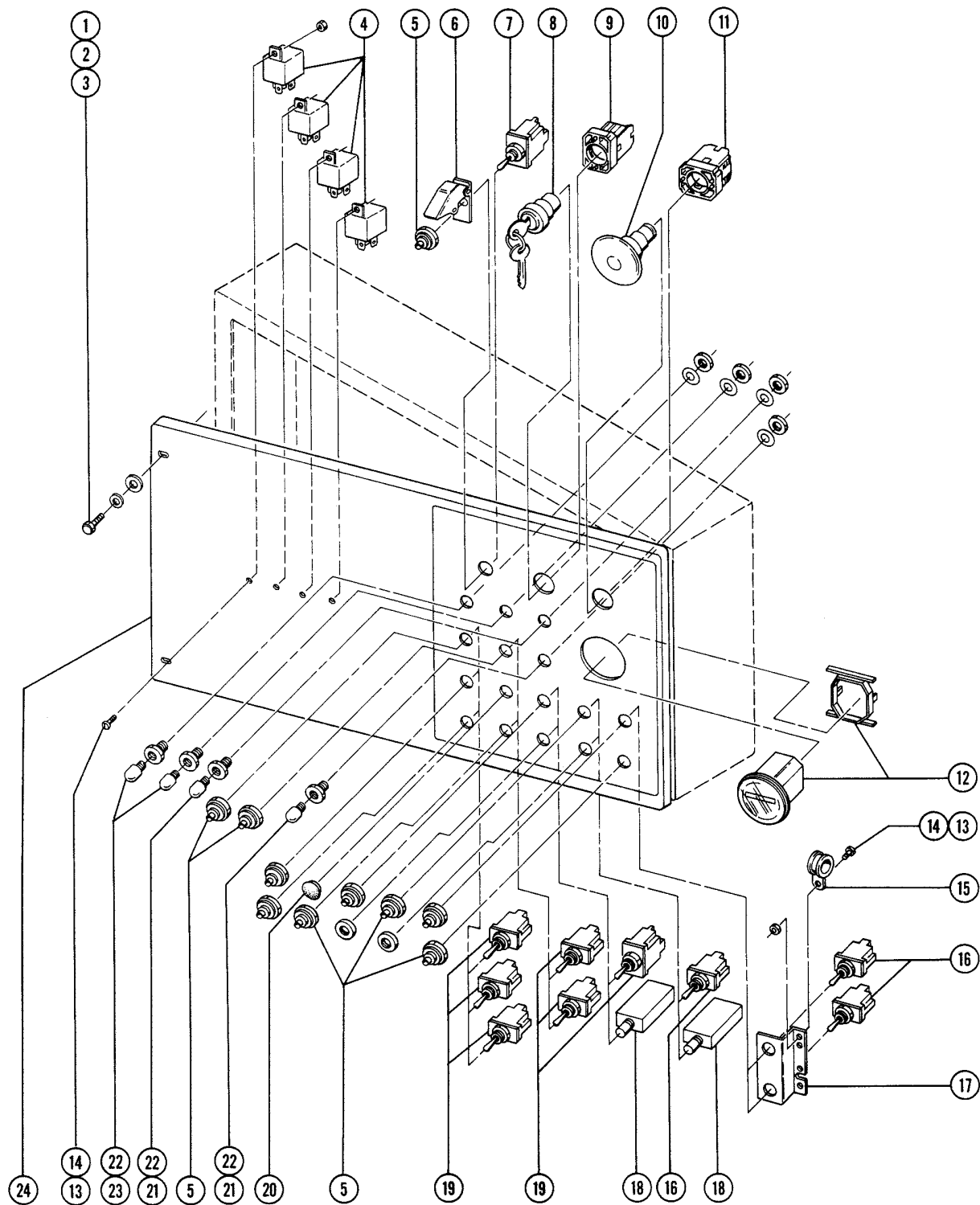


409.1 Ground Controls - View 2



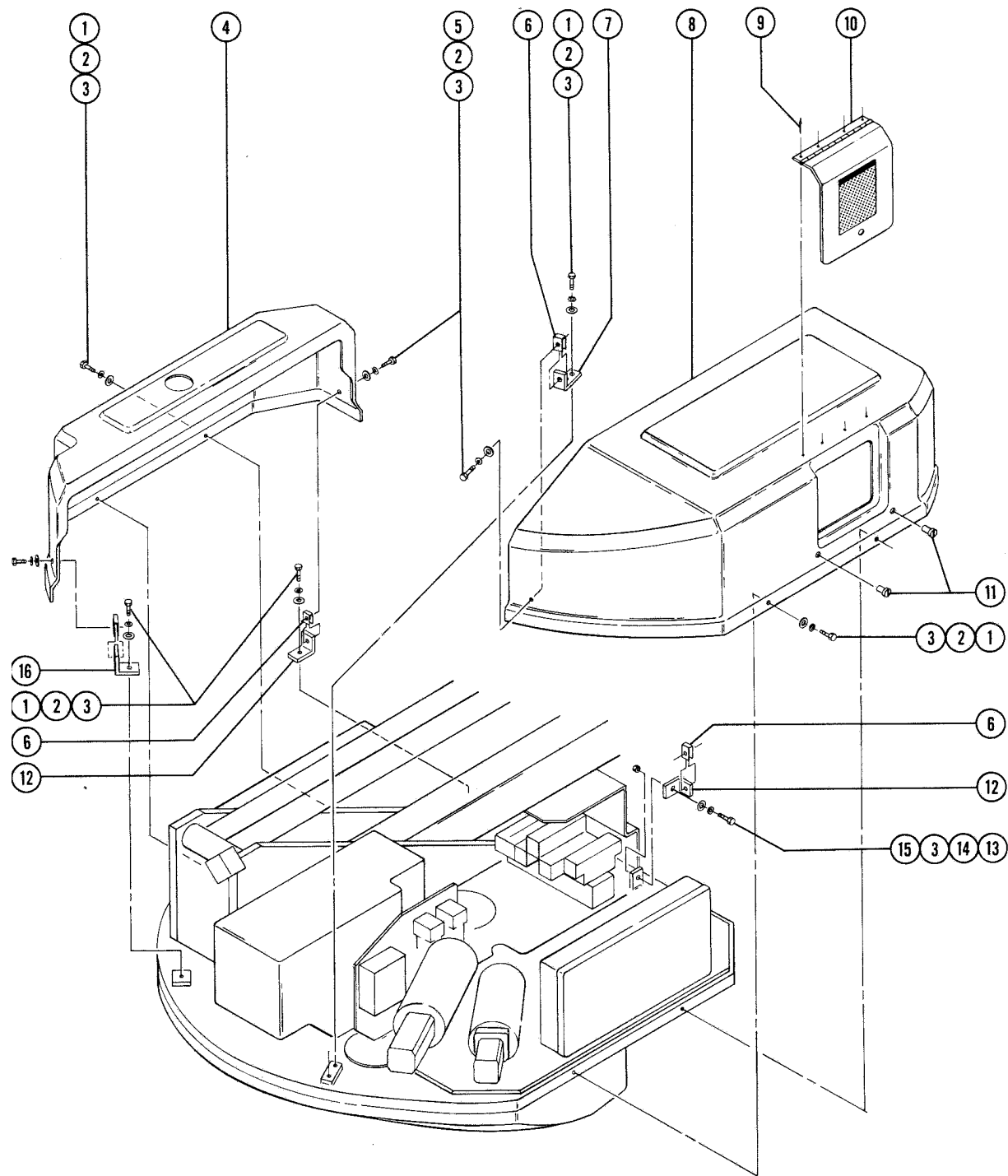
Item	Part No.	Description	Qty.
1	6090GT	SCREW, HHC, 1/4-20 X .75	2
2	6356GT	WASHER, LOCK, .25	2
3	6638GT	WASHER, FLAT, USS, 1/4"Y	2
4	19274GT	RELAY, SPDT, 12V(AUTO)**	4
5	27246GT	BOOT, TOGGLE SWITCH, SHORT*	10
6	13471GT	COVER, AUXILIARY POWER SWITCH	1
7	13480-SGT	SWITCH, TOGGLE, DPDT, 2POS MOMEN includes mounting fasteners	1
8	122512GT	KIT, KEYSWITCH SVC BB & SM BOOM includes 1 pair of keys (ANSI models)	1
8-	122606GT	KIT, KEYSWITCH SVC BB&SM CE (CE models)	
8-	66811GT	KEYSWITCH, 3POS. MNTND. DR WKEY** includes keyswitch and two keys, not included: base and contacts.	1
8-	21982GT	KEY, SINGLE***	1
9	66821GT	BASE, WITHOUT CONTACTS	1
9	66816GT	CONTACT, N.O.***	1
10	122514GT	KIT, ESTOP SVC BB&SM BOOM	1
11	66821GT	BASE, WITHOUT CONTACTS	1
11-	66818GT	CONTACT, NC	1
12	19506GT	HOOR METER, 10-80 VOLTS*** includes mounting bracket	1
13	5094GT	SCREW, RHM, 10-32 X .5	5
14	6178GT	NUT, NYLOCK, 10-32	5
15	6833GT	CLAMP, 0.50, #8 X 1/4, RUB CUSH	1
16	13037-SGT	SWITCH, TOGGLE, SPDT, 3POS MOMEN* includes mounting fasteners	3
17	54525GT	BRACKET-PANEL-WIRE MOUNTING 99	1
18	147094GT	ASSY, CIRCUIT BREAKER 15A includes mounting fasteners	2
19	16397-SGT	SWITCH, TOGGLE, DPDT, 3POS MOMEN includes mounting fasteners	6
20	45384GT	PLUG, NYLON .50 BLACK DOMED	1
21	22776GT	SOCKET, IND. LITE, W/RED LENS	2
22	22777GT	LIGHTBULB, T 1.75, 14V(10PACK)	4
23	31922GT	SOCKET, IND. LITE, W/GREEN LENS	2

409.1 Ground Controls - View 2



<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
24	32039GT	CONTROL BOX W/DECALS,GROUND includes gasket and decal	1

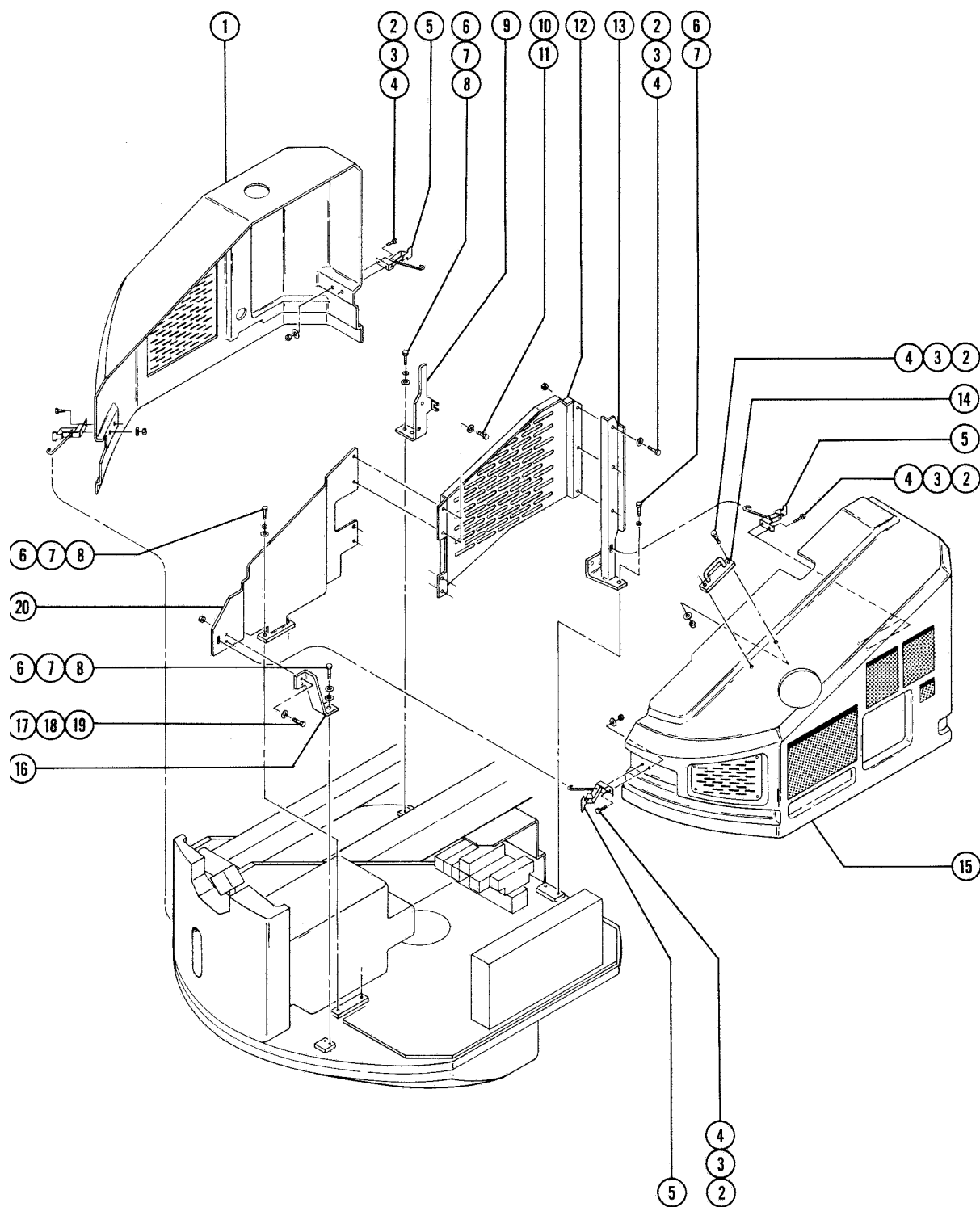
410.1 Turntable Covers - DC Models



410.1 Turntable Covers - DC Models

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	8255GT	SCREW,HHC,3/8-16 X .75	7
2	6021GT	WASHER,LOCK,.375	12
3	6097GT	WASHER,FLAT,USS,3/8",Y	13
4		COVER ASSY,TANK SIDE,Z45MPDC	1
		(no longer available)	
5	6175GT	SCREW,HHC,3/8-16 X 1	4
6	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	4
7	29899PGT	BRACKET,COVER MOUNT,PAINTED	1
8	32041GT	COVER ASSY	1
		includes index numbers 9 through 11	
9	8920GT	RIVET,ALUM,ALUM,P,.156 X .375	4
10	32045GT	COVER ASSY,HINGED W/DECALS	1
11	31046GT	MAGNETIC CATCH,ROUND,.875	2
12	29898PGT	BRACKET,COVER MOUNT,PAINTED	2
13	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	1
14	4828GT	NUT,NYLOCK,3/8-16	1
15	4828GT	NUT,NYLOCK,3/8-16	1
16	29901PGT	BRACKET,COVER MOUNT,PAINTED	1

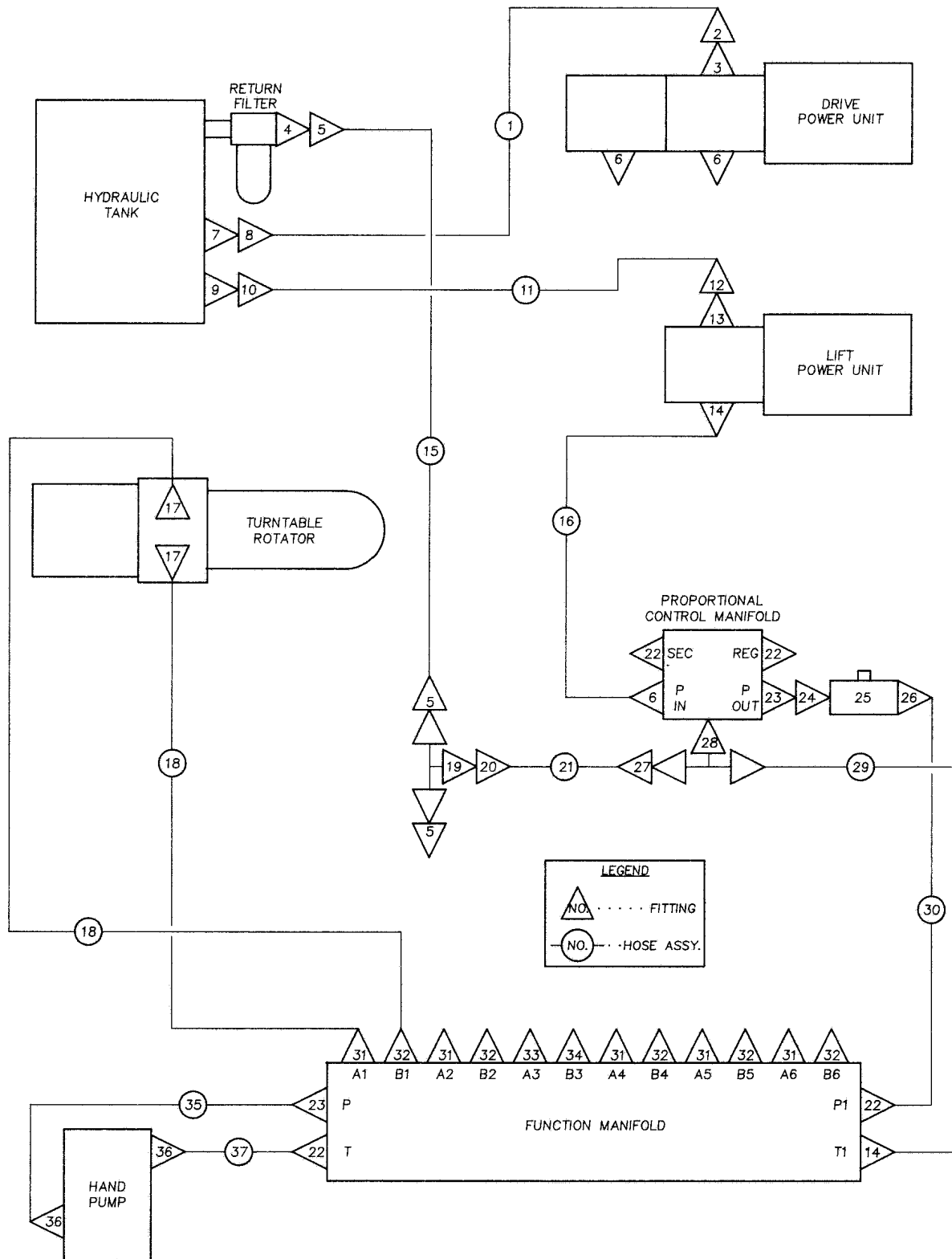
411.1 Turntable Covers - Engine Models



411.1 Turntable Covers - Engine Models

Item	Part No.	Description	Qty.
1	32050GT	COVER ASSY W/DECALS,GAS/LPTANK Gas/LPG Models; includes index numbers 2 through 5	1
1	32051GT	COVER ASSY W/DECALS,TRI-TANK Tri-Fuel Models; includes index numbers 2 through 5	1
1	32052GT	COVER ASSY W/DECALS,BI-TANK Bi-Fuel Models; includes index numbers 2 through 5	1
1	32053GT	COVER ASSY W/DECALS,DIESEL TANK Diesel Models; includes index numbers 2 through 5	1
2	6090GT	SCREW, HHC, 1/4-20 X .75	13
3	6638GT	WASHER, FLAT, USS, 1/4"Y	13
4	6091GT	NUT, NYLOCK, 1/4-20	13
5	27126GT	LATCH,DRAW,ADJUSTABLE	4
6	8255GT	SCREW,HHC,3/8-16 X .75	8
7	6021GT	WASHER,LOCK,.375	8
8	6097GT	WASHER,FLAT,USS,3/8",Y	6
9	31365PGT	BRACKET,COVER LATCH,PAINTED	1
10	6888GT	SCREW,HHC,1/4-20 X 1	3
11	6356GT	WASHER,LOCK,.25	3
12	31363GT	WELDMENT,AIR EXHAUST GRILL	1
13	31374GT	WELDMENT,COVER SPPT.BRACKET	1
14	18651PGT	HANDLE WELDMENT,PAINTED	1
15	32046GT	COVER ASSY W/DECALS,ENG.GASLPG Gas/LPG Models; includes index numbers 2 through 5 and 14	1
15	32047GT	COVER ASSY W/DECALS,TRI-ENGINE Tri-Fuel Models; includes index numbers 2 through 5 and 14	1
15	32048GT	COVER ASSY W/DECALS,BI-ENGINE Bi-Fuel Models; includes index numbers 2 through 5 and 14	1
15	32049GT	COVER ASSY W/DECALS,DIE.ENGINE Diesel Models; includes index numbers 2 through 5 and 14	1
16	31360GT	GUSSET,BULKHEAD SUPPORT	1
17	13002GT	SCREW,HHC,5/16-18 X 1 GR5	2
18	5397GT	WASHER,FLAT,USS,5/16",Y	4
19	6002GT	NUT, LP NYLOCK, 5/16-18	2
20	31362GT	WELDMENT,BULKHEAD PLATE	1

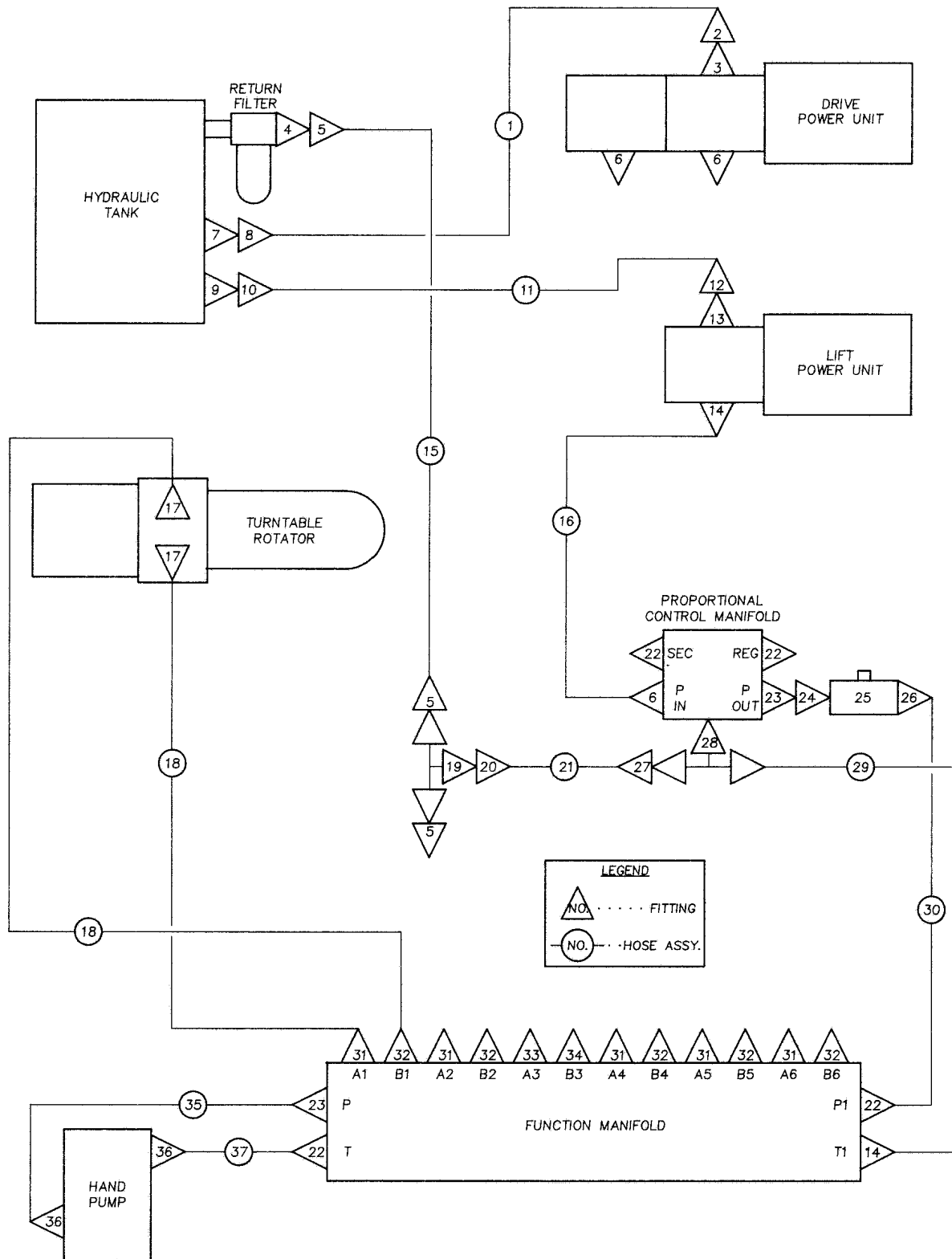
412.1 Hydraulic Hoses and Fittings DC Models



412.1 Hydraulic Hoses and Fittings DC Models

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	29930GT	HOSE ASSEMBLY,43"	1
2	21250GT	HOSE END,BARBED,SWIVEL,-16-16	1
3	31796GT	ELBOW,070320-16-12	1
4	27202GT	ELBOW,070202-12-16	1
5	45170GT	HOSE END,BARBED,SWIVEL,-12-12	3
6	45703GT	CONNECTOR,070120-8-8	3
7	45161GT	STRAINER ASSEMBLY,1.5" NPT	1
8	45166GT	HOSE END,BARBED RIGID-16-16	1
9	45162GT	STRAINER ASSEMBLY,1.25" NPT***	1
10	45167GT	HOSE END,BARBED RIGID-12-12	1
11	29931GT	HOSE ASSEMBLY,56.5"	1
12	45359GT	HOSE END,BARBED,SWIVEL,-12-12	1
13	31114GT	ELBOW,070320-12-10	1
14	45357GT	ELBOW,070220-8-8***	1
15	29933GT	HOSE ASSEMBLY,66"	1
16	29932GT	HOSE ASSEMBLY,46"	1
17	27421GT	ELBOW,070320-6-10	2
18	19136GT	HOSE ASSY-LFT.CYL.RTN. TO TANK	2
19	28460GT	TEE,BRANCH,070427-12-12	1
20	29909GT	HOSE END,BARBED,RIGID,-8-12	1
21	29927GT	HOSE,18"	1
22	28448GT	ELBOW,070220-6-8	4
23	18687GT	CONNECTOR,070120-6-8	3
24	30392GT	ADAPTER,6402-6-6	1
25		VALVE,CHECK,#6 O-RING PORTS	1
		no longer available	
26	45412GT	CONNECTOR,070120-6-6	7
27	20324GT	HOSE END,BARBED,SWIVEL,-8-8	1
28	22540GT	TEE,BRANCH,070429-8-8	1

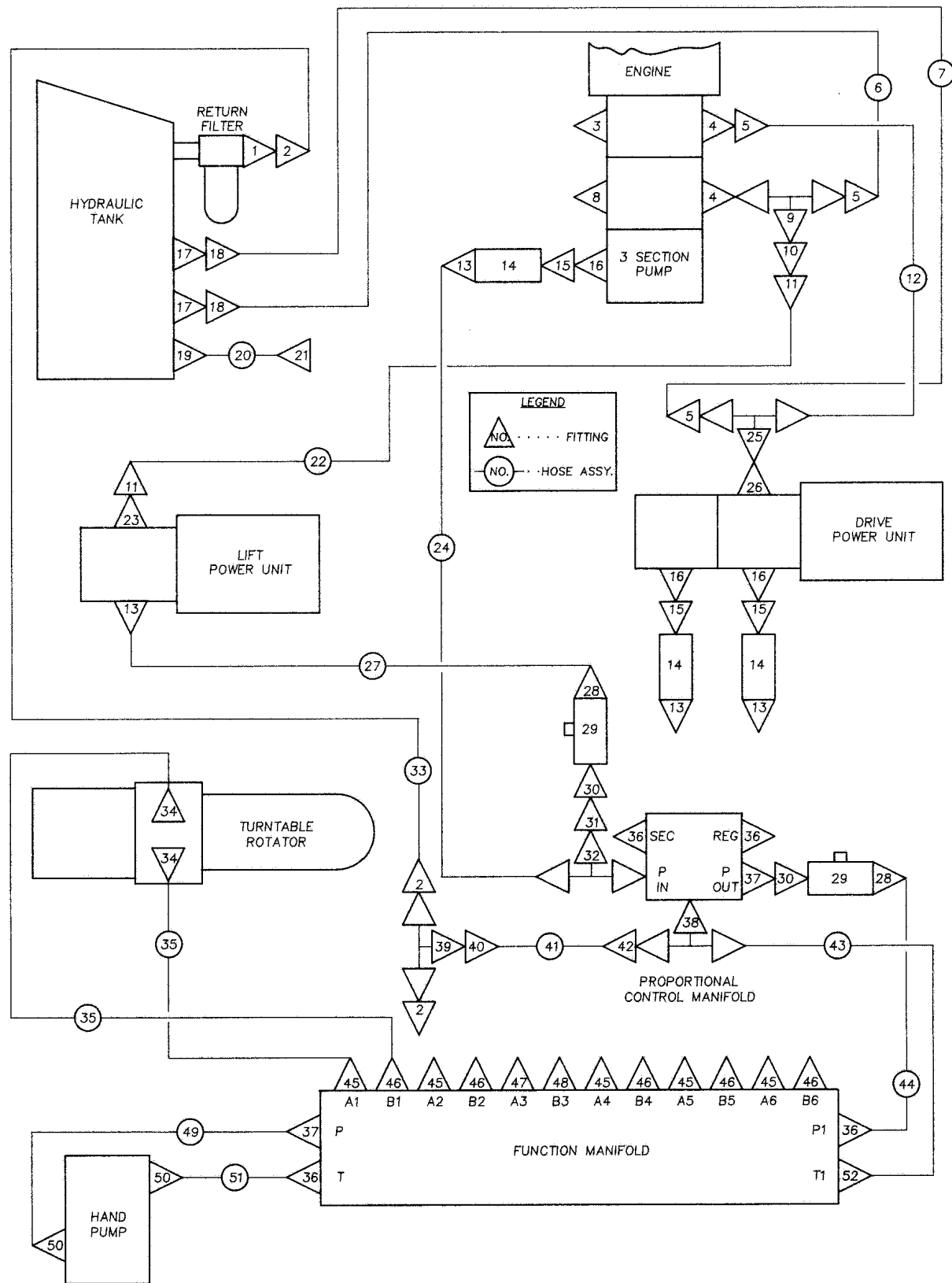
412.1 Hydraulic Hoses and Fittings DC Models



412.1 Hydraulic Hoses and Fittings DC Models

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
29	29926GT	HOSE ASSY.21"FUNCT.TO PROPORT.	1
30	29925GT	HOSE ASSY.11"PROPOR.TO FUNCTIO	1
31	13799GT	CONNECTOR,070120-6-4	5
32	31313GT	CONNECTOR,070122-6-4	5
33	13755GT	CONNECTOR,070120-4-4	1
34	31314GT	CONNECTOR,070122-4-4	1
35	31382GT	TUBE,HAND PUMP,PRESSURE	1
36	31383GT	ELBOW,070202-6-4	2
37	31381GT	TUBE,HAND PUMP,SUCTION	1

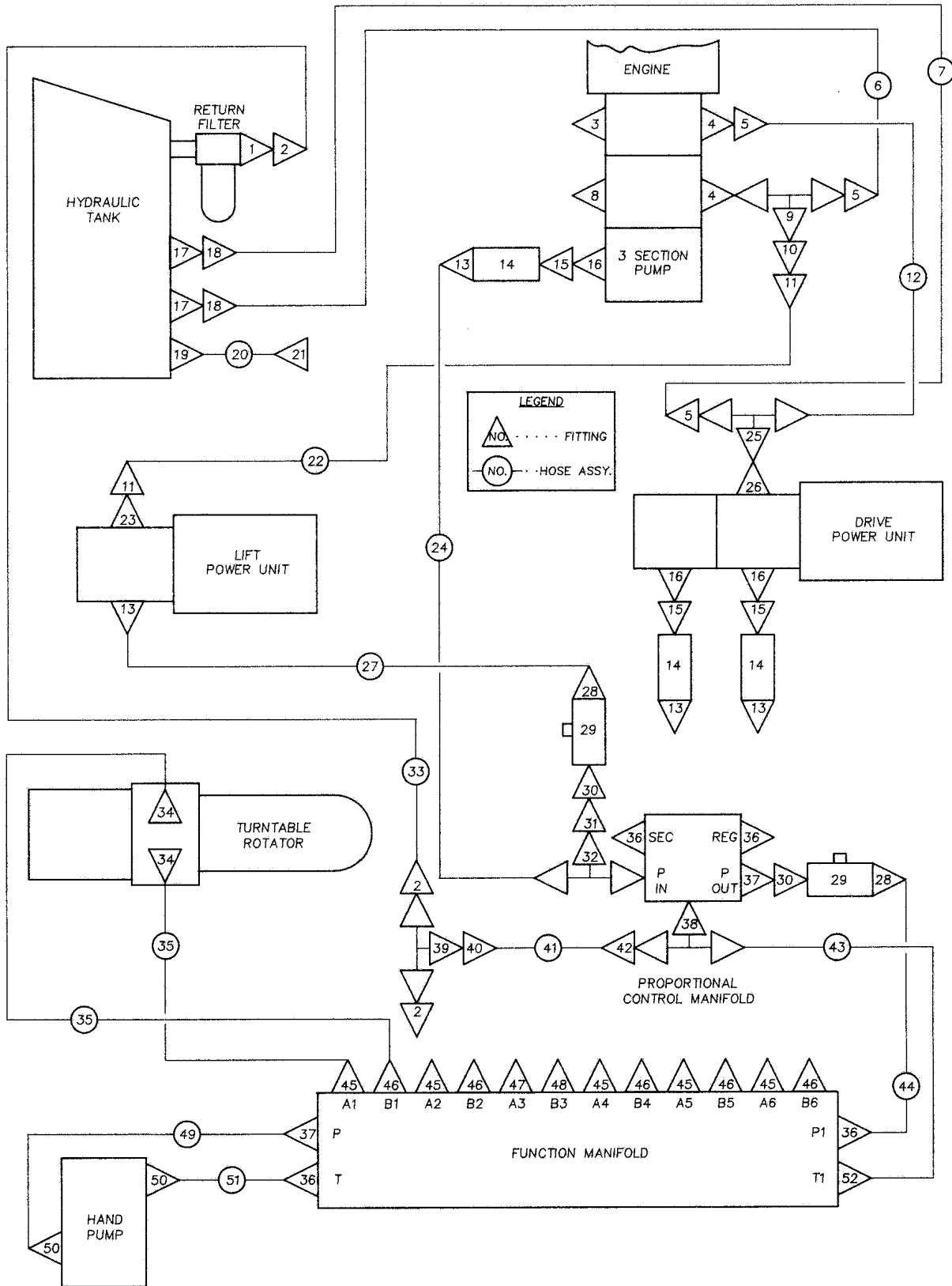
413.1 Hydraulic Hoses and Fittings - Bi-fuel and Tri-fuel Models



413.1 Hydraulic Hoses and Fittings - Bi-fuel and Tri-fuel Models

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	27202GT	ELBOW,070202-12-16	1
2	45170GT	HOSE END,BARBED,SWIVEL,-12-12	3
3	21247GT	CONNECTOR,070120-10-10	1
4	31796GT	ELBOW,070320-16-12	2
5	21250GT	HOSE END,BARBED,SWIVEL,-16-16	3
6	1642GT	HOSE,1.0 SAE 100R4 - RUBBER	64
7	1642GT	HOSE,1.0 SAE 100R4 - RUBBER	47
8	21248GT	ELBOW,070320-10	1
9	20714GT	TEE,RUN,070432-16-16	1
10	20712GT	REDUCER,070123-16-12	1
11	45359GT	HOSE END,BARBED,SWIVEL,-12-12	2
12	31807GT	HOSE ASSY.	1
13	45703GT	CONNECTOR,070120-8-8	4
14	31798GT	VALVE,CHECK,#8 O-RING PORTS	3
15	31797GT	ADAPTER,6402-8-8	3
16	45349GT	ELBOW,070320-8-8	3
17	45161GT	STRAINER ASSEMBLY,1.5" NPT	2
18	45166GT	HOSE END,BARBED RIGID-16-16	2
19	10355GT	CONNECTOR,070102-6-6	1
20	31393GT	Hose Assembly - Components: @ 9 inches (23 cm)	1
21	19141GT	PLUG,MALE,070109-6	1
22	31810GT	HOSE ASSY.	1
23	31114GT	ELBOW,070320-12-10	1
24	31808GT	HOSE ASSY--20"	1
25	31795GT	TEE,BRANCH,070433-16	1
26	20710GT	CONNECTOR,070120-16-12	1
27	31805GT	HOSE ASSY.	1
28	45412GT	CONNECTOR,070120-6-6	2

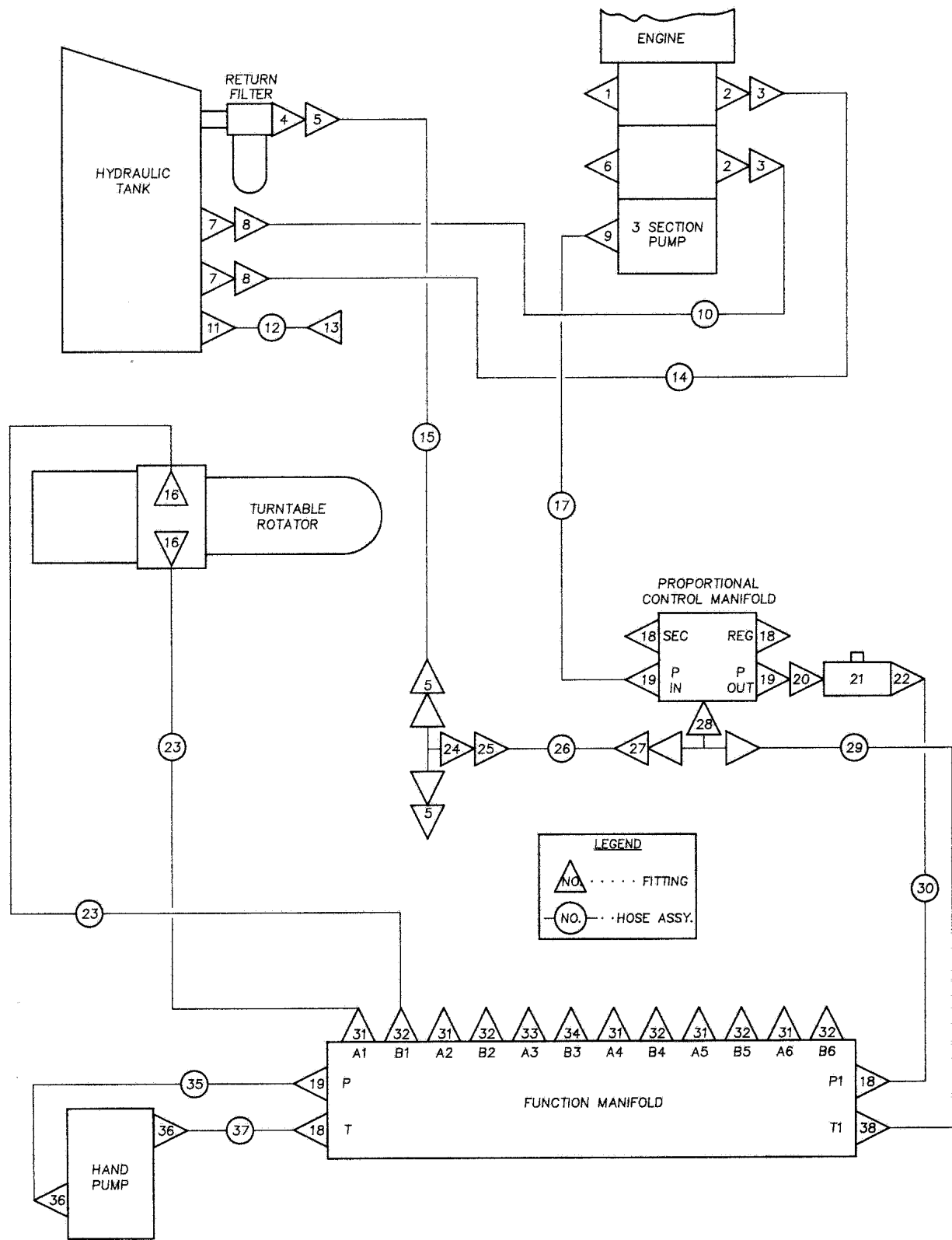
413.1 Hydraulic Hoses and Fittings - Bi-fuel and Tri-fuel Models



413.1 Hydraulic Hoses and Fittings - Bi-fuel and Tri-fuel Models

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
29		VALVE,CHECK,#6 O-RING PORTS no longer available	2
30	30392GT	ADAPTER,6402-6-6	2
31	45361GT	REDUCER,070123-8-6	1
32	20334GT	TEE,RUN,070428-8	1
33	31813GT	HOSE-60" RETURN TO HYD RESERV	1
34	27421GT	ELBOW,070320-6-10	2
35	19136GT	HOSE ASSY-LFT.CYL.RTN. TO TANK	2
36	28448GT	ELBOW,070220-6-8	4
37	18687GT	CONNECTOR,070120-6-8	1
38	22540GT	TEE,BRANCH,070429-8-8	1
39	28460GT	TEE,BRANCH,070427-12-12	1
40	29909GT	HOSE END,BARBED,RIGID,-8-12	1
41	29927GT	HOSE,18"	1
42	20324GT	HOSE END,BARBED,SWIVEL,-8-8	1
43	29926GT	HOSE ASSY.21"FUNCT.TO PROPORT.	1
44	29925GT	HOSE ASSY.11"PROPOR.TO FUNCTIO	1
45	13799GT	CONNECTOR,070120-6-4	5
46	31313GT	CONNECTOR,070122-6-4	5
47	13755GT	CONNECTOR,070120-4-4	1
48	31314GT	CONNECTOR,070122-4-4	1
49	31382GT	TUBE,HAND PUMP,PRESSURE	1
50	31383GT	ELBOW,070202-6-4	2
51	31381GT	TUBE,HAND PUMP,SUCTION	1
52	45357GT	ELBOW,070220-8-8***	1

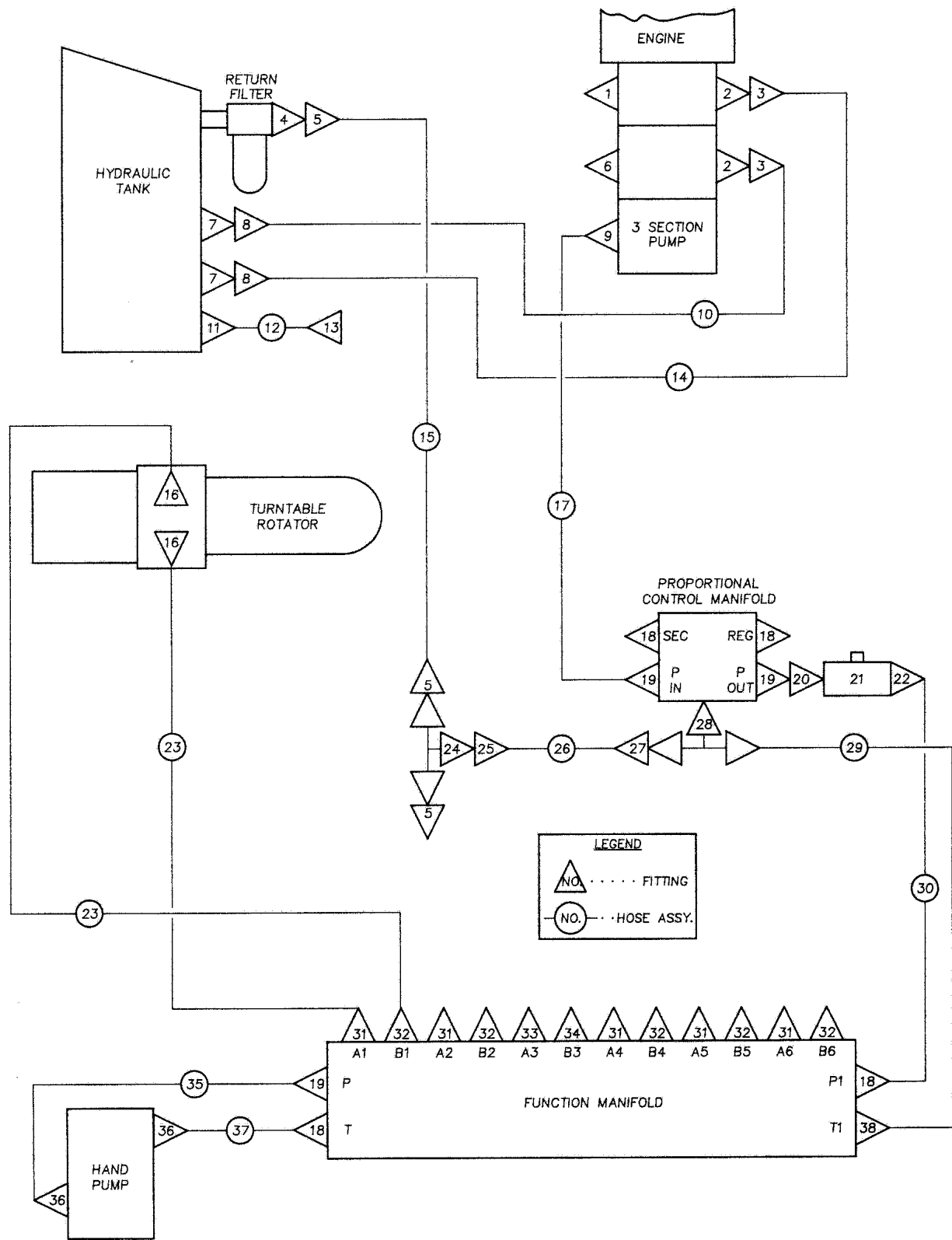
414.1 Hydraulic Hoses and Fittings - Gas/LPG and Diesel Models



414.1 Hydraulic Hoses and Fittings - Gas/LPG and Diesel Models

Item	Part No.	Description	Qty.
1	21247GT	CONNECTOR,070120-10-10	1
2	31796GT	ELBOW,070320-16-12	2
3	21250GT	HOSE END,BARBED,SWIVEL,-16-16	2
4	27202GT	ELBOW,070202-12-16	1
5	45170GT	HOSE END,BARBED,SWIVEL,-12-12	3
6	21248GT	ELBOW,070320-10	1
7	45161GT	STRAINER ASSEMBLY,1.5" NPT	2
8	45166GT	HOSE END,BARBED RIGID-16-16	2
9	24058GT	ELBOW,070320-8-10	1
10	1642GT	HOSE,1.0 SAE 100R4 - RUBBER	67
11	10355GT	CONNECTOR,070102-6-6	1
12	31393GT	Hose Assembly - Components: @ 9 inches (23 cm)	1
13	19141GT	PLUG,MALE,070109-6	1
14	1642GT	HOSE,1.0 SAE 100R4 - RUBBER	62
15	31813GT	HOSE-60" RETURN TO HYD RESERV	1
16	27421GT	ELBOW,070320-6-10	2
17	31808GT	HOSE ASSY--20"	1
18	28448GT	ELBOW,070220-6-8	4
19	18687GT	CONNECTOR,070120-6-8	2
20	30392GT	ADAPTER,6402-6-6	1
21		VALVE,CHECK,#6 O-RING PORTS	1
		no longer available	
22	45412GT	CONNECTOR,070120-6-6	1
23	19136GT	HOSE ASSY-LFT.CYL.RTN. TO TANK	2
24	28460GT	TEE,BRANCH,070427-12-12	1
25	29909GT	HOSE END,BARBED,RIGID,-8-12	1
26	29927GT	HOSE,18"	1
27	20324GT	HOSE END,BARBED,SWIVEL,-8-8	1
28	22540GT	TEE,BRANCH,070429-8-8	1

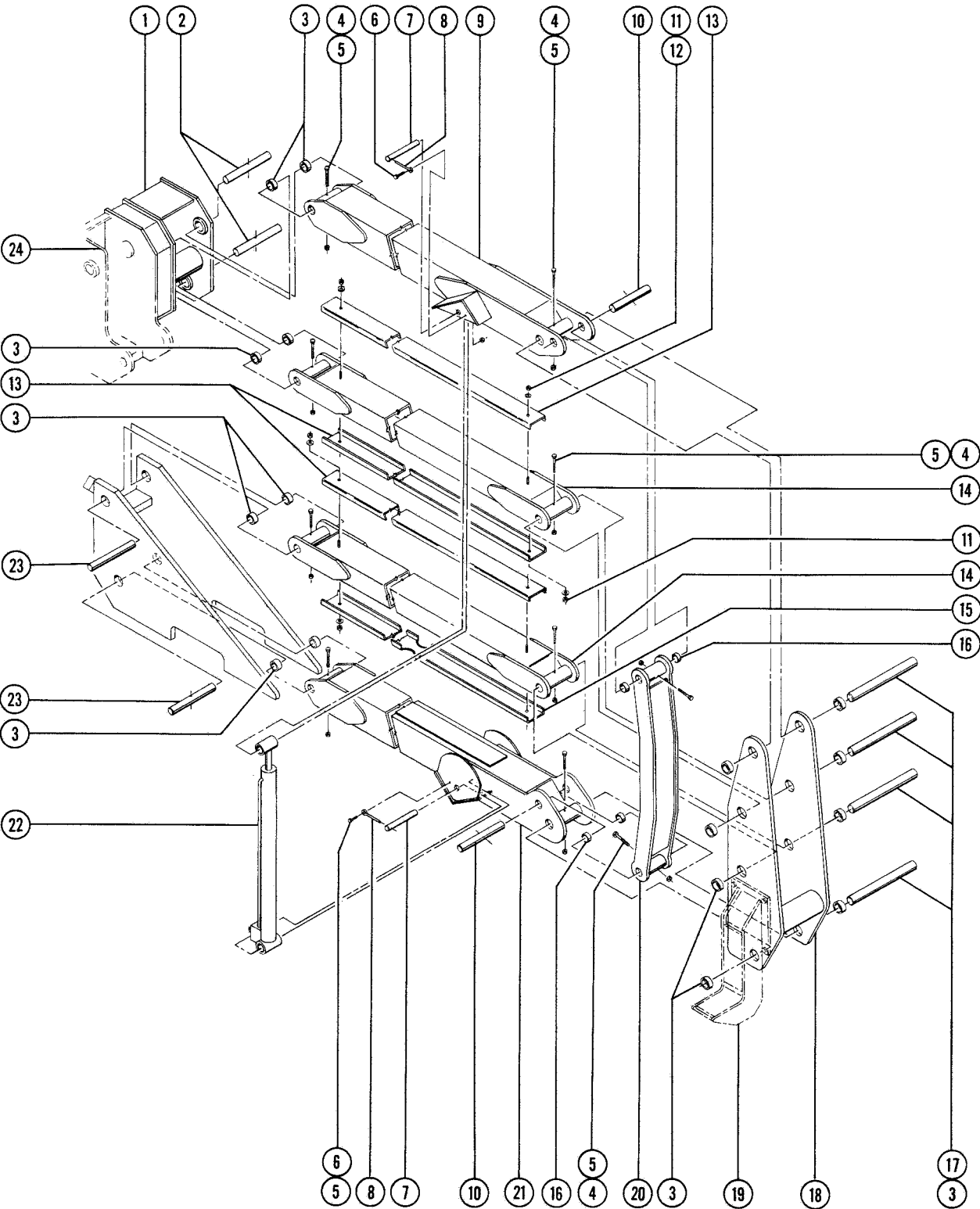
414.1 Hydraulic Hoses and Fittings - Gas/LPG and Diesel Models



414.1 Hydraulic Hoses and Fittings - Gas/LPG and Diesel Models

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
29	29926GT	HOSE ASSY.21"FUNCT.TO PROPORT.	1
30	29925GT	HOSE ASSY.11"PROPOR.TO FUNCTIO	1
31	13799GT	CONNECTOR,070120-6-4	5
32	31313GT	CONNECTOR,070122-6-4	5
33	13755GT	CONNECTOR,070120-4-4	1
34	31314GT	CONNECTOR,070122-4-4	1
35	31382GT	TUBE,HAND PUMP,PRESSURE	1
36	31383GT	ELBOW,070202-6-4	2
37	31381GT	TUBE,HAND PUMP,SUCTION	1
38	45357GT	ELBOW,070220-8-8***	1

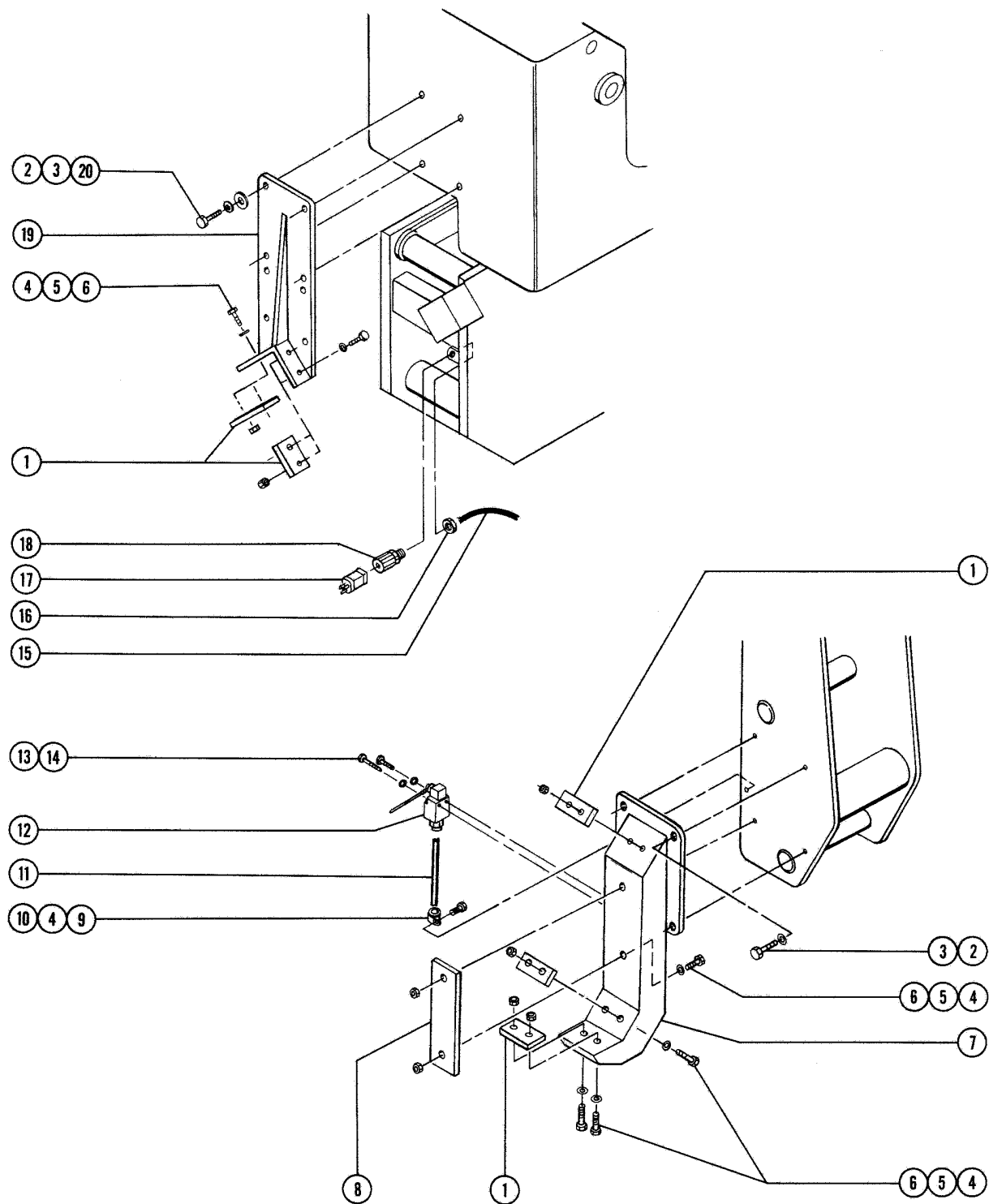
501.1 Secondary Boom



501.1 Secondary Boom

Item	Part No.	Description	Qty.
1	27552GT	UPPER MIDPIVOT ASSEMBLY,Z45 includes 6 each index number 3	1
2	25061GT	PIN,UPPER MID PIVOT,11 X 1.5"	2
3	45071GT	BEARING,1.5IDX1.75ODX1.5L	16
4	6326GT	SCREW,HHC,3/8-16 X 3	10
5	4828GT	NUT,NYLOCK,3/8-16	14
6	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	4
7	25063GT	PIN,ELEVATE CYLINDER	4
8	825019GT	ROD END, .375X3.69, ZAG	4
9	27553GT	UPPER SECONDARY BOOM ASSY,Z45 includes 2 each index number 16	1
10	25677GT	PIN,COMPRESSION LINK	2
11	6091GT	NUT, NYLOCK, 1/4-20	8
12	6638GT	WASHER, FLAT, USS, 1/4"Y	8
13	45392PGT	HOSE COVER-ELEVATE BOOM, BLUE	3
14	45438PGT	TENSION LINK WELD,BOTTM-PAINTD	2
15	25850PGT	HOSE COVER W/OPENING ELEVATE	1
16	45268GT	BEARING,1.5ID X 1.75OD X .63L	4
17	25060GT	PIN,MID PIVOT,11 X 1.5 INCH	4
18		MIDPIVOT RISER ASSY,Z45 includes 8 each index number 3. no longer available (contact customer service)	1
19		Ref. Primary Boom Rest refer to section 502.1	1
20	45117GT	COMPRESSION LINK WELDMENT	1
21	27555GT	LOWER SECONDARY BOOM ASSY,Z45 includes 2 each index number 16	1
22	31105GT	CYL,ELEVATE,2.5 X 29 (SUN)***	2
22	18471GT	SEAL KIT (CYL.PN# 45033,45034)	2
22	31106GT	VALVE,CNTERBAL,CBBB-LHN@3000**	2
22	45070GT	BEARING,GARLOCK,16DU12	2
23	25061GT	PIN,UPPER MID PIVOT,11 X 1.5"	2
24		Ref. Upper Mid-pivot Rest refer to section 502.1	2

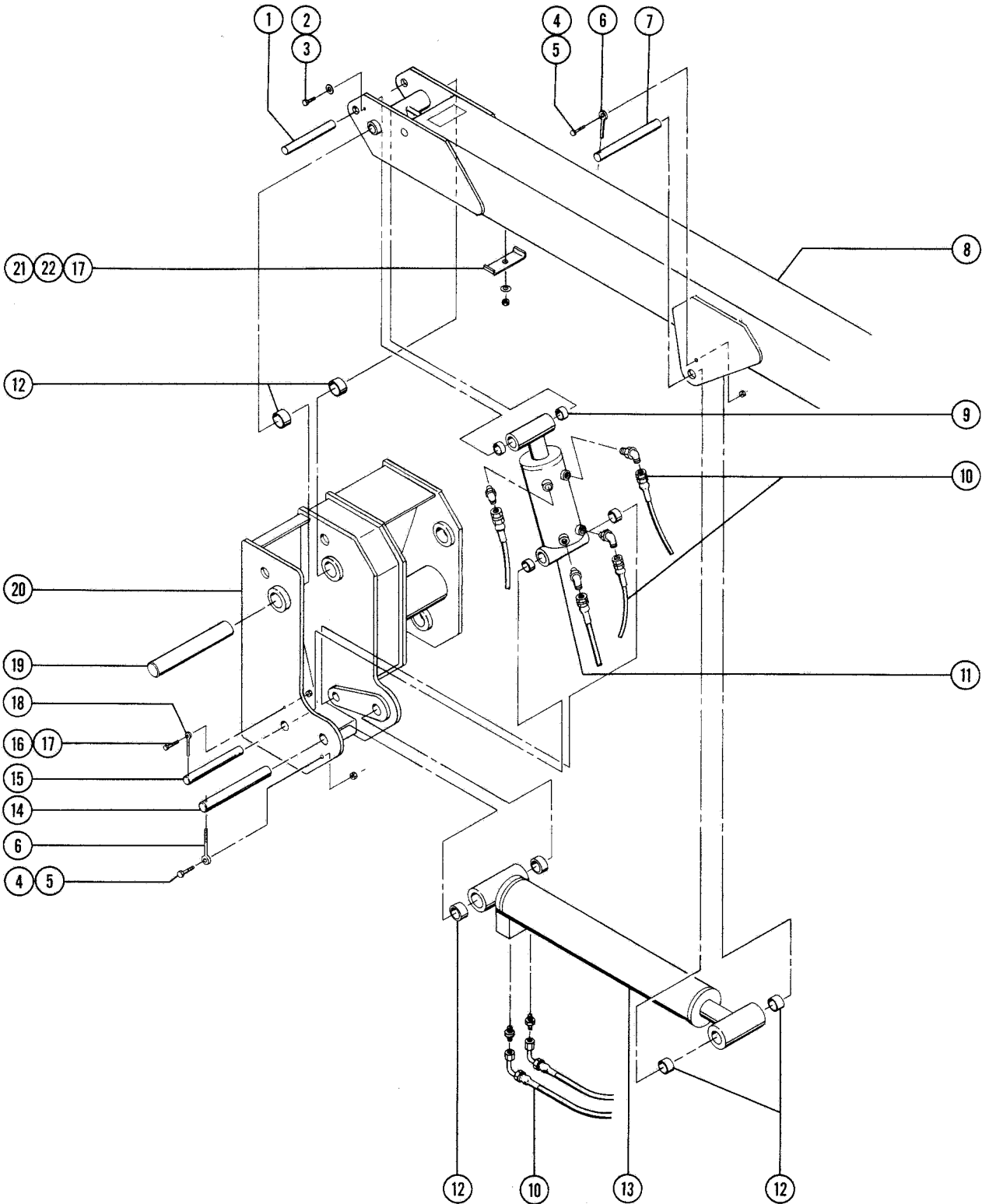
502.1 Upper Mid-pivot And Primary Boom Rests



502.1 Upper Mid-pivot And Primary Boom Rests

Item	Part No.	Description	Qty.
1	45209GT	WEAR PAD,4X2X.5 W/INSERT***	5
2	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	8
3	6033GT	WASHER,LOCK,0.5"	8
4	6090GT	SCREW, HHC, 1/4-20 X .75	13
5	6356GT	WASHER,LOCK,.25	12
6	6357GT	NUT,HEX,1/4-20	12
7	28469GT	WELDMENT,PRIMARY BOOM REST	1
8	25635GT	PAD,NYLON-12 X 2 X 0.625 INCH	1
9	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	1
10	6091GT	NUT, NYLOCK, 1/4-20	1
11	6562GT	WIRE CABLE,16/4 SJO,BULK	180
12	88356-127J5GT	SWITCH,LIMIT,W/6.25"SPRING ARM	1
12-	19491GT	CONTACTOR,LIMIT SWITCH	
12-	106433GT	LS SPRING WAND (ZCY91)	
13	6179GT	SCREW,RHM,10-32 X 1.25	2
14	6607GT	WASHER,LOCK,#10 PLTD	2
15	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT*	744
16	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	1
17	119403GT	CONN,PLUG 120 AC/15A DOMESTIC	1
17	144161GT	PLUG,POWER,UK,16AMP,3PIN	1
17	1280665GT	PLUG, TYPE F, 230V, 50HZ, 16A, IP44	1
18	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM	1
19	28470GT	WELDMENT,UPPER PIVOT REST	1
20	6095GT	WASHER,FLAT,USS,1/2",Y	4

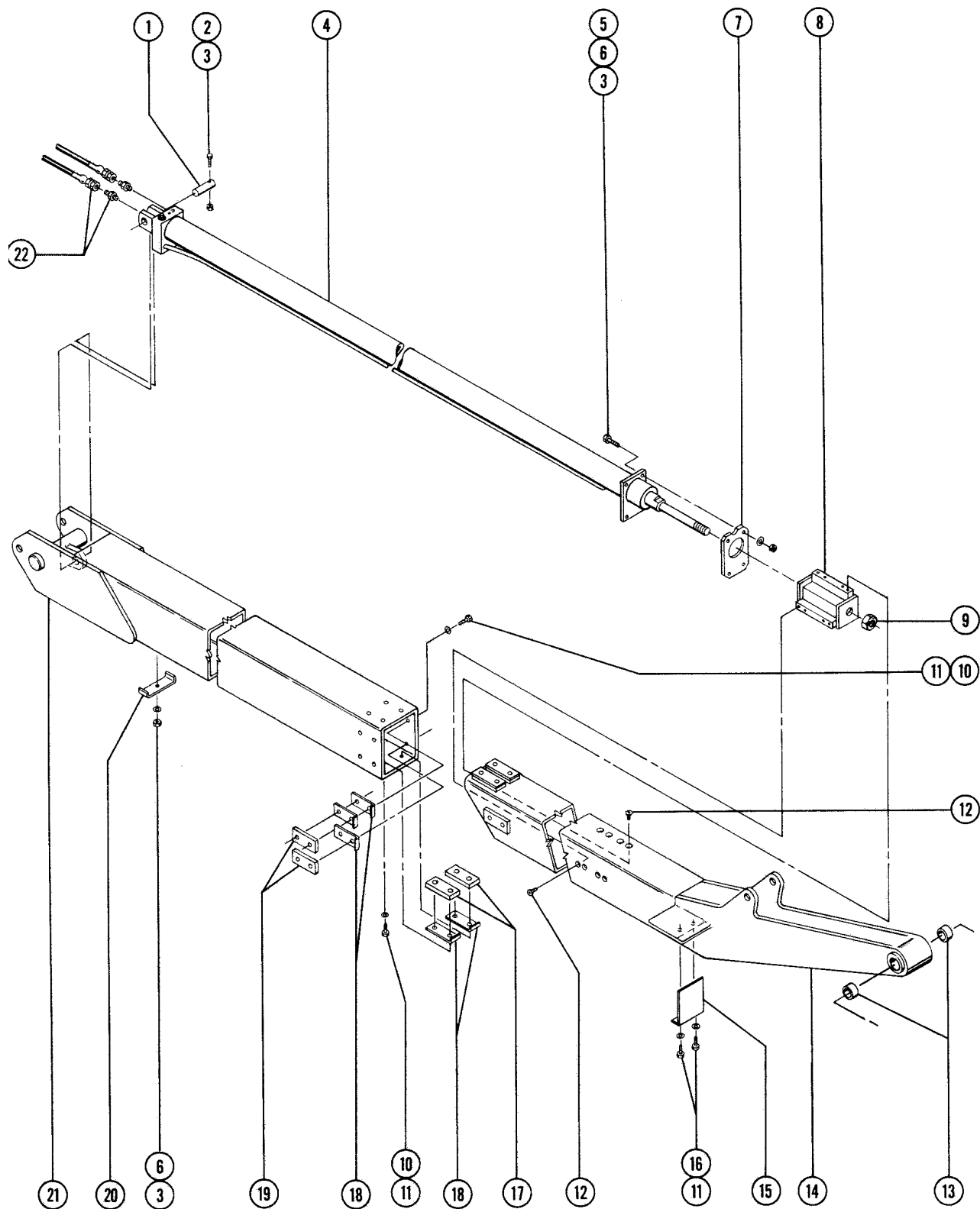
503.1 Upper Mid-pivot



503.1 Upper Mid-pivot

Item	Part No.	Description	Qty.
1	24678GT	PIN,MASTER CYL.ROD END,7.25 X1	1
2	8914GT	SCREW,HHC,1/4-20 X .625	1
3	12906GT	WASHER,FENDER,.25 X 1.25 X.062	1
4	8516GT	SCREW, HCC, 3/8-16 X 1.50	2
5	4828GT	NUT,NYLOCK,3/8-16	2
6	825019GT	ROD END, .375X3.69, ZAG	2
7	25857GT	PIN,LIFT CYL./PLAT.PIVOT	1
8		PRIMARY BOOM WELDMENT** no longer available, (contact customer service)	1
9	45070GT	BEARING,GARLOCK,16DU12	4
10		Ref. Hydraulic Hoses & Fittings	4
		refer to section 507.1	
11	45561GT	CYL-HYD.-4BORE X 5.63 STK	1
		includes 4 each index number 9	
11	45898GT	SEAL KIT (CYL.PN.45561) BL	1
12	45071GT	BEARING,1.5IDX1.75ODX1.5L	2
13	24655GT	CYLINDER,LIFT,4 X 24***	1
13-	230483GT	SEAL KIT,CYLINDER***	1
13-	32954GT	VALVE,COUNTERBALANCE	1
13-	45072GT	BEARING,GARLOCK,24DU24	4
14	25062GT	PIN,LIFT CYL.BARREL END	1
15	25680GT	PIN,MASTER CYL.BAR.END,9.56 X1	1
16	6888GT	SCREW,HHC,1/4-20 X 1	1
17	6091GT	NUT, NYLOCK, 1/4-20	4
18	825020GT	ROD END, .25 X 2.75, ZAG	1
19	49810GT	PIN,BOOM PIVOT***%%	1
20	27552GT	UPPER MIDPIVOT ASSEMBLY,Z45	1
		includes 6 each index number 12	
21	54530GT	CLAMP,HOSE,ALUMINUM	1
22	6638GT	WASHER, FLAT, USS, 1/4"Y	1

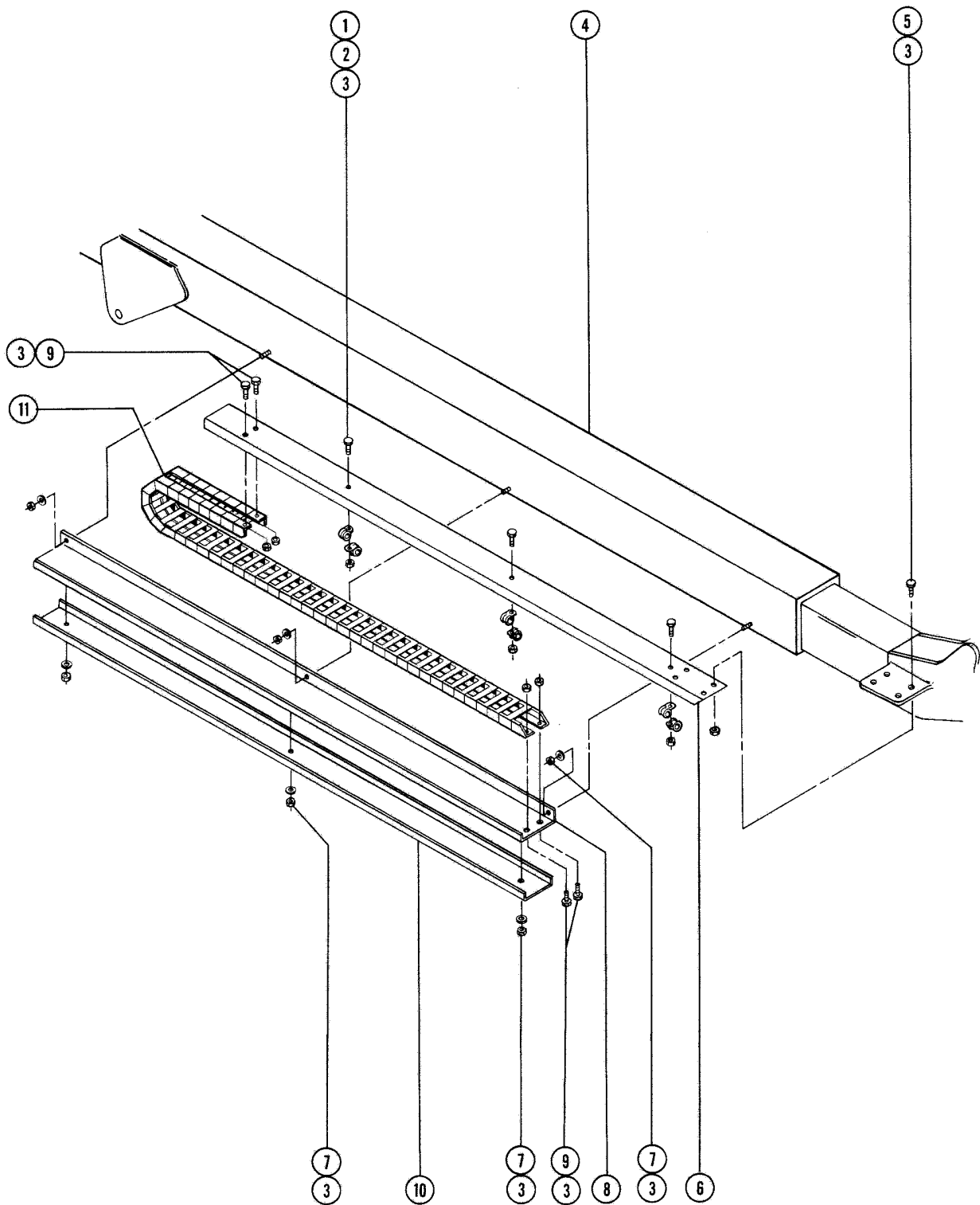
504.1 Primary and Extension Booms



504.1 Primary and Extension Booms

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	25679GT	PIN,EXTENSION CYLINDER	1
2	6145GT	SCREW,HHC,1/4-20 X 1.5	1
3	6091GT	NUT, NYLOCK, 1/4-20	8
4	29267GT	CYLINDER,EXT,2.5 X 112.25	1
4-	29183GT	SEAL KIT,25212,25217,25372,S60	
4-	31082GT	VALVE,COUNTERBALANCE 2500 PSI*	
5	8915GT	SCREW,HHC,1/4-20 X 1.25	4
6	6638GT	WASHER, FLAT, USS, 1/4"Y	7
7	45742GT	SLIDE BLOCK-EXT CYL.,Z45A	1
8	45298GT	ROD END WELDMENT-EXT.CYL.	1
9	45303GT	NUT,NYLOCK,1.125-12	1
10	8914GT	SCREW,HHC,1/4-20 X .625	16
11	6356GT	WASHER,LOCK,.25	18
12	45425GT	SCREW,FHS,3/8-16 X .75	8
13	18238GT	BEARING,FL,1.5 X 1.65OD X 2	2
14		EXTENSION BOOM ASSY,Z45 (91) includes index number 13 (no longer available)	1
15	48496PGT	COVER, END, PAINTED	1
16	6090GT	SCREW, HHC, 1/4-20 X .75	2
17	45745GT	WEAR PAD,4 X 2 X.50 THK.BLACK	2
18	45382GT	SHIM,PRIMARY BOOM,.052 THK.	8
18	45465GT	SHIM,PRIMARY BOOM,.022 THICK	8
19	45209GT	WEAR PAD,4X2X.5 W/INSERT***	6
20	54530GT	CLAMP,HOSE,ALUMINUM	3
21		PRIMARY BOOM WELDMENT** no longer available, (contact customer service)	1
22		Ref. Hydraulic Hoses & Fittings	1
		refer to section 507.1	

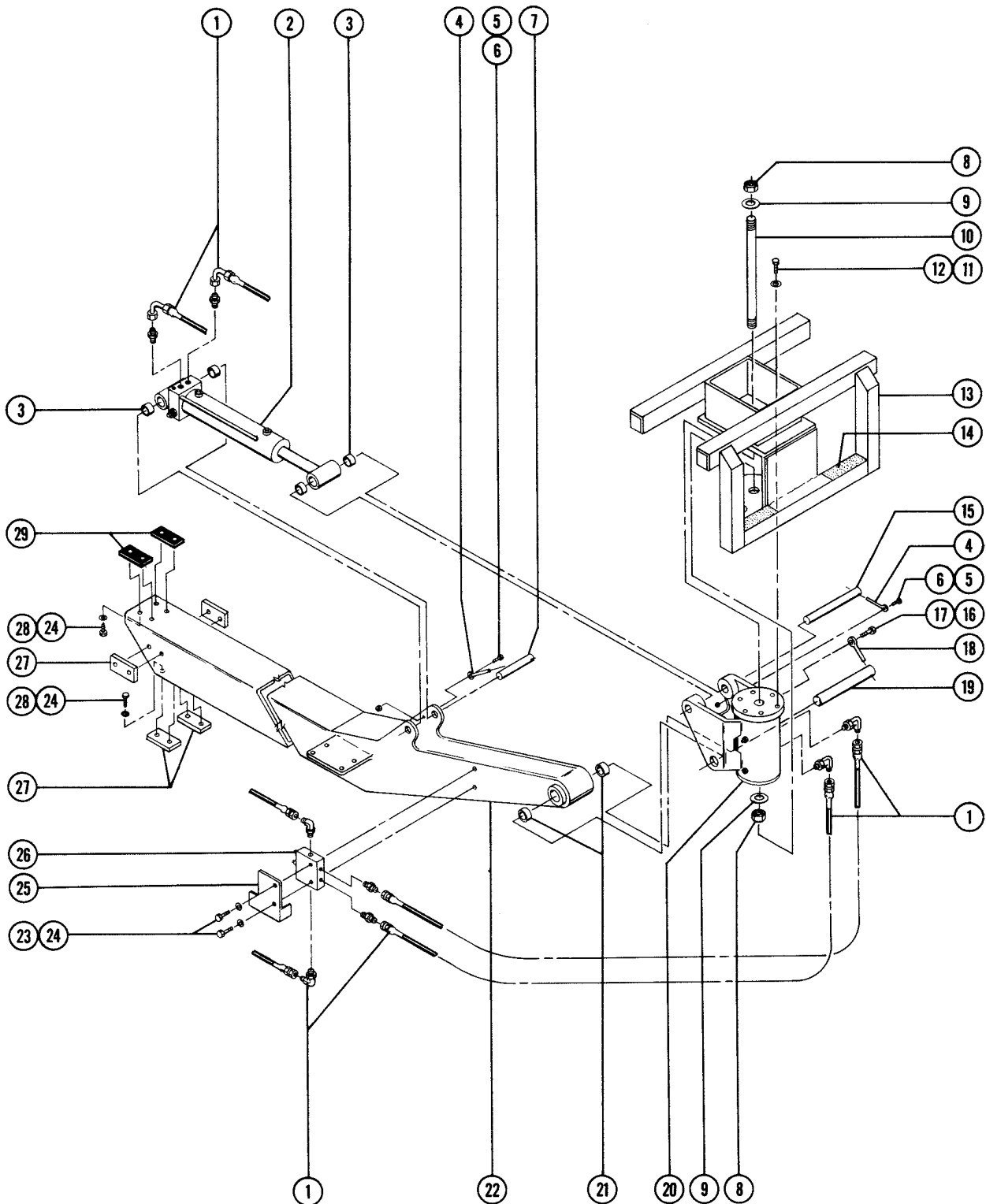
505.1 Cable Track



505.1 Cable Track

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	8914GT	SCREW,HHC,1/4-20 X .625	3
2	13268GT	CLAMP, 0.75, #12 X 1/4, RUB CUSH	6
3	6091GT	NUT, NYLOCK, 1/4-20	17
4		Ref. Primary Boom refer to section 504.1	17
5	6090GT	SCREW, HHC, 1/4-20 X .75	4
6	24998PGT	HOSE COVER,UPPR.CABLE TRK,BLUE	1
7	6638GT	WASHER, FLAT, USS, 1/4"Y	6
8	25071PGT	TRAY,CABLE TRACK,W/STUDS	1
9	7339GT	SCREW,HHC,1/4-20 X .5	4
10	25072P-SGT	HOSE COVER,LWR CABLE TRK,BLUE	1
11	24670GT	TRACK,PLASTIC CABLE,38 LINKS	1
11	27647GT	TRACK REPAIR,7 LINKS	1
11	27699GT	END SET,PLASTIC TRACK	1

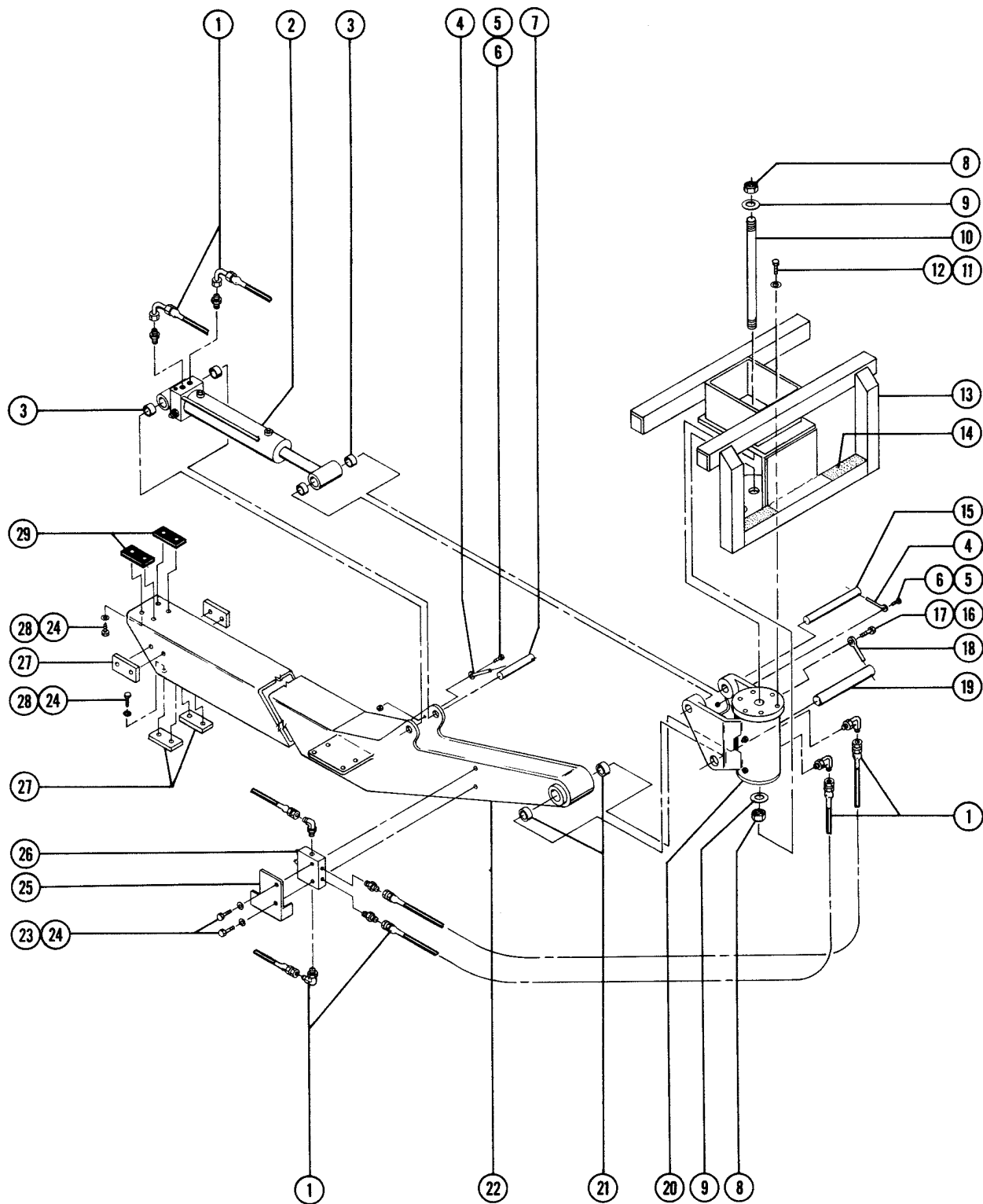
506.1 Platform Leveling and Rotation



506.1 Platform Leveling and Rotation

Item	Part No.	Description	Qty.
1		Ref. Hydraulic Hoses & Fittings refer to section 507.1	
2	29082GT	CYLINDER,SLAVE,3 X 9.5** includes 4 each index number 3	1
2	19700GT	SEAL KIT,PN.45562 BL 	1
2	29083GT	VALVE,COUNTERBALANCE,2500 PSI* 	1
2	13852GT	VALVE ASSY,BLEED*** 	1
3	45070GT	BEARING,GARLOCK,16DU12 	4
4	825020GT	ROD END, .25 X 2.75, ZAG 	2
5	6888GT	SCREW,HHC,1/4-20 X 1 	2
6	6091GT	NUT, NYLOCK, 1/4-20 	2
7	25065GT	PIN, 1.00 DIA X 6.00LG, 1 HOLE 	1
8	29764GT	NUT,NYLOCK,1-8 	2
9	13775GT	WASHER,FLAT,1.063 X 2 X .134 	2
10	30286GT	SCREW,HHC,1-8 X 12IN GRD.2*** 	1
11	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5 	6
12	6033GT	WASHER,LOCK,0.5" 	6
13	27680GT	PLATFORM PIVOT MOUNT ASSY includes index number 14	1
14	1259GT	TAPE,NON SKID,2" WIDE (BULK) 	14
15	25064GT	PIN,SLAVE CYL.ROD END 	1
16	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5 	1
17	4828GT	NUT,NYLOCK,3/8-16 	1
18	825019GT	ROD END, .375X3.69, ZAG 	1
19	25816GT	PIN,PLATFORM PIVOT 8.5 X 1.5" 	1
20		ROTATOR,HELICAL,PLATFORM*** (24411) component no longer available	1
20	65842GT	SEAL KIT,UNIVERSAL,9K ROTATOR* 	1
20	13852GT	VALVE ASSY,BLEED*** 	1
21	18238GT	BEARING,FL,1.5 X 1.65OD X 2 	4
22		EXTENSION BOOM ASSY,Z45 (91) includes 2 each index number 21 (no longer available)	1
23	6637GT	SCREW,HHC,1/4-20 X 1.75 	2

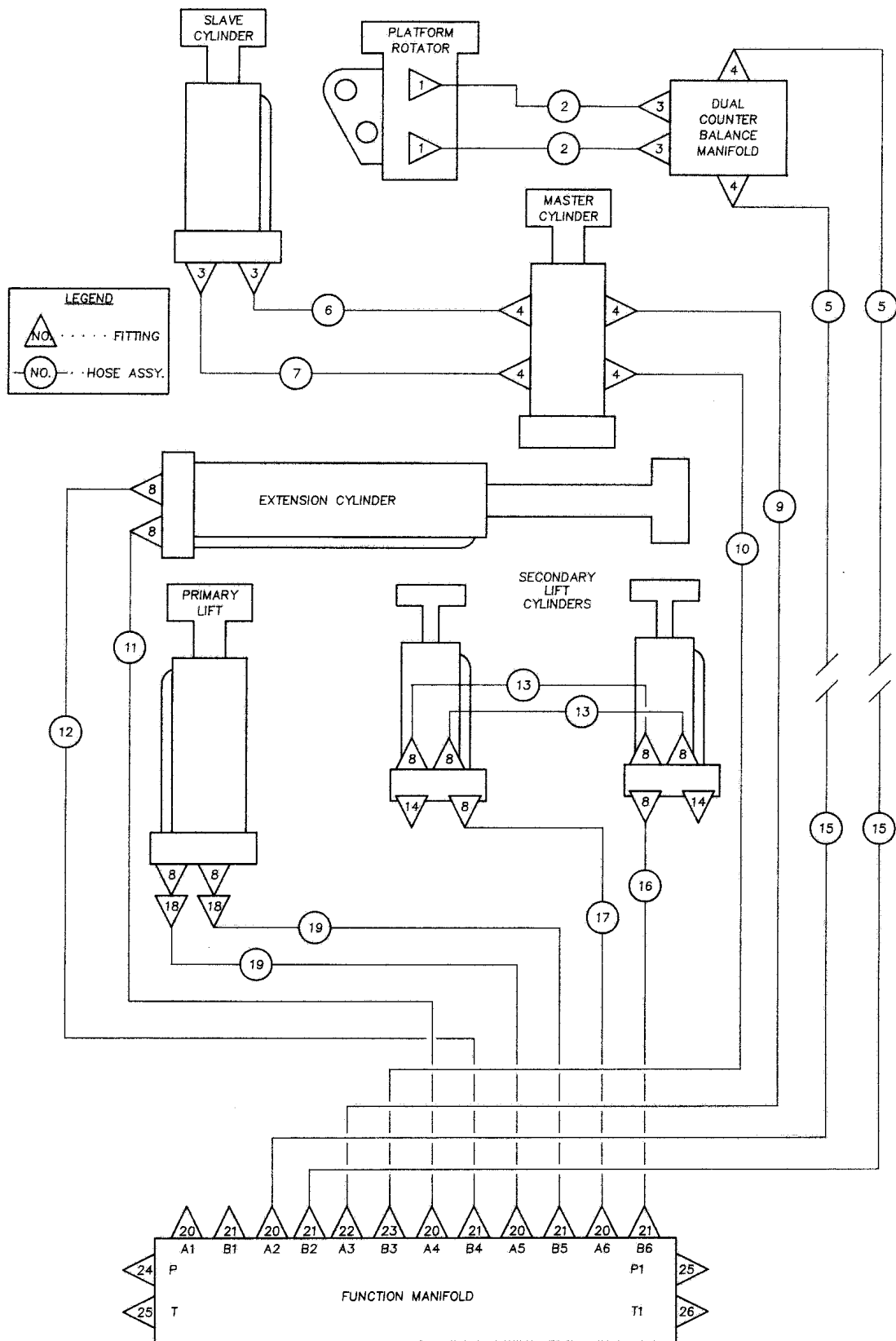
506.1 Platform Leveling and Rotation



506.1 Platform Leveling and Rotation

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
24	6356GT	WASHER, LOCK, .25	6
25	25966PGT	COVER, COUNTERBALANCE VALVE, PNTD	1
26	25654GT	VALVE, DUAL COUNTERBALANCE	1
26	27047GT	VALVE, COUNTERBALANCE	1
26	25375GT	KIT, O-RING	1
27	45209GT	WEAR PAD, 4X2X.5 W/INSERT***	4
28	6090GT	SCREW, HHC, 1/4-20 X .75	12
29	45745GT	WEAR PAD, 4 X 2 X .50 THK. BLACK	2

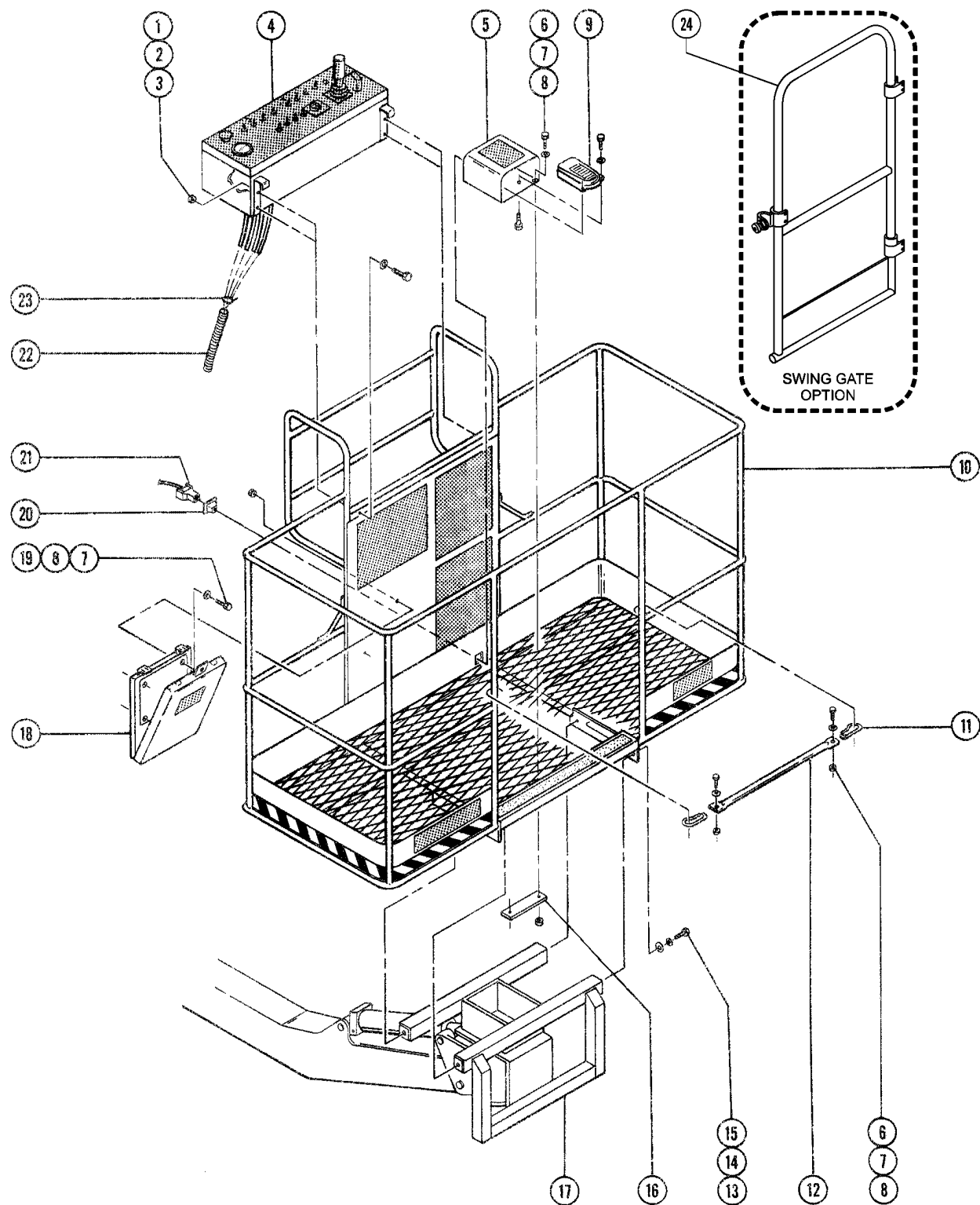
507.1 Hydraulic Hoses And Fittings



507.1 Hydraulic Hoses And Fittings

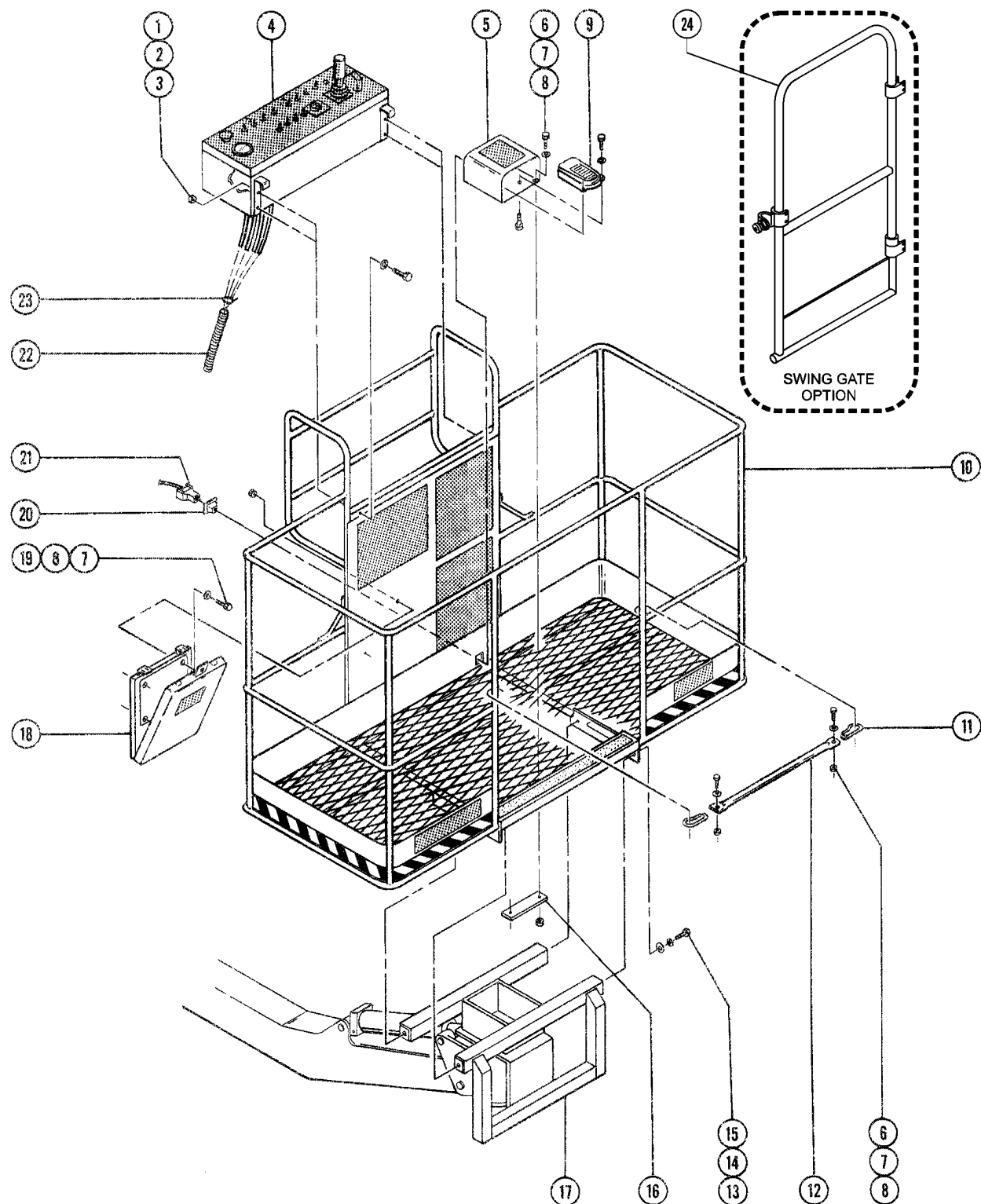
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	13921GT	ELBOW, 07022-4-4	2
2	28007GT	HOSE ASSY,MNFLD TO ROTATE CYL	2
3	13799GT	CONNECTOR,070120-6-4	4
4	12340GT	ELBOW,070220-4-6	6
5	28009GT	HOSE ASSY,SPLICE TO ROTATE CYL	2
6	28006GT	HOSE ASSY,MASTER CYL. TO SLAVE	1
7	28005GT	HOSE ASSY,MSTR.CYL.-SLAVE.CYL	1
8	45412GT	CONNECTOR,070120-6-6	8
9	28003GT	HOSE ASSY,FNCTN.MNFLD-MSTR.CYL	1
10	28004GT	HOSE ASSY,FNCTN.MNFLD-MSTR.CYL	1
11	28001GT	HOSE ASSY,FNCTN.MNFLD-EXTN.CYL	1
12	28000GT	HOSE ASSY,FNCTN.MNFLD-EXTN.CYL	1
13	28316GT	TUBE,ELEVATE CYLINDER	2
14	45395GT	PLUG,HEX HEAD,090109A-6	2
15	28008GT	HOSE ASSY,FNCTN.MNFLD-SPLICE	2
16	28147GT	HOSE ASSY,FNCTN.MNFLD/ELEV.CYL	1
17	28146GT	HOSE ASSY,FNCTN.MNFLD/ELEV.CYL	1
18	45367GT	ELBOW,070221-6-6	4
19	45533GT	HOSE ASSY-MNFLD.TO PRIME LIFT CYL	2
20	13756GT	CONNECTOR,070120-4-6	5
21	31313GT	CONNECTOR,070122-6-4	5
22	13755GT	CONNECTOR,070120-4-4	1
23	31314GT	CONNECTOR,070122-4-4	1
24	18687GT	CONNECTOR,070120-6-8	1
25	28448GT	ELBOW,070220-6-8	2
26	45357GT	ELBOW,070220-8-8***	1

601.1 Platform



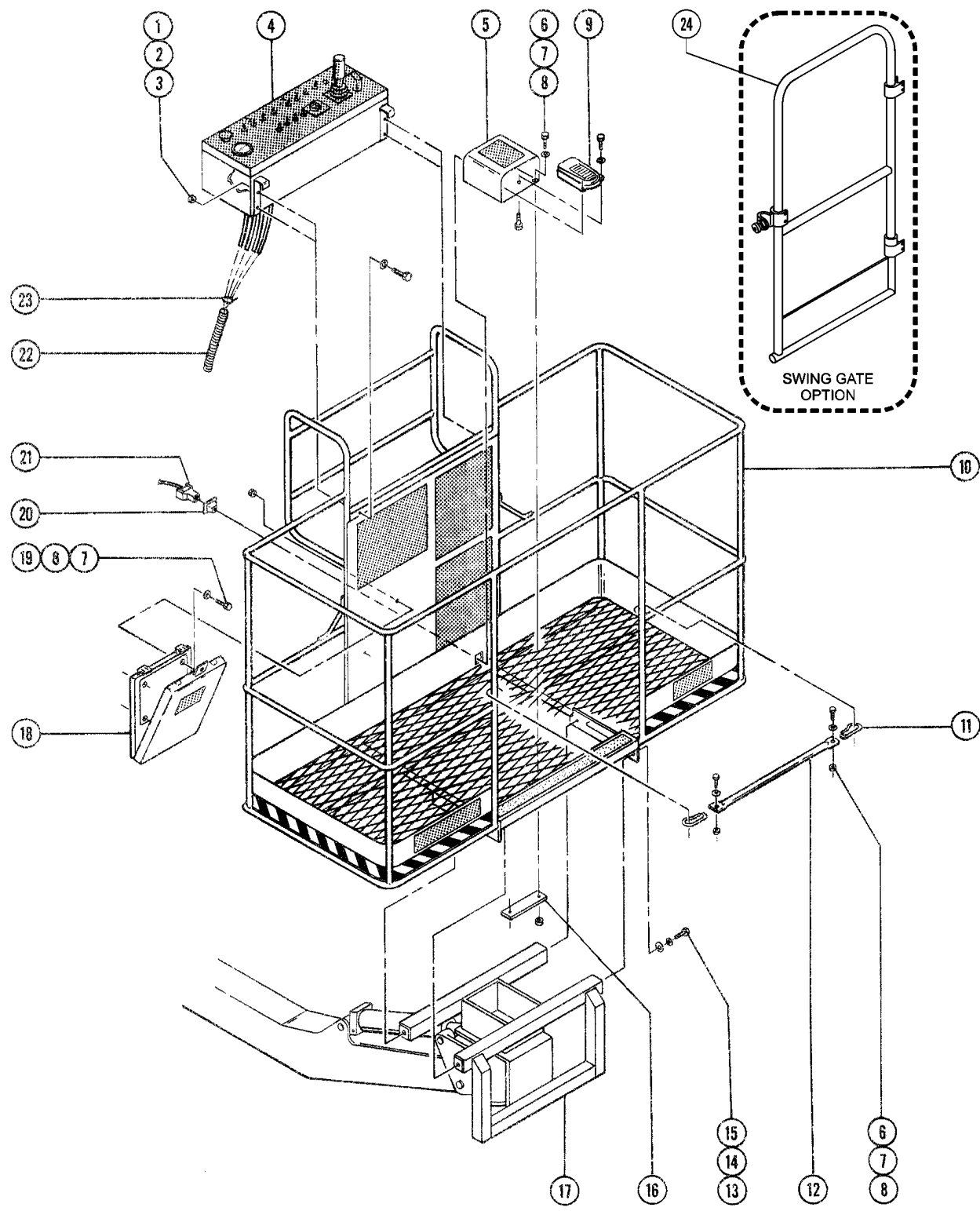
Item	Part No.	Description	Qty.
1	7713GT	NUT, LP NYLOCK, 3/8-16	1
2	6037GT	NUT,HEX,5/16-18,GR5	8
3	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	4
4		Ref. Platform Controls refer to sections 602.1 and 603.1	4
5	27528GT	FOOT SWITCH GUARD W/DECALZ45	1
6	6888GT	SCREW,HHC,1/4-20 X 1	4
7	6638GT	WASHER, FLAT, USS, 1/4"Y	10
8	6091GT	NUT, NYLOCK, 1/4-20	8
9	13482GT	FOOT SWITCH*** includes mounting fasteners	1
9	20262GT	MICROSWITCH,13482 FOOTSWITCH	1
10	32027GT	PLAT. ASSY W/DECALS,4' includes index numbers 6 through 8, 11 and 12	1
10	32030GT	PLAT. ASSY W/DECALS,EURO,4' includes index numbers 6 through 8, 11 and 12	1
10	54817P-SGT	TOEBOARD,PLTFM ENTRY EUR,PNTD*	1
10	147626GT	PLAT. ASSY W/DECALS,5'*** All models from SN 641 to 5043; includes index numbers 6-8, 11-12	1
10	147627GT	PLAT. ASSY W/DECALS,ANSI,5'*** ANSI models from 5053 to 9999; includes index numbers 6-8, 11-12	1
10	32031GT	PLAT. ASSY W/DECALS,EURO,5'*** CE models from SN 5053 to 9999; includes index numbers 6-8, 11-12	1
10	54817P-SGT	TOEBOARD,PLTFM ENTRY EUR,PNTD*	1
10	32029GT	PLAT. ASSY W/DECALS,6'-Z45 includes index numbers 6 through 8, 11 and 12	1
10	32032GT	PLAT. ASSY W/DECALS,EURO,6' includes index numbers 6 through 8, 11 and 12	1
10	54817P-SGT	TOEBOARD,PLTFM ENTRY EUR,PNTD*	1
11	12443GT	MIDRAIL GUIDE (HOOK)	2
12	102992GT	SLIDING MIDRAIL KIT,PTD includes index numbers 6 through 8 and 11	1
12	12446-SGT	TUBE,STD SLIDING MIDRAIL,PAINT	2
12	20973GT	WIRE LOOM,3/8 POLY SLIT	2
12	21121GT	CABLE TIE, 4" BLK, HEAT RESISTANT	2
13	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	4
14	6033GT	WASHER,LOCK,0.5"	4
15	6095GT	WASHER,FLAT,USS,1/2",Y	4

601.1 Platform



<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
16	13840GT	FOOT SWITCH MOUNTING PLATE-6"	1
17		Ref. Platform Leveling and Rotation	1
		refer to section 506.1	
18A	44743GT	MANUAL BOX W/DECALS***	1
		USA/Canada/Australia	
18B	24514GT	BOX,INSTRUCTION STORAGE	
		Europe/Asia/South America (decals required; refer to Section100)	
19	6090GT	SCREW, HHC, 1/4-20 X .75	4
20	29431GT	CONNECTOR ASSEMBLY,FOOTSWITCH	1
20	45139GT	RECEPT.,SNAP-IN,4 POLE ANDERSN	1
20	22431GT	TERMINAL,ANDERSON,30A 12-16 GA	1
20	22432GT	ANDERSON HOUSING,15-45 AMP BLK	1
20	22433GT	ANDERSON HOUSING,15-45,AMP,WHT	1
20	22434GT	ANDERSON HOUSING,15-45 AMP RED	1
20	45200GT	SPACER,SHORT ANDERSON	1
20	45202GT	PIN,ROLL,.094 X .875	1
21	32026GT	FOOTSWITCH WIRE ASSY,Z45	1
21	45313GT	PLUG,W/LATCH,4 POLE,ANDERSON	1
21	22431GT	TERMINAL,ANDERSON,30A 12-16 GA	1
21	22432GT	ANDERSON HOUSING,15-45 AMP BLK	1
21	22433GT	ANDERSON HOUSING,15-45,AMP,WHT	1
21	22435GT	ANDERSON HOUSING,15-45 AMP GRN	1
21	45201GT	SPACER,LONG ANDERSON	1
21	45202GT	PIN,ROLL,.094 X .875	1
22	45540GT	WIRE LOOM,BLACK SPIRAL 1"	105
23	6653GT	CLAMP, 1.88, #30 X 1/4, RUB CUSH	4
24	128368GT	KIT,SWING GATE W/SPRING	1
24	1290135GT	KIT,HALF FRONT,SWING GATE	
24-	1488GT	RAILING CATCH CASTING--DRILLED	4
24-	7265GT	RIVET,STEEL,P, .25 X .375	4
24-	43392GT	BUMPER,BATTERY BOX & RAILS	4

601.1 Platform

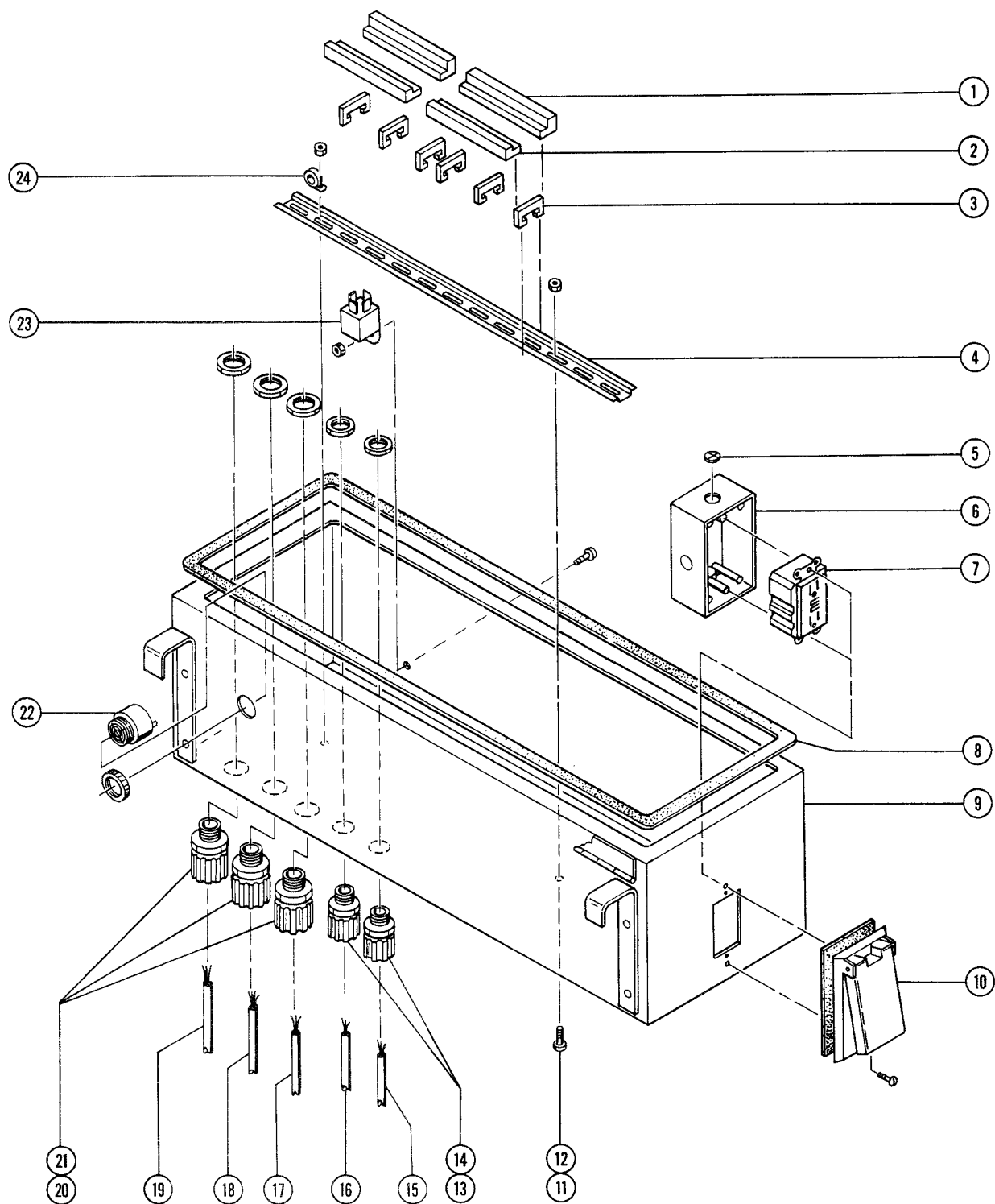


601.1 Platform

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
24-	33674GT	PIN,LOCK,SHORT***	4
24-	1487GT	GATE LATCH CASTING--DRILLED	4
24-	55753GT	BUMPER, PLASTIC, 1.25 O.D.	4
24-	42104GT	SPRING,SHORT PLATFORM GATE	

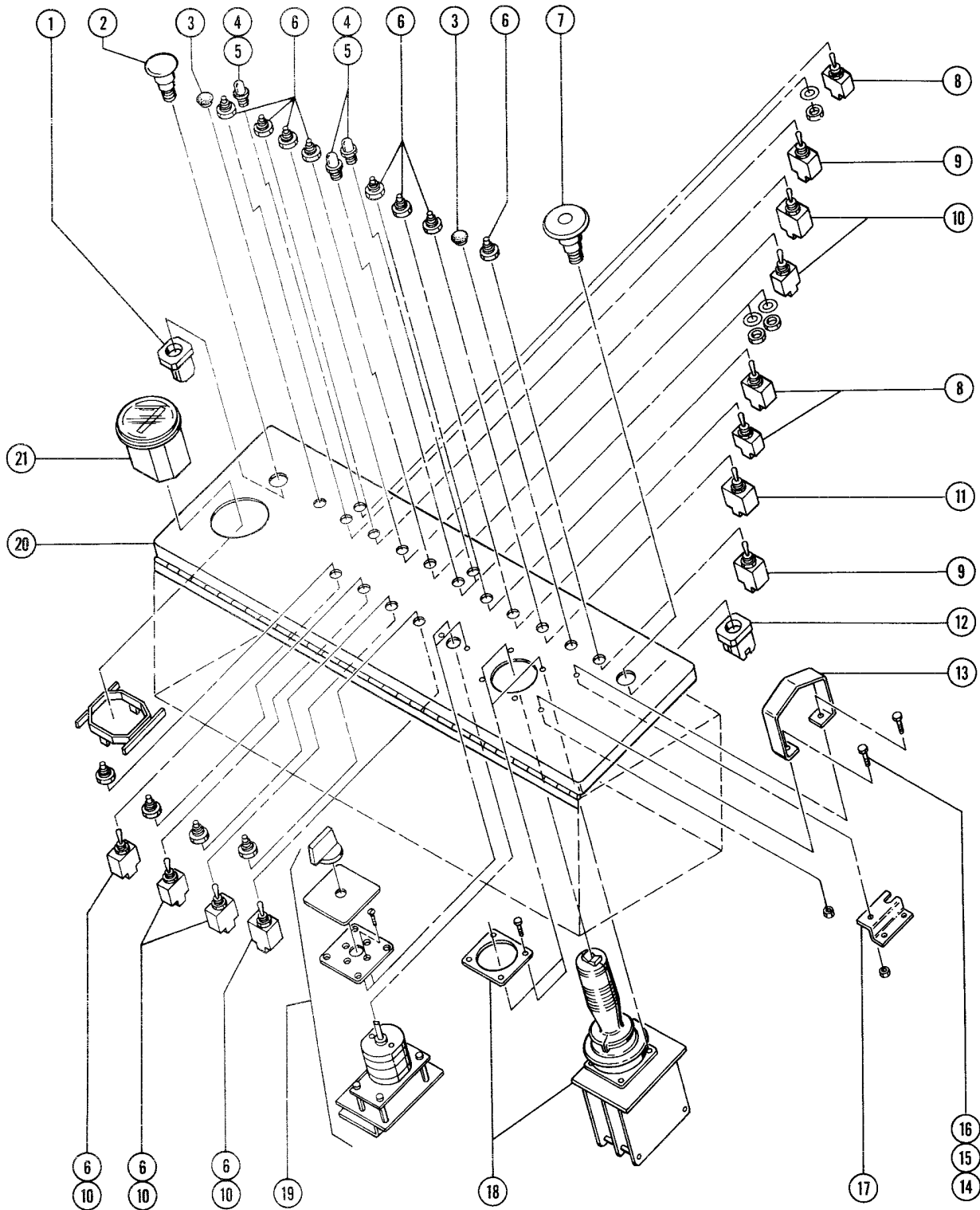


602.1 Platform Controls - View 1



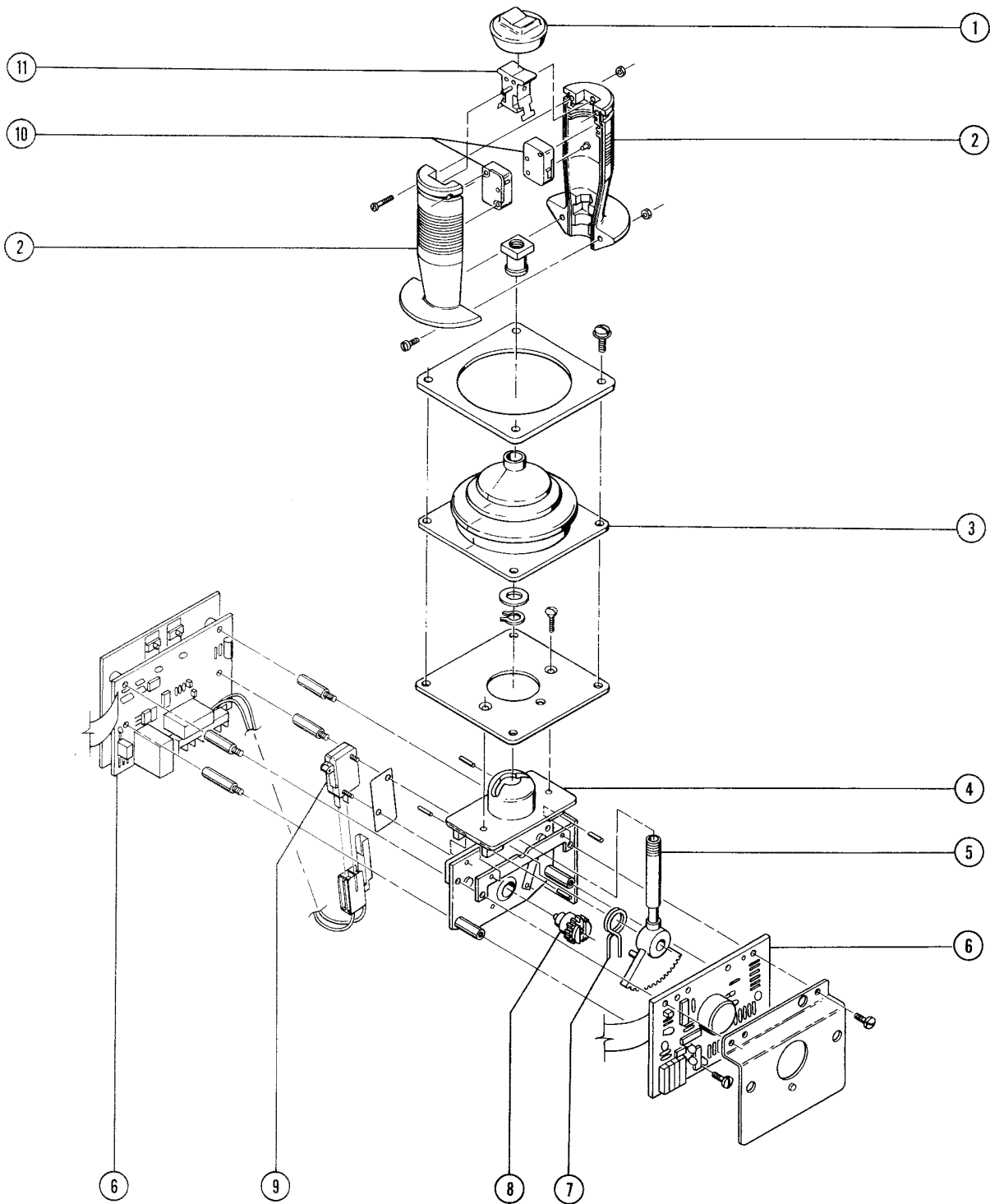
Item	Part No.	Description	Qty.
1	28308GT	QUICK DISCONNECT,FEMALE**	2
2	25834GT	QUICK DISCONNECT MALE	2
3	25838GT	MOUNTING ADAPTOR	6
4	25839GT	DIN RAIL,19.75"	1
5	8843GT	COVER,KNOCK OUT HOLE,4 PER BAG	1
6	10775GT	T-BOX,2.75 X 4.5 X 2.0	1
7	13585GT	OUTLET 110V	1
7	19975GT	RECEPTACLE - BRITISH, 110V	1
7	119404GT	CONN,RECEP 120AC/15A DOMESTIC	1
8	27115GT	GASKET,UPPER CONTROL BOX	1
9	32033GT	CONTROL BOX ASSY,PLATFORM includes index number 8	1
10	45437GT	COVER,GFCI,WEATHERPROOF includes mounting fasteners	1
11	6066GT	SCREW,RHM,10-32 X .38	2
12	6178GT	NUT, NYLOCK, 10-32	2
13	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM	2
14	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	2
15	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT*	780
16	32026GT	FOOTSWITCH WIRE ASSY,Z45	1
17	35934GT	WIRE CABLE,18/19 CON.TPRJKT	798
18	35934GT	WIRE CABLE,18/19 CON.TPRJKT	798
19	35934GT	WIRE CABLE,18/19 CON.TPRJKT	798
20	12960GT	CABLE SQUEEZE CONN.,XTRA LRG	3
21	14041GT	LOCKNUT,ELECTRIC,3/4"	3
22	45383GT	ALARM,WARBLE TONE 5-30 VDC*** order 72326 retainer nut separately	1
23	19274GT	RELAY,SPDT,12V(AUTO)** Bi-fuel andTri-fuel models only	1
24	13268GT	CLAMP, 0.75, #12 X 1/4, RUB CUSH	1

603.1 Platform Controls - View 2



<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	66813GT	BUTTON,PUSH,BLACK W/SEAL***	1
1	66815GT	BASE, W/1 N.O. CONTACTS***	1
2	122513GT	KIT,HORN SVC BB&SM BOOM	1
3	45384GT	PLUG,NYLON .50 BLACK DOMED	2
4	22776GT	SOCKET,IND.LITE,W/RED LENS	3
5	22777GT	LIGHTBULB,T 1.75,14V(10PACK)	3
6	27246GT	BOOT,TOGGLE SWITCH,SHORT*	12
7	122514GT	KIT,ESTOP SVC BB&SM BOOM	1
8	13037-SGT	SWITCH,TOGGLE,SPDT,3POS MOMEN* includes mounting fasteners	3
9	128205GT	SWITCH TOGGLE ASSY DPDT 2P MNT (replaced 27378-S)	2
10	16397-SGT	SWITCH,TOGGLE,DPDT,3POS MOMEN includes mounting fasteners	6
11	13038-SGT	SWITCH,TOGGLE,DPDT,3POS MAINT includes mounting fasteners	1
12	66821GT	BASE,WITHOUT CONTACTS	1
12	66818GT	CONTACT,NC	1
13	27033PGT	SUPPORT,WRIST,PAINTED-BLUE	1
14	8914GT	SCREW,HHC,1/4-20 X .625	2
15	6638GT	WASHER, FLAT, USS, 1/4"Y	2
16	6091GT	NUT, NYLOCK, 1/4-20	2
17	54525GT	BRACKET-PANEL-WIRE MOUNTING 99	1
18	40612GT	JOYSTICK,CONTROLLER,OEM,12V***	1
19	29643GT	ROTATION, CNTRLR, DUAL RNG	1
20	32033GT	CONTROL BOX ASSY,PLATFORM includes gasket	1
21	13686GT	BATTERY CHARGE INDICATOR,36V	1

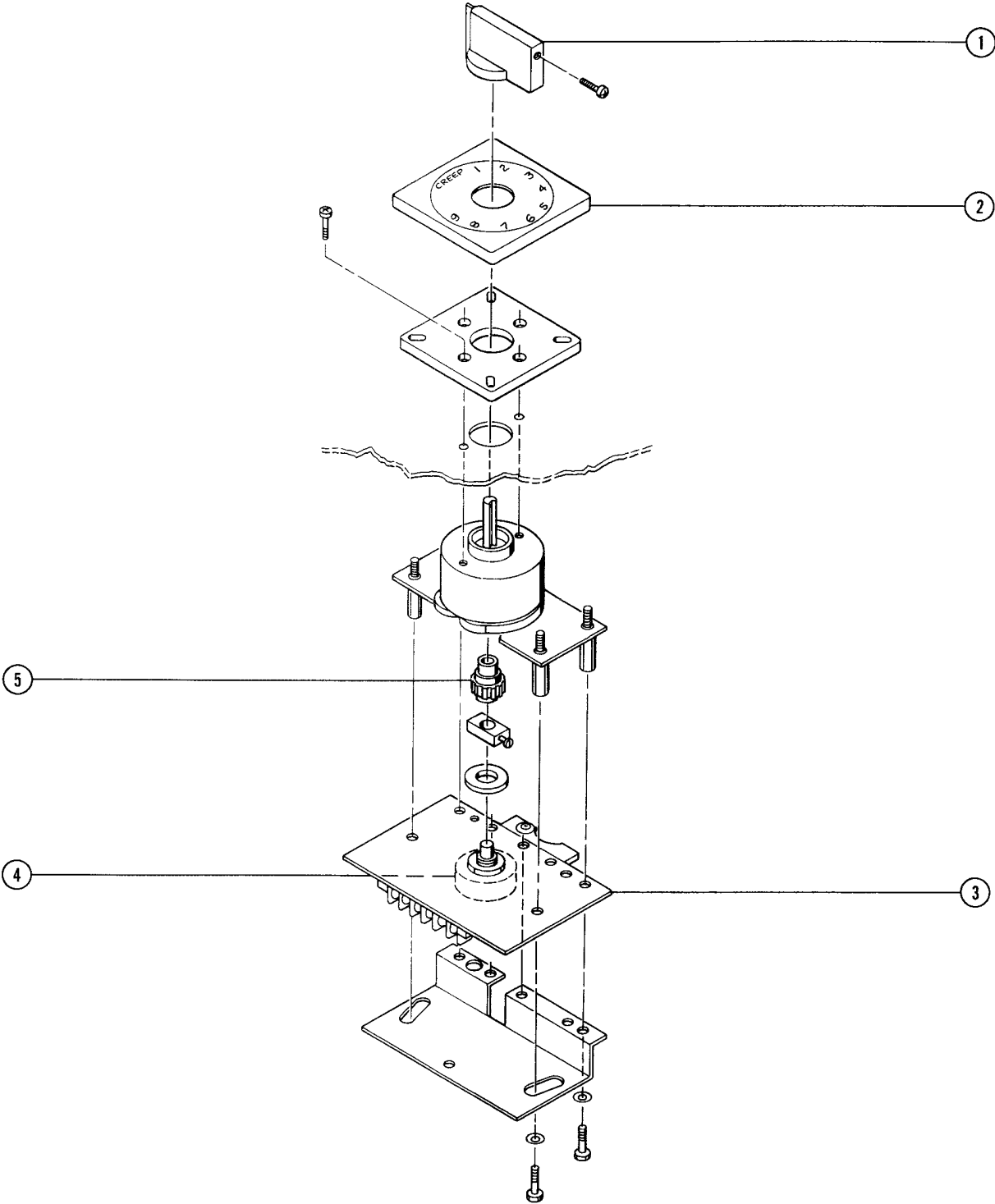
604.1 Joystick Controller - Drive / Steer



604.1 Joystick Controller - Drive / Steer

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
	40612GT	JOYSTICK,CONTROLLER,OEM,12V***	
1	19710GT	BOOT, PROTECTIVE, 45049 BLACK	1
2	19723GT	JOYSTICK HANDLE HALF***	2
3	19715GT	BOOT,45049,40612	1
4	19720GT	CASTING,45049, 40612	1
5	19719GT	SHAFT,45049	1
6	46302GT	PCB,ASSY,40612 CONTROLLER	1
7	21434GT	SPRING & BUSHING KIT,RETURN***	1
8	19731GT	GEAR, SLAVE, MS4,45048	1
9	19712GT	MICROSWITCH,V3L-139-D8	1
10	19722GT	MICROSWITCH-V319M***	2
11		ROCKER ASSEMBLY,45049 (Component No Longer Available)	1

605.1 Rotational Controller - Boom Function Speed



605.1 Rotational Controller - Boom Function Speed

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
	29643GT	ROTATION, CNTRLR, DUAL RNG	
1	19726GT	CONTROL KNOB,45048	1
2	35680GT	LEGEND,PLSTC,"CREEP TO 9"***	1
3	29943GT	PCB,ASSY,29643 CONTROLLER %% includes index number 4	1
4	19729GT	POTENTIOMETER,56886	1
5	19731GT	GEAR, SLAVE, MS4,45048	1

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1268GT	11, 15	6935GT	121, 141	13756GT	133
1484GT	11, 15	7056GT	121, 141	13775GT	27, 41, 47, 129
1487GT	139	7265GT	85, 137	13799GT	37, 109, 113, 117, 133
1488GT	137	7339GT	95, 127	13840GT	137
1642GT	111, 115	7713GT	135	13852GT	129
4828GT	33, 41, 45, 81, 85, 103...	8170GT	45	13918GT	41, 45, 103
5094GT	43, 45, 99	8255GT	33, 11, 19, 81, 85, 103...	13921GT	39, 133
5224GT	41	8357GT	61, 75	13998-2GT	49
5361GT	23	8516GT	23, 123	14041GT	95, 141
5397GT	105	8843GT	141	16397-SGT	99, 143
6002GT	45, 105	8914GT	123, 125, 127, 143	16439GT	85
6012GT	27	8915GT	41, 45, 97, 125	18078GT	29
6019GT	33, 45, 59, 71, 119, 129...	8920GT	103	18218GT	81
6021GT	23, 33, 45, 55, 59, 71...	10107GT	85	18238GT	125, 129
6033GT	27, 35, 41, 47, 61, 73...	10355GT	111, 115	18471GT	119
6037GT	135	10597GT	27, 35, 41, 47, 61, 73...	18504GT	27, 45
6066GT	141	10775GT	141	18506GT	41, 45, 55, 61, 75, 85
6090GT	25, 33, 41, 47, 57, 63...	12340GT	133	18651PGT	105
6091GT	23, 41, 45, 55, 69, 85...	12443GT	135	18665GT	95
6095GT	27, 121, 135	12446-SGT	135	18687GT	107, 113, 115, 133
6097GT	33, 41, 45, 85, 85, 103...	12906GT	123	18920GT	31
6145GT	27, 125	12960GT	95, 141	18921GT	31
6146GT	43, 47	13000GT	41, 45, 57, 71	19136GT	107, 113, 115
6175GT	59, 83, 85, 103	13002GT	85, 105	19141GT	111, 115
6178GT	33, 99, 141	13006GT	27	19149GT	49
6179GT	121	13008-1GT	29	19151GT	49
6198GT	61, 75	13008-3GT	29	19187GT	85
6272GT	27	13037-SGT	99, 143	19273GT	57
6326GT	119	13038-SGT	143	19274GT	99, 141
6356GT	25, 27, 33, 41, 47, 57...	13064GT	35, 77	19331GT	41, 47
6357GT	121	13066GT	35, 41, 47	19363GT	81
6562GT	121	13104GT	25	19440GT	23
6607GT	43, 45, 91, 93, 121	13119GT	37	19487GT	81
6637GT	129	13120GT	37	19491GT	33, 121
6638GT	23, 25, 27, 33, 41, 45...	13268GT	127, 141	19506GT	99
6648GT	81	13471GT	99	19520GT	27
6653GT	137	13480-SGT	99	19528GT	29
6782GT	45, 55, 85	13482GT	135	19529GT	29
6833GT	95, 99, 121	13579GT	27	19530GT	29
6886GT	41, 45, 57, 71, 85	13585GT	141	19531GT	29
6888GT	41, 41, 55, 15, 105, 123...	13686GT	143	19532GT	29

<u>Part no.</u>	<u>Page Number</u>	<u>Part no.</u>	<u>Page Number</u>	<u>Part no.</u>	<u>Page Number</u>
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19700GT	129	21383GT	13, 17	23061GT	61, 73
19710GT	145	21434GT	145	23154-SGT	23
19712GT	145	21465GT	57, 63, 69, 73, 81	23167GT	63
19715GT	145	21496GT	55	23168GT	63
19719GT	145	21604GT	85	23192GT	57
19720GT	145	21625GT	91	23452GT	51
19722GT	145	21935GT	31, 89	23453GT	51
19723GT	145	21982GT	99	23455GT	51
19726GT	147	22046GT	51, 65	23456GT	51
19729GT	147	22202GT	77	23457GT	51
19731GT	145, 147	22264GT	43, 47	23458GT	55
19815GT	43, 47	22265GT	43, 47	23459GT	55
19861GT	57	22278GT	55	23460GT	55
19969GT	31	22279GT	57	23461GT	55
19970GT	31	22290GT	73	23462GT	55
19973GT	31	22431GT	137	23463GT	55
19975GT	141	22432GT	137	23464GT	55
20224GT	31	22433GT	137	23465GT	55
20262GT	135	22434GT	137	23471GT	51
20293GT	79, 81	22435GT	137	23472GT	51
20324GT	39, 107, 113, 115	22446GT	55	23473GT	51, 67
20325GT	37	22540GT	107, 113, 115	23478GT	55
20334GT	113	22541GT	33	23479GT	51
20451GT	33	22676GT	61, 73	23845GT	43, 47
20710GT	111	22692GT	71	24037GT	61, 75
20712GT	111	22700GT	61, 73	24039GT	27, 41, 45
20714GT	111	22776GT	99, 143	24040GT	61, 75
20776GT	95	22777GT	99, 143	24058GT	37, 115
20780GT	55, 69	22786GT	35	24118GT	95
20793GT	39	22794GT	77	24119GT	95
20813GT	95	22811GT	33	24343GT	95
20973GT	135	22813GT	31	24390GT	23
21121GT	135	22831GT	51	24485GT	77
21130GT	69	22903GT	51, 65	24486GT	77
21141GT	79, 81	22934GT	51, 65	24514GT	137
21143GT	35	22942GT	75	24544GT	23
21149GT	35	22943GT	57	24655GT	123
21166GT	25	22954PGT	55	24668GT	33
21247GT	111, 115	22955PGT	55	24670GT	127
21248GT	37, 111, 115	22956GT	55	24675GT	23
21250GT	107, 111, 115	22983GT	55	24678GT	123

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25015GT	85	27206GT	11, 15	28044GT	13, 19
25058GT	23	27207GT	11, 15	28058GT	71
25060GT	119	27246GT	99, 143	28146GT	133
25061GT	119	27275GT	77	28147GT	133
25062GT	123	27367GT	53	28156GT	61, 73
25063GT	119	27372GT	77	28157GT	11, 15
25064GT	129	27421GT	107, 113, 115	28158GT	19
25065GT	129	27506GT	45	28159GT	19, 21
25067GT	77	27528GT	135	28160GT	19
25068GT	77	27535GT	31, 91, 93	28161GT	13, 17
25071PGT	127	27552GT	119, 123	28162GT	17
25072P-SGT	127	27553GT	119	28164GT	15
25375GT	31, 89, 91, 93, 131	27555GT	119	28165GT	17
25563GT	95	27647GT	127	28170GT	19
25567GT	81	27661GT	25	28171GT	15
25635GT	41, 45, 121	27680GT	129	28173GT	11, 15
25654GT	131	27684GT	23	28174GT	13, 17
25677GT	119	27685GT	23	28175GT	11, 15
25679GT	125	27686GT	23	28176GT	13, 17
25680GT	123	27699GT	127	28177GT	13, 19
25807GT	95	27801GT	89	28179GT	11, 15
25808GT	95	27806GT	91, 93	28181GT	13, 19
25816GT	129	27809GT	89	28235GT	13, 17
25817GT	23	27811GT	91, 93	28236GT	13, 17
25834GT	141	27812GT	91, 93	28239GT	17
25836GT	95	27836GT	31	28308GT	141
25838GT	141	28000GT	133	28316GT	133
25839GT	95, 141	28001GT	133	28372GT	13, 19
25850PGT	119	28003GT	133	28448GT	107, 113, 115, 133
25857GT	123	28004GT	133	28452GT	37
25951GT	39	28005GT	133	28456GT	37
25966PGT	131	28006GT	133	28460GT	107, 113, 115
25974GT	95	28007GT	133	28469GT	121
25980GT	11, 17	28008GT	133	28470GT	121
27010GT	57	28009GT	133	28597GT	37
27033PGT	143	28032GT	37	28689GT	95
27047GT	91, 93, 131	28035GT	37	28829GT	81
27115GT	141	28036GT	37	28963GT	61
27126GT	105	28040GT	37	28976GT	71
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29137GT	81	29901PGT	103	31113GT	85
29183GT	125	29908GT	79, 81	31114GT	107, 111
29267GT	125	29909GT	107, 113, 115	31127PGT	61
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29292GT	33	29915GT	39	31166GT	11
29293GT	33	29922GT	39	31167GT	19
29294GT	31	29923GT	39	31168GT	19
29422PGT	33	29924GT	37	31169GT	19
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29607GT	95	29930GT	107	31355GT	59, 71
29610PGT	41	29931GT	107	31360GT	105
29623PGT	79	29932GT	107	31362GT	105
29633GT	41, 47, 49	29933GT	107	31363GT	105
29634GT	91	29938PGT	83	31365PGT	83, 105
29635GT	85, 89	29943GT	147	31368PGT	51, 65
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29643GT	143, 147	29949PGT	83	31372PGT	85
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29764GT	129	30286GT	129	31379GT	69
29792GT	13, 19	30346GT	81	31380PGT	73
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29794GT	13, 19	30444GT	23	31382GT	109, 113, 117
29796GT	11, 17	30490GT	81	31383GT	109, 113, 117
29798GT	11, 17	31029GT	83	31387GT	47
29799GT	11, 17	31040PGT	61, 73	31391PGT	61, 73
29800GT	11, 17	31046GT	103	31392GT	47
29801GT	11, 17	31049GT	59, 71	31393GT	111, 115
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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.