A TEREX BRAND

Parts Manual

Serial Number Range

Z-45/25
Z-45/25J
IC Power

from SN Z452513A-47001 to Z452513A-48935

Part No. 219417GT
Rev: B.04
June 2024

Technical Publications

Genie has endeavored to deliver the highest degree of accuracy possible. However, continuous improvement of our products is a Genie policy. Therefore, product specifications are subject to change without notice.

Readers are encouraged to notify Genie of errors and send in suggestions for improvement. All communications will be carefully considered for future printings of this and all other manuals.

Contact Us:

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

Find a Manual for this Model

Go to http://www.genielift.com

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

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Sixth Edition, Second Printing

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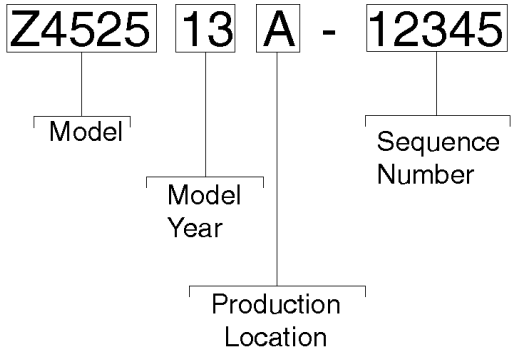
A TEREX COMPANY

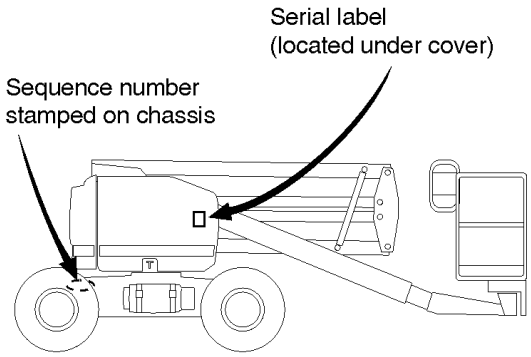
A TEREX BRAND

Model: Z45/25
Serial number: Z452513A-12345
Model year: 2013 **Manufacture date:** 10/10/13
Electrical schematic number: ESxxx
Machine unladen weight:

Rated work load (including occupants): 500 lb / 227 kg
Maximum number of platfrm occupants: 2
Maximum allowable side force : 150 lb / 670 N
Maximum allowable inclination of the chassis:
0 deg
Maximum wind speed : 28 mph/ 12.5 m/s
Maximum platform height : 45 ft 6 in/ 38.8 m
Maximum platform reach : 25 ft 3 in/ 7.7 m
Gradeability: N/A
Country of manufacture: USA
This machine complies with:
ANSI A92.5
CAN B.354.4

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





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-45/25 and Z-45/25J Service Manual.

All Models:

Description	Part No.
Plug and Cap Kit (for ORFS Fittings	49613
Hydrauilc Tank Filter Element Kit	77353
High and Medium Pressure Filter Element	60857
Wheel Lug Nuts	54627
Lithium Based Grease	(source locally)
Dielectric Grease	66399
Drive Hub Oil (refer to service manual)	(source locally)
Safety Chock	36555

Perkins 404D-22 Models:

Description	Part No.
Air Filter Element	62420
Fuel/water Separator Element	62433
Engine Oil Filter	94762
V-belt	89765
Fuel Filter	72346

Deutz D2011L03i Models:

Description	Part No.
Air Filter	27916
Fuel/water Separator Element	29560
Engine Oil Filter	49924
V-belt	32698

Ford MSG-425 EFI Models:

Description	Part No.
Fuel Pre-Filter	52761
Engine Oil Filter	215292
Air Filter Element	77295
Fan Belt	215274
PCV Valve	119474
Spark Plug	215287

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
Plug and Cap Kit (for ORFS fittings)	49613

Genie also offers the following support documents:

EMI Safety Manual	27581
Manual of Responsibilities ANSI A92.5	31779

TEREX CORPORATION

Service Parts Fax Order Form

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

Please fill out completely

Date _____ Account Number _____

Your Name _____ Your Fax Number _____

_____ Your Phone Number _____

Bill To _____ Ship To _____

_____ _____

_____ _____

_____ _____

Purchase Order Number _____ Ship Via _____

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

Optional Equipment _____

Part Number	Description	Quantity	Price

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

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

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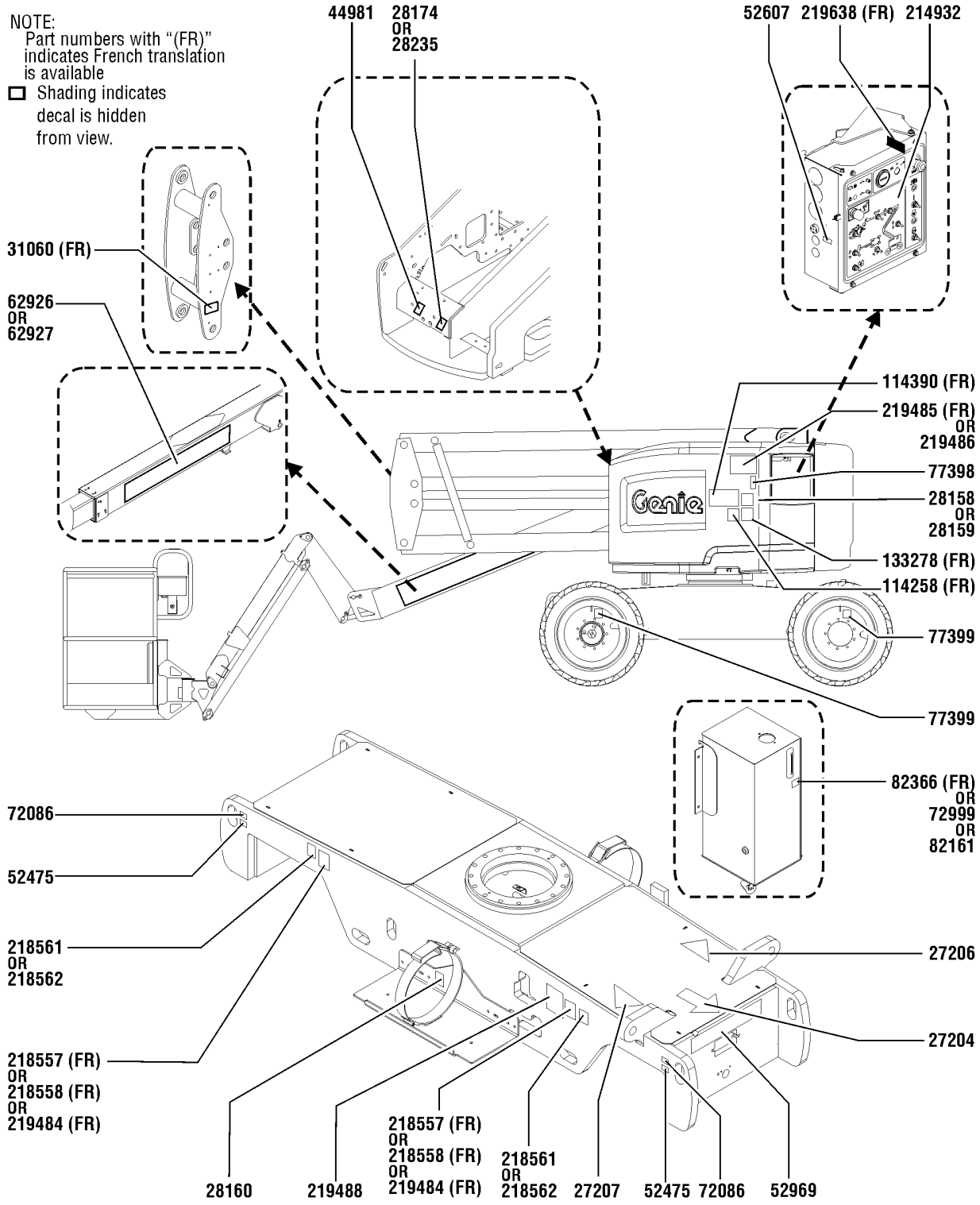
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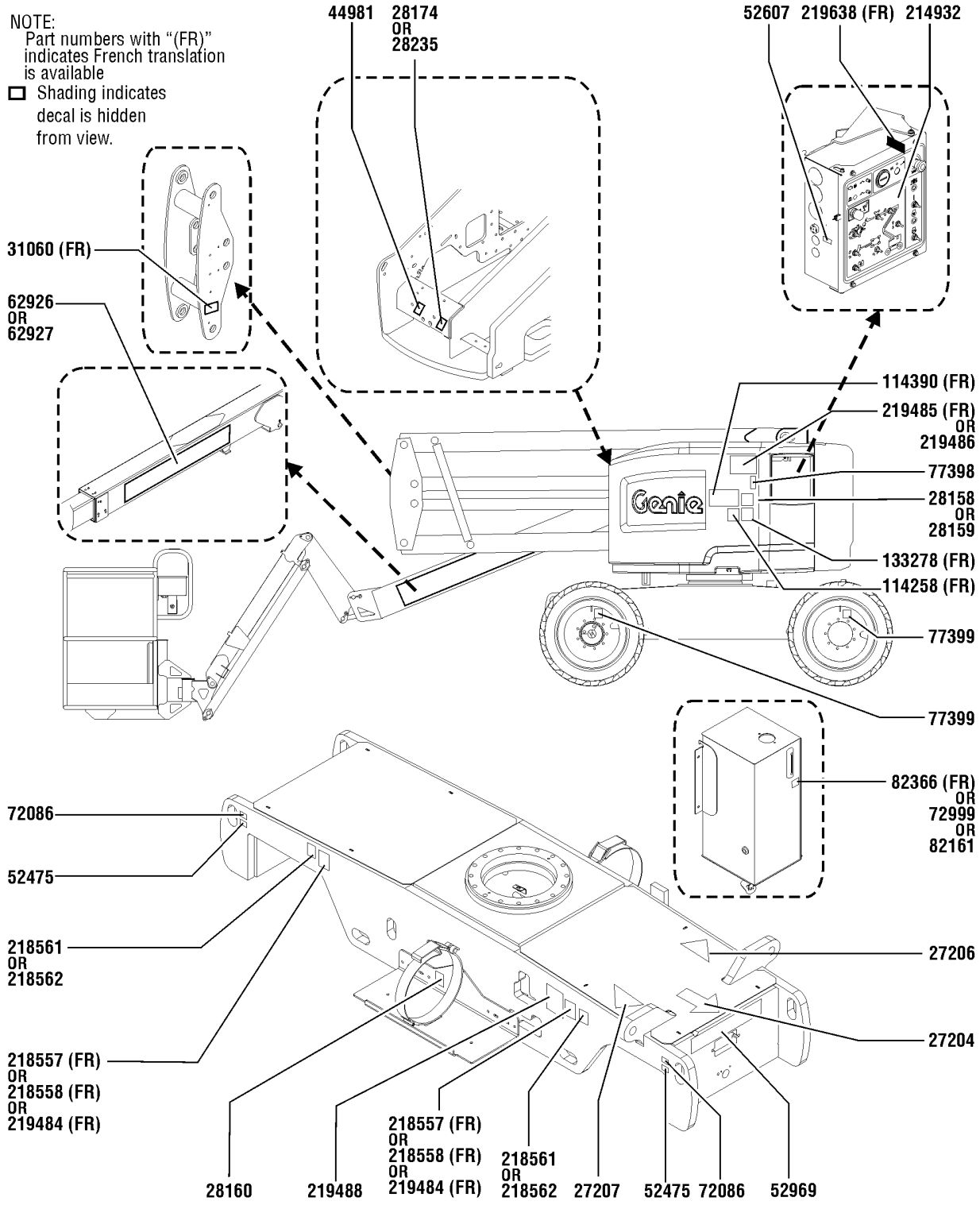
101.1 Decals with Words, Hydraulic Tank Side, Z-45/25J



101.1 Decals with Words, Hydraulic Tank Side, Z-45/25J

Item	Part No.	Description	Qty.
A	826422GT	DECAL KIT,Z45 COMP,WRD,USA Complete Decal Kit, ANSI (from SN A-47001)	
B	160757GT	DECAL KIT,Z45 PLT,WRD,ANSI/CSA Platform Decal Kit, USA/CSA (from SN A-47001)	
C	826418GT	DECAL KIT,Z45 COMP,WRD,CSA Complete Decal Kit, CSA (from SN A-47001)	
D	160759GT	DECAL KIT,Z45 COMP,WRD,AUS Complete Decal Kit, AUS (from SN A-47001) (from B-1201)	
E	160762GT	DECAL KIT,Z45&Z51 PLAT,WRD,AUS Platform Decal Kit, AUS (from SN A-47001) (from B-1201)	
1	27204GT	DECAL,ARROW BLUE	1
2	27206GT	DECAL,TRIANGLE,BLUE	1
3	27207GT	DECAL,TRIANGLE,YELLOW	1
4	28158GT	DECAL,LABEL,UNLEADED GAS ONLY (Gasoline models)	1
5	28159GT	DECAL,DIESEL (Diesel models)	1
6	28160GT	DECAL,LABEL,LIQUID PROPANE	1
7	28174GT	DECAL,POWER TO PLATFORM 230V	1
8	28235GT	DECAL,POWER TO PLATFORM 115V	1
9	31060GT	DECAL,DANGER DO NOT ALTER SWTC	1
10	44981GT	DECAL,LABEL,AIRLINE 110 PSI (option)	1
11	52475GT	DECAL,LABEL,TRANSPORT TIEDOWN*	2
12	52607GT	DECAL,LABEL,TEST***	1
13	52969GT	DECAL,COSMETIC,GENIE BOOM,HORZ	1
14	62926GT	DECAL,COSMETIC,GENIE Z-45/25J (Z-45/25J)	1
16	72086GT	DECAL,LABEL,LIFTING EYE	2
17	72999GT	DECAL,LABEL,PETRO CANADA***	1
18	77398GT	DECAL,TIRE SEALANT,3.25 X 7.5	1
19	77399GT	DECAL,TIRE SEALANT,1.5 X 1.5	2
20	82161GT	DECAL,LABEL,UCON HYDROLUBE	1
21	82366GT	DECAL,CHEVRON RANDO HD	1
22	114258GT	DECAL,DANGER,NO SMOKING	1
23	114390GT	DECAL,DANGER,ELECT HAZARD***	1
24	133278GT	DECAL,LOW/ULTRA LOW SULFR FUEL (Diesel models)	1

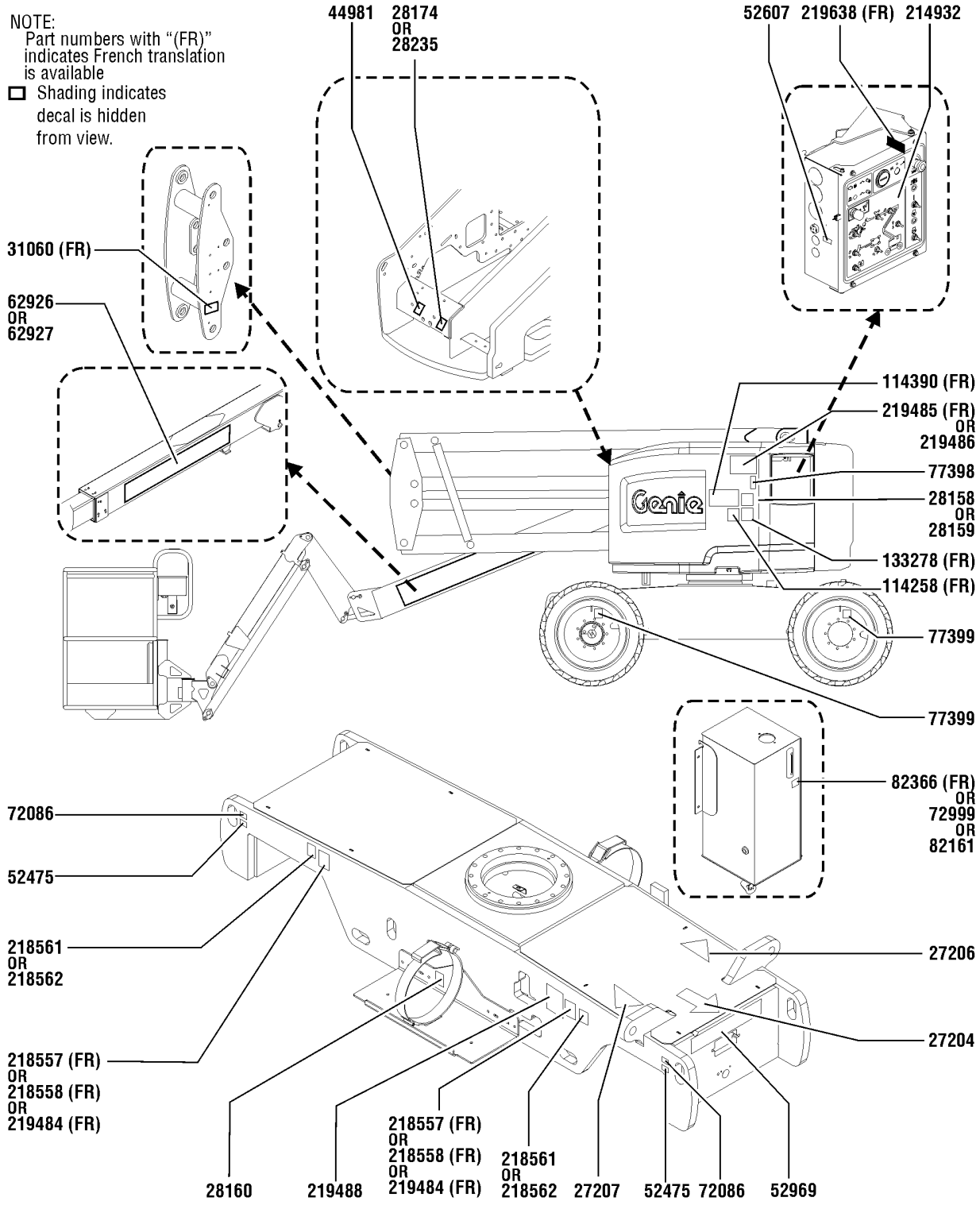
101.1 Decals with Words, Hydraulic Tank Side, Z-45/25J



101.1 Decals with Words, Hydraulic Tank Side, Z-45/25J

Item	Part No.	Description	Qty.
25	214932GT	DECAL,GROUND CONTROL PANEL	1
26	218557GT	DECAL,DANGER,TIPOVER,AIR TIRES (Z-45/25 and Z-45/25J	2
27	218558GT	DECAL,DANGER,TIPOVER,HF TIRES (models with high floatation tires)	2
29	218562GT	DECAL,WHEEL LOAD,Z45/25J RT (Z-45/25J)	2
30	219484GT	DECAL,DANGER,TIP,FOAM TIRES Z-45/25J (models with aircraft protection or pipe cradle option)	2
31	219485GT	DECAL,OPER INST, GROUND CONT (ANSI models)	1
32	219486GT	DECAL,OP INST,GROUND,AUS (AUS models)	1
33	219488GT	DECAL,TRANSPORT/LIFT DIAGRAM	1
34	219638GT	DECAL,LABEL,RELAYS,Z45IC,Z51	1

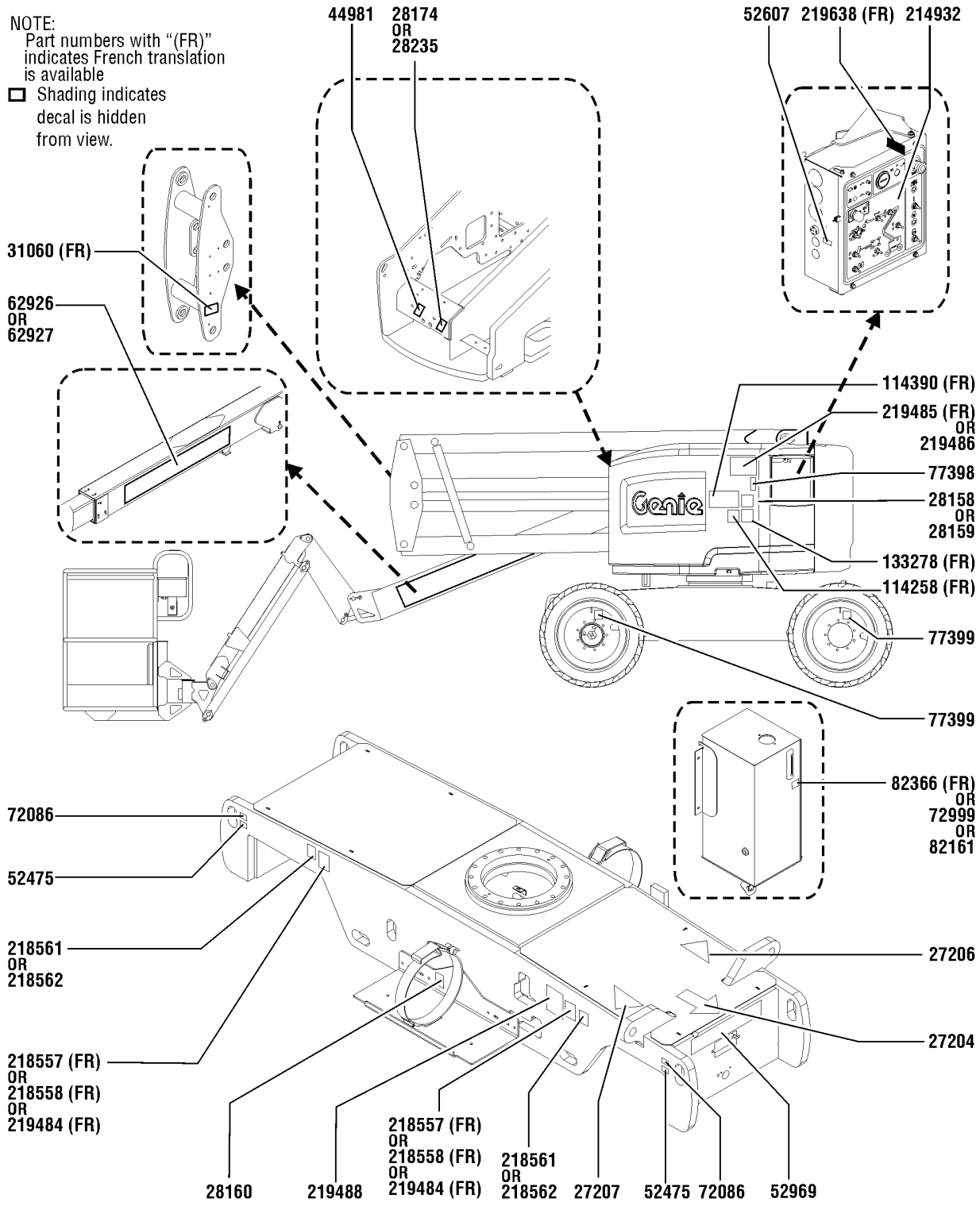
101.2 Decals with Words, Hydraulic Tank Side, Z-45/25



101.2 Decals with Words, Hydraulic Tank Side, Z-45/25

Item	Part No.	Description	Qty.
A	826422GT	DECAL KIT,Z45 COMP,WRD,USA Complete Decal Kit, ANSI (from SN A-47001)	
B	160757GT	DECAL KIT,Z45 PLT,WRD,ANSI/CSA Platform Decal Kit, USA/CSA (from SN A-47001)	
C	826418GT	DECAL KIT,Z45 COMP,WRD,CSA Complete Decal Kit, CSA (from SN A-47001)	
D	160759GT	DECAL KIT,Z45 COMP,WRD,AUS Complete Decal Kit, AUS (from SN A-47001) (from B-1201)	
E	160762GT	DECAL KIT,Z45&Z51 PLAT,WRD,AUS Platform Decal Kit, AUS (from SN A-47001) (from B-1201)	
1	27204GT	DECAL,ARROW BLUE	1
2	27206GT	DECAL,TRIANGLE,BLUE	1
3	27207GT	DECAL,TRIANGLE,YELLOW	1
4	28158GT	DECAL,LABEL,UNLEADED GAS ONLY (Gasoline models)	1
5	28159GT	DECAL,DIESEL (Diesel models)	1
6	28160GT	DECAL,LABEL,LIQUID PROPANE	1
7	28174GT	DECAL,POWER TO PLATFORM 230V	1
8	28235GT	DECAL,POWER TO PLATFORM 115V	1
9	31060GT	DECAL,DANGER DO NOT ALTER SWTC	1
10	44981GT	DECAL,LABEL,AIRLINE 110 PSI (option)	1
11	52475GT	DECAL,LABEL,TRANSPORT TIEDOWN*	2
12	52607GT	DECAL,LABEL,TEST***	1
13	52969GT	DECAL,COSMETIC,GENIE BOOM,HORZ	1
15	62927GT	DECAL,COSMETIC,GENIE Z-45/25 (Z-45/25)	1
16	72086GT	DECAL,LABEL,LIFTING EYE	2
17	72999GT	DECAL,LABEL,PETRO CANADA***	1
18	77398GT	DECAL,TIRE SEALANT,3.25 X 7.5	1
19	77399GT	DECAL,TIRE SEALANT,1.5 X 1.5	2
20	82161GT	DECAL,LABEL,UCON HYDROLUBE	1
21	82366GT	DECAL,CHEVRON RANDO HD	1
22	114258GT	DECAL,DANGER,NO SMOKING	1
23	114390GT	DECAL,DANGER,ELECT HAZARD***	1
24	133278GT	DECAL,LOW/ULTRA LOW SULFR FUEL (Diesel models)	1

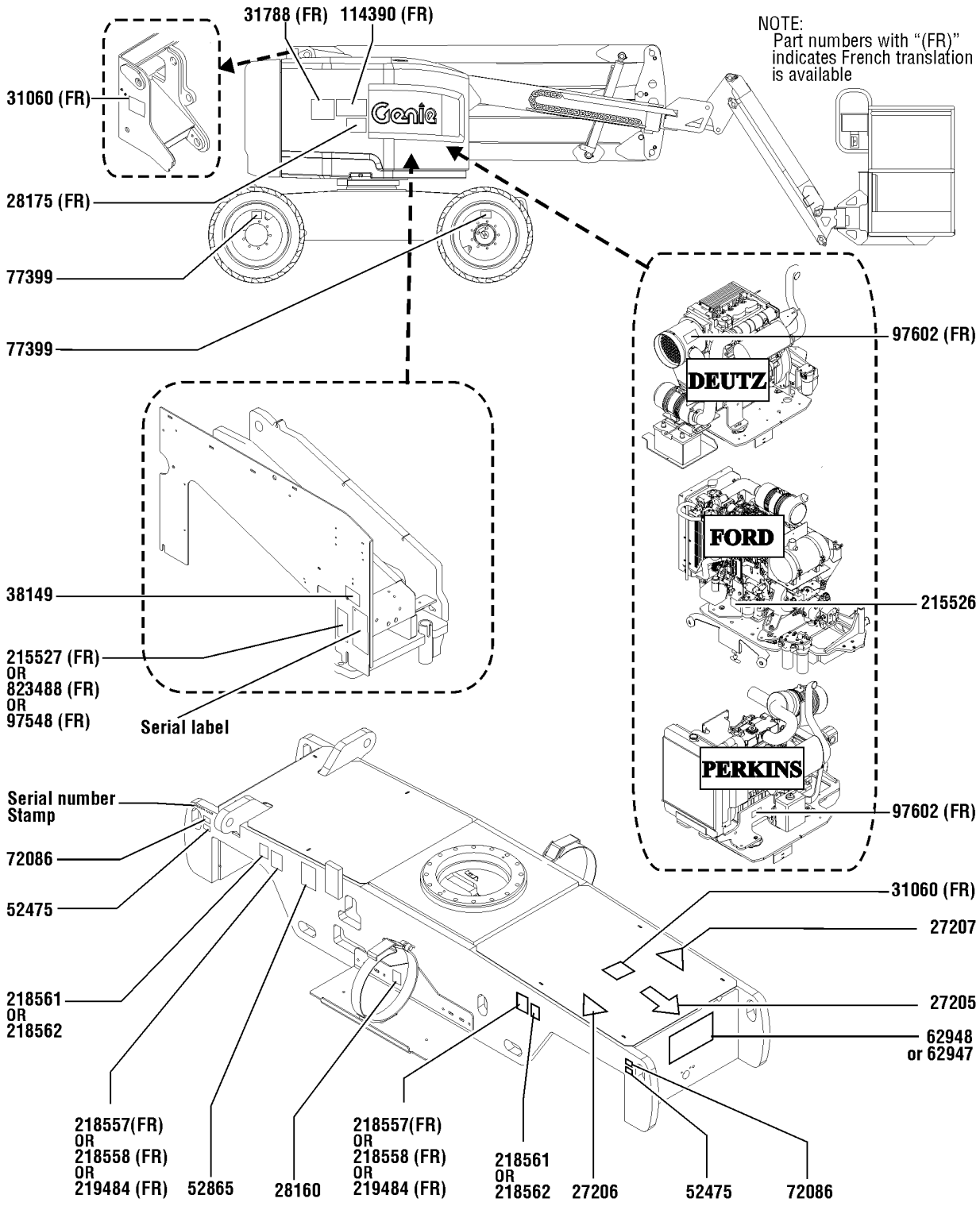
101.2 Decals with Words, Hydraulic Tank Side, Z-45/25



101.2 Decals with Words, Hydraulic Tank Side, Z-45/25

Item	Part No.	Description	Qty.
25	214932GT	DECAL,GROUND CONTROL PANEL	1
26	218557GT	DECAL,DANGER,TIPOVER,AIR TIRES (Z-45/25 and Z-45/25J)	2
27	218558GT	DECAL,DANGER,TIPOVER,HF TIRES (models with high floatation tires)	2
28	218561GT	DECAL,WHEEL LOAD,Z45/25 RT (Z-45/25)	2
31	219485GT	DECAL,OPER INST, GROUND CONT (ANSI models)	1
32	219486GT	DECAL,OP INST,GROUND,AUS (AUS models)	1
33	219488GT	DECAL,TRANSPORT/LIFT DIAGRAM	1
34	219638GT	DECAL,LABEL,RELAYS,Z45IC,Z51	1

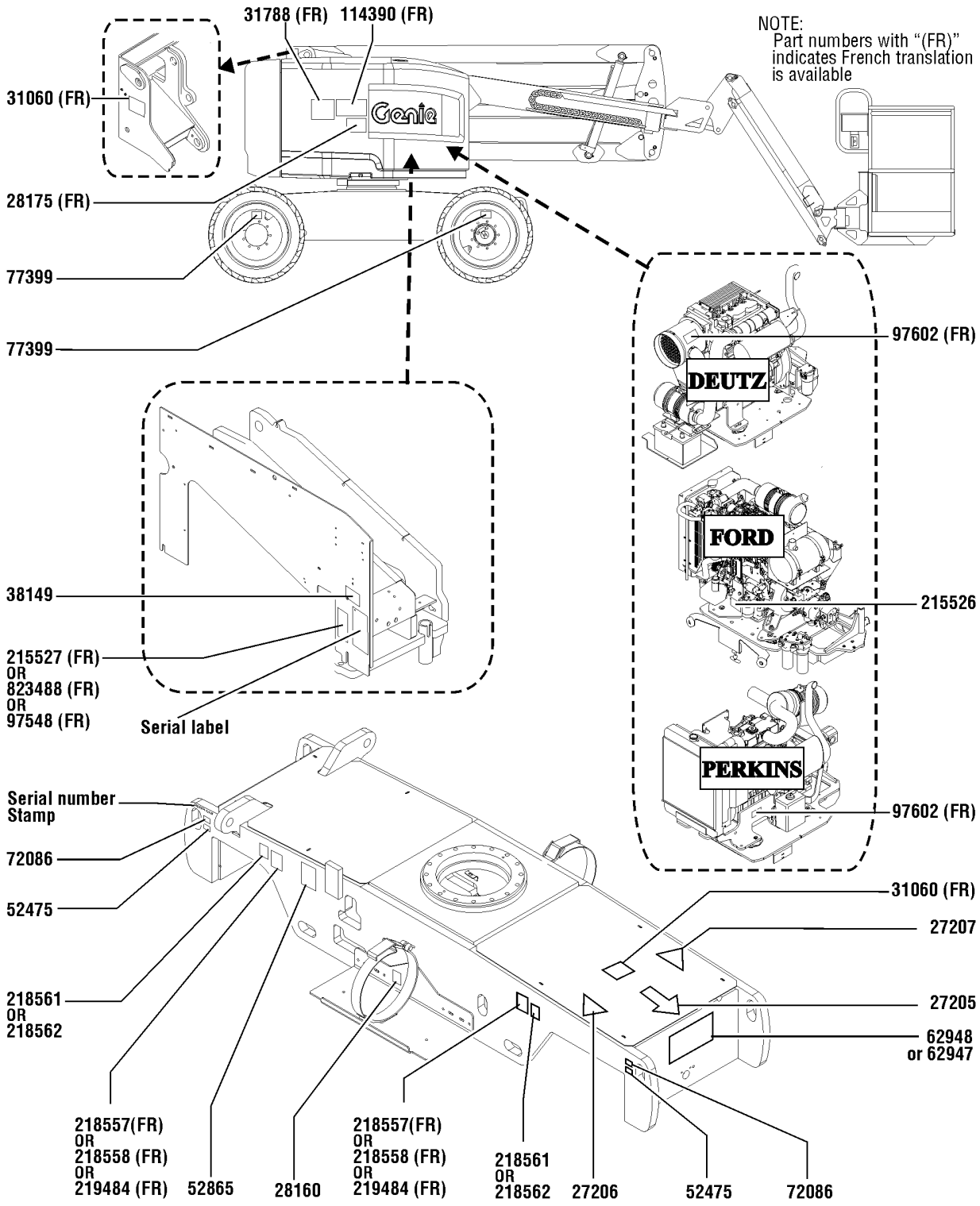
102.1 Decals with Words, Engine Side, Z-45/25J



102.1 Decals with Words, Engine Side, Z-45/25J

Item	Part No.	Description	Qty.
1		Ref. Word Decal Kits (refer to 101.1)	
2	27205GT	DECAL,ARROW YELLOW LRG 9"	1
3	27206GT	DECAL,TRIANGLE,BLUE	1
4	27207GT	DECAL,TRIANGLE,YELLOW	1
5	28160GT	DECAL,LABEL,LIQUID PROPANE	1
6	28175GT	DECAL,WARNING-COMPART ACCESS	1
7	31060GT	DECAL,DANGER DO NOT ALTER SWTC	1
8	38149GT	DECAL,LABEL,PATENTS	1
9	31788GT	DECAL,DANGER,BATTERY SAFETY***	
10	52475GT	DECAL,LABEL,TRANSPORT TIEDOWN*	2
11	52865GT	DECAL,ANNUAL INSP*** (ANSI only)	1
12	62947GT	DECAL,COSMETIC,IC POWER 4 X 2	1
13	62948GT	DECAL,COSMETIC,IC POWER 4 X 4	1
14	72086GT	DECAL,LABEL,LIFTING EYE	2
15	77399GT	DECAL,TIRE SEALANT,1.5 X 1.5	2
16	97548GT	DECAL,ENGINE SPEC,DEUTZ 2011	1
17	97602GT	DECAL,EXPLOSION HAZARD	2
18	114390GT	DECAL,DANGER,ELECT HAZARD***	1
19	215526GT	DECAL,LABEL,BELT,MSG425	1
20	215527GT	DECAL,FORD ENGINE SPEC MSG425	1
21	218557GT	DECAL,DANGER,TIPOVER,AIR TIRES (air filled tires)	2
22	218558GT	DECAL,DANGER,TIPOVER,HF TIRES (high floatation tires)	2
23	218562GT	DECAL,WHEEL LOAD,Z45/25J RT (Z-45/25J)	2
24	219484GT	DECAL,DANGER,TIP,FOAM TIRES (Z-45/25J models with air craft protection option, panel cradel option or AUS models)	2
25	823488GT	DECAL,ENGINE SPEC,PERKINS	1

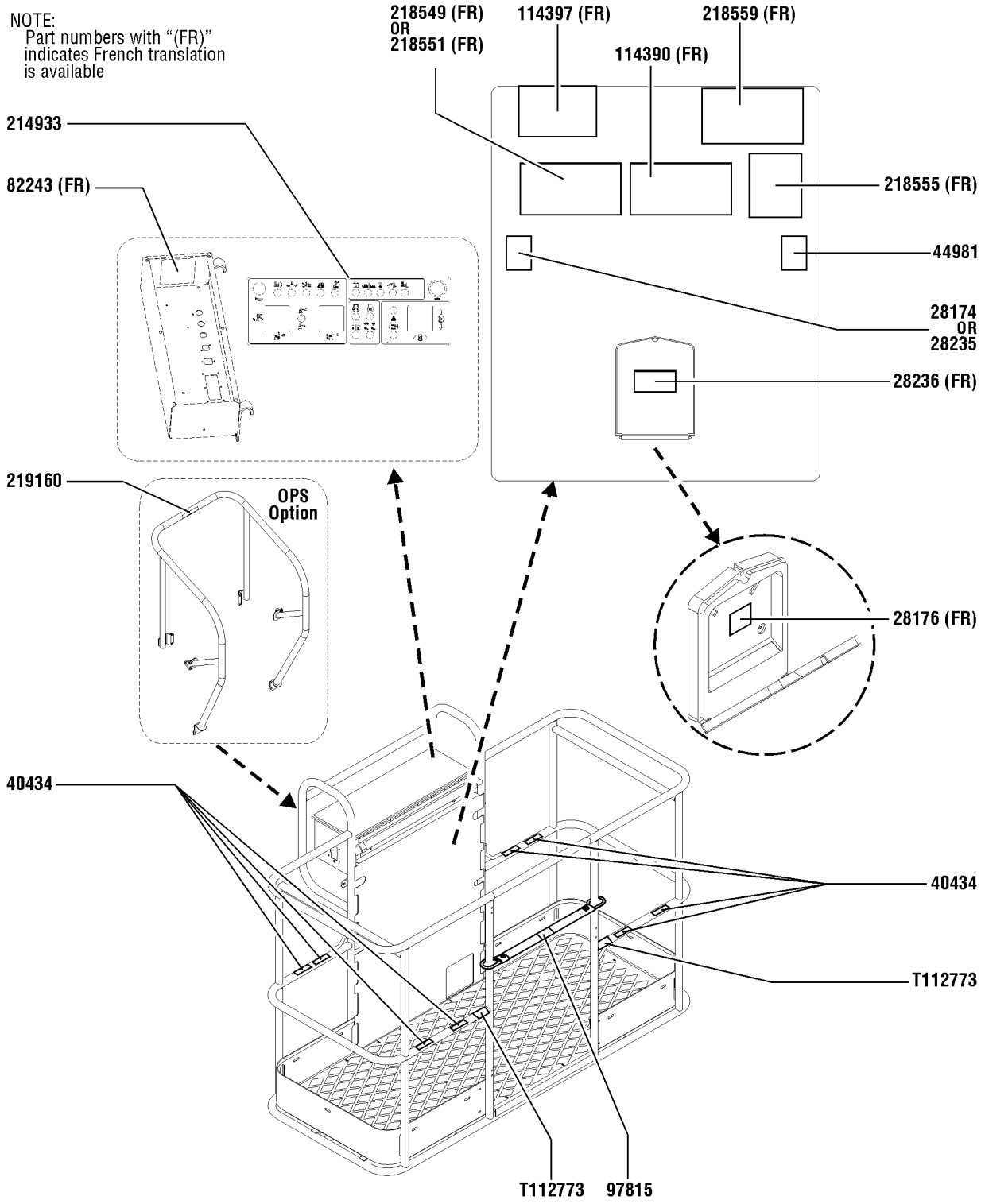
102.2 Decals with Words, Engine Side, Z-45/25



102.2 Decals with Words, Engine Side, Z-45/25

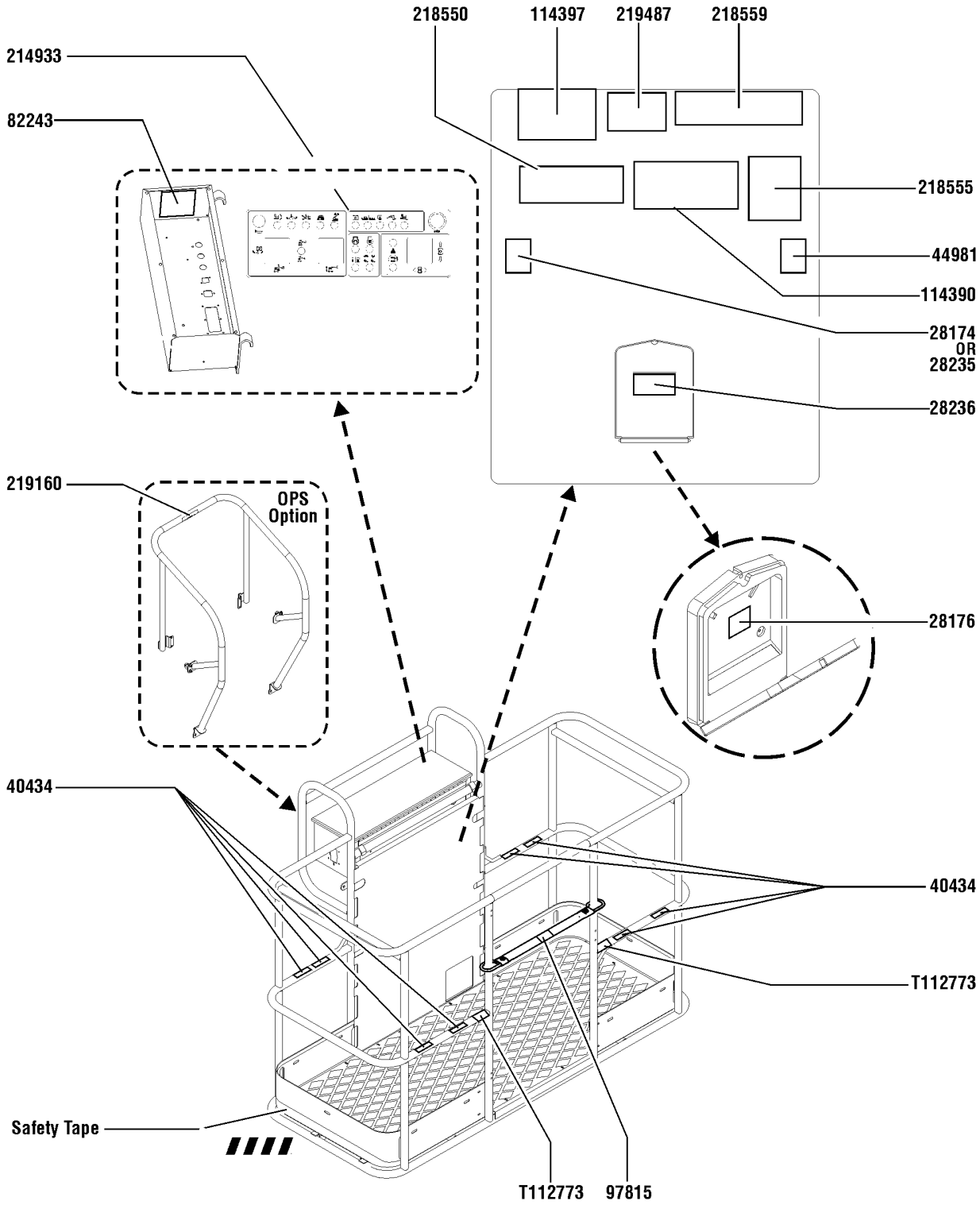
Item	Part No.	Description	Qty.
1		Ref. Word Decal Kits (refer to 101.1)	
2	27205GT	DECAL,ARROW YELLOW LRG 9"	1
3	27206GT	DECAL,TRIANGLE,BLUE	1
4	27207GT	DECAL,TRIANGLE,YELLOW	1
5	28160GT	DECAL,LABEL,LIQUID PROPANE	1
6	28175GT	DECAL,WARNING-COMPART ACCESS	1
7	31060GT	DECAL,DANGER DO NOT ALTER SWTC	1
8	31788GT	DECAL,DANGER,BATTERY SAFETY***	1
9	38149GT	DECAL,LABEL,PATENTS	1
10	52475GT	DECAL,LABEL,TRANSPORT TIEDOWN*	2
11	52865GT	DECAL,ANNUAL INSP*** (ANSI only)	1
12	62947GT	DECAL,COSMETIC,IC POWER 4 X 2	1
13	62948GT	DECAL,COSMETIC,IC POWER 4 X 4	1
14	72086GT	DECAL,LABEL,LIFTING EYE	2
15	77399GT	DECAL,TIRE SEALANT,1.5 X 1.5	2
16	97548GT	DECAL,ENGINE SPEC,DEUTZ 2011	1
17	97602GT	DECAL,EXPLOSION HAZARD	2
18	114390GT	DECAL,DANGER,ELECT HAZARD***	1
19	215526GT	DECAL,LABEL,BELT,MSG425	1
20	215527GT	DECAL,FORD ENGINE SPEC MSG425	1
21	218557GT	DECAL,DANGER,TIPOVER,AIR TIRES (air filled tires)	2
22	218558GT	DECAL,DANGER,TIPOVER,HF TIRES (high floatation tires)	2
23	218561GT	DECAL,WHEEL LOAD,Z45/25 RT (Z-45/25)	2
24	219484GT	DECAL,DANGER,TIP,FOAM TIRES	
25	823488GT	DECAL,ENGINE SPEC,PERKINS	1

103.1 Decals with Words, Platform, ANSI & CSA



Item	Part No.	Description	Qty.
1		Ref. Word Decal Kits (refer to 101.1)	
2	28174GT	DECAL,POWER TO PLATFORM 230V	1
3	28176GT	DECAL,LABEL,MANUAL NOT HERE	1
4	28235GT	DECAL,POWER TO PLATFORM 115V	1
5	28236GT	DECAL,WARN,IMPROPER OPERATION	1
6	40434GT	DECAL,LANYARD ANCHORAGE POINT	8
7	44981GT	DECAL,LABEL,AIRLINE 110 PSI (option)	1
8	82243GT	DECAL FAULT CODE	1
9	97815GT	DECAL,LABEL,LOWER MIDRAIL	1
10	114390GT	DECAL,DANGER,ELECT HAZARD***	1
11	114397GT	DECAL,DANGER,TILT ALARM	1
12	214933GT	DECAL,PLATFORM CONTROL PANEL models with round hourmeter	1
13	218549GT	DECAL,DANGER,CAP,ANSI WORD (ANSI models)	1
14	218551GT	DECAL,DANGER,CAP,ANSI WORD 440 (ANSI models with air craft protection option)	1
15	218555GT	DECAL,WARNING,RUNAWAY MACHINE	1
16	218559GT	DECAL,DANGER/WARNING COMBO	1
17	219160GT	DECAL, INSTRUCTION, OPS option	1
18	T112773GT	TAPE, PROTECTIVE MASK	2

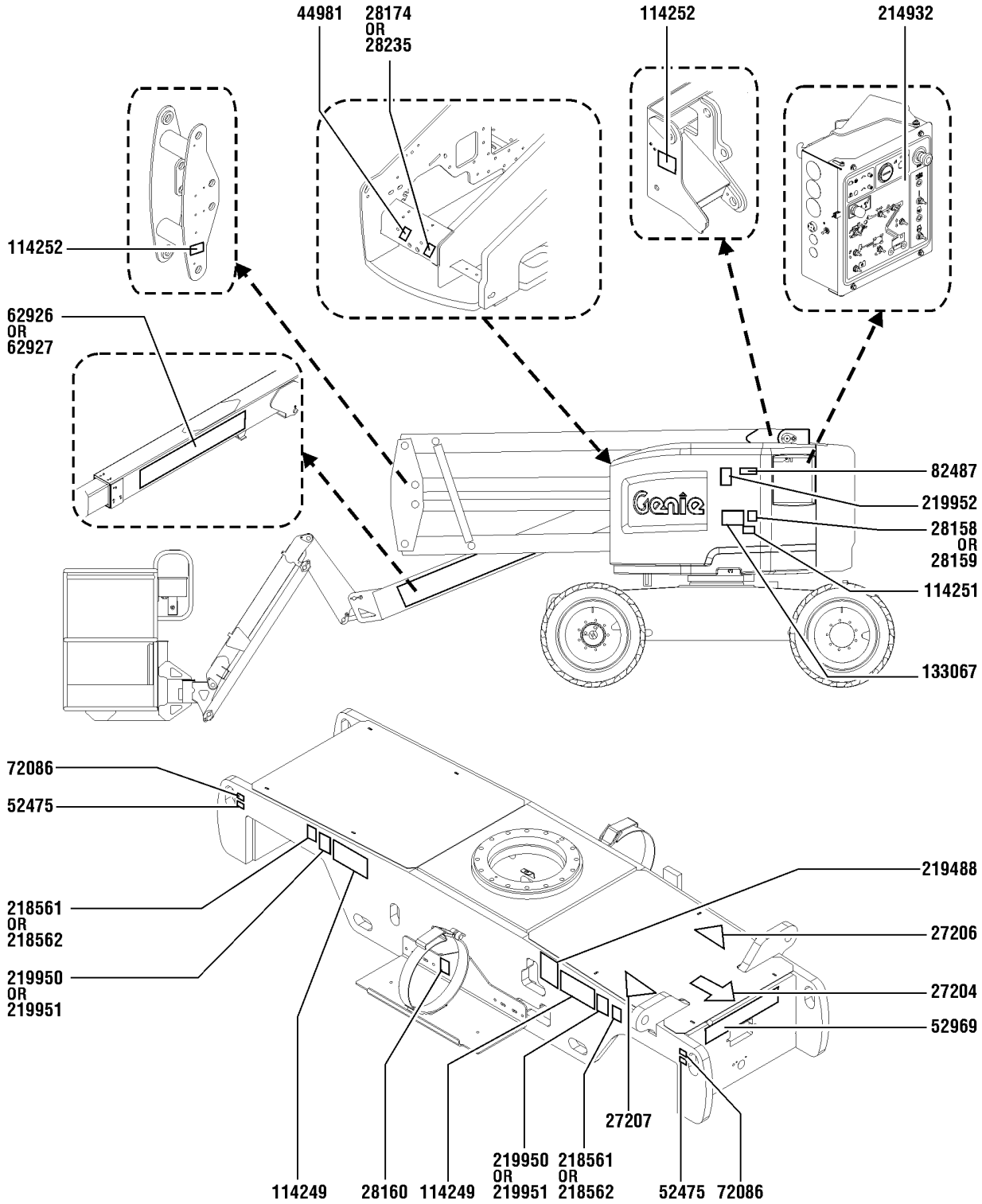
104.1 Decals with Words, Platform, AUS



104.1 Decals with Words, Platform, AUS

Item	Part No.	Description	Qty.
A-		Ref. Word Decal Kits (refer to 101.1)	
1	28174GT	DECAL,POWER TO PLATFORM 230V	1
2	28176GT	DECAL,LABEL,MANUAL NOT HERE	1
3	28235GT	DECAL,POWER TO PLATFORM 115V	1
4	28236GT	DECAL,WARN,IMPROPER OPERATION	1
5	40434GT	DECAL,LANYARD ANCHORAGE POINT	8
6	44981GT	DECAL,LABEL,AIRLINE 110 PSI (option)	1
7	82243GT	DECAL FAULT CODE	1
8	97815GT	DECAL,LABEL,LOWER MIDRAIL	1
9	114390GT	DECAL,DANGER,ELECT HAZARD***	
10	114397GT	DECAL,DANGER,TILT ALARM	1
11	214933GT	DECAL,PLATFORM CONTROL PANEL models with round hourmeter	1
12	218550GT	DECAL,DANGER,CAP,AUS WORD (AUS only)	1
13	218555GT	DECAL,WARNING,RUNAWAY MACHINE	1
14	218559GT	DECAL,DANGER/WARNING COMBO	1
15	219160GT	DECAL, INSTRUCTION, OPS option	1
16	219487GT	DECAL,PLATFORM OVERLOAD (AUS only)	1
17	T112773GT	TAPE, PROTECTIVE MASK	2

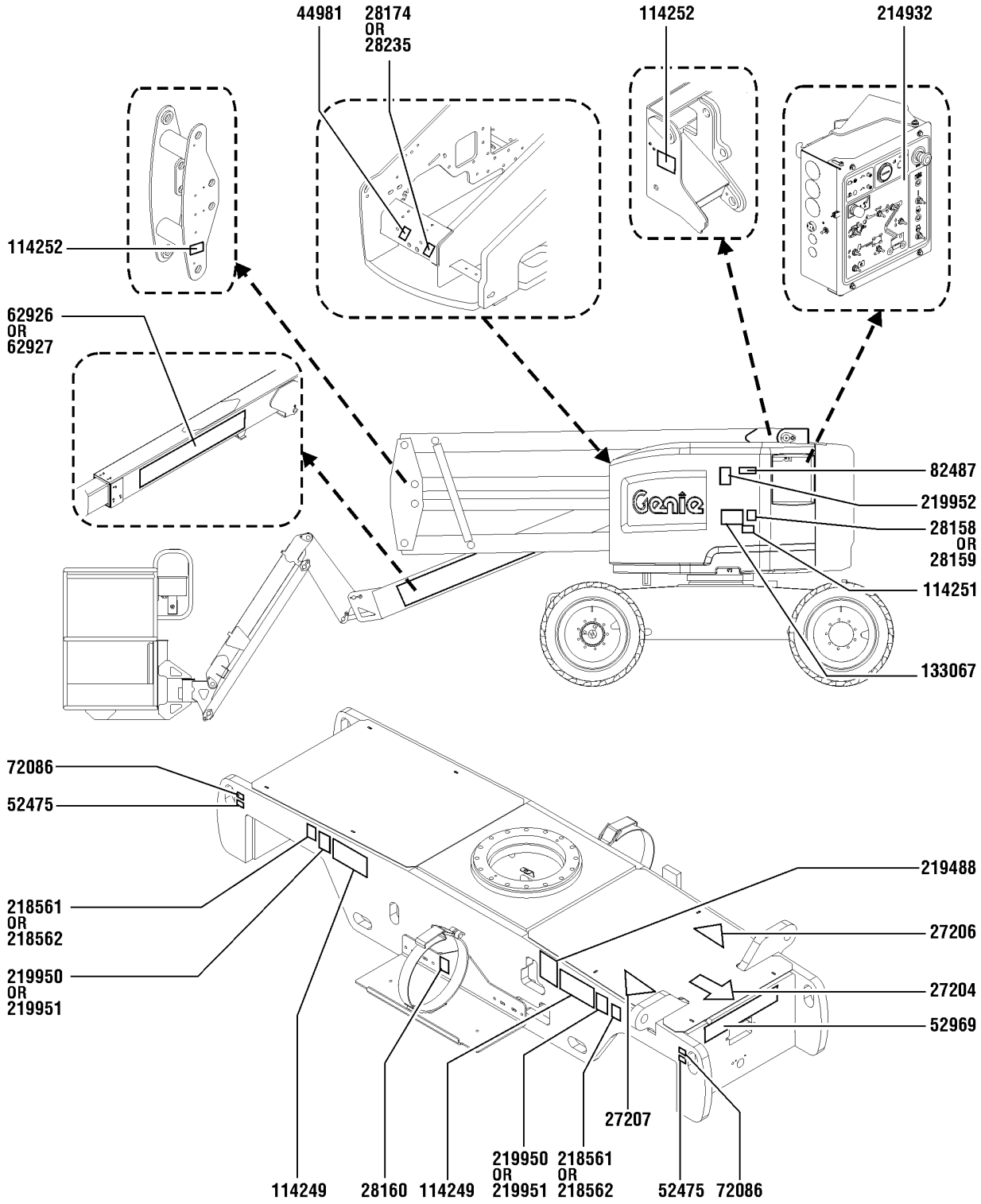
105.1 Decals with Symbols, Hydraulic Tank Side, Z-45/25J



105.1 Decals with Symbols, Hydraulic Tank Side, Z-45/25J

Item	Part No.	Description	Qty.
A	160764GT	DECAL KIT,Z45 COMP,SYM,ANSI Complete Decal Kit, ANSI (from SN A-47001)	
B	160766GT	DECAL KIT,Z45 PLAT,SYM,ANSI Platform Decal Kit, ANSI (from SN A-47001)	
C	160768GT	DECAL KIT,Z45 COMP,SYM,CE Complete Decal Kit, CE (from SN A-47001) (from B-1201)	
D	160770GT	DECAL KIT,Z45&Z51 PLAT,SYM,CE Platform Decal Kit, CE (from SN A-47001) (from B-1201)	
1	27204GT	DECAL,ARROW BLUE	1
2	27206GT	DECAL,TRIANGLE,BLUE	1
3	27207GT	DECAL,TRIANGLE,YELLOW	1
4	28158GT	DECAL,LABEL,UNLEADED GAS ONLY (Gas models)	1
5	28159GT	DECAL,DIESEL (Diesel models)	1
6	28160GT	DECAL,LABEL,LIQUID PROPANE	1
7	28174GT	DECAL,POWER TO PLATFORM 230V	1
8	28235GT	DECAL,POWER TO PLATFORM 115V	1
9	44981GT	DECAL,LABEL,AIRLINE 110 PSI (option)	1
10	52475GT	DECAL,LABEL,TRANSPORT TIEDOWN*	2
11	52969GT	DECAL,COSMETIC,GENIE BOOM,HORZ	1
12	62926GT	DECAL,COSMETIC,GENIE Z-45/25J (Z-45/25J)	1
14	72086GT	DECAL,LABEL,LIFTING EYE	2
15	82487GT	DECAL,SYMBOL-READ THE MANUAL	1
16	114249GT	DECAL,LABEL,TIPOVER,TIRES,SYMB	2
17	114251GT	DECAL,LABEL,NO SMOKING,SYMB	1
18	114252GT	DECAL,LABEL,TIP OVER LMT SWTCH	3
19	133067GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	1
20	214932GT	DECAL,GROUND CONTROL PANEL	1
22	218562GT	DECAL,WHEEL LOAD,Z45/25J RT (Z-45/25J)	2
23	219488GT	DECAL,TRANSPORT/LIFT DIAGRAM	1
24	219950GT	DECAL,TIRE PRESSURE,RT (air filled tires)	2
25	219951GT	DECAL,TIRE PRESSURE,HIGH FLOAT (high floatation tires)	2
26	219952GT	DECAL,EMERGENCY LOWERING	1

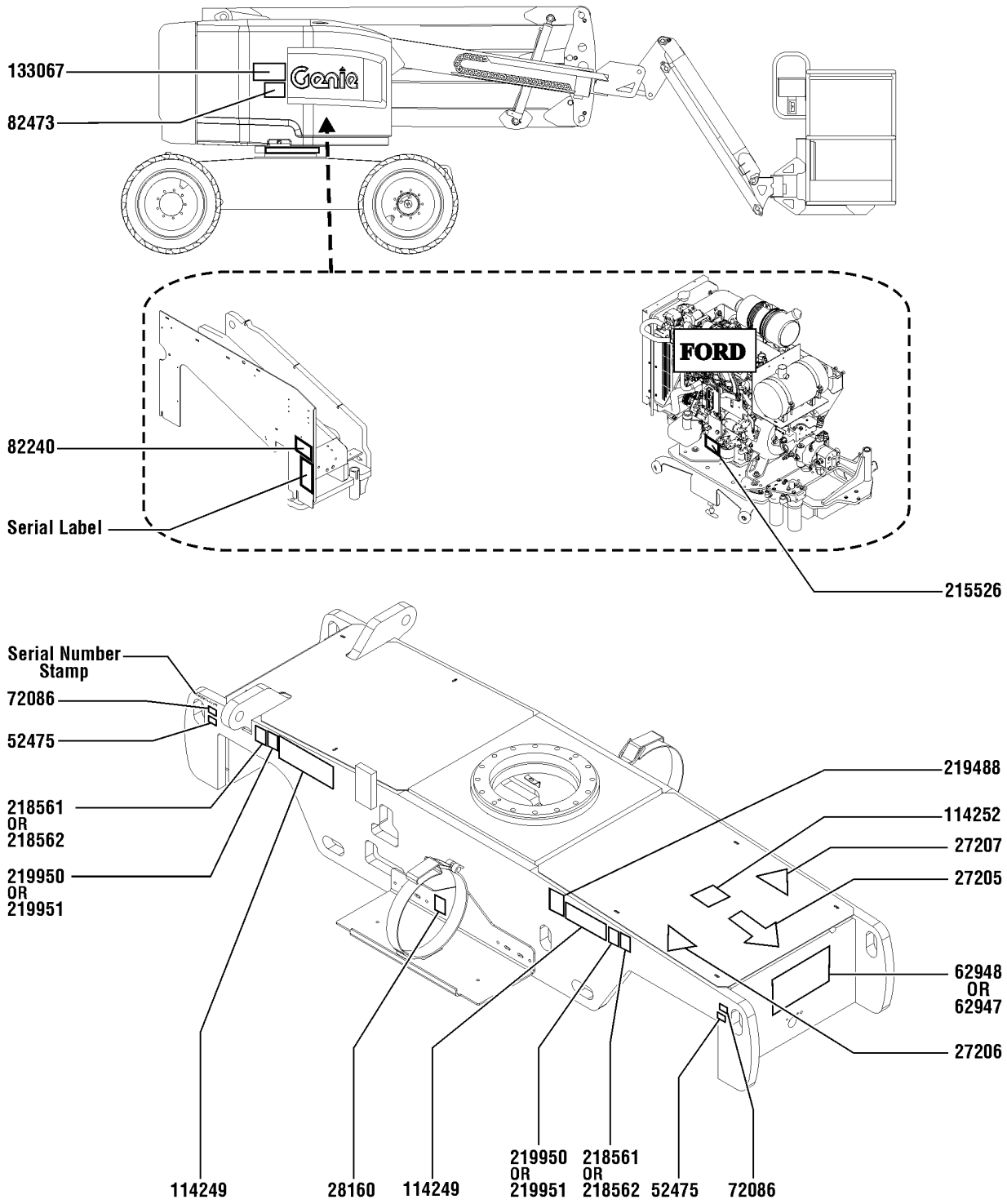
105.2 Decals with Symbols, Hydraulic Tank Side, Z-45/25



105.2 Decals with Symbols, Hydraulic Tank Side, Z-45/25

Item	Part No.	Description	Qty.
1	27204GT	DECAL,ARROW BLUE	1
2	27206GT	DECAL,TRIANGLE,BLUE	1
3	27207GT	DECAL,TRIANGLE,YELLOW	1
4	28158GT	DECAL,LABEL,UNLEADED GAS ONLY (Gas models)	1
5	28159GT	DECAL,DIESEL (Diesel models)	1
6	28160GT	DECAL,LABEL,LIQUID PROPANE	1
7	28174GT	DECAL,POWER TO PLATFORM 230V	1
8	28235GT	DECAL,POWER TO PLATFORM 115V	1
9	44981GT	DECAL,LABEL,AIRLINE 110 PSI (option)	1
10	52475GT	DECAL,LABEL,TRANSPORT TIEDOWN*	2
11	52969GT	DECAL,COSMETIC,GENIE BOOM,HORZ	1
13	62927GT	DECAL,COSMETIC,GENIE Z-45/25 (Z-45/25)	1
14	72086GT	DECAL,LABEL,LIFTING EYE	2
15	82487GT	DECAL,SYMBOL-READ THE MANUAL	1
16	114249GT	DECAL,LABEL,TIPOVER,TIRES,SYMB	2
17	114251GT	DECAL,LABEL,NO SMOKING,SYMB	1
18	114252GT	DECAL,LABEL,TIP OVER LMT SWTCH	3
19	133067GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	1
20	214932GT	DECAL,GROUND CONTROL PANEL	1
21	218561GT	DECAL,WHEEL LOAD,Z45/25 RT (Z-45/25)	2
23	219488GT	DECAL,TRANSPORT/LIFT DIAGRAM	1
24	219950GT	DECAL,TIRE PRESSURE,RT (air filled tires)	2
25	219951GT	DECAL,TIRE PRESSURE,HIGH FLOAT (high floatation tires)	2
26	219952GT	DECAL,EMERGENCY LOWERING	1

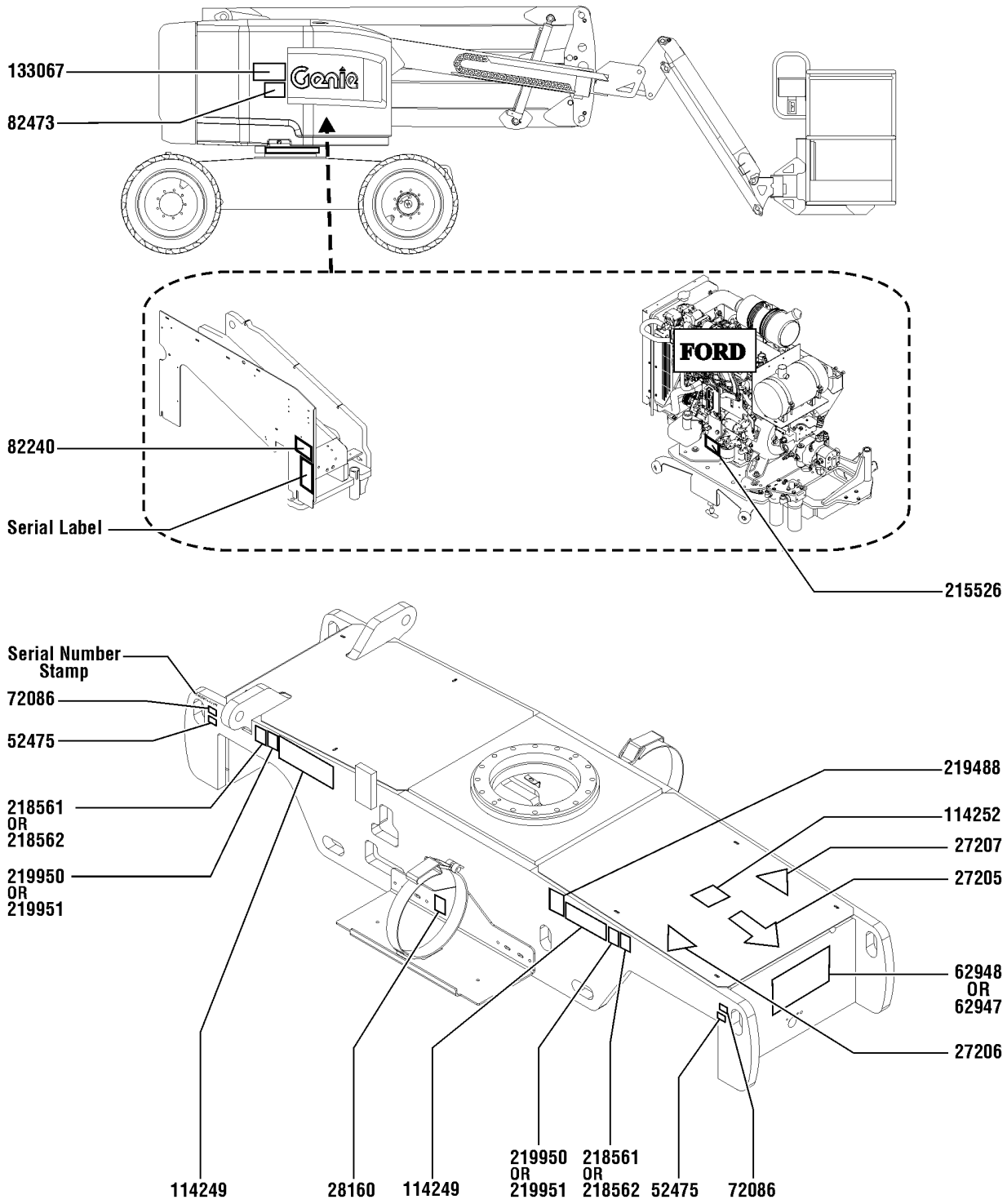
106.1 Decals with Symbols, Engine Side, Z-45/25J



106.1 Decals with Symbols, Engine Side, Z-45/25J

Item	Part No.	Description	Qty.
A-		Ref. Symbol Decal Kits (refer to 105.1)	
1	27205GT	DECAL,ARROW YELLOW LRG 9"	1
2	27206GT	DECAL,TRIANGLE,BLUE	1
3	27207GT	DECAL,TRIANGLE,YELLOW	1
4	28160GT	DECAL,LABEL,LIQUID PROPANE	1
5	52475GT	DECAL,LABEL,TRANSPORT TIEDOWN*	2
6	62947GT	DECAL,COSMETIC,IC POWER 4 X 2	1
7	62948GT	DECAL,COSMETIC,IC POWER 4 X 4	1
8	72086GT	DECAL,LABEL,LIFTING EYE	2
9	82240GT	DECAL,LABEL,105 DB (CE only)	1
10	82473GT	DECAL,SYMBOL-COMP ACCESS	1
11	114249GT	DECAL,LABEL,TIPOVER,TIRES,SYMB	2
12	114252GT	DECAL,LABEL,TIP OVER LMT SWTCH	1
13	133067GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	1
14	215526GT	DECAL,LABEL,BELT,MSG425	1
16	218562GT	DECAL,WHEEL LOAD,Z45/25J RT (Z-45/25J)	2
17	219488GT	DECAL,TRANSPORT/LIFT DIAGRAM	1
18	219950GT	DECAL,TIRE PRESSURE,RT (air filled tires)	2
19	219951GT	DECAL,TIRE PRESSURE,HIGH FLOAT (high floatation tires)	2

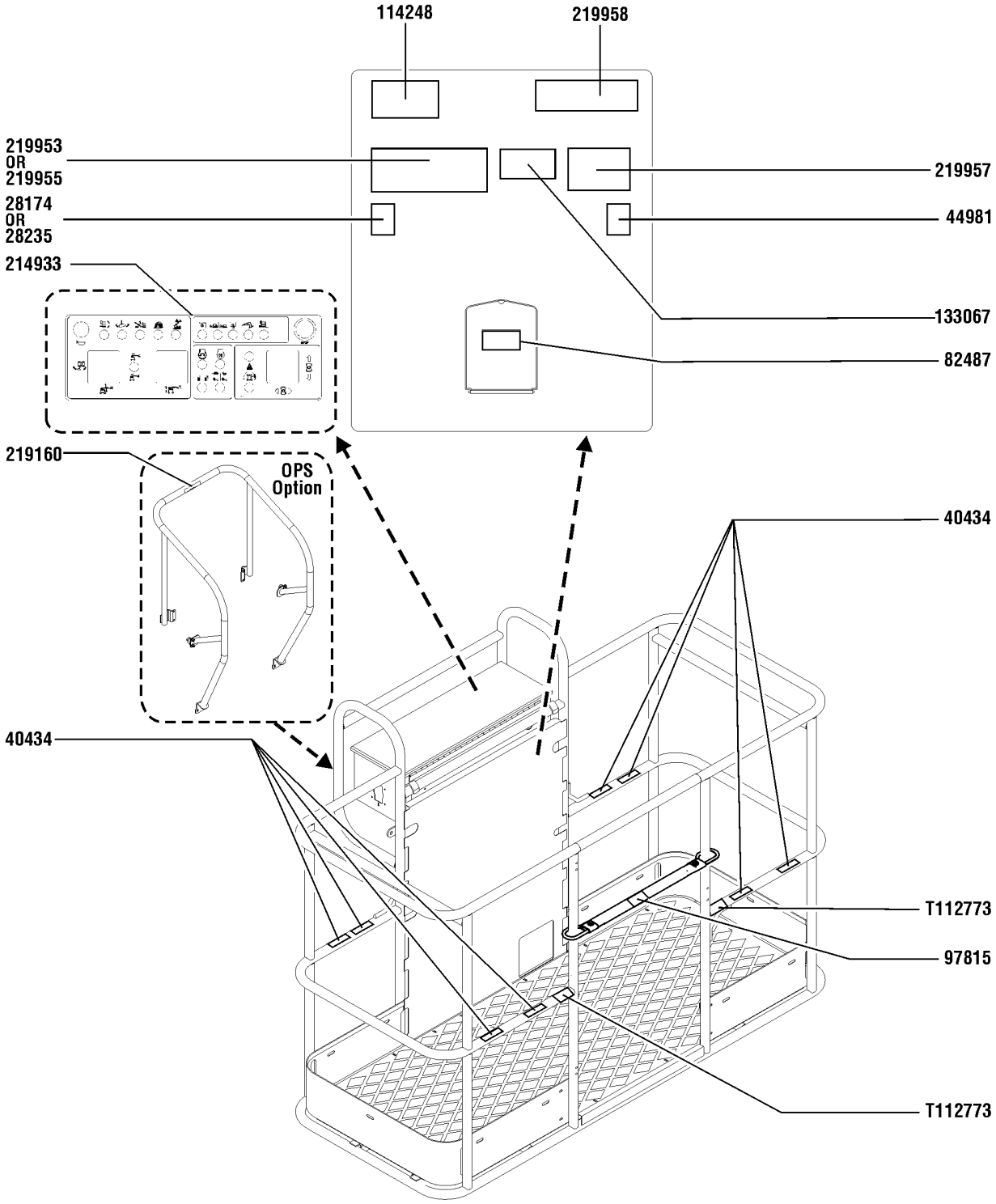
106.2 Decals with Symbols, Engine Side, Z-45/25



106.2 Decals with Symbols, Engine Side, Z-45/25

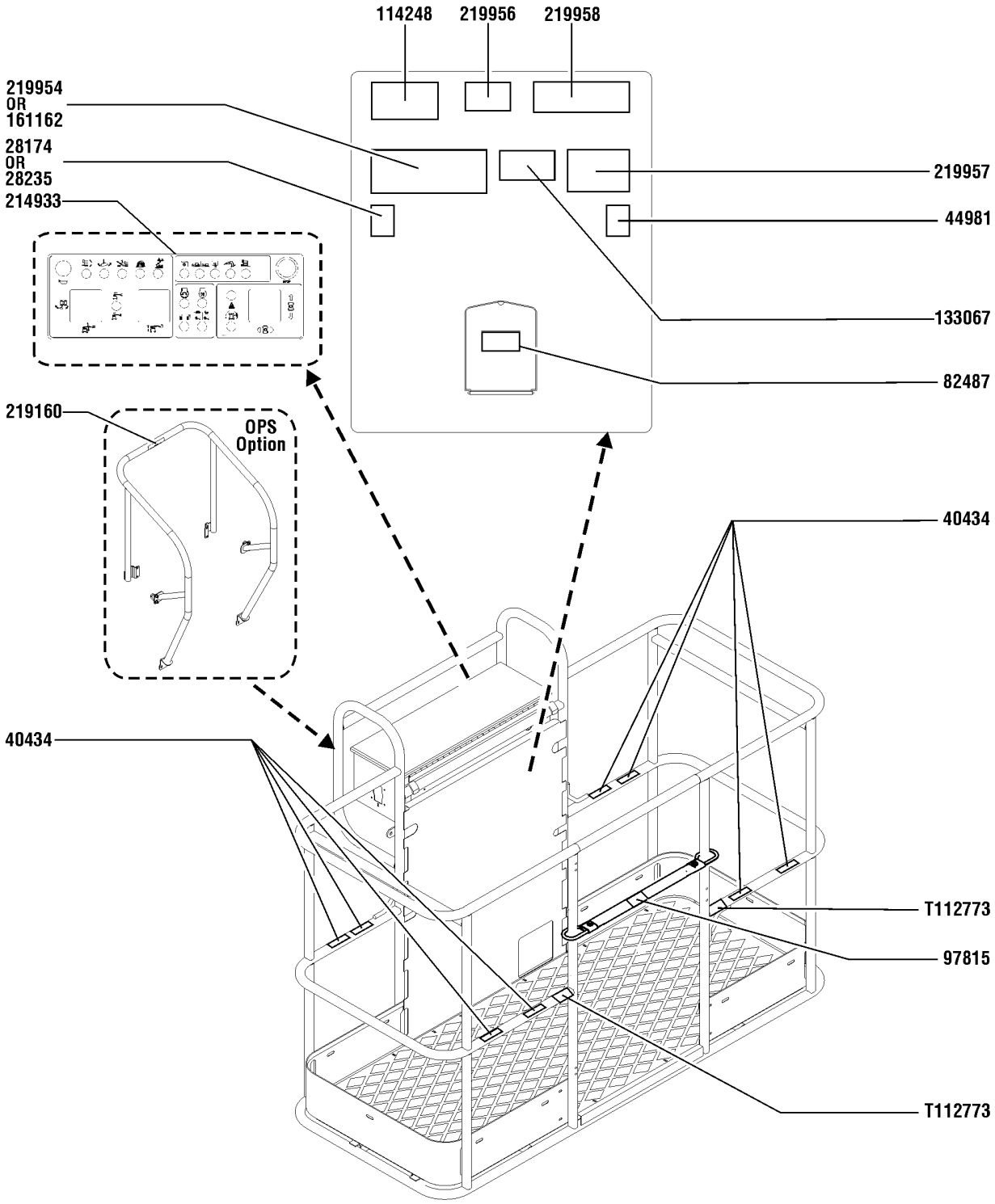
Item	Part No.	Description	Qty.
A-		Ref. Symbol Decal Kits (refer to 105.1)	
1	27205GT	DECAL,ARROW YELLOW LRG 9"	1
2	27206GT	DECAL,TRIANGLE,BLUE	1
3	27207GT	DECAL,TRIANGLE,YELLOW	1
4	28160GT	DECAL,LABEL,LIQUID PROPANE	1
5	52475GT	DECAL,LABEL,TRANSPORT TIEDOWN*	2
6	62947GT	DECAL,COSMETIC,IC POWER 4 X 2	1
7	62948GT	DECAL,COSMETIC,IC POWER 4 X 4	1
8	72086GT	DECAL,LABEL,LIFTING EYE	2
9	82240GT	DECAL,LABEL,105 DB (CE only)	1
10	82473GT	DECAL,SYMBOL-COMP ACCESS	1
11	114249GT	DECAL,LABEL,TIPOVER,TIRES,SYMB	2
12	114252GT	DECAL,LABEL,TIP OVER LMT SWTCH	1
13	133067GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	1
14	215526GT	DECAL,LABEL,BELT,MSG425	1
15	218561GT	DECAL,WHEEL LOAD,Z45/25 RT (Z-45/25)	2
17	219488GT	DECAL,TRANSPORT/LIFT DIAGRAM	1
18	219950GT	DECAL,TIRE PRESSURE,RT (air filled tires)	2
19	219951GT	DECAL,TIRE PRESSURE,HIGH FLOAT (high floatation tires)	2

107.1 Decals with Symbols, Platform, Asia and South America



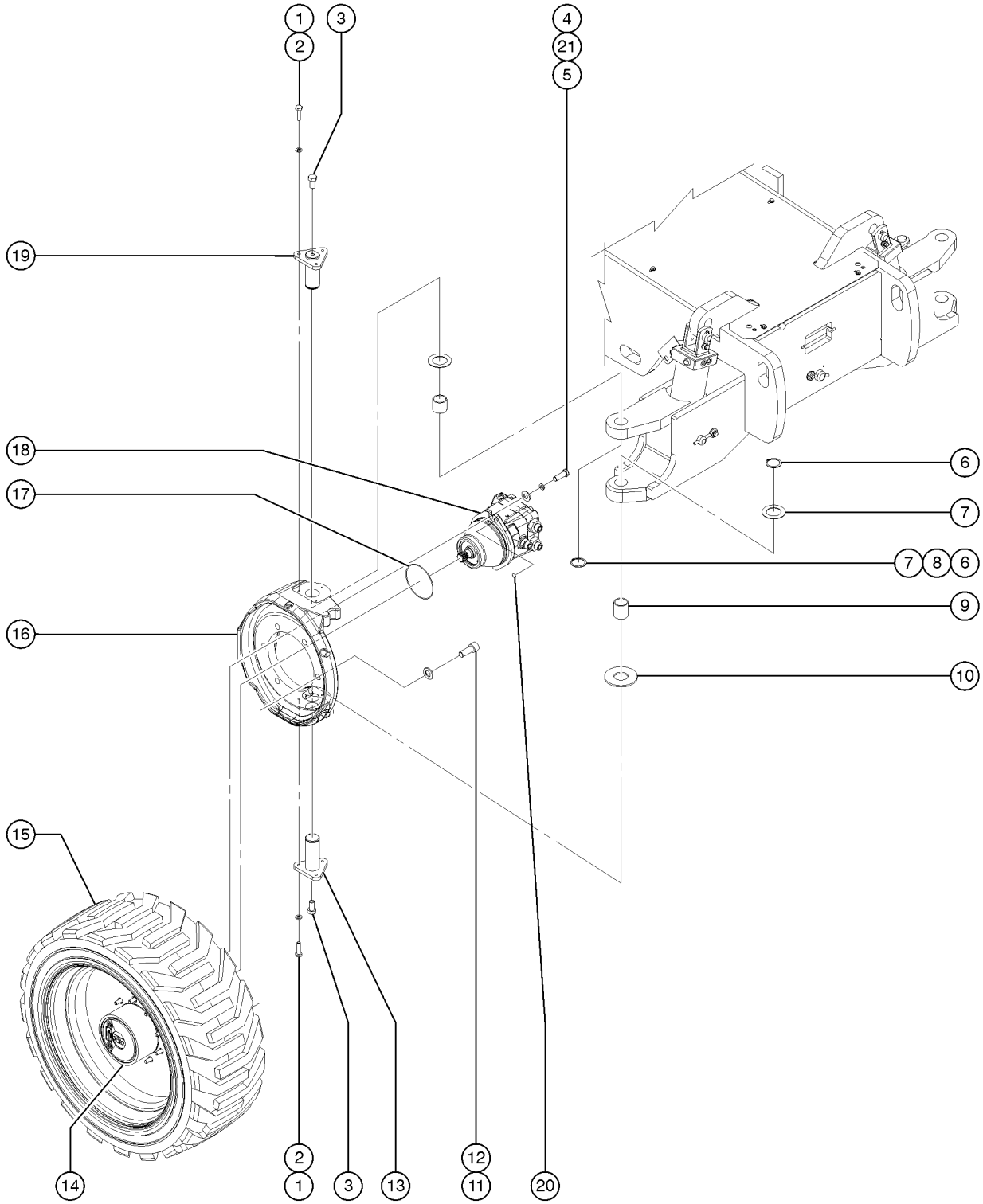
Item	*Part No.*	*Description*	*Qty.*
A-		Ref. Symbol Decal Kits (refer to 105.1)	
1	28174GT	DECAL,POWER TO PLATFORM 230V	1
2	28235GT	DECAL,POWER TO PLATFORM 115V	1
3	40434GT	DECAL,LANYARD ANCHORAGE POINT	8
4	44981GT	DECAL,LABEL,AIRLINE 110 PSI (option)	1
5	82487GT	DECAL,SYMBOL-READ THE MANUAL	1
6	97815GT	DECAL,LABEL,LOWER MIDRAIL	1
7	114248GT	DECAL,LABEL,TIPOVER,TILT AL SY	1
8	133067GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	1
9	214933GT	DECAL,PLATFORM CONTROL PANEL models with round hourmeter	1
10	219160GT	DECAL, INSTRUCTION, OPS option	1
11	219953GT	DECAL,TIP-OVER HAZARD,ANSI ANSI only	1
12	219955GT	DECAL,TIP-OVER HAZARD,440 LBS	1
13	219957GT	DECAL,RUNAWAY HAZARD	1
14	219958GT	DECAL,TIP-OVER,CRUSH	1
15	T112773GT	TAPE, PROTECTIVE MASK	2

108.1 Decals with Symbols, Platform, CE



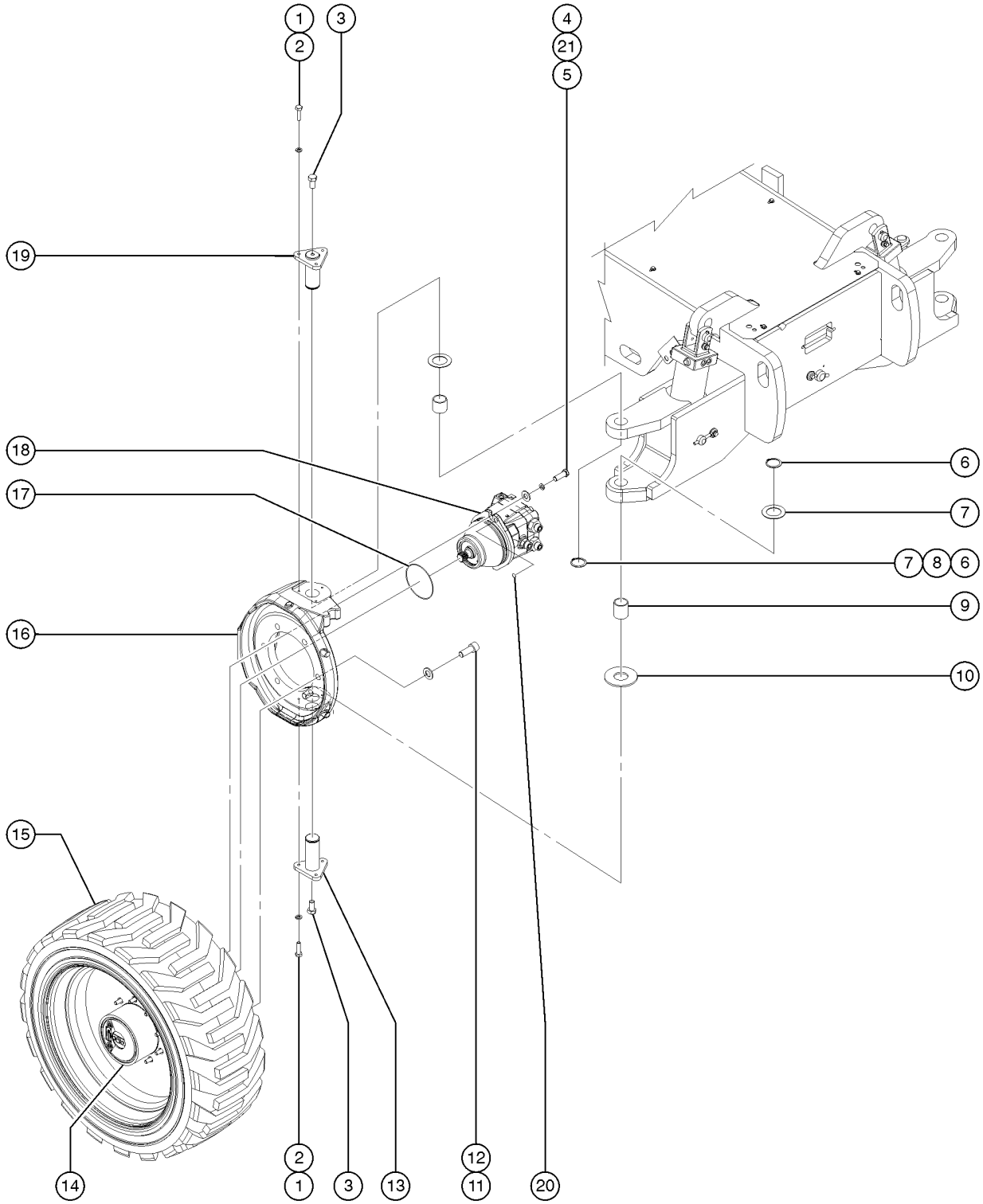
Item	*Part No.*	*Description*	*Qty.*
A-		Ref. Symbol Decal Kits (refer to 105.1)	
1	28174GT	DECAL,POWER TO PLATFORM 230V	1
2	28235GT	DECAL,POWER TO PLATFORM 115V	1
3	40434GT	DECAL,LANYARD ANCHORAGE POINT	8
4	44981GT	DECAL,LABEL,AIRLINE 110 PSI (option)	1
5	82487GT	DECAL,SYMBOL-READ THE MANUAL	1
6	97815GT	DECAL,LABEL,LOWER MIDRAIL	1
7	114248GT	DECAL,LABEL,TIPOVER,TILT AL SY	1
8	133067GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	1
9	161162GT	DECAL,TIP-OVER HAZARD,CE (CE model with aircraft protection option)	1
10	214933GT	DECAL,PLATFORM CONTROL PANEL models with round hourmeter	1
11	219160GT	DECAL, INSTRUCTION, OPS option	1
12	219954GT	DECAL,TIP-OVER HAZARD,CE (CE only)	1
13	219956GT	DECAL,PLATFORM OVERLOAD (CE only)	1
14	219957GT	DECAL,RUNAWAY HAZARD	1
15	219958GT	DECAL,TIP-OVER,CRUSH	1
16	T112773GT	TAPE, PROTECTIVE MASK	2

201.1 Steer-end Wheels and Hubs, 4WD Model



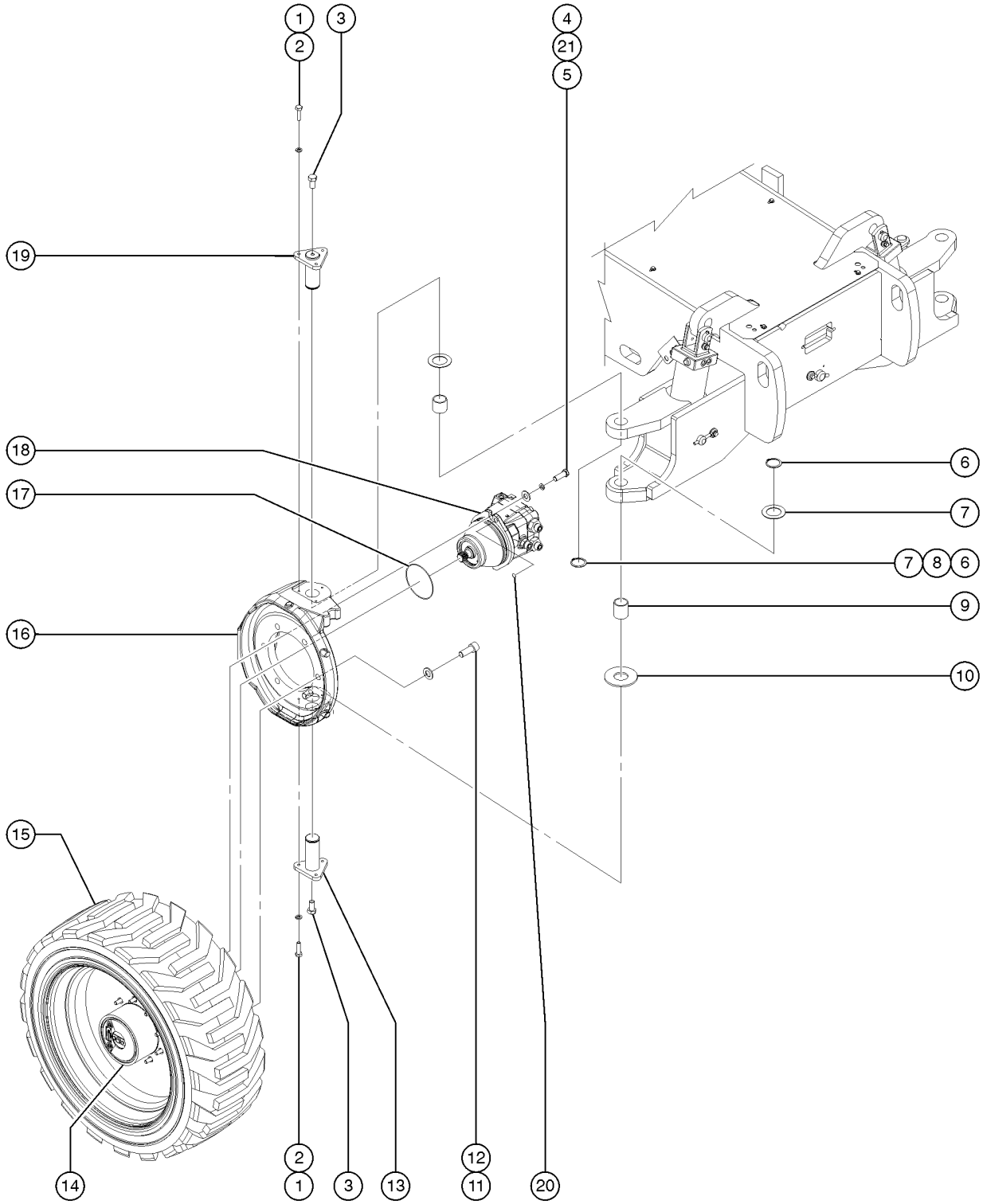
Item	Part No.	Description	Qty.
1	6888GT	SCREW, HHC, 1/4-20 X 1	
2	6356GT	WASHER, LOCK, .25	
3	8255GT	SCREW,HHC,3/8-16 X .75	
4	88296GT	SCREW,HHC,7/16-14 X 1.25	
5	106134GT	WASHER,FLAT,HARDENED 7/16	4
6	825796GT	SNAP RING,EXTERNAL,1.50,ZAG	4
7	18596GT	WASHER,FLAT,1.56 X 2.5 X .061	
8	119619GT	BEARING,1.5 ID X 1.75 ODX1.5L	2
9	146264GT	BEARING, 1.5IDX1.75ODX2.00L	2
10	45074GT	WASHER,THRUST,1.5 X 3.5 X .187	2
11	19418GT	SCREW,SHC,5/8-11 X 1.75	
12	13064GT	WASHER,FLAT,.625 HARDENED	
13	237569GT	WELDMENT, PIN, 1.5INX3.6IN LG	2
14A	139330GT	WHEEL DRIVE W/ BRAKE,57:1*** Type: OMNI. Visually identify which hub before ordering parts. ID tag is on end cover cap. Hubs are not interchangable, internal components are different for each type. All four hubs must be the same to avoid damage.	2
14A-	9990184GT	RETAINING RING, INTERNAL, #180 (COMPONENT OF 139330GT) for 139330	
14A-	139966GT	ROD,DISCONNECT,OMNI*** for 139330	
14A-	139967GT	CAP,DISENGAGE,OMNI*** for 139330	
14A-	139968GT	O-RING,END COVER,OMNI*** for 139330	
14A-	139969GT	LINING KIT,BRAKE,OMNI*** for 139330	
14A-	139970GT	SEAL KIT,BRAKE,OMNI*** for 139330	
14A-	139971GT	BEARING KIT,OMNI*** for 139330	
14A-	139972GT	SEAL KIT,GEARBOX,OMNI*** for 139330	
14A-	147033GT	O-RING,PIPE PLUG KIT,OMNI*** for 139330	
14A-	147034GT	PIPE PLUG KIT,OMNI*** for 139330	
14A-	230849GT	WHEEL STUD,5/8-18X67MM for 139330	
14B	101584GT	WHEEL DRIVE W/BRAKE 57:1 Type: FAIRFIELD. Visually identify which hub before ordering parts. ID tag is on end cover cap. Hubs are not interchangable, internal components are different for each type. All four hubs must be the same to avoid damage.(Seal Kit 1286602, Bearing Kit 1286603)	
14B-	58320GT	KIT,TORQUE HUB COVER(101584)** for 101584	

201.1 Steer-end Wheels and Hubs, 4WD Model



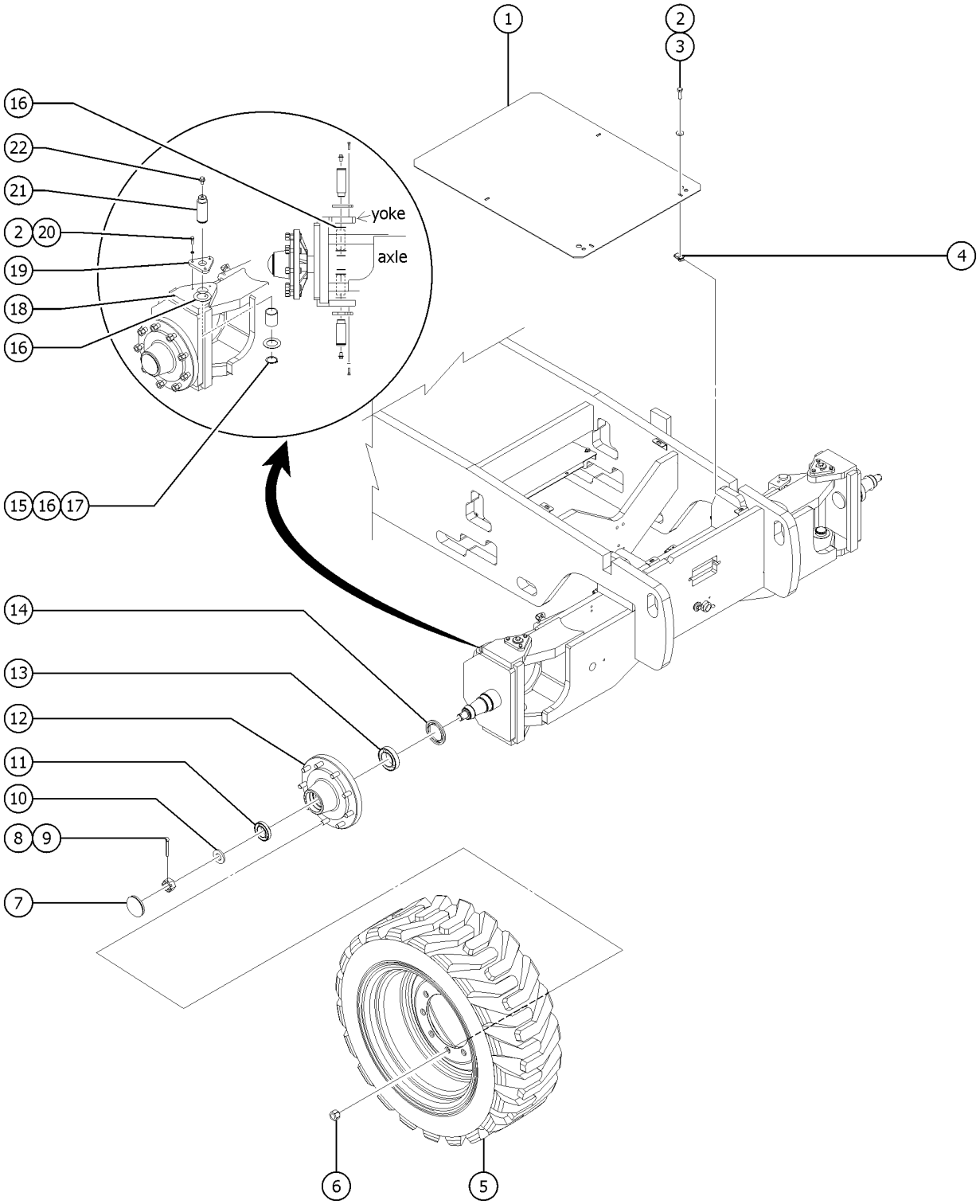
Item	Part No.	Description	Qty.
14B-	215777GT	INPUT CARRIER, SUB-ASSEMBLY for 101584	
14B-	106117GT	O-RING,2-010,VITON for 101584 (Mating O-ring for Brake Port)(Extremely small)	
14B-	106119GT	SEAL KIT, GEARBOX, 4HP for 101584	
14B-	106120GT	WHEEL STUD, 4HP, 5/8-18*** for 101584	
14B-	106121GT	ROD,DISCONNECT 4HP/4HB*** for 101584	
14B-	106122GT	CAP,DISENGAGE,4HP/4HB*** for 101584	
14B-	106123GT	O-RING,END COVER,4HP/4HB*** for 101584	
14B-	106124GT	LINING KIT, BRAKE, 4HP*** for 101584	
14B-	106125GT	SEAL KIT, BRAKE, 4HP for 101584 (inventory limited to stock on hand as component is no longer available), replace by 1286602GT	
14B-	1286602GT	SEAL KIT,WHEEL DRIVE W/BRAKE (101584/101585) for 101584	
14B-	1286603GT	BEARING KIT,WHEEL DRIVE W/BRAKE (101584/101585) for 101584	
14B-	146051GT	BEARING NUT*** for 101584	
14B-	146052GT	SET SCREW*** for 146051	
15A	110725GT	TIRE/WHEEL ASSY,HF W/SEALANT Turf with sealant	4
15B	73923GT	TIRE & WHEEL ASSY.,FLOTATION High Float	1
15B-	73924GT	WHEEL, 19.5X14.00 for 73923	
15B-	73925GT	TIRE,33/16LL500,10PLY LITEFOOT for 73923	
15C	237912GT	TIRE/WHEEL ASSY,RT AIR,LEFT RT, Air-filled, left	2
15C	237913GT	TIRE/WHEEL ASSY,RT AIR,RIGHT RT, Air-filled, right	2
15C-	139915GT	TIRE,315/55D20-12 PLY for 237912 and 237913	
15C-	1254668GT	WHEEL,20 X 11,9 HOLE X 9.5 BC for 237912 and 237913	
15D	237914GT	TIRE/WHEEL ASSY,RT FOAM,LH RT, Foam-filled, left	2
15D-	237915GT	TIRE/WHEEL ASSY,RT FOAM,RH RT, Foam-filled, right	2
15E	217190GT	TIRE/WHL ASSY,RT AIR,NON-MRK L RT, Air-filled, Non-marking, left	2
15E-	217191GT	TIRE/WHL ASSY,RT AIR,NON-MRK R RT, Air-filled, Non-marking, right	2
15F	217192GT	TIRE/WHL ASSY,RT FOAM,NON-MK L RT, Foam-filled, Non-marking, left	2
15F-	217193GT	TIRE/WHL ASSY,RT FOAM,NON-MK R RT, Foam-filled, Non-marking, right	
15G	217196GT	TIRE/WHL ASSY,RT AIR W/SEALANT LH RT, Air-filled with sealant, left	2

201.1 Steer-end Wheels and Hubs, 4WD Model



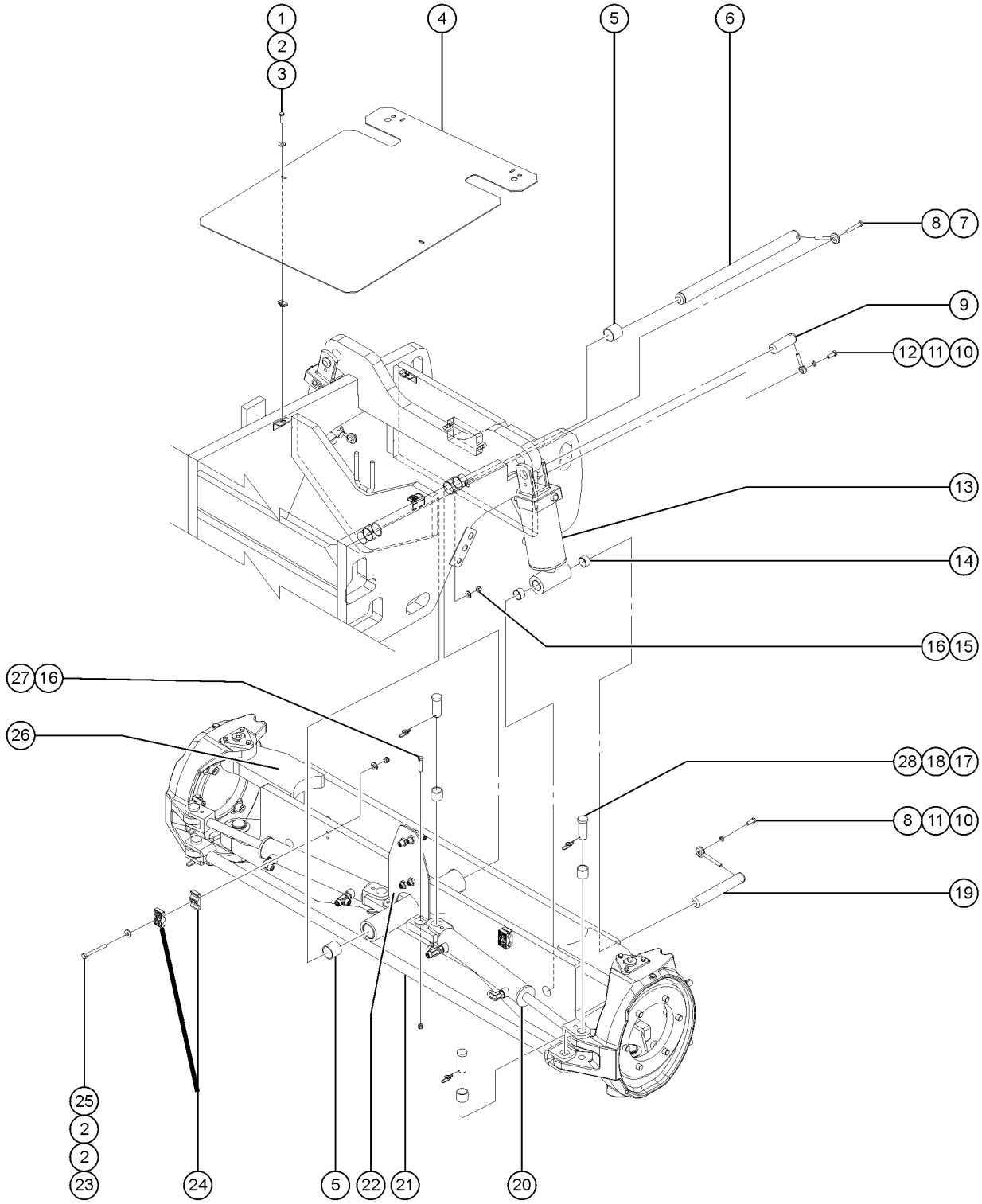
Item	Part No.	Description	Qty.
15G-	217197GT	TIRE/WHL ASSY,RT AIR W/SEALANT RH RT, Air-filled with sealant, right	2
15H	217194GT	TIRE/WHL ASSY,RT AIR NON-MRK W/SEAL LH RT, Air-filled with sealant, Non-marking, left	2
15H-	217195GT	TIRE/WHL ASSY,RT AIR NON-MRK W/SEAL RH RT, Air-filled with sealant, Non-marking, right	2
15J	217198GT	TIRE/WHL ASSY,RT REPNEU FOAM LH RT, REPNEU Foam-filled, left	2
15J-	217199GT	TIRE/WHL ASSY,RT REPNEU FOAM RH RT, REPNEU Foam-filled, right	2
16A	1257050GT	ASSEMBLY, YOKE, RH, Z-45 4WD right	
16A-	25817GT	BEARING,1.00IDX1.25ODX1.00L	
16B	1257049GT	ASSEMBLY, YOKE, LH, Z-45 4WD left	
16B-	25817GT	BEARING,1.00IDX1.25ODX1.00L	
17	102158GT	O-RING,.103 X 4.737,VITON, 75D	2
18	101586GT	MOTOR, PISTON, 25CC, 6.5 DEG, 13T	2
18-	106098GT	SEAL KIT,MOTOR,LC/KC***	
19	237568GT	WELDMENT, PIN, 1.5INX3.2IN LG	1
20	106117GT	O-RING,2-010,VITON	1
21	20912GT	WASHER,LOCK,.437,PLTD	

202.1 Steer-end Wheels and Hubs, 2WD Models



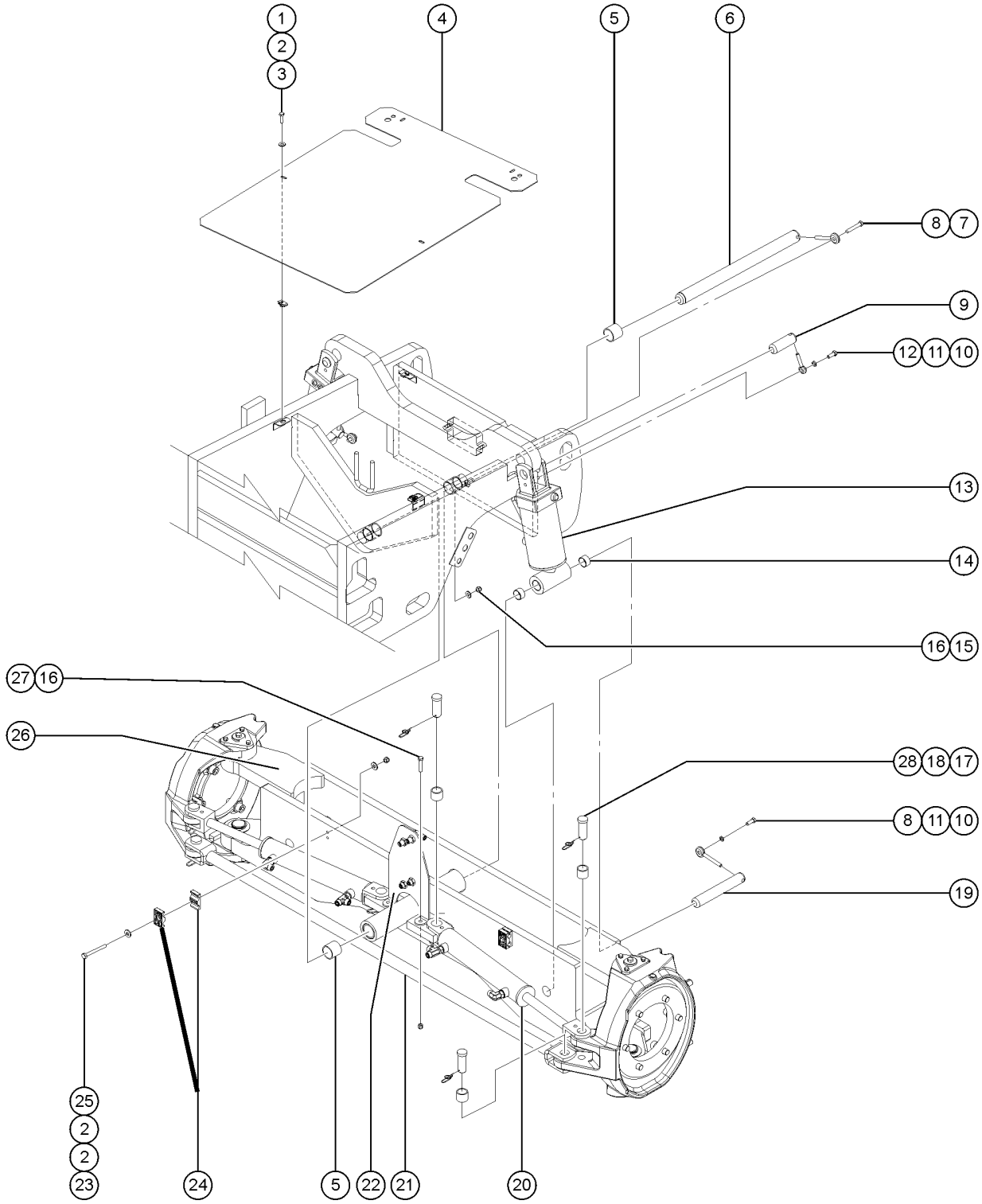
Item	Part No.	Description	Qty.
1	50770GT	COVER,DR CHASSIS FRONT,NON-OSC	1
2	824060GT	SCREW, HHC, 1/4-20 X 1, 8, ZAG	16
3	824113GT	WASHER,FLAT,USS,1/4,ZAG	4
4	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	4
5		Ref.WHEEL & TIRE ASSY (refer to 201.1)	
6	54627GT	NUT,LUG,5/8-18 X 90 DEGREE,Z45	18
7	54959GT	CAP,DUST (54840 HUB ASSY)	2
8	45114GT	PIN,COTTER,.219 X 1.75	2
9	45113GT	NUT,SPINDLE,1-14	2
10	45112GT	WASHER,SPINDLE	2
11	54962GT	BEARING,OUTER,9 BOLT HUB***	2
12	54840GT	HUB ASSEMBLY,9 BOLT*** (includes items 7, 11, 13, 14)	2
12-	45837GT	BRAKE TRACK	
12-	54960GT	SEAL-GREASE,9-BOLT HUB 54840	
12-	21166GT	LUG BOLT,5/8-18,WHEEL HUB***	
13	54961GT	BEARING,INNER,9 BOLT HUB***	2
14	54960GT	SEAL-GREASE,9-BOLT HUB 54840	2
15	825796GT	SNAP RING,EXTERNAL,1.50,ZAG	4
16	1251565GT	WASHER,SHIM,1.56X2.5X.061,ZAG	4
17	119619GT	BEARING,1.5 ID X 1.75 ODX1.5L	4
18A	232090GT	WELDMENT, YOKE (right side, shown, does not inclued bearings)	1
18B	235648GT	WELDMENT,YOKE (left side, does not include bearing)	1
18C	25817GT	BEARING,1.00IDX1.25ODX1.00L order separately; qty. 2 required per yoke	
19		PLATE, YOKE PIN for service replacement use pin 237568GT (3.2 inch long pin) and 237569GT (3.6 inch long pin)	4
20	824109GT	WASHER, LOCK, 1/4, ZAG	12
21	237566GT	PIN,1.5INx4.2IN LG., 1 GROOVE	4
22	1256857GT	SCREW,HHF,3/8-16X.625,8,ZAG	4

203.1 Steer Axle Linkage



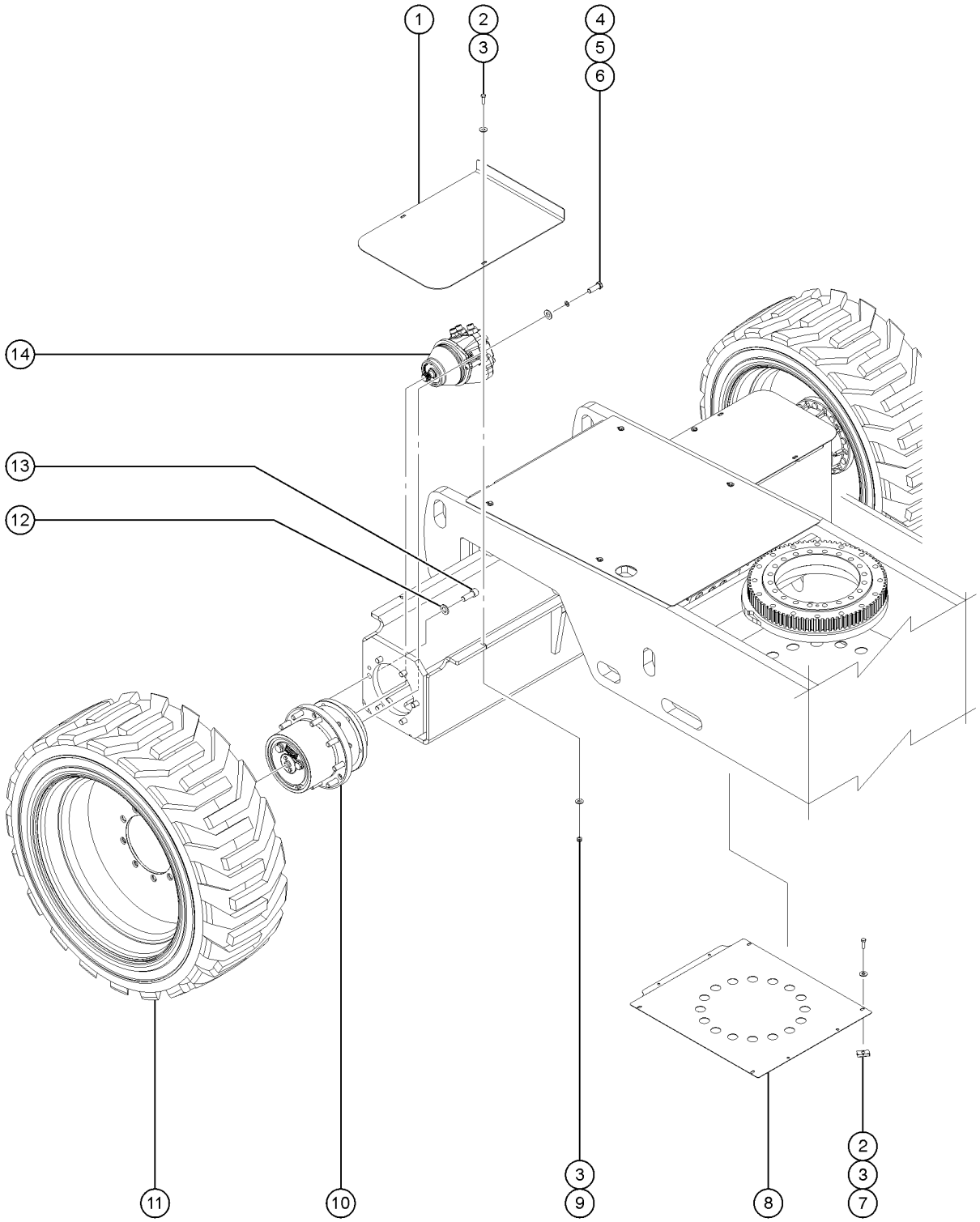
Item	Part No.	Description	Qty.
1	6888GT	SCREW, HHC, 1/4-20 X 1	
2	6638GT	WASHER, FLAT, USS, 1/4"Y	
3	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	4
4	1272699GT	COVER,DRIVE CHASSIS,FRONT	1
5	119619GT	BEARING,1.5 ID X 1.75 ODX1.5L	2
6	54542GT	PIN,1.50DIAX20.00LG,CHAMFER	
7	6708GT	SCREW,HHC,3/8-16 X 2.25	
8	825019GT	ROD END, .375X3.69, ZAG	2
9	50742GT	PIN,1.25DIAX3.75LG,1HOLE	2
10	6175GT	SCREW,HHC,3/8-16 X 1	
11	6021GT	WASHER, LOCK, .375	
12	1255452GT	ROD END,.375 X 2.25,ZAG	2
13	54567GT	CYLINDER,OSCILLATE,Z45*** models with oscillate option	2
13-	65791GT	SEAL KIT,CYL,Z45 (54567) for 54567	
13-	77409GT	VALVE,COUNTERBALANCE,1000 ATM	
14	25683GT	BEARING,POLYGON,20DU12	4
15	5397GT	WASHER, FLAT, USS, 5/16-18	
16	4828GT	NUT, NYLOCK, 3/8-16	
17	19440GT	PIN,CLEVIS,1 X 2.5 LG	.
18	25817GT	BEARING,1.00IDX1.25ODX1.00L	6
19	36198GT	PIN,1.25DIAX8.12LG,1HOLE	2
20	1305757GT	CYLINDER, STEER	2
20-	89066GT	SEAL KIT,STEER CYL (89065) for 1305757	
21	237703GT	TIE ROD WELDMENT, Z45/51	1
22	215333GT	FORMING, FRONT AXLE BRK	1
23	6884GT	SCREW,HHC,1/4-20 X 2.5	2
24	78736GT	CLAMP,2 HOSE,PLASTIC	4
25	6091GT	NUT,NYLOCK,1/4-20	

203.1 Steer Axle Linkage



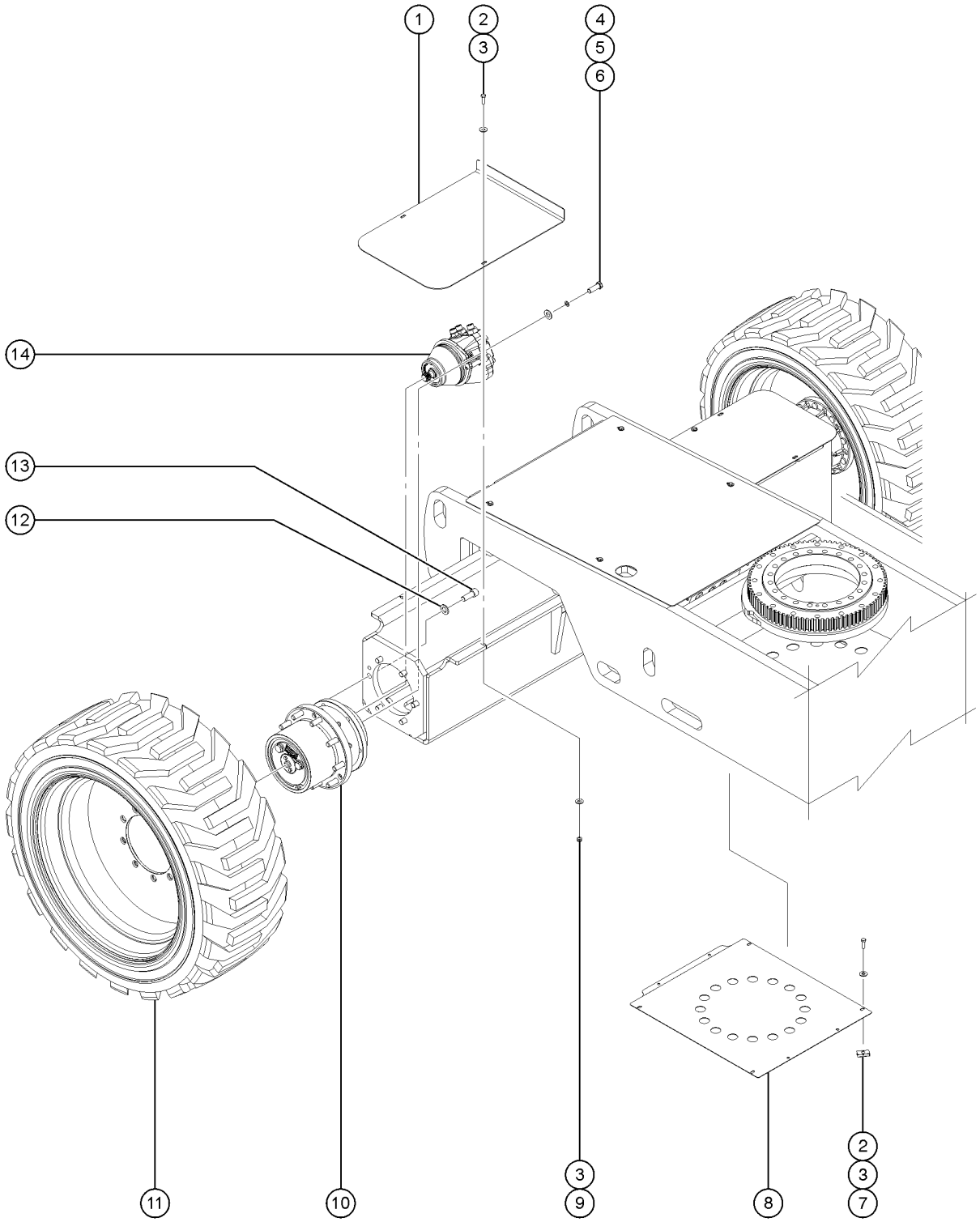
Item	Part No.	Description	Qty.
26	232081GT	WELDMENT, FRONT AXLE, Z45	1
27	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	2
28	74389GT	RUE RING 1.00	6

204.1 Non-steer End Wheels and Hubs



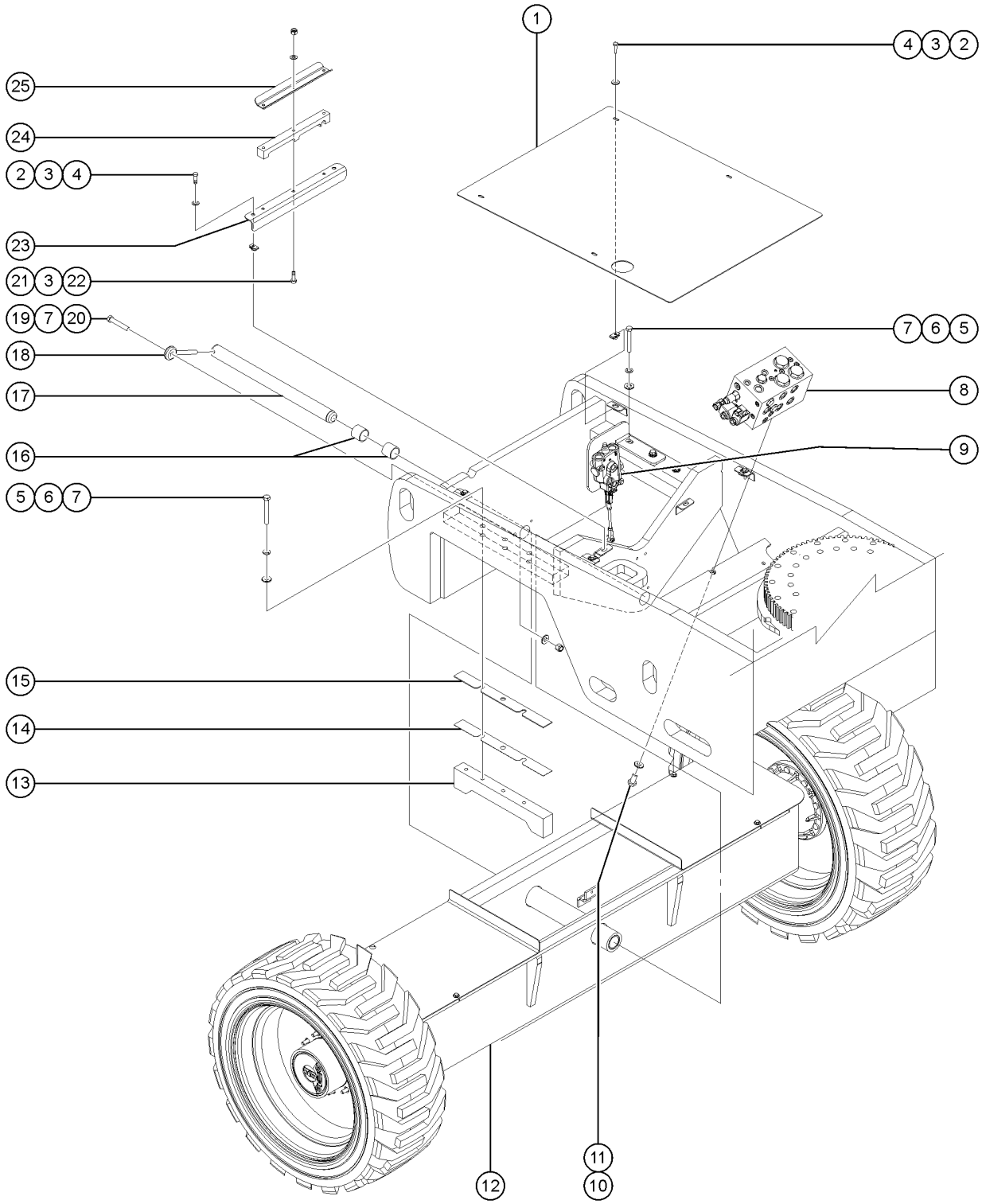
Item	Part No.	Description	Qty.
1	216057GT	COVER, REAR AXLE, METRIC Z45	2
2	6888GT	SCREW, HHC, 1/4-20 X 1	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	88296GT	SCREW,HHC,7/16-14 X 1.25	
5	20912GT	WASHER,LOCK,.437,PLTD	
6	106134GT	WASHER,FLAT,HARDENED 7/16	
7	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG replaced 73871	1
8	120269GT	FORMING,BELLY PAN	1
9	6889GT	NUT,LP NYLOCK,1/4-20	
10A	139330GT	WHEEL DRIVE W/ BRAKE,57:1*** Type: OMNI. Visually identify which hub before ordering parts. ID tag is on end cover cap. Hubs are not interchangable, internal components are different for each type. All four hubs must be the same to avoid damage.	2
10A-	9990184GT	RETAINING RING, INTERNAL, #180 (COMPONENT OF 139330GT) for 139330	
10A-	139966GT	ROD,DISCONNECT,OMNI*** for 139330	
10A-	139967GT	CAP,DISENGAGE,OMNI*** for 139330	
10A-	139968GT	O-RING,END COVER,OMNI*** for 139330	
10A-	139969GT	LINING KIT,BRAKE,OMNI*** for 139330	
10A-	139970GT	SEAL KIT,BRAKE,OMNI*** for 139330	
10A-	139971GT	BEARING KIT,OMNI*** for 139330	
10A-	139972GT	SEAL KIT,GEARBOX,OMNI*** for 139330	
10A-	147033GT	O-RING,PIPE PLUG KIT,OMNI*** for 139330	
10A-	147034GT	PIPE PLUG KIT,OMNI*** for 139330	
10A-	230849GT	WHEEL STUD,5/8-18X67MM for 139330	
10A-	54627GT	NUT,LUG,5/8-18 X 90 DEGREE,Z45 for 230849	
10B	101584GT	WHEEL DRIVE W/BRAKE 57:1 Type: FAIRFIELD. Visually identify which hub before ordering parts. ID tag is on end cover cap. Hubs are not interchangeable, internal components are different for each type. All four hubs must be the same to avoid damage.(Seal Kit 1286602, Bearing Kit 1286603)	
10B-	58320GT	KIT,TORQUE HUB COVER(101584)** for 101584	
10B-	215777GT	INPUT CARRIER, SUB-ASSEMBLY for 101584	
10B-	106117GT	O-RING,2-010,VITON for 101584 (Mating O-ring for Brake Port)(Extremely small)	
10B-	106119GT	SEAL KIT, GEARBOX, 4HP for 101584	

204.1 Non-steer End Wheels and Hubs



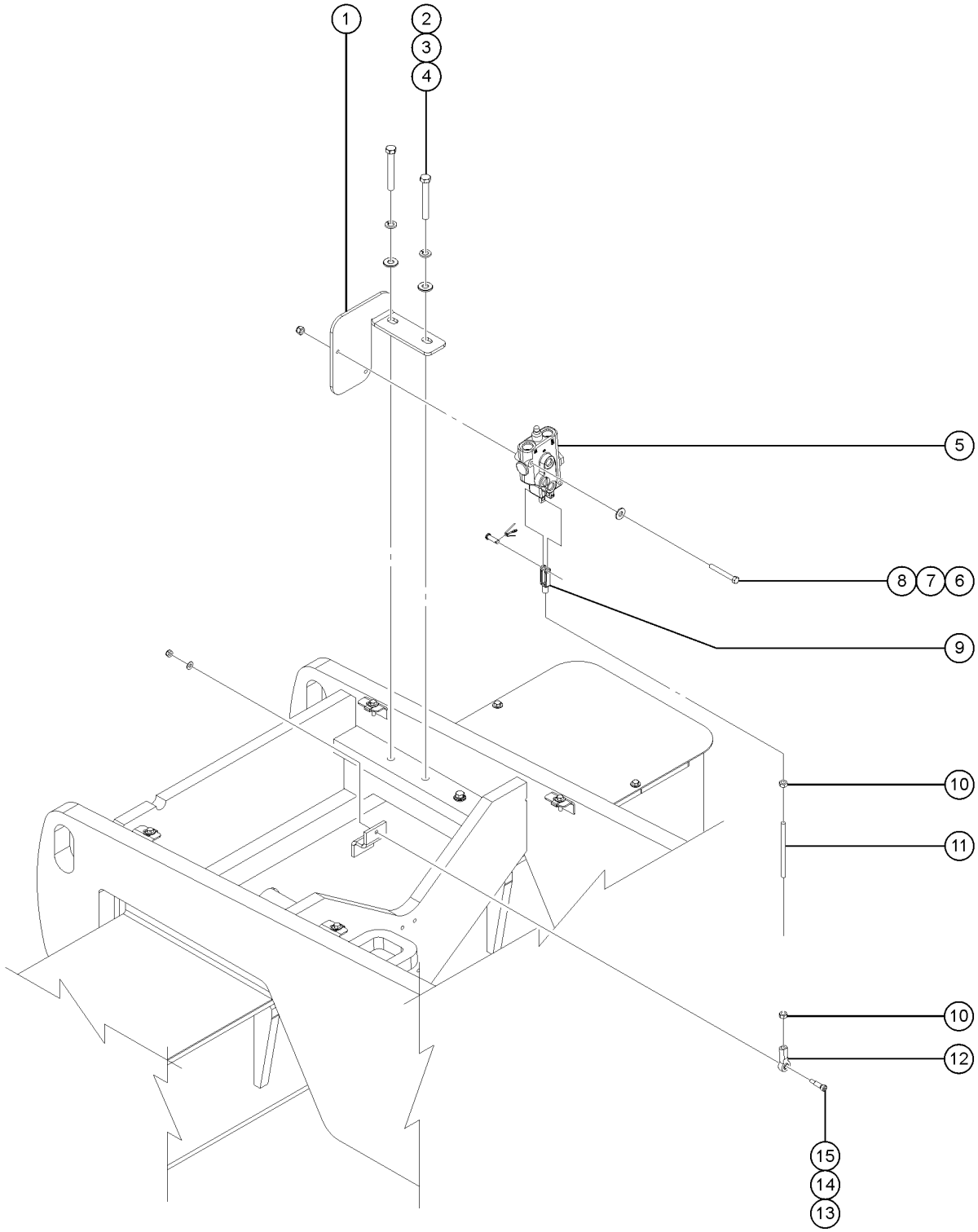
Item	Part No.	Description	Qty.
10B-	106120GT	WHEEL STUD, 4HP, 5/8-18*** ..... for 101584	
10B-	106121GT	ROD,DISCONNECT 4HP/4HB*** ..... for 101584	
10B-	106122GT	CAP,DISENGAGE,4HP/4HB*** ..... for 101584	
10B-	106123GT	O-RING,END COVER,4HP/4HB*** ..... for 101584	
10B-	106124GT	LINING KIT, BRAKE, 4HP*** ..... for 101584	
10B-	106125GT	SEAL KIT, BRAKE, 4HP for 101584 (inventory limited to stock on hand as component is no longer available), replace by 1286602GT	
10B-	1286602GT	SEAL KIT,WHEEL DRIVE W/BRAKE (101584/101585) ..... for 101584	
10B-	1286603GT	BEARING KIT,WHEEL DRIVE W/BRAKE (101584/101585) ..... for 101584	
10B-	146051GT	BEARING NUT*** ..... for 101584	
10B-	146052GT	SET SCREW*** ..... for 146051	
11		Ref. WHEEL & TIRE ASSY,RR/LF,AIR ..... (refer to 201.1 or 202.1)	
12	13064GT	WASHER,FLAT,.625 HARDENED	
13	119966GT	SCREW,SHC,5/8-11 X 1.63	
14A	101586GT	MOTOR, PISTON, 25CC, 6.5 DEG, 13T ..... 4WD Models	2
14A-	106098GT	SEAL KIT,MOTOR,LC/KC***	
14B	101587GT	MOTOR,PISTON,LC30,10 DEG,13T ..... 2WD Models	2
14B-	32680GT	SEAL KIT,SUNSTRAND	
14B-	102158GT	O-RING,.103 X 4.737,VITON, 75D	

205.1 Non-steer Axle



Item	Part No.	Description	Qty.
1	235642GT	COVER, DRIVE CHASSIS, REAR	1
2	6888GT	SCREW, HHC, 1/4-20 X 1	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
5	14033GT	SCREW, HHC, 3/8-16 X 2.75	
6	6021GT	WASHER, LOCK, .375	
7	5397GT	WASHER, FLAT, USS, 5/16-18	
8		Ref. Traction Manifold (refer to 701.1 or 702.1)	
9		Ref. Oscillate Valve (refer to 206.1)	
10	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
11	6033GT	WASHER,LOCK,0.5"	
12	232092GT	WELDMENT, FORMED REAR AXLE	1
13	1272698GT	BAR, AXLE ROTATION STOP	2
14	119209GT	SHIM,AXLE ROTATION STOP,22GA as needed	
15	119210GT	SHIM,AXLE ROTATION STOP,12GA as needed	
16	119619GT	BEARING,1.5 ID X 1.75 ODX1.5L	2
17	54542GT	PIN,1.50DIAX20.00LG,CHAMFER	1
18	825019GT	ROD END, .375X3.69, ZAG	1
19	6708GT	SCREW,HHC,3/8-16 X 2.25	
20	4828GT	NUT, NYLOCK, 3/8-16	
21	73464GT	BOLT,CARRIAGE,1/4-20 X 1.75,G2	3
22	6091GT	NUT,NYLOCK,1/4-20	3
23	229131GT	BRACKET, CABLE CLAMP	1
24	229132GT	CLAMP, CABLE	1
25	229133GT	PLATE,CLAMP,TOP	1

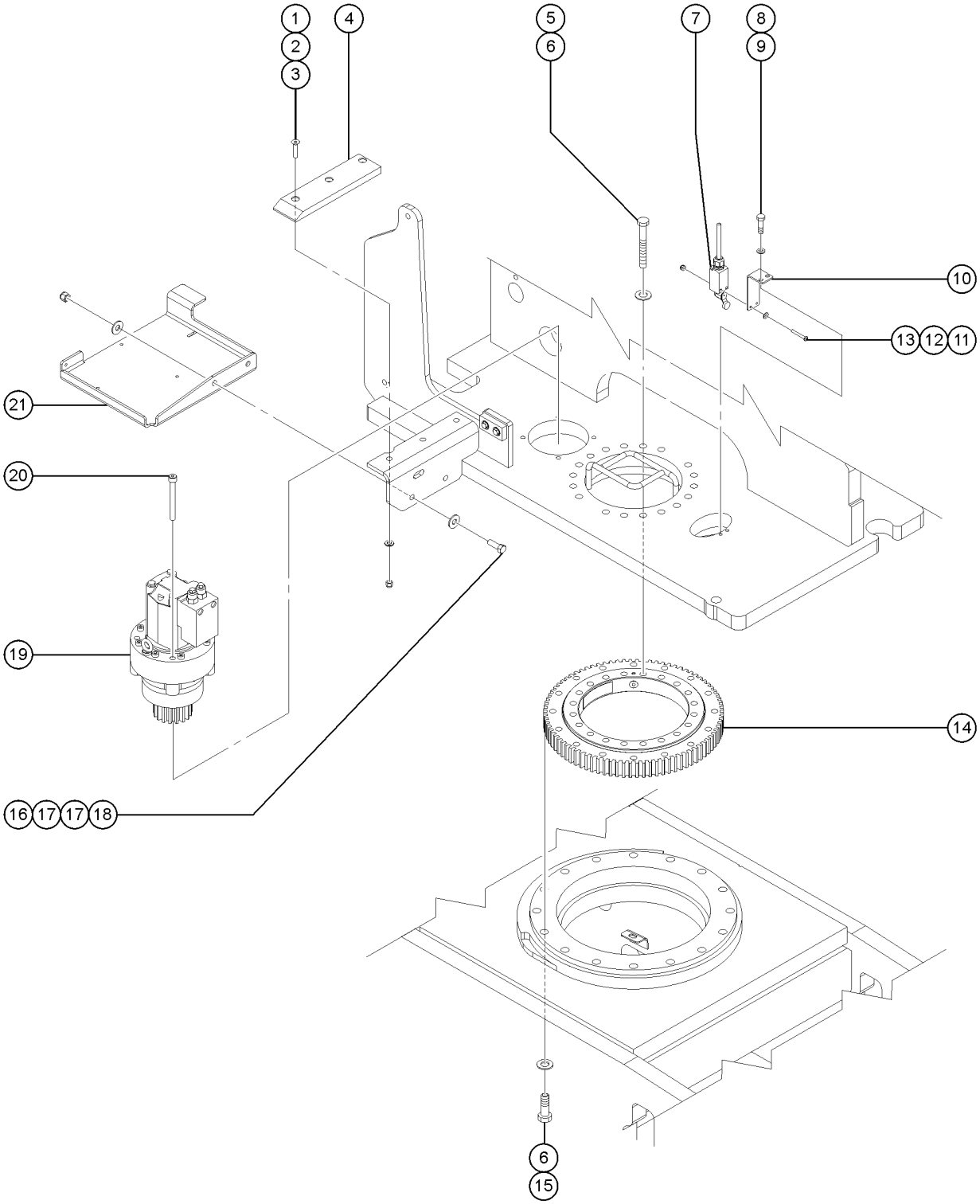
206.1 Oscillate Valve



206.1 Oscillate Valve

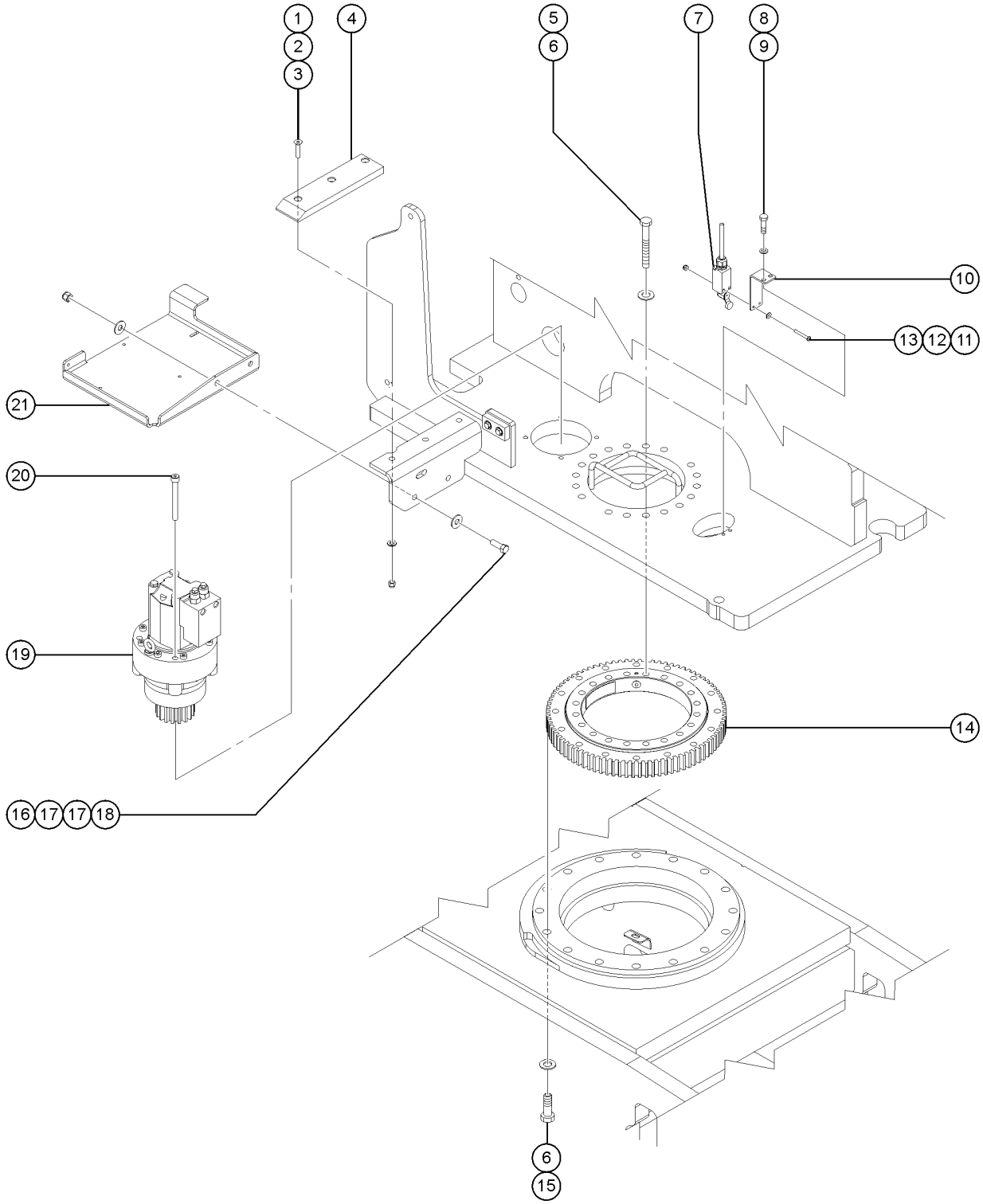
Item	*Part No.*	*Description*	*Qty.*
1	238345GT	FORMING, BRACKET, OSC VALVE	1
2	14033GT	SCREW, HHC, 3/8-16 X 2.75	
3	6021GT	WASHER, LOCK, .375	
4	5397GT	WASHER, FLAT, USS, 5/16-18	
5	49768GT	VLV,MAN,3 POS/4 WAY,CLOSE CTR*	1
5-	32681GT	SEAL KIT,CONTROL VALVE for 49768	
6	4266GT	SCREW,HHC,1/4-20 X 2	2
7	6638GT	WASHER, FLAT, USS, 1/4"Y	2
8	6091GT	NUT,NYLOCK,1/4-20	2
9	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN	1
10	21496GT	NUT,HEX,1/4-28	2
11	30785-400GT	THREADED ROD,1/4-28 X 4 IN***	1
12	81691GT	ROD END,BALL JOINT 1/4-28	1
13	6584GT	SCREW,SHS,10-24 X .625	1
14	6146GT	WASHER,FLAT,MS,#10,Y	1
15	5365GT	NUT,NYLOCK,10-24	1

301.1 Turntable Rotator



Item	Part No.	Description	Qty.
1	17712GT	SCREW,FHS,3/8-16 X 1.75	
2	5397GT	WASHER, FLAT, USS, 5/16-18	
3	4828GT	NUT, NYLOCK, 3/8-16	
4	50519GT	LOAD PAD,ENGINE TRAY SUPPORT	1
5	139865GT	SCREW,HHC,5/8-11 X 4.00 GR8 BO	18
6	13064GT	WASHER,FLAT,.625 HARDENED	
7	88356-11103GT	SWITCH,LIMIT,W/RLR ARM,NO/NC	1
7-	89756GT	NECK/HEAD-LIMIT SWITCH (88356)	
7-	97128GT	ROLLER ARM,LIMIT SWITCH***	
7-	19491GT	CONTACTOR,LIMIT SWITCH	
8	8255GT	SCREW,HHC,3/8-16 X .75	
9	6021GT	WASHER, LOCK, .375	
10	237790GT	BRACKET,DRIVE SENSOR,ENABLE	1
11	51063GT	SCREW,PHILLIPS,RHM,10-32 X 1.5	
12	6146GT	WASHER,FLAT,MS,#10,Y	
13	6178GT	NUT, NYLOCK, 10-32	
14	101815GT	BEARING,SWING CHASSIS	1
15	139866GT	SCREW,HHC,5/8-11X4.50GR8 PLAIN	
16	8177GT	SCREW,HHC,1/2-13 X 1.5	
17	6095GT	WASHER,FLAT,USS,1/2",Y	
18	6198GT	NUT, NYLOCK, 1/2-13	
19A		SWING DRIVE ASSY*** 147209 is no longer available; order PN 824050	1
19A-		SEAL KIT,SWING DRIVE*** component no longer available	
19A-		BRAKE KIT, SWING DRIVE component no longer available	
19A-		MANIFOLD KIT, SW DRIVE component no longer available	
19A-	48904GT	ELBOW, 90D, 520220-4 for 147209	
19A-	77246GT	SEAL KIT,SWING MOTOR*** for 147209	
19A-	220255GT	SEAL KIT,MANIFOLD TO MOTOR for 147212	

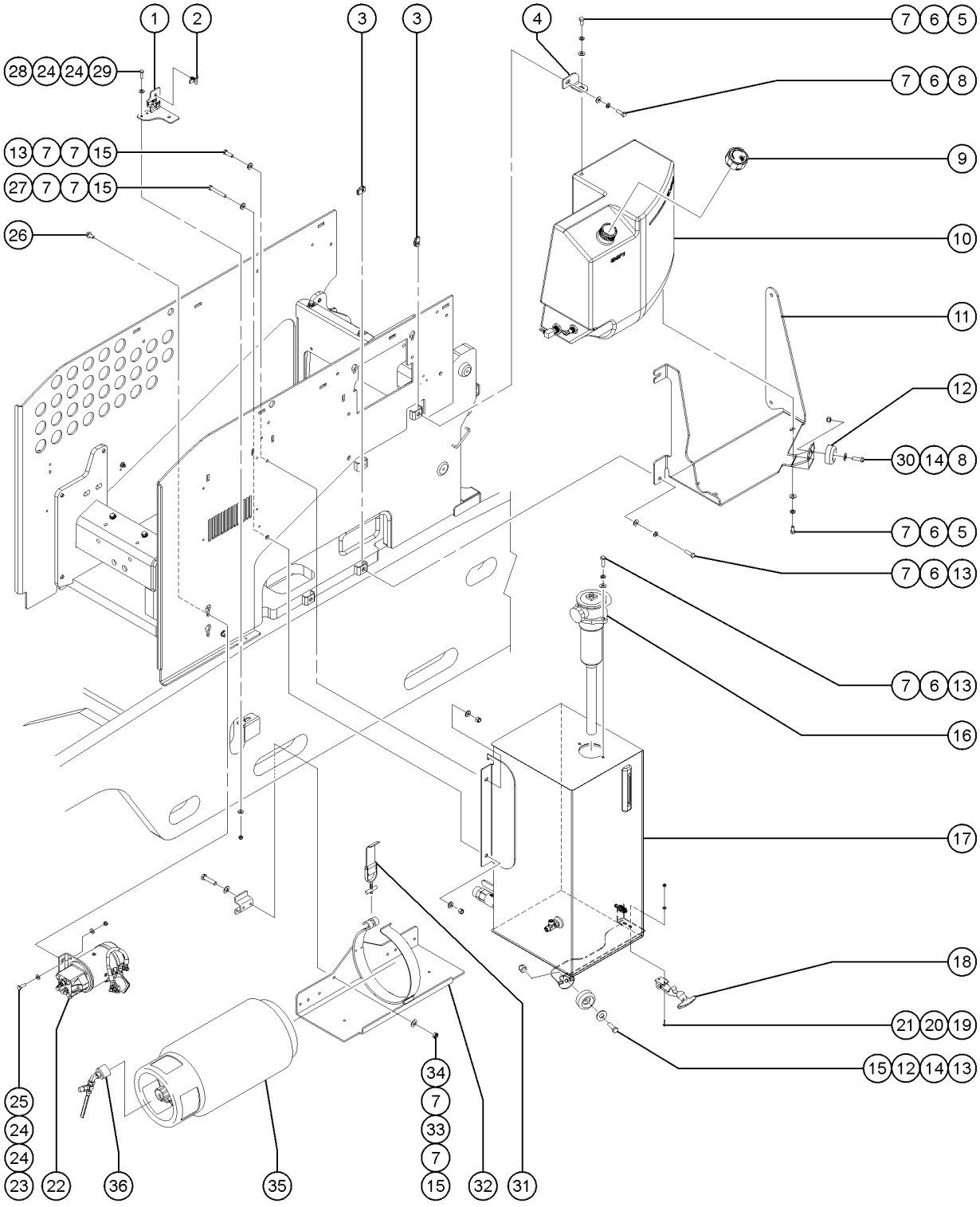
301.1 Turntable Rotator



301.1 Turntable Rotator

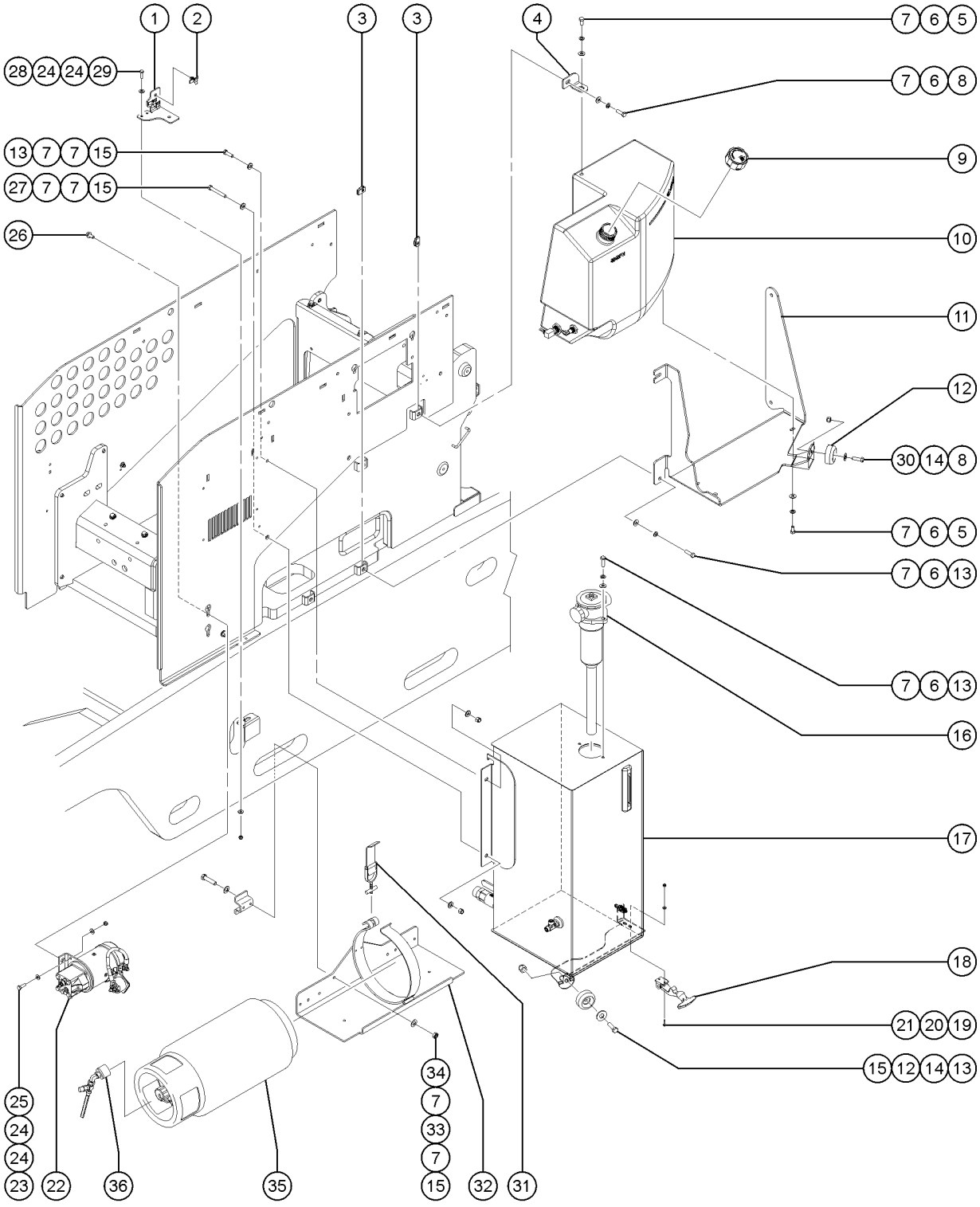
Item	*Part No.*	*Description*	*Qty.*
19B	824050GT	SWING DRIVE ASSEMBLY Replaced PN 147209	
19B-	824051GT	SEAL KIT, SWING DRIVE for 824050	
19B-	824052GT	VALVE BLOCK, SWING DRIVE for 824050	
19B-	48904GT	ELBOW, 90D, 520220-4 not included, must order seperately	
20	56680GT	SCREW,SHC,1/2-13 X 4.50 ZINC	
21	147067GT	BRACKET,BATTERY MOUNT	1

302.1 Fuel and Hydraulic Tank Installation



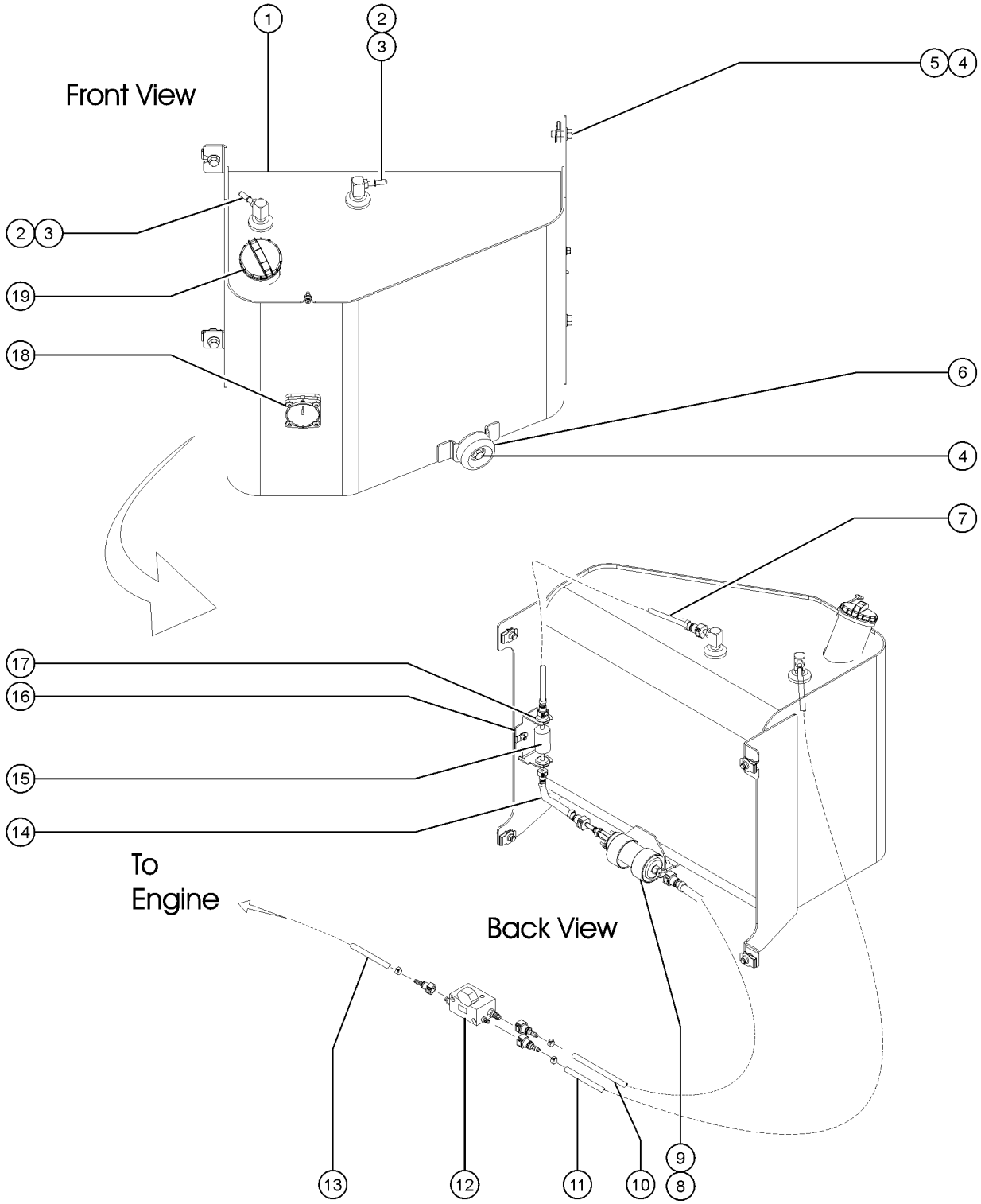
Item	Part No.	Description	Qty.
1	219350GT	FORMING, AUX. CABLE , HOSE BRK	1
2	105214GT	CABLE TIE MOUNT, WINGED	4
3	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	5
4	238388GT	FORMING, UPPER FUEL TANK BRK	1
5	8255GT	SCREW,HHC,3/8-16 X .75	
6	6021GT	WASHER, LOCK, .375	
7	5397GT	WASHER, FLAT, USS, 5/16-18	
8	6175GT	SCREW,HHC,3/8-16 X 1	
9	101726GT	CAP,FUEL,DIESEL,1/8"VENT(GRN) for Deutz & Perkins models (shown), no longer available, (replaced by 1316635)	1
9B		REF: Gasoline Fuel Cap for Ford model, refer to 302.2	1
9C	1316635GT	CAP, FUEL, DIESEL, 0.08 IN HOLE (BLACK)	1
10A	119798GT	FUEL TANK ASSY, 17 GAL PLASTIC for Deutz & Perkins models (shown)	1
10B		REF: Gasoline Fuel Tank Assy for Ford model refer to 302.2	1
11	238199GT	MOUNT, FUEL TANK for Deutz & Perkins models	1
12	50974GT	BUMPER,RUBBER,COVERS	2
13	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
14	6097GT	WASHER, FLAT, USS, 3/8", Y	
15	4828GT	NUT, NYLOCK, 3/8-16	
16A	110345GT	FILTER ASSY,INTANK includes item 16B	1
16A-	147223GT	SEAL,FILTER LID	
16B	77353GT	KIT,ELEMENT**	
16B-	94526GT	GASKET,RETURN FILTER-77353	
16B-	77354GT	FILTER LID,RFM165	
16B-	77365GT	BREATHER CAP,RFM165	
16B-	88917GT	FILTER,ELEMENT,BETA(10)=200	
17-	21141GT	GAUGE-SIGHT,LHA-LGTB***	
17-	147419GT	KIT,STRAINER REPLACEMENT	
17-	94612GT	PLUG,MAGNETIC,SAE-6***	

302.1 Fuel and Hydraulic Tank Installation



Item	Part No.	Description	Qty.
18	45363GT	LATCH,FLEXIBLE	1
19	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	
20	6146GT	WASHER,FLAT,MS,#10,Y	
21	6178GT	NUT, NYLOCK, 10-32	
22	77066GT	ASSEMBLY, AUX POWER UNIT, 12VD	1
22-	77069GT	MOTOR,12VDC,77066	
22-	77071GT	SOLENOID,77066	
22-	77072GT	CHECK VALVE KIT,77066	
22-	77070GT	PUMP ASSY.,77066 (to SN Z452503-22198)	
22-	58490GT	PUMP ASSY (77066) (from SN Z452503-22199)	
23	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
24	6638GT	WASHER, FLAT, USS, 1/4"Y	
25	6782GT	NUT, NYLOCK, 5/16-18	
26	121763GT	SCREW,HHF,3/8-16X.75	
27	14033GT	SCREW, HHC, 3/8-16 X 2.75	
28	6888GT	SCREW, HHC, 1/4-20 X 1	
29	6091GT	NUT,NYLOCK,1/4-20	
30	7713GT	NUT, LP NYLOCK, 3/8-16	
31	49000GT	L.P.TANK LATCH	1
32	220253GT	ASSEMBLY, LP TANK MOUNT, Z45 includes 49000 and 60143	1
32-	60143-SGT	WELD, LPG TANK MOUNT	
33	60139GT	FORMING,LP BRACKET MOUNT	1
34	8516GT	SCREW, HCC, 3/8-16 X 1.50	2
35	53605GT	TANK, 7 GAL/33.5 POUND, LP	1
36	119055GT	HOSE ASSY,LP GAS	1

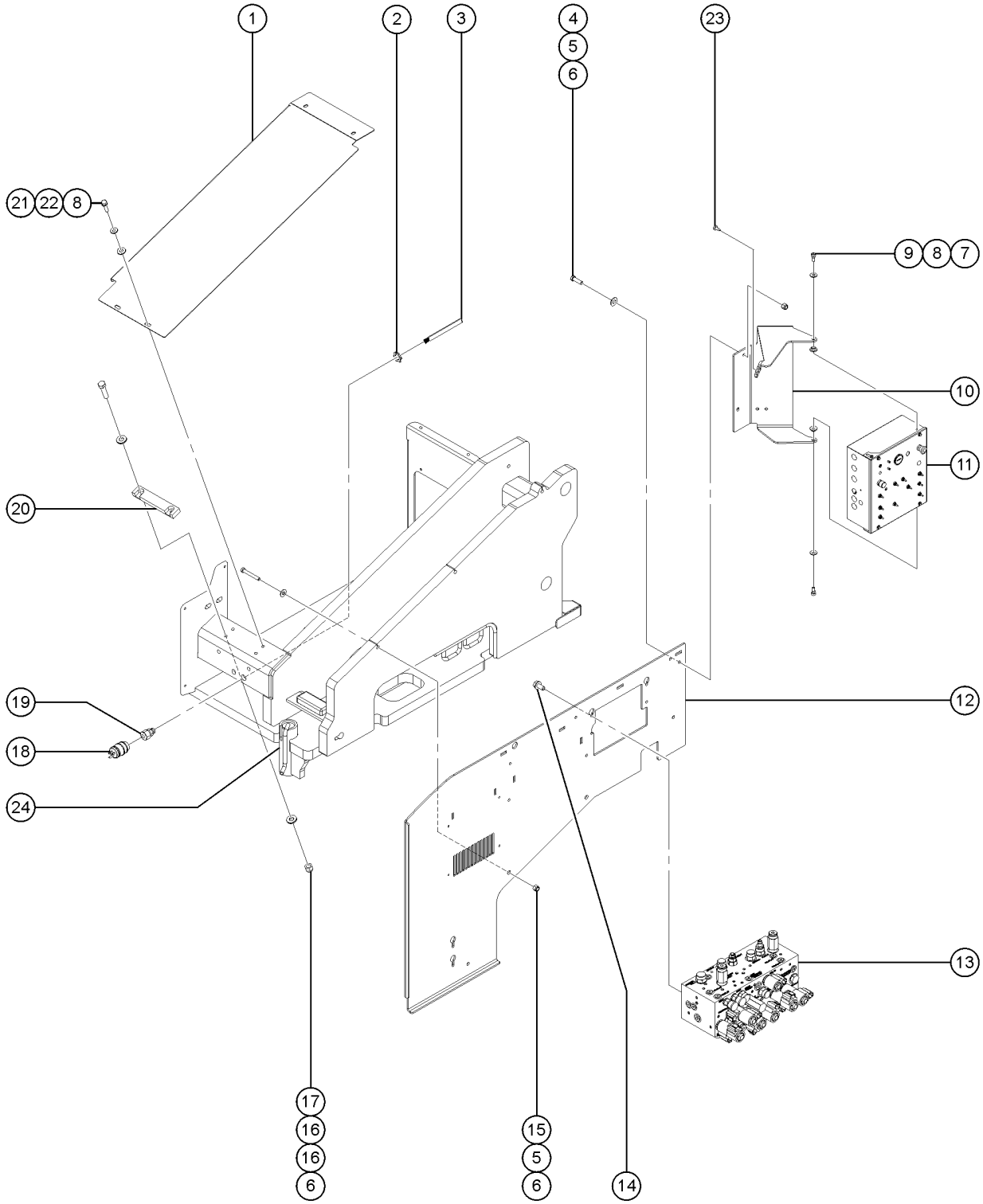
302.2 Gasoline Fuel Tank, Pump, Filter and Hoses



302.2 Gasoline Fuel Tank, Pump, Filter and Hoses

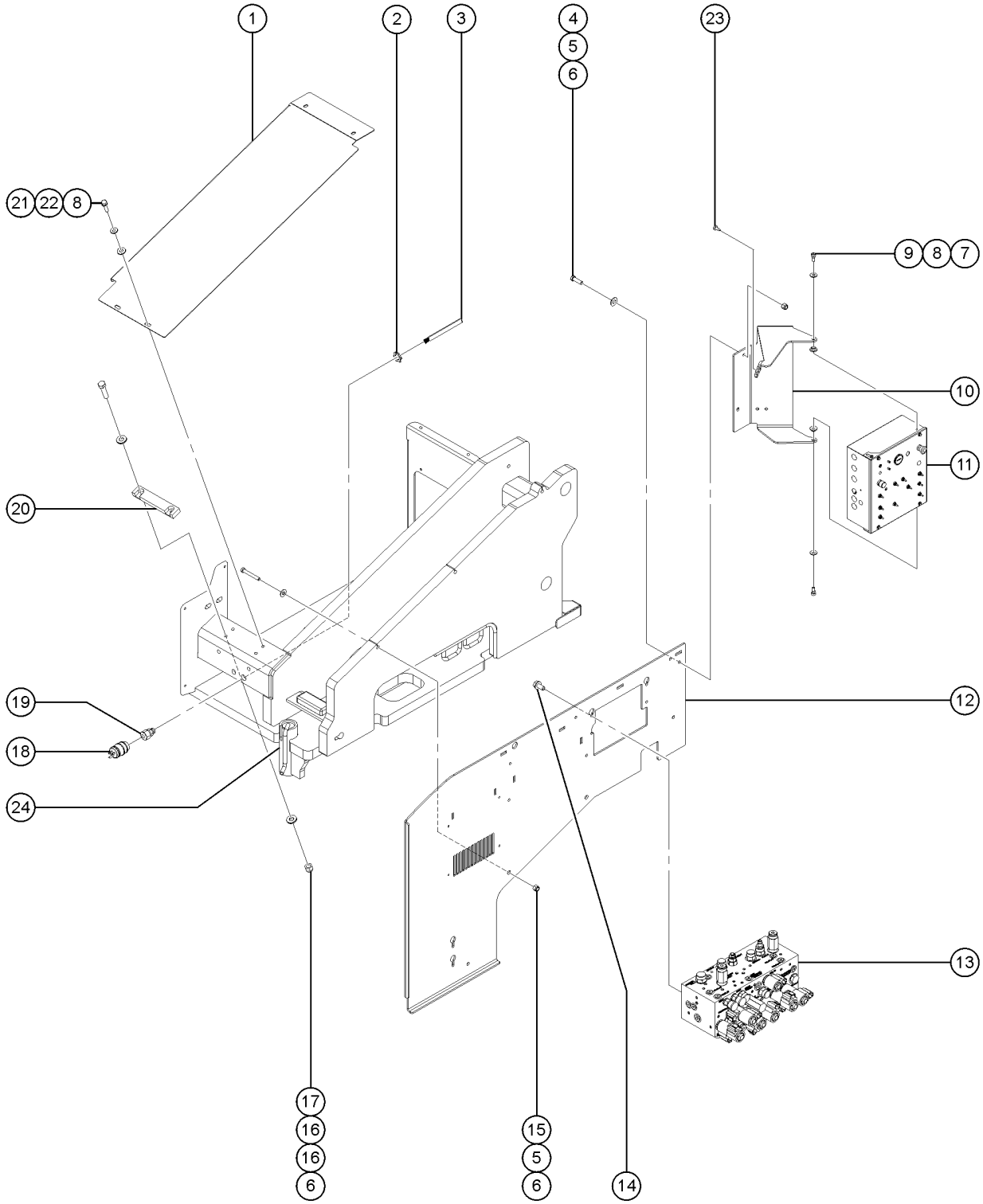
Item	*Part No.*	*Description*	*Qty.*
A	219848GT	ASSY, GASOLINE FUEL TANK	1
A-	94612GT	PLUG,MAGNETIC,SAE-6***	1
1	1274538GT	ASSEMBLY, FUEL TANK, 17 GAL, STD, STEEL	1
2	11818GT	STRAINERBREATHER-FILTER-OIL-(H	2
3	147071GT	FUEL PICKUP,3/8X1/4 NPT X 1675	2
4	824090GT	SCREW,HHF,3/8-16X1,8,ZAG	
5	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	
6	50974GT	BUMPER,RUBBER,COVERS	1
7	111817-1925GT	HOSE ASSY,SAE J2260/J2044	1
8	27497GT	CLAMP,RUBBER CUSHIONED-2 5/32	2
9	119168GT	FUEL PUMP,DSG-423 AND MSG-425	1
10	111817-5625GT	HOSE ASSY,SAE J2260/J2044	1
11	111817-6725GT	HOSE ASSY,SAE J2260/J2044	1
12	119170GT	FUEL SENSOR ASSY.	1
13	111817-4825GT	HOSE ASSY,SAE J2260/J2044	1
14	111817-1025GT	HOSE ASSY,SAE J2260/J2044	1
15	1272019GT	FILTER, FUEL	1
16	218523GT	FORMING, FUEL FILTER BRK.	1
17	218790GT	GROMMET, FUEL FILTER	2
18	128851GT	GAUGE, FUEL TANK, GAS	1
19	119918GT	CAP,FUEL,GASOLINE 3.5PSI	1

303.1 Function Manifold and Ground Control Box Installation



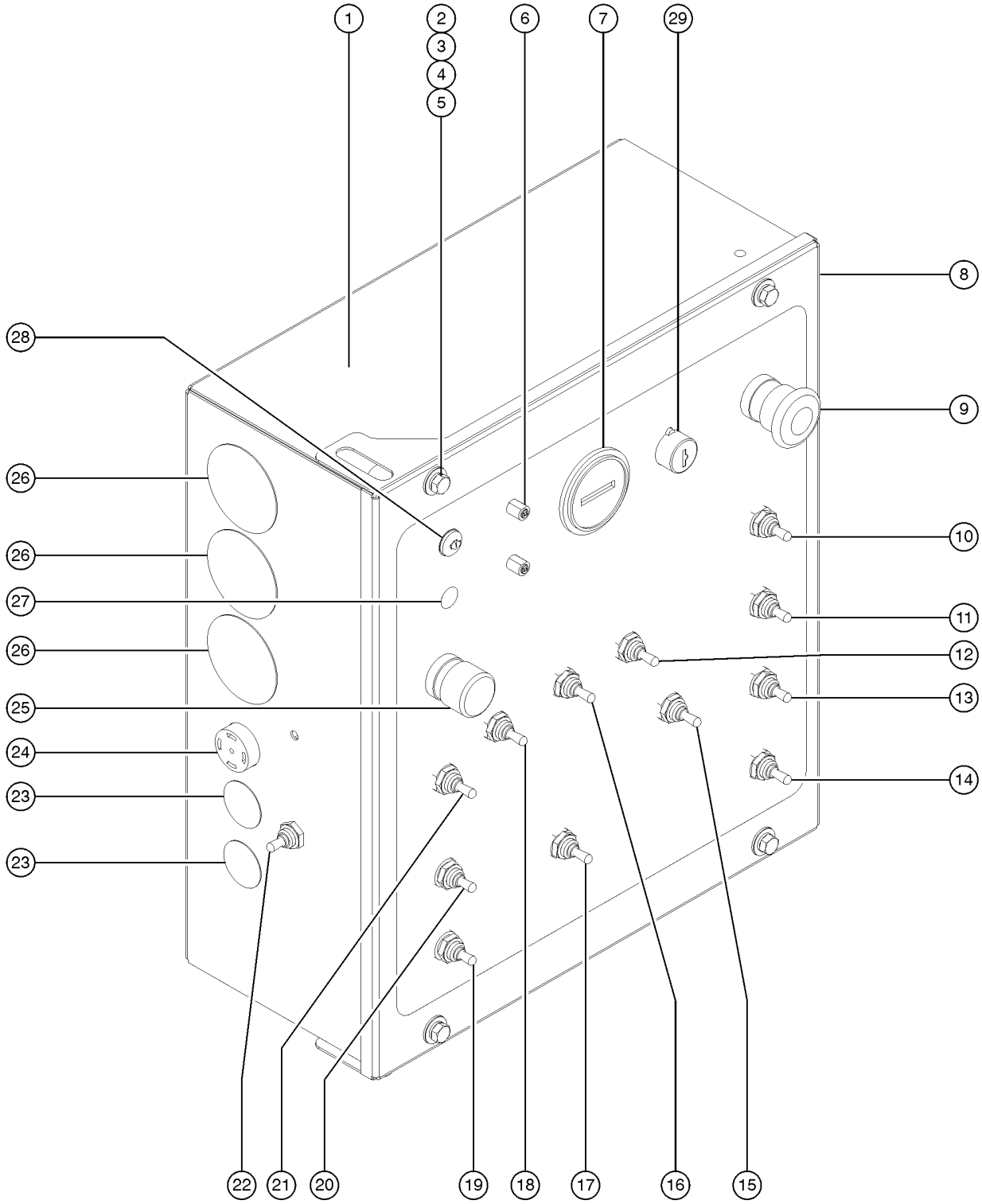
Item	Part No.	Description	Qty.
1	235643GT	COVER,CENTER SWING CHASSIS	1
2	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	1
3	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT*	75 6-inches
4	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
5	6097GT	WASHER, FLAT, USS, 3/8", Y	
6	4828GT	NUT, NYLOCK, 3/8-16	
7	218466GT	SCREW,SHS,1/4-20X.5 ZINC	
8	6638GT	WASHER, FLAT, USS, 1/4"Y	
9	218449GT	WASHER,SHOULDER,NYLON	
10	147011GT	BRACKET,CONTROL BOX MOUNTING	1
11		Ref. Ground Control Box (refer to 304.1 and 305.1)	1
12	147017GT	BULKHEAD,TANK SIDE	1
13		Ref. Function Manifold (refer to 703.1)	1
14	121763GT	SCREW,HHF,3/8-16X.75	
15	14033GT	SCREW, HHC, 3/8-16 X 2.75	
16	5397GT	WASHER, FLAT, USS, 5/16-18	
17	8516GT	SCREW, HCC, 3/8-16 X 1.50	
18	119403GT	CONN,PLUG 120 AC/15A DOMESTIC	1
18-	65737GT	FUSE,13 AMP,220V PLUG***	
18-	119404GT	CONN,RECEP 120AC/15A DOMESTIC	
18-	144161GT	PLUG,PWR,UK,16AMP,3PIN,BLK	
18-	25388GT	PLUG,FUSED,250V,13AMP,U.K.**	
18-	1280665GT	PLUG, TYPE F, 230A, 50HZ, 16A, IP44	
19	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	1
20	50570GT	WEAR PAD,PRIMARY BOOM,NON JIB	1
21	6888GT	SCREW, HHC, 1/4-20 X 1	
22	6356GT	WASHER, LOCK, .25	

303.1 Function Manifold and Ground Control Box Installation



Item	*Part No.*	*Description*	*Qty.*
23	34619GT	BUMPER,RUBBER***	1
24	81834GT	WELDMENT,TRANSPORT LOCK	1

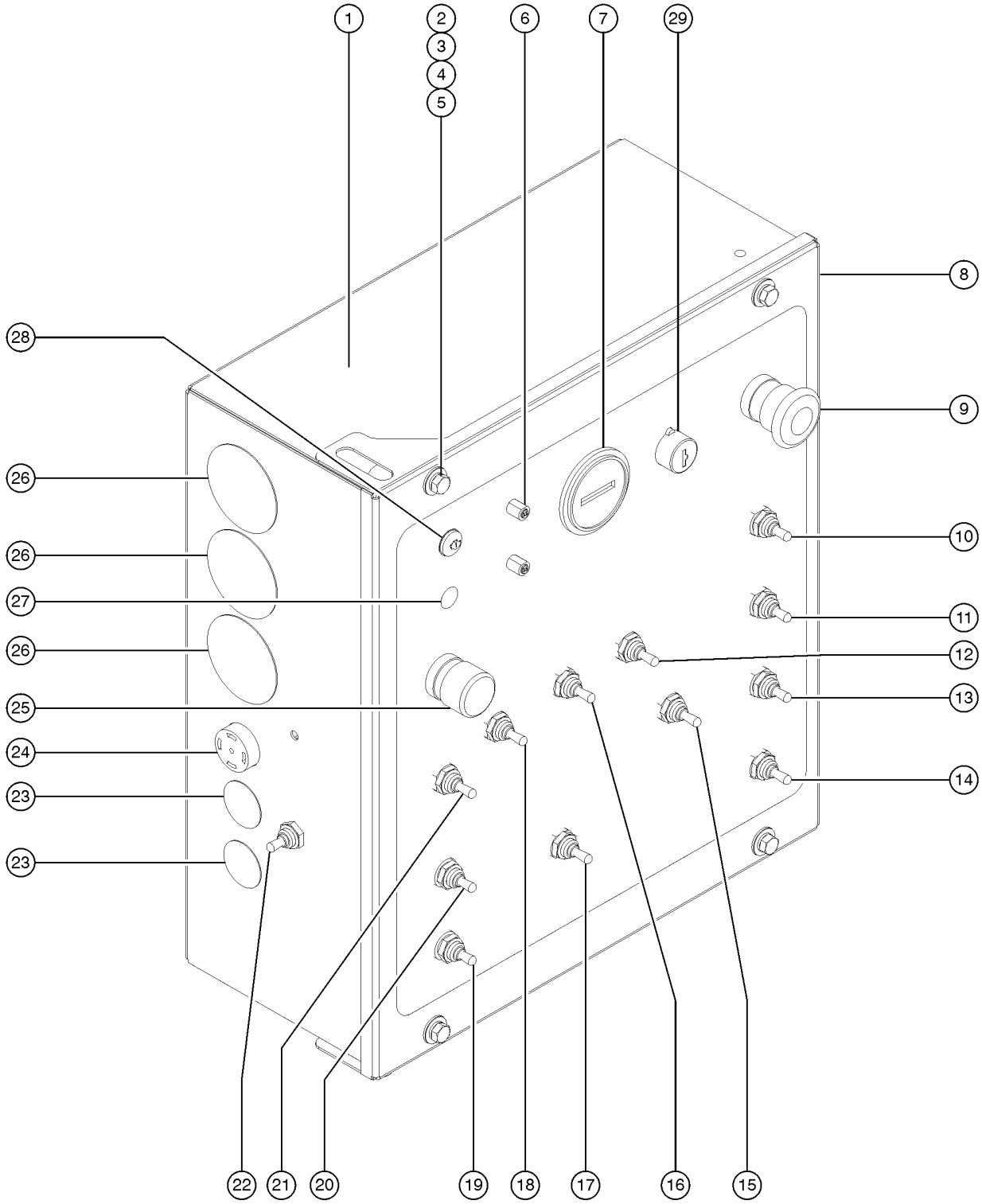
304.1 Ground Control Box, View 1



304.1 Ground Control Box, View 1

Item	Part No.	Description	Qty.
A-	218451GT	ASSEMBLY,GBOX,Z45 DIESEL (complete)	1
B-	218452GT	ASSEMBLY,GBOX,Z45 GAS (complete)	
C-	218090GT	WELDMENT,GROUND CONTROL BOX	1
1	218759GT	GROUND CONTROL BOX	1
2	6090GT	SCREW, HHC, 1/4-20 X .75	
3	6356GT	WASHER, LOCK, .25	
4	6638GT	WASHER, FLAT, USS, 1/4"Y	
5	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD	
6	147090GT	CIRCUIT BREAKER, 15A	2
7	19506GT	HOUR METER, 10-80 VOLTS***	1
8	139804GT	LID,GROUND CONTROL BOX	1
8-	214932GT	DECAL,GROUND CONTROL PANEL	
9	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
9-	66818GT	CONTACT,NC	
9-	73805GT	BASE,W/2 NC CONTACTS*** (includes 2 N.C. contacts)	
10	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT Fuel Select (Gas/LPG); includes boot and hardware	1
10-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
10-	128584-SGT	SWITCH TOGGLE SPDT 2P MNT SHDR	
10-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
11	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT Engine idle (rpm) select switch; includes boot and hardware (refer to item 10 for lower-level components)	1
12	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Primary boom up/down; includes boot and hardware (refer to item 10 for lower-level components)	1
13	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Glow plug switch (Diesel); includes boot and hardware (refer to item 10 for lower-level components)	1
14	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Engine start switch; includes boot and hardware (refer to item 10 for lower-level components)	1
15	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Secondary boom up/down; includes boot and hardware (refer to item 10 for lower-level components)	1
16	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Primary boom Ext/Ret; includes boot and hardware (refer to item 10 for lower-level components)	1
17	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Turntable rotate; includes boot and hardware (refer to item 10 for lower-level components)	1

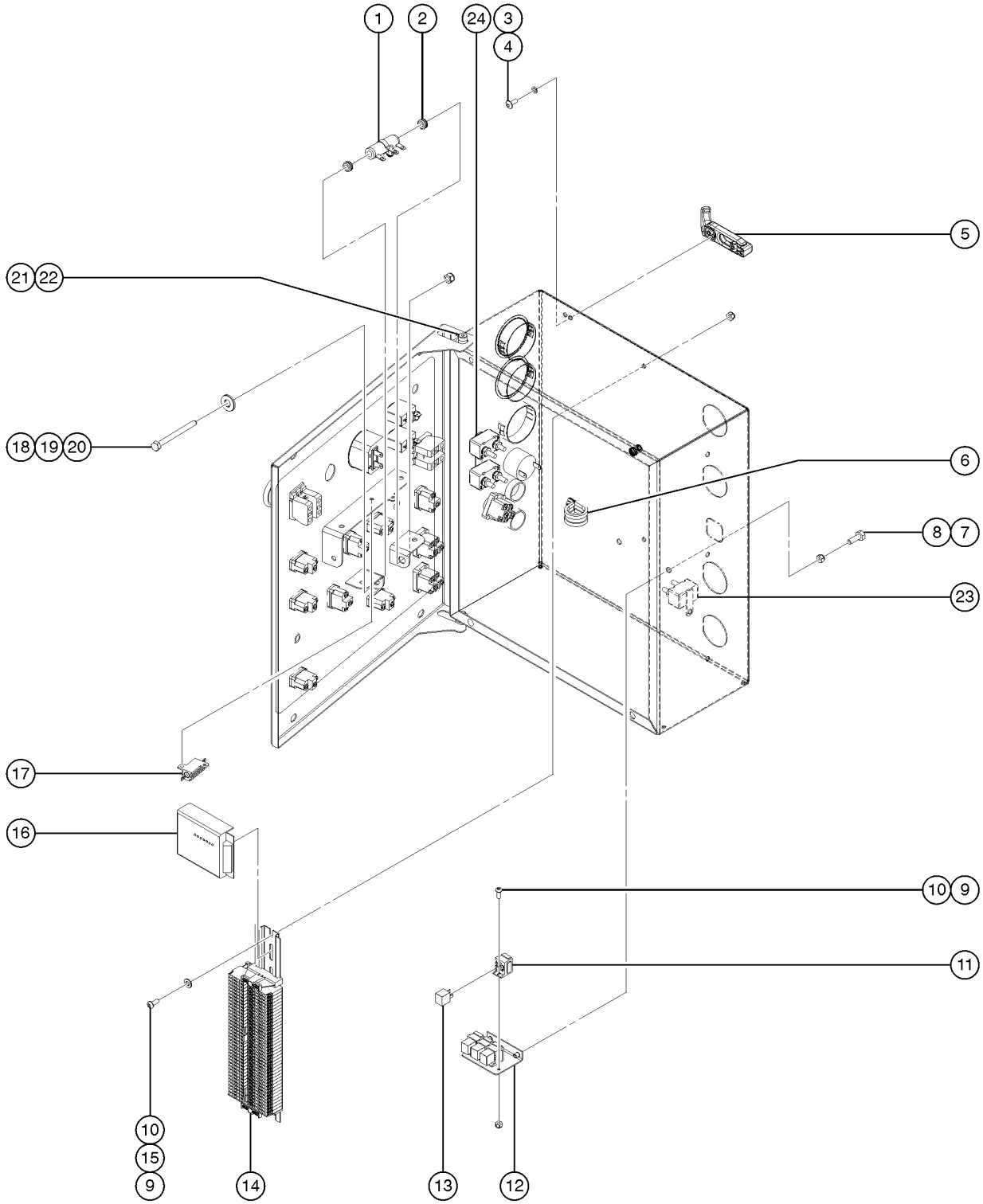
304.1 Ground Control Box, View 1



304.1 Ground Control Box, View 1

Item	Part No.	Description	Qty.
18	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Jib boom up/down; includes boot and hardware (refer to item 10 for lower-level components)	1
19	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM Emergency lowering; includes boot and hardware (refer to item 10 for lower-level components)	1
20	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Platform rotate; includes boot and hardware (refer to item 10 for lower-level components)	1
21	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Platform level; includes boot and hardware (refer to item 10 for lower-level components)	1
22	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM (for Gas/LPG models only) (refer to item 10 for lower-level components)	1
23	45385GT	PLUG,NYLON 1.12 BLACK DOMED	2
24A	39540GT	ALARM, STEADY TONE*** order 72326 mounting ring separately	1
24B	72326GT	NUT - PLASTIC, RING FOR ALARMS for 39540	
25	66813GT	BUTTON,PUSH,BLACK W/SEAL***	1
25-	66816GT	CONTACT,N.O.***	
25-	66814GT	BASE,WITH 2 N.O. CONTACTS*** (includes 2 N.C. contacts)	
26	81900GT	PLUG,NYLON 2.093 BLACK DOMED	3
27	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	1
28A	824879GT	LIGHT,LED IND. RED 12V NH (for Diesel models only), original component no longer available	1
28B	824882GT	LT.LAMP IND. AMBER 12V ENG.NH (for Gas/LPG models only)	1
29A	96008-SGT	KEYSWITCH,3 POS. W/KEYS***	1
29A-	83093GT	KEY SINGLE***	
29A-	94506GT	BASE,W/3 NC CONTACTS	
29B	83131GT	KEYSWITCH,3 POS W/KEYS,LOCKING	1
29B-	83093GT	KEY SINGLE***	
29B-	85239GT	RETAINER NUT (96008)***	

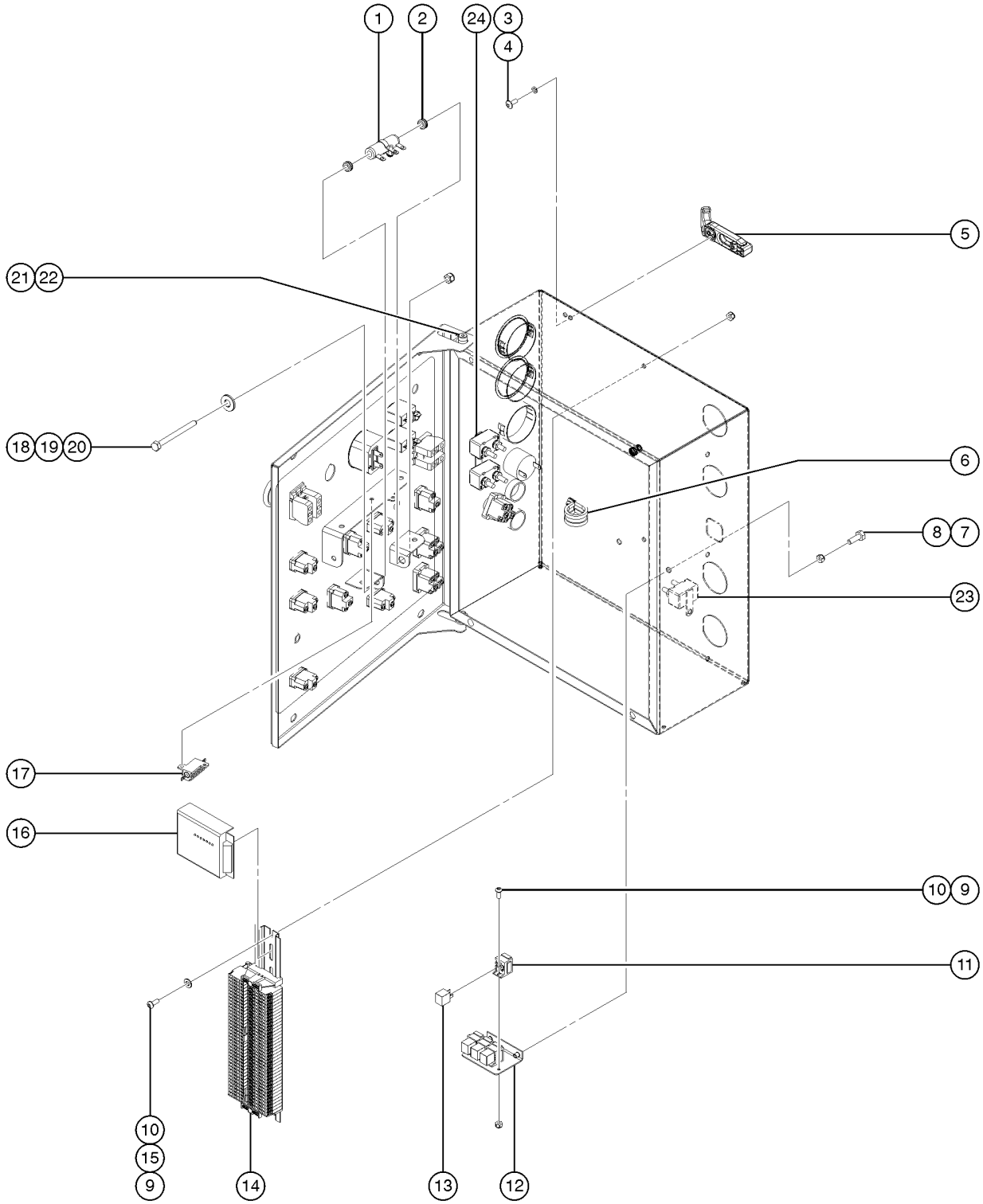
305.1 Ground Control Box, View 2



305.1 Ground Control Box, View 2

Item	Part No.	Description	Qty.
1	101010GT	RESISTOR,20 OHMS,25W,ADJ***	1
2	42646GT	GROMMET,RUBBER .25 X .50"OD	2
3	56055GT	SCREW,PHILLIPS TRUSSHEAD	
4	6607GT	WASHER,LOCK,#10 PLTD	
5	56053GT	LATCH,FLEXIBLE DRAW	1
6	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH	1
7	6090GT	SCREW, HHC, 1/4-20 X .75	
8	6356GT	WASHER, LOCK, .25	
9	54365GT	SCREW,PHIL,PHM,10-32 X .5,SSTL	
10	6178GT	NUT, NYLOCK, 10-32	
11	34053GT	ASSY,RELAY SOCKET, AUTO	4
11-		RELAY SOCKET,AUTO component of 34053	
11-		RELAY SOCKET,AUTO,RETAINER*** component of 34053	
12	54534GT	ANGLE,RELAY MNT,W/NUTSERTS,PNT	1
12-	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD	
13	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN**	4
13-	34054GT	TERM,RELAY N-INSULATED 10-12 G	
13-	34055GT	TERM RELAY,N-INSULATE 14-16 GA	
13-	34053GT	ASSY,RELAY SOCKET, AUTO	
13-		RELAY SOCKET,AUTO,RETAINER*** component of 34053	
14	217812GT	ASSY, TERMINAL RAIL, Z45IC	1
14-	56994GT	DIN RAIL,11.25"	
14-	216791GT	TERMINAL BLOCK,WIELAND	
14-	216793GT	TERMINAL BLOCK END PLATE	
14-	74913GT	END STOP, DIN RAIL,SCREW CLAMP	
14-	74917GT	JUMPER COMB, 2-WAY,WIELAND	
15	6146GT	WASHER,FLAT,MS,#10,Y	
16	56057GT	MODULE,IGNITION/START,12/24V	1

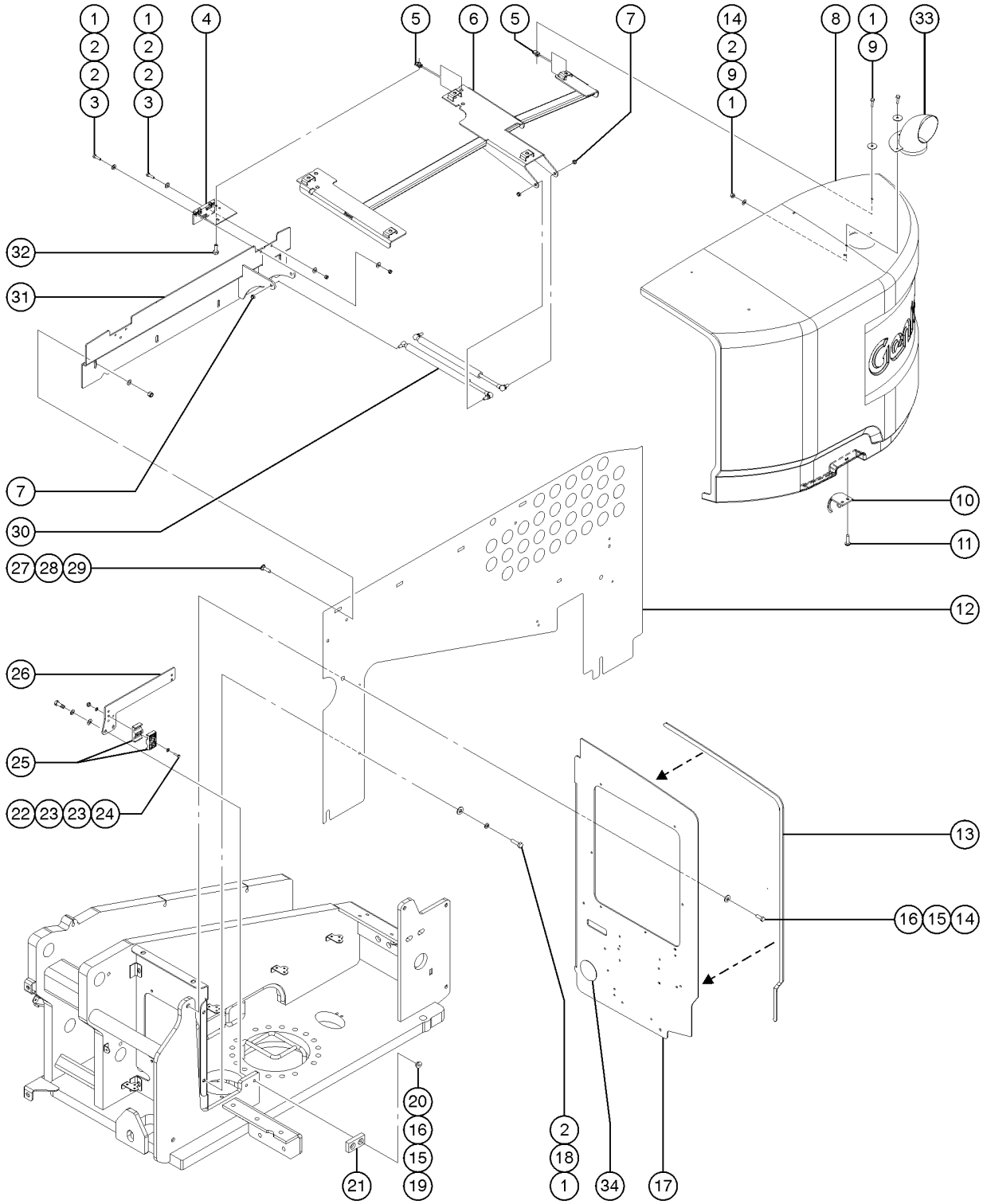
305.1 Ground Control Box, View 2



305.1 Ground Control Box, View 2

Item	*Part No.*	*Description*	*Qty.*
17	89575GT	RESISTOR,7.5 OHM,25 WATT,1PCNT	1
17-	6272GT	RIVET,STL,STL,P,.125 X .25	
18	12343GT	SCREW,HHC,1/4-20 X 3	
19	5397GT	WASHER, FLAT, USS, 5/16-18	
20	6091GT	NUT,NYLOCK,1/4-20	
21	88315GT	SCREW,SHS,1/4-20 X .25 ZINC SUPERSEDE; USE UNTIL EXHAUSTED	
21A	1263233GT	BOLT,SHS,5/16X.25X1/4-20,8,ZAG REPLACES 88315	
22	218449GT	WASHER,SHOULDER,NYLON	
23	128829GT	CIRCUIT BRKR 15A TYPE 2 METAL self resetting (for oil cooler & light package options)	1
24	128829GT	CIRCUIT BRKR 15A TYPE 2 METAL self resetting (RPM solenoid)	2

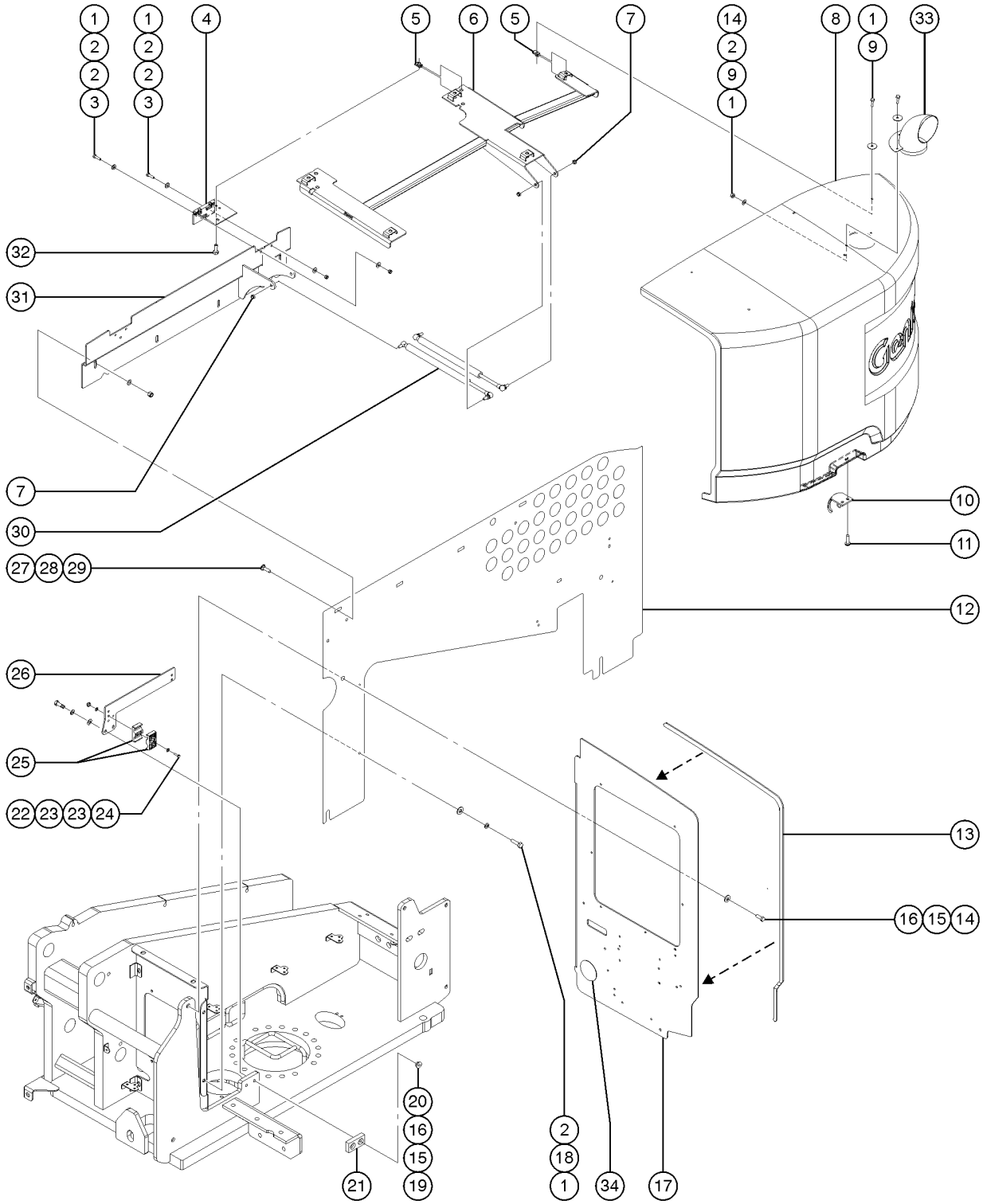
306.1 Turntable Cover, Engine Side



306.1 Turntable Cover, Engine Side

Item	Part No.	Description	Qty.
1	6888GT	SCREW, HHC, 1/4-20 X 1	
2	6638GT	WASHER, FLAT, USS, 1/4"Y	
3	6091GT	NUT,NYLOCK,1/4-20	
4	75073GT	HINGE,.375X.120THK.,SLOTTED	2
5	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	5
6	231601GT	WELD, COVER SUPPORT LH	1
7	6002GT	NUT, LP NYLOCK, 5/16-18	4
8	139955GT	COVER,ENGINE SIDE	1
9	12906GT	WASHER,FENDER,.25 X 1.25 X.062	5
10	75076GT	KEEPER,LATCH (45363)	1
11	54322GT	SCREW,10-32 X.625,SF.TAP.PHIL	2
12	147018GT	BULKHEAD,ENGINE SIDE	1
13	139261-5900GT	TRIM EDGE,3/16X3/4 BULB	1
14	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
15	6021GT	WASHER, LOCK, .375	
16	5397GT	WASHER, FLAT, USS, 5/16-18	
17	231563GT	BULKHEAD, COOLING AIR	1
18	6356GT	WASHER, LOCK, .25	
19	48425GT	NUT,FLG-LRG,3/8-16,YZ	
20	8516GT	SCREW, HCC, 3/8-16 X 1.50	
21	81640GT	WEAR PAD,3 X 1.5 X.625 W/NUTS (includes item 19)	1
22	6637GT	SCREW,HHC,1/4-20 X 1.75	
23	6638GT	WASHER, FLAT, USS, 1/4"Y	
24	6091GT	NUT,NYLOCK,1/4-20	
25	78736GT	CLAMP,2 HOSE,PLASTIC	4
26	217518GT	BRACKET,BATTERY CABLE	
27	105092GT	BOLT,CARRIAGE,3/8-16X1.25,GR5	
28	87684GT	PUSHRETAINER FOR 3/8"THRD SCREW	4

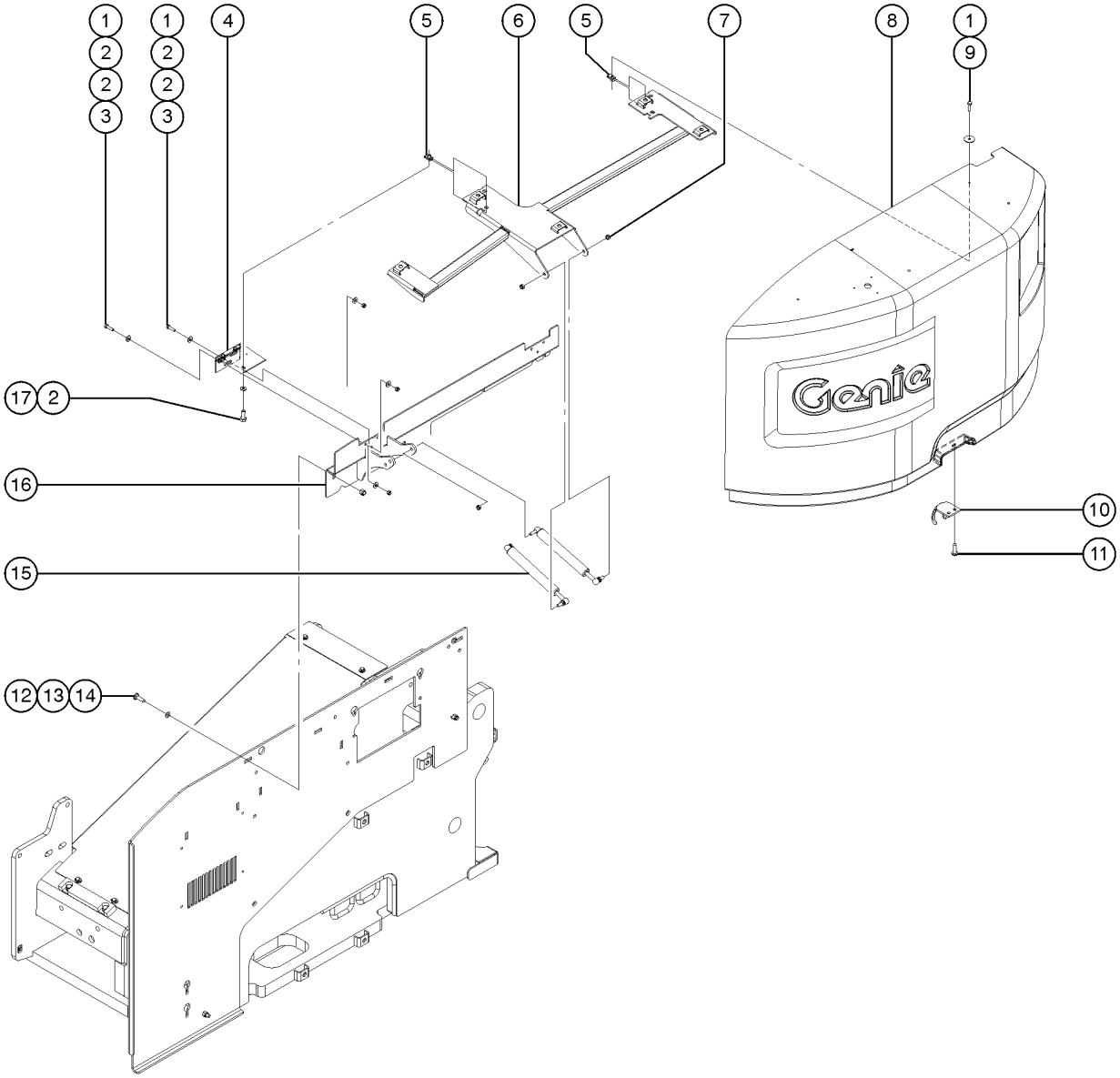
306.1 Turntable Cover, Engine Side



306.1 Turntable Cover, Engine Side

Item	*Part No.*	*Description*	*Qty.*
29	4828GT	NUT, NYLOCK, 3/8-16	
30	106069GT	STRUT,GAS,200 LB***	2
30-	33555GT	BALL STUD**	
31	219080GT	WLDMT, BULKHEAD HINGE MNT, ES	1
32	6090GT	SCREW, HHC, 1/4-20 X .75	
33	101964GT	WELDMENT,EXHAUST TUBE	1
34	123572GT	HOLE PLUG, 3 IN	1

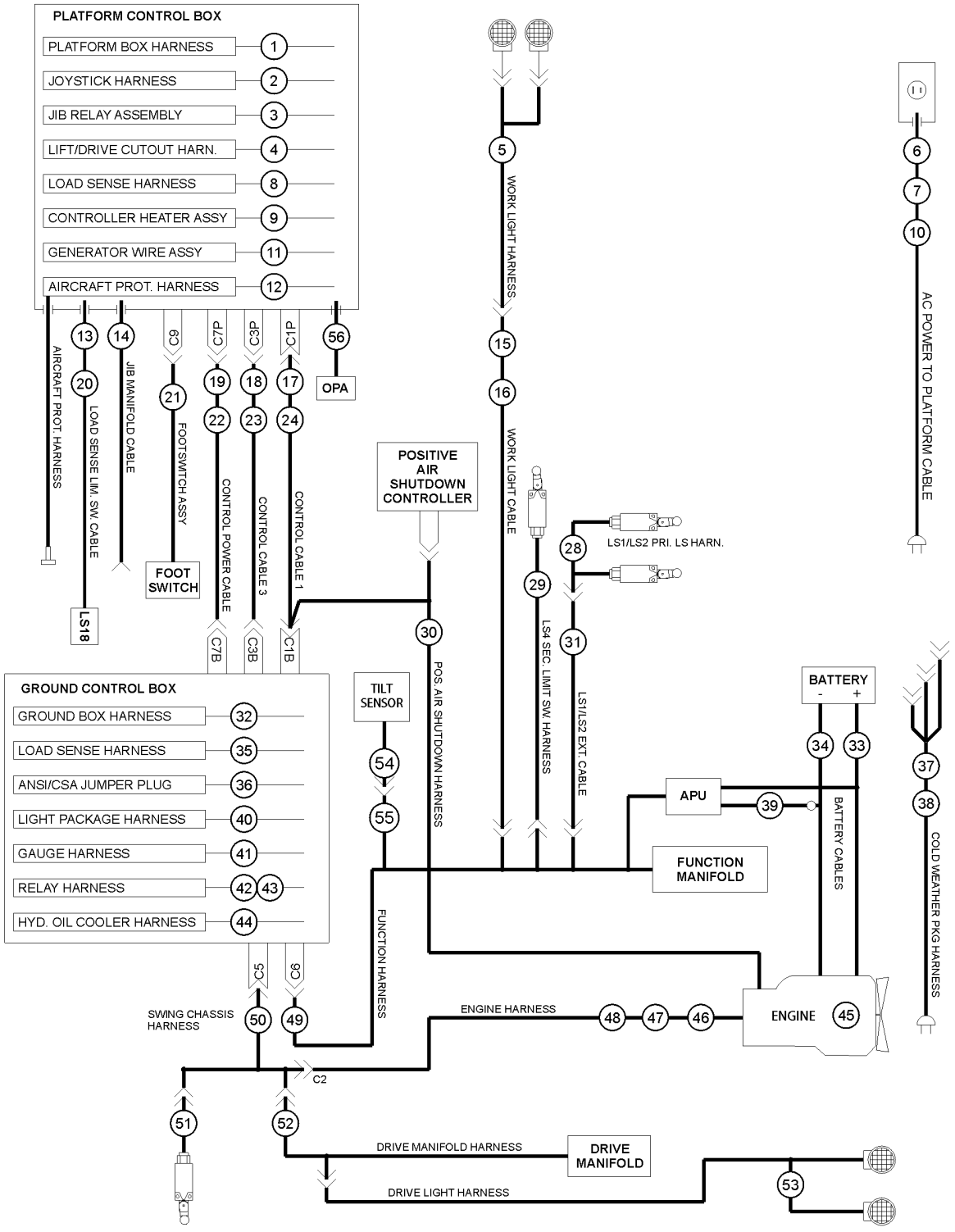
307.1 Turntable Cover, Tank Side



307.1 Turntable Cover, Tank Side

Item	Part No.	Description	Qty.
1	6888GT	SCREW, HHC, 1/4-20 X 1	
2	6638GT	WASHER, FLAT, USS, 1/4"Y	
3	6091GT	NUT,NYLOCK,1/4-20	
4	75073GT	HINGE,.375X.120THK.,SLOTTED	2
5	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	5
6	231597GT	WLDMT, COVER SUPPORT RH	1
7	6002GT	NUT, LP NYLOCK, 5/16-18	4
8	139957GT	COVER, TANK SIDE	1
9	12906GT	WASHER,FENDER,.25 X 1.25 X.062	
10	75076GT	KEEPER,LATCH (45363)	1
11	54322GT	SCREW,10-32 X.625,SF.TAP.PHIL	2
12	105092GT	BOLT,CARRIAGE,3/8-16X1.25,GR5	
13	87684GT	PUSHRETAINER FOR 3/8"THRD SCREW	
14	4828GT	NUT, NYLOCK, 3/8-16	
15	139241GT	STRUT,GAS,14",200LBS.	2
15-	33555GT	BALL STUD**	
16	219079GT	WLDMT, BULKHEAD HINGE MNT, TS	
17	6090GT	SCREW, HHC, 1/4-20 X .75	

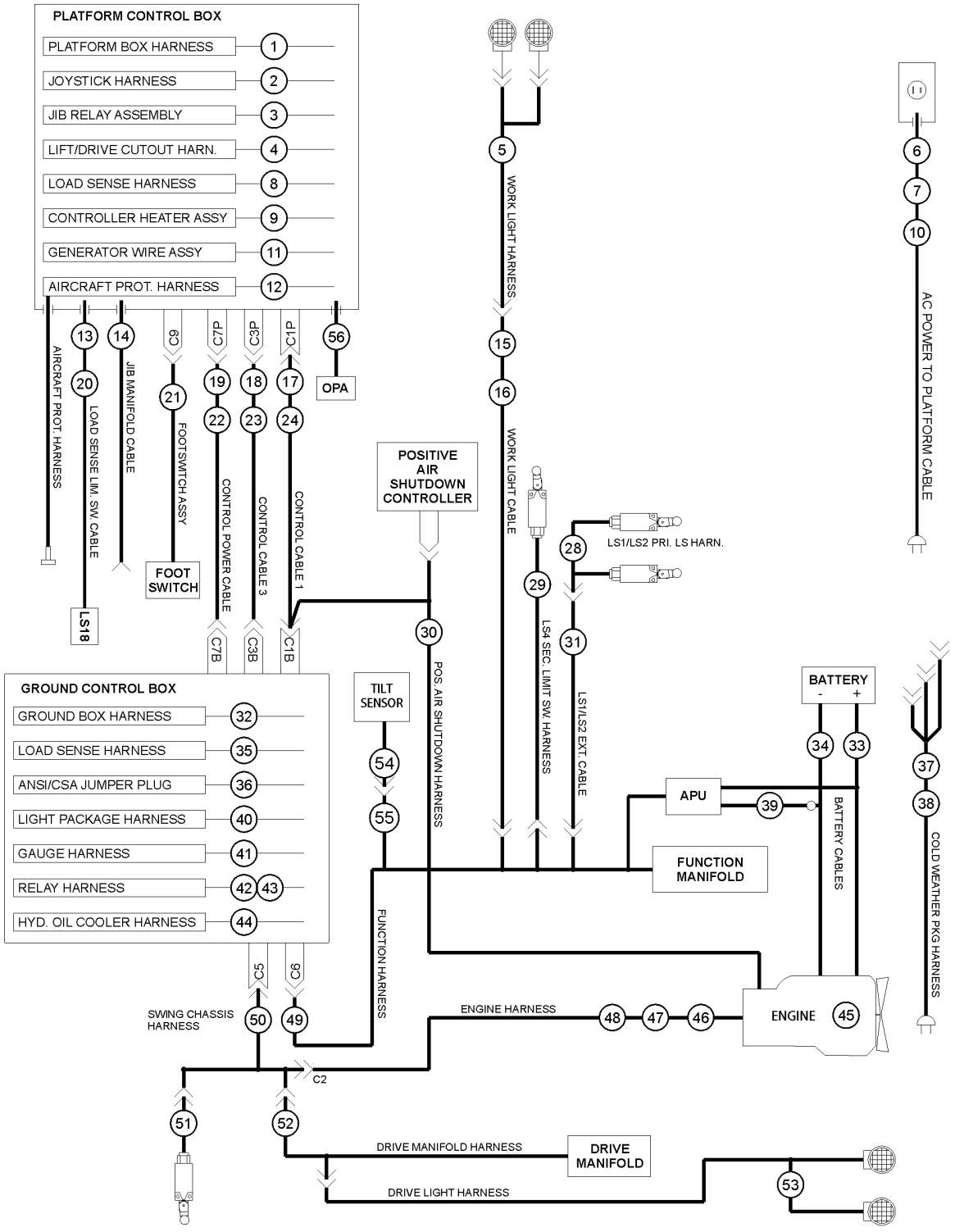
308.1 Wire Harness Diagram, View 1



308.1 Wire Harness Diagram, View 1

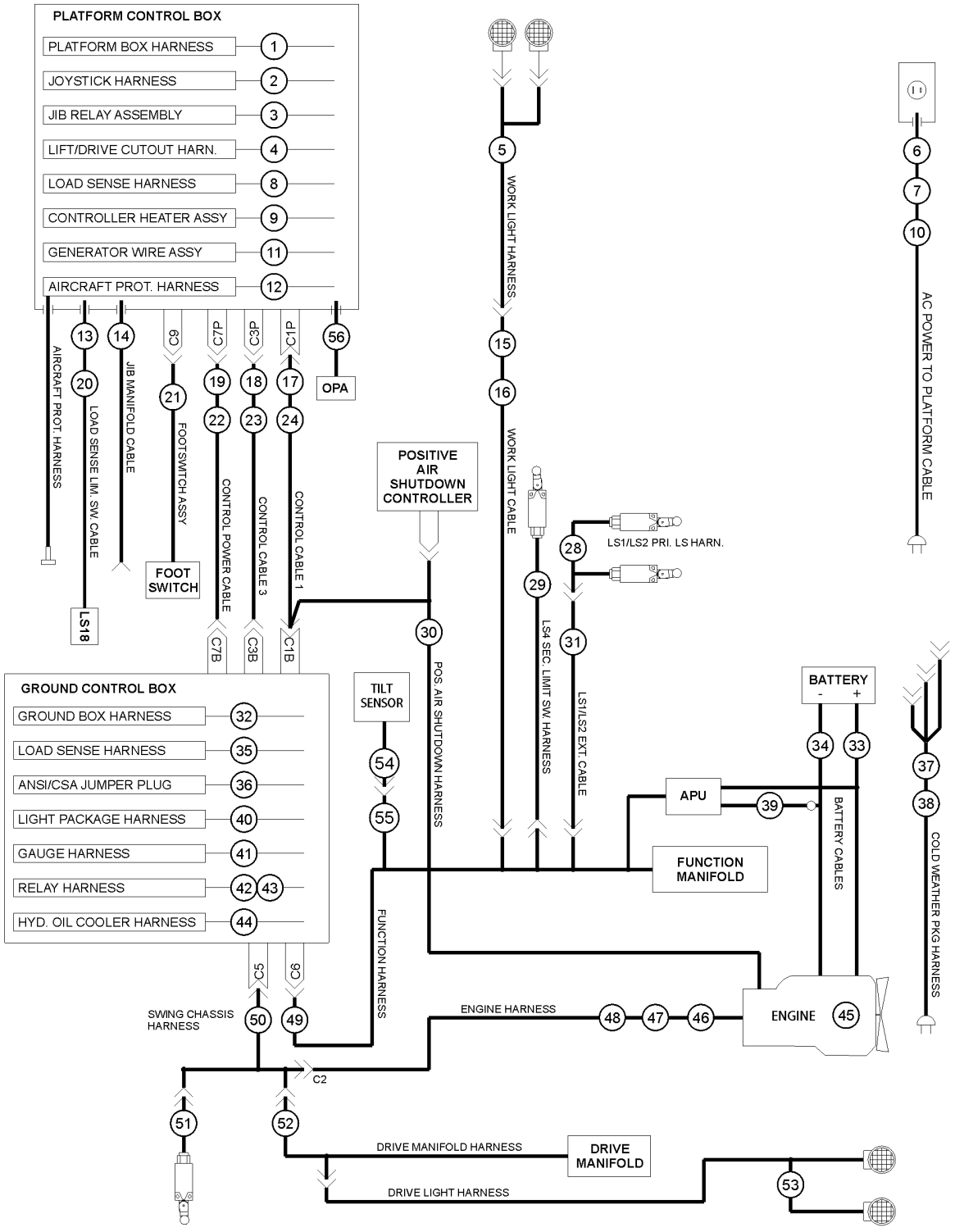
Item	Part No.	Description	Qty.
B	1264822GT	KIT, TRC RETROFIT, STNDRD Telematics (includes 1264834)	
B-	1264834GT	INSTRN, TRC RETROFIT, STNDRD	
1	218198GT	HARNESS,PBOX,Z45IC	1
2	218781GT	HARNESS,JOYSTICK	1
3	219843GT	HARN,JIB OPTION,PBOX,Z45/Z51	1
4	219670GT	HARN,LIFT/DRIVE CUTOUT,Z45IC/Z51	1
5	T114627GT	HARNESS,12V WORK LIGHTS	1
6	30794GT	WIRE,12/3 SJEOW,BK-WH-GR/YL Z-45/25	756-inches
7	30794GT	WIRE,12/3 SJEOW,BK-WH-GR/YL Z-45/25J	756-inches
8	218657GT	HARN,JUMPER,LOAD SENSE,PBOX	1
8-	121847GT	RELAY,TIME DELAY,2 SEC,30A	
9		ASSY,ALC500 HEATER,Z45/Z51 (219683) component no longer available	1
10	30794GT	WIRE,12/3 SJEOW,BK-WH-GR/YL Z-51/30	797-inches
11	219672GT	HARNESS,GENERATOR,PBOX,Z45/51	1
12	219680GT	HARN,AIRCRAFT PROT.,PBOX,Z45 (see PN 27391 for Proximity Sensor)	1
13	121848GT	ASSY,LS,LOAD SENSE,38.5 IN CE	1
14	101080GT	HARNESS,JIB SELECT MANIFOLD	1
15	160554GT	HARN,CABLE,WORK LIGHTS,Z45 Z-45/25 and Z-45/25J	1
16	161173GT	HARN,CABLE,WORK LIGHTS,Z51 Z-51/30	1
17	217896GT	HARNESS,CONTROL CABLE 1,JIB Z-45/25J	1
18	217897GT	HARNESS,CONTROL CABLE 3,JIB Z-45/25J	1
19	217898GT	HARN,CABLE,POWER TO PLAT,Z45J 697 inches, Z-45/25J	1
20	147786GT	ASSY, LS, LOAD SENSE, 89 IN	1
21	227617GT	ASSEMBLY,FOOT SWITCH	1
22	217901GT	HARN 12/3 CABLE2,Z45 715 inches, Z-45/25	1
23	217900GT	HARN,CONTROL CABLE3,Z45 Z-45/25	1

308.1 Wire Harness Diagram, View 1



Item	Part No.	Description	Qty.
24	217899GT	HARN,CONTROL CABLE1,Z45 Z-45/25	1
28	88725GT	HARNESS,LS,PRIM/EXT	1
29	218684GT	HARNESS,LS SEC UP/DOWN	1
30	219681GT	HARN,POS. AIR SHUTDOWN,Z45IC (option)	1
31	218685GT	HARNESS,LS EXTEND PIGTAIL	1
32	218195GT	HARNESS,GBOX,Z45IC	1
33	218454GT	BATTERY CABLE,POSITIVE,RED	1
34	218455GT	BATTERY CABLE,NEGATIVE,BLACK	1
35	219305GT	HARNESS,JUMPER,LOAD SENSE,GBOX	1
36	88832GT	HARNESS,PLUG,NON-LOAD WEIGHING	1
37	161078GT	ASSY,240V COLD WEATHER PKG. (option)	1
38	161079GT	ASSY,120V COLD WEATHER PKG. (option)	1
39	218506GT	BATTERY CABLE,NEGATIVE,APU	1
40	219685GT	HARNESS,RELAY,LIGHT PKG,Z45/51	1
41	219673GT	HARNESS,GAUGE,Z45/51	1
42	218196GT	HARNESS,RELAY,GBOX,Z45IC	1
43	218197GT	HARNESS,RELAY,GBOX,Z45 GAS/LP	1
44	220234GT	HARNESS,RELAY,OIL COOLER (option)	1
45	160681GT	HARN,2ND GLOW PLUG,DTZ	1
46	217903GT	HARN FORD ENGINE Z45-2012	1
47	217902GT	HARN PERKINS ENGINE Z45-2012	1
48	216339GT	HARN DEUTZ ENGINE Z45-20	1
49	217957GT	HARN, FUNCTION MANIFOLD,Z45IC	1
50	217782GT	HARN,SWING CHASSIS,Z45IC/Z51	1
51	110160GT	HARNESS,LS,D.E. Z45	1
52	217904GT	HARN BRAKE-MS ADAPTER CABLE	1
53	219684GT	HARN,DRIVE LIGHTS,Z45/Z51	1
54	1264947GT	KIT, LEVEL SENSOR, 6 PIN CONN For ANSI/CSA models with 6-pin wire harness connector, includes instructions	1

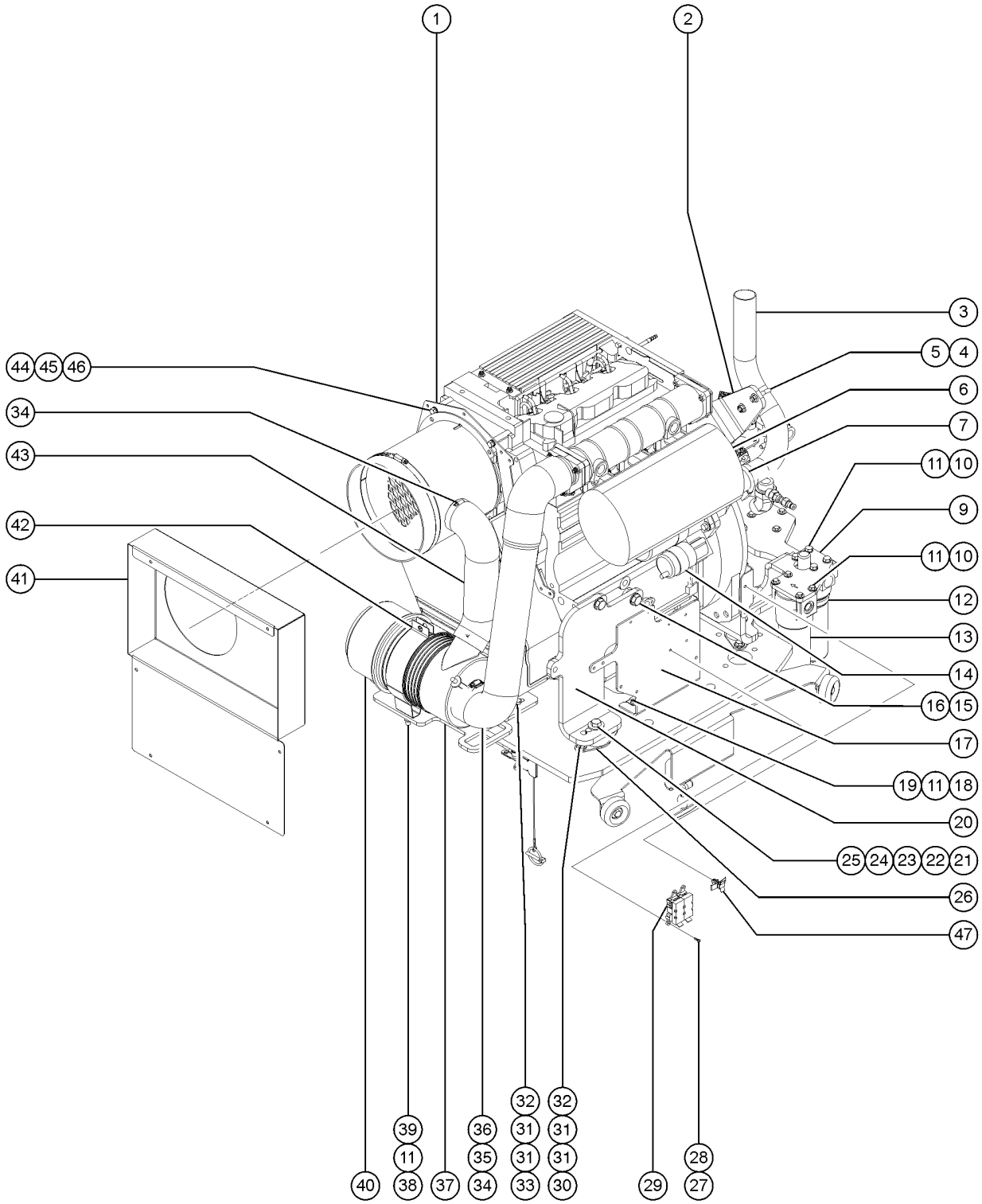
308.1 Wire Harness Diagram, View 1



308.1 Wire Harness Diagram, View 1

Item	*Part No.*	*Description*	*Qty.*
55	1260218GT	HARNESS,TILT ALARM,12V for CSA models	1
56A	1255555GT	HARN,PBOX,OPA,HW,12V	1
56B	1255030GT	PLUG,BLANKING	1

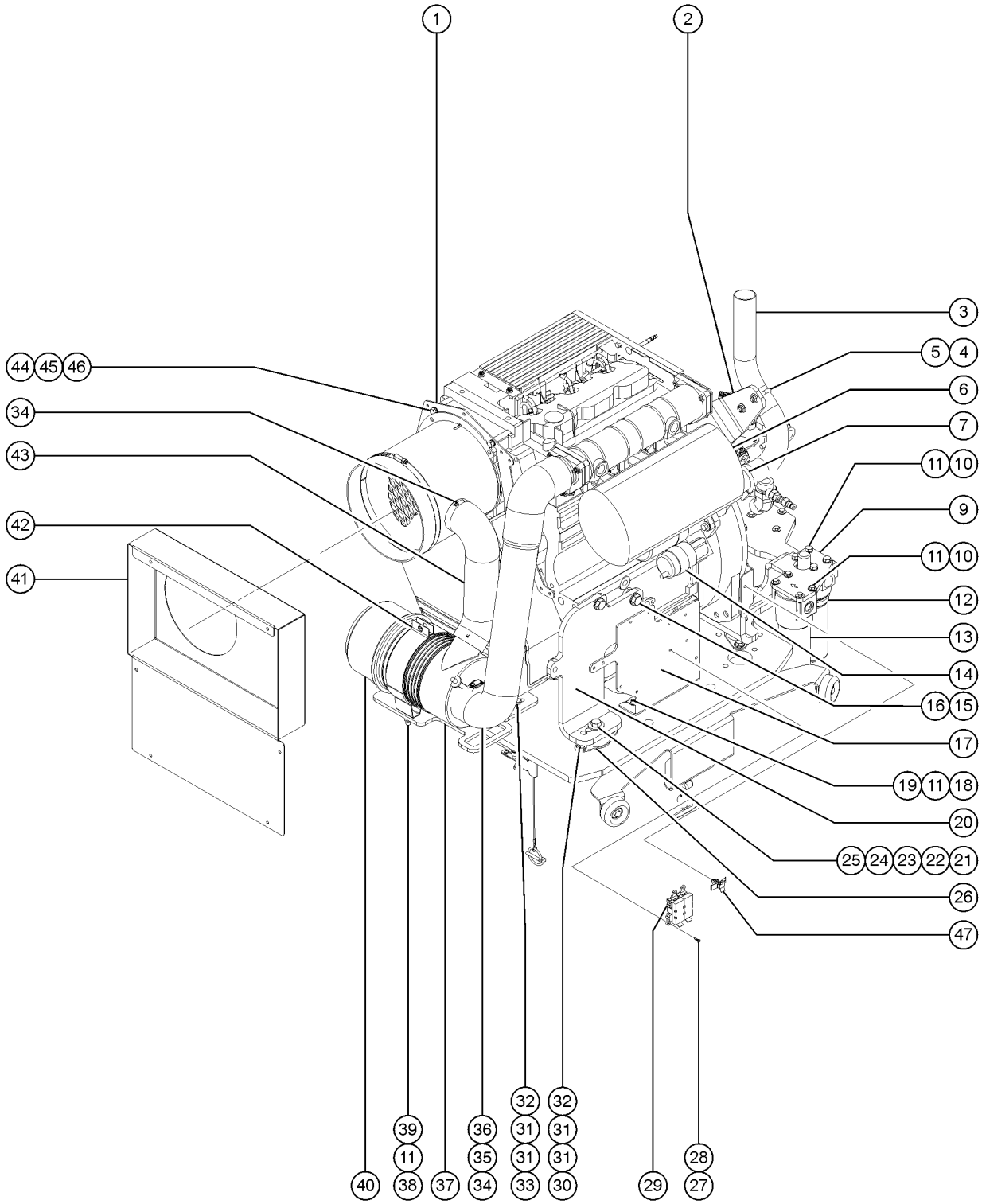
401.1 Deutz D2011L03 Engine, View 1



401.1 Deutz D2011L03 Engine, View 1

Item	Part No.	Description	Qty.
B-	35499GT	GUIDE RING,STANDARD	
C-	139624GT	SWITCH, OIL PRESSURE 1.5 BAR	
D-	111445GT	SENDING UNIT,OIL TEMP SWCH,DTZ	
E-	65849GT	CONNECTOR KIT, DEUTZ**	
E-	1259374GT	PIN, DEUTZ (FOR PN 65849) for 65849	
E-	1259375GT	PLUG, DEUTZ (FOR PN 65849) for 65849	
1	216340GT	MOUNTING BRKT.FRONT HARNESS	1
2	101138GT	BRACKET,MUFFLER,DEUTZ 3 CYL***	1
3	219668GT	EXHAUST PIPE, DEUTZ 3 CYL DSL	1
4	80391GT	U-BOLT,5/16 -18 X 2IN**	
5	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	
6	32695GT	MUFFLER,DEUTZ	1
6-	29559GT	GASKET,EXHAUST	
7	70385GT	CLAMP,EXHAUST,2.00 PLATED	1
8	6175GT	SCREW,HHC,3/8-16 X 1	
9	235654GT	FORMING,OIL FILTER BRACKET	1
10	6090GT	SCREW, HHC, 1/4-20 X .75	
11	6638GT	WASHER, FLAT, USS, 1/4"Y	
12	60334GT	FILTER ASSY,HIGH PRESS SAE-12*	1
12-	60857GT	FILTER,ELEMENT,BETA(5)=1000	
12-	58222GT	O-RING,FILTER ASSY (60334)***	
12-	58223GT	SEAL,FILTER ASSY (60334)***	
12-	58380GT	FILTER INDICATOR-(60334)	
13		FILTER ASY,M PRESS,SAE8,WOIND* (77139) component no longer available	1
13-	60857GT	FILTER,ELEMENT,BETA(5)=1000 for 77139	
13A	1267807GT	ASSEMBLY, MED. PRESS. FILTER, SAE8	
13A-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS for 1267807	
14	139709GT	STARTER, 12V	1

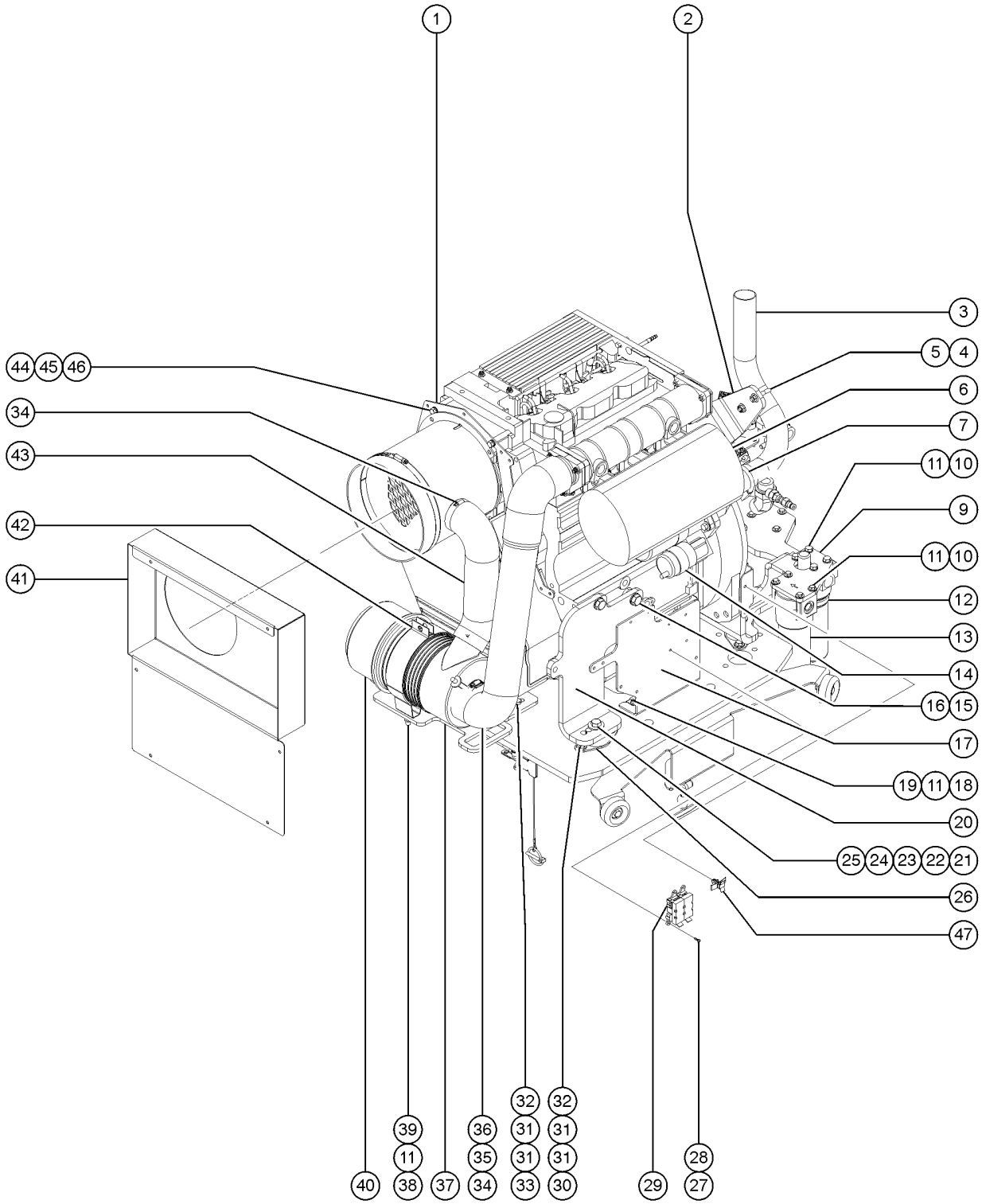
401.1 Deutz D2011L03 Engine, View 1



401.1 Deutz D2011L03 Engine, View 1

Item	Part No.	Description	Qty.
14-	139622GT	HEAT SHIELD,DEUTZ STARTER	
14-	139709GT	STARTER, 12V	
15	22558GT	SCREW,HHC,M14 X 40MM,GR 8.8	9
16	49411GT	WASHER,FLAT,M14	
17	216343GT	MOUNTING BRKT,ELECTRICAL PANEL	1
18	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	2
19	8915GT	SCREW, HHC, 1/4-20 X 1.25	
20	70461PGT	FORMING,ENGINE MOUNT,FL PAINT*	1
21	8357GT	SCREW, HHC, 1/2-13 X 3.5	
22	6095GT	WASHER,FLAT,USS,1/2",Y	
23	101729GT	WASHER,VIBRATION ISOLATING	
24	24040GT	WASHER, 1/2 PLATE (1/2 X 2.25 X 3/16)	
25	6198GT	NUT, NYLOCK, 1/2-13	
26	70452GT	ISOLATOR,ENGINE VIBRATION	4
27	56286GT	SCREW,RHM,8-32 X .75	
28	18605GT	NUT,NYLOCK,8-32	
29	218221GT	ASSY,FUSE BLOCK,LMI,1 POLE	1
30	8516GT	SCREW, HCC, 3/8-16 X 1.50	
31	5397GT	WASHER, FLAT, USS, 5/16-18	
32	4828GT	NUT, NYLOCK, 3/8-16	
33	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	3
34	45435GT	CLAMP,HOSE,2.50"	3
35	70375GT	HOSE,AIR CLEANER	1
36	30971GT	CLAMP,HOSE,3.00"	1
37	120240GT	WELDMENT,AIR CLEANER BRACKET	1
38	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
39	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	
40	63463GT	AIR CLEANER,NELSON*** plastic housing	1

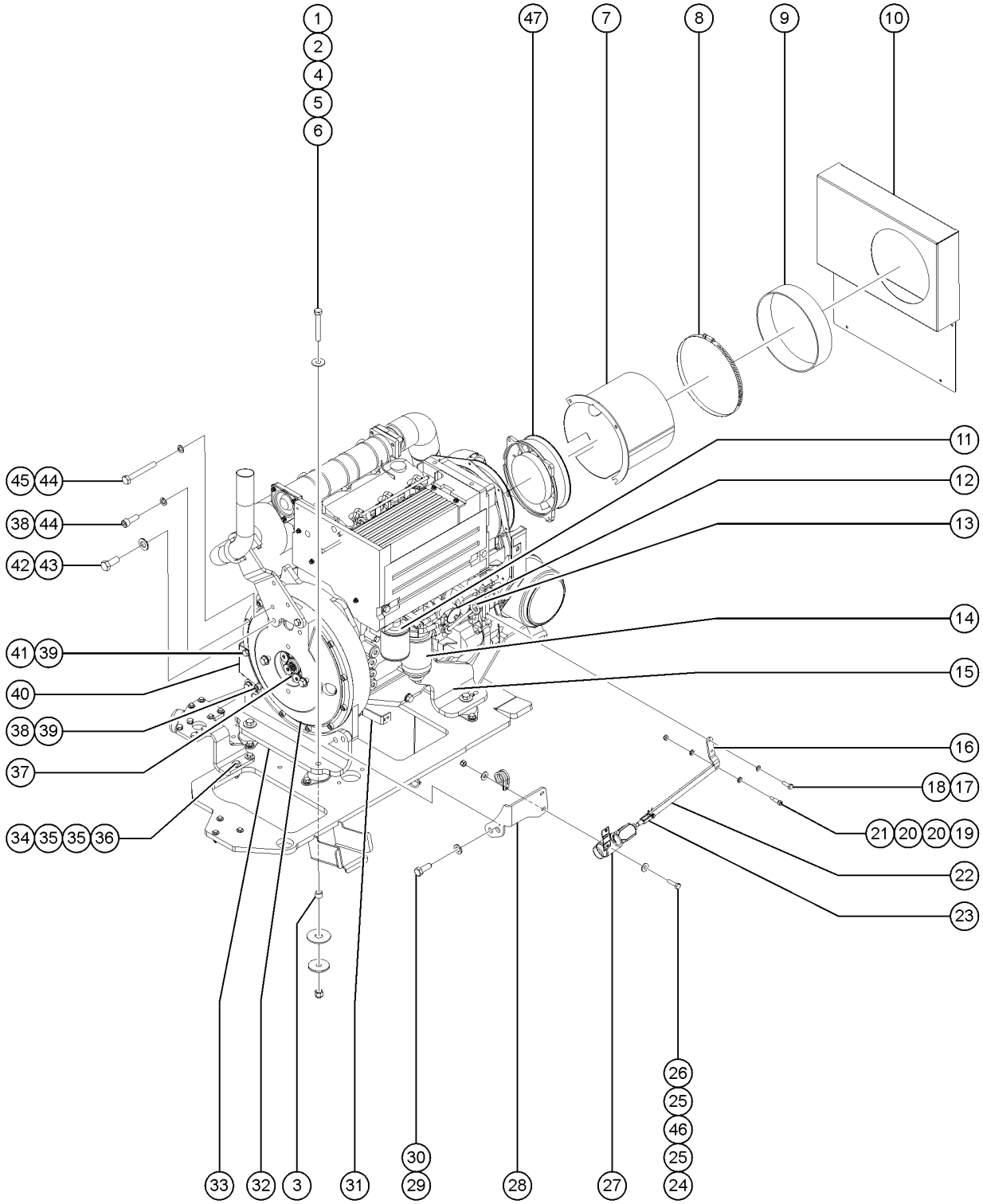
401.1 Deutz D2011L03 Engine, View 1



401.1 Deutz D2011L03 Engine, View 1

Item	Part No.	Description	Qty.
40-	58415GT	CLIP,AIR CLEANER END CAP*** ..... end cap not available separately	
40-	62420GT	FILTER, AIR D2.9L4	
40-	65810GT	BAFFLE, AIR CLEANER (27915)**	
40-	52866GT	EVACUATOR VALVE-AIR CLEANER	
40-	58415GT	CLIP,AIR CLEANER END CAP***	
40-	53952GT	BRKT,AIR CLEANER ORIENTATION**	
40-	65810GT	BAFFLE, AIR CLEANER (27915)**	
41	235645GT	FORM,DEUTZ AIR INTAKE BAFFLE	1
42	53952GT	BRKT,AIR CLEANER ORIENTATION**	1
43	101006GT	TUBE,AIR CLEANER INLET	1
44	49378GT	SCREW,HHC,M8 X 16	
45	49408GT	WASHER, LOCK, M8	
46	33277GT	WASHER,FLAT,M8,YELLOW ZINC	
47	105214GT	CABLE TIE MOUNT, WINGED	1

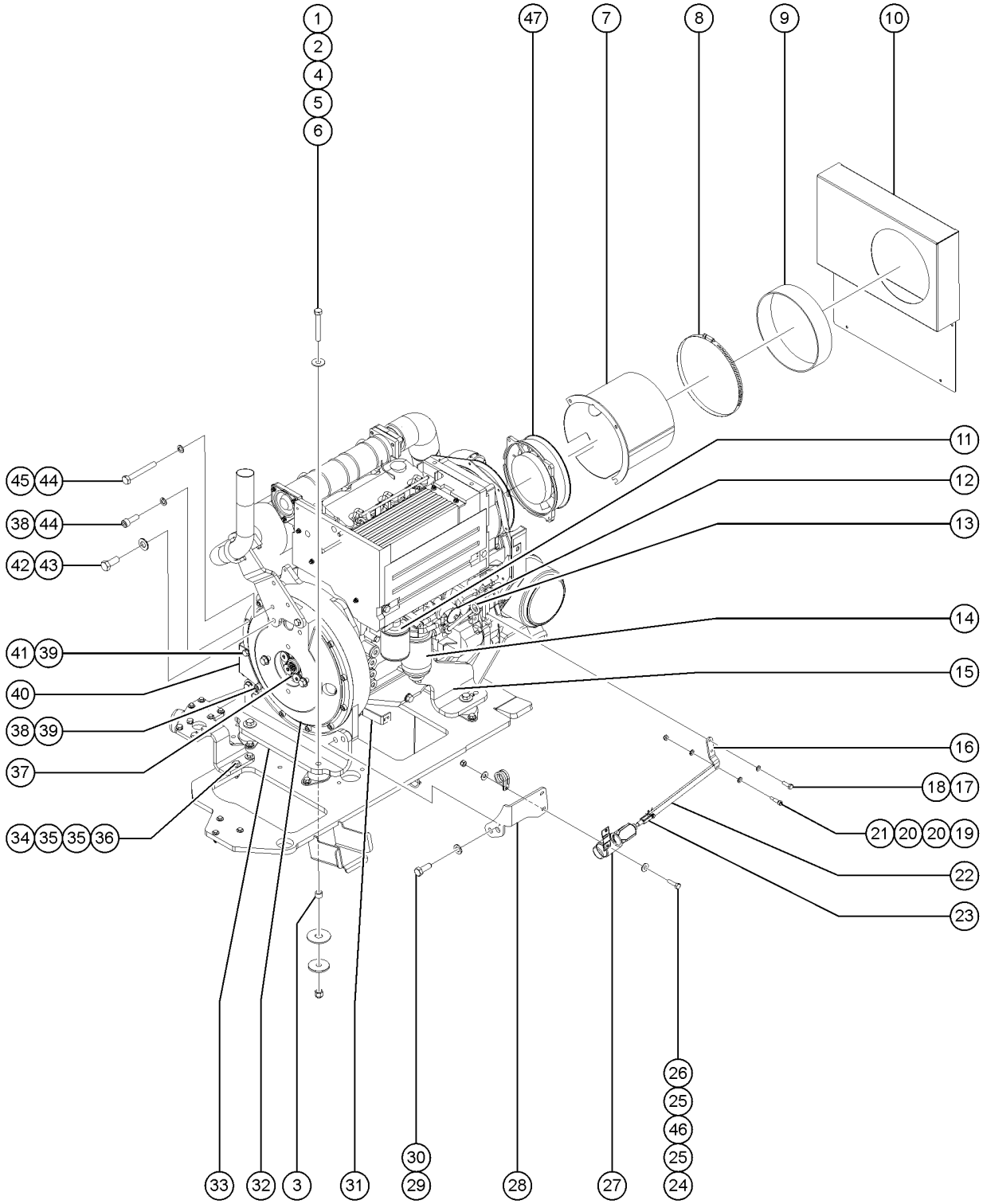
402.1 Deutz D2011L03 Engine, View 2



402.1 Deutz D2011L03 Engine, View 2

Item	Part No.	Description	Qty.
1	8357GT	SCREW, HHC, 1/2-13 X 3.5	
2	6095GT	WASHER,FLAT,USS,1/2",Y	
3	219991GT	SPACER,19.1 OD X 13.5 ID X 15.9	4
4	101729GT	WASHER,VIBRATION ISOLATING	
5	24040GT	WASHER, 1/2 PLATE (1/2 X 2.25 X 3/16)	
6	6198GT	NUT, NYLOCK, 1/2-13	
7	101140GT	WELDMENT, AIR INTAKE TUBE	1
8	31523GT	CLAMP,HOSE,8.50 DIA***	1
9	33239GT	WELDMENT, AIR INTAKE TUBE	1
10	235645GT	FORM,DEUTZ AIR INTAKE BAFFLE	1
11	49924GT	FILTER,OIL,DEUTZ Genie Genuine Part. See PN 1255653 for compatible aftermarket replacement.	1
11-	1255653GT	FILTER,OIL,DEUTZ,REPLACEMENT Genie Aftermarket Part. Compatible with Genie Genuine Part 49924.	1
12	111668GT	PUMP,FUEL 2011 DEUTZ ***	1
13	52352GT	DIPSTICK-F3L1011F (DEUTZ)	1
14	29560GT	FILTER,FUEL/WTR SEP, DTZ 1008 Genie Genuine Part. See PN 1254826 for compatible aftermarket replacement.	1
14-	1254826GT	FUEL FILTER W/SEP,DEUTZ,1008 Genie Aftermarket Part. Filter for Deutz F3L 1011F Engine.	1
15	70460PGT	FORMING,ENGINE MOUNT,FR PAINT*	1
16	50787-SGT	LEVER, GOVERNOR ACTUATOR	1
17	22578GT	SCREW,HHC,M6 X 20MM,GR8.8	
18	49407GT	WASHER,LOCK,M6	
19	6584GT	SCREW,SHS,10-24 X .625	
20	25926GT	WASHER,FLAT,M6 PLTD.	
21	5365GT	NUT,NYLOCK,10-24	
22	94485GT	THROTTLE LINKAGE,DIESEL***	1
23	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN includes clevis pin and cotter pin	1
24	6888GT	SCREW, HHC, 1/4-20 X 1	
25	6638GT	WASHER, FLAT, USS, 1/4"Y	
26	6091GT	NUT,NYLOCK,1/4-20	

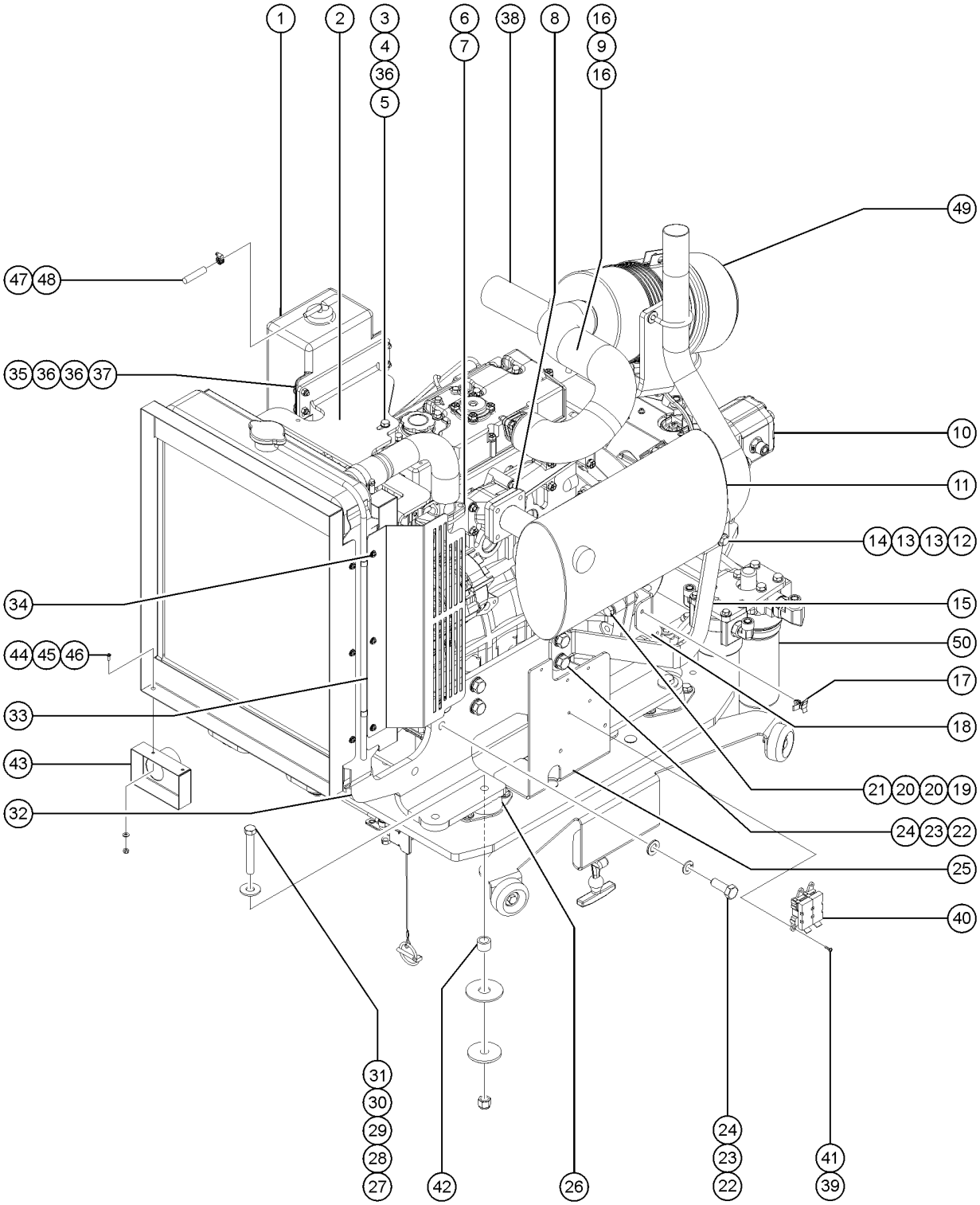
402.1 Deutz D2011L03 Engine, View 2



402.1 Deutz D2011L03 Engine, View 2

Item	Part No.	Description	Qty.
27	77402GT	SOLENOID,THROTTLE ACTUATOR DSL assy 161087	1
28	101129GT	BRACKET,SOLENOID MOUNT	1
29	22558GT	SCREW,HHC,M14 X 40MM,GR 8.8	9
30	49411GT	WASHER,FLAT,M14	
31	77245GT	BRACKET,SOLENOID MOUNT BRACE**	1
32	70381GT	COVER,FLYWHEEL CASTING	1
33	214846GT	FORMING,REAR ENGINE MOUNT	2
34	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	2
35	6097GT	WASHER, FLAT, USS, 3/8", Y	
36	4828GT	NUT, NYLOCK, 3/8-16	
37	128004GT	COUPLER,15 TOOTH,FBA,SAE8***	1
38	61110GT	SCREW,SHC,M10X1.5X30 GR 12.9	9
39	22699GT	WASHER, FLAT, M10, ZINC PLTD.	
40	216341GT	MOUNT BRKT,POS.BATTERY CABLE	1
41	25548GT	SCREW,HHC,M10 X 40MM,GRD8	1
42	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
43	13066GT	WASHER,FLAT,.5 HARDENED	
44	22700GT	WASHER,LOCK,M10	
45	67631GT	SCREW,HHC,M10 X 80 GR 8.8	2
46	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH	1
47	35586GT	ALTERNATOR, DEUTZ F3L10/F4L10*	1

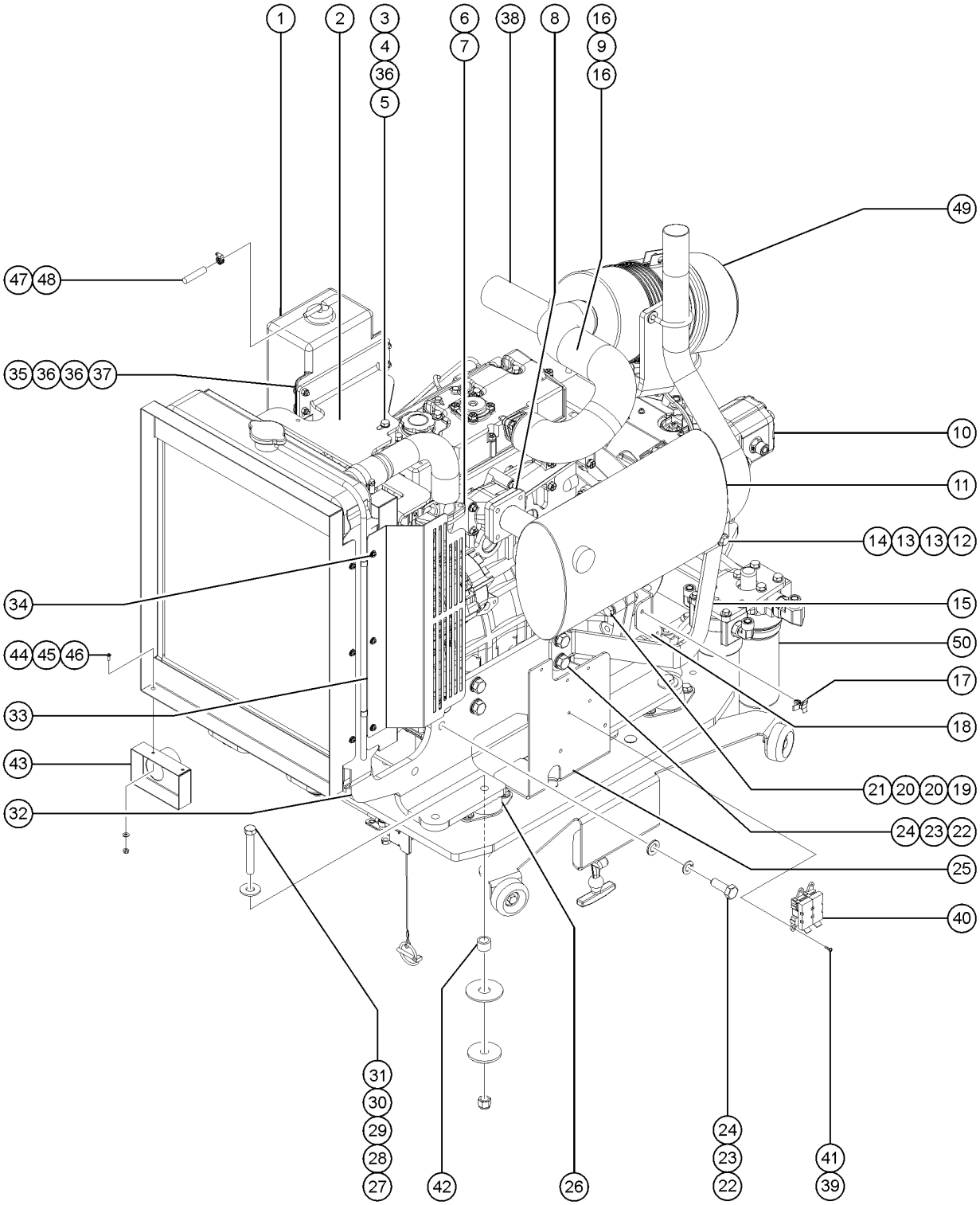
403.1 Perkins 404D-22 Engine, View 1



403.1 Perkins 404D-22 Engine, View 1

Item	Part No.	Description	Qty.
A	128831GT	ENGINE,PERKINS,DIESEL 404D-22 verify engine model before ordering	
1	70367GT	BOTTLE,COOLANT RECOVERY,3.7***	1
1-	115431GT	CAP ASSY, COOLANT BOTTLE for 70367	
2	88989PGT	FORMING,UPPER RAD SUPPORT PNTD	1
3	23057GT	SCREW,HHC,M8 X 20MM	
4	49408GT	WASHER, LOCK, M8	
5	60585GT	ISOLATOR,VIBRATION,M8 MALE/FEM	1
6	77476GT	HOUSING,THERMOSTAT,PERKINS 104	1
6-	128986GT	WATER OUTLET, VERTICAL	
7	77478GT	THERMOSTAT (PERKINS 104-22)	1
7-	128991GT	THERMOSTAT	
7-	147355GT	GASKET-THERMOSTAT HSG for 128991, Engine block Thermostat	
7-	77477GT	GASKET,THERMOSTAT HSG Vertical Thermostat	
8	72343GT	GASKET,EXH FLANGE-FORD/PERKINS	1
9	94927GT	HOSE,AIR INTAKE,PERKINS***	1
10		Ref. ASSEMBLY,PUMP (refer 705.1)	
11	218752GT	MUFFLER,PERKINS 404-22DSL (standard)	1
11-	218753GT	MUFFLER,CAT/SPARK,PERKINS (option) (muffler with spark arrest)	
12	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
13	5397GT	WASHER, FLAT, USS, 5/16-18	
14	4828GT	NUT, NYLOCK, 3/8-16	
15	229697GT	BRACKET, PERKINS MUFFLER	1
16	45435GT	CLAMP,HOSE,2.50"	2
17	105214GT	CABLE TIE MOUNT, WINGED	1
18	217227GT	FORMING,BATTERY CABLE MT	1
19	85053GT	SCREW,HHC,M10 X 1.5 X70,GR 8.8	3
20	22699GT	WASHER, FLAT, M10, ZINC PLTD.	
21	22736GT	NUT,NYLOCK,M10X1.50	

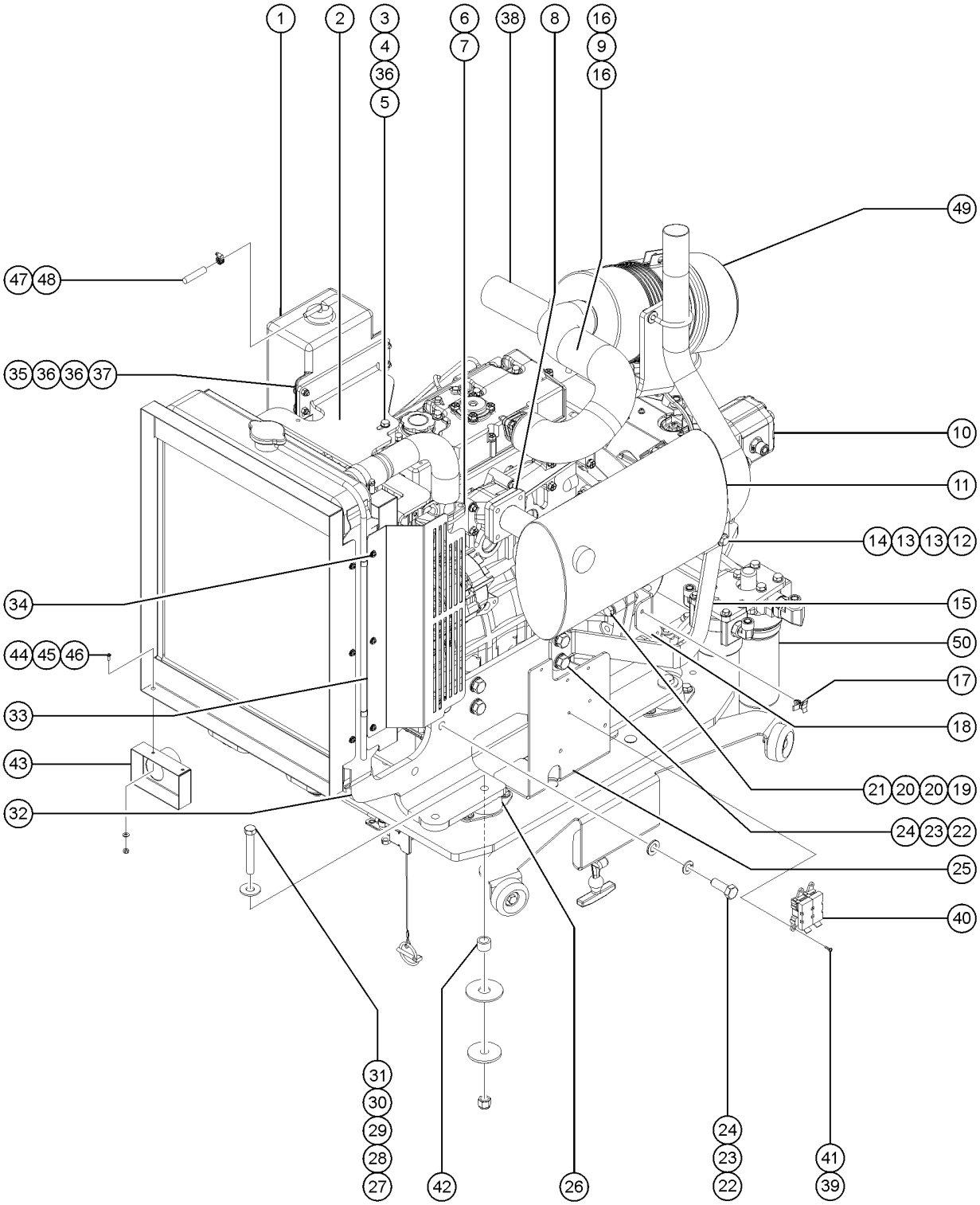
403.1 Perkins 404D-22 Engine, View 1



403.1 Perkins 404D-22 Engine, View 1

Item	Part No.	Description	Qty.
22	54687GT	SCREW,HHC,M14 X 1.5X40MM,GR8.8	10
23	37505GT	WASHER,LOCK,M14	
24	49411GT	WASHER,FLAT,M14	
25	217226GT	FORMING, ELECTRICAL PANEL	1
26	70452GT	ISOLATOR,ENGINE VIBRATION	4
27	8357GT	SCREW, HHC, 1/2-13 X 3.5	
28	6095GT	WASHER,FLAT,USS,1/2",Y	
29	101729GT	WASHER,VIBRATION ISOLATING	
30	24040GT	WASHER, 1/2 PLATE (1/2 X 2.25 X 3/16)	
31	6198GT	NUT, NYLOCK, 1/2-13	
32	88987PGT	FORMING,ENGINE MOUNT,LH PAINTE	1
33	229691GT	GUARD,FAN,PERKINS	1
34	21019GT	SCREW,PHIL,PHM,10-24 X.5,SEMS	
35	6888GT	SCREW, HHC, 1/4-20 X 1	
36	6638GT	WASHER, FLAT, USS, 1/4"Y	
37	6091GT	NUT,NYLOCK,1/4-20	
38	217525GT	HOSE, PERKINS INTAKE	1
39	56286GT	SCREW,RHM,8-32 X .75	
40	218221GT	ASSY,FUSE BLOCK,LMI,1 POLE	1
41	18605GT	NUT,NYLOCK,8-32	
42	219991GT	SPACER,19.1 OD X 13.5 ID X 15.9	4
43	219181GT	WELDMENT, INTAKE BOX	1
44	49819GT	SCREW,PHILLIPS,PHM,10-32 X .5	
45	6146GT	WASHER,FLAT,MS,#10,Y	
46	6178GT	NUT, NYLOCK, 10-32	
47	106226GT	TUBING,VINYL,1/2" CLEAR	30-inches
48	21465GT	CLAMP,HOSE, .25" TO .63" X .3125"	1

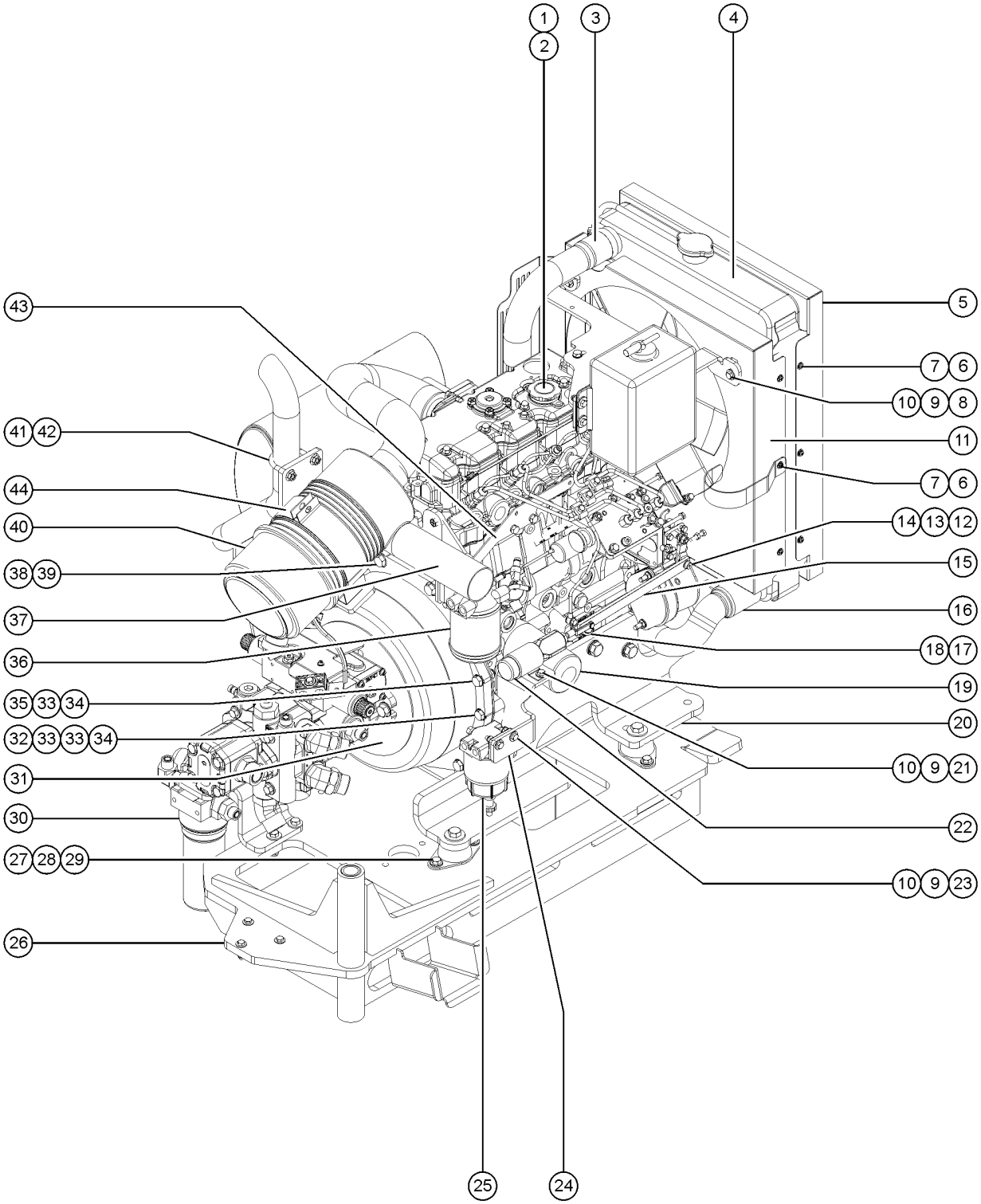
403.1 Perkins 404D-22 Engine, View 1



403.1 Perkins 404D-22 Engine, View 1

Item	*Part No.*	*Description*	*Qty.*
49		Ref: Air Cleaner ..... refer to 404.1	
50		Ref: Filter Assembly ..... refer to 409.1	

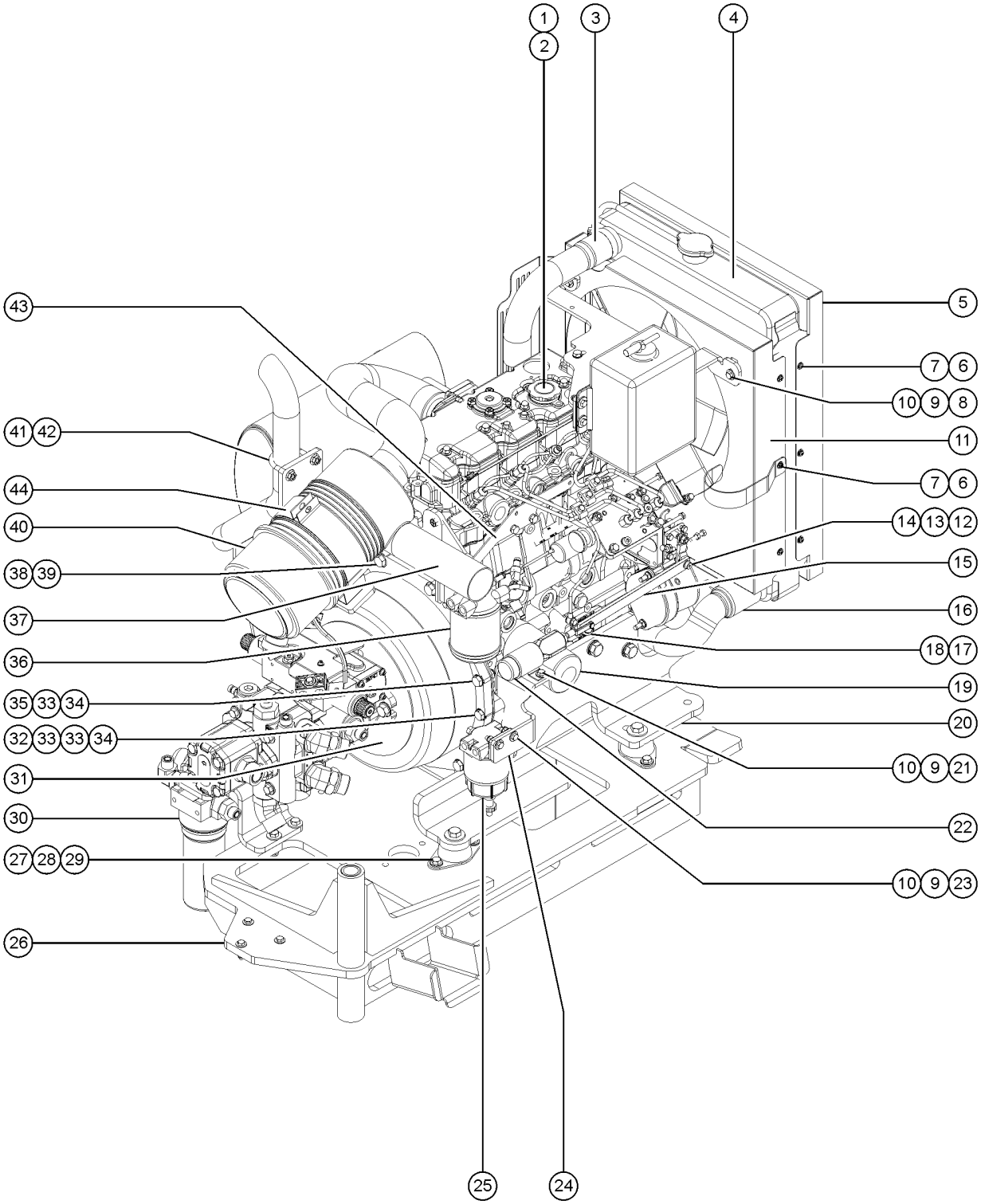
404.1 Perkins 404D-22 Engine, View 2



404.1 Perkins 404D-22 Engine, View 2

Item	Part No.	Description	Qty.
1	65636GT	CAP, OIL FILLER	1
2	65638GT	SEAL, OIL FILLER CAP	1
3	54578GT	HOSE,UPPER RADIATOR,PERKINS	1
4	110304GT	RADIATOR,FORD/PERKINS***	1
4-	24038GT	SHOCK MOUNT,SMALL	
4-	65473GT	CAP,RADIATOR,PERKINS/FORD	
4-	77482GT	PULLEY, WATER PUMP	
4-	1252943GT	SPACER,FAN,PERKINS 404F	
5	235660GT	FORMING,RADIATOR SHROUD	1
6	21019GT	SCREW,PHIL,PHM,10-24 X.5,SEMS	
7	6146GT	WASHER,FLAT,MS,#10,Y	
8	6888GT	SCREW, HHC, 1/4-20 X 1	
9	6638GT	WASHER, FLAT, USS, 1/4"Y	
10	6091GT	NUT,NYLOCK,1/4-20	
11	88990PGT	SHROUD,FAN PAINTED	1
12	119866GT	SCREW,SHS,M6X12MM,8MM	
13	33277GT	WASHER,FLAT,M8,YELLOW ZINC	
14	49364GT	NUT,NYLOCK,M6X1.00	
15	89953GT	FLATBAR,ALUM,THROTTLE LINKAGE	1
16	54579GT	HOSE,LOWER,RADIATOR,PERKINS	1
17	128984GT	DIPSTICK, STRAIGHT SHORT	1
18	128985GT	DIPSTICK TUBE, STRAIGHT SH	1
19	94762GT	OIL FILTER - PERKINS	1
20	88988PGT	FORMING,ENGINE MOUNT RH PAINTE	1
21	6090GT	SCREW, HHC, 1/4-20 X .75	
22	77402GT	SOLENOID,THROTTLE ACTUATOR DSL	1
22-	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN	1
23	8915GT	SCREW, HHC, 1/4-20 X 1.25	

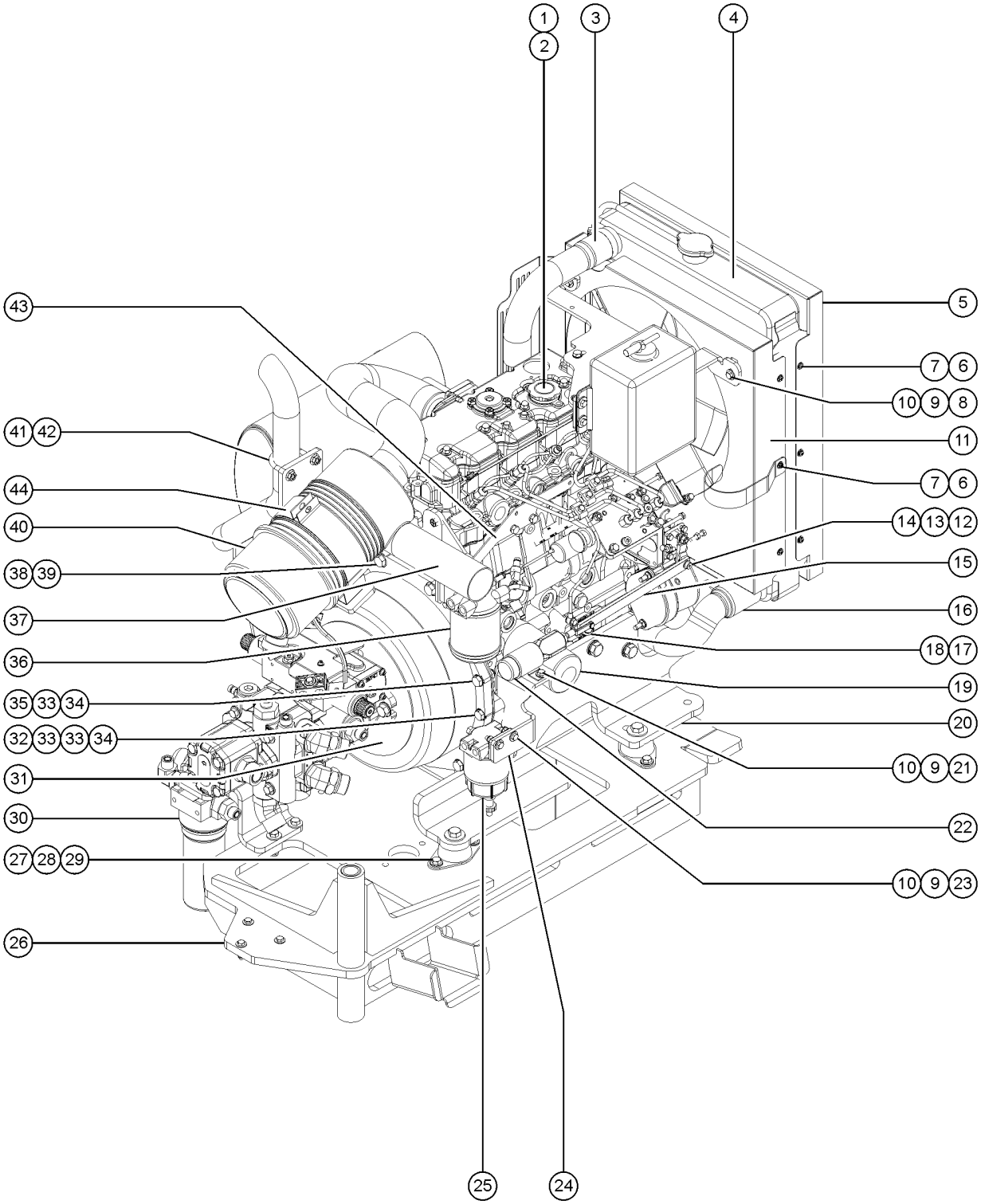
404.1 Perkins 404D-22 Engine, View 2



404.1 Perkins 404D-22 Engine, View 2

Item	Part No.	Description	Qty.
24	128588GT	FORMING,SOLENOID MOUNT	1
25	75020GT	SEPRTR/FLTR,FUEL DSL,15GPH,.30	2
25-	62433GT	FILTER,ELEMENT,30 MIC,75020	
26	217491GT	ASSEMBLY,ENGINE TRAY	3
26-	215593GT	FORMING, ENGINE COVER LATCH	
26-	45363GT	LATCH,FLEXIBLE	
26-	75041GT	SCREW,PHILLIPS,PHM,10-32 X 1	
26-	6178GT	NUT, NYLOCK, 10-32	
26-	50974GT	BUMPER,RUBBER,COVERS	
26-	25817GT	BEARING,1.00IDX1.25ODX1.00L	
26-	54244GT	BRACKET,LATCH MOUNT,RH***	
26-	27126GT	LATCH,DRAW,ADJUSTABLE	
26-	40658GT	WASHER,FLAT,RETAINING,.510	
26-	54432GT	LANYARD,LYNCH PIN ASSY	
27	8516GT	SCREW, HCC, 3/8-16 X 1.50	
28	5397GT	WASHER, FLAT, USS, 5/16-18	
29	4828GT	NUT, NYLOCK, 3/8-16	
30		Ref. FILTER ASSY (refer to 409.1)	
31	54573GT	PUMP MOUNT KIT,PERKINS DSL	1
32	85053GT	SCREW,HHC,M10 X 1.5 X70,GR 8.8	3
33	22699GT	WASHER, FLAT, M10, ZINC PLTD.	
34	22736GT	NUT,NYLOCK,M10X1.50	
35	85059GT	SCREW,HHC,M10 X 1.5 X 35	
36	1262484GT	FUEL FILTER ASSY,PERKINS 404D/	1
36-	62421GT	FILTER,FUEL,PERKINS	
37	34162GT	HOSE,AIR INTAKE 2.50" I.D	1
38	27584GT	SCREW,HHC,M12 X 35MM	
39	49410GT	WASHER, FLAT, M12	

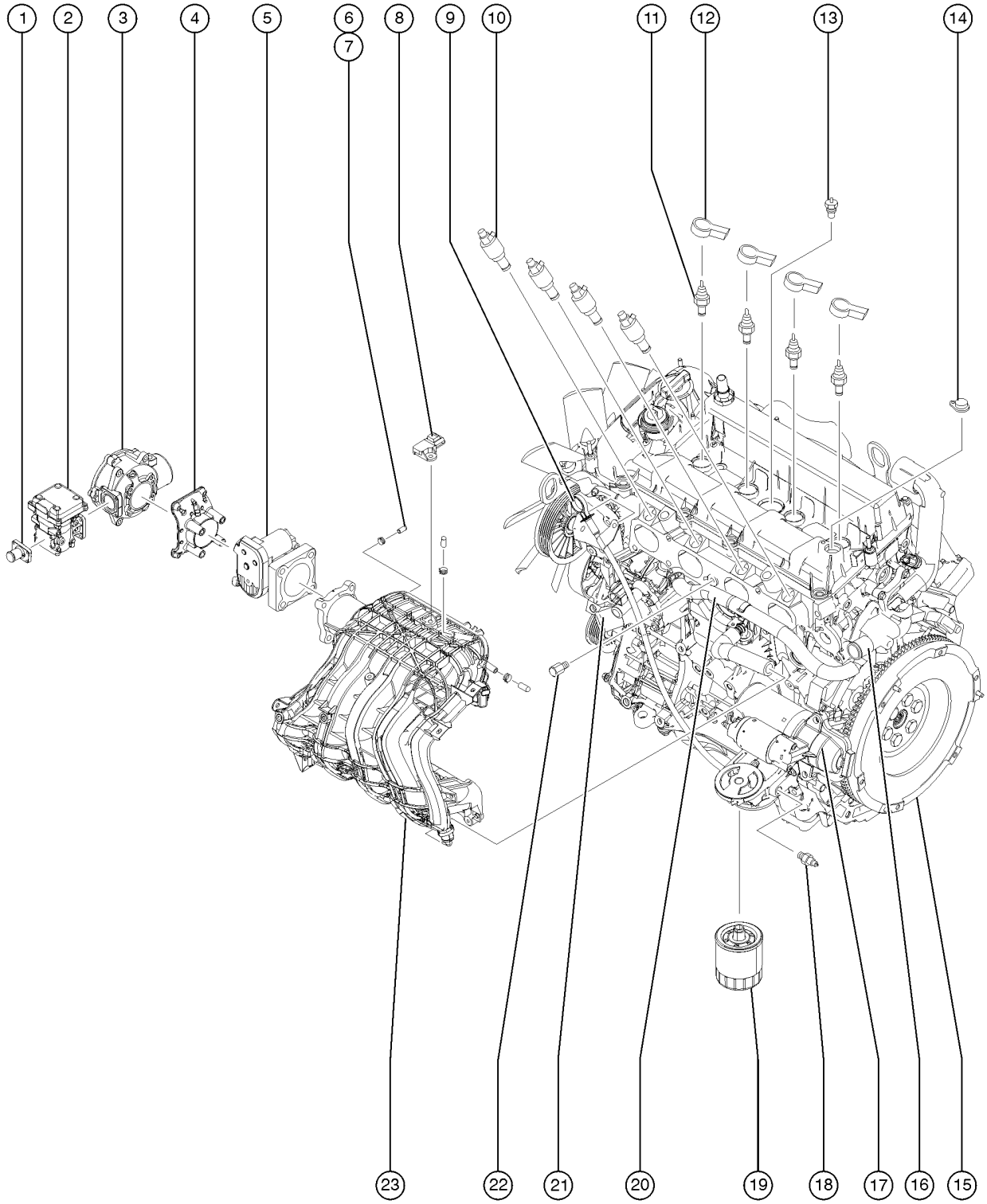
404.1 Perkins 404D-22 Engine, View 2



404.1 Perkins 404D-22 Engine, View 2

Item	Part No.	Description	Qty.
40	63463GT	AIR CLEANER,NELSON*** ..... plastic housing	1
40-	58415GT	CLIP,AIR CLEANER END CAP*** ..... end cap not available separately	
40-	62420GT	FILTER, AIR D2.9L4	
40-	65810GT	BAFFLE, AIR CLEANER (27915)**	
40-	52866GT	EVACUATOR VALVE-AIR CLEANER	
40-	53952GT	BRKT,AIR CLEANER ORIENTATION**	
41	80391GT	U-BOLT,5/16 -18 X 2IN**	1
42	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	
43	217228GT	BRACKET,RIGHT HARNESS MT	1
44	53952GT	BRKT,AIR CLEANER ORIENTATION**	1

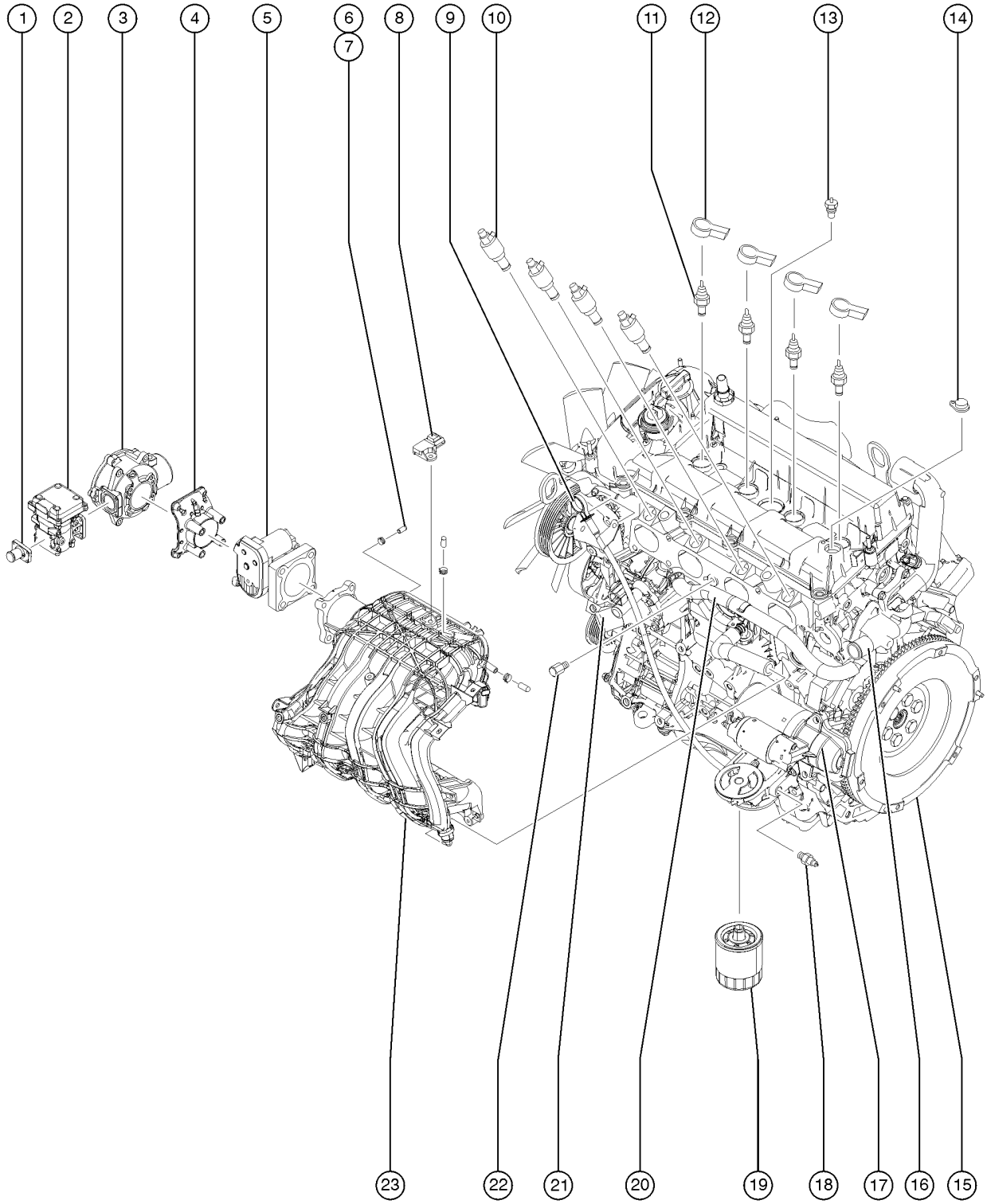
405.1 Ford MSG-425 EFI Engine, View 1



405.1 Ford MSG-425 EFI Engine, View 1

Item	Part No.	Description	Qty.
B-	128165GT	RELAY,PWR/FUEL,FORD DSG423	
1	215285GT	FITTING, DEPR LP, MSG425 (sold seperately) (for 215284)	1
2	215284GT	REGULATOR,LP PRESSURE,MSG425	1
2-	215286GT	FITTING, DEPR COOLANT, MSG425 (sold seperately) (for 215284)	
3	215280GT	MIXER, MSG425	1
3-	1313038GT	INLET SEAL, MIXER, MSG425 (215280)	
3-	1313039GT	O-RING, MIXER, MSG425 (215280)	
3-	1313040GT	QUAD RING, MIXER, MSG425 (215280)	
3-	119546GT	KIT,FITTING,REGULATOR DSG-423 for 215280	
3-	215281GT	O-RING, SMOOTH, MSG425	
3-	215282GT	O-RING, RIBBED, MSG425	
4	215283GT	ADAPTER, MIXER/THRO, MSG425	1
5	88451GT	THROTTLE ACTUATOR*(BOSCH)	1
5-	88452GT	GASKET,THROTTLE ACTUATOR***	
6	217820GT	CAP, INT. MFLD. VAC, MSG425	2
7	119568GT	CLAMP,SPRING,1/2"	3
8	119475GT	MAP SENSOR, DSG-423	1
9	215297GT	OIL INDICATOR, MSG425 (dipstick)	1
10	215299GT	INJECTOR, FUEL, MSG425	4
11	215287GT	SPARK PLUG, MSG425	4
12	215314GT	COIL ASSY, MSG425	4
13	215300GT	SENSOR, CYL. HEAD TEMP, MSG425	1
14	215308GT	SENSOR, CAM POS, MSG425	1
15		Ref: Flywheel	1
16	215275GT	ADAPTER, WATER CONN, MSG425	1
17A	1264894GT	KIT, HD STARTER INSTALL, MSG-4	1
17B	128166GT	RELAY,STARTER,FORD DSG/MSG for 215293	
17C	217823GT	STARTER PLUG SEAL, MSG425 for 215293	

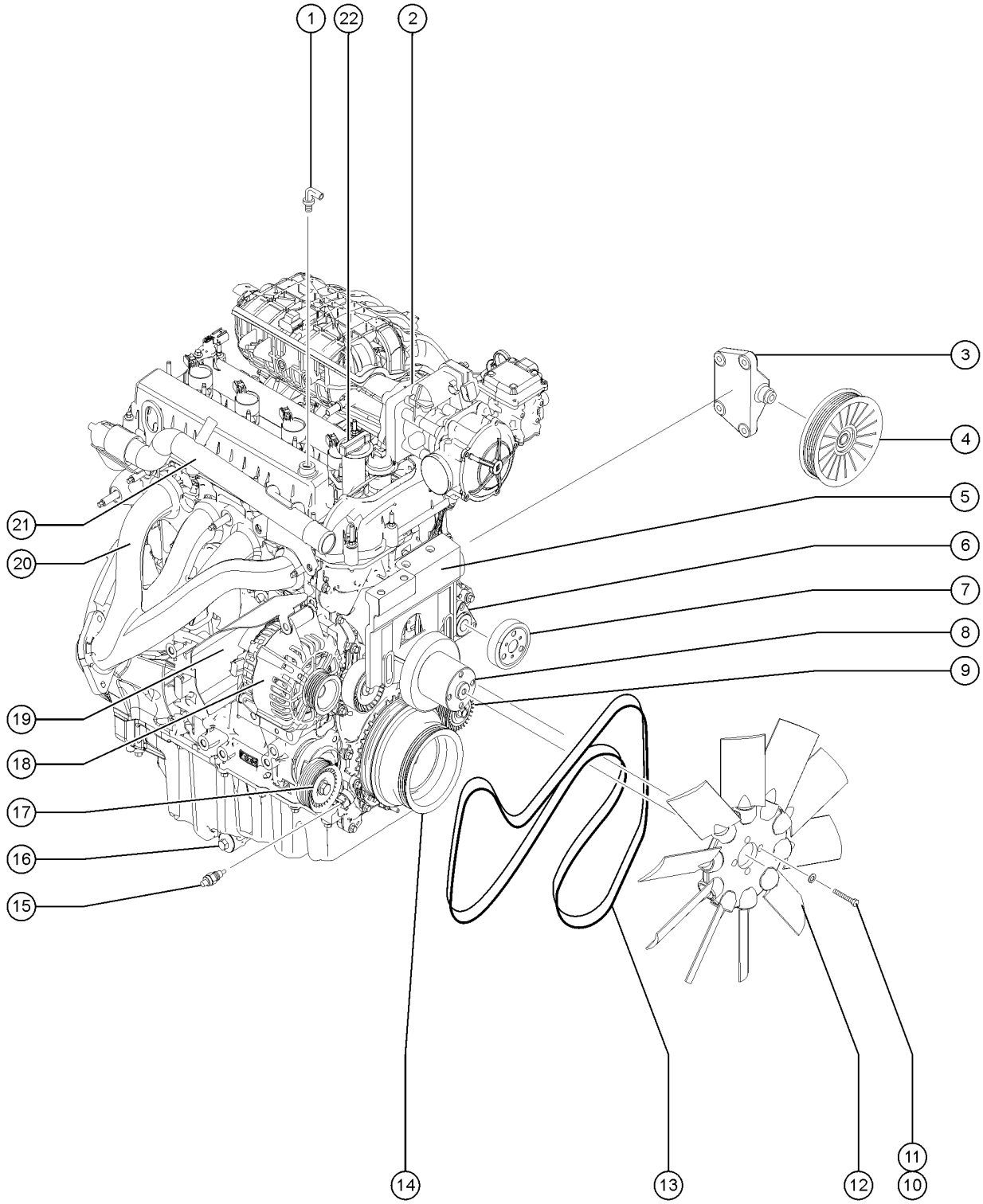
405.1 Ford MSG-425 EFI Engine, View 1



405.1 Ford MSG-425 EFI Engine, View 1

Item	Part No.	Description	Qty.
18	215301GT	SWITCH, OIL PRES, MSG425	1
19	119139GT	OIL FILTER,DSG-423	1
20	215302GT	HOSE, COOLANT BYPASS, MSG425	1
21	215310GT	THERMOSTAT W/HOUSING, MSG425	1
22	215309GT	SENSOR, KNOCK, MSG425	1
23	215305GT	INTAKE MANIFOLD, MSG425	1

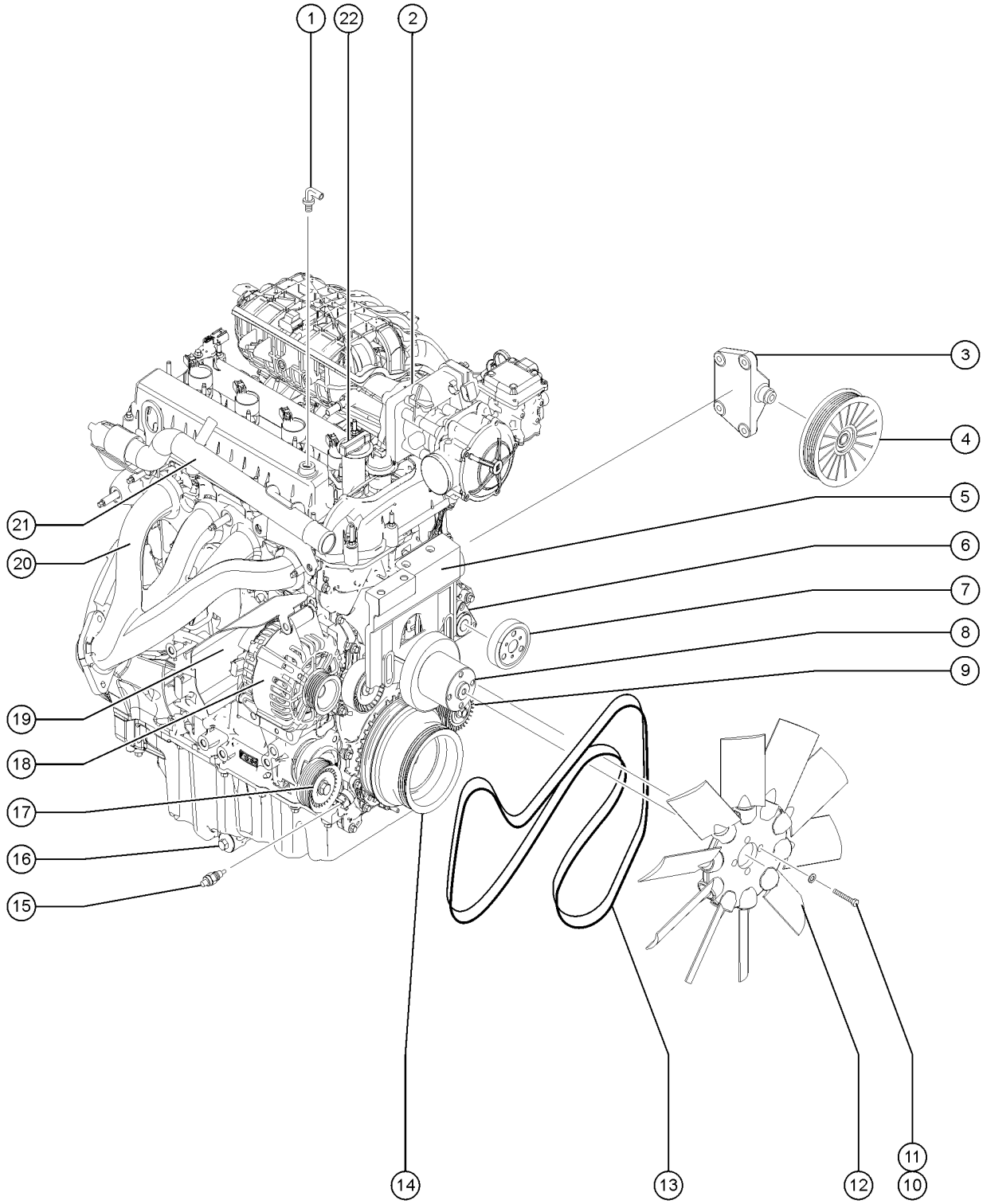
406.1 Ford MSG-425 EFI Engine, View 2



406.1 Ford MSG-425 EFI Engine, View 2

Item	Part No.	Description	Qty.
1	119474GT	VALVE,PCV FORD DSG-423	1
1-	75631GT	HOSE,AIR 3/8	
2	215279GT	PLATE, INT. MFLD ADAP, MSG425	1
3	119477GT	IDLER BRACKET	1
4	215298GT	UPPER IDLER PULLEY, MSG425	1
5	1283575GT	KIT,FAN SUPPORT RETRO,FORD MSG For first time replacement	1
5-	1283571GT	BRACKET,FAN,FORD MSG included in kit 1283575GT	1
5-	1283572GT	BRACKET,IDLER,FORD MSG included in kit 1283575GT	1
5-	1283573GT	BOLT, BRACKET, SUPPORT,FORD MSG included in kit 1283575GT	2
5-	1283574GT	SCREW,HHC,M8X1.25.80 included in kit 1283575GT	1
6	215288GT	WATER PUMP, MSG425	1
7	215289GT	WATER PUMP PULLEY, MSG425	1
8	215271GT	FAN PULLEY, MSG425	1
8-	215270GT	FAN SPACER, MSG425	
9	215313GT	LOWER IDLER PULLEY, MSG425	1
10	6145GT	SCREW, HHC, 1/4-20 X 1.5	4
11	49408GT	WASHER, LOCK, M8	4
12	215269GT	FAN, MSG425	1
13	215291GT	BELT, FEAD, MSG425 serpentine belt	1
13-	215274GT	FAN DRIVE BELT, MSG425 fan belt (not shown)	
14	215273GT	CRANK PULLEY, EXT, MSG425	1
15	215307GT	SENSOR, CRANK POS, MSG425	1
16	215311GT	PLUG, OIL DRAIN, MSG425	1
17	215290GT	PULLEY/TENSIONER, MSG425	1
18	1300536GT	ALTERNATOR,DSG-423,BOSCH	1
19	227309GT	HEAT SHIELD,ALTERNATOR,FORD	1
20	215276GT	EXHAUST MANIFOLD, MSG425	1
20-	215277GT	GASKET, MSG425	

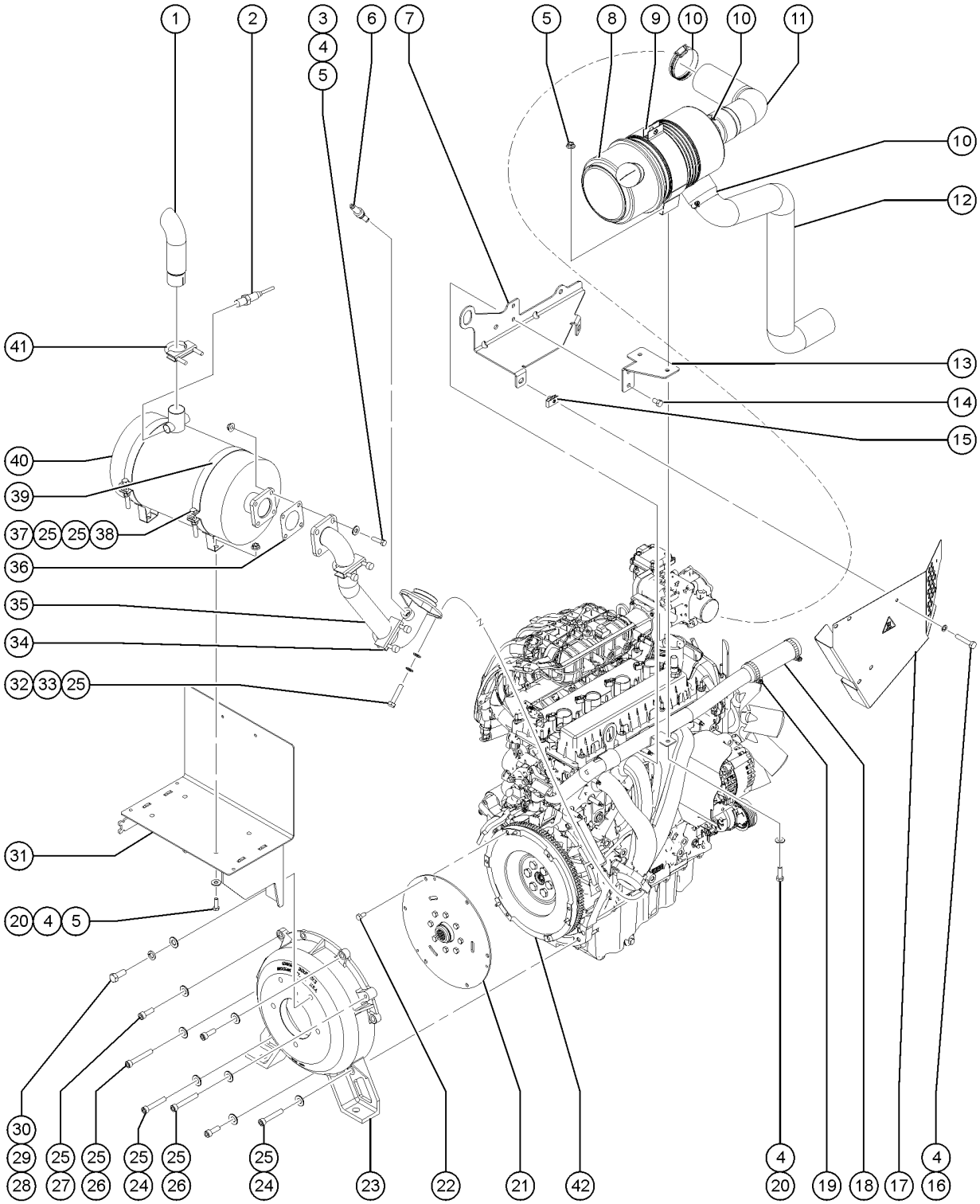
406.1 Ford MSG-425 EFI Engine, View 2



406.1 Ford MSG-425 EFI Engine, View 2

Item	Part No.	Description	Qty.
20-	217822GT	NUT, EXH. MANIFOLD, MSG425	
21	236373GT	PIPE,COOLANT RETURN, MSG425	1
22	58632GT	CAP,OIL FILLER,FORD DSG 423	1

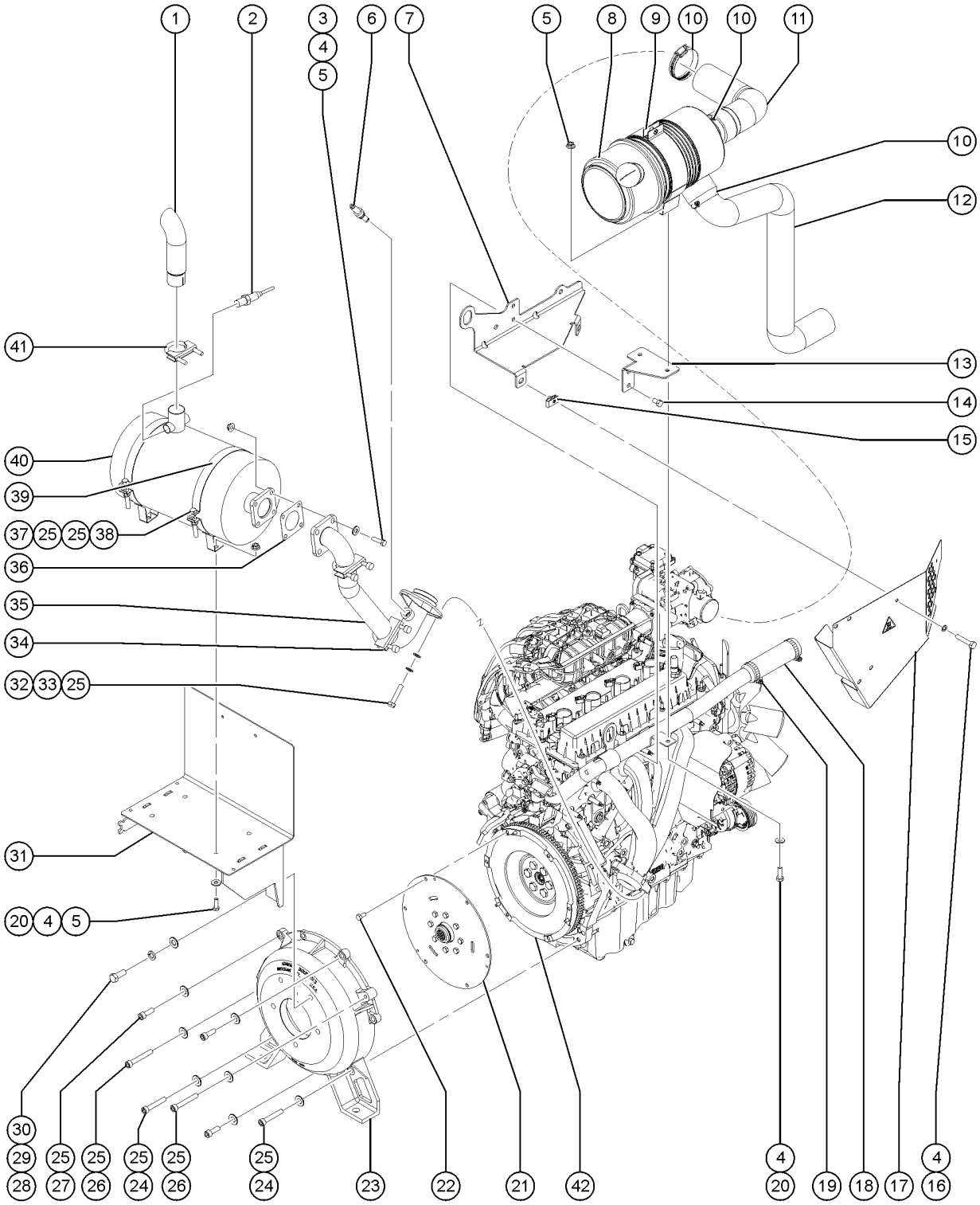
407.1 Ford MSG-425 EFI Engine, View 3



407.1 Ford MSG-425 EFI Engine, View 3

Item	Part No.	Description	Qty.
1	128020GT	TAILPIPE,Z45,FORD DSG423	1
2	139610GT	SENSOR,AIR,CAT MONITOR	1
3	13000GT	SCREW,HHC,5/16-18 X 1.25	
4	6638GT	WASHER, FLAT, USS, 1/4"Y	
5	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	
6	215320GT	SENSOR, O2, MSG425	1
7	216368GT	FORMING,HEAT SHIELD MOUNT	1
8	111634GT	AIR CLEANER,FORD,T3	1
8-	227988GT	VACUATOR VALVE	
8-	77295GT	FILTER ELEMENT,AIR,NOLFF LPG	
8-	58247GT	AIR CLEANER CAP/ FORD/NOLFF***	
8-	1277991GT	CLIP,AIR CLEANER COVER (58247) for 58247	
8-	38922GT	ELBOW,90DEG.1/8MPT-5/16 BARB	
9	53952GT	BRKT,AIR CLEANER ORIENTATION**	1
10	45435GT	CLAMP,HOSE,2.50"	3
11	237146GT	HOSE, CLEAN AIR, MSG425	1
12	235659GT	HOSE, RAW AIR, MSG425	1
13	216367GT	REF. FORMING,AIR CLEANER MOUNT	1
14	33681GT	SCREW,HHC,3/8-16 X .625	
15	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
16	6090GT	SCREW, HHC, 1/4-20 X .75	
17	236341GT	HEAT SHIELD, MSG425	1
18	236338GT	HOSE, UPPER RADIATOR, MSG425	
19	119053GT	CLAMP,HOSE,1.50	2
20	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
21	214446GT	COUPLER,15T,FBA,SAE 8,MSG425	1
22	49378GT	SCREW,HHC,M8 X 16	6
23	119052GT	PUMP MOUNT,FORD DSG423	1

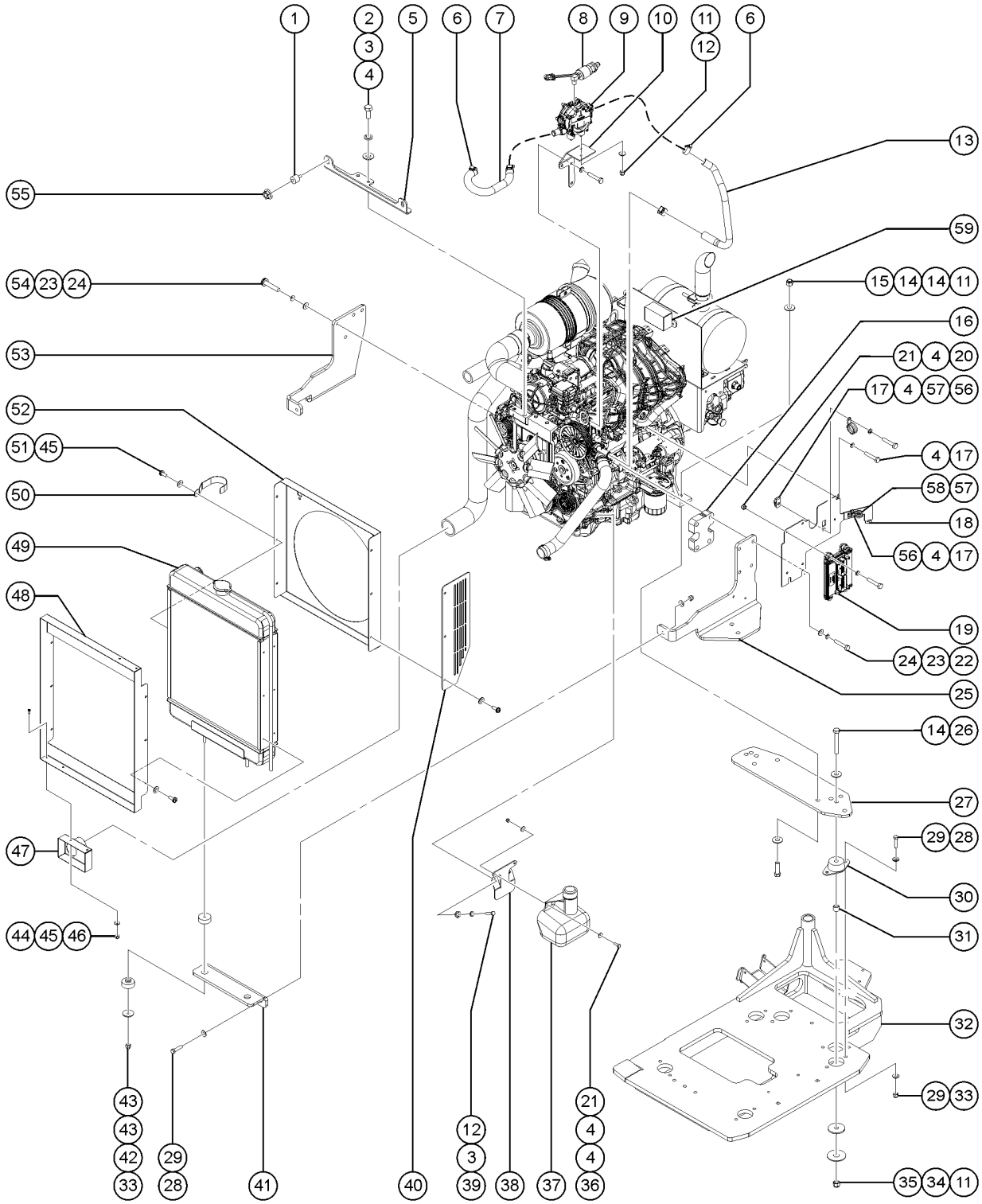
407.1 Ford MSG-425 EFI Engine, View 3



407.1 Ford MSG-425 EFI Engine, View 3

Item	Part No.	Description	Qty.
24	111748GT	SCREW,SHC,M10X1.5 X 60 GR8.8	2
25	22699GT	WASHER, FLAT, M10, ZINC PLTD.	8
26	61110GT	SCREW,SHC,M10X1.5X30 GR 12.9	3
27	215544GT	SHCS, M10-1.5X70MM, CL12.9	2
28	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
29	6033GT	WASHER,LOCK,0.5"	
30	13066GT	WASHER,FLAT,.5 HARDENED	
31	160540GT	WELDMENT,CAT MOUNT,MSG425	1
32	25548GT	SCREW,HHC,M10 X 40MM,GRD8	1
33	22700GT	WASHER,LOCK,M10	1
34	32064GT	CLAMP,MUFFLER,1.75 INCH	2
35	110407GT	WELDMENT,HEADER PIPE	1
36	72343GT	GASKET,EXH FLANGE-FORD/PERKINS	1
37	14033GT	SCREW, HHC, 3/8-16 X 2.75	
38	4828GT	NUT, NYLOCK, 3/8-16	
39	119051GT	MOUNTING BAND,MUFFLER,8.0"	2
40	215528GT	WDMT, CAT. MUFFLER, MSG425	1
41	102121GT	CLAMP,MUFFLER,1-7/8 IN.	1
42	215278GT	FLYWHEEL ASSY, MSG425	1

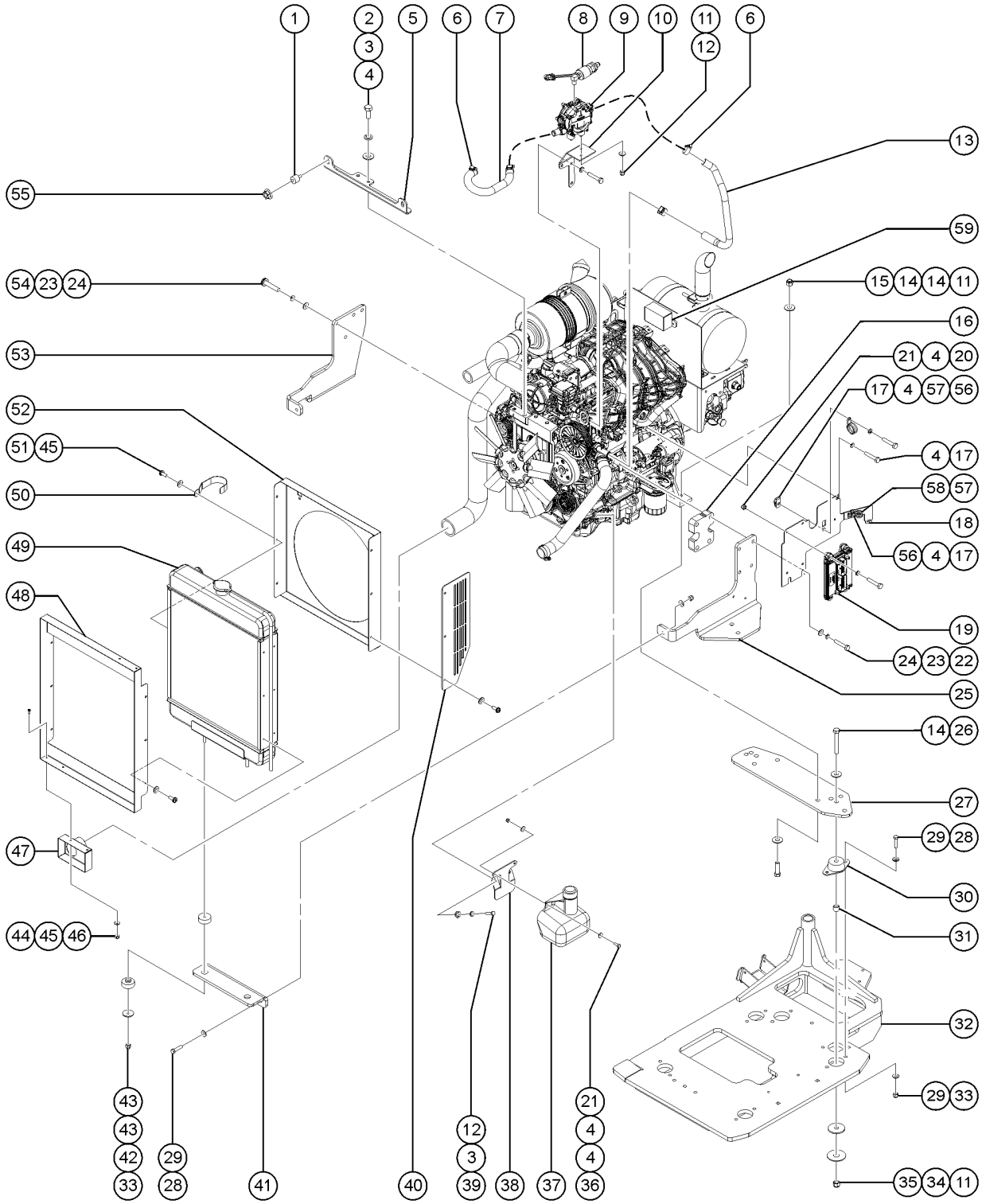
408.1 Ford MSG-425 EFI Engine, View 4



408.1 Ford MSG-425 EFI Engine, View 4

Item	Part No.	Description	Qty.
A-	236339GT	HOSE, LOWER RADIATOR, MSG425	1
1	219437GT	ISOLATOR,VIBRATION	2
2	23057GT	SCREW,HHC,M8 X 20MM	2
3	49408GT	WASHER, LOCK, M8	2
4	6638GT	WASHER, FLAT, USS, 1/4"Y	
5	237780GT	FORMING, RAD SUPPORT, MSG425	1
6	46131GT	CLAMP,HOSE,.63" - 1.0" X .5"	4
7	102119GT	HOSE,3/4,LP	1
8	119232GT	LOCKOFF,LP,FORD DSG/MSG	1
9	215316GT	REGULATOR, LP, MSG425	1
9-	219477GT	ISOLATOR, DEPR	
10	236423GT	FORMING, LP REG MOUNT, MSG425	1
11	6198GT	NUT, NYLOCK, 1/2-13	
12	33277GT	WASHER,FLAT,M8,YELLOW ZINC	
13	236340GT	HOSE, COOLANT, VAP, MSG425	1
14	6095GT	WASHER,FLAT,USS,1/2",Y	
15	22788GT	SCREW,HHC,1/2-13 X 1.75	2
16	110477GT	PLATE,ENGINE SUPPORT SPACER	1
17	6888GT	SCREW, HHC, 1/4-20 X 1	
18	1287236GT	BRACKET ASSY, ECU MOUNT, FORD	1
19	215317GT	CONTROL MODULE, MSG425 original ECM; component no longer available limited inventory on hand	1
19B	1294827GT	CONTROL MODULE, MSG425 replacement ECM	1
20	6145GT	SCREW, HHC, 1/4-20 X 1.5	
21	6091GT	NUT,NYLOCK,1/4-20	
22	25927GT	SCREW,HHC,3/8-16X1.25,8,ZAG	2
23	22700GT	WASHER,LOCK,M10	
24	22699GT	WASHER, FLAT, M10, ZINC PLTD.	
25	236420GT	ENGINE MOUNT, LEFT, MSG425	1

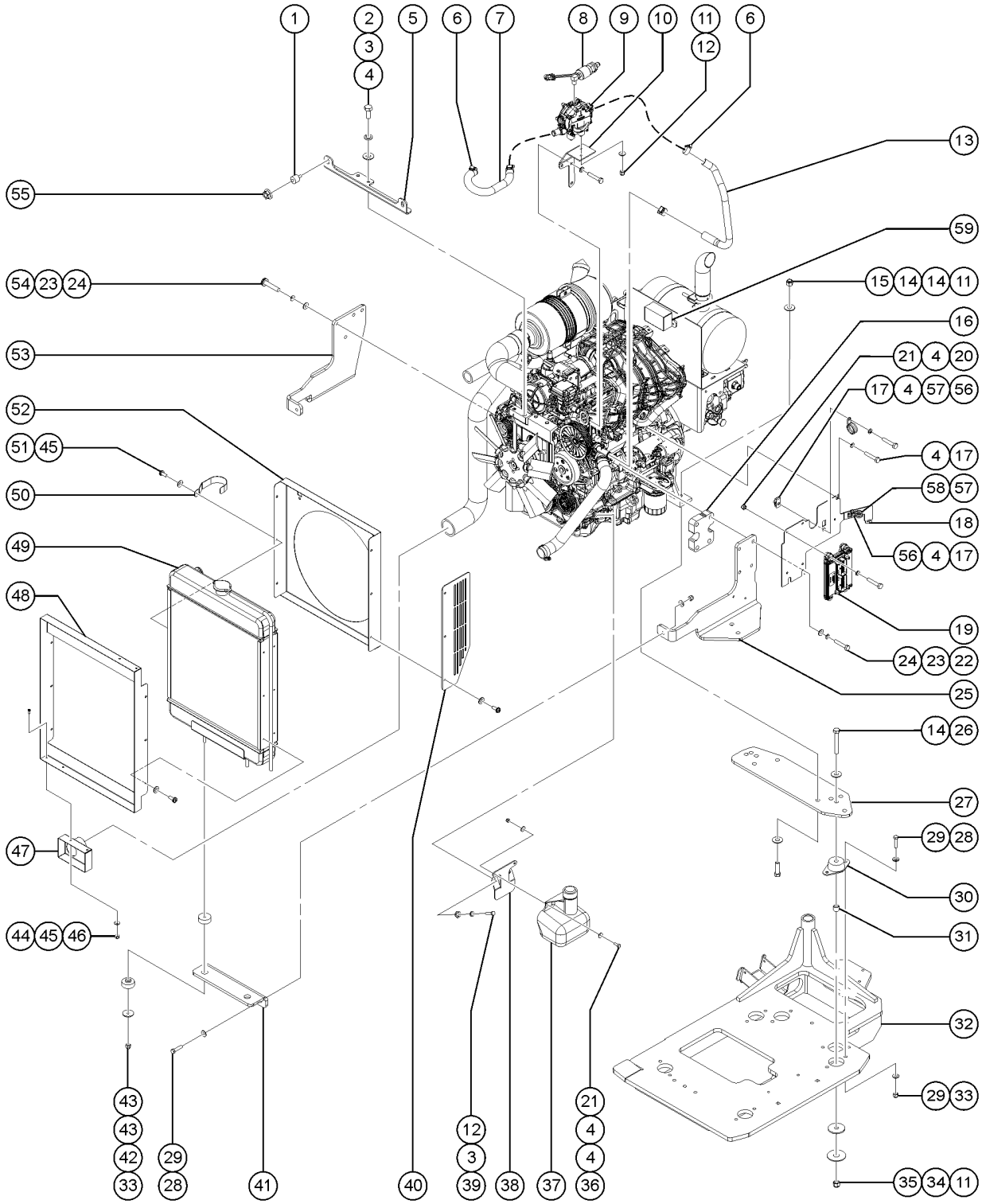
408.1 Ford MSG-425 EFI Engine, View 4



408.1 Ford MSG-425 EFI Engine, View 4

Item	Part No.	Description	Qty.
26	8357GT	SCREW, HHC, 1/2-13 X 3.5	
27	236422GT	ENGINE MOUNT, REAR, MSG425	1
28	8516GT	SCREW, HCC, 3/8-16 X 1.50	
29	5397GT	WASHER, FLAT, USS, 5/16-18	
30	70452GT	ISOLATOR,ENGINE VIBRATION	4
31	219991GT	SPACER,19.1 OD X 13.5 ID X 15.9	4
32	235649GT	WELDMENT, ENGINE TRAY	1
33	4828GT	NUT, NYLOCK, 3/8-16	
34	24040GT	WASHER, 1/2 PLATE (1/2 X 2.25 X 3/16)	4
35	101729GT	WASHER,VIBRATION ISOLATING	4
36	6090GT	SCREW, HHC, 1/4-20 X .75	
37	42662GT	COOLANT RECOVERY BOTTLE1.5 QT*	1
38	217562GT	FORMING,COOLANT BOTTLE MT.	
39	22586GT	SCREW,HHC,M8 X 20MM,F.TH.GR8.8	2
40	110932GT	PLATE,FAN GUARD	1
41	110417PGT	FORMING,RADIATOR SUPPORT,PNTD	1
42	15086GT	WASHER,FLAT,.375 X 1.5 X .125	
43	24038GT	SHOCK MOUNT,SMALL	2
44	6178GT	NUT, NYLOCK, 10-32	
45	6146GT	WASHER,FLAT,MS,#10,Y	
46	49819GT	SCREW,PHILLIPS,PHM,10-32 X .5	
47	219181GT	WELDMENT, INTAKE BOX	1
48	235660GT	FORMING,RADIATOR SHROUD	1
48-	219992GT	TRIM, SEAL, RADIATOR SHROUD	
49A	110406GT	RADIATOR,FORD DSG423 & MSG425	1
49B	65473GT	CAP,RADIATOR,PERKINS/FORD	
50	237385GT	HOSE HANGER, MSG425	2
51	21019GT	SCREW,PHIL,PHM,10-24 X.5,SEMS	

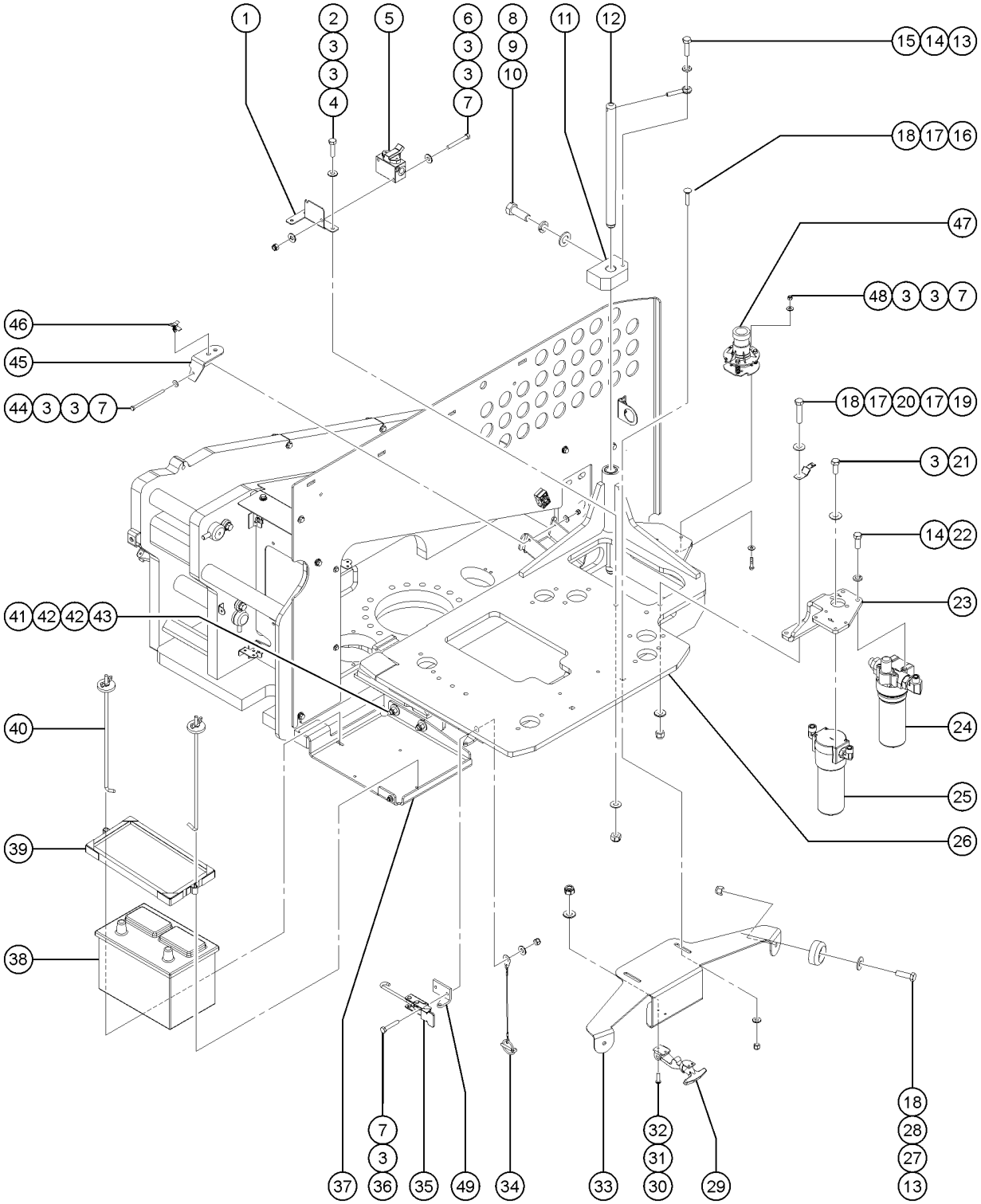
408.1 Ford MSG-425 EFI Engine, View 4



408.1 Ford MSG-425 EFI Engine, View 4

Item	Part No.	Description	Qty.
52	236364GT	FAN SHROUD, MSG425	1
53	236421GT	ENGINE MOUNT, RIGHT, MSG425	1
54	44064GT	SCREW,HHC,M10 X 30MM,	
55	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	
56	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	2
57	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	1
58	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH	1
59A	237856GT	FUSE BOX COVER	1
59B	237857GT	FUSE BOX RELAY STICKER (not shown) not included with 237856, order seperately	1

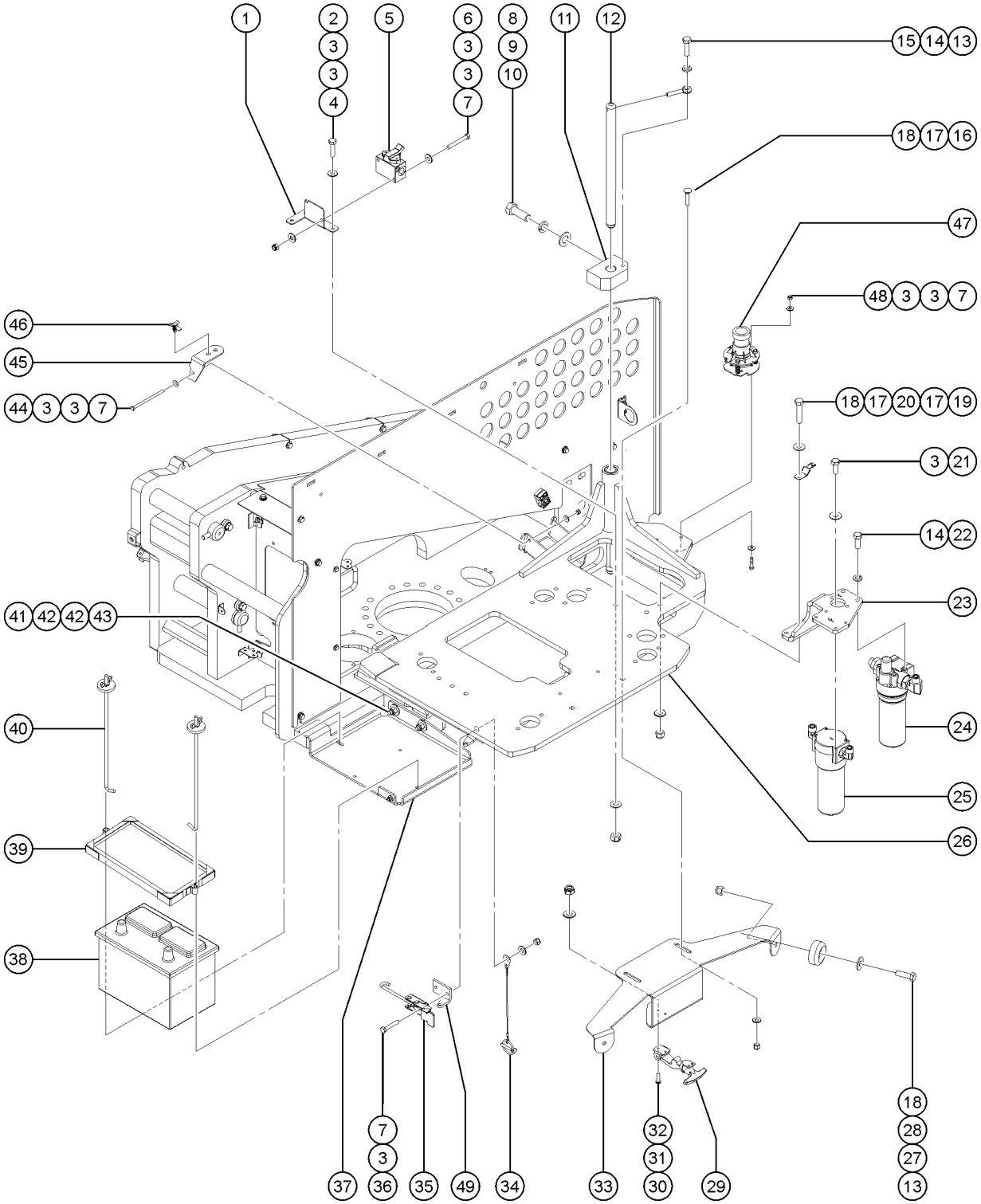
409.1 Engine Tray



409.1 Engine Tray

Item	Part No.	Description	Qty.
1	111699GT	FORMING,FUEL PRES.REG MNT	1
2	13000GT	SCREW,HHC,5/16-18 X 1.25	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	6782GT	NUT, NYLOCK, 5/16-18	
5	122246GT	REGULATOR,FUEL PRESS,TME27'07	1
6	4266GT	SCREW,HHC,1/4-20 X 2	
7	6091GT	NUT,NYLOCK,1/4-20	
8	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8	2
9	6036GT	WASHER,LOCK,.625 PLTD	
10	13064GT	WASHER,FLAT,.625 HARDENED	
11	107805GT	EAR, ENGINE TRAY PIVOT	1
12	107803GT	PIN,1.00DIAX15.56LG,CHAMFER	1
13	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
14	6021GT	WASHER, LOCK, .375	
15	1255452GT	ROD END,.375 X 2.25,ZAG	1
16	112572GT	BOLT,CARRIAGE,3/8-16X1.75	
17	5397GT	WASHER, FLAT, USS, 5/16-18	
18	4828GT	NUT, NYLOCK, 3/8-16	
19	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	2
20	99346GT	CLIP, METAL MOUNTING	1
21	6090GT	SCREW, HHC, 1/4-20 X .75	
22	6175GT	SCREW,HHC,3/8-16 X 1	
23	235654GT	FORMING,OIL FILTER BRACKET	1
24	60334GT	FILTER ASSY,HIGH PRESS SAE-12*	1
24-	58222GT	O-RING,FILTER ASSY (60334)***	
24-	58223GT	SEAL,FILTER ASSY (60334)***	
24-	58380GT	FILTER INDICATOR-(60334)	
24-	60857GT	FILTER,ELEMENT,BETA(5)=1000	

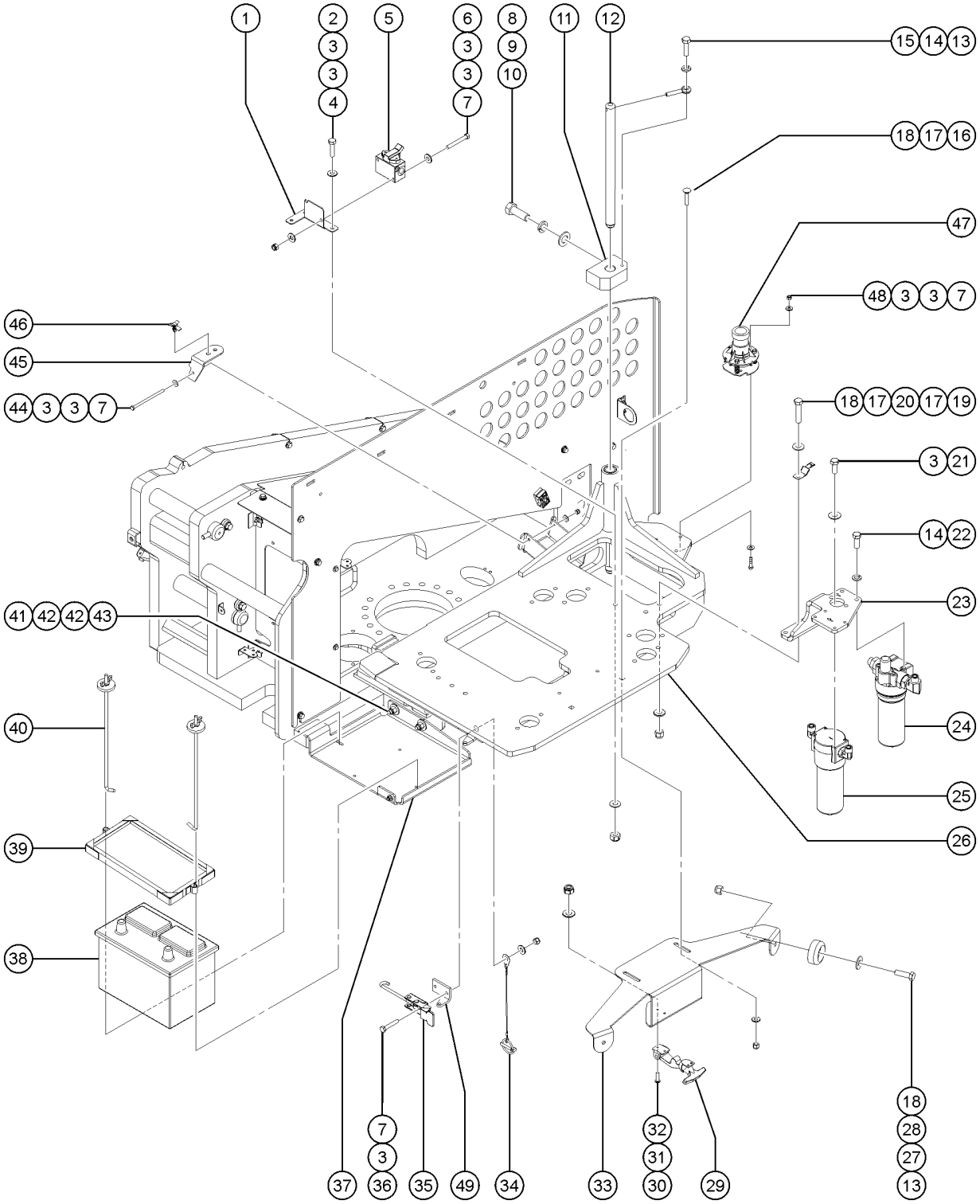
409.1 Engine Tray



409.1 Engine Tray

Item	Part No.	Description	Qty.
25		FILTER ASY,M PRESS,SAE8,WOIND* (77139) component no longer available	1
25-	60857GT	FILTER,ELEMENT,BETA(5)=1000 for 77139	
25A	1267807GT	ASSEMBLY, MED. PRESS. FILTER, SAE8	
25A-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS for 1267807	
26	235649GT	WELDMENT, ENGINE TRAY	1
27	6097GT	WASHER, FLAT, USS, 3/8", Y	
28	50974GT	BUMPER,RUBBER,COVERS	2
29	45363GT	LATCH,FLEXIBLE	1
30	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	
31	6146GT	WASHER,FLAT,MS,#10,Y	
32	6178GT	NUT, NYLOCK, 10-32	
33	215593GT	FORMING, ENGINE COVER LATCH	1
34	54432GT	LANYARD,LYNCH PIN ASSY	1
35	27126GT	LATCH,DRAW,ADJUSTABLE	1
36	6145GT	SCREW, HHC, 1/4-20 X 1.5	
37	147067GT	BRACKET,BATTERY MOUNT	1
38A	1303581GT	BATTERY, 12V, 950CCA, FLA wet battery, deisel engine	
38B	36872GT	BATTERY, 12V 10" x 7" x 8.25"; wet battery, gasoline engine	1
39A	30144GT	BATTERY HOLD DOWN,GROUP 31 deisel engine	1
39B	T107827GT	BATTERY HOLD DOWN gasoline engine	
39B-	18504GT	NUT,LOCKING-LG.FLANGE,1/4-20 not included, sold seperately, gasoline engine	4
39B-	6638GT	WASHER, FLAT, USS, 1/4"Y not included, sold seperately, gasoline engine	2
39B-	6091GT	NUT,NYLOCK,1/4-20 not included, sold seperately, gasoline engine	2
40A	45708GT	HOOK,BATT HOLD DOWN,10" deisel engine	2
40B	27506GT	THREADED ROD,(1/4-20),8.5" gasoline engine	2
41	6198GT	NUT, NYLOCK, 1/2-13	
42	6095GT	WASHER,FLAT,USS,1/2",Y	
43	22788GT	SCREW,HHC,1/2-13 X 1.75	

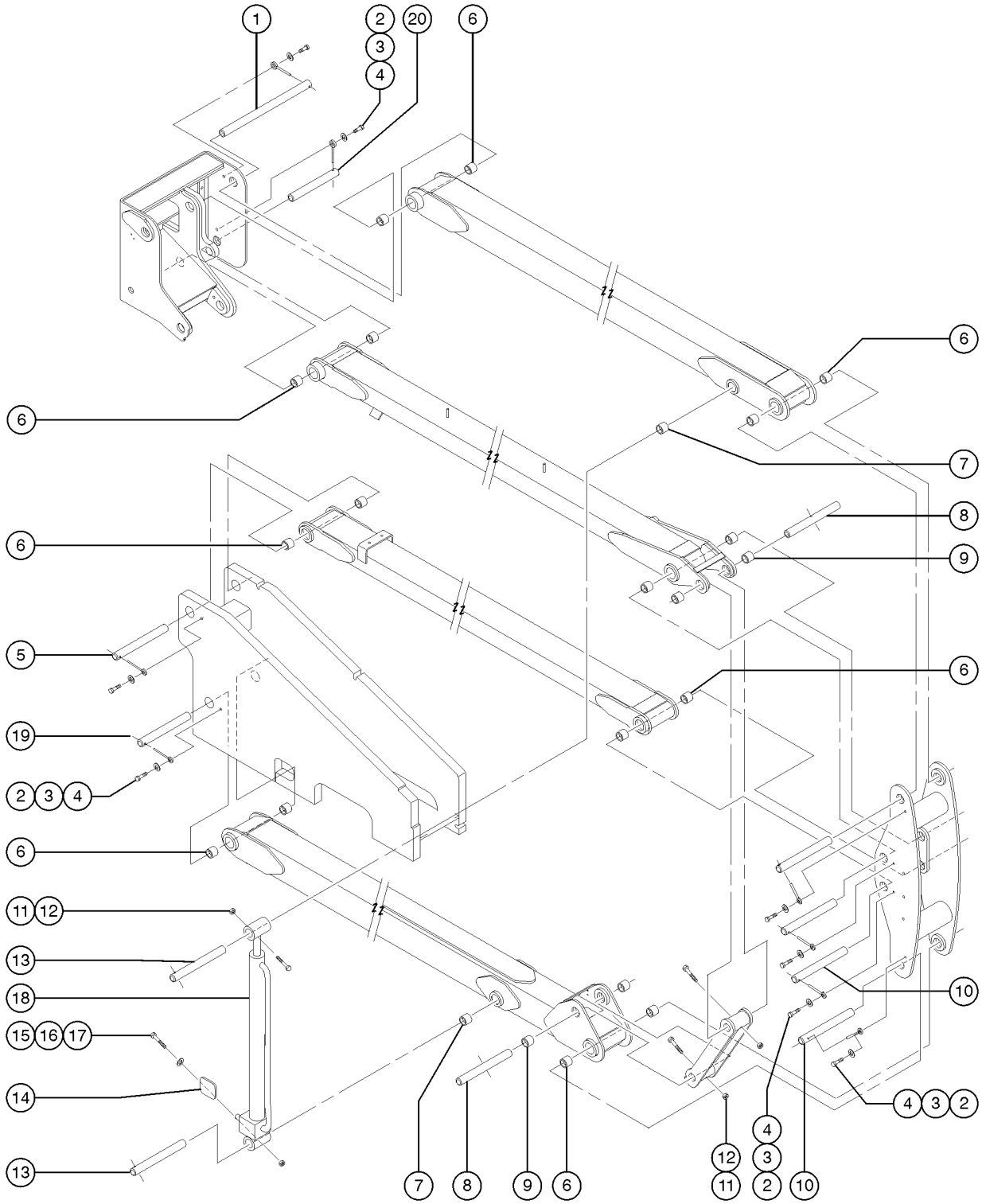
409.1 Engine Tray



409.1 Engine Tray

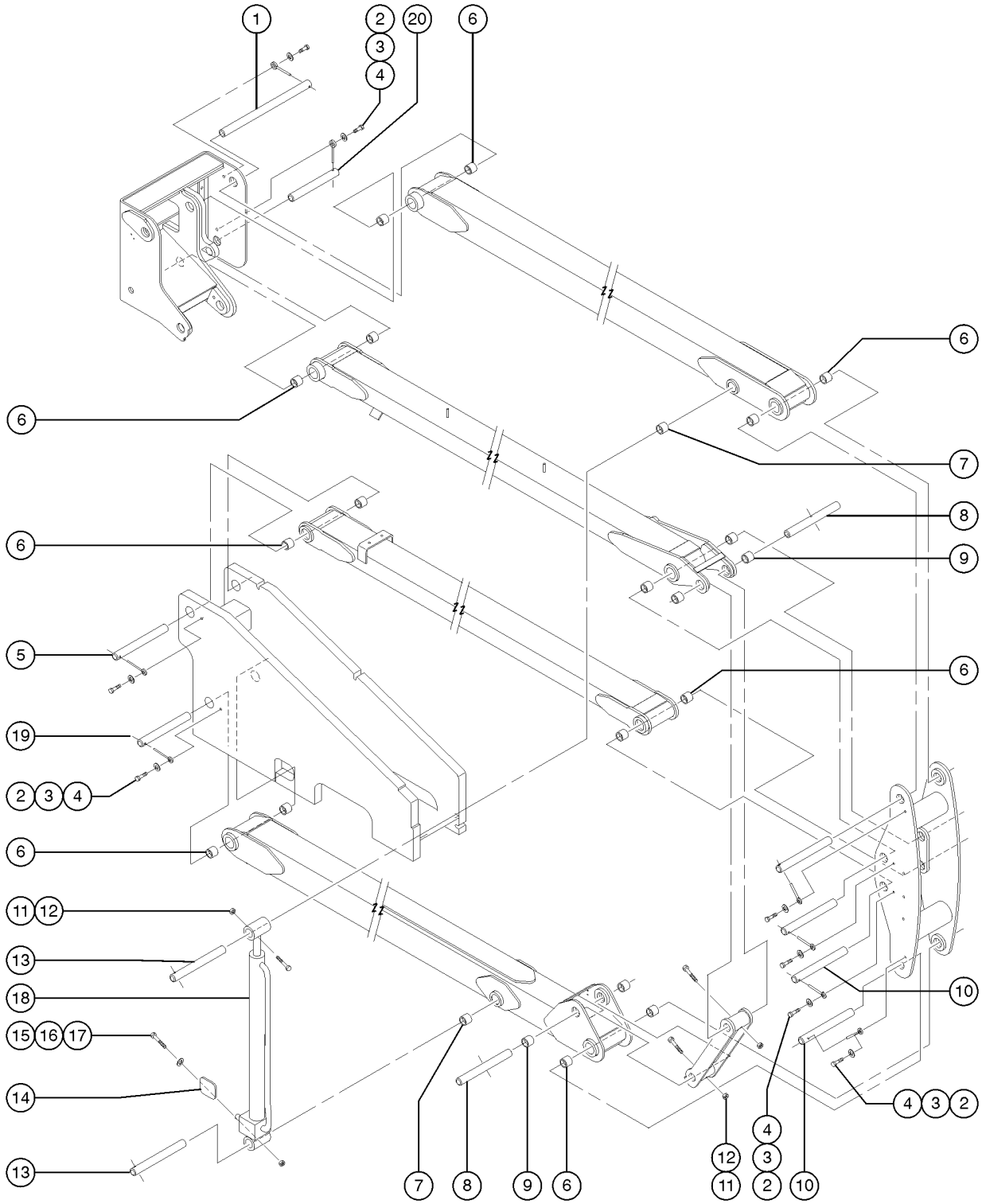
Item	Part No.	Description	Qty.
44	74254GT	SCREW,HHC,1/4-20 X 4.5	
45	219353GT	FORMING, FUEL LINE BRACKET	1
46	105214GT	CABLE TIE MOUNT, WINGED	2
47A	94077GT	SENSOR,LEVEL,4.5 DEG ANSI; white ring. PN 1261449 may be required, see below	
47B	110382GT	LEVEL SENSOR,LS60,YL,2.5X4.5 CE with load sense; yellow ring	
47C	1264947GT	KIT, LEVEL SENSOR, 6 PIN CONN For ANSI/CSA models with 6-pin wire harness connector	
48	8915GT	SCREW, HHC, 1/4-20 X 1.25	
49	54244-SGT	BRACKET,LATCH MOUNT,RH**	1

501.1 Boom Pins and Bearings, Z-45/25J



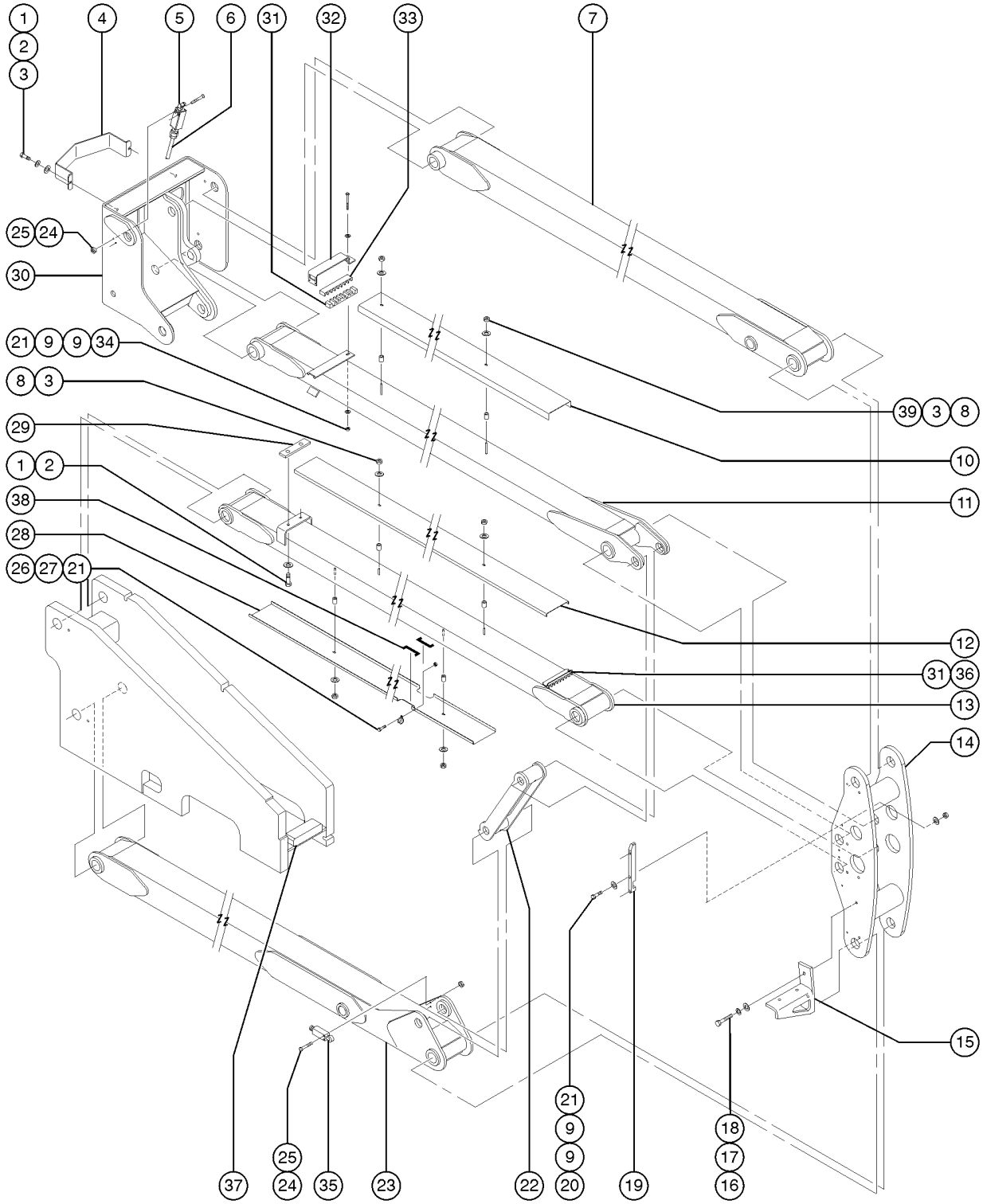
Item	Part No.	Description	Qty.
1	88676GT	PIN,2.00DIAX24.00LG,CHAMFER***	1
2	8177GT	SCREW,HHC,1/2-13 X 1.5	
3	6033GT	WASHER,LOCK,0.5"	
4	1256267GT	ROD END,.5 X 3.75,ZAG	
5	107859GT	PIN,2.00DIAX12.88LG,CHAMFER***	1
6	18720GT	BEARING,2.0IDX2.25ODX1.50L	16
7	45071GT	BEARING,1.5IDX1.75ODX1.5L	4
8	107727GT	PIN,1.50DIAX7.50LG,1HOLE***	2
9	54156GT	BEARING,FL,1.5IDX1.75ODX1.10LG	4
10	107588GT	PIN,2.00DIAX10.88LG,CHAMFER	4
11	4828GT	NUT, NYLOCK, 3/8-16	
12	14033GT	SCREW, HHC, 3/8-16 X 2.75	
13	50455GT	PIN,1.50DIAX13.88LG,2HOLE	4
18	88203GT	CYLINDER,ELEVATE,Z45/25***	2
18-	77521GT	SEAL KIT,ELEVATE (88203) for 88203	
18-	77303GT	VALVE, CNTRBAL 3500 PSI, ATM VEN for 88203	
19	107590GT	PIN,2.00DIAX12.88LG,CHAMFER***	1
20	107859GT	PIN,2.00DIAX12.88LG,CHAMFER*** (replaced 107589)	1

501.2 Boom Pins and Bearings, Z-45/25



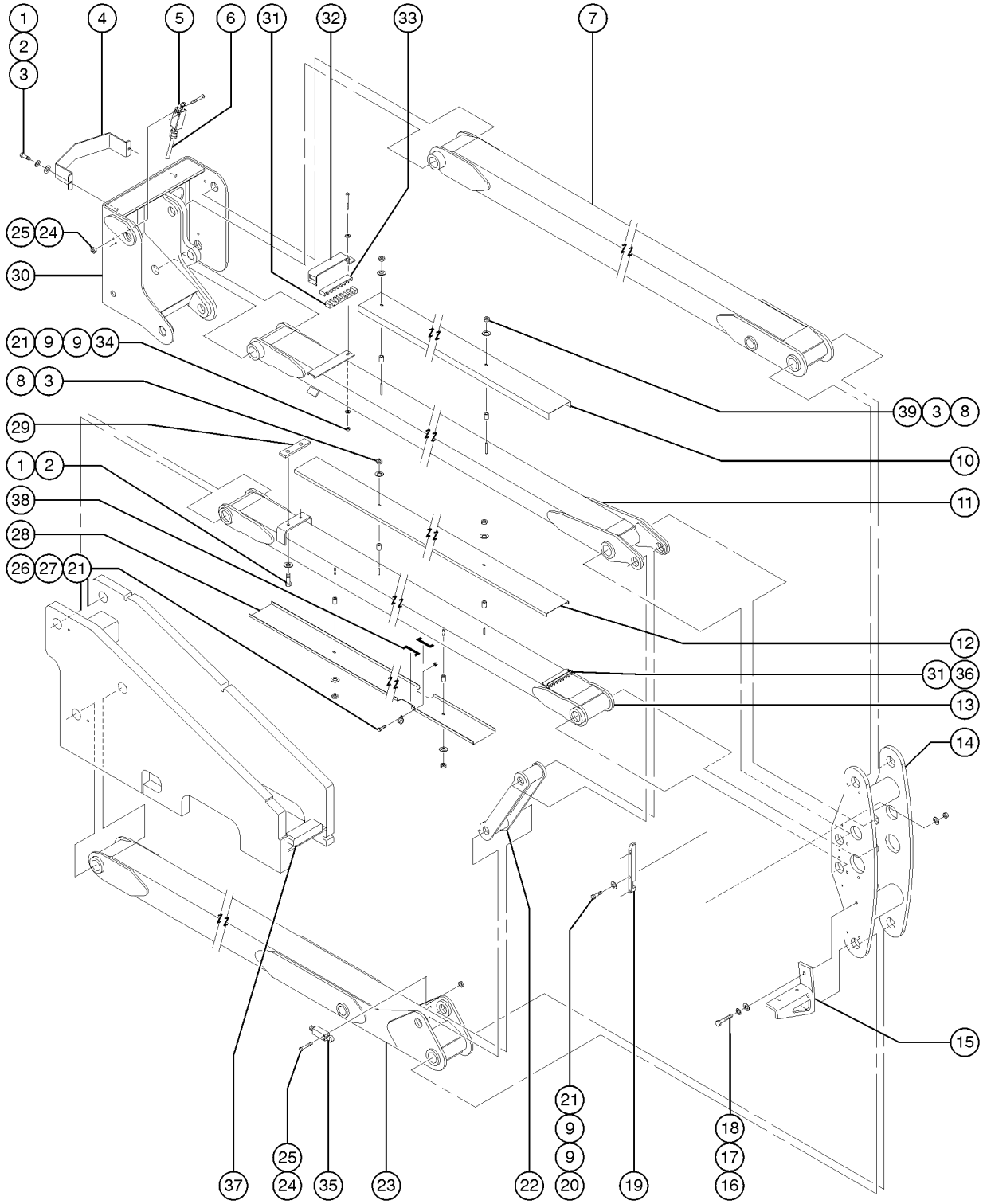
Item	Part No.	Description	Qty.
1	88676GT	PIN,2.00DIAX24.00LG,CHAMFER***	1
2	8177GT	SCREW,HHC,1/2-13 X 1.5	
3	6033GT	WASHER,LOCK,0.5"	
4	1256267GT	ROD END,.5 X 3.75,ZAG	
5	107859GT	PIN,2.00DIAX12.88LG,CHAMFER***	1
6	18720GT	BEARING,2.0IDX2.25ODX1.50L	16
7	45071GT	BEARING,1.5IDX1.75ODX1.5L	4
8	107727GT	PIN,1.50DIAX7.50LG,1HOLE***	2
9	54156GT	BEARING,FL,1.5IDX1.75ODX1.10LG	4
10	107588GT	PIN,2.00DIAX10.88LG,CHAMFER	4
11	4828GT	NUT, NYLOCK, 3/8-16	
12	14033GT	SCREW, HHC, 3/8-16 X 2.75	
13	50455GT	PIN,1.50DIAX13.88LG,2HOLE	4
14	54726GT	WEAR PAD,SECONDARY CYL,NON/JIB Z-45/25	1
15	6326GT	SCREW,HHC,3/8-16 X 3 Z-45/25	
16	5397GT	WASHER, FLAT, USS, 5/16-18 Z-45/25	
17	7713GT	NUT, LP NYLOCK, 3/8-16 Z-45/25	
18	88203GT	CYLINDER,ELEVATE,Z45/25***	2
18-	77303GT	VALVE, CNTRBAL 3500 PSI, ATM VEN for 88203	
18-	77521GT	SEAL KIT,ELEVATE (88203) for 88203	
19	107590GT	PIN,2.00DIAX12.88LG,CHAMFER***	1
20	107859GT	PIN,2.00DIAX12.88LG,CHAMFER*** (replaced 107589)	1

502.1 Boom Linkage, Z-45/25J



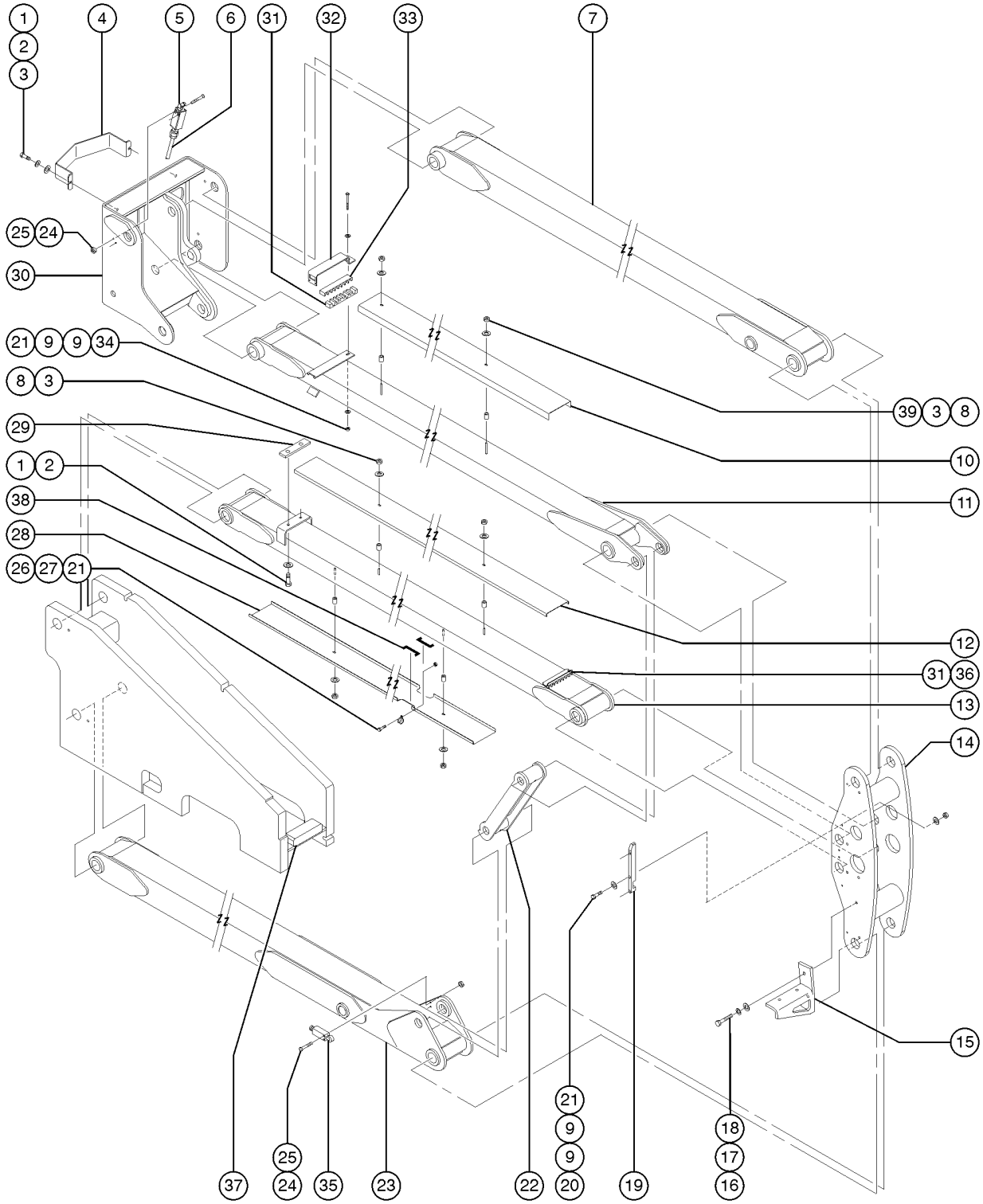
Item	Part No.	Description	Qty.
1	6175GT	SCREW,HHC,3/8-16 X 1	
2	6021GT	WASHER, LOCK, .375	
3	6097GT	WASHER, FLAT, USS, 3/8", Y	
4	237688GT	COVER, UPPER PIVOT	1
5	88356-11163GT	SWITCH,LIMIT,W/RLLR ARM,NO/NC*	1
5-	106427GT	LS ROT.HEAD W/O LEVER (ZCE01)	
5-	97128GT	ROLLER ARM,LIMIT SWITCH***	
6	43960GT	WIRE CABLE,16/4 CON.TPE JKT	396-inches
7	110305GT	UPPER SECONDARY ARM ASSY-Z45**	1
8	7713GT	NUT, LP NYLOCK, 3/8-16	
9	6638GT	WASHER, FLAT, USS, 1/4"Y	
10	88370PGT	HOSE COVER,UPPER ARM,PAINTED	
11	110306GT	UPPER LEVEL ARM ASSY,SERV***	1
12	50517-SGT	HOSE COVER,LOWER LEVEL,TOP,PAI	1
13	110307GT	LOWER LEVEL ARM ASSY***	1
14	110310GT	MIDPIVOT ASSY Z45IC*** USA/Canada/Australian	1
14-	106972GT	WELDMENT,MID PIVOT,MACHINED***	
15	50952-SGT	BOOM REST WELDMENT Z-45/25J	1
16B	8177GT	SCREW,HHC,1/2-13 X 1.5 Z-45/25J	
17	6033GT	WASHER,LOCK,0.5" Z-45/25J	
18	6095GT	WASHER,FLAT,USS,1/2",Y Z-45/25J	
19B	107881GT	WEAR PAD,MID PIVOT*** Z-45/25J	1
20	6637GT	SCREW,HHC,1/4-20 X 1.75	
21	6091GT	NUT,NYLOCK,1/4-20	
22	50479-SGT	CONNECTING LINK, Z45/25	1
23	110308GT	LOWER SECONDARY ARM ASSY***	1
24	49775GT	SCREW,PHILLIPS,PHM,10-32X 1.75	

502.1 Boom Linkage, Z-45/25J



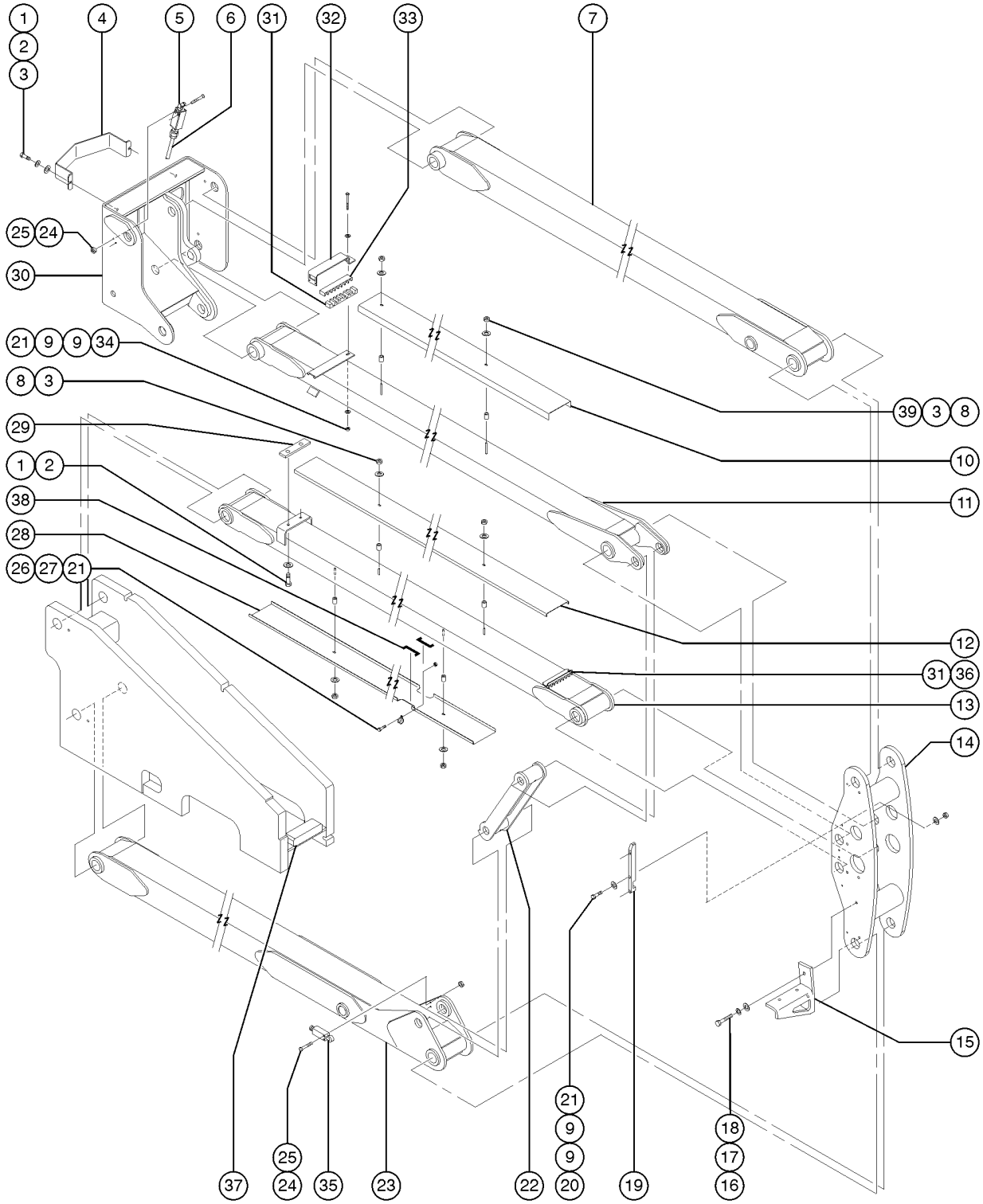
Item	Part No.	Description	Qty.
25	6178GT	NUT, NYLOCK, 10-32	
26	8914GT	SCREW, HHC, 1/4-20 X .625	
27	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	
28	50548PGT	HOSE COVER,LOWER LEVEL,BOT,PAI	1
29	49772GT	WEAR PAD,6 X 1.5 X.50,W/INSERT	
30		Ref. Upper Pivot Assembly (refer to 503.1)	
31	94529GT	CLAMPING BLOCK,HOSE***	1
32	94531PGT	BRACKET,HOSE CLAMP PAINTED***	1
33	128998GT	CLAMPING BLOCK, CABLE, Z45/51	1
34	6888GT	SCREW, HHC, 1/4-20 X 1	
35	88356-11205GT	SWITCH,LIMIT,W/RLLR ARM NO/NC	1
35-	89756GT	NECK/HEAD-LIMIT SWITCH (88356)	
35-	97128GT	ROLLER ARM,LIMIT SWITCH***	
36	70685PGT	FORMING, HOSE CLAMP, PAINTED	1
37	56849GT	PAD,REST,1"THICK,W/STUDS*	1
38	1697GT	TRIMLOCK,BLACK,3/16 cut to 4 inches	8 inches
39	42941GT	HOSE,3/8",FUEL,30R7 cut to 0.75 inch	1 inch

502.2 Boom Linkage, Z-45/25



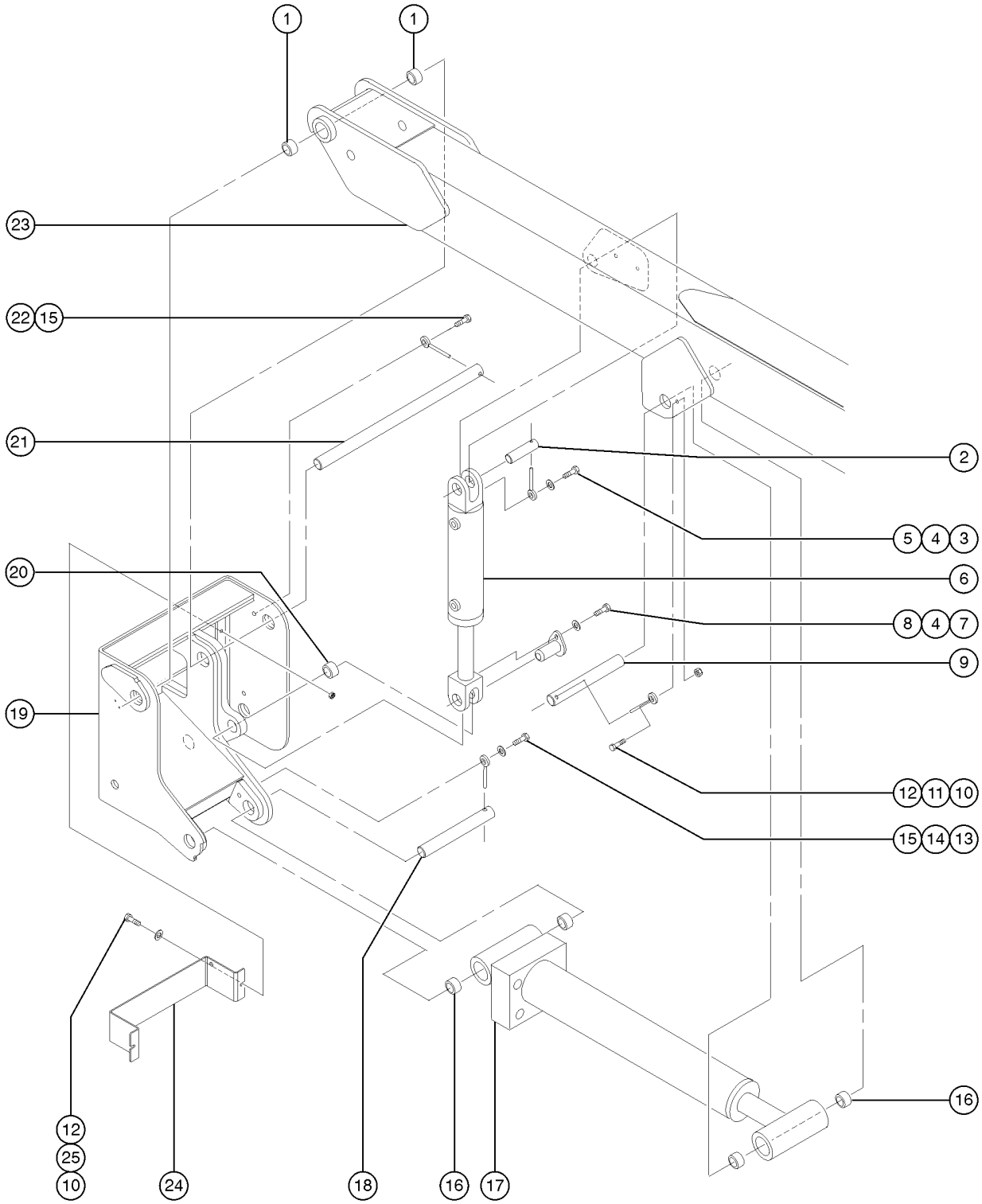
Item	Part No.	Description	Qty.
1	6175GT	SCREW,HHC,3/8-16 X 1	
2	6021GT	WASHER, LOCK, .375	
3	6097GT	WASHER, FLAT, USS, 3/8", Y	
4	237688GT	COVER, UPPER PIVOT	1
5	88356-11163GT	SWITCH,LIMIT,W/RLLR ARM,NO/NC*	1
5-	106427GT	LS ROT.HEAD W/O LEVER (ZCE01)	
5-	97128GT	ROLLER ARM,LIMIT SWITCH***	
6	43960GT	WIRE CABLE,16/4 CON.TPE JKT	396-inches
7	110305GT	UPPER SECONDARY ARM ASSY-Z45**	1
8	7713GT	NUT, LP NYLOCK, 3/8-16	
9	6638GT	WASHER, FLAT, USS, 1/4"Y	
10	88370PGT	HOSE COVER,UPPER ARM,PAINTED	
11	110306GT	UPPER LEVEL ARM ASSY,SERV***	1
12	50517-SGT	HOSE COVER,LOWER LEVEL,TOP,PAI	1
13	110307GT	LOWER LEVEL ARM ASSY***	1
14	110310GT	MIDPIVOT ASSY Z45IC*** USA/Canada/Australian	1
14-	106972GT	WELDMENT,MID PIVOT,MACHINED***	
16A	10587GT	SCREW,HHC,1/2-13 X.75 Z-45/25	
19A	107881GT	WEAR PAD,MID PIVOT*** Z-45/25	2
20	6637GT	SCREW,HHC,1/4-20 X 1.75	
21	6091GT	NUT,NYLOCK,1/4-20	
22	50479-SGT	CONNECTING LINK, Z45/25	1
23	110308GT	LOWER SECONDARY ARM ASSY***	1
24	49775GT	SCREW,PHILLIPS,PHM,10-32X 1.75	
25	6178GT	NUT, NYLOCK, 10-32	
26	8914GT	SCREW, HHC, 1/4-20 X .625	
27	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	

502.2 Boom Linkage, Z-45/25



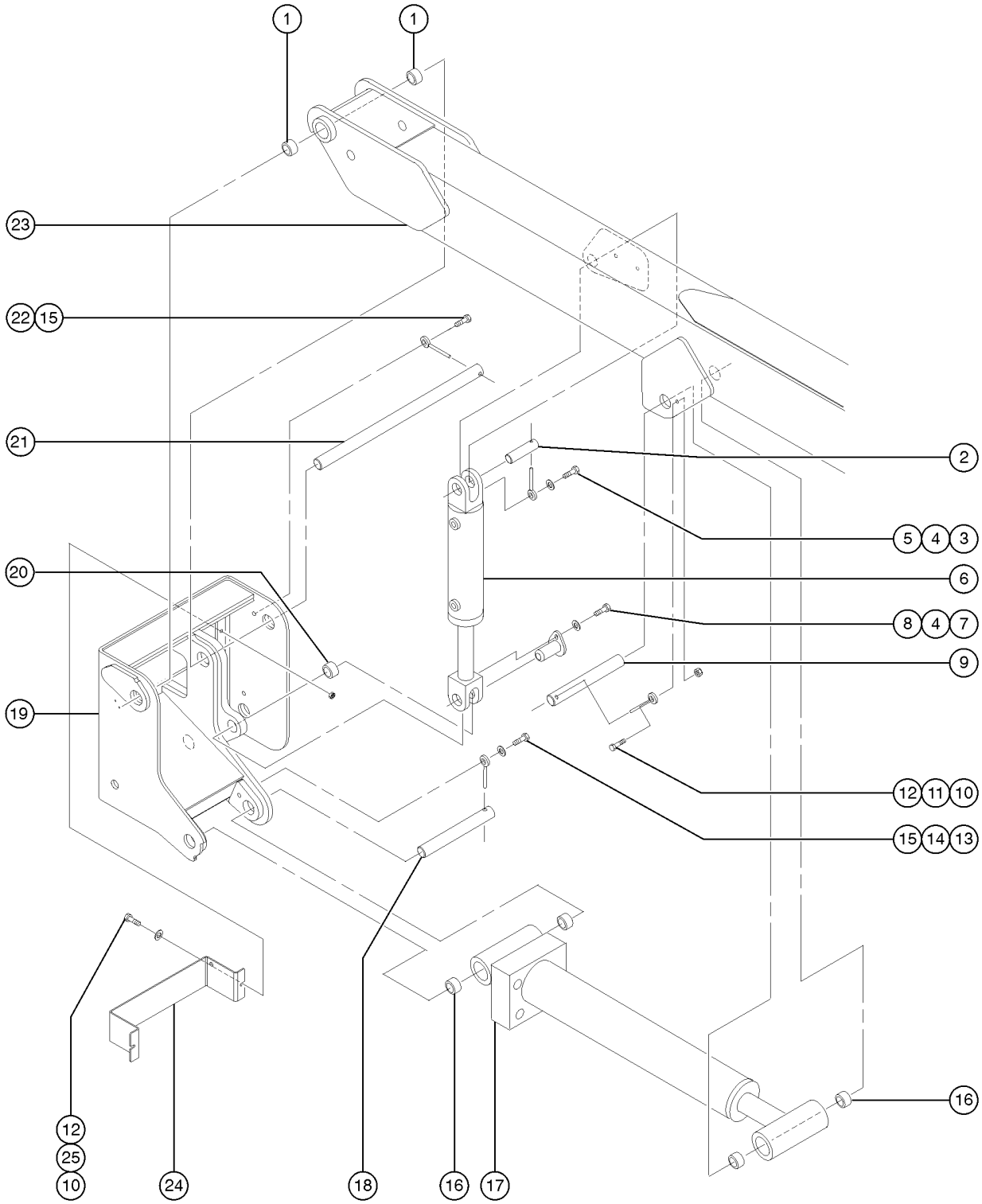
Item	Part No.	Description	Qty.
28	50548PGT	HOSE COVER,LOWER LEVEL,BOT,PAI	1
29	49772GT	WEAR PAD,6 X 1.5 X.50,W/INSERT	
30		Ref. Upper Pivot Components (refer to 503.1)	
31	94529GT	CLAMPING BLOCK,HOSE***	1
32	94531PGT	BRACKET,HOSE CLAMP PAINTED***	1
33	128998GT	CLAMPING BLOCK, CABLE, Z45/51	1
34	6888GT	SCREW, HHC, 1/4-20 X 1	
35	88356-11205GT	SWITCH,LIMIT,W/RLLR ARM NO/NC	1
35-	89756GT	NECK/HEAD-LIMIT SWITCH (88356)	
35-	97128GT	ROLLER ARM,LIMIT SWITCH***	
36	70685PGT	FORMING, HOSE CLAMP, PAINTED	1
37	56849GT	PAD,REST,1"THICK,W/STUDS*	1
38	1697GT	TRIMLOCK,BLACK,3/16 cut to 4 inches	8 inches
39	42941GT	HOSE,3/8",FUEL,30R7 cut to 0.75 inch	1 inch

503.1 Upper Pivot Components, Z-45/25J



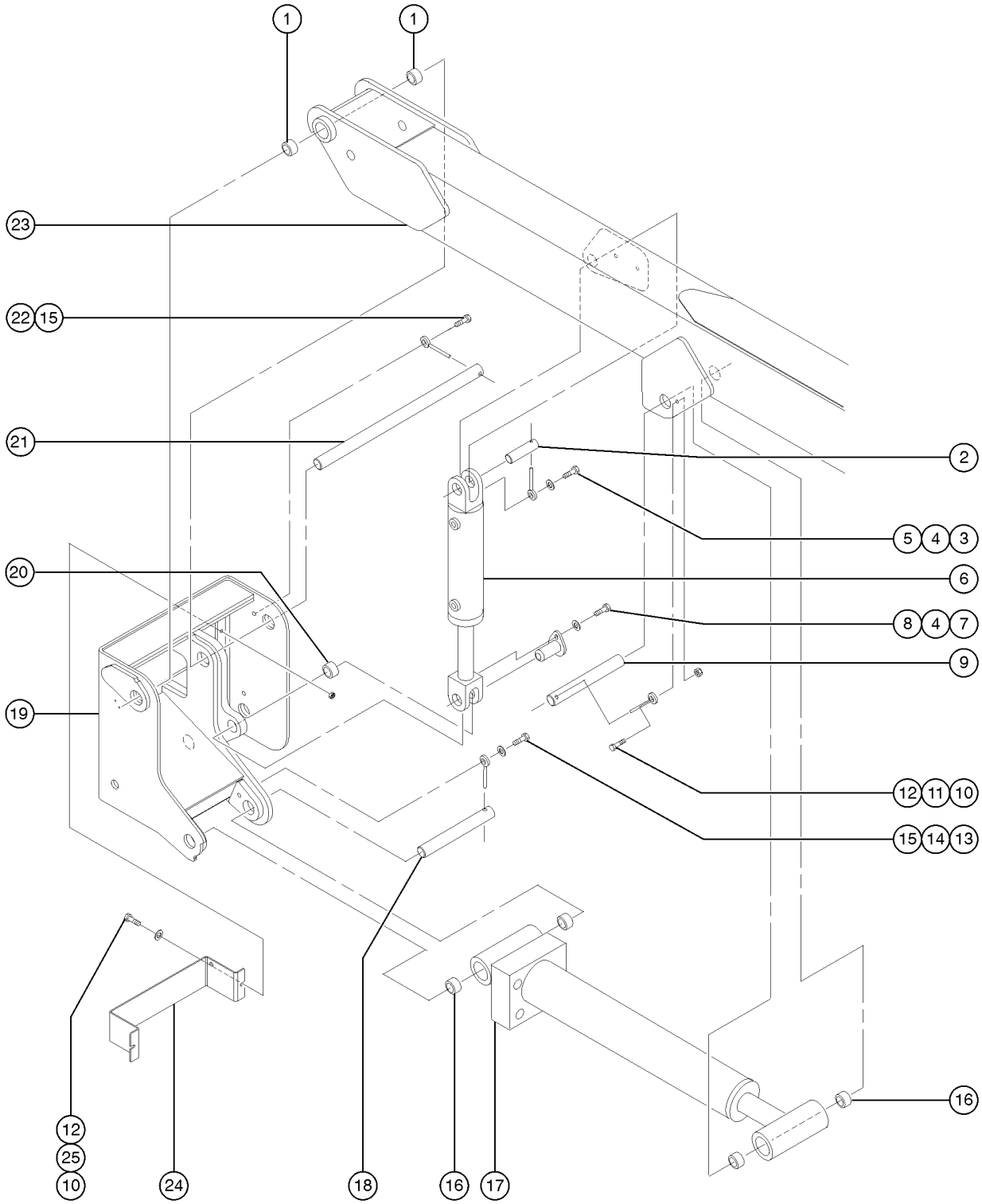
Item	Part No.	Description	Qty.
1	18720GT	BEARING,2.0IDX2.25ODX1.50L	2
2	34276GT	PIN,1.25DIAX3.37LG,1HOLE	1
3	6175GT	SCREW,HHC,3/8-16 X 1	
4	6021GT	WASHER, LOCK, .375	
5	1255452GT	ROD END,.375 X 2.25,ZAG	1
6	77362GT	CYLINDER,LEVELING,UPPER PIVOT,Z-45	1
6-	77364GT	SEAL KIT, LEVELING CYLINDER	
7	8255GT	SCREW,HHC,3/8-16 X .75	
8	70671GT	PIN,1.25 DIA X 3.19 LG, PLATE	1
9	50542GT	PIN,1.75DIAX9.25LG,1HOLE	1
10	8516GT	SCREW, HCC, 3/8-16 X 1.50	
11	825019GT	ROD END, .375X3.69, ZAG	1
12	4828GT	NUT, NYLOCK, 3/8-16	
13	8177GT	SCREW,HHC,1/2-13 X 1.5	
14	6033GT	WASHER,LOCK,0.5"	
15	1256267GT	ROD END,.5 X 3.75,ZAG	2
16	1262633GT	BUSHING,POLYGON,BM5120	4
17B	1263057GT	CYLINDER,PRIM LIFT JIB,Z45 Z-45/25J (includes item 16)	1
17B-	77189GT	SEAL KIT,CYL,Z45 (77187&77188) for 77187, 77188, 1263057	
17B-	77014GT	VALVE,COUNTERBALANCE,3800 PSI	
18	70534GT	PIN,1.75DIAX11.88LG,CHAMFER	1
19	110309GT	UPPER PIVOT W/BEARING-Z45/25**	1
19-	55753GT	BUMPER, PLASTIC, 1.25 O.D.	
20	30370GT	BEARING,1.25IDX1.5ODX1.00L	1
21	88676GT	PIN,2.00DIAX24.00LG,CHAMFER***	1
22	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
23		Ref. Primary and Extension Booms (refer to 504.1)	
24	237688GT	COVER, UPPER PIVOT	1

503.1 Upper Pivot Components, Z-45/25J



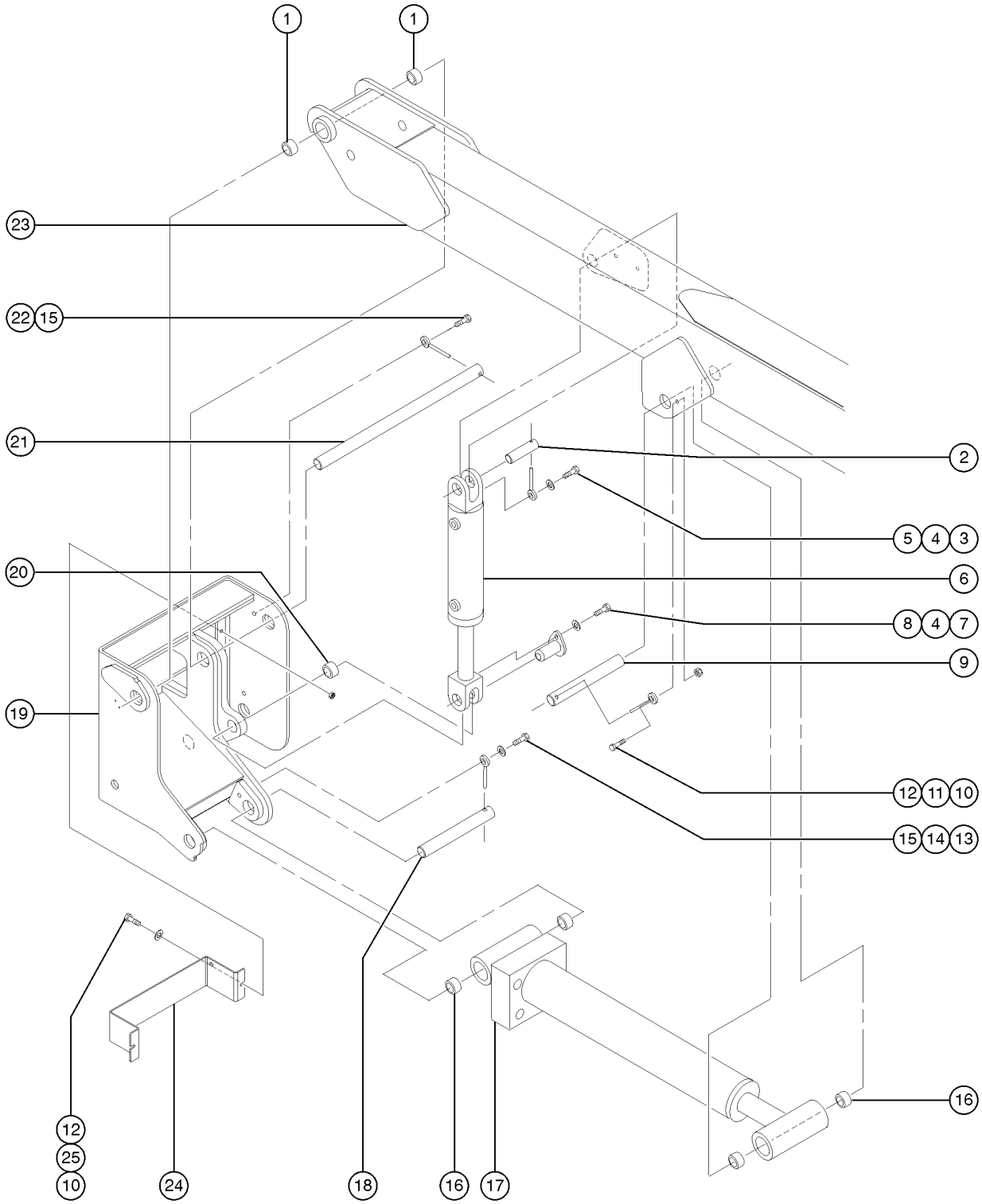
Item	Part No.	Description	Qty.
25	5397GT	WASHER, FLAT, USS, 5/16-18	

503.2 Upper Pivot Components, Z-45/25



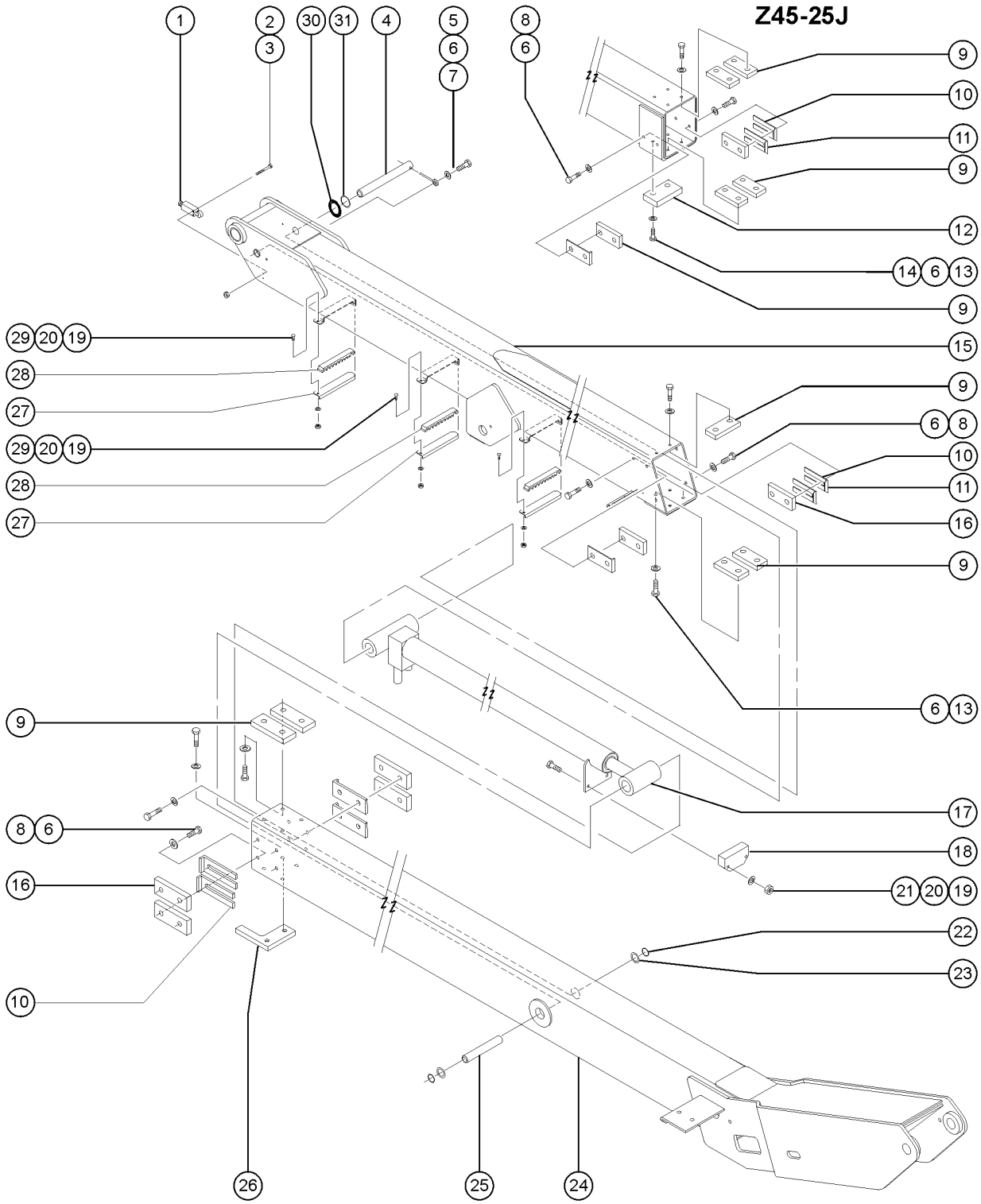
Item	Part No.	Description	Qty.
1	18720GT	BEARING,2.0IDX2.25ODX1.50L	2
2	34276GT	PIN,1.25DIAX3.37LG,1HOLE	1
3	6175GT	SCREW,HHC,3/8-16 X 1	
4	6021GT	WASHER, LOCK, .375	
5	1255452GT	ROD END,.375 X 2.25,ZAG	1
6	77362GT	CYLINDER,LEVELING,UPPER PIVOT,Z-45	1
6-	77364GT	SEAL KIT, LEVELING CYLINDER	
7	8255GT	SCREW,HHC,3/8-16 X .75	
8	70671GT	PIN,1.25 DIA X 3.19 LG, PLATE	1
9	50542GT	PIN,1.75DIAX9.25LG,1HOLE	1
10	8516GT	SCREW, HCC, 3/8-16 X 1.50	
11	825019GT	ROD END, .375X3.69, ZAG	1
12	4828GT	NUT, NYLOCK, 3/8-16	
13	8177GT	SCREW,HHC,1/2-13 X 1.5	
14	6033GT	WASHER,LOCK,0.5"	
15	1256267GT	ROD END,.5 X 3.75,ZAG	2
16	1262633GT	BUSHING,POLYGON,BM5120	4
17A	1263056GT	CYLINDER,PRIM LIFT NON JIB,Z45 Z-45/25 (includes item 16)	1
17A-	77189GT	SEAL KIT,CYL,Z45 (77187&77188) for 77187, 1263056	
17A-	77014GT	VALVE,COUNTERBALANCE,3800 PSI for 77187, 1263056	
18	70534GT	PIN,1.75DIAX11.88LG,CHAMFER	1
19	110309GT	UPPER PIVOT W/BEARING-Z45/25**	1
19-	55753GT	BUMPER, PLASTIC, 1.25 O.D.	
20	30370GT	BEARING,1.25IDX1.5ODX1.00L	1
21	88676GT	PIN,2.00DIAX24.00LG,CHAMFER***	1
22	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
23		Ref. Primary and Extension Booms (refer to 504.1)	
24	237688GT	COVER, UPPER PIVOT	1

503.2 Upper Pivot Components, Z-45/25



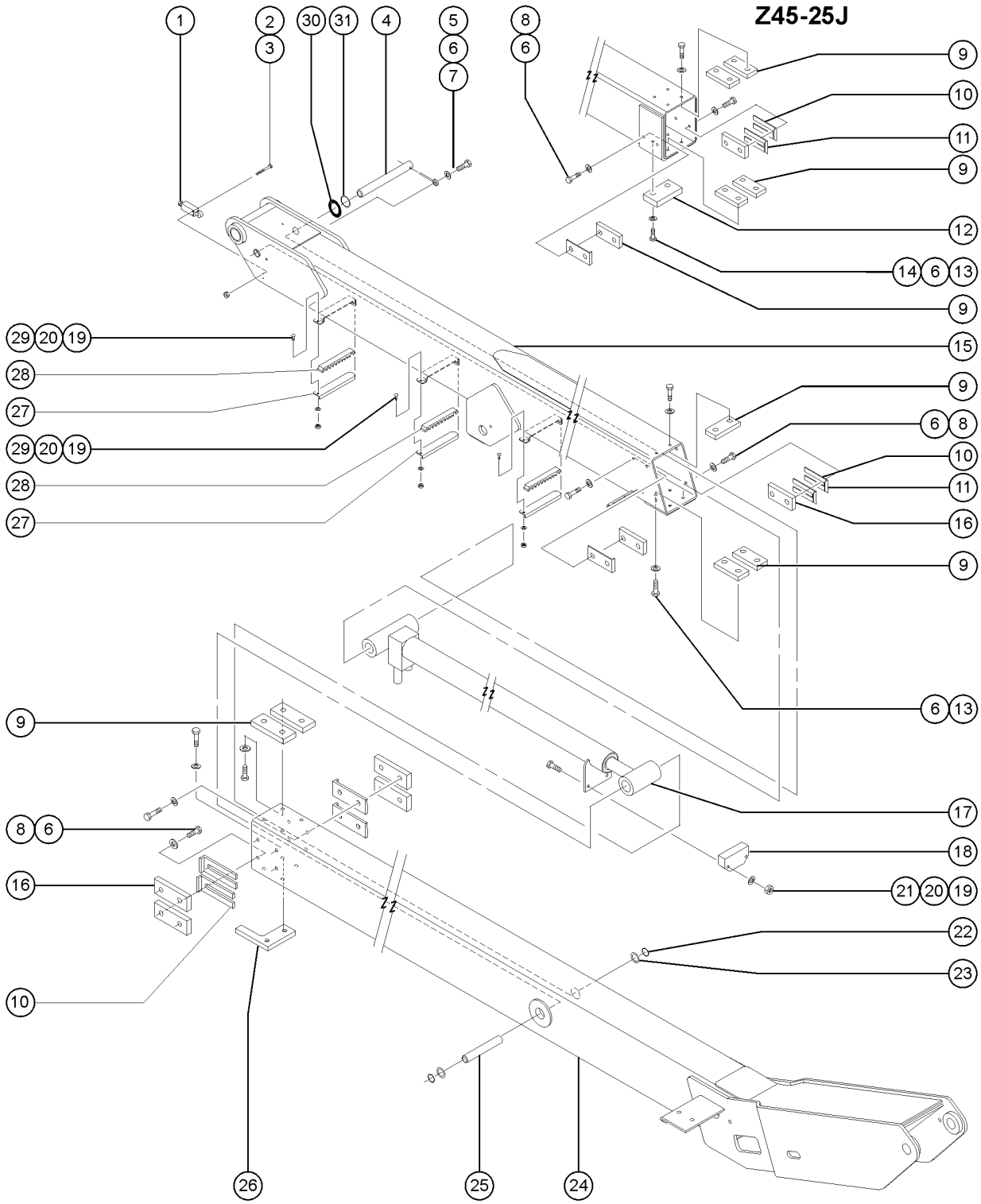
Item	Part No.	Description	Qty.
25	5397GT	WASHER, FLAT, USS, 5/16-18	

504.1 Primary and Extension Booms, Z-45/25J



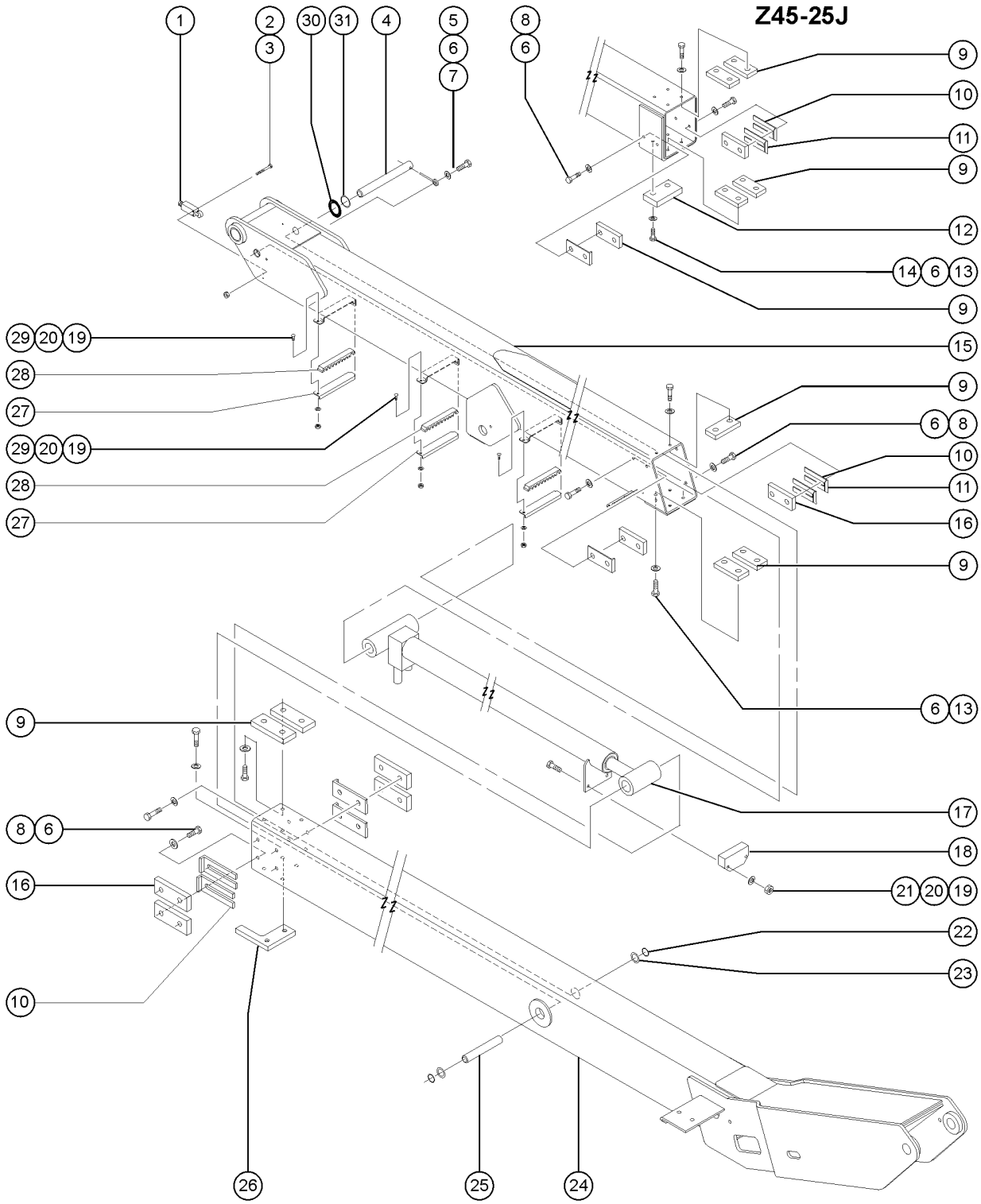
Item	Part No.	Description	Qty.
-	150103GT	WIRE LOOM,1.25"NYLON,HIGH TEMP	103 inches
1	88356-11205GT	SWITCH,LIMIT,W/RLLR ARM NO/NC	1
1-	97128GT	ROLLER ARM,LIMIT SWITCH***	
1-	19491GT	CONTACTOR,LIMIT SWITCH	
2	41488GT	SCREW,PHILLIPS,RHM,10-32 X 2	
3	6178GT	NUT, NYLOCK, 10-32	
4	50584GT	PIN,1.25DIAX9.38LG,THREADED	4
5	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
6	6021GT	WASHER, LOCK, .375	
7	825019GT	ROD END, .375X3.69, ZAG	1
8	94195GT	SCREW,HHC,3/8-16 X .75,GR 8	
9A	34125GT	WEAR PAD,5 X 1.5 X .75 W/NUTS jib models	8
9B	34125GT	WEAR PAD,5 X 1.5 X .75 W/NUTS non-jib models	7
10	29080GT	SHIM,WEAR PAD,5X 1.5 16GA	9
11	42502GT	SHIM,SIDE PAD 22GA.	
12	54157GT	WEAR PAD,PRIMARY BOOM,JIB 5.5X3X1 Z-45/25J	1
13	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	2
14	5397GT	WASHER, FLAT, USS, 5/16-18	
15A	1257052GT	ASSEMBLY,PRIMARY BOOM,Z45 JIB Z-45/25J, bearings included	1
16	30138GT	WEAR PAD,5 X 1.5 X .625 W/NUTS	8
17B	54569GT	CYLINDER,EXTEND,Z45J*** Z-45/25J	1
17B-	65790GT	SEAL KIT CYL.Z45(54569) for 54569	
17B-	54063GT	VALVE,CB.CBBC-LHN@1000*** for 54569	
17B-	43018GT	SEAL KIT (39345) for 54063	
17B-	77410GT	VALVE,COUNTERBALNCE,1500 PSI** for 54569	
18	50698GT	WEAR PAD,EXTENSION CYLINDER	1
19	6091GT	NUT,NYLOCK,1/4-20	

504.1 Primary and Extension Booms, Z-45/25J



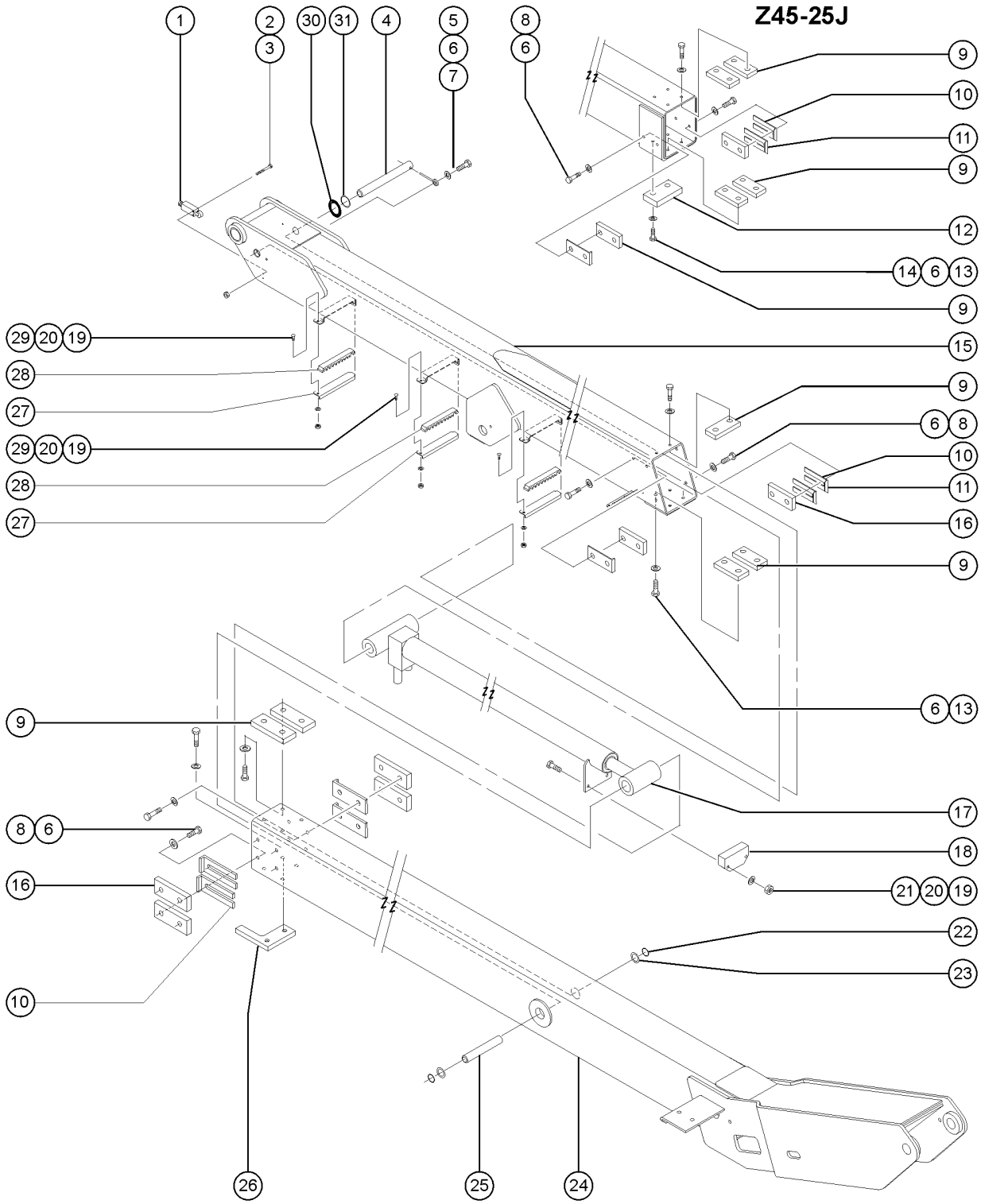
Item	Part No.	Description	Qty.
20	6638GT	WASHER, FLAT, USS, 1/4"Y	
21	6637GT	SCREW,HHC,1/4-20 X 1.75	
22	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	
23	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	
24B	128304GT	WELDMENT,EXT. BOOM,Z45 JIB Z-45/25J	1
25	50546GT	PIN,1.25DIAX6.36LG,2RING	1
26	50552GT	WEAR PAD,EXTENSION BOOM	1
27	128995GT	FORMING, HOSE CLAMP RETAINER	3
28	128601GT	CLAMP, PRI, HOSE/CABLE, Z45/51	3
29	79456GT	BOLT,CARRIAGE,1/4-20 X 1.00,G2	3
30	77376GT	SPACER,NYLON,2.00 X 1.33 X.310	1
31	77375GT	SPACER,NYLON,2.01 X 1.28 X.135	1

504.2 Primary and Extension Booms, Z-45/25



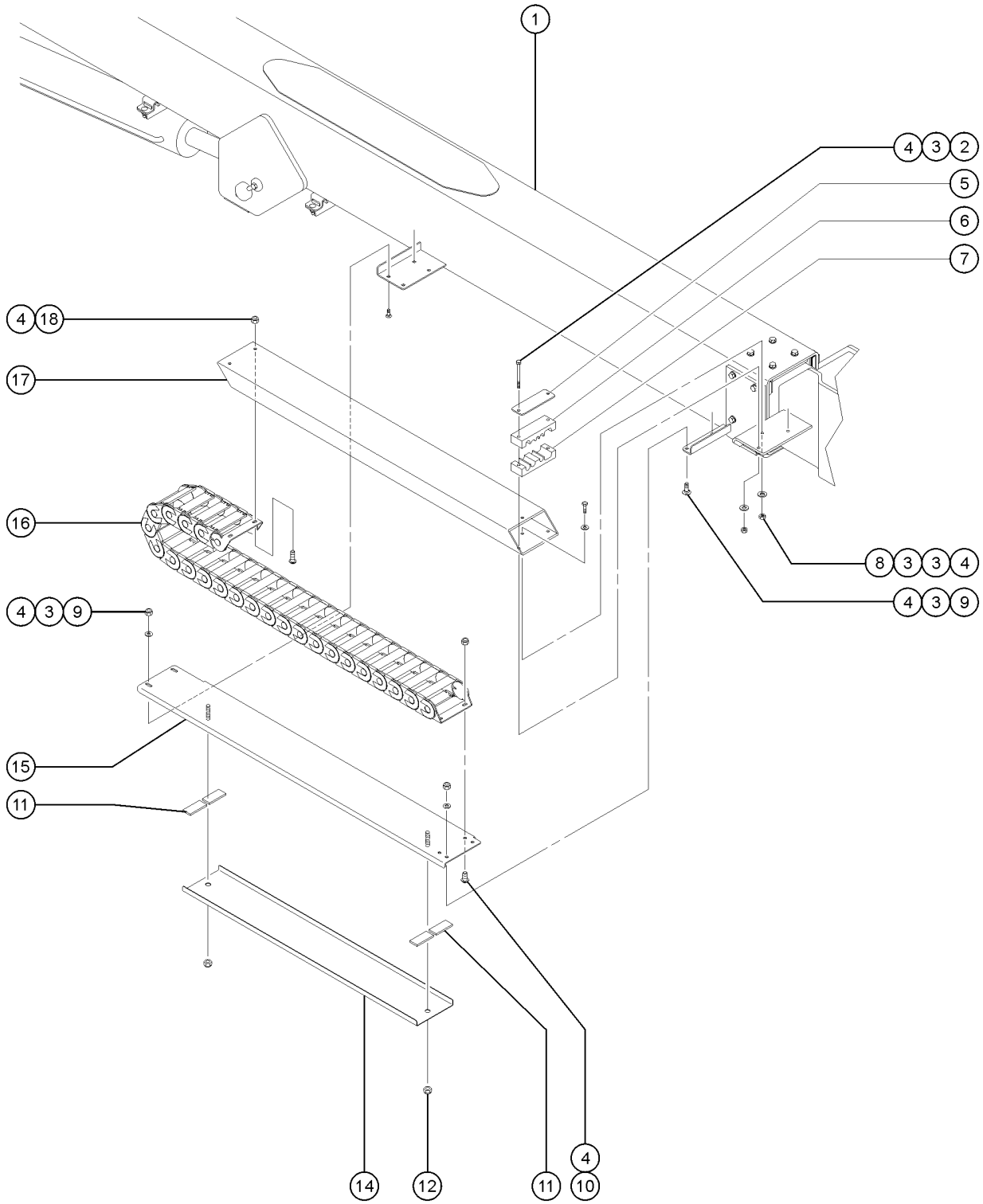
Item	Part No.	Description	Qty.
-	150103GT	WIRE LOOM,1.25"NYLON,HIGH TEMP	103 inches
1	88356-11205GT	SWITCH,LIMIT,W/RLLR ARM NO/NC	1
1-	97128GT	ROLLER ARM,LIMIT SWITCH***	
1-	19491GT	CONTACTOR,LIMIT SWITCH	
2	41488GT	SCREW,PHILLIPS,RHM,10-32 X 2	
3	6178GT	NUT, NYLOCK, 10-32	
4	50584GT	PIN,1.25DIAX9.38LG,THREADED	4
5	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
6	6021GT	WASHER, LOCK, .375	
7	825019GT	ROD END, .375X3.69, ZAG	1
8	94195GT	SCREW,HHC,3/8-16 X .75,GR 8	
9A	34125GT	WEAR PAD,5 X 1.5 X .75 W/NUTS jib models	8
9B	34125GT	WEAR PAD,5 X 1.5 X .75 W/NUTS non-jib models	7
10	29080GT	SHIM,WEAR PAD,5X 1.5 16GA	9
11	42502GT	SHIM,SIDE PAD 22GA.	
12	54157GT	WEAR PAD,PRIMARY BOOM,JIB 5.5X3X1 Z-45/25J	1
13	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	2
14	5397GT	WASHER, FLAT, USS, 5/16-18	
15B	1257051GT	ASSEMBLY,PRIMARY BOOM,Z45 NJ Z-45/25, bearings included	1
16	30138GT	WEAR PAD,5 X 1.5 X .625 W/NUTS	8
17A	54570GT	CYLINDER,EXTEND,Z45 NON JIB Z-45/25	1
17A-	65788GT	SEAL KIT CYL Z45 (54570) for 54570	
17A-	54063GT	VALVE,CB.CBBC-LHN@1000*** for 54570	
17A-	43018GT	SEAL KIT (39345) for 54063	
17A-	77410GT	VALVE,COUNTERBALNCE,1500 PSI** for 54570	
18	50698GT	WEAR PAD,EXTENSION CYLINDER	1
19	6091GT	NUT,NYLOCK,1/4-20	

504.2 Primary and Extension Booms, Z-45/25



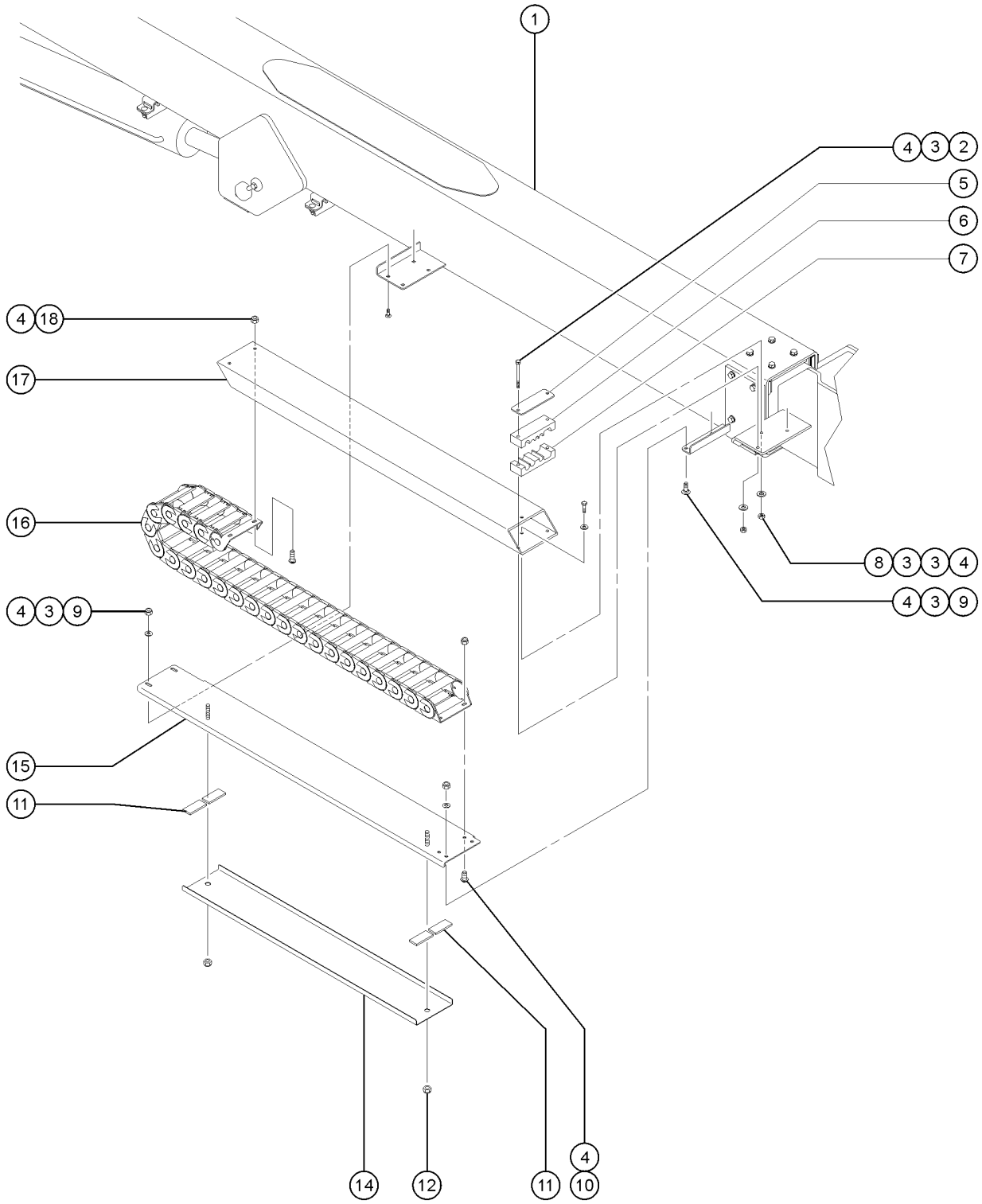
Item	Part No.	Description	Qty.
20	6638GT	WASHER, FLAT, USS, 1/4"Y	
21	6637GT	SCREW,HHC,1/4-20 X 1.75	
22	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	
23	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	
24A	128605GT	WELDMENT, EXT. BOOM,Z45 NJ Z-45/25	1
25	50546GT	PIN,1.25DIAX6.36LG,2RING	1
26	50552GT	WEAR PAD,EXTENSION BOOM	1
27	128995GT	FORMING, HOSE CLAMP RETAINER	3
28	128601GT	CLAMP, PRI, HOSE/CABLE, Z45/51	3
29	79456GT	BOLT,CARRIAGE,1/4-20 X 1.00,G2	3
30	77376GT	SPACER,NYLON,2.00 X 1.33 X.310	1
31	77375GT	SPACER,NYLON,2.01 X 1.28 X.135	1

505.1 Cable Track, Z-45/25J



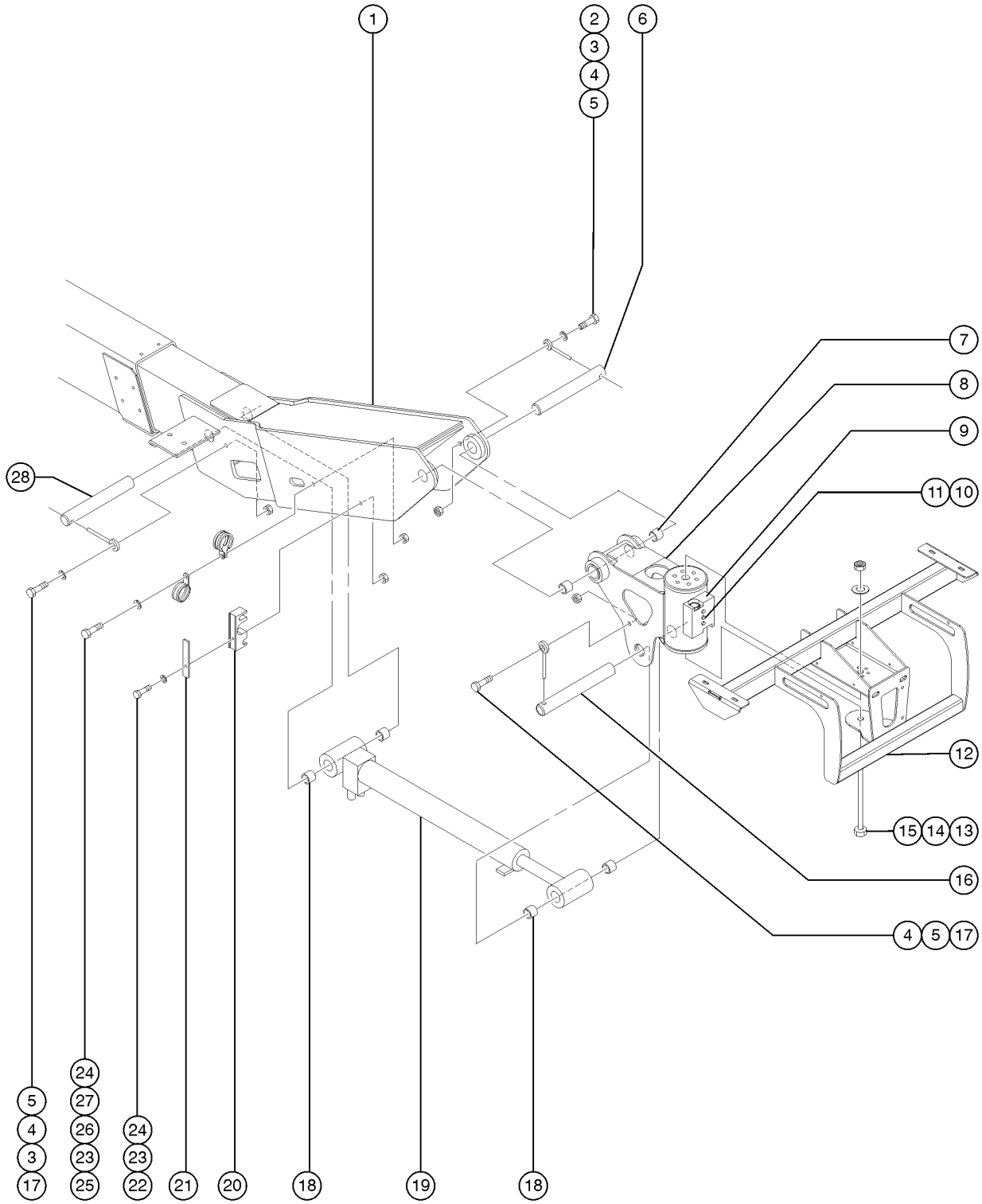
Item	Part No.	Description	Qty.
1		Ref. Primary and Extension Booms (refer to 504.1)	
2	36294GT	SCREW,HHC,1/4-20 X 2.75	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	6091GT	NUT,NYLOCK,1/4-20	
5	128862GT	BACKING PLATE, PULLTUBE	1
6	128310GT	CLAMP, JIB HOSE/CABLE, Z45/51	1
7	128311GT	CLAMP, JIB HOSE/CABLE, Z45/51	1
8	6888GT	SCREW, HHC, 1/4-20 X 1	
9	6878GT	BOLT,CARRIAGE,1/4-20 X .75,G2	
10	14297GT	SCREW,BHHS,1/4-20 X .75	
11	54271GT	SPACER,HOSE CLAMP,RUBBER	4
12	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	
13			
14A	128308GT	COVER,CABLETRACK TRAY,Z40/45 Z-45/25J	1
15B	139781GT	WELDMENT, CABLETRACK TRAY Z-45/25J	1
16B	139702GT	CABLE TRACK, NP400, 23 LINK Z-45/25J	1
16B-	111051GT	REPAIR LINK,7 LINKS NP400-7*** for 139702	
16B-	111052GT	REPAIR LINK,NP400-7*** for 139702	
16B-	111053GT	REPAIR END BRKT SET,NP400-7*** for 139702	
17A	128309GT	TUBE, CABLETRACK ARM, Z40/45 Z-45/25J	1
18	14297GT	SCREW,BHHS,1/4-20 X .75	

505.2 Cable Track, Z-45/25



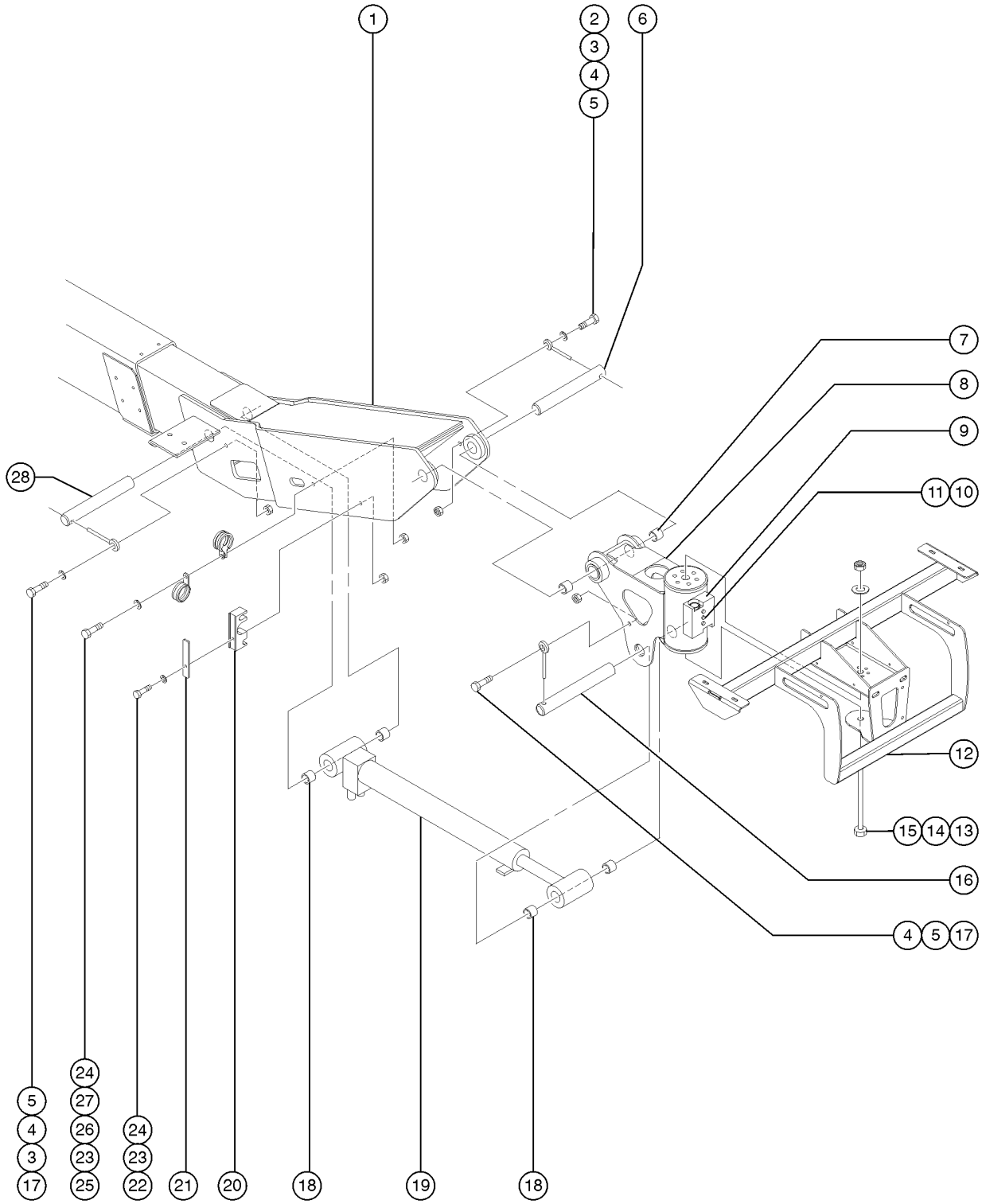
Item	Part No.	Description	Qty.
1		Ref. Primary and Extension Booms (refer to 504.1)	
2	36294GT	SCREW,HHC,1/4-20 X 2.75	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	6091GT	NUT,NYLOCK,1/4-20	
5	128862GT	BACKING PLATE, PULLTUBE	1
6	128310GT	CLAMP, JIB HOSE/CABLE, Z45/51	1
7	128311GT	CLAMP, JIB HOSE/CABLE, Z45/51	1
8	6888GT	SCREW, HHC, 1/4-20 X 1	
9	6878GT	BOLT,CARRIAGE,1/4-20 X .75,G2	
10	14297GT	SCREW,BHHS,1/4-20 X .75	
11	54271GT	SPACER,HOSE CLAMP,RUBBER	4
12	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	
13			
14B	128596GT	COVER, CABLETRACK TRAY, Z51 Z-45/25	1
15A	139779GT	WELDMENT, CABLETRACK TRAY Z-45/25	1
16A	139701GT	CABLE TRACK, NP400, 31 LINK Z-45/25	1
16A-	111051GT	REPAIR LINK,7 LINKS NP400-7*** for 139701	
16A-	111052GT	REPAIR LINK,NP400-7*** for 139701	
16A-	111053GT	REPAIR END BRKT SET,NP400-7*** for 139701	
17B	128597GT	TUBE, CABLETRACK ARM, Z51 Z-45/25	
18	14297GT	SCREW,BHHS,1/4-20 X .75	

506.1 Non-Jib Platform Leveling and Rotation (Z-45/25)



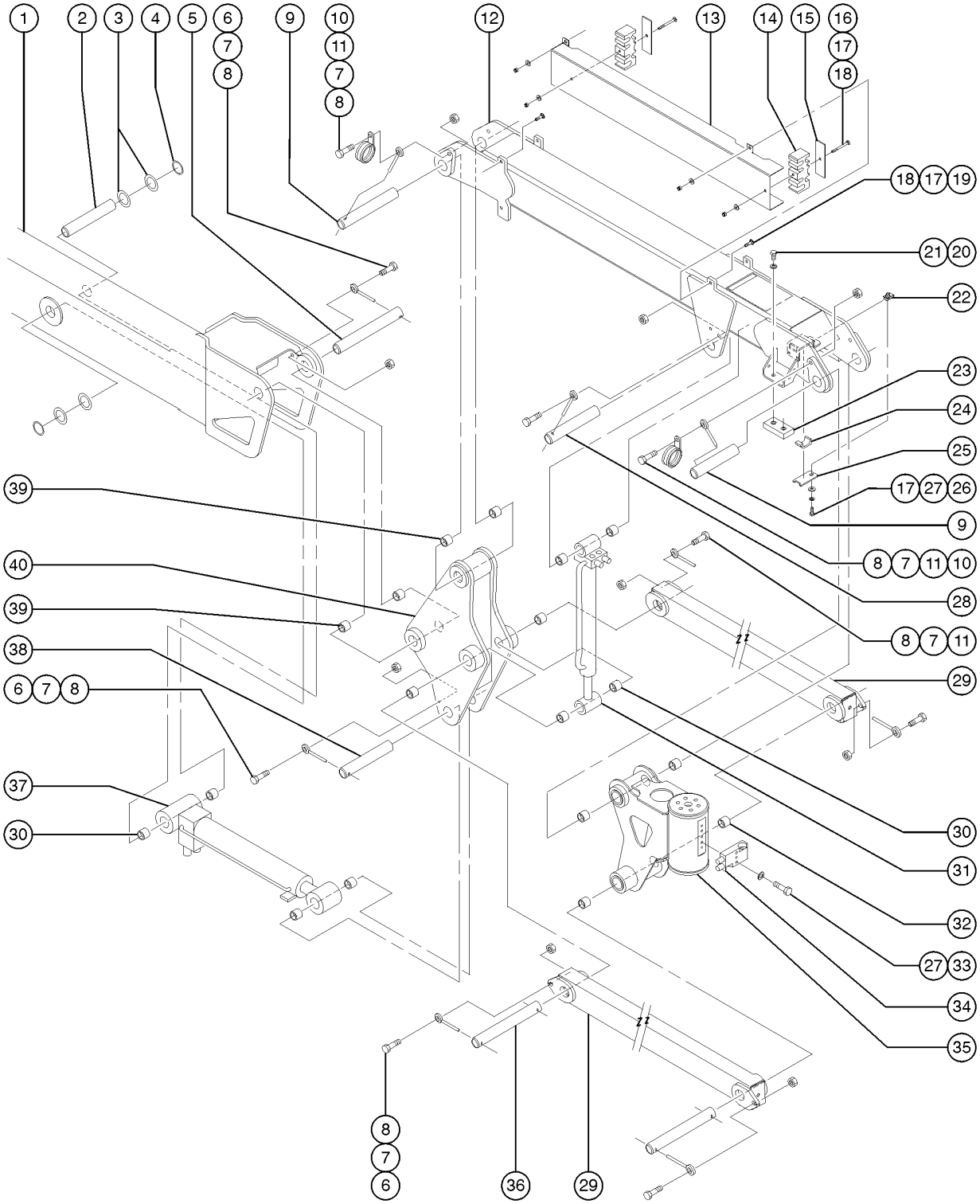
Item	Part No.	Description	Qty.
-	150103GT	WIRE LOOM,1.25"NYLON,HIGH TEMP	103 inches
1		Ref. Primary Extension Boom (refer to 504.1)	
2	8516GT	SCREW, HCC, 3/8-16 X 1.50	
3	5397GT	WASHER, FLAT, USS, 5/16-18	
4	825019GT	ROD END, .375X3.69, ZAG	1
5	4828GT	NUT, NYLOCK, 3/8-16	
6	50543GT	PIN,1.25DIAX8.88LG,1HOLE	1
7	30222GT	BEARING,FL,1.25IDX1.41ODX1.50L	2
8	233716GT	ROTATOR,PLAT,Z45 non-jib units	1
8-	233745GT	SEAL AND BRG KIT, 4.5K ROTATOR for 233716	
8-	147369GT	SEAL AND BRG KIT,4.5K ROTATOR* for 94402	
9		Ref. Counterbalance Manifold (refer to 704.1)	
10	6145GT	SCREW, HHC, 1/4-20 X 1.5	
11	6356GT	WASHER, LOCK, .25	
12	54520-SGT	WELDMNT,PLATFRM SUPPORT,NJIB**	1
13	56925GT	SCREW,HHC,3/4-10 X 9.5 GR 8 YE	1
14	33278GT	WASHER, FLAT, .75 HARDENED	1
15	77051GT	NUT,NYLOCK,3/4-10,GRD.8	1
16	T108075GT	PIN,1.25DIAX5.25LG,1HOLE	1
17	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
18	25683GT	BEARING,POLYGON,20DU12	4
19	77363GT	CYLINDER,LEVELING,BELLCRANK,Z-45	1
19-	77364GT	SEAL KIT, LEVELING CYLINDER for 77363	
19-	54065GT	VALVE,COUNTERBALANCE,3500*** for 77363	
19-	43018GT	SEAL KIT (39345) for 54065	
20	139687GT	CLAMP, #4 HOSE, AIR AND LOOM	1
21	139688GT	BRACKET, HOSE CLAMP SUPPORT	

506.1 Non-Jib Platform Leveling and Rotation (Z-45/25)



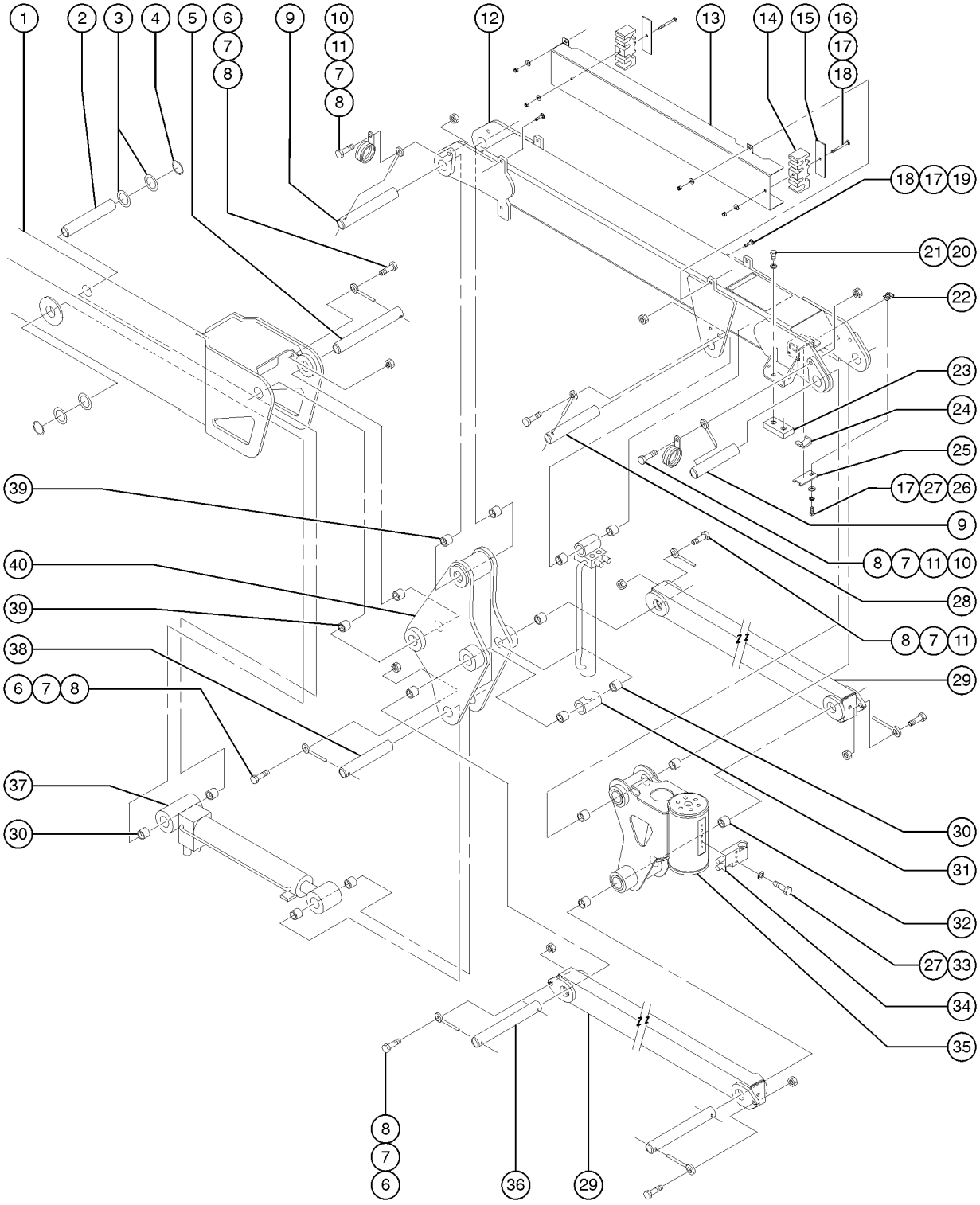
Item	Part No.	Description	Qty.
22	36294GT	SCREW,HHC,1/4-20 X 2.75	
23	6638GT	WASHER, FLAT, USS, 1/4"Y	
24	6091GT	NUT,NYLOCK,1/4-20	
25	6888GT	SCREW, HHC, 1/4-20 X 1	
26	21619GT	CLAMP,1.50,#24 X 1/4,RUB CUSH	
27	21618GT	CLAMP,1.13,#18 X 1/4,RUB CUSH	
28	T107884GT	PIN,1.25DIAX7.00LG,1HOLE	1

507.1 Jib Boom and Platform Leveling (Z-42/25J)



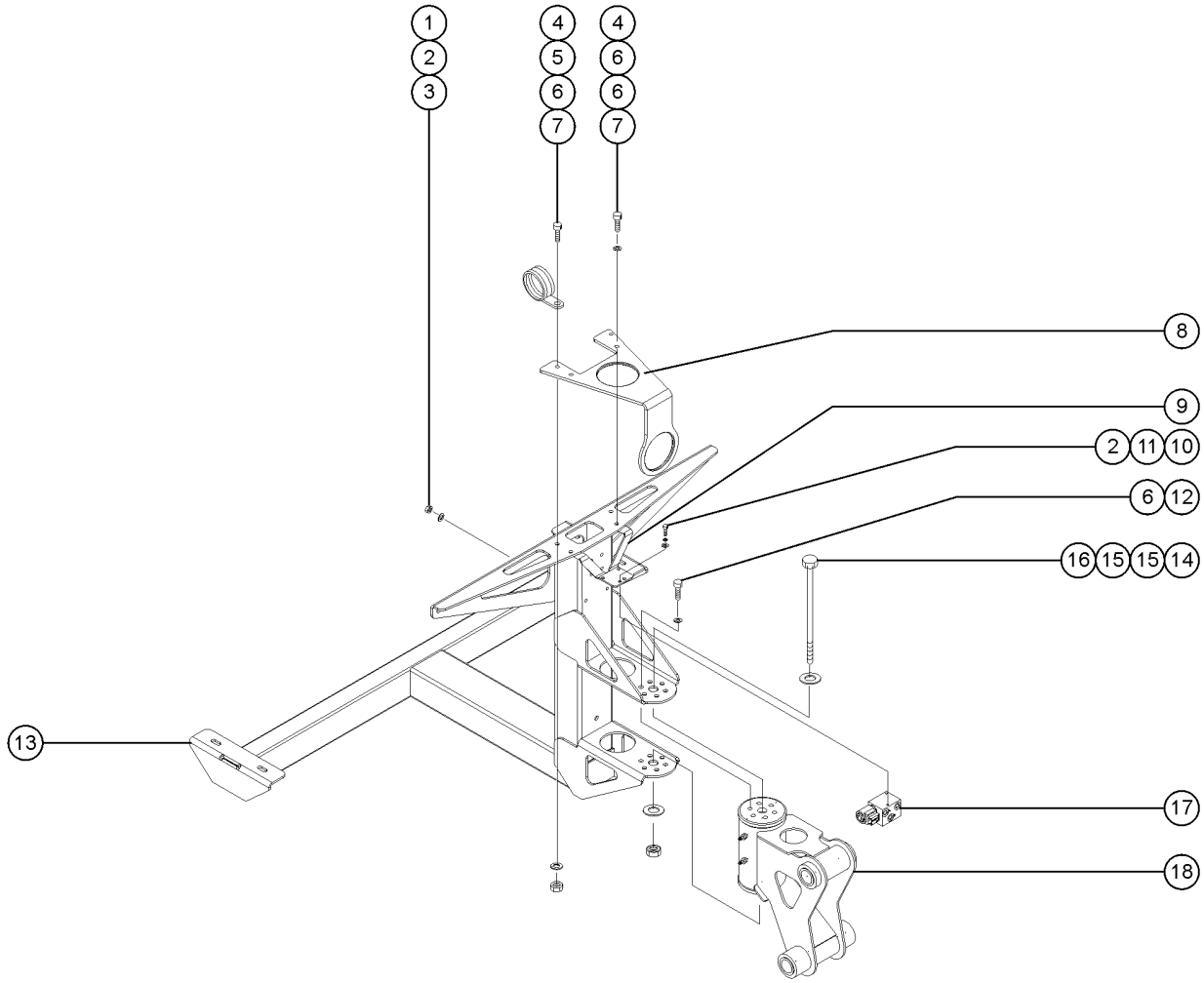
Item	Part No.	Description	Qty.
-	150103GT	WIRE LOOM,1.25"NYLON,HIGH TEMP	103 inches
1		Ref. Primary and Extension Booms (refer to 504.1)	
2	50546GT	PIN,1.25DIAX6.36LG,2RING	1
3	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	
4	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	
5	50543GT	PIN,1.25DIAX8.88LG,1HOLE	1
6	8516GT	SCREW, HCC, 3/8-16 X 1.50	
7	825019GT	ROD END, .375X3.69, ZAG	
8	4828GT	NUT, NYLOCK, 3/8-16	
9	T107883GT	PIN,1.25DIAX7.88LG,1HOLE	2
10	5224GT	SCREW,HHC,3/8-16 X 2	
11	77181GT	CLAMP,1.63,#26 X 3/8,RUB CUSH	2
12	128534GT	JIB BOOM ASSY W/WORD DECAL	1
13	128454PGT	COVER, JIB HOSES/CABLES	1
14	128510GT	CLAMP,JIB HOSE/CABLE,Z45/51	2
14-	128511GT	CLAMP,JIB HOSE/CABLE,ARCTIC (arctic option)	
15	128483GT	BACKING PLATE, HOSE BLOCK, JIB	2
16	128724GT	BOLT,CARRIAGE,1/4-20 X 2.75,G2	
17	6638GT	WASHER, FLAT, USS, 1/4"Y	
18	6091GT	NUT,NYLOCK,1/4-20	
19	79456GT	BOLT,CARRIAGE,1/4-20 X 1.00,G2	
20	8255GT	SCREW,HHC,3/8-16 X .75	
21	6021GT	WASHER, LOCK, .375	
22	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
23	81640GT	WEAR PAD,3 X 1.5 X.625 W/NUTS	1
24	119542GT	CLAMP,TWO HOSE	1
24-	119994GT	CLAMP,TWO HOSE,ARCTIC (arctic option)	

507.1 Jib Boom and Platform Leveling (Z-42/25J)

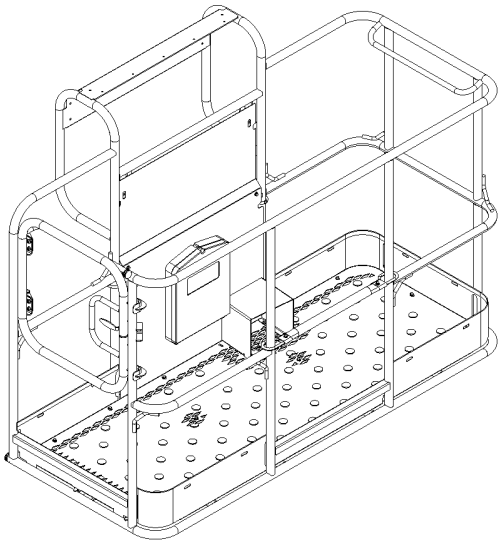


Item	Part No.	Description	Qty.
25	119536PGT	BRACKET,HOSE CLAMP,PAINTED	1
26	6888GT	SCREW, HHC, 1/4-20 X 1	
27	6356GT	WASHER, LOCK, .25	
28	T107884GT	PIN,1.25DIAX7.00LG,1HOLE	1
29	61306-SGT	COMPR.LINK,MACHINED,GND CONTR*	2
30	25683GT	BEARING,POLYGON,20DU12	4
31	54994GT	CYLINDER,JIB,Z45,#4 PORTS***	1
31-	65789GT	SEAL KIT (54994) for 54994	
31-	50480GT	VALVE,COUNTERBALANCE,3800 PSI* for 54994	
31-	43018GT	SEAL KIT (39345) for 50480 and 54065	
32	30222GT	BEARING,FL,1.25IDX1.41ODX1.50L	
33	6145GT	SCREW, HHC, 1/4-20 X 1.5	4
34		Ref. Counterbalance Manifold (refer to 703.1)	
35		Ref. Platform Rotator (refer to 508.1)	1
36	81175GT	PIN,1.25DIAX14.45LG,2HOLE	2
37	77363GT	CYLINDER,LEVELING,BELLCRANK,Z-45	1
37-	77364GT	SEAL KIT, LEVELING CYLINDER for 77363	
37-	54065GT	VALVE,COUNTERBALANCE,3500*** for 77363	
37-	43018GT	SEAL KIT (39345) for 50480 and 54065	
38	T108075GT	PIN,1.25DIAX5.25LG,1HOLE	1
39	35675GT	BEARING,FL,1.25IDX1.5ODX1.25L	6
40	50466-SGT	BELLCRANK,JIB,WELD/Z45/25***	1

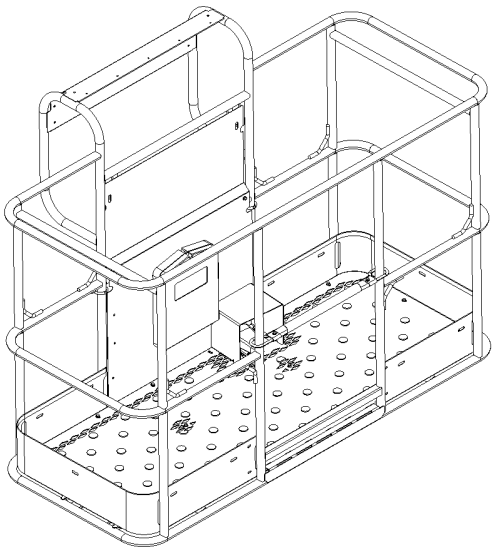
508.1 Platform Rotation and Support (Z-45/25J)



Item	Part No.	Description	Qty.
1	6091GT	NUT,NYLOCK,1/4-20	
2	6638GT	WASHER, FLAT, USS, 1/4"Y	
3	36294GT	SCREW,HHC,1/4-20 X 2.75	
4	13000GT	SCREW,HHC,5/16-18 X 1.25	4
5	77181GT	CLAMP,1.63,#26 X 3/8,RUB CUSH	1
6	5397GT	WASHER, FLAT, USS, 5/16-18	
7	6782GT	NUT, NYLOCK, 5/16-18	
8	106163GT	FORMING,CABLE GUIDE order 55067 grommet separately	1
8-	55067GT	GROMMET,RUBBER 3 X .19 X 3.5	2
9	110671GT	PLATE,JIB,ROTATE MANIFOLD	1
10	6090GT	SCREW, HHC, 1/4-20 X .75	
11	6356GT	WASHER, LOCK, .25	
12	94195GT	SCREW,HHC,3/8-16 X .75,GR 8	6
13	54510-SGT	WELDMENT,PLATFORM SUPPORT	1
14	56925GT	SCREW,HHC,3/4-10 X 9.5 GR 8 YE	1
15	33278GT	WASHER, FLAT, .75 HARDENED	
16	77051GT	NUT,NYLOCK,3/4-10,GRD.8	1
17		Ref. Jib Manifold (refer to 704.1)	
18	233715GT	ROTATOR,PLAT,Z45J/Z51J	
18-	233745GT	SEAL AND BRG KIT, 4.5K ROTATOR for 233715	
18-	30222GT	BEARING,FL,1.25IDX1.41ODX1.50L for 233715	
18-	88516GT	SCREW,BLEEDER,M5X0.8 for 233715	



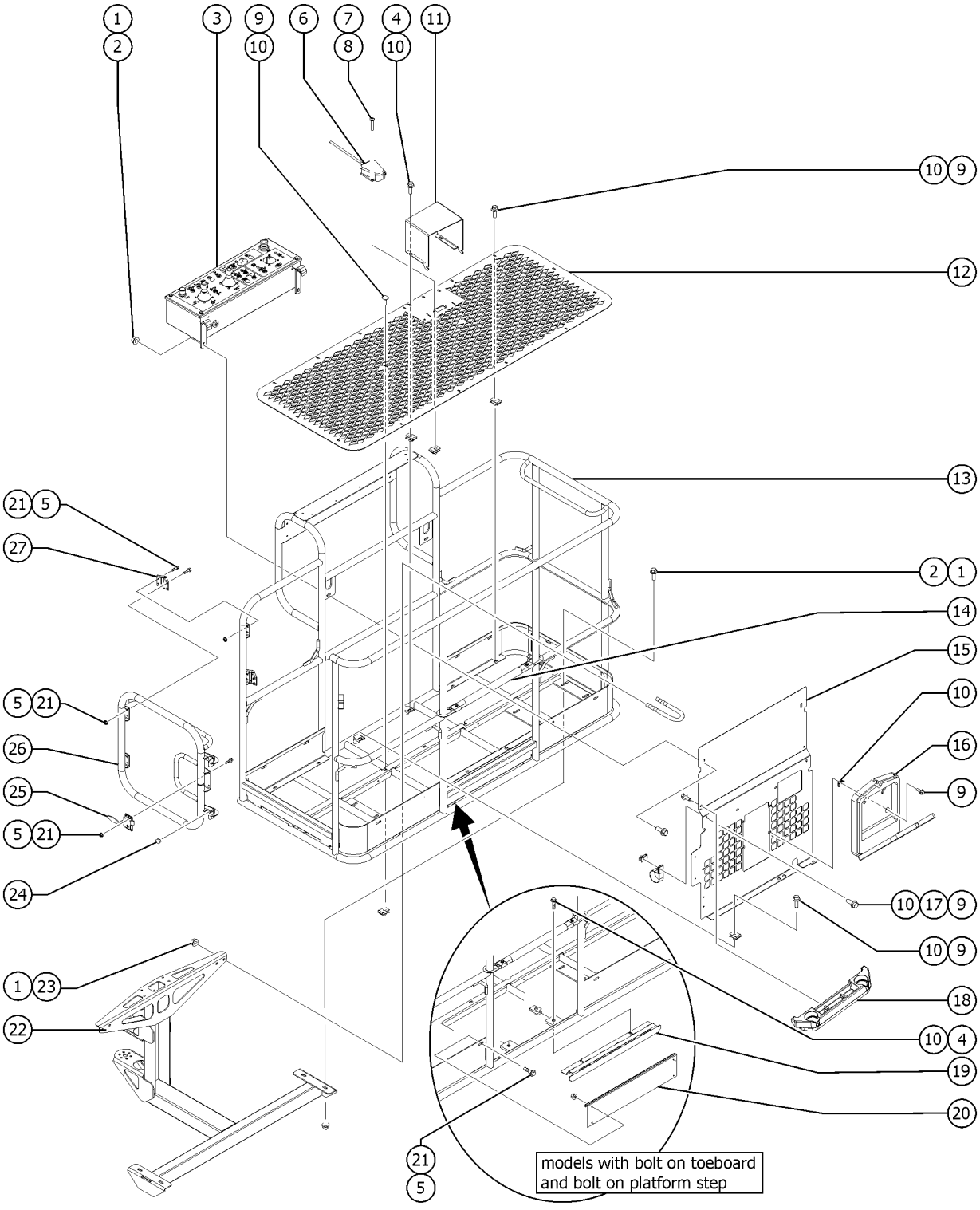
(1) Side Swing Gate Platform



(2) Front Single Entry Platform

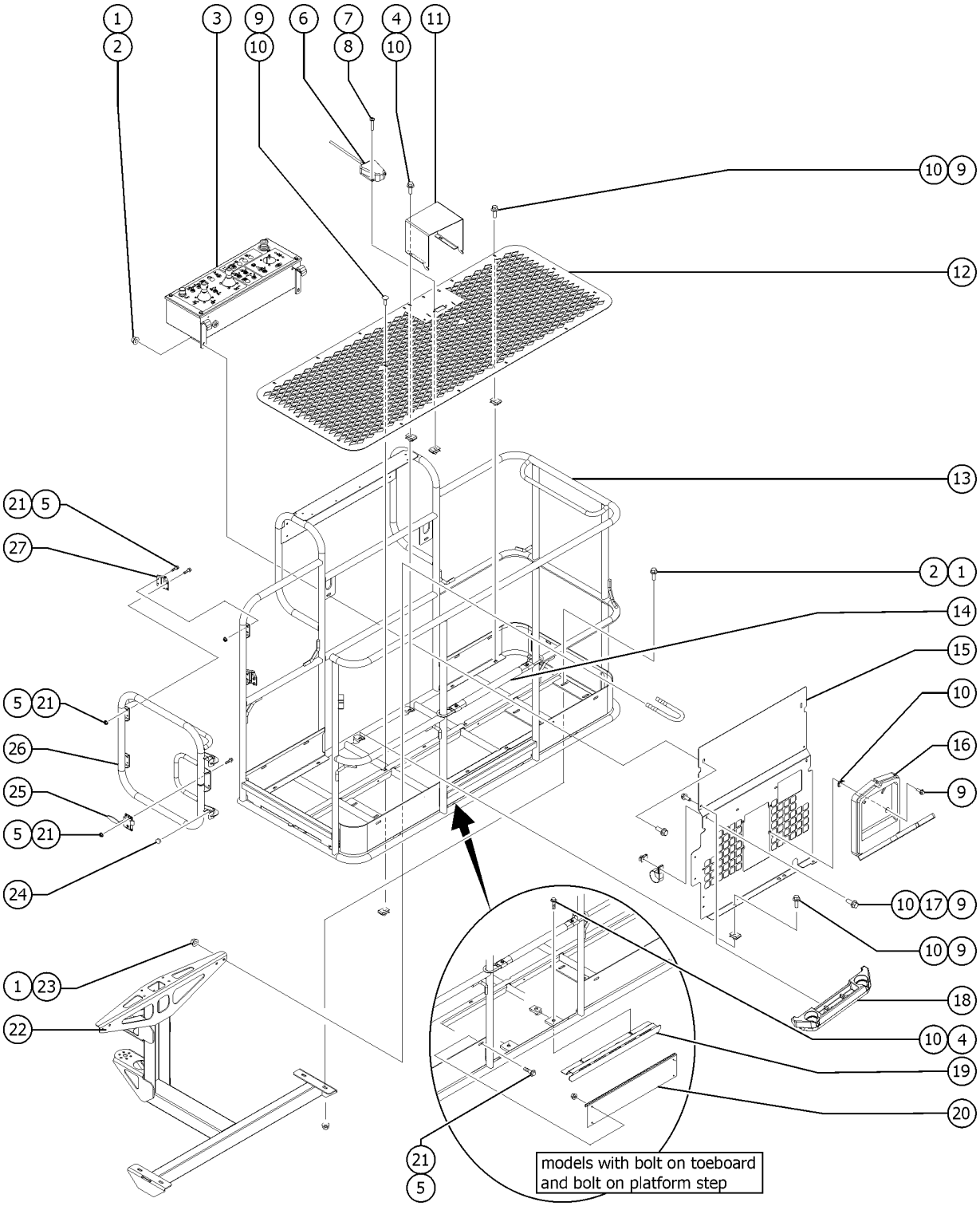
Item	*Part No.*	*Description*	*Qty.*
-		Complete Platform Assemblies with Decals	
A	1279140GT	PLAT ASSY,6' W/SIDE GATE,Z45IC/Z51 ANSI WORD USA and Canadian models	
B	1279141GT	PLAT ASSY,6’ W/SIDE GATE,Z45/51 AUS Australian models	
C	1279142GT	PLAT ASSY,6’ W/SIDE GATE,Z45/51 CE European models	
D	1279143GT	PLAT ASSY,6' W/SIDE GATE,Z45/51 ANSI SYM Asia/South America models	
-		Complete Platform Assemblies and Platform Weldments without Decals (refer to section 100 for decals)	
1	1272303GT	ASSY,6FT PLAT DUAL LG,BLANK	
2A	161541GT	ASSY,4FT PLATFORM, NO DECALS Single entry	
2B	161542GT	ASSY,5FT PLATFORM, NO DECALS Single entry	
2C	160809GT	ASSY,6FT PLATFORM,NO DECALS Single entry	
-	73900GT	WELDMNT,6 FT PLATFORM flooring and decal plate not included	

602.1 Platform Components



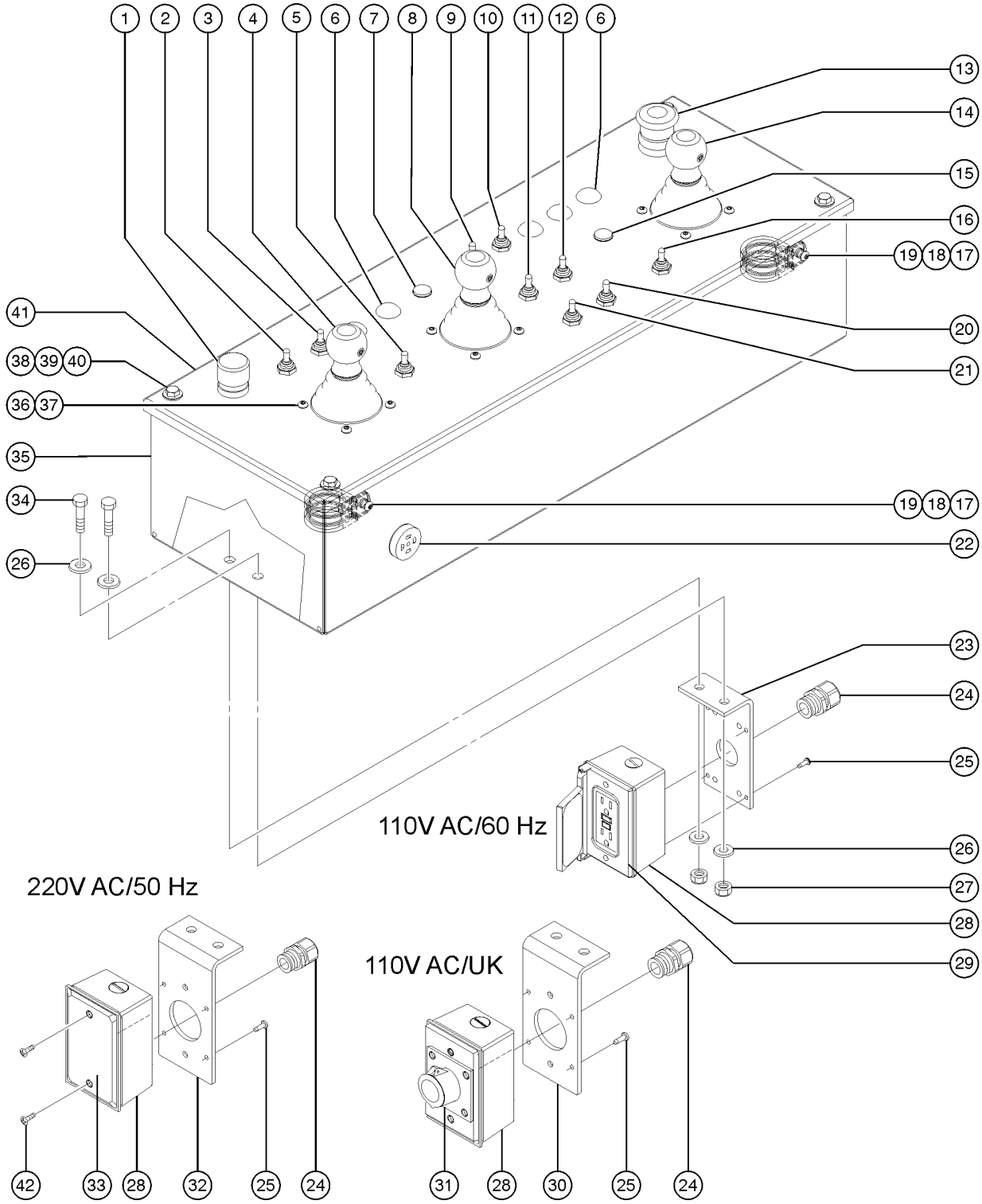
Item	Part No.	Description	Qty.
1	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	
2	824090GT	SCREW,HHF,3/8-16X1,8,ZAG	
3		Ref. Platform Control Box (refer to 603.1 and 604.1)	
4	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	
5	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	
6	73233GT	ASSEMBLY,FOOT SWITCH*** (to SN Z4512A-41836, to SN Z4512B-2061)	1
-	119058GT	CONN, PLUG, 4 WAY, DEUTSCH, DT, ENDCAP (for PN 73233)	
-	20262GT	MICROSWITCH,13482 FOOTSWITCH (for PN 73233)	
-	43960GT	WIRE CABLE,16/4 CON.TPE JKT (for PN 73233)	66 inches
-	73739GT	BOOT,PLUG 4 WAY (for PN 73233)	
7	1256460GT	SCREW,PHPM,10-24X1,ZAG	2
8	73575GT	SPRING CLIP,10-24,.025-.125X.468,ZAG	2
9	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	
10	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
11	147121GT	COVER, FOOT SWITCH, LARGE	1
12A	1267746GT	FLOORING, 72X30 PLATFORM	1
12B	73477PGT	FLOORING, 6'FT PLATFORM (for single entry)	1
12C	54247PGT	FLOORING,5 FT PLATFORM,PAINTED	1
12D	60160PGT	FLOORING,4 FT PLATFORM,PAINTED	1
13		Ref. Platform Weldment (refer to 601.1)	1
14	102992GT	SLIDING MIDRAIL KIT,PTD (includes fasteners)	1
15A	1275088GT	FORMING, ALUM. DECAL PLATE	1
15B	89337GT	PLATFORM ASSY 8FT W/DECALS ANS (Painted, Steel)	1
16	24514GT	BOX, INSTRUCTION STORAGE** (decals not included, refer to section 100)	1
17	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	2
18	1289552GT	KIT, PLATFORM WORK TRAY	1
19	73610PGT	STEP PLATFORM ENTRY PAINTED***	1

602.1 Platform Components



Item	*Part No.*	*Description*	*Qty.*
20	94745GT	TOEBOARD,ENTRY EUROPEAN PNTD**	1
21	1256855GT	SCREW,HHF,1/4-20X.625,8,ZAG	
22A		Ref. Platform Support, non-jib (refer to 506.1)	1
22B		Ref. Platform Support, jib (refer to 508.1)	1
23	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	2
24	43392GT	BUMPER,BATTERY BOX & RAILS	2
25	1267747GT	LATCH, SWING GATE	1
26	1272307GT	ASSY,SIDE SWING GATE	1
27	104804GT	HINGE, SPRING, LONG LEG	2

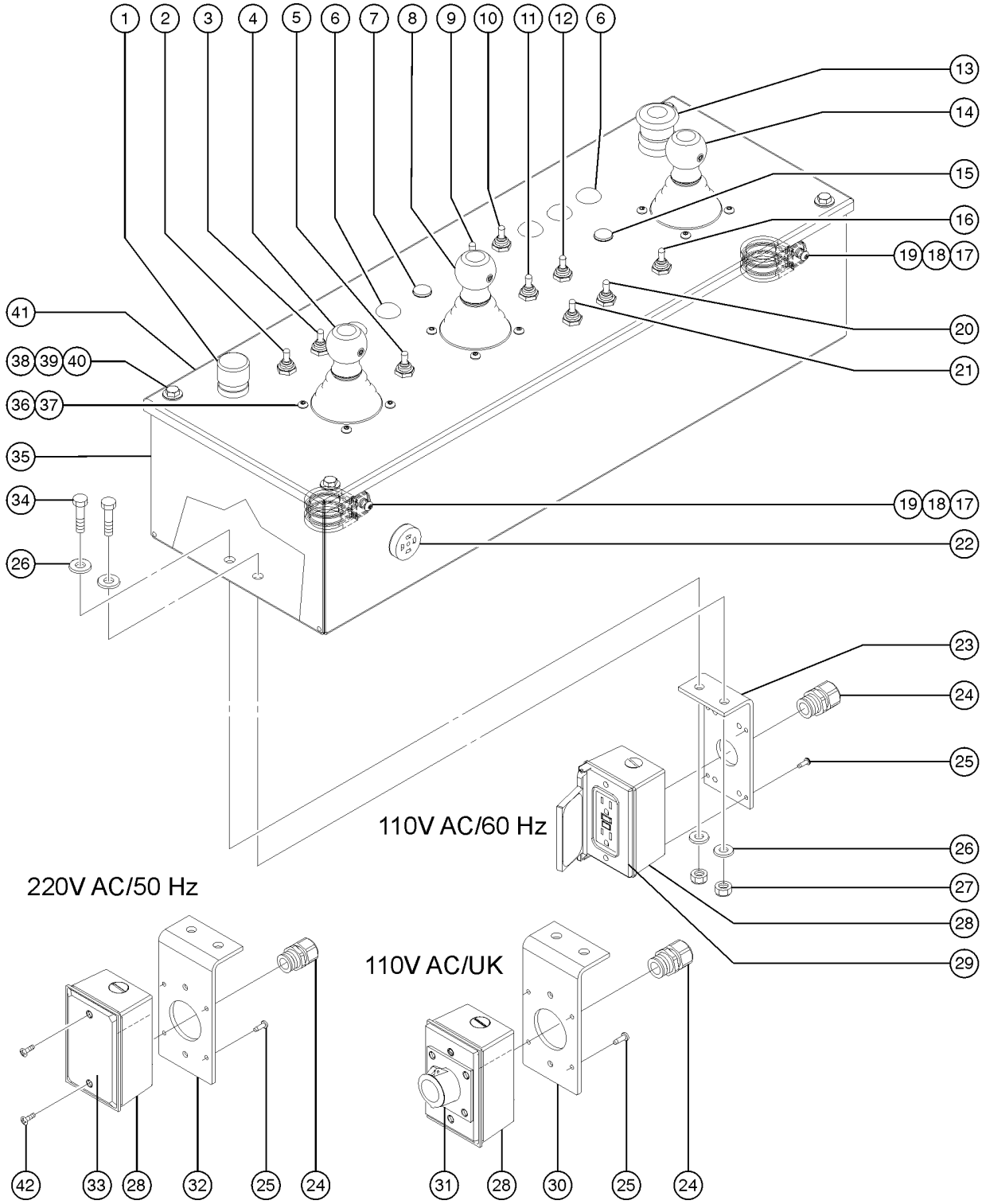
603.1 Platform Control Box, View 1



603.1 Platform Control Box, View 1

Item	Part No.	Description	Qty.
A-		ASSEMBLY,PBOX,Z45 DIESEL Contact customer support with machine serial number. (complete) (includes Assy 218445 and Gasket p/n 81488)	1
B-		ASSEMBLY,PBOX,Z45 GAS Contact customer support with machine serial number. (complete) (includes Assy 218445 and Gasket p/n 81488)	1
C-	218445GT	ASSEMBLY,PLATFORM CONTROL BOX for 218446 and 218447	1
D-	81488GT	GASKET,PLATFORM CONTROL BOX for 218446 and 218447	1
1	66813GT	BUTTON,PUSH,BLACK W/SEAL***	1
1-	66816GT	CONTACT,N.O.***	
1-	66815GT	BASE, W/1 N.O. CONTACTS*** includes 1 N.O. contact	
2	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Platform Level; includes boot and hardware	1
3	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Platform Rotate; includes boot and hardware (refer to item 1 for lower-level components)	1
4		Ref. Joystick Controller, Multi-Axis (standard) (refer to 604.1)	
5	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Primary Boom Ext/Ret; includes boot and hardware (refer to item 1 for lower-level components)	
6	229567GT	PLUG,SANTOPRENE .5 BLACK DOME	5
7	824879GT	LIGHT,LED IND. RED 12V NH	1
8		Ref. Joystick Controller, Single Axis (refer to 604.1)	
9	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT Emergency Lowering; includes boot and hardware (refer to item 1 for lower-level components)	1
10	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT Drive Speed; includes boot and hardware (refer to item 1 for lower-level components)	1
11	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT Engine Start; includes boot and hardware (refer to item 1 for lower-level components)	1
12A	128203GT	SWITCH TOGGLE ASSY SPDT 2P MOM Glow Plug (Diesel models); includes boot and hardware (refer to item 1 for lower-level components)	1
12B	229567GT	PLUG,SANTOPRENE .5 BLACK DOME Gasoline/LPG models	1
13	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
13-	146478GT	BOOT(BELLOWS),E-STOP,BLACK	
13-	66818GT	CONTACT,NC	
13-	94506GT	BASE,W/3 NC CONTACTS	
14		Ref. Joystick Controller, Multi-Axis (standard) (refer to 604.1)	
15	824879GT	LIGHT,LED IND. RED 12V NH	1
16	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT Drive Enable; includes boot and hardware (refer to item 1 for lower-level components)	1
17	54365GT	SCREW,PHIL,PHM,10-32 X .5,SSTL	

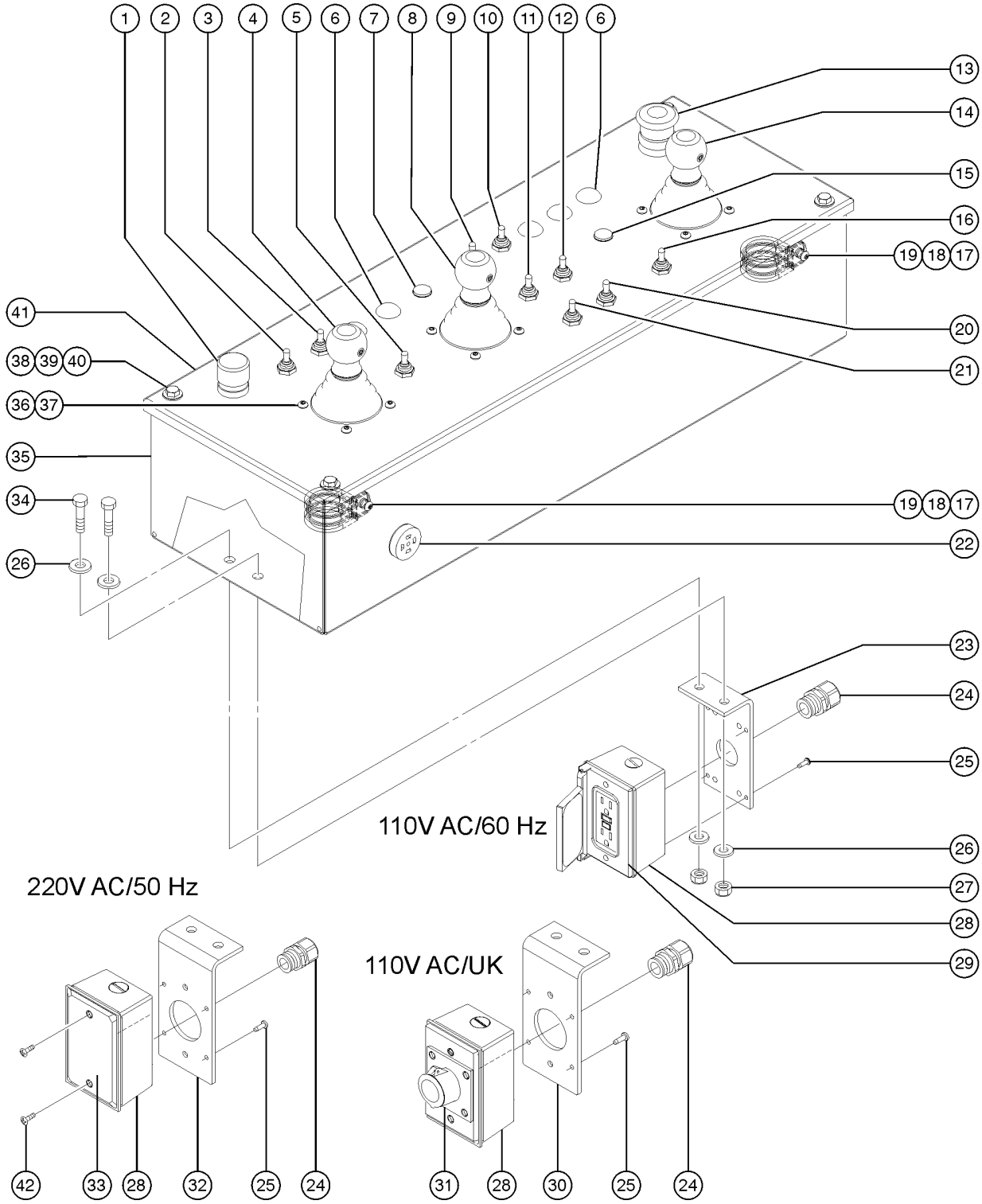
603.1 Platform Control Box, View 1



603.1 Platform Control Box, View 1

Item	Part No.	Description	Qty.
18	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH	3
19	6178GT	NUT, NYLOCK, 10-32	
20	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT Engine idle (rpm) select switch; includes boot and hardware (refer to item 1 for lower-level components)	1
21A	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT Fuel Select (Gasoline/LPG models); includes boot and hardware (refer to item 1 for lower-level components)	1
21B	229567GT	PLUG,SANTOPRENE .5 BLACK DOME Diesel models	
22	45383GT	ALARM,WARBLE TONE 5-30 VDC*** Does not include 72326 nut	1
22-	72326GT	NUT - PLASTIC, RING FOR ALARMS	
23	81096GT	BRACKET,POWER TO PLAT, DOM	1
24	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	2
24-	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	
25	57075GT	SCREW, PHIL, 8-32 X .50, SELF TAP	
25-	35461GT	WASHER,FLAT,MS,#8,Y	
26	5397GT	WASHER, FLAT, USS, 5/16-18	
27	4828GT	NUT, NYLOCK, 3/8-16	
28	10775GT	T-BOX, 2.75 X 4.5 X 2.0**	1
29	74006GT	COVER,GFCI,HORIZONTAL,WEATHER	
29-	13585GT	OUTLET, 110V USA/Canada	
29-	80543GT	RECEPTACLE, 120VAC, 20A, GFCI USA/Canada	
30	81570GT	BRACKET,POWER TO PLAT, UK	1
31	T112563GT	SVC KIT,UK RECEPT.REPLACEMENT Europe	1
31-	33629GT	PLATE,UK POWER TO PLATFORM	
31-	33724GT	KIT,GASKET,UK POWER TO PLAT	
31-	57075GT	SCREW, PHIL, 8-32 X .50, SELF TAP	4
31-	63375GT	SCREW, FHM, 6-32 X .75	2
31-	74052GT	GASKET,COVER,GFCI,WEATHERPROOF	
32	81096GT	BRACKET,POWER TO PLAT, DOM	
33	10777GT	COVER,BLANK	1

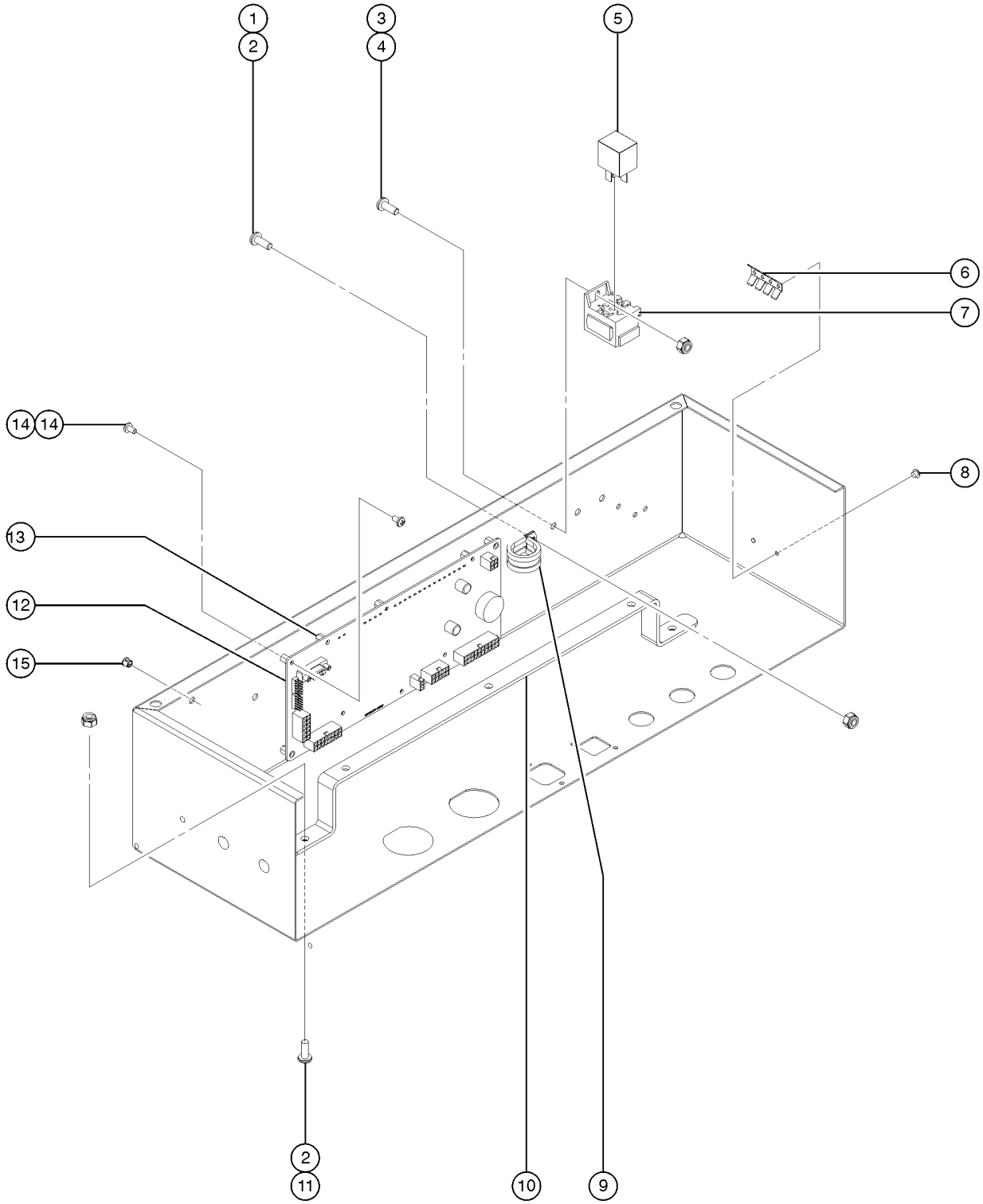
603.1 Platform Control Box, View 1



603.1 Platform Control Box, View 1

Item	Part No.	Description	Qty.
33-	81458GT	GASKET, UK POWER TO PLAT	
34	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
35	216786GT	WELDMENT, PLATFORM CONTROL BOX	1
36	139338GT	SCREW PH M5-0.8X20 DIN 7500CE	
37	104030GT	NUT HEX M5-0.8 CLASS 8 ZINC	
38	6090GT	SCREW, HHC, 1/4-20 X .75	
39	6638GT	WASHER, FLAT, USS, 1/4"Y	
40	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD	4
41	139974GT	LID,PLATFORM CONTROL BOX	1
42	49820GT	SCREW,PHILLIPS,PHM,6-32 X .5	2

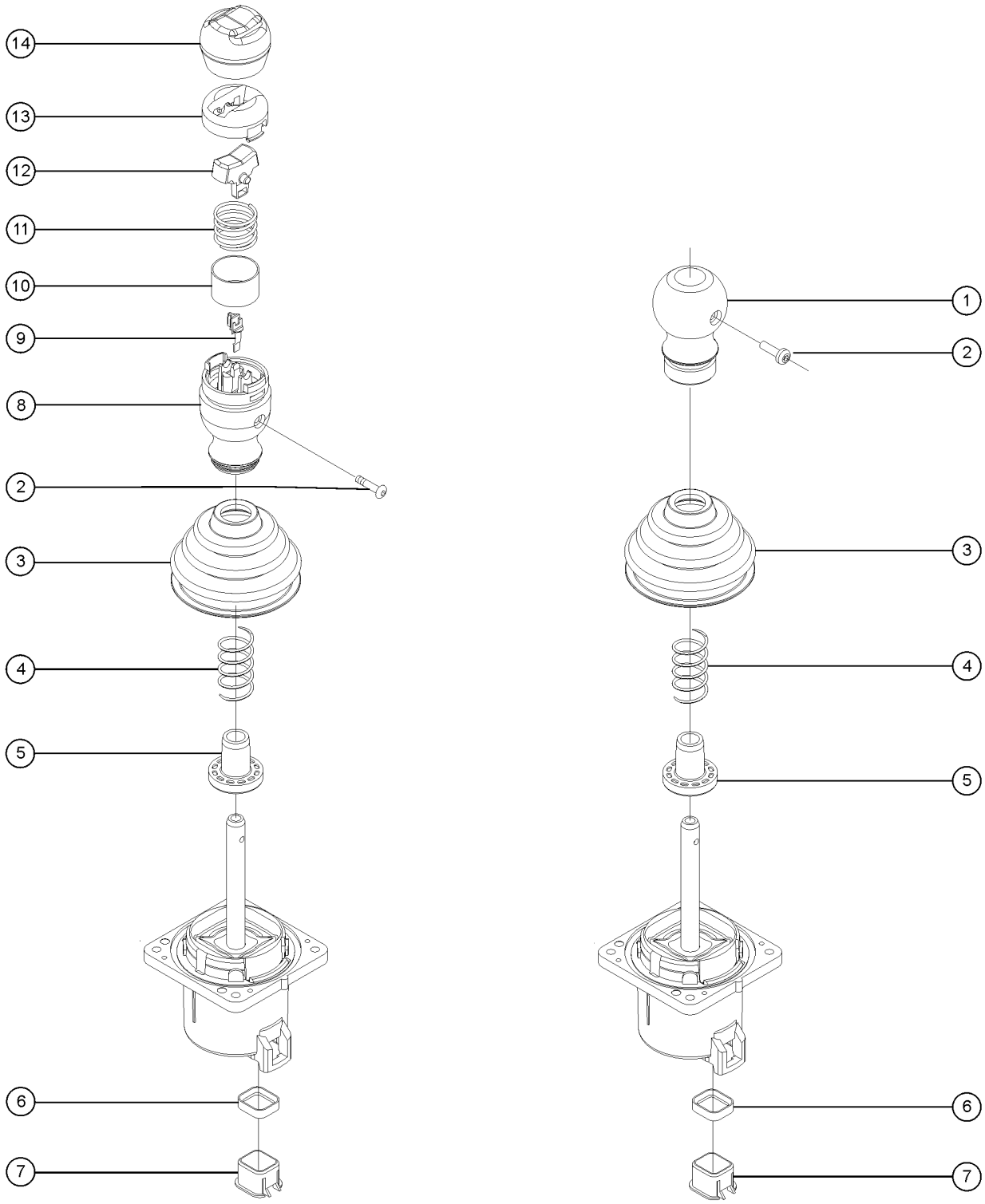
604.1 Platform Control Box, View 2



604.1 Platform Control Box, View 2

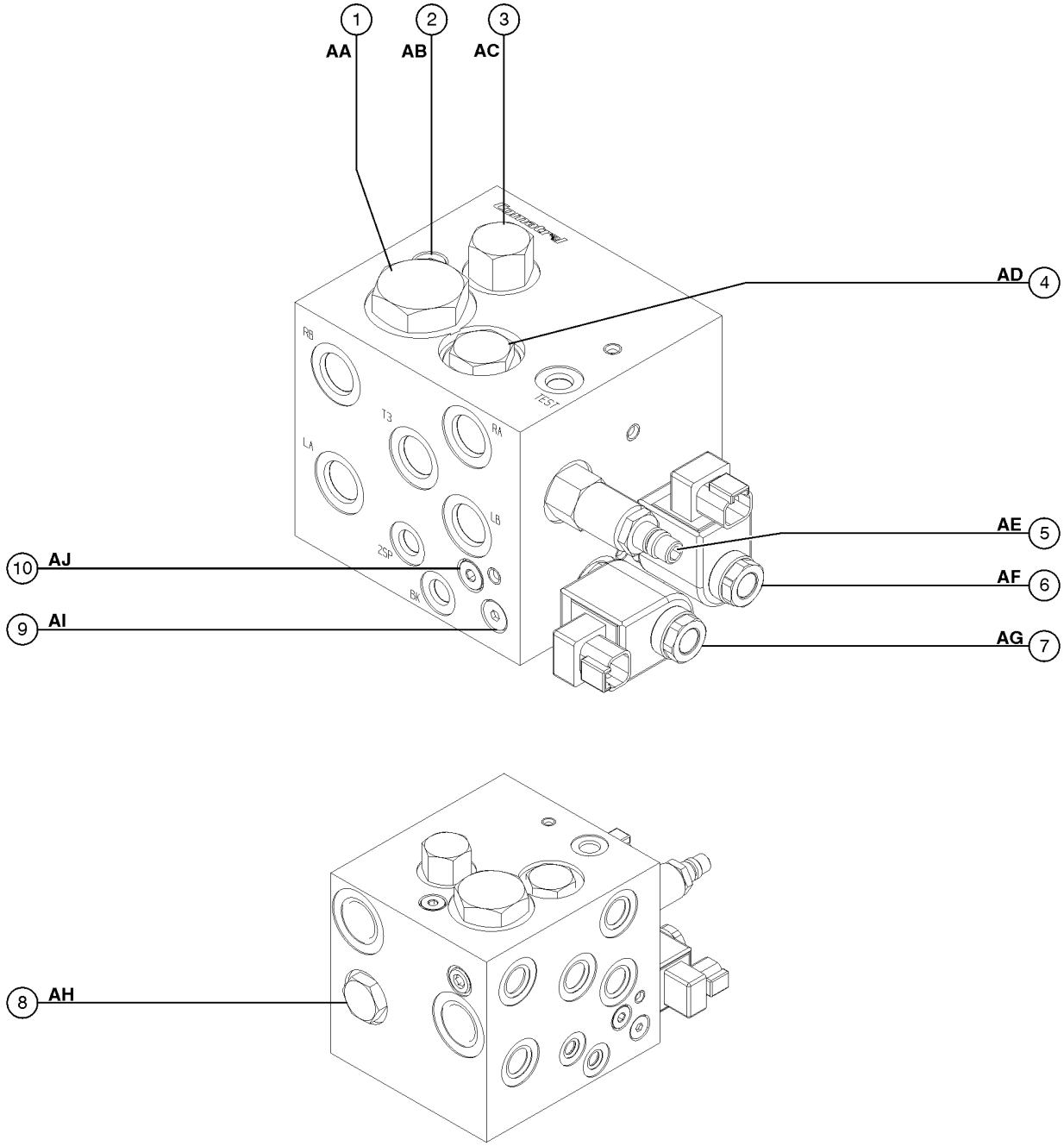
Item	Part No.	Description	Qty.
1	54365GT	SCREW,PHIL,PHM,10-32 X .5,SSTL	
2	6178GT	NUT, NYLOCK, 10-32	
3	49818GT	SCREW,PHILLIPS,PHM,10-32 X .38	
4	14392GT	NUT,LP NYLOCK,10-32	
5	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN**	2
6	56663GT	TERMINAL STRIP	1
7	34053GT	ASSY,RELAY SOCKET, AUTO	2
8	6272GT	RIVET,STL,STL,P,.125 X .25	2
9	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH	3
10	119644GT	BRACKET,PBOX WIRE SUPPORT	1
11	49819GT	SCREW,PHILLIPS,PHM,10-32 X .5	
12	218530GT	ASSY PCB ALC500 Z45/51-2012	1
13	81550GT	STANDOFF,6-32 X 3/8L X 1/4 HEX	10
14	81551GT	SCREW,PHIL,PHM,6-32 X 1/4 SS	
15	30996GT	PLUG,NYLON .313 BLACK DOMED	2

605.1 Joysticks



Item	Part No.	Description	Qty.
A-	101174GT	JOYSTICK,2 AXIS,DEUTSCH OEM joystick (calibration required after replacement)	
B-	101174HGT	JOYSTICK,DUAL AXIS W/KNOB aftermarket joystick (calibration required after replacement)	
C-	101175GT	JOYSTICK,1 AXIS,DEUTSCH OEM joystick (calibration required after replacement)	
D-	101175HGT	JOYSTICK,SINGLE AXIS W/KNOB aftermarket joystick (calibration required after replacement)	
E-	101005GT	JOYSTICK,1 AXIS ROCKER,DEUTSCH OEM joystick (calibration required after replacement)	
F-	101005HGT	JOYSTICK, SINGLE AXIS W/STEER aftermarket joystick (calibration required after replacement)	
G-	83098GT	TERM,AMP MTE,SOC,22-26 GA BULK	
H-	119613GT	HARN JOYSTICK ADAPTOR JS100 6-pin to 7-pin adapter (for 101174, 101175, 101005)	
Z	1269501GT	KIT, ISOLATION, 3 JOYSTICK	
1	62392GT	KNOB,JOYSTICK, 62390/62391	1
2	T112626GT	SCREW, PHM, #6-32 X .625 ZINC	1
3	139598GT	BOOT,JOYSTICK	1
4		SPRING,JOYSTK CENTR,62390/91 no longer available from supplier	1
5	119915GT	COLLAR,JOYSTICK,CENTER	1
6	128000GT	SEAL, CONNECTOR (DT JOYSTICKS)	1
7	128001GT	SLEEVE,CONNECTOR,DT JOYSTICKS	1
8	75449GT	KNOB,ROCKER JOYSTICK 75565	1
9	75448GT	SUPPORT,SENSOR,JOYSTICK	1
10	75447GT	SWITCH SHIELD,ROCK JOYSTK75565	1
11	75446GT	SPRING,SWITCH CENTERING,75565	1
12	75445GT	ROCKER ASSY.,MAGNETIC 75565	1
13	75444GT	ROCKER,RETAINER, 75565	1
14	75443GT	BOOT, ROCKER JOYSTICK 75565	1

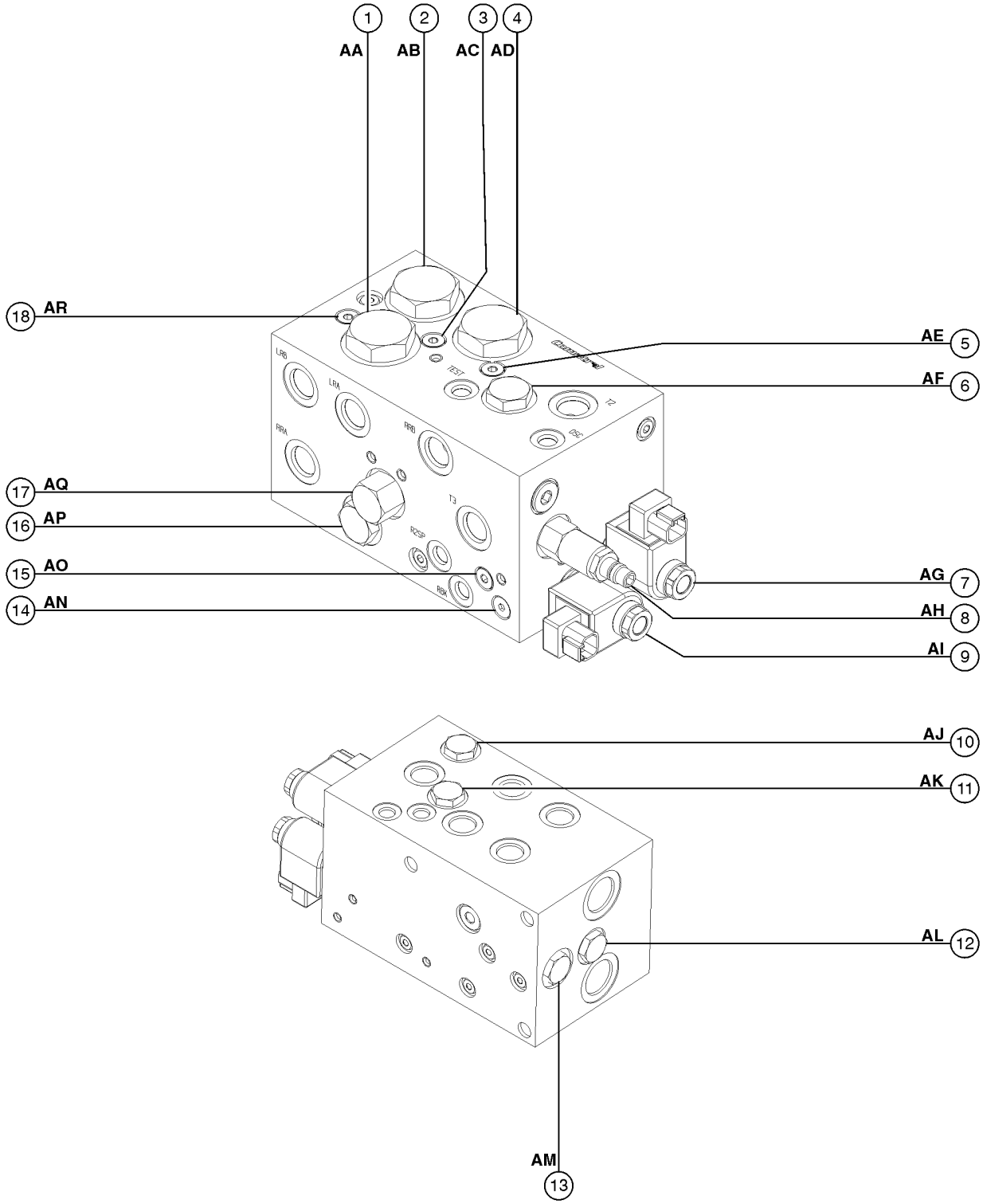
701.1 2WD Traction Manifold



701.1 2WD Traction Manifold

Item	Part No.	Description	Qty.
A-	216168GT	MANIFOLD,TRACTION,2WD Complete	
1	52726GT	VALVE,FLOW DIVIDER/COMBINER AA, Controls flow to drive motors in forward and reverse	1
1-	84135GT	SEAL KIT, VALVE for 52726	1
2	77163GT	PLUG-ORIFICE,0.067 INCH AB, Drive circuit	1
3-	84137GT	SEAL KIT, VALVE 84129 for 218127	
4	27836GT	VALVE,CHECK,5 PSI AD, Drive circuit	1
4-	110194GT	SEAL KIT, VALVE, #10 for 27836	
5	218121GT	RELIEF VALVE, 250 PSI AE, Charge pressure circuit	1
5-	110194GT	SEAL KIT, VALVE, #10 for 218121	
6	161534GT	VALVE, SOLENOID, 2 POS 3 WAY AF, 2-speed motor shift	1
6-	237236GT	SEAL KIT,VALVE for 218125	
6-	237235GT	NUT KIT W/COIL ORINGS for 218125	
6-	122148GT	COIL, SOLENOID VALVE,20W for 218125	
7	161534GT	VALVE, SOLENOID, 2 POS 3 WAY AG, Braking	1
7-	237236GT	SEAL KIT,VALVE for 218125	
7-	237235GT	NUT KIT W/COIL ORINGS for 218125	
7-	122148GT	COIL, SOLENOID VALVE,20W for 218125	
8	27836GT	VALVE,CHECK,5 PSI AH, Drive circuit	1
8-	110194GT	SEAL KIT, VALVE, #10 for 27836	
9	27807GT	VALVE,CHECK*** AI, 2 speed motor shift circuit	1
9-	110200GT	SEAL KIT, VALVE, #4 for 27807	
10	77162GT	PLUG-ORIFICE 0.031 INCH AJ, Brake circuit	1

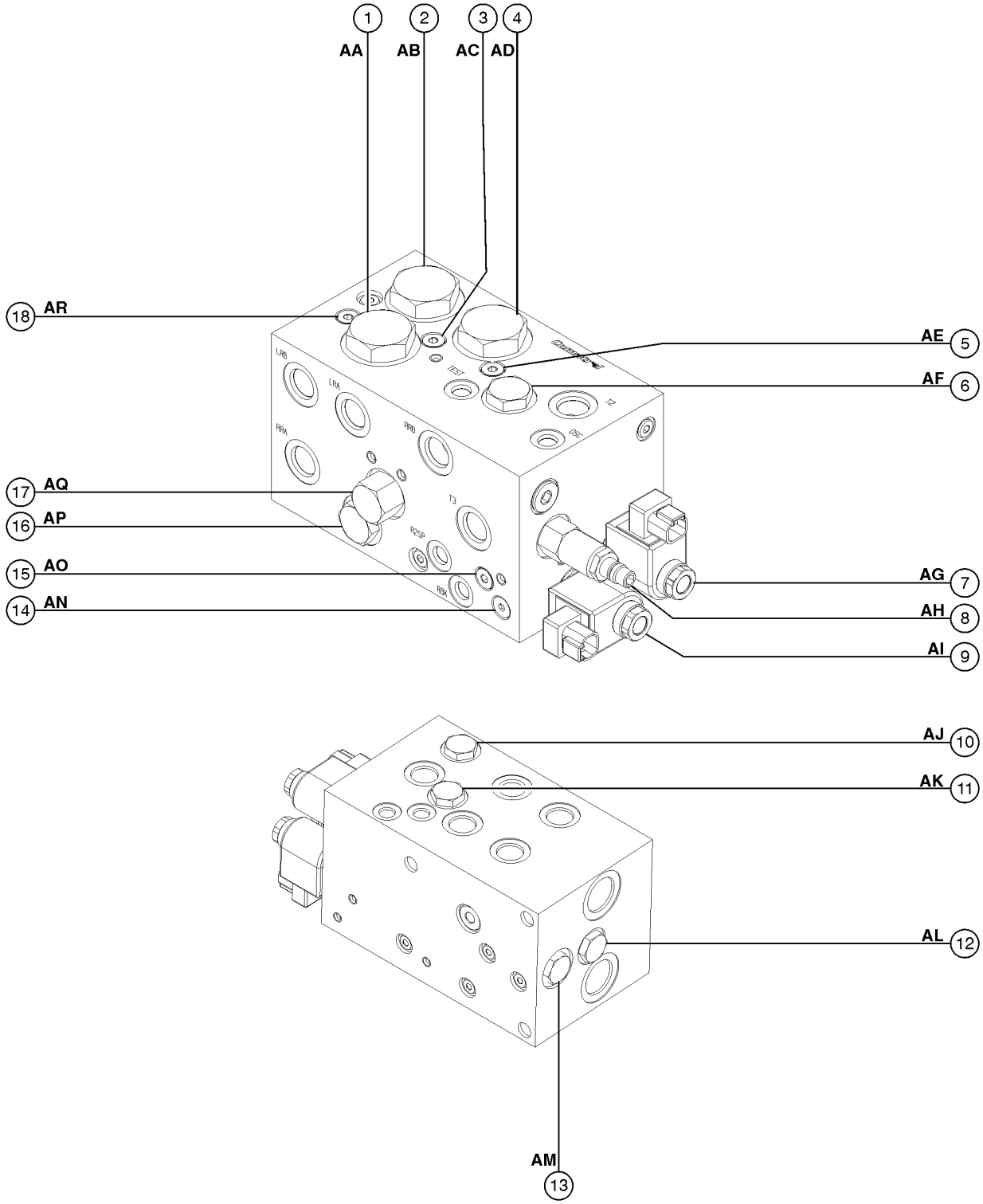
702.1 4WD Traction Manifold



702.1 4WD Traction Manifold

Item	Part No.	Description	Qty.
A-	236278GT	MANIFOLD, TRACTION, 4WD Complete	
1	52726GT	VALVE,FLOW DIVIDER/COMBINER AA, Controls flow to flow divider/combiner valves 2 and 4	1
1-	84135GT	SEAL KIT, VALVE for 52726	
2	62252GT	VALVE, FLOW DIVIDER COMBINER AB, Controls flow to non-steer end drive motors in forward	1
2-	84135GT	SEAL KIT, VALVE for 62252	
3	219425GT	ORIFICE, PLUG, 1.2MM (.047IN) AC, Drive circuit	1
4	62252GT	VALVE, FLOW DIVIDER COMBINER AD, Controls flow to steer end drive motors in forward and reverse	1
4-	84135GT	SEAL KIT, VALVE for 62252	
5	77186GT	PLUG,ORIFICE,1.00MM(.039IN) AE, Drive circuit	1
6	27836GT	VALVE,CHECK,5 PSI AF, Non-steer end drive motor circuit	1
6-	110194GT	SEAL KIT, VALVE, #10 for 27836	
7	161534GT	VALVE, SOLENOID, 2 POS 3 WAY AG, Braking	1
7-	237236GT	SEAL KIT,VALVE	
	1286193GT	ACTUATOR, SOLENOID VALVE	
7-	237235GT	NUT KIT W/COIL ORINGS	
8	218121GT	RELIEF VALVE, 250 PSI AH, Charge pressure circuit	1
8-	110194GT	SEAL KIT, VALVE, #10 for 218121	
9	161534GT	VALVE, SOLENOID, 2 POS 3 WAY AI, 2-speed motor shift	1
9-	237236GT	SEAL KIT,VALVE for 218125	
9-	237235GT	NUT KIT W/COIL ORINGS for 218125	
9-	122148GT	COIL, SOLENOID VALVE,20W for 218125	
10	231037GT	CHECK VALVE,BALL TYPE,NORMAL AJ, Steer end drive motor circuit	1
10-	74902GT	SEAL KIT, VALVE for 231037	
11	231037GT	CHECK VALVE,BALL TYPE,NORMAL AK, Steer end drive motor circuit	1
11-	74902GT	SEAL KIT, VALVE for 231037	
12	231037GT	CHECK VALVE,BALL TYPE,NORMAL AL, Non-steer end drive motor circuit	1
12-	74902GT	SEAL KIT, VALVE for 231037	
13	231037GT	CHECK VALVE,BALL TYPE,NORMAL AM, Non-steer end drive motor circuit	1

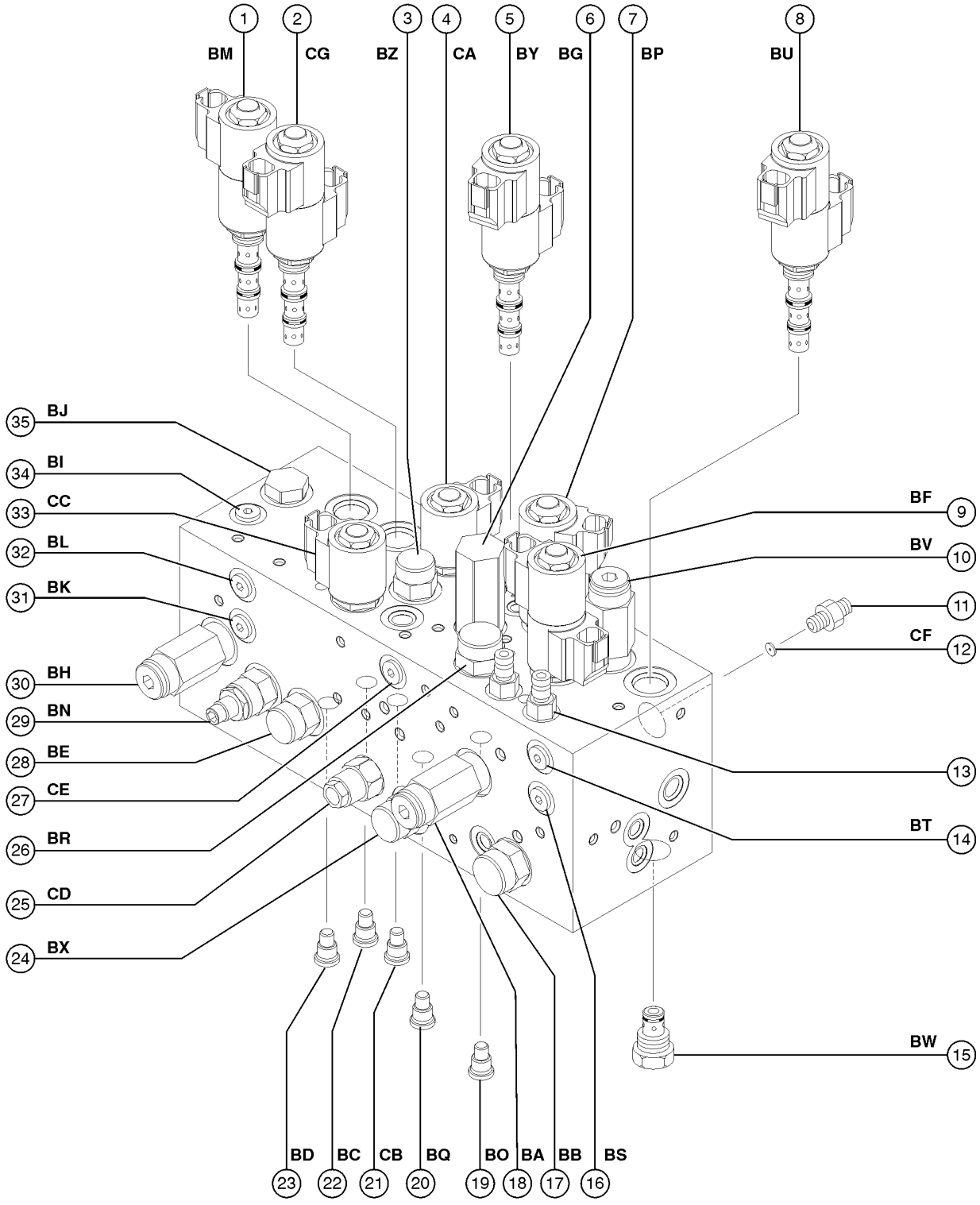
702.1 4WD Traction Manifold



702.1 4WD Traction Manifold

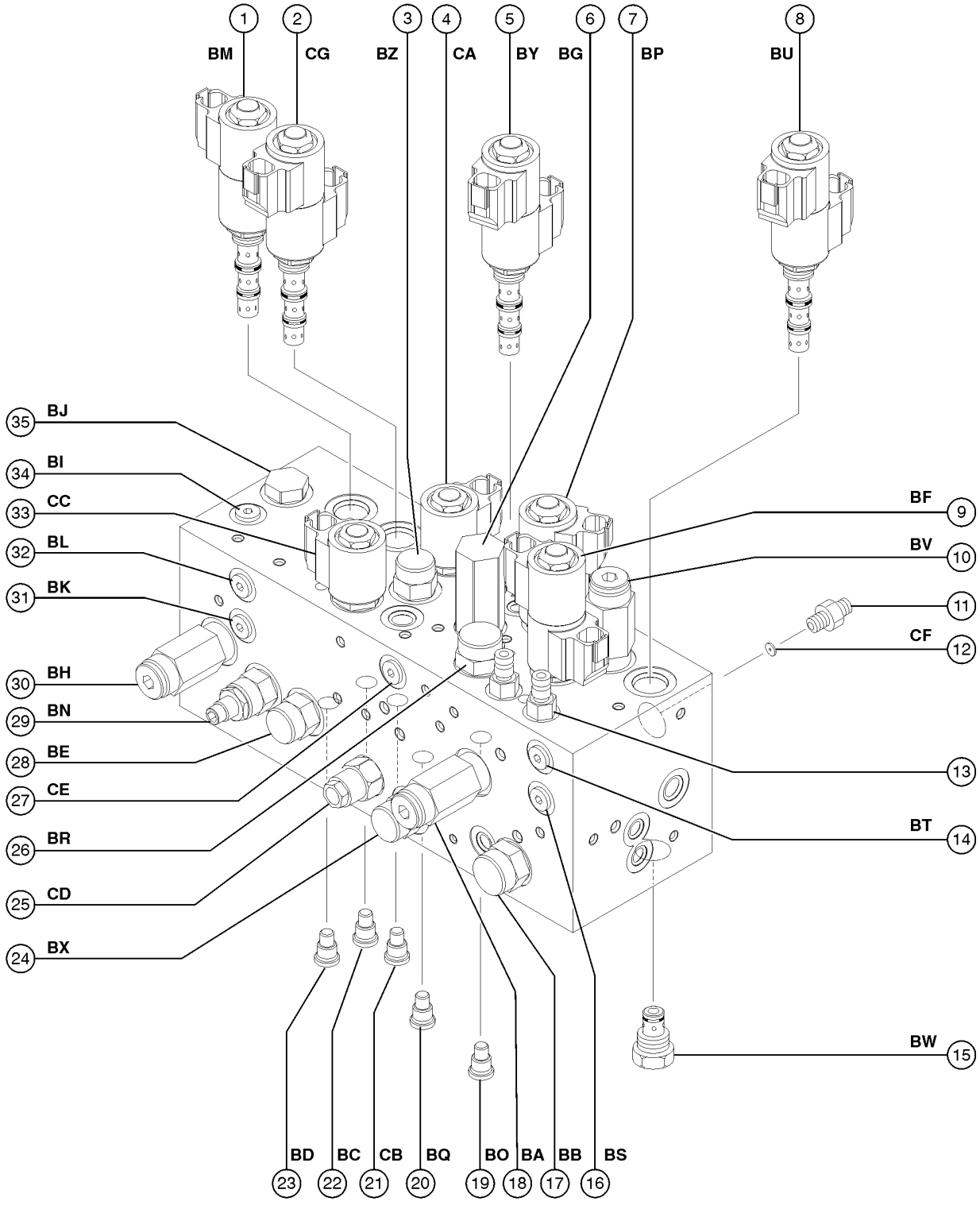
Item	Part No.	Description	Qty.
13-	74902GT	SEAL KIT, VALVE for 231037	
14	27807GT	VALVE,CHECK*** AN, 2 speed motor shift circuit	1
14-	110200GT	SEAL KIT, VALVE, #4 for 27807	
15	77162GT	PLUG-ORIFICE 0.031 INCH AO, Brake circuit	1
16	27836GT	VALVE,CHECK,5 PSI AP, Steer end drive motor circuit	1
16-	110194GT	SEAL KIT, VALVE, #10 for 27836	
17	218127GT	SHUTTLE VALVE, HOT OIL AQ, Charge pressure circuit that directs hot oil out of low pressure side of drive pump and allows low pressure flow path for brake release and 2-speed motor shift	1
17-	84137GT	SEAL KIT, VALVE 84129 for 218127	
18	77186GT	PLUG,ORIFICE,1.00MM(.039IN) AR, Drive circuit	1

703.1 Function Manifold



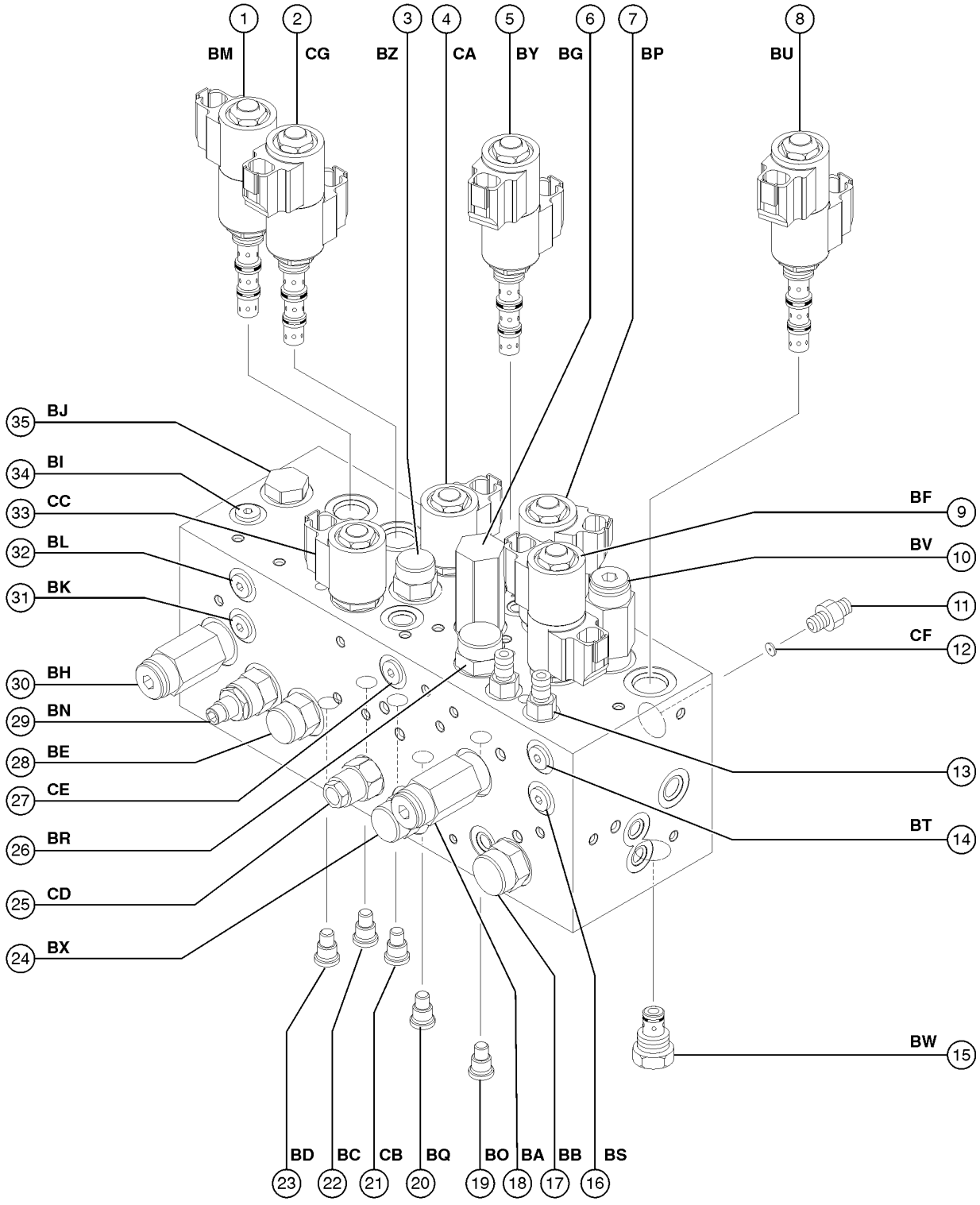
Item	Part No.	Description	Qty.
A-	219436GT	MANIFOLD,FUNCTION,IC Complete	
1	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** BM, Platform level up/down (valve with nut and spacer only)	
1-	44229GT	SEAL KIT, VALVE	
1-	89863GT	COIL,10V DC,DEUTCH W/DIODE*** (coil sold seperately)	
2	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** CG, Platform rotate left/right and jib boom up/down (valve with nut and spacer only)	
2-	44229GT	SEAL KIT, VALVE	
2-	89863GT	COIL,10V DC,DEUTCH W/DIODE*** (coil sold seperately)	
3	62346GT	VALVE,FLOW REGULATOR, 2.0 GPM* BZ, Primary boom extension circuit	
3-	44228GT	SEAL KIT, VALVE	
4	62815GT	VALVE,SOLENOID,2POS 3 WAY*** CA, Primary boom extend (valve with nut and spacer only)	
4-	52371GT	SEAL KIT, VALVE	
4-	89863GT	COIL,10V DC,DEUTCH W/DIODE*** (coil sold seperately)	
5	94614GT	VALVE,PROP,3 POS,4-WAY*** BY, Primary boom up/down (valve with nut and spacer only)	
5-	44229GT	SEAL KIT, VALVE	
5-	89863GT	COIL,10V DC,DEUTCH W/DIODE*** (coil sold seperately)	
6	94616GT	VALVE,DIFF SENSING,160 PSI BG, Meters flow to functions	
6-	62337GT	SEAL KIT, VALVE	
7	107816GT	VALVE,PROPORTIONAL 3 POS 4 WY* BP, Turntable rotate left/right (valve with nut and spacer only)	
7-	44229GT	SEAL KIT, VALVE	
7-	89863GT	COIL,10V DC,DEUTCH W/DIODE*** (coil sold seperately)	
8	94614GT	VALVE,PROP,3 POS,4-WAY*** BU, Secondary boom up/down (valve with nut and spacer only)	
8-	44229GT	SEAL KIT, VALVE	
8-	89863GT	COIL,10V DC,DEUTCH W/DIODE*** (coil sold seperately)	
9	44168GT	VALVE,SOLENOID,3POS 4WAY BF, Steer left/right (valve with nut and spacer only)	
9-	44229GT	SEAL KIT, VALVE	
9-	89863GT	COIL,10V DC,DEUTCH W/DIODE*** (coil sold seperately)	
10	101277GT	VALVE,RELIEF,2100 PSI*** BV, Secondary boom down	
10-	44227GT	SEAL KIT, VALVE	

703.1 Function Manifold

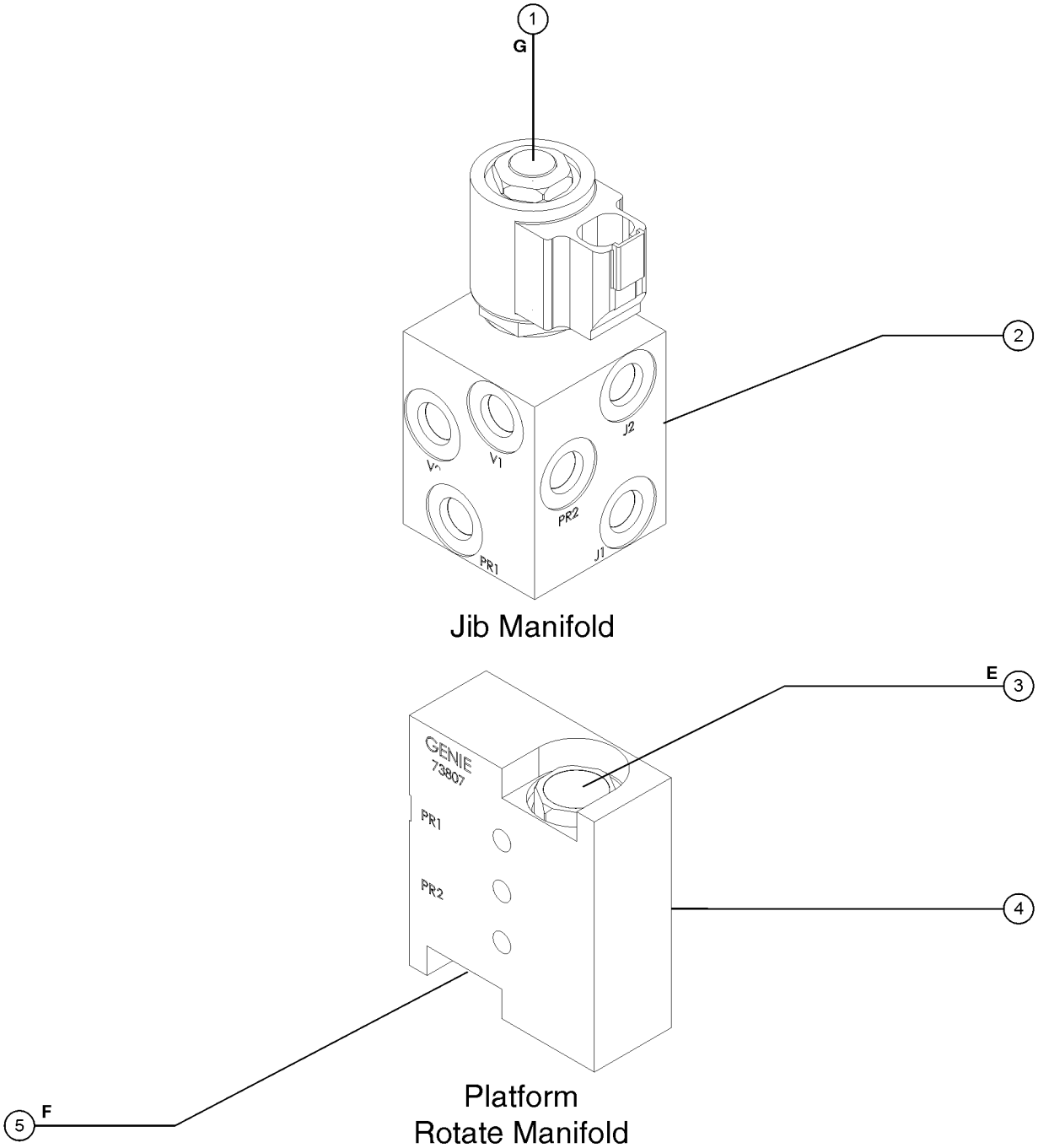


Item	Part No.	Description	Qty.
11	48912GT	CONN,520120-4-6***	
12	47092GT	ORIFICE DISC,.046",GREEN CF, Secondary boom down circuit (located under fitting)	
13	48997GT	NIPPLE,DIAGNOSTIC,#4 Testing	
13-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	
14	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* BT, Differential sensing circuit,secondary boom down	
14-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
15	44178GT	VALVE,CHECK,5 PSI** BW, Secondary boom circuit	
15-	44224GT	SEAL KIT, VALVE	
16	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* BS, Differential sensing circuit, secondary boom up	
16-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
17	52369GT	VALVE,FLOW REG., 2.0 GPM,GS68 BB, Steer circuit	
17-	44225GT	SEAL KIT, VALVE	
18	52906GT	VALVE-RELIEF,3200 PSI BA, System relief	
18-	44225GT	SEAL KIT, VALVE	
19	826779GT	VALVE, SHUTTLE BO, Turntable rotate circuit	
20	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* BQ, Differential sensing circuit, turntable rotate	
20-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
21	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* CB, Differential sensing circuit,primary boom retract	
21-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
22	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* BC, Differential sensing circuit, platform rotate left / jib boom up	
22-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
23	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* BD, Differential sensing circuit,platform rotate right / jib boom down	
23-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
24	62324GT	VALVE,FLOW CONTROL, 0.1GPM* BX, Differential sensing circuit,primary boom up/down	
24-	44228GT	SEAL KIT, VALVE	
25	54063GT	VALVE,CB.CBBC-LHN@1000*** CD, Primary boom down circuit	
25-	43018GT	SEAL KIT (39345)	
26	110180GT	VALVE, COMPENSATOR, 80 PSI BR, Turntable rotate circuit	

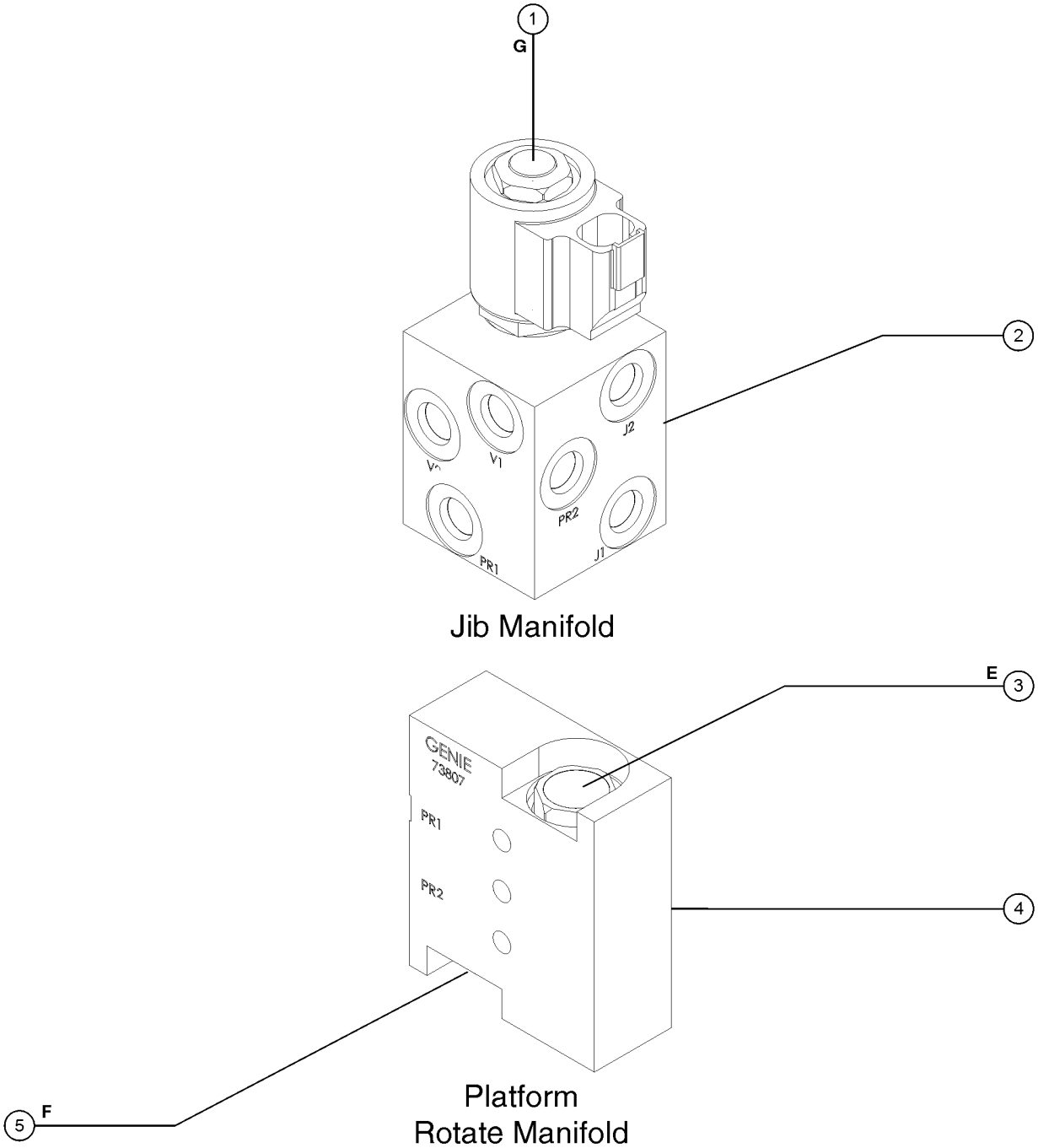
703.1 Function Manifold



Item	Part No.	Description	Qty.
26-	44225GT	SEAL KIT, VALVE	
27	44216GT	VALVE,SHUTTLE CE, Differential sensing circuit,primary boom up/down	
27-	44235GT	SEAL KIT-FOR PN.44216 & 826779	
28	94618GT	VALVE,FLOW CONTROL,.4 GPM BE, Platform rotate / jib boom circuit primary boom up/down	
28-	44228GT	SEAL KIT, VALVE	
29	101055GT	VALVE,NEEDLE,FINE ADJUSTMENT** BN, Platform level circuit	
29-	44228GT	SEAL KIT, VALVE	
30	101114GT	VALVE RELIEF,2500PSI(88513)** BH, Platform level circuit	
30-	44227GT	SEAL KIT, VALVE	
31	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* BK, Differential sensing circuit,platform level up	
31-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
32	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* BL, Differential sensing circuit,platform level down	
32-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
33	62815GT	VALVE,SOLENOID,2POS 3 WAY*** CC, Primary boom retract (valve with nut and spacer only)	
33-	52371GT	SEAL KIT, VALVE	
33-	89863GT	COIL,10V DC,DEUTCH W/DIODE*** (coil sold seperately)	
34	44216GT	VALVE,SHUTTLE BI, Platform level circuit	
34-	44235GT	SEAL KIT-FOR PN.44216 & 826779	
35	101958GT	VALVE,CHECK,DUAL PILOT,135 PSI	
35-	44229GT	SEAL KIT, VALVE	


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PR2
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J1
Jib Manifold
E
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GENIE
73807
PR1
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F
Platform
Rotate Manifold

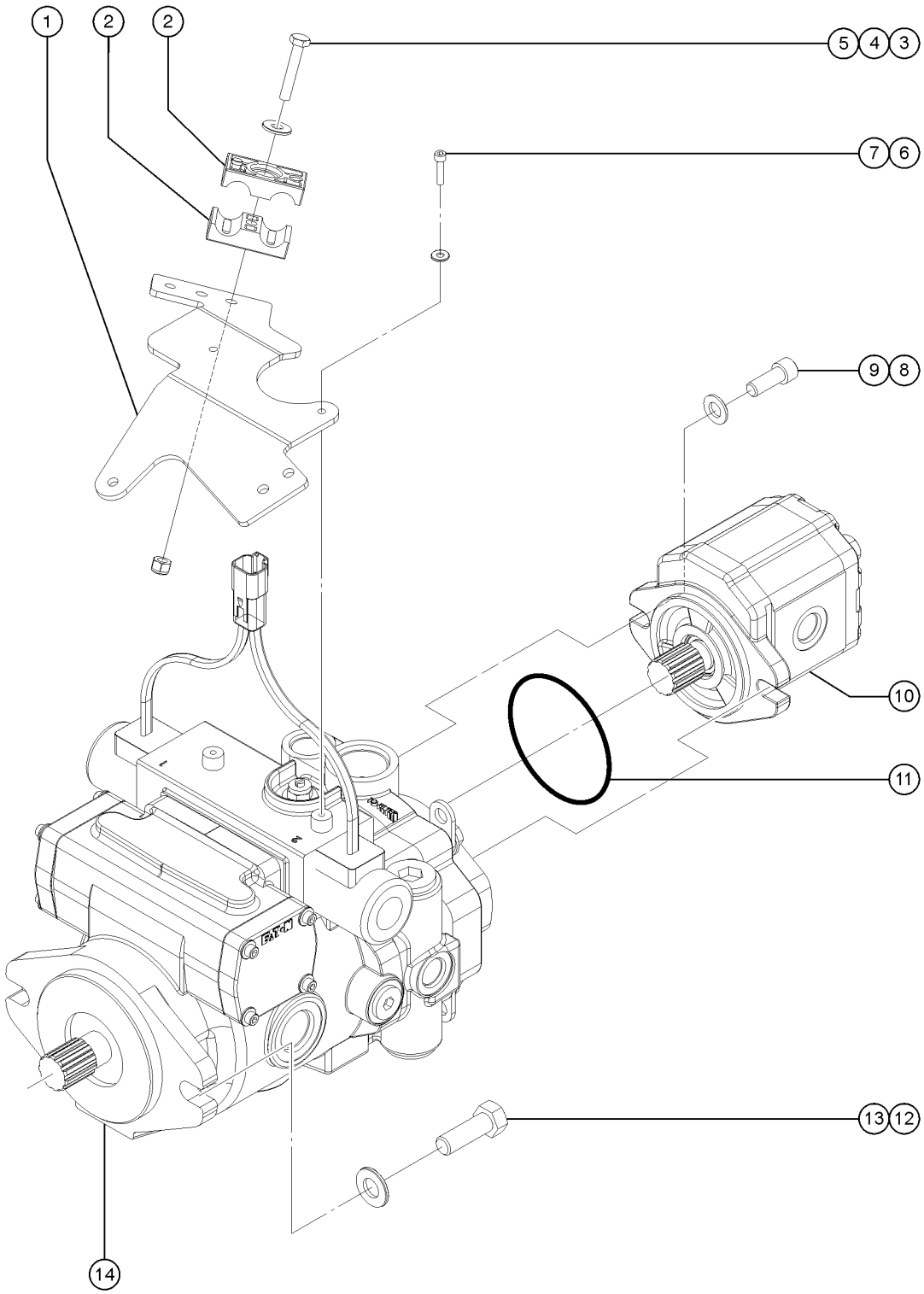
Item	Part No.	Description	Qty.
1A	89862GT	VALVE-SOLENOID,2POS 3WAY,JIB** .. G, Platform rotate left/right and jib boom up/down, for 88786, does not include the coil or nut, 104759 or 44174	
1A-	89864GT	SEAL KIT,SOLENOID VALVE, SV07	
1A-	104759GT	COIL,12VDC #8 DTSCH IP69 ECOIL	
1A-	44174GT	NUT-COIL SHORT	
1B	52897GT	VALVE,SOLENOID, 2POS/3WAY*** G, Platform rotate left/right and jib boom up/down, for 1256670, does not include the coil or nut, 104759 or 44174	
1B-	52371GT	SEAL KIT, VALVE	
1B-	104759GT	COIL,12VDC #8 DTSCH IP69 ECOIL	
1B-	44174GT	NUT-COIL SHORT	
2	1256670GT	MANIFOLD,JIB SELECT W/QD PLUG ..... includes item 1, replaced 88786	
2-	52897GT	VALVE,SOLENOID, 2POS/3WAY***	
2-	104759GT	COIL,12VDC #8 DTSCH IP69 ECOIL	
2-	44174GT	NUT-COIL SHORT	
2-	52371GT	SEAL KIT, VALVE ..... for 52897	
3	62506GT	VALVE - COUNTERBALANCE** ..... E and F, Platform rotate circuit	1
3-	43018GT	SEAL KIT (39345) ..... for 62506	
4	73807GT	MANIFOLD,ROTATOR,CB*** ..... includes item 3	1
4-	62507GT	O-RING, ROTATOR MANIFOLD ..... for 62507	
4-	62507GT	O-RING, ROTATOR MANIFOLD	
4-	43018GT	SEAL KIT (39345)	
5	62506GT	VALVE - COUNTERBALANCE**	
5-		BRACKET,BOX ..... (no longer available)	


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J1
Jib Manifold
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GENIE
73807
PR1
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F
Platform
Rotate Manifold

704.2 Jib and Platform Rotate Manifolds, Z-45/25

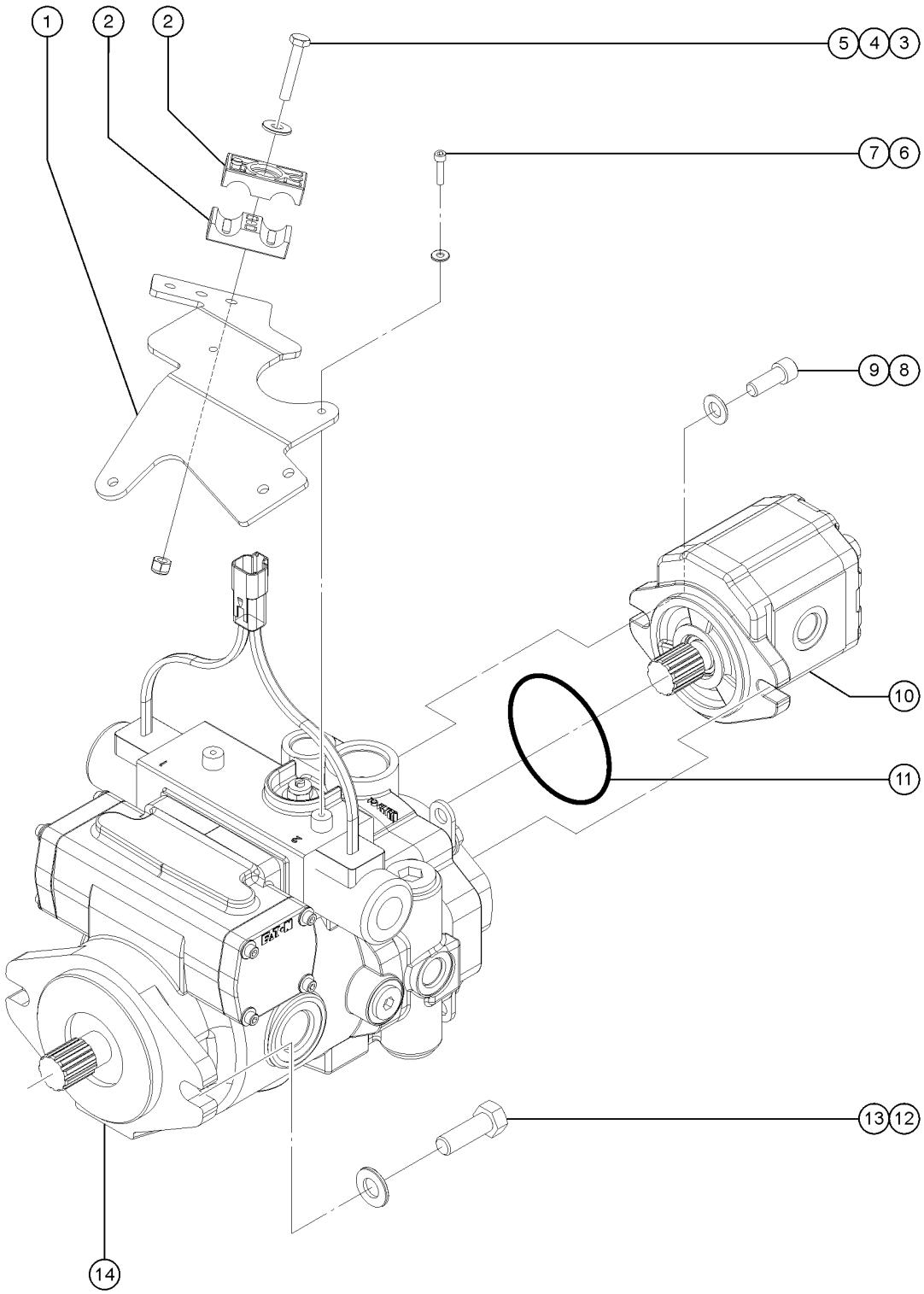
Item	*Part No.*	*Description*	*Qty.*
3	62506GT	VALVE - COUNTERBALANCE** ..... F, Platform rotate right circuit	1
3-	43018GT	SEAL KIT (39345) ..... for 62506	
4	73807GT	MANIFOLD,ROTATOR,CB*** ..... includes item 3	1
4-	62507GT	O-RING, ROTATOR MANIFOLD ..... for 62507	
5	62506GT	VALVE - COUNTERBALANCE** ..... E, Platform rotate left circuit	1
5-	43018GT	SEAL KIT (39345) ..... for 62506	

705.1 Pumps



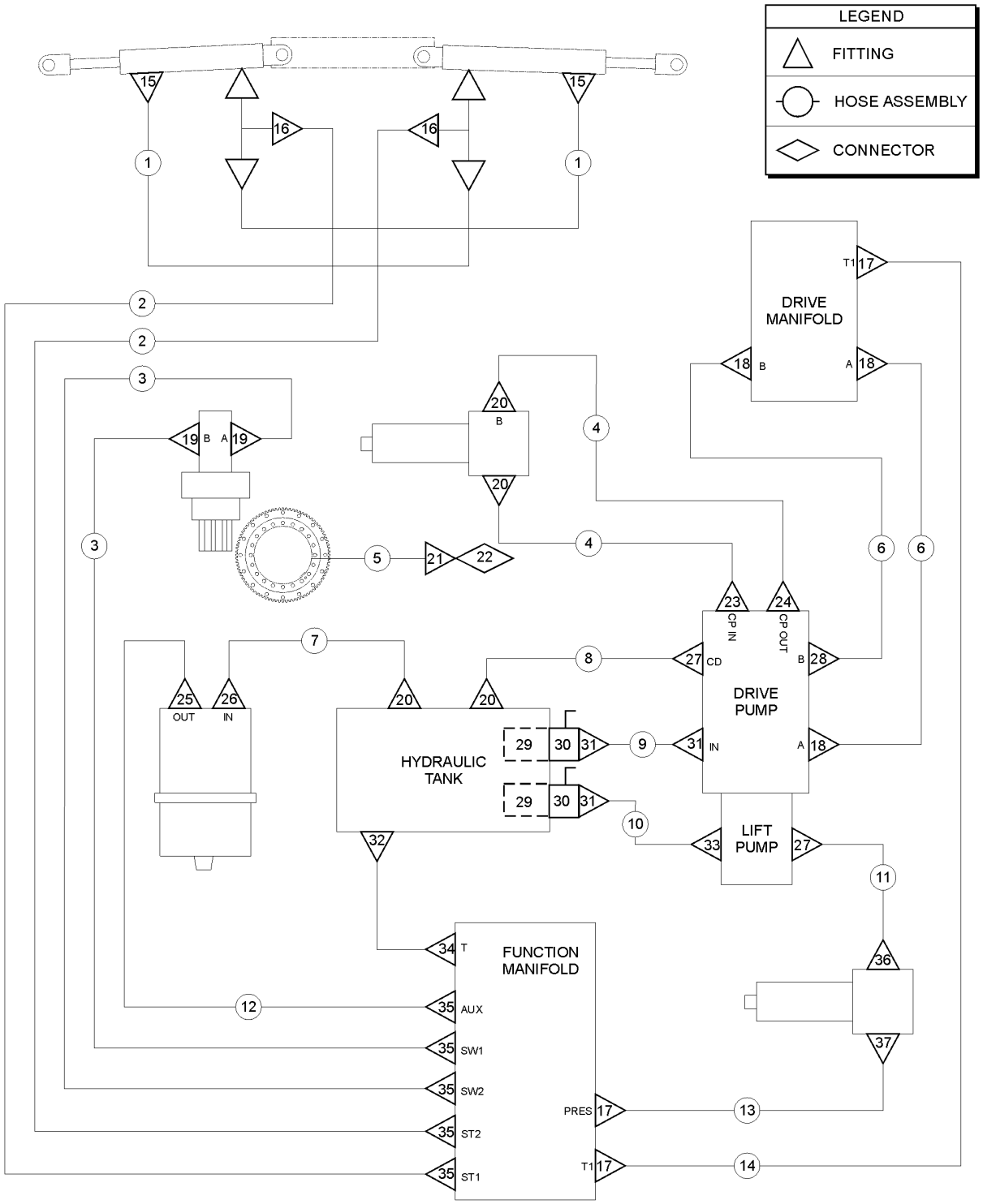
Item	Part No.	Description	Qty.
1	216342GT	BRACKET,PUMP MOUNTING	1
2	78736GT	CLAMP,2 HOSE,PLASTIC	4
3	6145GT	SCREW, HHC, 1/4-20 X 1.5	
4	6638GT	WASHER, FLAT, USS, 1/4"Y	
5	6091GT	NUT,NYLOCK,1/4-20	
6	66856GT	SCREW,SHC,8-32 X 3/4,BLK COAT	2
7	35461GT	WASHER,FLAT,MS,#8,Y	2
8	33988GT	SCREW,SHC,3/8-16 X 1	2
9	22699GT	WASHER, FLAT, M10, ZINC PLTD.	2
10	81013GT	PUMP,PIGGBACK,11CC,11 TOOTH	1
10-	81669GT	SEAL KIT,11 TOOTH PUMP*** for 81013	
11	43683GT	O-RING,2-042 N674-70***	1
12	8177GT	SCREW,HHC,1/2-13 X 1.5	2
13	13066GT	WASHER,FLAT,.5 HARDENED	2
14	77788GT	PUMP,PISTON,49CC***	1
14-	9990420GT	Shaft 15TM X ¾-11TM	
14-	43683GT	O-RING,2-042 N674-70***	
14-	58431GT	SEAL KIT,PUMP SHAFT (EATON)*** check pump date code, if after 031505, must also order 107813 qty 1	
14-	82431GT	HOSE ASM-JCAF310-06-41	
14-	1286043GT	KIT,SOLENOID REPLACEMENT,EATON (77788) includes two coils	
14-	1285506GT	SEAL RING,SOLENOID CONTROL (for 1286043GT)	
14-	101294GT	KIT,CHARGE PUMP	
14-	106835GT	CONTROLLER W/O COILS (77788) (first time replacement requires 1285505GT)	
14-	1285505GT	KIT,SOLENOID CONTROL SERVICE	
14-	106836GT	O-RING,STEM,EATON	
14-	106837GT	NUT,STEM,EATON***	
14-	107813GT	SPACER,EATON PUMP SHAFT SEAL** check pump date code, for pumps after 031505	
14-	107814GT	SEAL,SHAFT,EATON PUMP***	

705.1 Pumps



Item	*Part No.*	*Description*	*Qty.*
14-	107815GT	SNAP RING,PUMP SHAFT SEAL***	
14-	107842GT	KIT,PUMP SHAFT SEAL W/INST*** includes PNs 107813, 107814, 107815	
14-	128423GT	KIT,CHARGE PUMP HOUSING	
14-	9990606GT	COVER PLATE GASKET (Component of 77788GT)	
14-	9990607GT	WASHER SEAL(Component of 77788GT)	
14-	9990608GT	NUT, JAM (Component of 77788GT)	

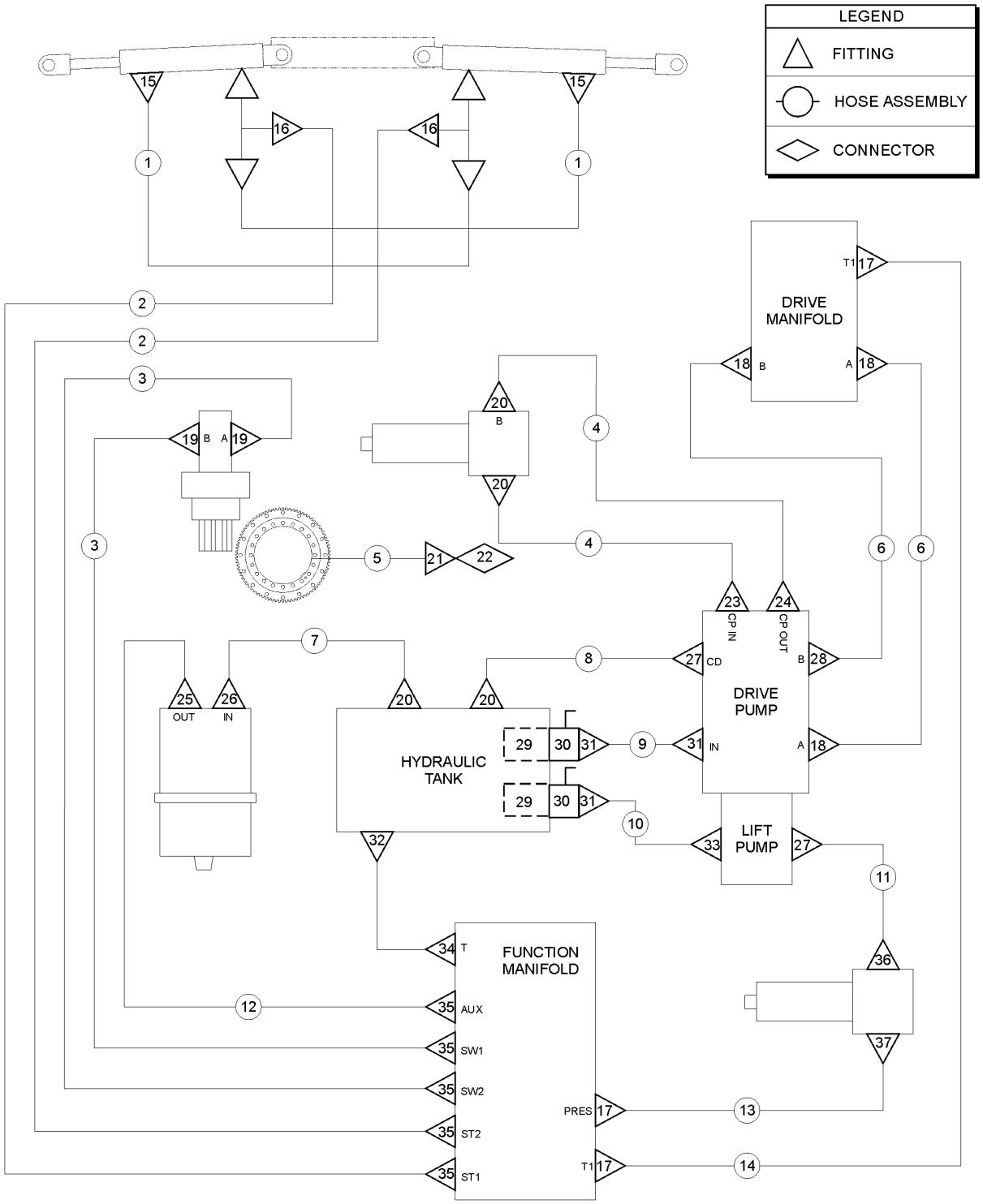
801.1 Function Manifold, View 1



801.1 Function Manifold, View 1

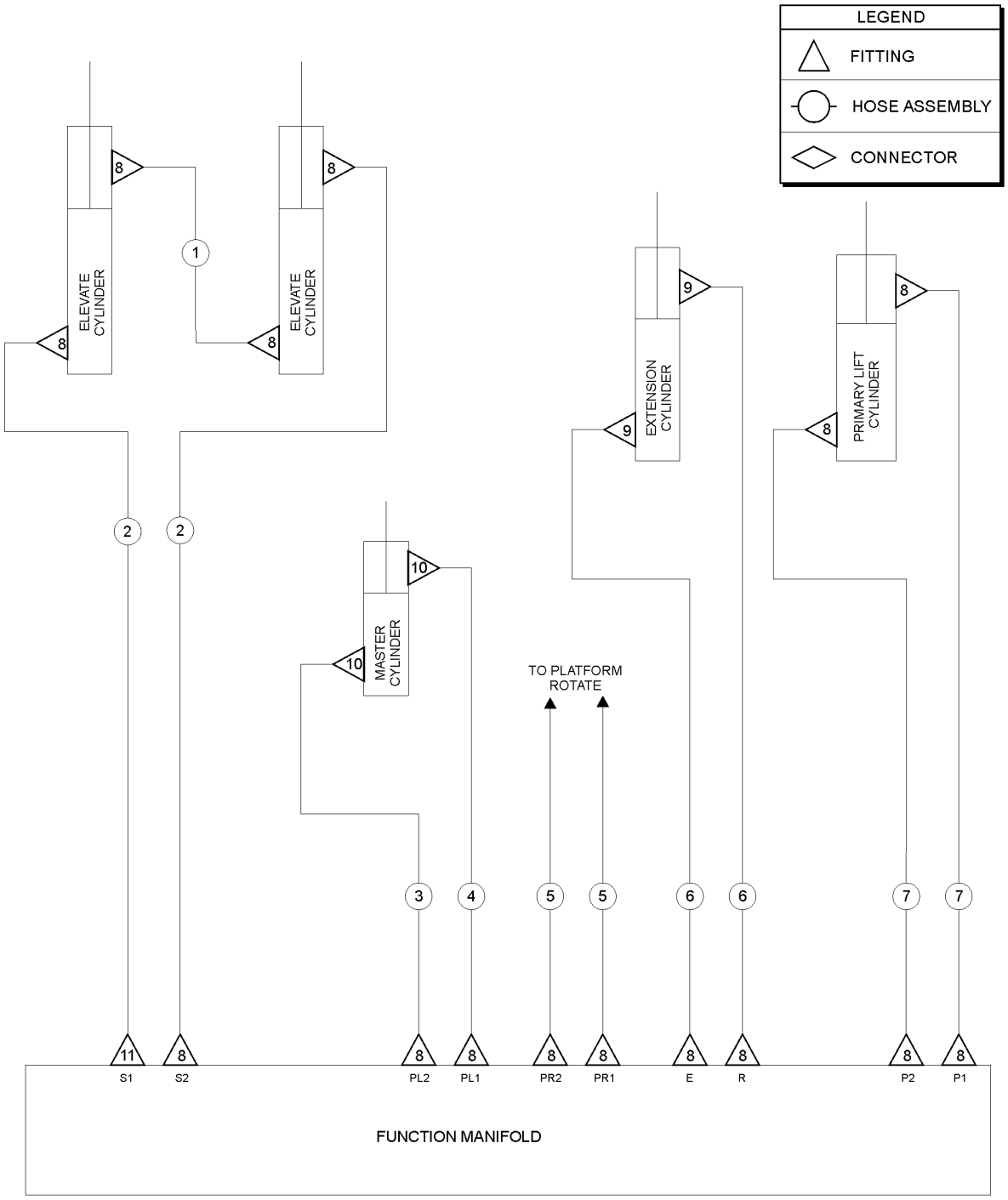
Item	Part No.	Description	Qty.
A-	48767GT	SLEEVE,NYLON,1.42 ID	20 inches
B-	48773GT	SLEEVE,NYLON,.86 ID	20 inches
C-	48773GT	SLEEVE,NYLON,.86 ID	28 inches
1	49118-2508GT	HOSE ASSY,1/4,90 FEM,STR FEM	2
2	49120-13081GT	HOSE ASSEMBLY,1/4"	2
3	49119-4878GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
4	49141-2463GT	HOSE ASSY,1/2,45 FEM,STR FEM**	2
5	88635-3724GT	HOSE ASSY 1/4,STR FEM,PIPETHRE	1
6	94374-10330GT	HOSE ASSY,3/4,90 FEM,STR FEM	2
7	1290359-3121GT	ASSY, HOSE, AIR, -6, 350, STR, 90	1
8	49141-6763GT	HOSE ASSY,1/2,45 FEM,STR FEM	1
9	119993-4753GT	HOSE ASSY 1",STR FEM,STR FEM	1
10	119993-4303GT	HOSE ASSY 1",STR FEM,STR FEM	1
11	75278-2629GT	HOSE ASSY,1/2,90 FEM,STR FEM**	1
12	49117-5691GT	HOSE ASSY,1/4,90 FEM,STR FEM**	1
13	61143-8063GT	HOSE ASSY,1/4,45 FEM,STR FEM**	1
14	49183-11492GT	HOSE ASSY,1/2,STR FEM,STR FEM	1
15	48911GT	ELBOW,90D,520220-4-6***	2
16	48918GT	TEE,RUN,520428-6	2
17	48933GT	CONN,520120-8***	3
18	48906GT	TEE,RUN,520428-4	2
19	48904GT	ELBOW, 90D, 520220-4	2
20	48932GT	FITTING,ELBOW,90D,520220-8***	4
21	48885GT	CONNECTOR,BULKHEAD,FEMALE-4	1
22	94643GT	ZERK,GREASE,5/16-24,STRAIT	1
23	48949GT	CONN,520120-8-16	1

801.1 Function Manifold, View 1



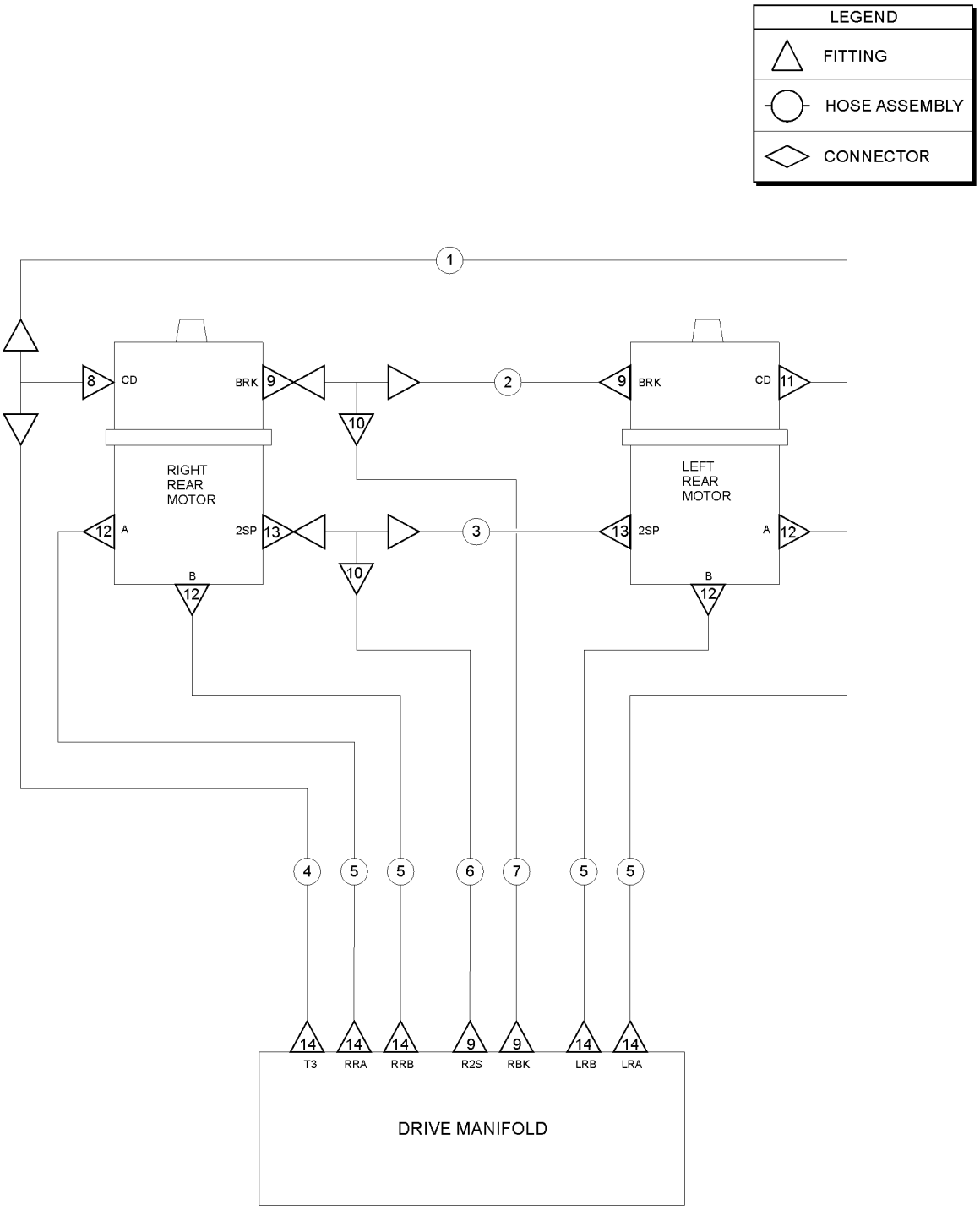
801.1 Function Manifold, View 1

Item	Part No.	Description	Qty.
24	48946GT	CONN,520120-8-10	1
25	48912GT	CONN,520120-4-6***	1
26	48916GT	CONN, 520120-6	1
27	48999GT	VALVE,CHK,#8PORT-#8MALEORFS	1
28	48978GT	ELBOW,45D,520320-12-16	2
29	147419GT	KIT,STRAINER REPLACEMENT	2
30	48996GT	VALVE,BALL,16 MSAE-16 FSAE***	2
31	48984GT	CONN, 520120-16	3
32	48977GT	CONN,520120-12-16	1
33	48983GT	ELBOW,90D,520220-16	1
34	48960GT	FITTING,CONN,520120-12***	1
35	48905GT	CONNECTOR, 520120-4	5
36	48947GT	ELBOW,90D,520220-8-12	1
37	48948GT	CONN,520120-8-12	1


LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
ELEVATE CYLINDER
ELEVATE CYLINDER
EXTENSION CYLINDER
PRIMARY LIFT CYLINDER
MASTER CYLINDER
TO PLATFORM ROTATE
S1
S2
PL2
PL1
PR2
PR1
E
R
P2
P1
FUNCTION MANIFOLD

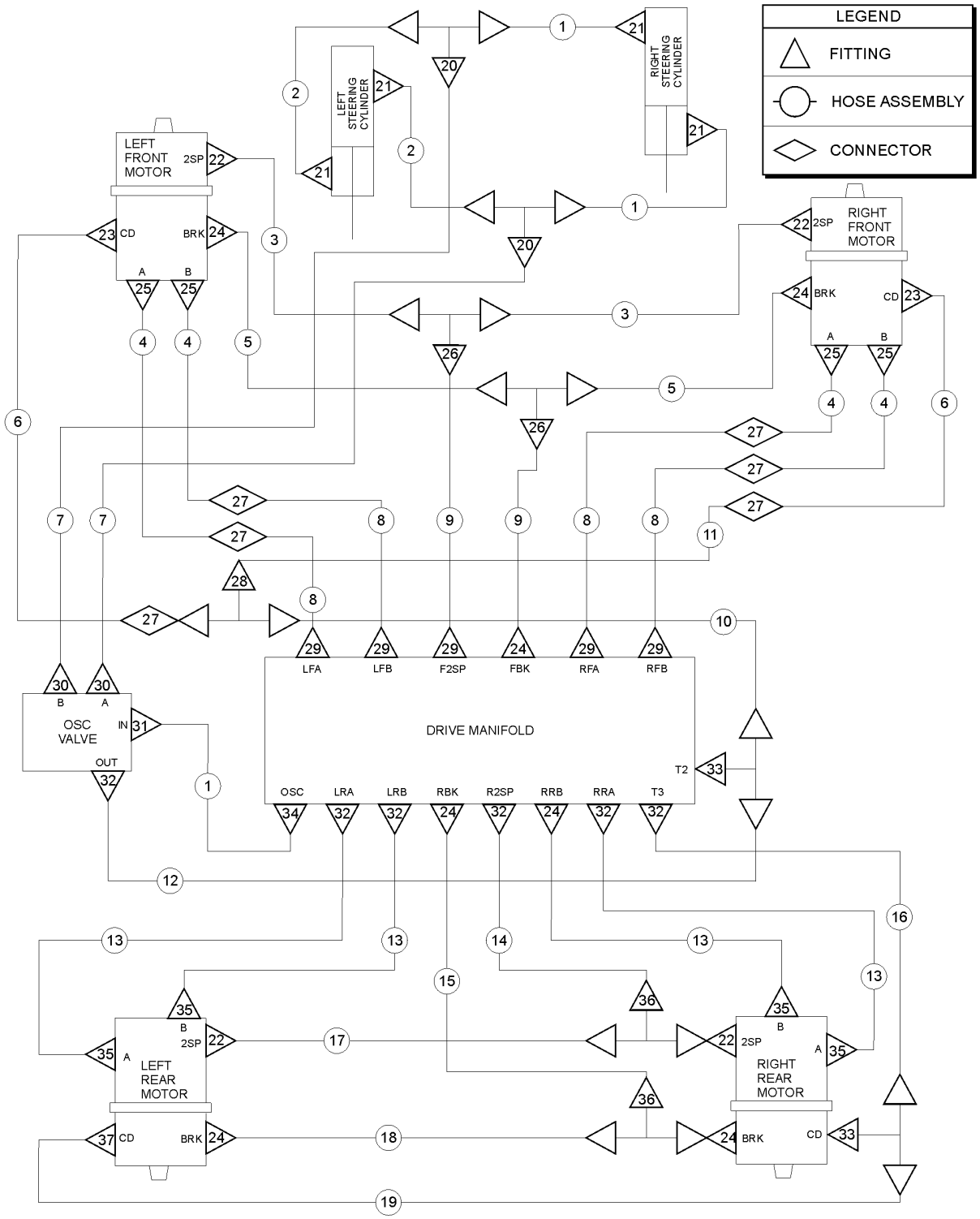
802.1 Function Manifold, View 2

Item	Part No.	Description	Qty.
A-	77103GT	SLEEVE,NYLON,3.13 ID	48 inches
B-	77103GT	SLEEVE,NYLON,3.13 ID	36 inches
1	49119-2278GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
2	49119-16178GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
3	49119-36178GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
4	49119-37678GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
5	49119-39378GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
6	49120-35381GT	HOSE ASSY 1/4, STR FEM,STR FEM	2
7	49119-38578GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
8	48905GT	CONNECTOR, 520120-4	15
9	48917GT	CONN,LONG,520122-6	2
10	48890GT	FITTING,TEE,BRANCH,520429-4***	2
11	48912GT	CONN,520120-4-6***	1

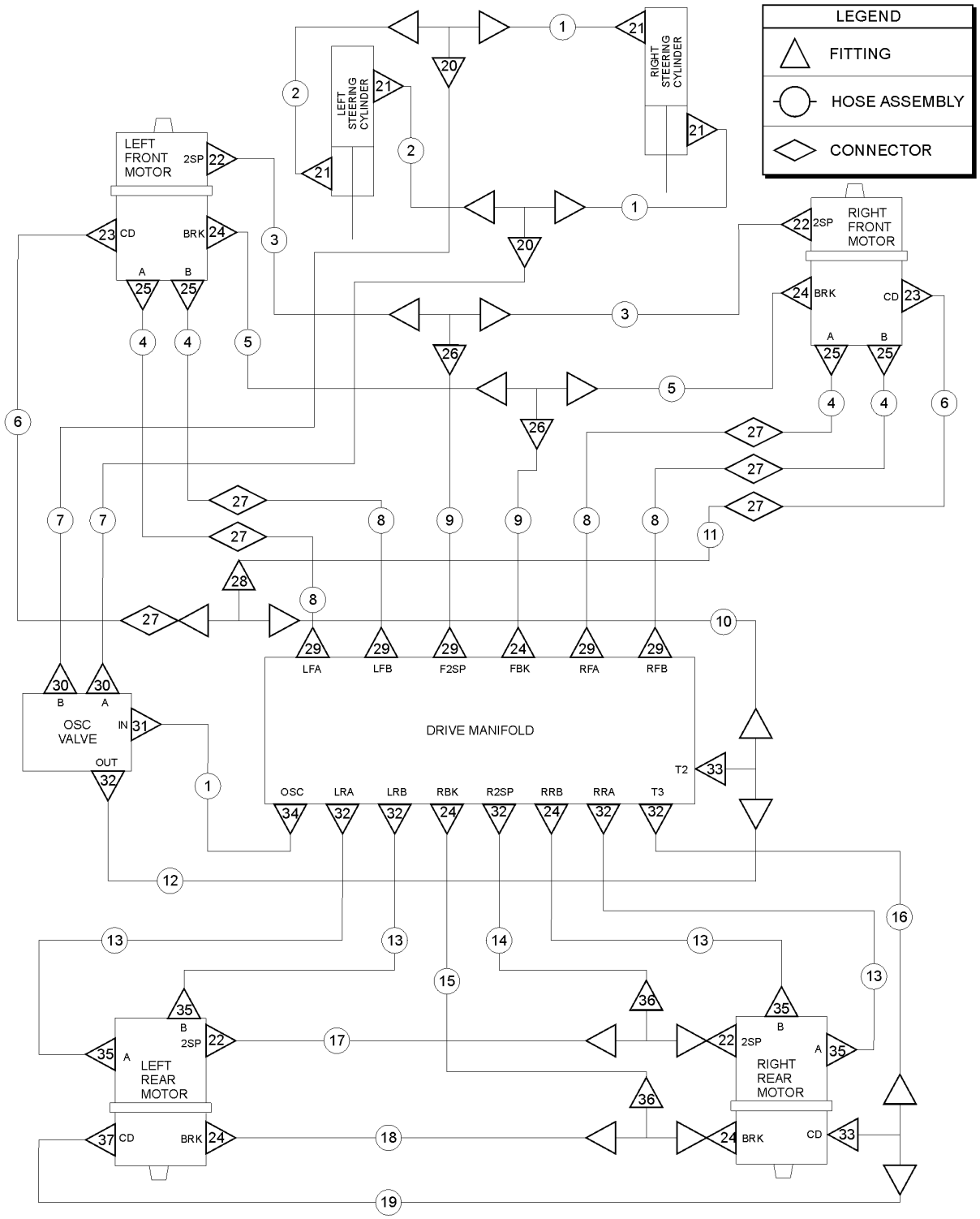

LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
1
8
CD
BRK
9
2
9
BRK
CD
11
10
RIGHT
REAR
MOTOR
LEFT
REAR
MOTOR
12
A
2SP
13
3
13
2SP
A
12
B
12
10
B
12
4
5
5
6
7
5
5
14
T3
14
RRA
14
RRB
9
R2S
9
RBK
14
LRB
14
LRA
DRIVE MANIFOLD

803.1 Drive and Steer, 2WD

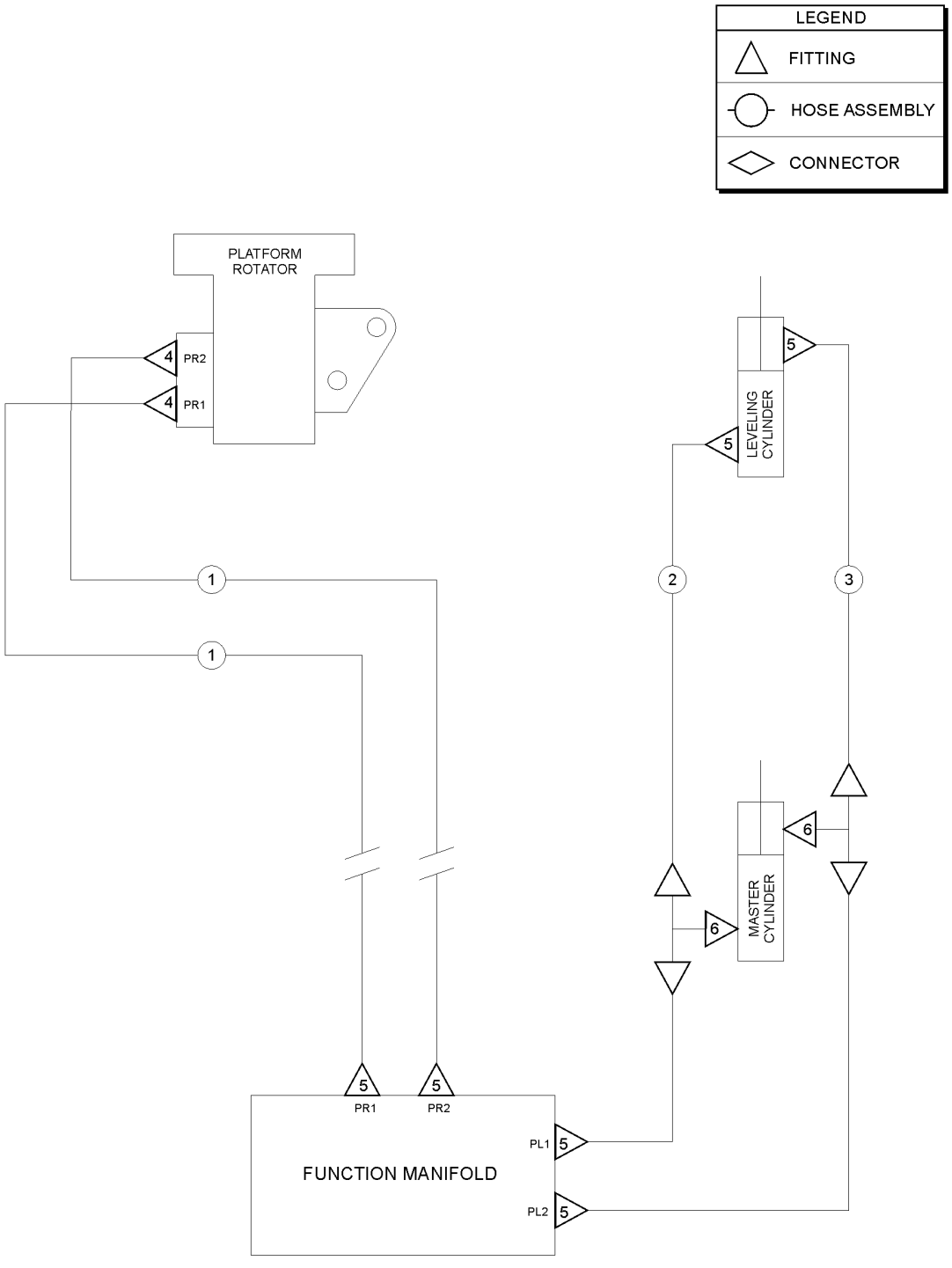
Item	Part No.	Description	Qty.
1	94464-7086GT	HOSE ASSY,1/2,90 FEM,STR FEM**	1
2	49119-6078GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
3	49119-5478GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
4	1290361-5828GT	ASSY, HOSE, AIR, -8, 300, STR, 45	1
5	81812-4892GT	HOSE ASSY,1/2,STR FEM,STR FEM	4
6	49117-4991GT	HOSE ASSY,1/4,90 FEM,STR FEM**	1
7	49117-5191GT	HOSE ASSY,1/4,90 FEM,STR FEM**	1
8	48936GT	TEE,BRANCH,520429-8	1
9	48905GT	CONNECTOR, 520120-4	4
10	48908GT	FITTING,TEE,RUN,SWIVEL520432-4	2
11	48932GT	FITTING,ELBOW,90D,520220-8***	1
12	48947GT	ELBOW,90D,520220-8-12	4
13	48911GT	ELBOW,90D,520220-4-6***	2
14	48933GT	CONN,520120-8***	5


LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
LEFT STEERING CYLINDER
RIGHT STEERING CYLINDER
LEFT FRONT MOTOR
RIGHT FRONT MOTOR
LEFT REAR MOTOR
RIGHT REAR MOTOR
DRIVE MANIFOLD
OSC VALVE
2SP
CD
BRK
A
B
IN
OUT
LFA
LFB
F2SP
FBK
RFA
RFB
OSC
LRA
LRB
RBK
R2SP
RRB
RRA
T3
T2

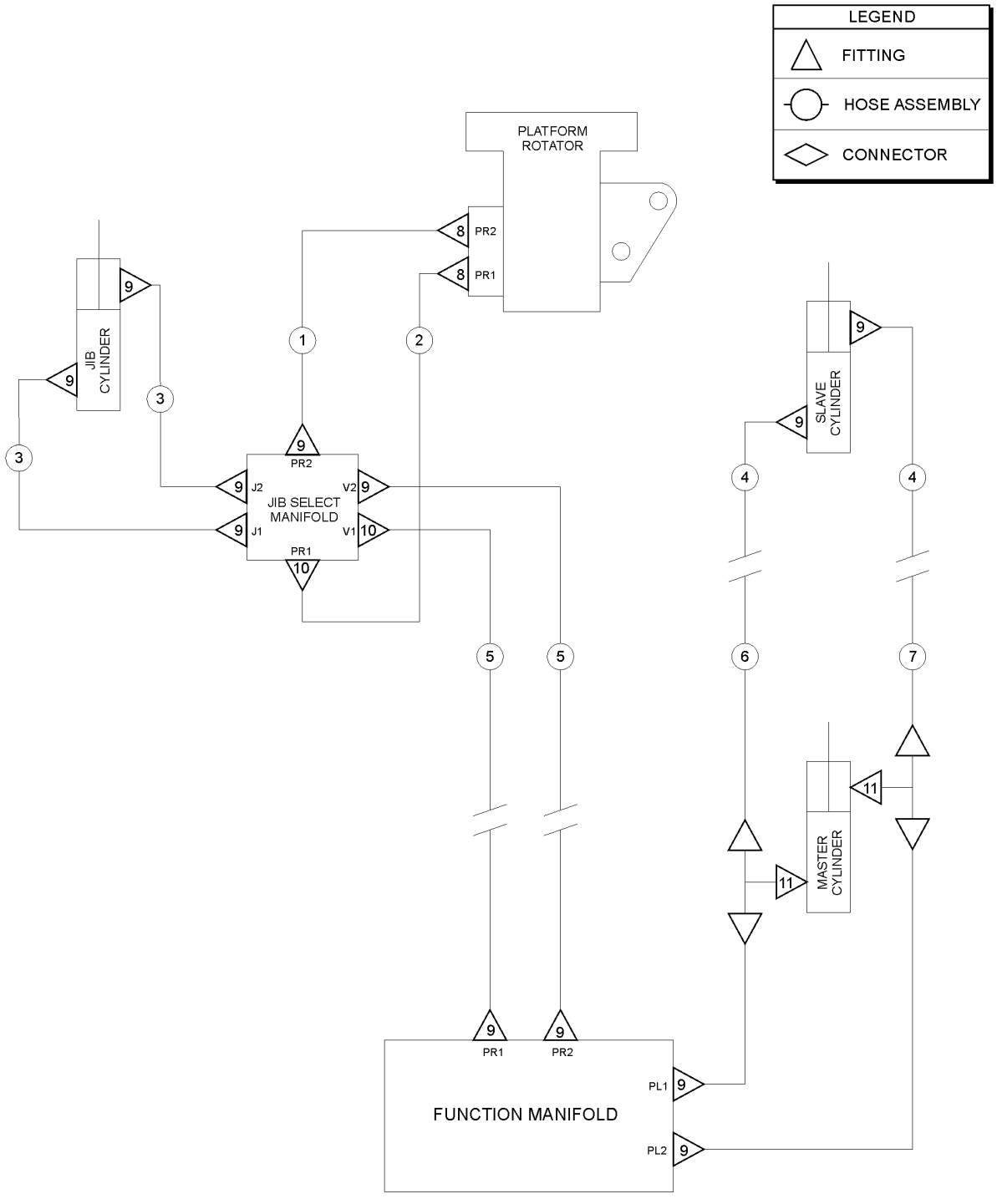
Item	Part No.	Description	Qty.
1	49117-2591GT	HOSE ASSY,1/4,90 FEM,STR FEM**	3
2	49117-2191GT	HOSE ASSY,1/4,90 FEM,STR FEM	2
3	49119-5578GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
4	61143-3263GT	HOSE ASSY,1/4,45 FEM,STR FEM	4
5	49117-5591GT	HOSE ASSY,1/4,90 FEM,STR FEM**	2
6	49126-3433GT	HOSE ASSY,3/8,45 FEM,STR FEM	2
7	49116-8737GT	HOSE ASSY,1/4,45 FEM,STR FEM	2
8	77311-7156GT	HOSE ASSY,1/2,STR FEM,STR BLKH	4
9	49119-6278GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
10	1290360-8328GT	ASSY, HOSE, AIR, -6, 350, STR, STR	1
11	89554-2913GT	HOSE ASSY, 3/8" STR M,90 FM***	1
12	94464-2786GT	HOSE ASSY,1/2,90 FEM,STR FEM	1
13	81812-4892GT	HOSE ASSY,1/2,STR FEM,STR FEM	4
14	49117-4991GT	HOSE ASSY,1/4,90 FEM,STR FEM**	1
15	49117-5191GT	HOSE ASSY,1/4,90 FEM,STR FEM**	1
16	1290361-5828GT	ASSY, HOSE, AIR, -8, 300, STR, 45	1
17	49119-5478GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
18	49119-6078GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
19	49119-7078GT	HOSE ASSY,1/4,STR FEM,STR FEM	1
20	48909GT	TEE,BULKHEAD,RUN,520958-4	2
21	48912GT	CONN,520120-4-6***	4
22	48911GT	ELBOW,90D,520220-4-6***	4
23	48930GT	CONN,520120-6-8	2
24	48905GT	CONNECTOR, 520120-4	5
25	48948GT	CONN,520120-8-12	4
26	219993GT	TEE,BULKHEAD,04MFS-04MFS-04MFS	2
27	75574GT	NUT,BULKHEAD,520118-4	6
28	227614GT	CONN,520120-20	1


LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
LEFT STEERING CYLINDER
RIGHT STEERING CYLINDER
LEFT FRONT MOTOR
RIGHT FRONT MOTOR
DRIVE MANIFOLD
OSC VALVE
LEFT REAR MOTOR
RIGHT REAR MOTOR
LFA
LFB
F2SP
FBK
RFA
RFB
OSC
LRA
LRB
RBK
R2SP
RRB
RRA
T3
T2
IN
OUT
CD
BRK
2SP

Item	Part No.	Description	Qty.
29	48937GT	ELBOW,45D,520320-8	5
30	49418GT	FITTING,ELBOW,45D,520320-4-6**	2
31	48914GT	CONN,520120-4-8	1
32	48933GT	CONN,520120-8***	6
33	48936GT	TEE,BRANCH,520429-8	2
34	48904GT	ELBOW, 90D, 520220-4	1
35	48947GT	ELBOW,90D,520220-8-12	4
36	48908GT	FITTING,TEE,RUN,SWIVEL520432-4	2
37	48932GT	FITTING,ELBOW,90D,520220-8***	1

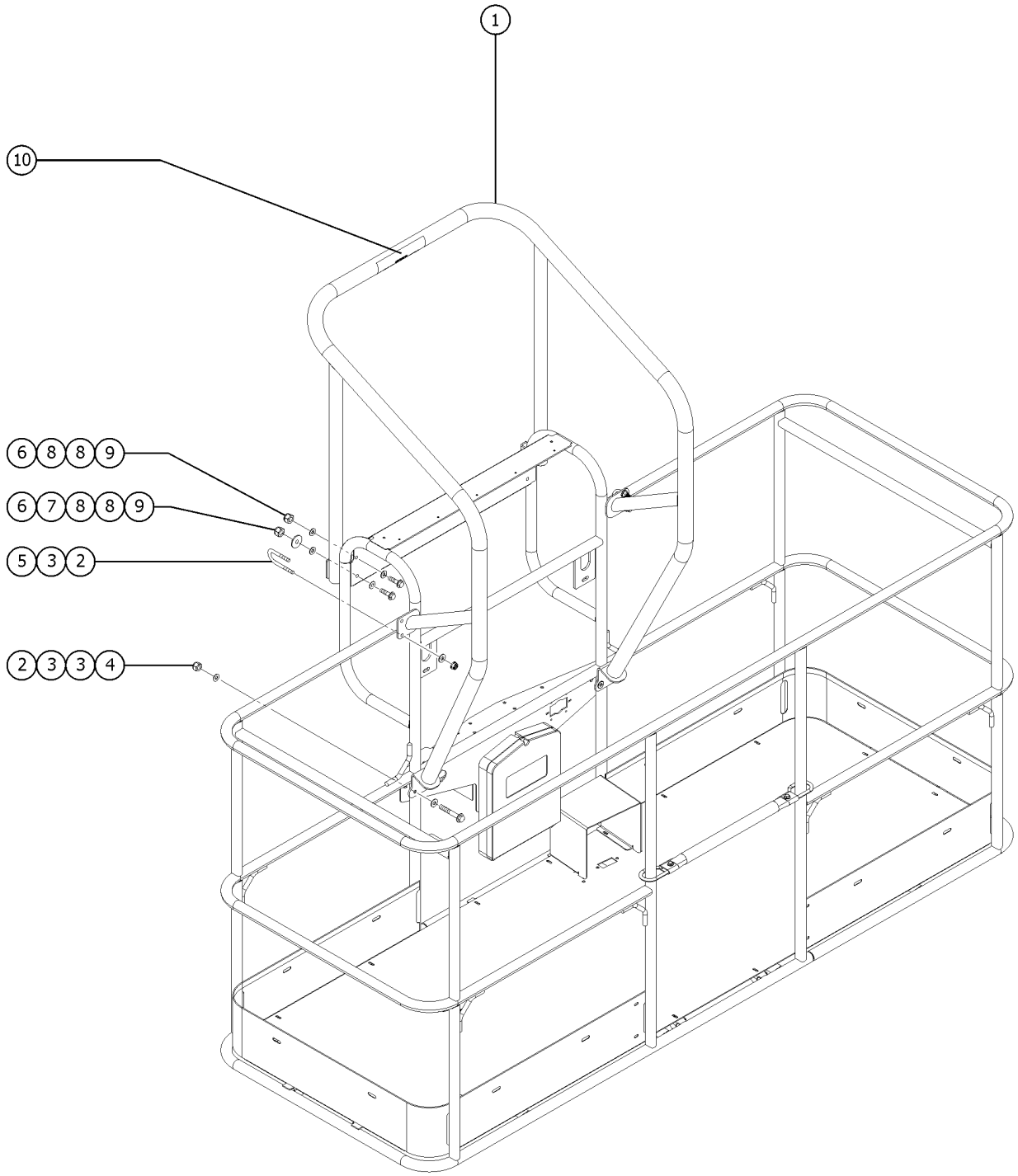

LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
PLATFORM ROTATOR
4 PR2
4 PR1
5
5
LEVELING CYLINDER
1
1
2
3
6
6
MASTER CYLINDER
5 PR1
5 PR2
PL1 5
FUNCTION MANIFOLD
PL2 5

Item	*Part No.*	*Description*	*Qty.*
A-	28678GT	SLEEVE,NYLON,2"I.D.,BULK(100') for items 2 and 3	23 inches
1	49121-25688GT	HOSE ASSY 1/4,STR FEM,STR MALE (components: 42768, 48800, 48751 @ 255 inches)	2
2	49119-26078GT	HOSE ASSY,1/4,STR FEM,STR FEM (components: 48800, 48800, 48751 @ 259 inches)	1
3	49119-27478GT	HOSE ASSY,1/4,STR FEM,STR FEM (components: 48800, 48800, 48751 @ 273 inches)	1
4	48907GT	ELBOW,45D,520320-4	2
5	48905GT	CONNECTOR, 520120-4	4
6	48890GT	FITTING,TEE,BRANCH,520429-4***	2


LEGEND
FITTING
HOSE ASSEMBLY
CONNECTOR
PLATFORM ROTATOR
8 PR2
8 PR1
1
2
9
JIB CYLINDER
9
3
3
9 PR2
9 J2
V2 9
JIB SELECT MANIFOLD
9 J1
V1 10
PR1 10
5
5
9 PR1
9 PR2
FUNCTION MANIFOLD
PL1 9
PL2 9
9
SLAVE CYLINDER
9
4
4
6
7
11
MASTER CYLINDER
11

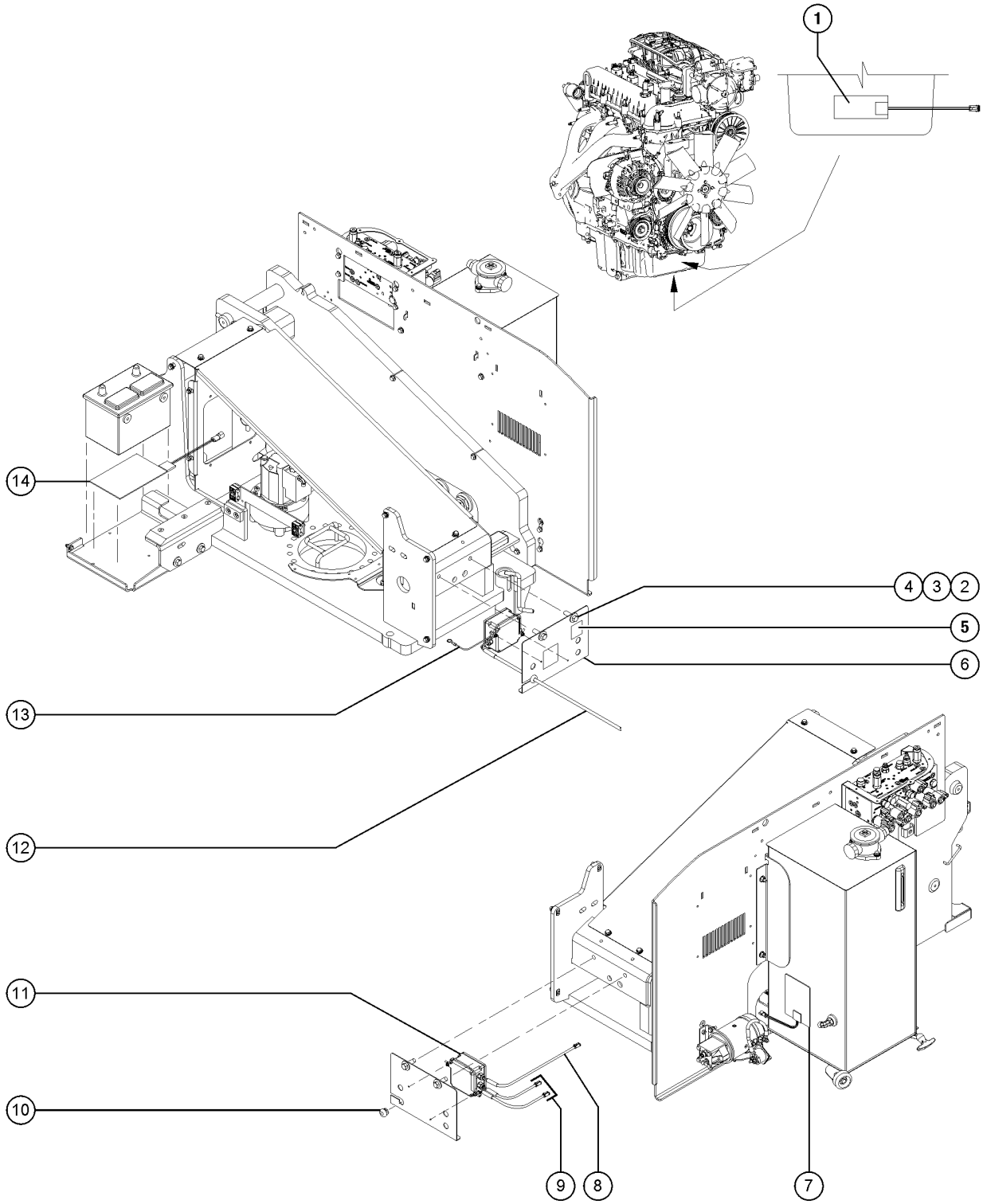
Item	Part No.	Description	Qty.
A-	28678GT	SLEEVE,NYLON,2"I.D.,BULK(100') for item 4	23 inches
B-	48767GT	SLEEVE,NYLON,1.42 ID for item 6 and 7	7 inches
1	49119-2374GT	ASSY, HOSE, HYD, -4, 3250, STR, STR	1
2	49119-2224GT	ASSY, HOSE, HYD, -4, 3250, STR, STR	1
3	49119-4178GT	HOSE ASSY,1/4,STR FEM,STR FEM (components: 48800, 48800, 48751 @ 40 inches)	2
4	49121-2088GT	HOSE ASSY 1/4,STR FEM,STR MALE (components: 42768, 48800, 48751 @ 19 inches)	2
5	49121-27788GT	HOSE ASSY 1/4,STR FEM,STR MALE (components: 42768, 48800, 48751 @ 276 inches)	2
6	49119-21878GT	HOSE ASSY,1/4,STR FEM,STR FEM (components: 48800, 48800, 48751 @ 217 inches)	1
7	49119-20578GT	HOSE ASSY,1/4,STR FEM,STR FEM (components: 48800, 48800, 48751 @ 204 inches)	1
8	48907GT	ELBOW,45D,520320-4	2
9	48905GT	CONNECTOR, 520120-4	8
10	48904GT	ELBOW, 90D, 520220-4	2
11	48890GT	FITTING,TEE,BRANCH,520429-4***	2

901.1 Operator Protective Structure



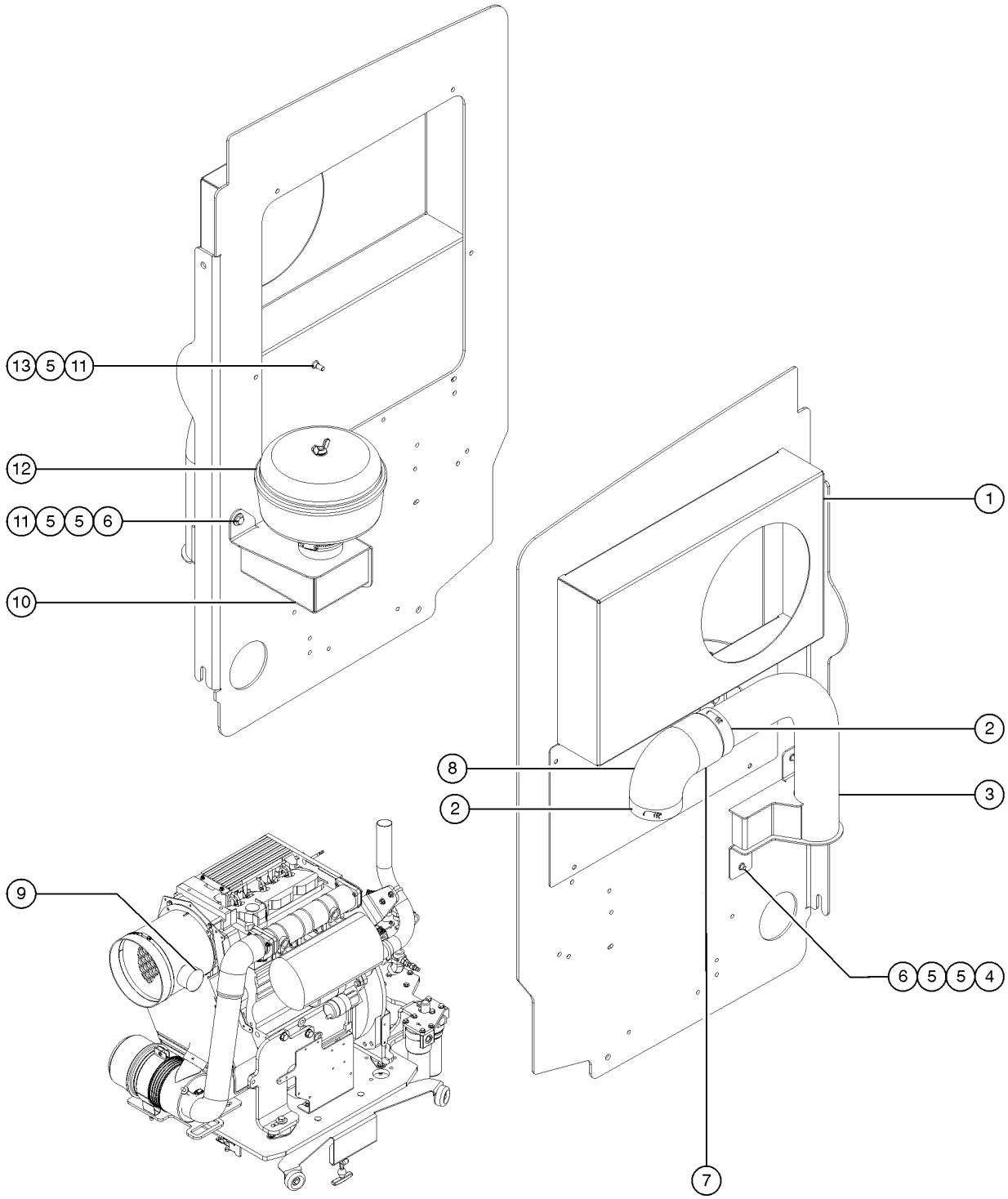
Item	Part No.	Description	Qty.
		Fits all 6' and 8' Booms	
1	219158GT	ACCESSORY,OPERATOR PROT STRUCT (Complete) includes all fasteners	1
2	1256468GT	NUT,3/8-16,8,ZAG	8
3	1255758GT	WASHER,FLAT,3/8,USS,ZAG	12
4	824069GT	SCREW, HHC, 3/8-16 X 2.5, 8, ZAG	4
5	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	4
6	1261184GT	NUT,1/4-20,8,ZAG	4
7	824120GT	WASHER, FLAT, .375 X 1.50 X .125, ZAG Use only with the platform control box cover option	2
8	824113GT	WASHER,FLAT,USS,1/4,ZAG	6
9	824060GT	SCREW, HHC, 1/4-20 X 1, 8, ZAG	4
10		Ref. DECAL, INSTRUCTION, OPS refer to section 103.1	1

902.1 Cold Weather Package



Item	Part No.	Description	Qty.
1A	216615GT	ASSY HEATER, MODEL 18, 120V 120V	1
1B	216616GT	ASSY HEATER,MODEL 18,240V 240V	
2	22788GT	SCREW,HHC,1/2-13 X 1.75	2
3	6095GT	WASHER,FLAT,USS,1/2",Y	4
4	6198GT	NUT, NYLOCK, 1/2-13	2
5		REF: DECAL,POWER TO PLATFORM (section 100)	
6	219241GT	FORMING,MOUNTING BRACKET	1
7A	216612GT	ASSY,120V HEATER, HYD TANK 120V	1
7B	216611GT	ASSY,240V HEATER, HYD TANK 240V	
8A	161029GT	HARNESS,BATTERY HEATER 120V 120V	1
8B	161031GT	HARNESS,BATTERY HEATER 240V 240V	
9A	161028GT	HARNESS,ENG/HYD HEATER 120V 120V	1
9B	161030GT	HARNESS,ENG/HYD HEATER 240V 240V	
10A	128118GT	BUSHING,STRAIN RELIEF,.875/.40 120V	1
10B	139318GT	BUSHING,STRAIN RELIEF,.875/.30 240V	
11A	214249GT	COLD WEATHER 120V J BOX ASSY 120V	1
11B	237711GT	COLD WEATHER 240V J BOX ASSY 240V	
12A	216645GT	HARNESS, 120V POWER CORD, 12" 120V	1
12B	216646GT	HARNESS, 240V POWER CORD, 12" 240V	
13	161456GT	ASSY,COLD WEATHER GROUND	1
14A	216617GT	ASSY, BATTERY HEATER, 120V 120V	1
14B	216618GT	ASSY BATTERY HEATER,240V 240V	

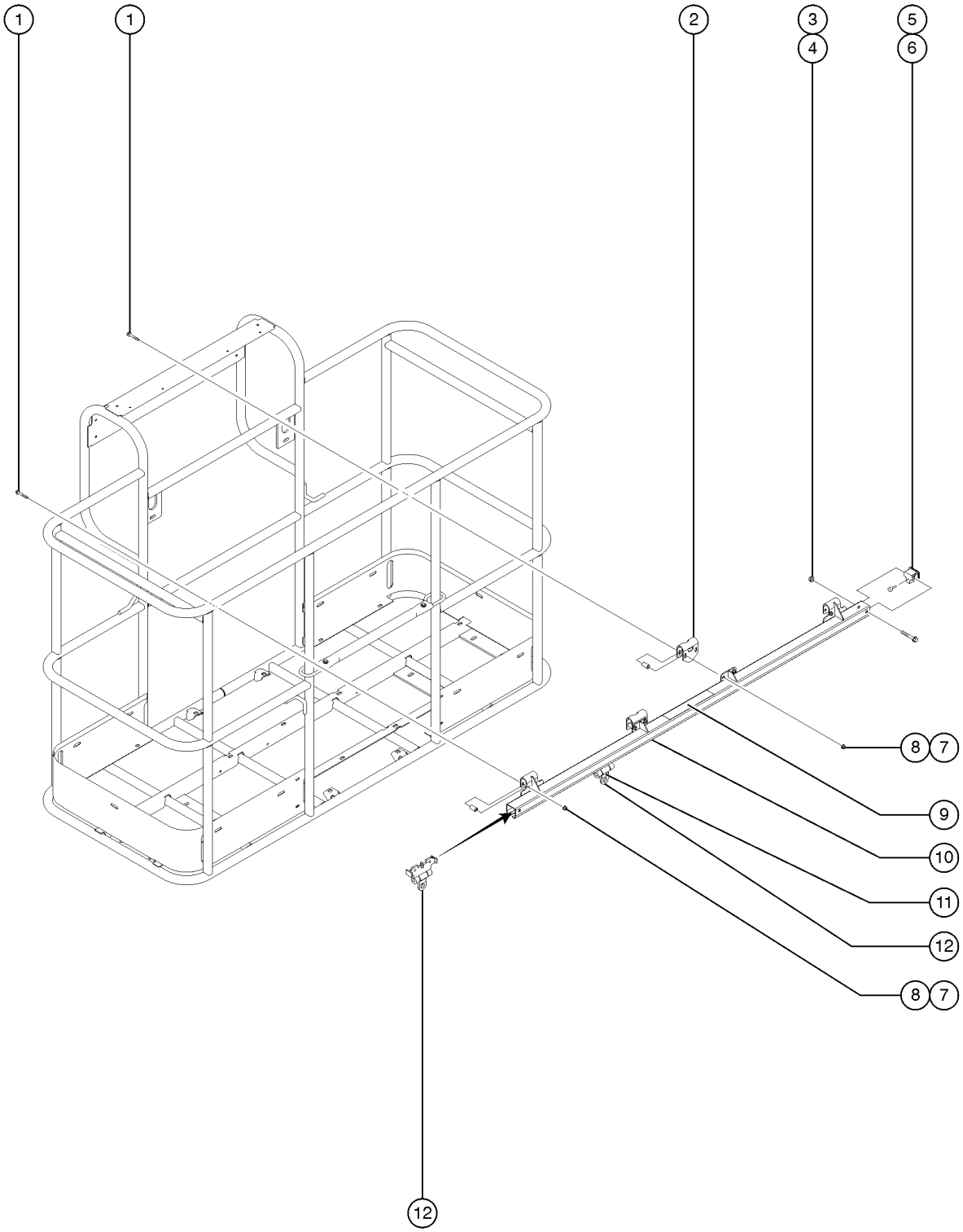
903.1 Hostile Environment Package - Engine Air Pre-cleaner (Deutz D2011L03)



903.1 Hostile Environment Package - Engine Air Pre-cleaner (Deutz D2011L03)

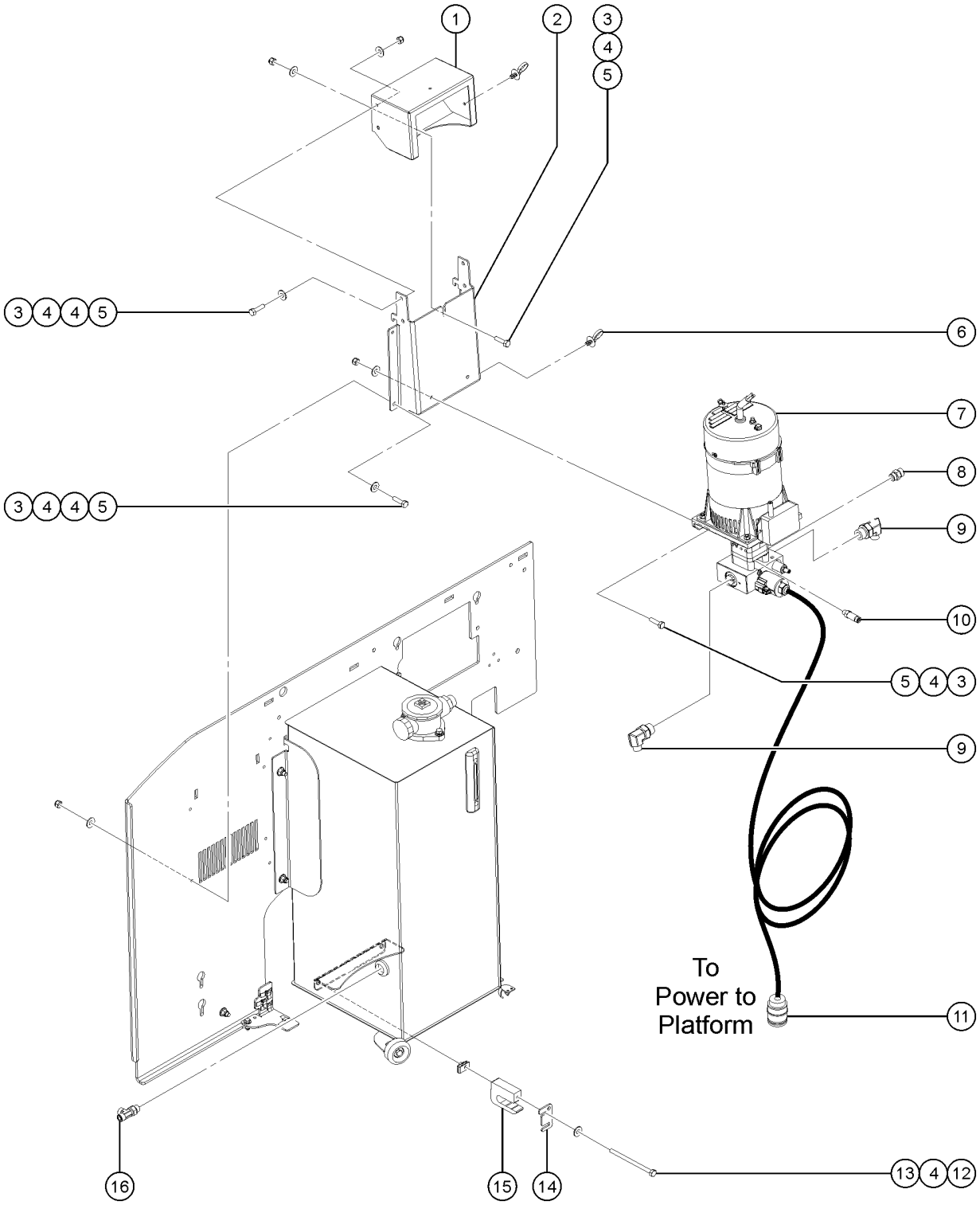
Item	*Part No.*	*Description*	*Qty.*
1	235645GT	FORM,DEUTZ AIR INTAKE BAFFLE	1
2	45435GT	CLAMP,HOSE,2.50"	2
3	161448GT	WELDMENT, AIR INTAKE, DEUTZ	1
4	6090GT	SCREW, HHC, 1/4-20 X .75	
5	6638GT	WASHER, FLAT, USS, 1/4"Y	
6	6091GT	NUT,NYLOCK,1/4-20	
7	70488GT	REDUCER,RUBBER 2.5 - 2	1
8	34163GT	ELBOW,90 DEGR,RUBBER,MODIFIED*	1
9	70529GT	CAP,PLASTIC,2.5 ID	1
10	219841GT	WELDMENT, PRECLEANER MOUNT	1
11	6888GT	SCREW, HHC, 1/4-20 X 1	
12	34959GT	PRECLEANER,AIR INTAKE***	
13	45435GT	CLAMP,HOSE,2.50"	

904.1 Fall Arrest Bar



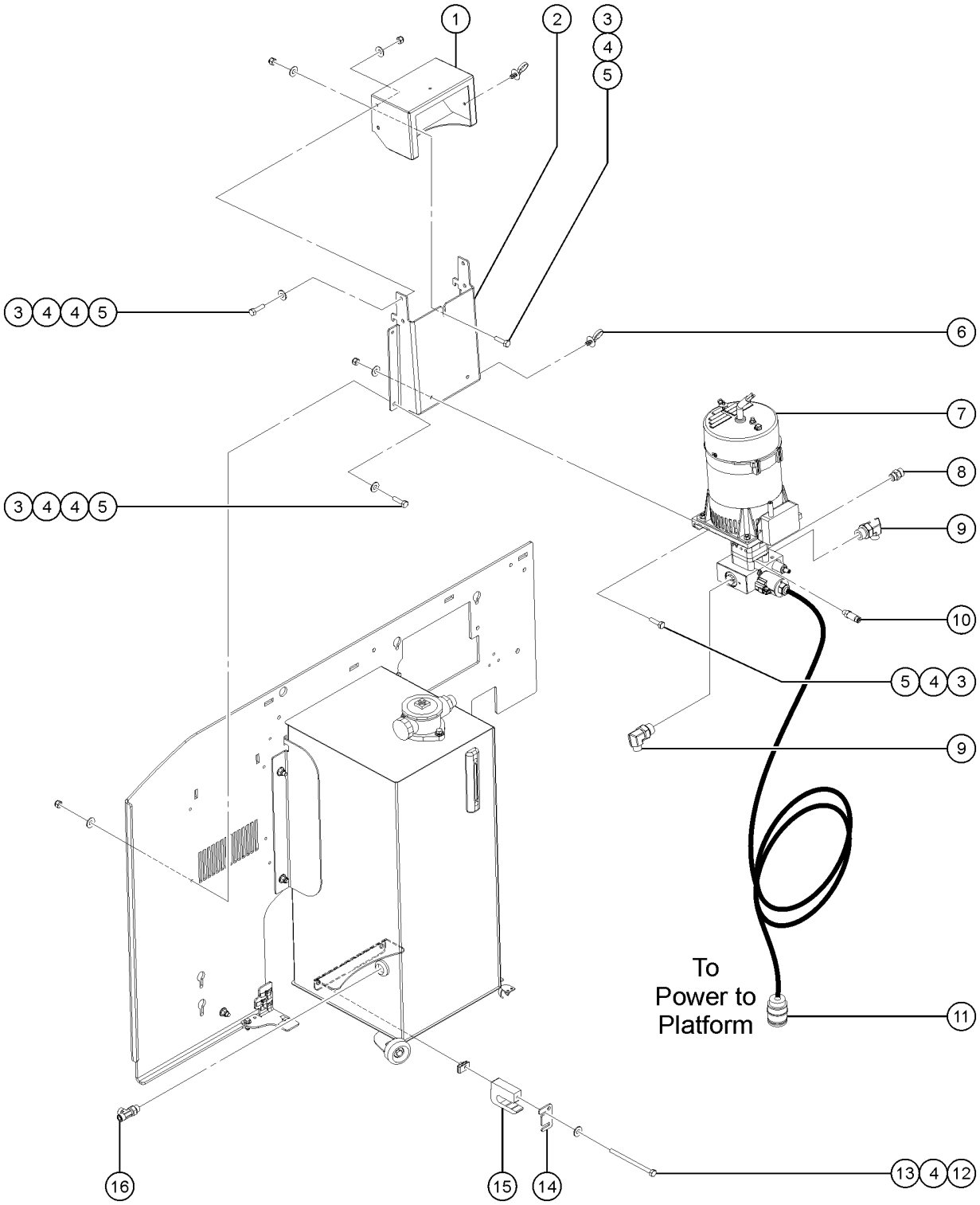
Item	Part No.	Description	Qty.
1	1256856GT	SCREW,HHF,3/8-16X2.5,8,ZAG	4
2	1256389GT	FORMING,INNER HANGER	2
3	1251997GT	NUT,TL FLG,1/2-13,G,ZAG	2
4	1256851GT	SCREW,HHF,1/2-13X3.5,8,ZAG	2
5	1260892GT	END STOP. TFAAS TRACK	2
6	36388GT	BUMPER,RUBBER,.75 X .50H,STUD	2
7	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG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

905.1 Hydraulic Generator



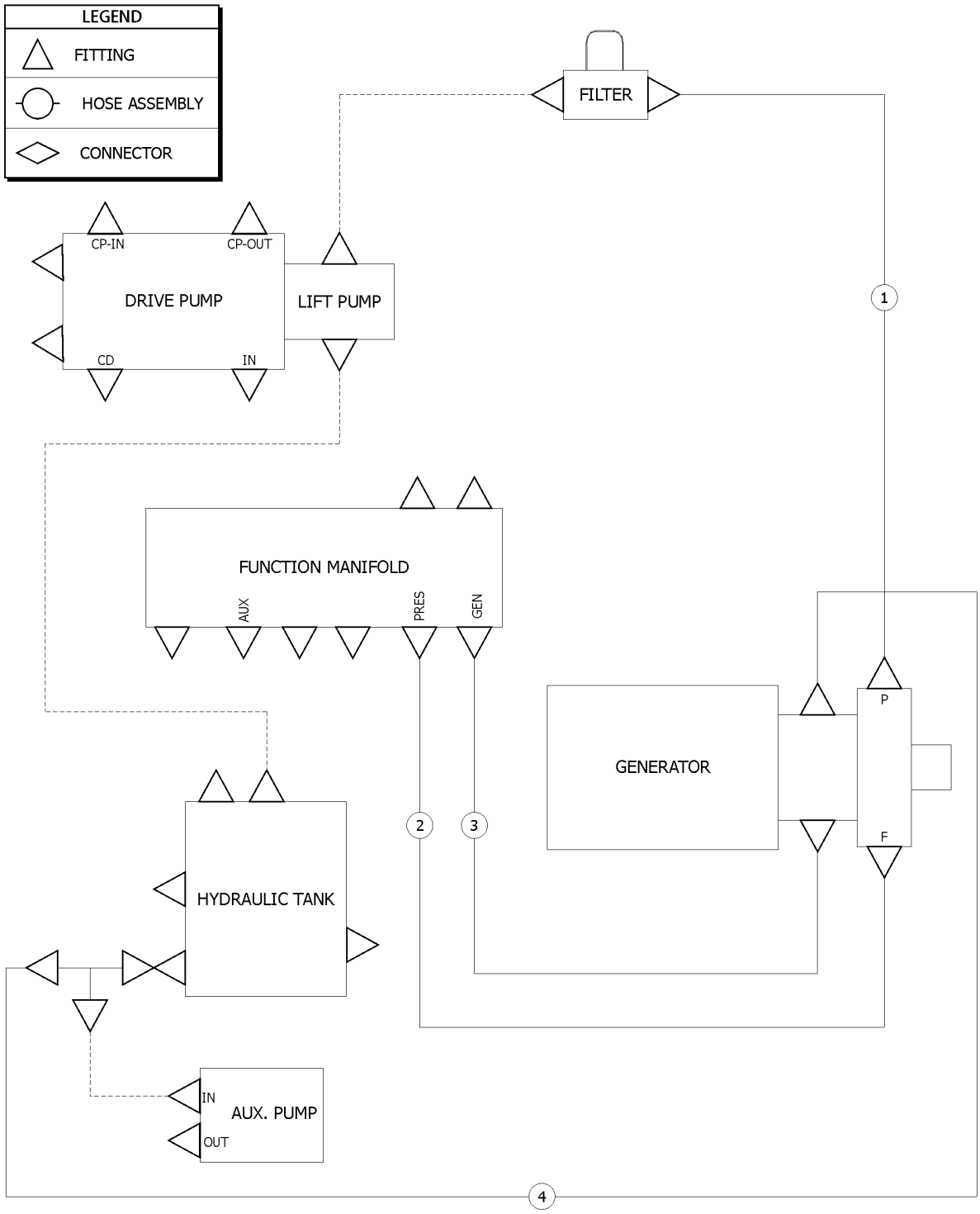
Item	Part No.	Description	Qty.
1	160358GT	COVER,GENERATOR	1
2	231570GT	FORMING,GENERATOR MOUNT	1
3	6888GT	SCREW, HHC, 1/4-20 X 1	
4	6638GT	WASHER, FLAT, USS, 1/4"Y	
5	6091GT	NUT,NYLOCK,1/4-20	
6	110149GT	CABLE TIE,DFT MOUNT,BLK,6.5"	6
7A	147265GT	GENERATOR, 2kW, 120V/60Hz 120V/60Hz	1
7A-	1269694GT	CONTROL BOX,2KW,120/240V,60HZ for 147265	
7A-	147280GT	BREAKER, 20AMP CIRCUIT, GEN for 147265	
7A-	1285230GT	CAPACITOR 12.5µF, GEN for 147265	
7A-	119067GT	CONN, RECEP, 4 WAY, DEUTSCH, DT, ENDCAP for 147265	
7A-	64260GT	TERM,NI PIN,16-18 BULK for 147265	A
7A-	60443GT	LOCK, RECEP 4WAY, 14-18GA for 147265	
7A-	147229GT	MANIFOLD ASSEMBLY, GEN for 147265	
7A-	1259443GT	12VDC PROPORTIONAL VALVE, PV70 for 147265	
7A-	147275GT	VALVE, RELIEF, GEN, 2.2kW for 147265	
7A-	147274GT	204 HYD MOTOR, GEN for 147265	
7A-	147231GT	SEAL KIT, HYD MOTOR, GEN for 147265	
7A-	147277GT	GENERATOR, 120VAC 60Hz 2200W for 147265	
7A-	147241GT	COVER, END, GEN, 120V for 147265	
7A-	147242GT	SCREW, GEN ROTOR for 147265	
7B	147266GT	GENERATOR, 2kW, 240V/50Hz 240V/50Hz	1
7B-	1269693GT	CONTROL BOX,2KW,120/240V,50HZ for 147266	
7B-	1255646GT	MANIFOLD ASSEMBLY, GEN 2.2KW for 147266	
7B-	147274GT	204 HYD MOTOR, GEN for 147266	
7B-	147231GT	SEAL KIT, HYD MOTOR, GEN for 147266	
7B-	147275GT	VALVE, RELIEF, GEN, 2.2kW for 147266	
7B-	147278GT	GENERATOR, 240VAC 50Hz 2200W for 147266	

905.1 Hydraulic Generator



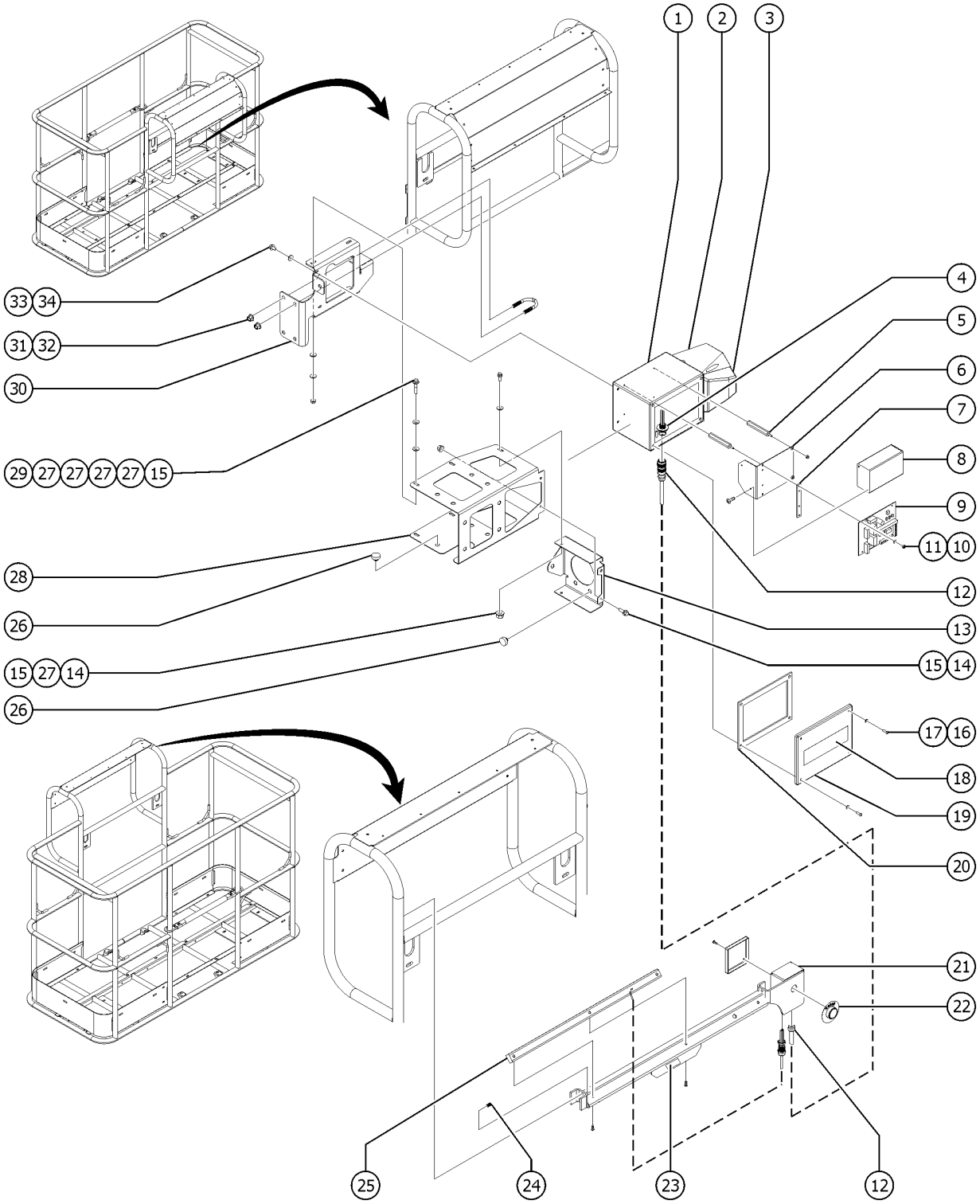
Item	Part No.	Description	Qty.
7B-	147281GT	BREAKER, 10AMP CIRCUIT, GEN for 147266	
7B-	1285230GT	CAPACITOR 12.5µF, GEN for 147266	
7B-	147262GT	COVER, END, GENERATOR, 240V for 147266	
7B-	147242GT	SCREW, GEN ROTOR for 147266	
7B-	119067GT	CONN, RECEP, 4 WAY, DEUTSCH, DT, ENDCAP for 147266	
7B-	64260GT	TERM,NI PIN,16-18 BULK for 147266	A
7B-	60443GT	LOCK, RECEP 4WAY, 14-18GA for 147266	
7B-	1259443GT	12VDC PROPORTIONAL VALVE, PV70 for 147266	
8	48933GT	CONN,520120-8***	2
9	48947GT	ELBOW,90D,520220-8-12	2
10	49861GT	CONN,LONG,520122-4	1
11	119404GT	CONN,RECEP 120AC/15A DOMESTIC	1
12	11413GT	SCREW,HHC,1/4-20 X 4	
13	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	2
14	160356GT	PLATE,CLAMP,HYD HOSE	2
15	160355GT	CLAMP,PLASTIC,HYD HOSE	2
16	48935GT	TEE,RUN, 520428-8	1

906.1 Hydraulic Hoses and Fittings - Generator Option



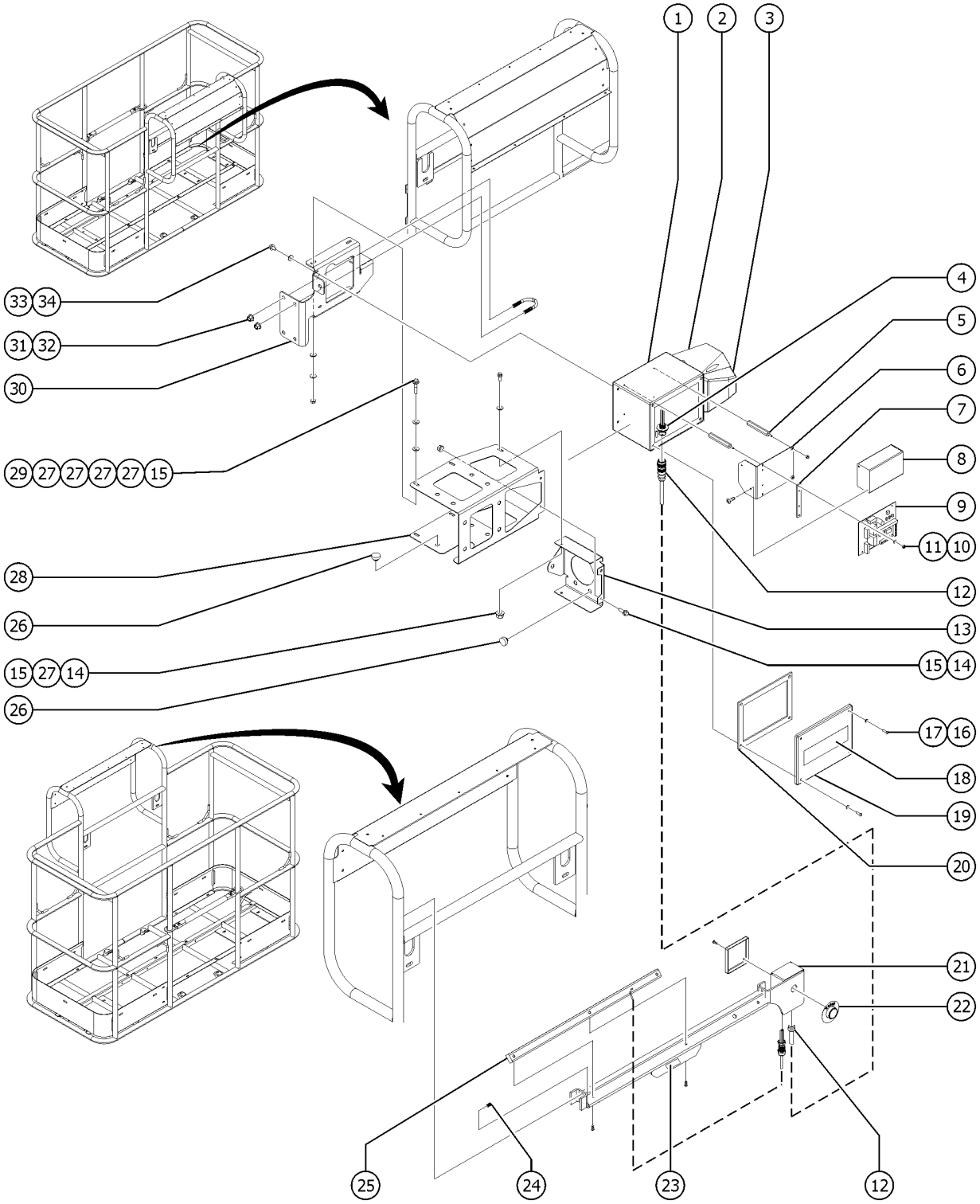
Item	Part No.	Description	Qty.
1	61143-8863GT	HOSE ASSY, 1/2, 45 FEM,STR FEM (components: 48822, 48826, 56777 @ 86 inches)	1
2	81812-6617GT	HOSE ASSY,1/2,STR FEM,STR FEM (components: 48822, 48822, 56777 @ 66 inches)	1
3	49143-6254GT	HOSE ASSY,1/2,90 FEM,STR FEM (components: 48822, 48827, 48756 @ 60 inches)	1
4	1290338-1594GT	ASSY, HOSE, HYD, -4, 3250, STR, STR	1

907.1 Operators Protection Alarm



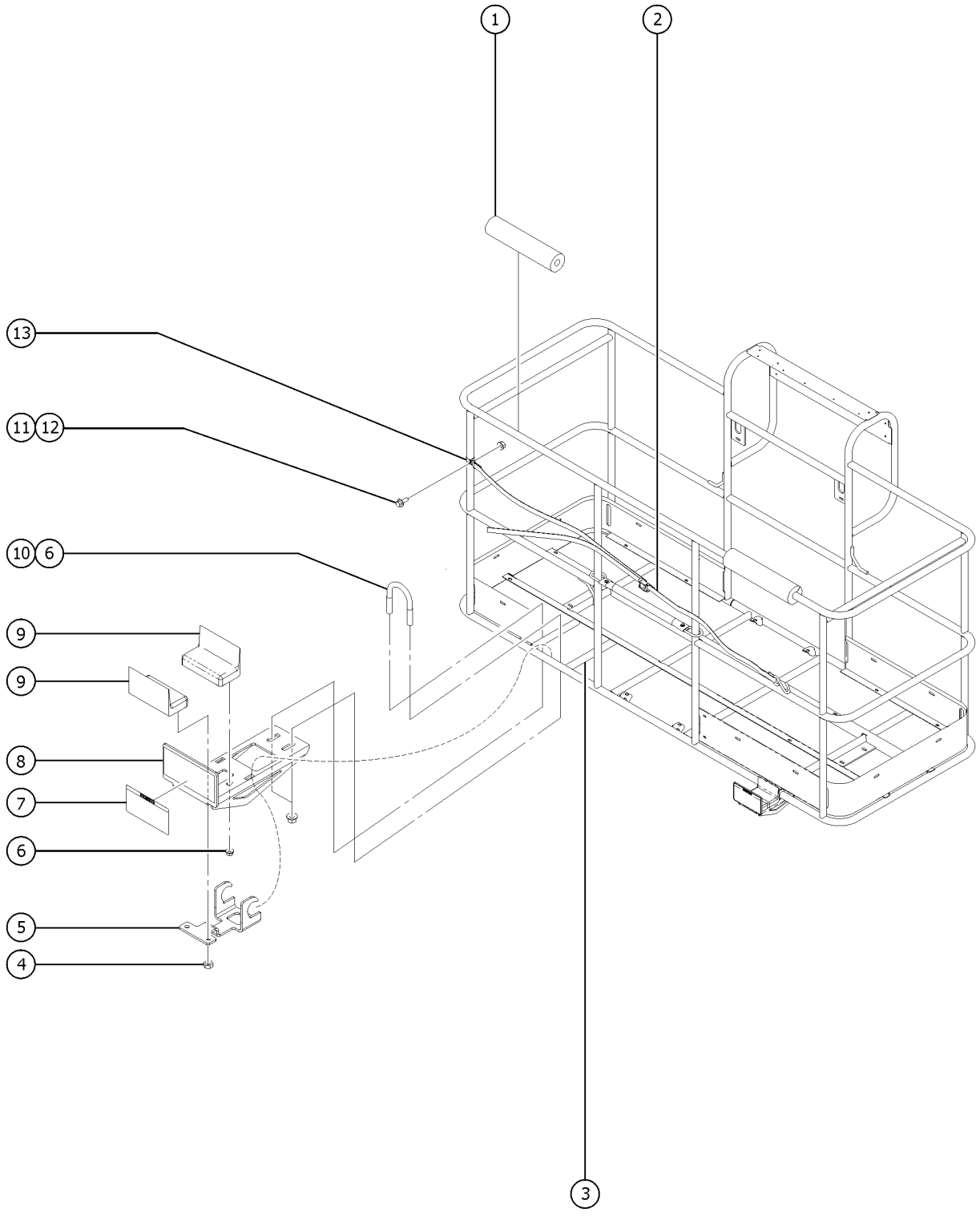
Item	Part No.	Description	Qty.
A-	1271945GT	KIT, OPA WELDER BRACKET	1
B	1275537GT	ASSEMBLY, OPA PROTECTION CAGE	1
1	1255018GT	BASE ENCLOSURE,RED,OPA	1
2		SOUNDER,MIDI,OPA No longer available	1
3A		SOUNDER LENS, OPA, BLUE (standard lens fitted to OPA)No longer available (contact customer service)	1
3B		SOUNDER LENS, OPA, RED No longer available (contact customer service)	1
4		HARN,PIGTAIL,TAPESWITCH,OPA No longer available (contact customer service)	1
5		STAND OFF,CONTROL UNIT No longer available (contact customer service)	4
6		BRACKET,CONTROL UNIT No longer available (contact customer service)	1
7		SPACER,HEAT SINK No longer available (contact customer service)	1
8		ASSY,MODULE,CONTROL UNIT,OPA No longer available (contact customer service)	1
9		MODULE,CONTROL UNIT,PCB,OPA No longer available (contact customer service)	1
10		NUT,M4 NYLOCK No longer available	4
11		WASHER,M4 NYLON No longer available	4
12		ASSEMBLY,CABLE,TAPESWITCH No longer available (contact customer service)	1
13	1275539GT	FORMING, OPA CAP	1
14	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	5
15	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	9
16		SCREW,M5X16 BHD No longer available	4
17	1255027GT	WASHER,M5 NYLON	4
18	1255890GT	DECAL,COSMETIC,GENIE	1
19		LID ENCLOSURE,RED,OPA No longer available	1
20		GASKET,ENCLOSURE No longer available	1
21		ASSEMBLY,TAPESWITCH (6'/8' platforms) (includes j-box and fasteners)No longer available (contact customer service)	1
22	1255036GT	ASSEMBLY RESET SWITCH	1
23	1255889GT	DECAL,SYMBOL-READ THE MANUAL	1
24		SCREW,M6X8 No longer available	2
25		SENSOR,RUBBER EDGE (6'/8' platforms)No longer available (contact customer service)	1

907.1 Operators Protection Alarm



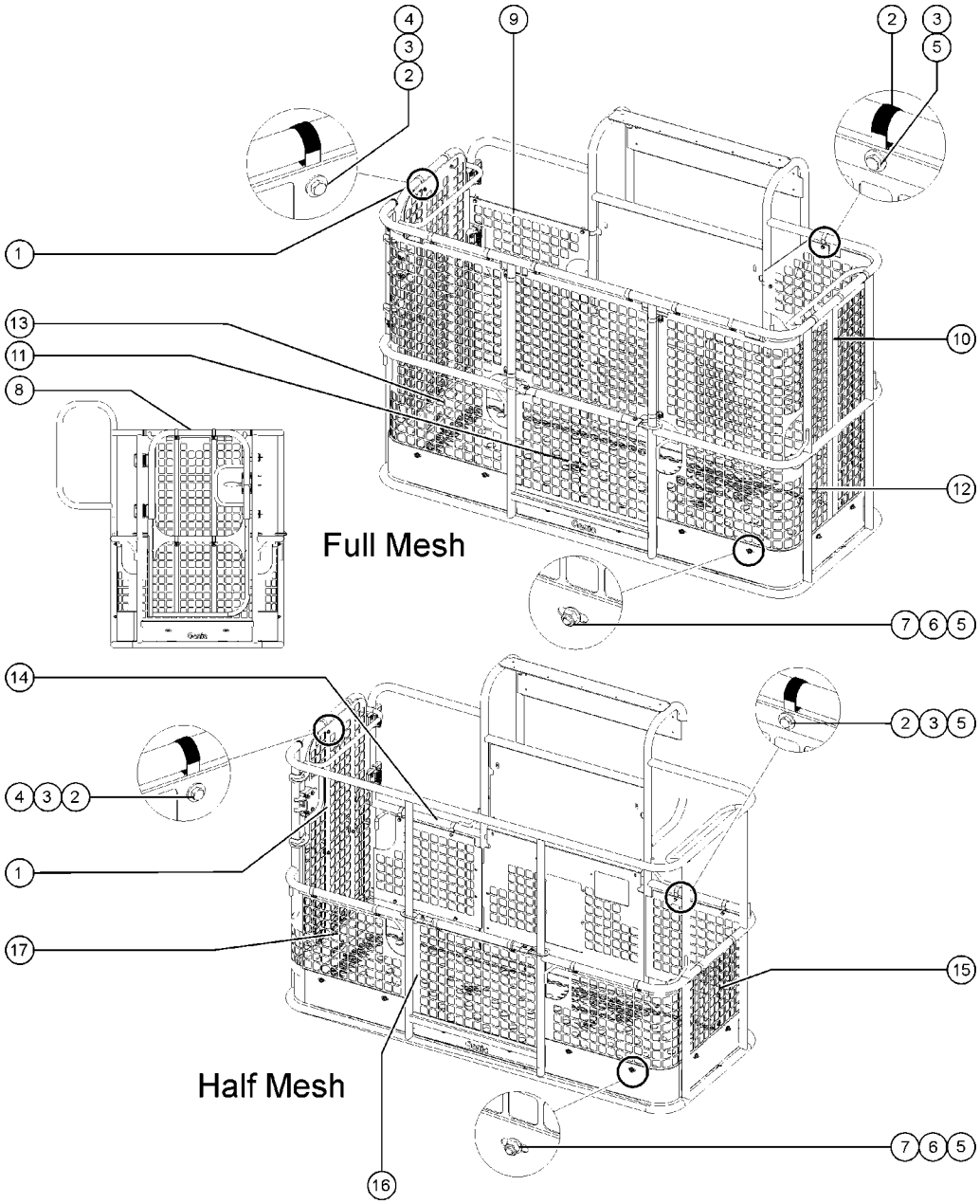
Item	Part No.	Description	Qty.
26	43392GT	BUMPER,BATTERY BOX & RAILS	17
27	824113GT	WASHER,FLAT,USS,1/4,ZAG	19
28	1275538GT	FORMING, OPA CAGE	1
29	824080GT	SCREW, HHF, 1/4-20 X 1.25, 8, ZAG	4
30	1275540GT	FORMING, OPA, BRACKET	1
31	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	4
32	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	2
33	237238GT	SCREW,HHF,M6-1.0X12,DIN6921,10	2
34	1257389GT	WASHER, FLAT, M6X18X1.6,DIN9021,ZAB	2

908.1 Panel Cradle Option



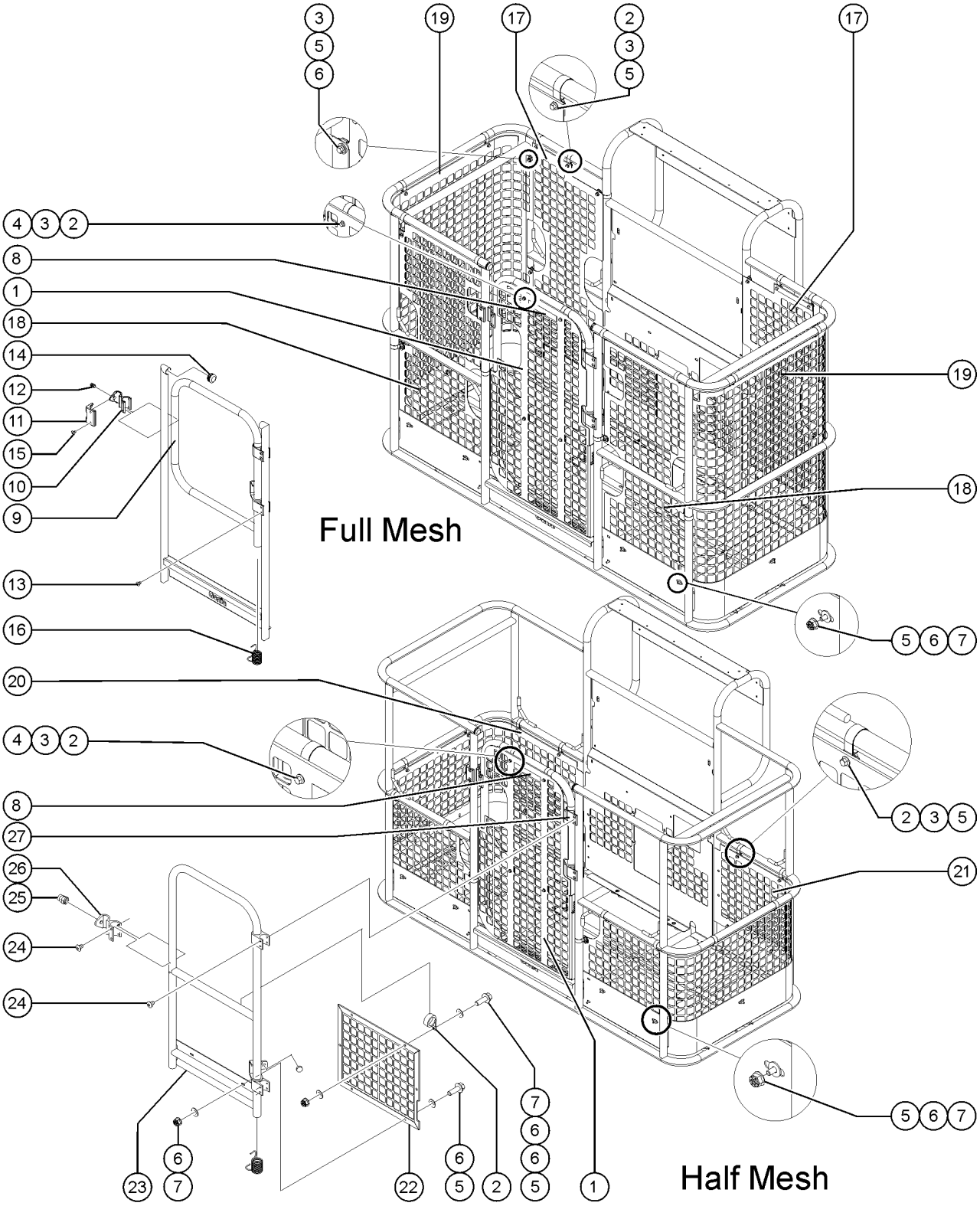
908.1 Panel Cradle Option

Item	Part No.	Description	Qty.
A-	77683GT	ACCESSORY,PANEL CRADLE,ANSI (ANSI/CSA models)	
B-	94493-SGT	KIT,PANEL CRADLE,CE (CE/AUS models)	
1	88377-1400GT	FOAM PAD***	2
2	77664GT	ADJUSTABLE STRAP ASSY	1
3	73463-1175GT	TUBE, RD, ALUM, 1.25 X .083 X 11.75	2
4	824038GT	NUT, TL JAM, 3/8-16, A, ZAG	4
5	228849GT	FORMING,SECONDARY SUPPORT	2
6	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	8
7A	82410GT	DECAL,WARNING,PANEL CRADLE (ANSI/CSA models)	2
7B	82487GT	DECAL,SYMBOL-READ THE MANUAL (CE/AUS models)	2
8	228848GT	FORMING PANEL CRADLE	2
9	56934GT	PAD,REST,1"THICK,FLANGED	4
10	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	2
11	1256855	SCREW,HHF,1/4-20X.625,8,ZAG	1
12	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	1
13	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	1


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Full Mesh
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15
Half Mesh
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16

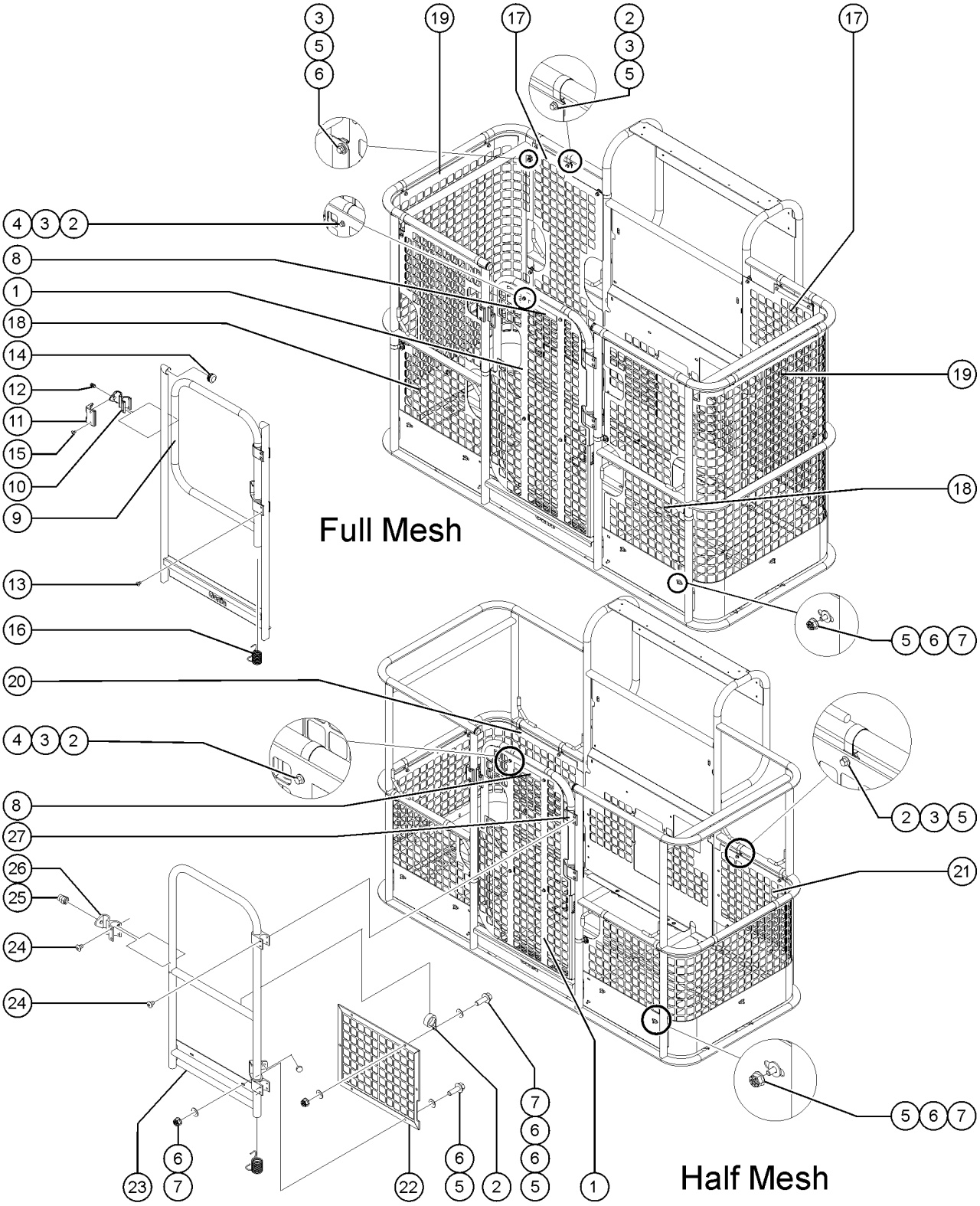
Item	Part No.	Description	Qty.
-	1286622GT	KIT, 6' FULL MESH,SIDE GATE	
-	1275282GT	KIT, 6' HALF MESH,SIDE GATE	
1	1278793GT	WELDMENT,PLATFORM MESH GATE	1
2	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	
3	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
4	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	
5	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	
6	824113GT	WASHER,FLAT,USS,1/4,ZAG	
7	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	
8	1282390GT	LABEL, LIFT GUARD, PLATFORM MESH	1
A		FULL MESH	
9	1282204GT	MESH, 6' FULL,BACK LEFT 6 feet platform	1
10	1282205GT	MESH, 6' FULL,BACK RIGHT 6 feet platform	1
11	1278792GT	MESH, FULL HEIGHT,ENTRY 6 feet platform	1
12	1282206GT	MESH, 6' FULL,FRONT RIGHT 6 feet platform	1
13	1282207GT	MESH, 6' FULL,FRONT LEFT 6 feet platform	1
B		HALF MESH	
14	1270314GT	PANEL, HALF MESH 6 feet platform	1
15	1270313GT	PANEL, HALF MESH 6 feet platform	1
16	1271061GT	PANEL, HALF MESH 6 feet platform	1
17	1270316GT	PANEL, HALF MESH 6 feet platform	1

909.2 Platform Mesh-Front Single Entry



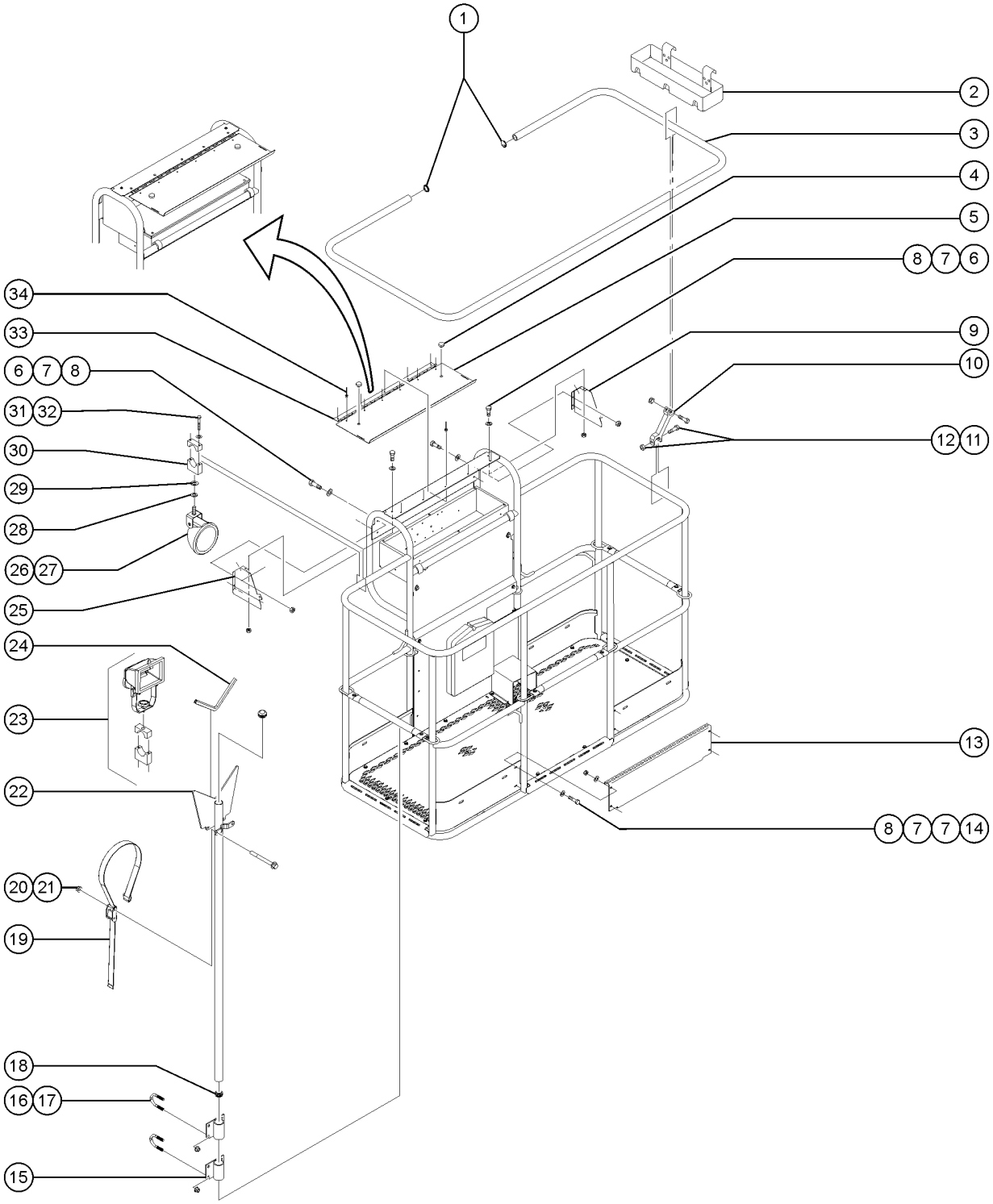
Item	Part No.	Description	Qty.
-	1290895GT	KIT, 6' FULL MESH W/FRONT HALF GATE	
-	1290893GT	KIT, 6' HALF MESH W/FRONT HALF GATE	
-	1290135GT	KIT,HALF FRONT,SWING GATE (Includes items 9-16)	
-	128368GT	KIT,SWING GATE W/SPRING (Includes items 23) (doesn't include 63311, 1487, and 1488)	1
1	1278793GT	WELDMENT,PLATFORM MESH GATE	1
2	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	
3	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
4	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	
5	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	
6	824113GT	WASHER,FLAT,USS,1/4,ZAG	
7	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	
8	1282390GT	LABEL, LIFT GUARD, PLATFORM MESH	1
9	1283880GT	WELDMENT,ALUM HALF GATE	1
10	1487GT	GATE LATCH CASTING--DRILLED	1
11	1488GT	RAILING CATCH CASTING--DRILLED	1
12	33674GT	PIN,LOCK,SHORT***	1
13	43392GT	BUMPER,BATTERY BOX & RAILS	1
14	55753GT	BUMPER, PLASTIC, 1.25 O.D.	3
15	824207GT	RIVET, STL, STL, DOME, 1/4 X .375, ZAG	14
16	42104GT	SPRING,SHORT PLATFORM GATE	1
A		FULL MESH	
17	1291429GT	MESH, FULL 6',BACK PANEL 6 feet platform	2
18	1291430GT	MESH, FULL 6',FRONT PANEL 6 feet platform	2
19	1291428GT	MESH, FULL 6',SIDE PANEL 6 feet platform	2
B		HALF MESH	
20	101852GT	MESH,HALF,LH 5' PLATFORM 5 feet platform	
21	101853GT	MESH,HALF,RH 5' PLATFORM 5 feet platform	
C		FULL GATE	

909.2 Platform Mesh-Front Single Entry



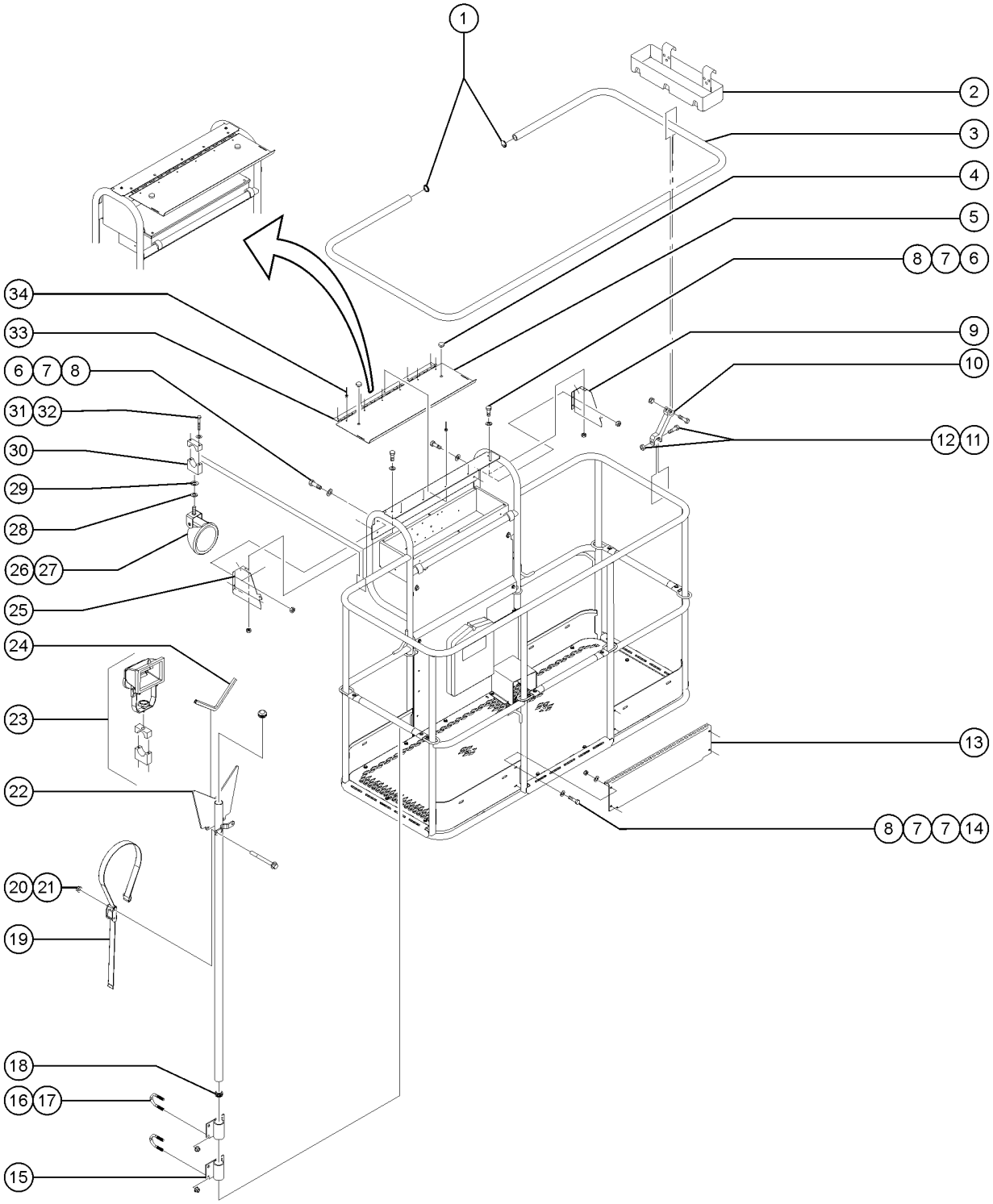
Item	Part No.	Description	Qty.
22	54457GT	MESH,HALF,SWING GATE***	1
23	128374GT	WELDMENT,SWING GATE,ALUMINUM	
23-	42104GT	SPRING,SHORT PLATFORM GATE	
23-	43392GT	BUMPER,BATTERY BOX & RAILS	
24	824207GT	RIVET, STL, STL, DOME, 1/4 X .375, ZAG	
25	63311GT	SNAP PIN	
26	1487GT	GATE LATCH CASTING--DRILLED	
27	1488GT	RAILING CATCH CASTING--DRILLED	

910.1 Platform Options



Item	Part No.	Description	Qty.
--	28323GT	OPTION,PLAT.PINCH GUARD,4 FT.	
--	28322GT	OPTION,PLAT.PINCH GUARD,5 FT.	
--	53157-SGT	PINCH GUARD,6'(1.31")SERVICE**	
--	53808-SGT	AUX TOP RAIL,6'(1.25")SERVICE	
--	T109328GT	ACC,PLAT CONTROL COVER, SERV	
1	55753GT	BUMPER, PLASTIC, 1.25 O.D.	2
2	9599-SGT	TOOL TRAY ACCESSORY***	1
--	7746PGT	TOOL TRAY BRACKET (GRAY)	2
3	28329GT	RAILING,PINCH GAURD,4 FT	1
--	28328GT	RAILING,PINCH GAURD,5 FT.	2
4	34619GT	BUMPER,RUBBER***	1
5	102785PGT	CONTROL BOX COVER,LID,PTD	
6	7339GT	SCREW,HHC,1/4-20 X .5	
7	6638GT	WASHER, FLAT, USS, 1/4"Y	
8	6091GT	NUT,NYLOCK,1/4-20	
9	88606PGT	COVER,CONTROL BOX RIGHT SIDE**	1
10	28807GT	SUPPORT,RAILING	6
11	4266GT	SCREW,HHC,1/4-20 X 2	
12	6889GT	NUT,LP NYLOCK,1/4-20	
13	94745PGT	TOEBOARD,ENTRY EUROPEAN PNTD**	1
14	8914GT	SCREW, HHC, 1/4-20 X .625	
15	81368GT	WELDMENT,PIPE CRADLE MOUNT	4
16	1251600GT	U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG	8
17	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	16
18	55753GT	BUMPER, PLASTIC, 1.25 O.D.	
19	56570GT	STRAP, CONDUIT HOLDER 60"***	2
20	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	4
21	824083GT	SCREW,HHF,1/4-20X2.5,8,ZAG	4

910.1 Platform Options



Item	Part No.	Description	Qty.
22	56525GT	WELDMENT, PIPE CRADLE	2
23	1284764GT	WORKLIGHT,110V,250WATT,HALOGEN	2
24	19018-1100GT	TRIMLOCK,BLACK,5/32"	2
25	102785PGT	CONTROL BOX COVER,LID,PTD	1
--	30468GT	LATCH,SLIDE, FLUSH MOUNT STYLE (not included - sold seperately)	2
26	107858GT	WORKLIGHT,48 VOLT	2
27	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
28	6886GT	WASHER,LOCK,.313	
29	5397GT	WASHER, FLAT, USS, 5/16-18	
30	35956GT	WORK LIGHT MOUNTING BRACKET	2
31	6145GT	SCREW, HHC, 1/4-20 X 1.5	
32	6356GT	WASHER, LOCK, .25	
33	111526GT	HINGE,PLAT CONTROL BOX COVER	1
34	54486GT	RIVET,ALUM,ALUM,3/16BUTTONHEAD	

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Notes

California Proposition 65

WARNING

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

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

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

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

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