Genie®
A TEREX BRAND

Parts Manual

Serial Number Range

Z-45/25
Z-45/25J
DC and
Bi-Energy

from SN 9996 to 26999

Part No. 52853GT
Rev: E.05
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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Second Edition, Fifth Printing

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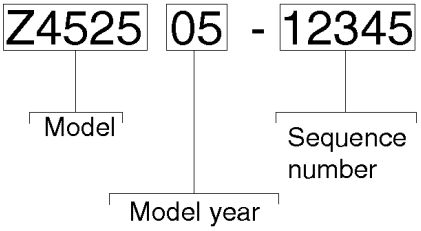
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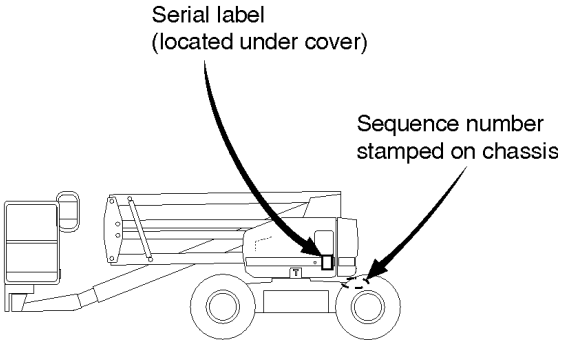
A TEREX BRAND

Model: Z-45/25
Serial number: Z452505-12345
Model year: 2005 **Manufacture date:** 04/12/05
Electrical schematic number: ES0274
Machine unladen weight:

Rated work load (including occupants): 500 lb / 227 kg
Maximum number of platfrm occupants: 2
Maximum allowable side force : 150 lb / 670 N
Maximum allowable inclination of the chassis:
0 deg
Maximum wind speed : 28 mph/ 12.5 m/s
Maximum platform height : 45 ft 6 in/ 13.8 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 DC and Bi-Energy Service Manual.

Part No.	Description
62087	Filter Element, 10 Micron
22106	Engine Oil Filter
52877	Fuel Filter Element
52867	Air Cleaner Element
52816	V-Belt
60112	Belt - Alternator
36555	Safety Chock

Recommended Parts

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

Recommended Parts

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

Manuals

Genie Industries offers the following support documents for these models:

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

TEREX CORPORATION

Service Parts Fax Order Form

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

Please fill out completely

Date _____ Account Number _____

Your Name _____ Your Fax Number _____

_____ Your Phone Number _____

Bill To _____ Ship To _____

_____ _____

_____ _____

_____ _____

Purchase Order Number _____ Ship Via _____

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

Optional Equipment _____

Part Number	Description	Quantity	Price

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

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

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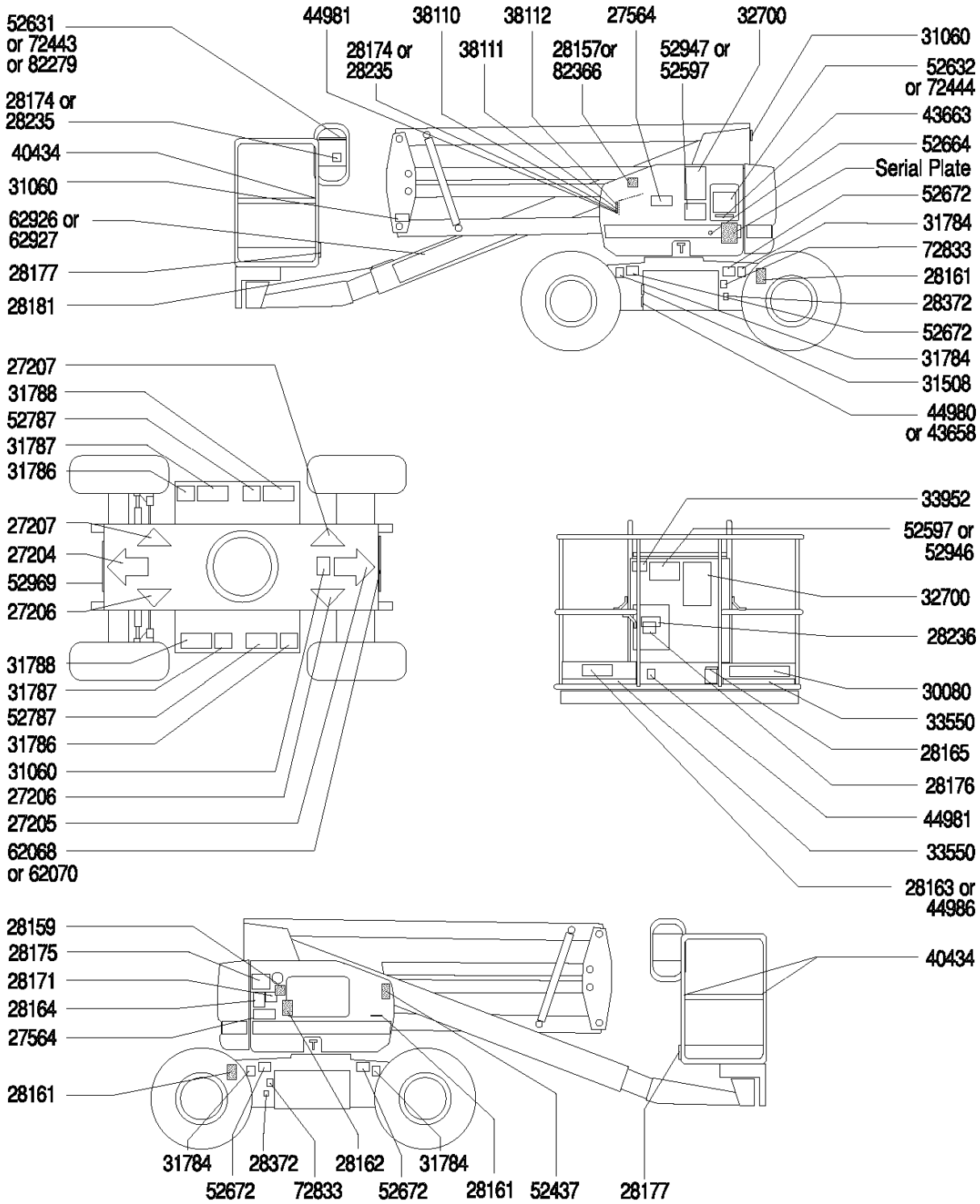
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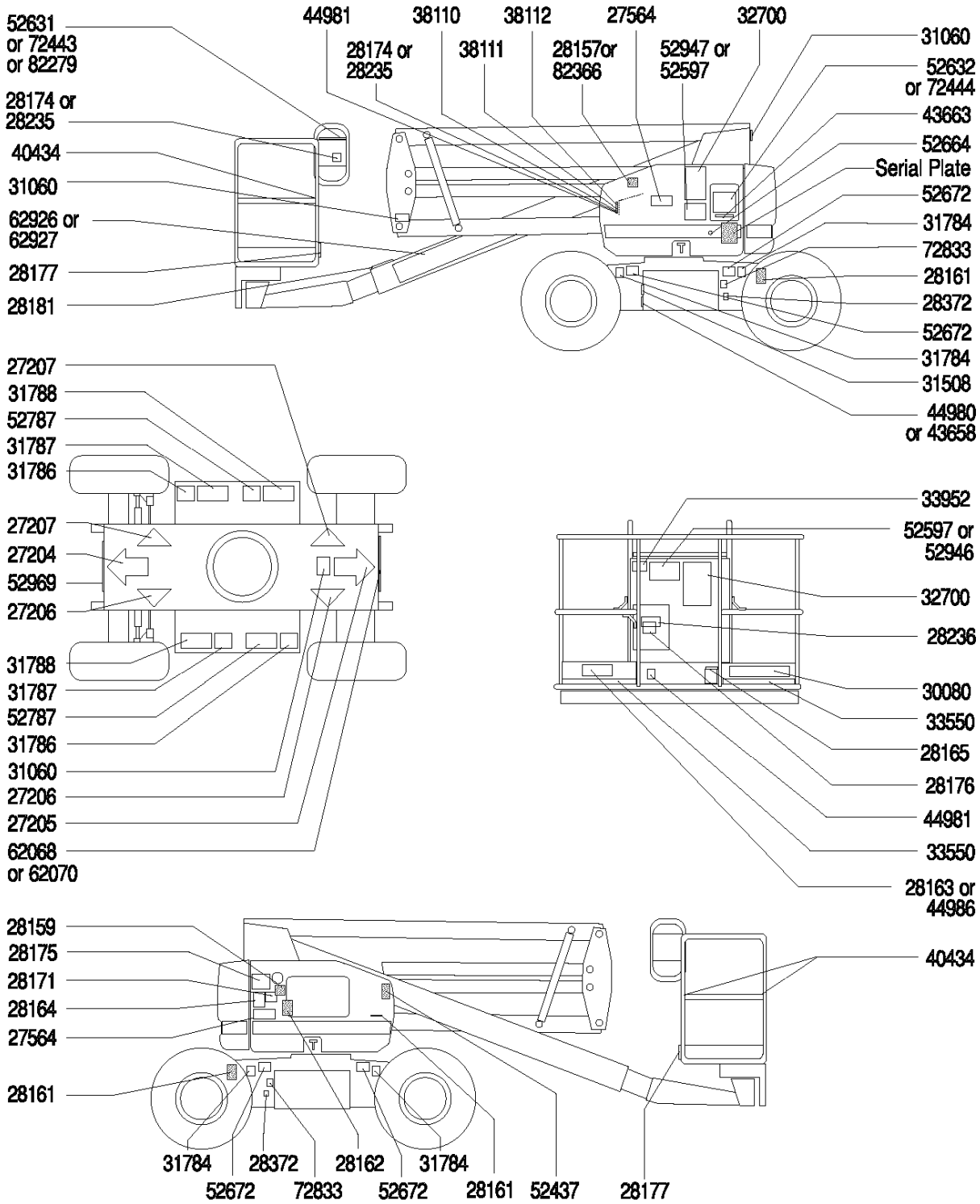
101.1 Decals (to SN 22050), Z-45/25



101.1 Decals (to SN 22050), Z-45/25

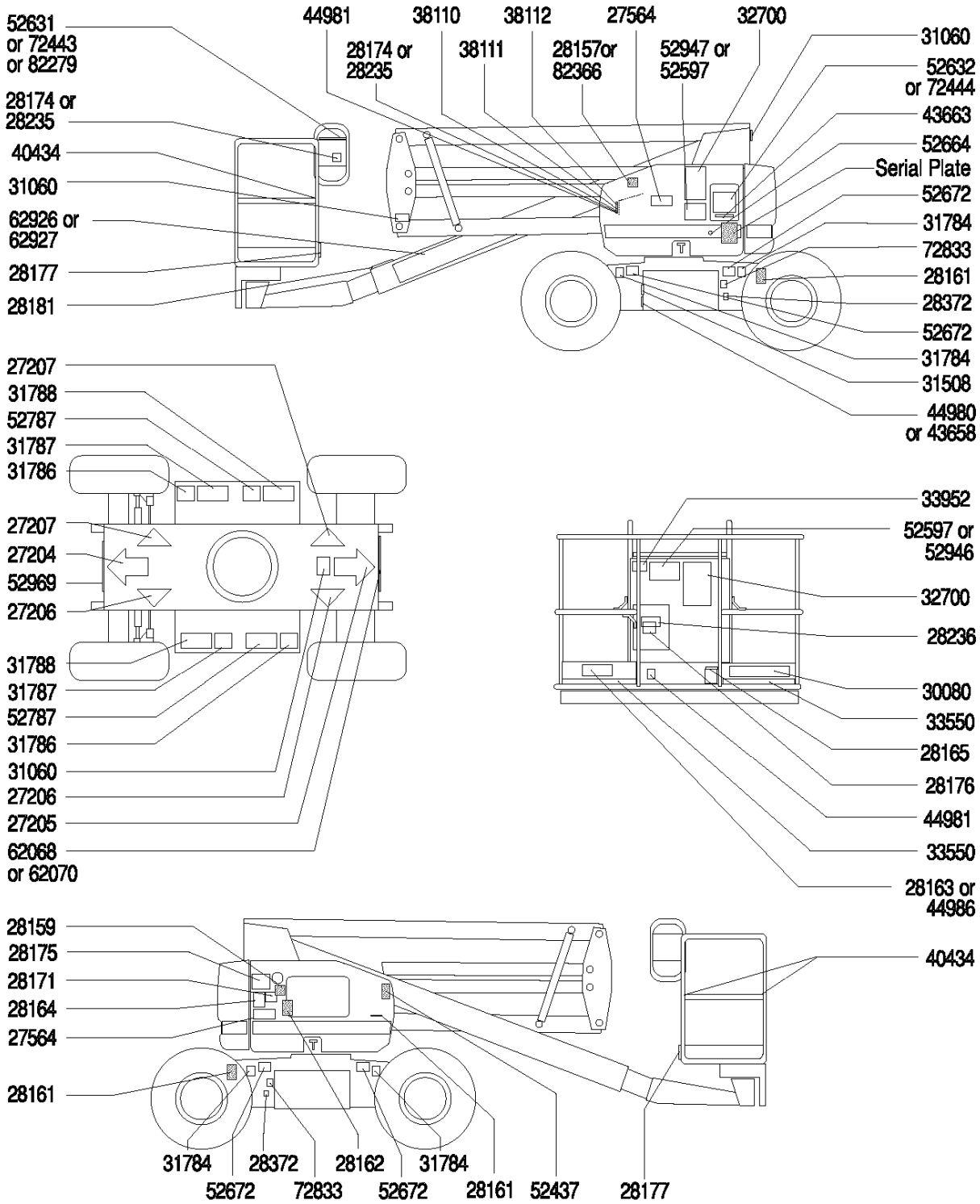
Item	Part No.	Description	Qty.
A	822005GT	DECAL KIT,Z45 PLAT,WORD,ANSI	
B	822038GT	DECAL KIT,Z45 PLAT,WORD,AUS	
1	27204GT	DECAL,ARROW BLUE	1
2	27205GT	DECAL,ARROW YELLOW LRG 9"	1
3	27206GT	DECAL,TRIANGLE,BLUE	2
4	27207GT	DECAL,TRIANGLE,YELLOW	2
5	27564GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	2
6	28157GT	DECAL,USE DEXRON*** to SN 20925	1
6-	82366GT	DECAL,CHEVRON RANDO HD from SN 20926	1
7	28159GT	DECAL,DIESEL	1
8	28161GT	DECAL,WARN,CRUSH HAZARD HAND	3
9	28162GT	DECAL,WARNING,CRUSHING	1
10	97887GT	DECAL,INSTR,MAX SIDE FRC,ANSI	1
11	28164GT	DECAL,NOTICE,HAZARDOUS MAT'LS*	1
12	28165GT	DECAL,INSTRUCT,FOOTSWITCH OPER	1
13	28171GT	DECAL,DANGER,NO SMOKING ***	1
14	28174GT	DECAL,POWER TO PLATFORM 230V	2
15	28175GT	DECAL,WARNING-COMPART ACCESS	1
16	28176GT	DECAL,LABEL,MANUAL NOT HERE	1
17	28177GT	DECAL,WARN,CRUSH HAZARD PLAT	2
18	28181GT	DECAL,WARN,FALL HAZARD	1
19	28235GT	DECAL,POWER TO PLATFORM 115V	2
20	28236GT	DECAL,WARN,IMPROPER OPERATION	1
21	30080GT	DECAL,NOTICE,MAX LOAD 500 LBS	1
22	31060GT	DECAL,DANGER DO NOT ALTER SWTC	3
23	31508GT	DECAL,DANGER,ELECT HAZARD,PLUG	1
24	31784GT	DECAL,NOTICE,TIRE SPECS,Z34DC	4
25	31786GT	DECAL,NOTICE,BATT CONNECTION	2

101.1 Decals (to SN 22050), Z-45/25



Item	Part No.	Description	Qty.
26	31787GT	DECAL,DANGER,TIP-OVER BATTERY	2
27	31788GT	DECAL,DANGER,BATTERY SAFETY***	2
28	97890GT	DECAL,DANGER,GEN SAFETY RULES	2
29	33550GT	TAPE,WARNING,BLK/YEL, 50'***	1 roll
30	33952GT	DECAL,DANGER,TILT ALARM	1
31	38110GT	DECAL,LABEL,TRAVEL ALARM***	1
32	38111GT	DECAL,WARNING,BRAKE RELEASE***	1
33	38112GT	DECAL,CAUTION,BRAKE RELEASE***	1
34	40434GT	DECAL,LANYARD ANCHORAGE POINT	8
35	43658GT	DECAL, LABEL, PWR TO CHARGER 230 EU	1
36	43663GT	DECAL,NOTICE, FUNCTION ENABLE*	1
37	44980GT	DECAL, LABEL, PWR TO CHARGER 115 UK	1
38	44981GT	DECAL,LABEL,AIRLINE 110 PSI	2
39	44986GT	DECAL,INSTR,SIDE FRC/WIND,AUS	1
40	52437GT	DECAL,NOTICE,KUBOTA ENG SPEC	1
41	52597GT	DECAL,NOTICE,OPER INST BE	1
42	52631GT	DECAL,PLATFORM CTRL PANL,BI/DC to SN 16867	1
42-	72443GT	DECAL, PLATFORM CONTROL PANEL from SN 16868 to 21179	1
42-	82279GT	DECAL,PLATFORM CONTROL PANEL from SN 21180	1
43	52632GT	DECAL,GROUND CONTROL PANEL,BI	1
44	52664GT	DECAL,LABEL,CONTRLR STATUS LT	1
45	52672GT	DECAL,DANGER,TIPOVER HAZARD***	4
46	52787GT	DECAL,NOTICE,CHARGER INSTRUC	2
47	52946GT	DECAL,NOTICE,OP INST,PLAT,Z45D	1
48	52947GT	DECAL,OPERATING INSTR,GROUND	1
49	52969GT	DECAL,COSMETIC,GENIE BOOM,HORZ	1
50	62068GT	DECAL,COSMETIC,BI-ENERGY	1
51	62070GT	DECAL,COSMETIC,DC POWER	1

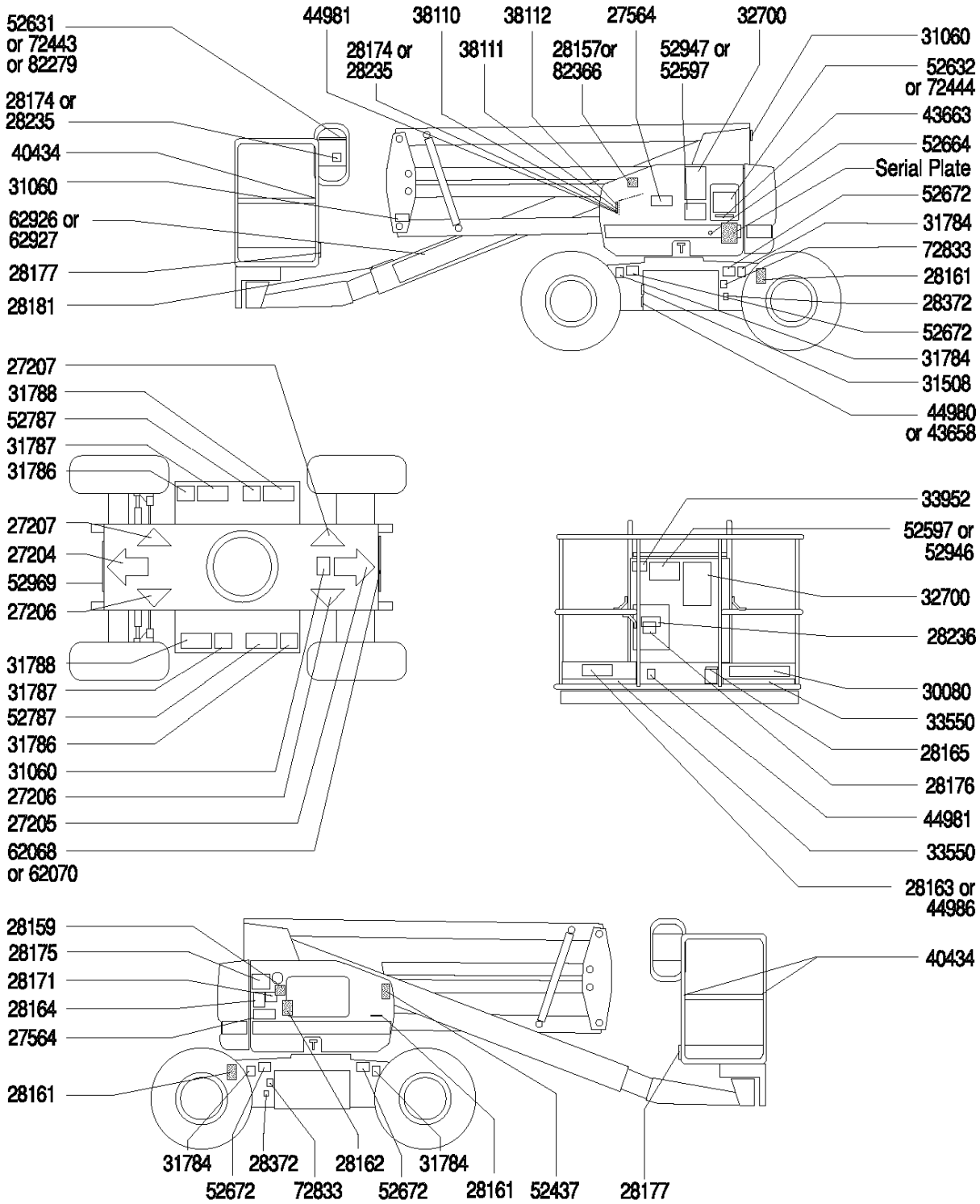
101.1 Decals (to SN 22050), Z-45/25



101.1 Decals (to SN 22050), Z-45/25

Item	Part No.	Description	Qty.
52A	62927GT	DECAL,COSMETIC,GENIE Z-45/25	1
53	72444GT	DECAL,GROUND CONTROL PANEL	1
54	72833GT	DECAL,LABEL,OPEN,LATCH	2

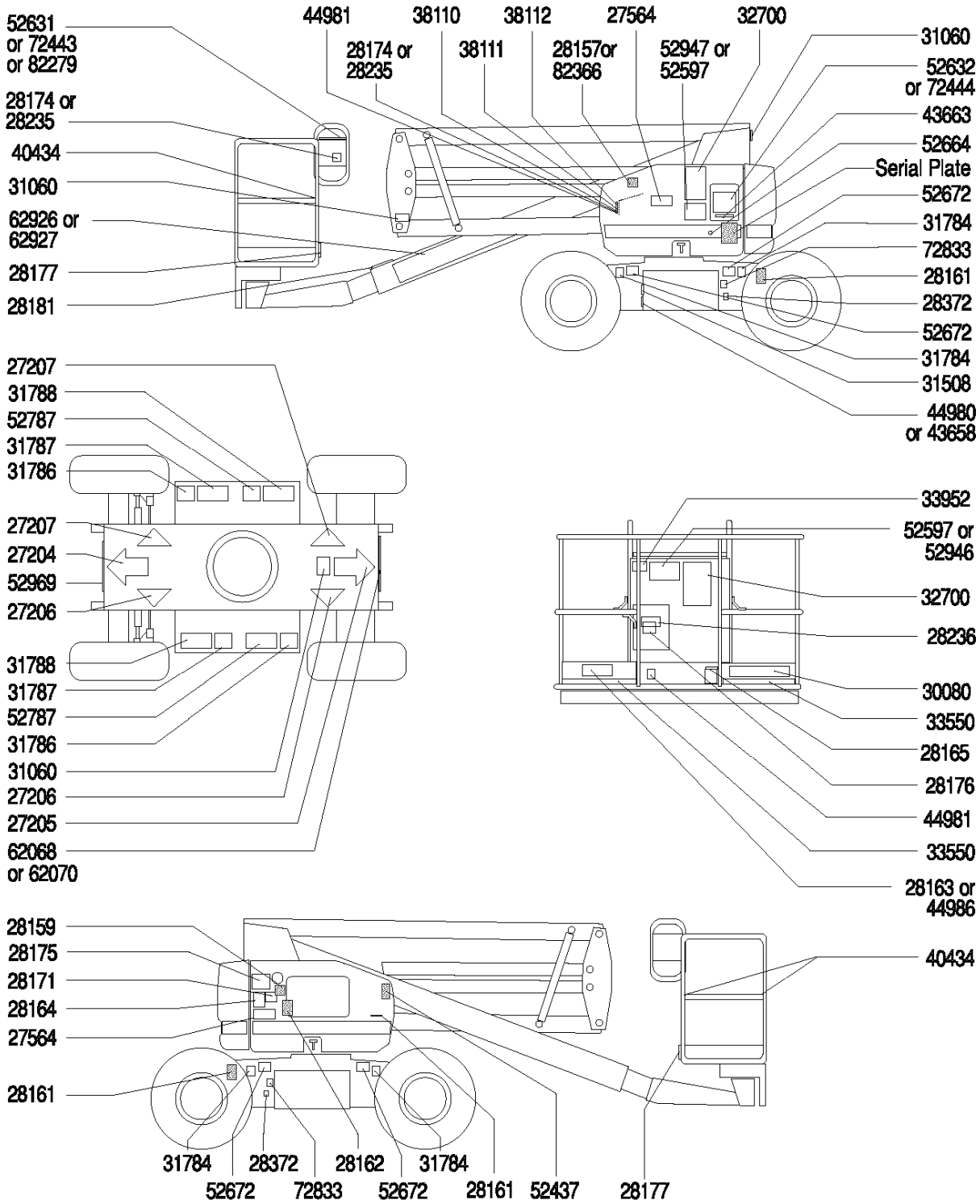
101.2 Decals (to SN 22050), Z-45/25J



101.2 Decals (to SN 22050), Z-45/25J

Item	Part No.	Description	Qty.
1	27204GT	DECAL,ARROW BLUE	1
2	27205GT	DECAL,ARROW YELLOW LRG 9"	1
3	27206GT	DECAL,TRIANGLE,BLUE	2
4	27207GT	DECAL,TRIANGLE,YELLOW	2
5	27564GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	2
6	28157GT	DECAL,USE DEXRON*** to SN 20925	1
6-	82366GT	DECAL,CHEVRON RANDO HD from SN 20926	1
7	28159GT	DECAL,DIESEL	1
8	28161GT	DECAL,WARN,CRUSH HAZARD HAND	3
9	28162GT	DECAL,WARNING,CRUSHING	1
10	97887GT	DECAL,INSTR,MAX SIDE FRC,ANSI	1
11	28164GT	DECAL,NOTICE,HAZARDOUS MAT'LS*	1
12	28165GT	DECAL,INSTRUCT,FOOTSWITCH OPER	1
13	28171GT	DECAL,DANGER,NO SMOKING ***	1
14	28174GT	DECAL,POWER TO PLATFORM 230V	2
15	28175GT	DECAL,WARNING-COMPART ACCESS	1
16	28176GT	DECAL,LABEL,MANUAL NOT HERE	1
17	28177GT	DECAL,WARN,CRUSH HAZARD PLAT	2
18	28181GT	DECAL,WARN,FALL HAZARD	1
19	28235GT	DECAL,POWER TO PLATFORM 115V	2
20	28236GT	DECAL,WARN,IMPROPER OPERATION	1
21	30080GT	DECAL,NOTICE,MAX LOAD 500 LBS	1
22	31060GT	DECAL,DANGER DO NOT ALTER SWTC	3
23	31508GT	DECAL,DANGER,ELECT HAZARD,PLUG	1
24	31784GT	DECAL,NOTICE,TIRE SPECS,Z34DC	4
25	31786GT	DECAL,NOTICE,BATT CONNECTION	2
26	31787GT	DECAL,DANGER,TIP-OVER BATTERY	2
27	31788GT	DECAL,DANGER,BATTERY SAFETY***	2

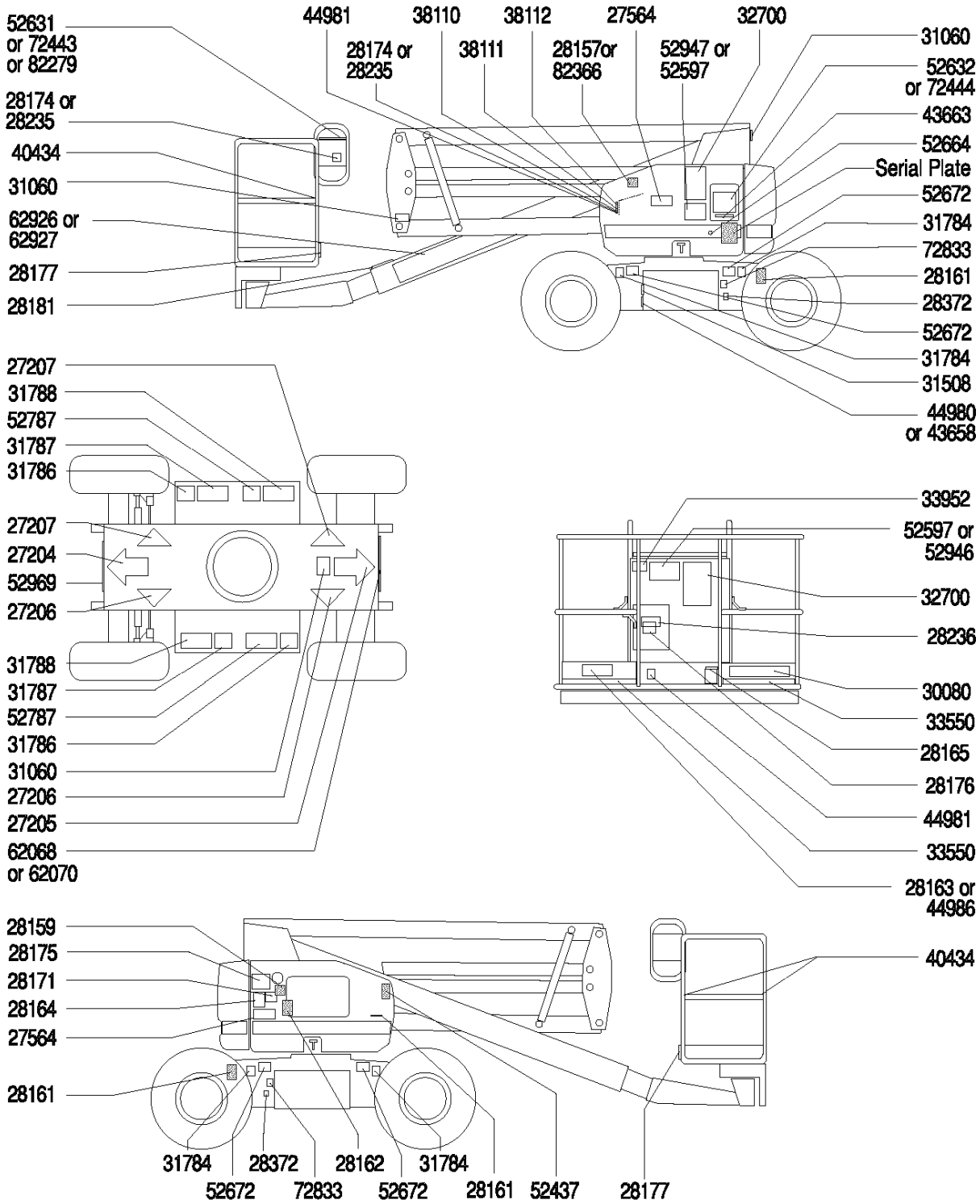
101.2 Decals (to SN 22050), Z-45/25J



101.2 Decals (to SN 22050), Z-45/25J

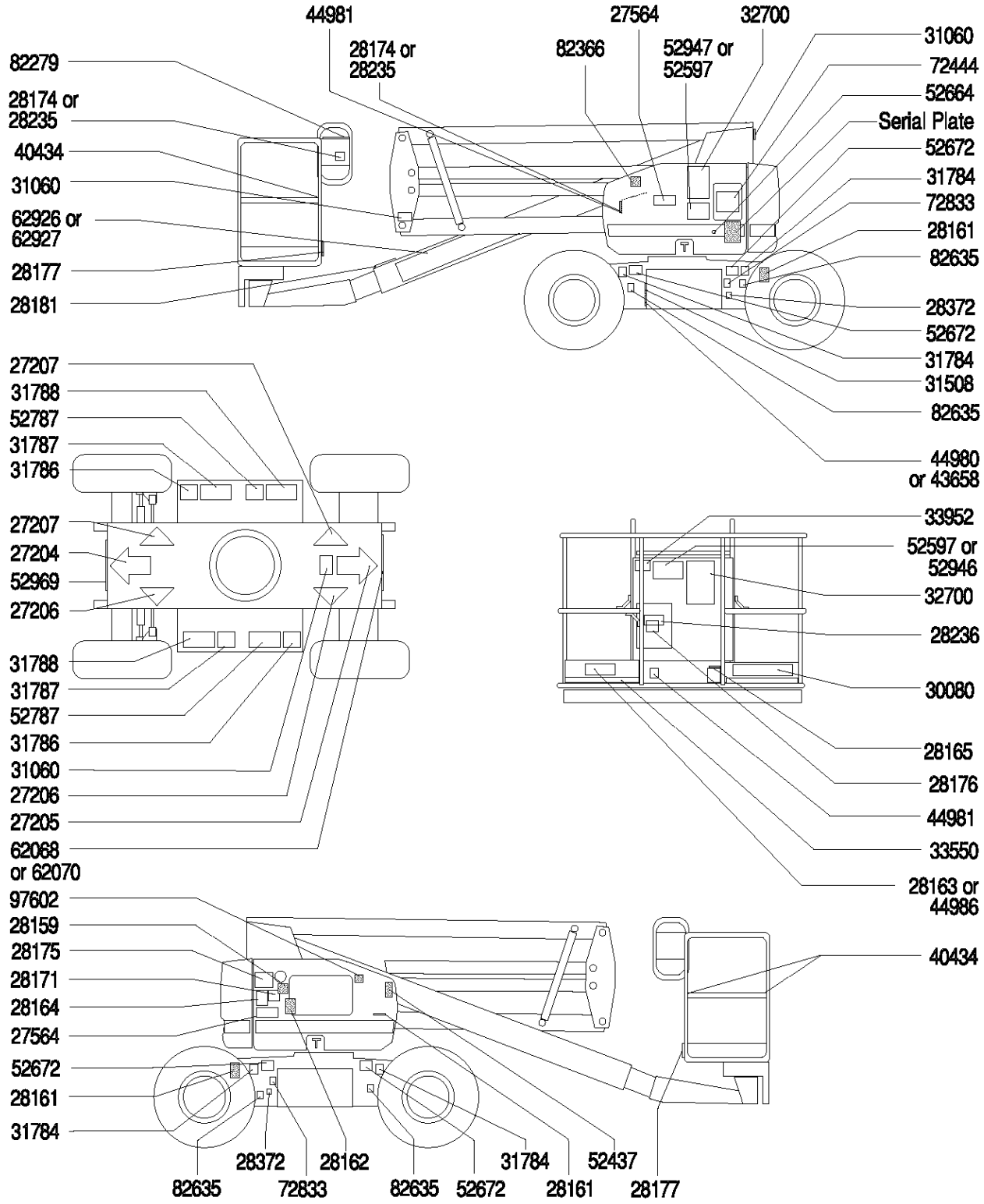
Item	Part No.	Description	Qty.
28	97890GT	DECAL,DANGER,GEN SAFETY RULES	2
29	33550GT	TAPE,WARNING,BLK/YEL, 50'***	1 roll
30	33952GT	DECAL,DANGER,TILT ALARM	1
31	38110GT	DECAL,LABEL,TRAVEL ALARM***	1
32	38111GT	DECAL,WARNING,BRAKE RELEASE***	1
33	38112GT	DECAL,CAUTION,BRAKE RELEASE***	1
34	40434GT	DECAL,LANYARD ANCHORAGE POINT	8
35	43658GT	DECAL, LABEL, PWR TO CHARGER 230 EU	1
36	43663GT	DECAL,NOTICE, FUNCTION ENABLE*	1
37	44980GT	DECAL, LABEL, PWR TO CHARGER 115 UK	1
38	44981GT	DECAL,LABEL,AIRLINE 110 PSI	2
39	44986GT	DECAL,INSTR,SIDE FRC/WIND,AUS	1
40	52437GT	DECAL,NOTICE,KUBOTA ENG SPEC	1
41	52597GT	DECAL,NOTICE,OPER INST BE	1
42	52631GT	DECAL,PLATFORM CTRL PANL,BI/DC to SN 16867	1
42-	72443GT	DECAL, PLATFORM CONTROL PANEL from SN 16868 to 21179	1
42-	82279GT	DECAL,PLATFORM CONTROL PANEL from SN 21180	1
43	52632GT	DECAL,GROUND CONTROL PANEL,BI	1
44	52664GT	DECAL,LABEL,CONTRLR STATUS LT	1
45	52672GT	DECAL,DANGER,TIPOVER HAZARD***	4
46	52787GT	DECAL,NOTICE,CHARGER INSTRUC	2
47	52946GT	DECAL,NOTICE,OP INST,PLAT,Z45D	1
48	52947GT	DECAL,OPERATING INSTR,GROUND	1
49	52969GT	DECAL,COSMETIC,GENIE BOOM,HORZ	1
50	62068GT	DECAL,COSMETIC,BI-ENERGY	1
51	62070GT	DECAL,COSMETIC,DC POWER	1
52B	62926GT	DECAL,COSMETIC,GENIE Z-45/25J	1
53	72444GT	DECAL,GROUND CONTROL PANEL	1

101.2 Decals (to SN 22050), Z-45/25J



Item	*Part No.*	*Description*	*Qty.*
54	72833GT	DECAL,LABEL,OPEN,LATCH	2

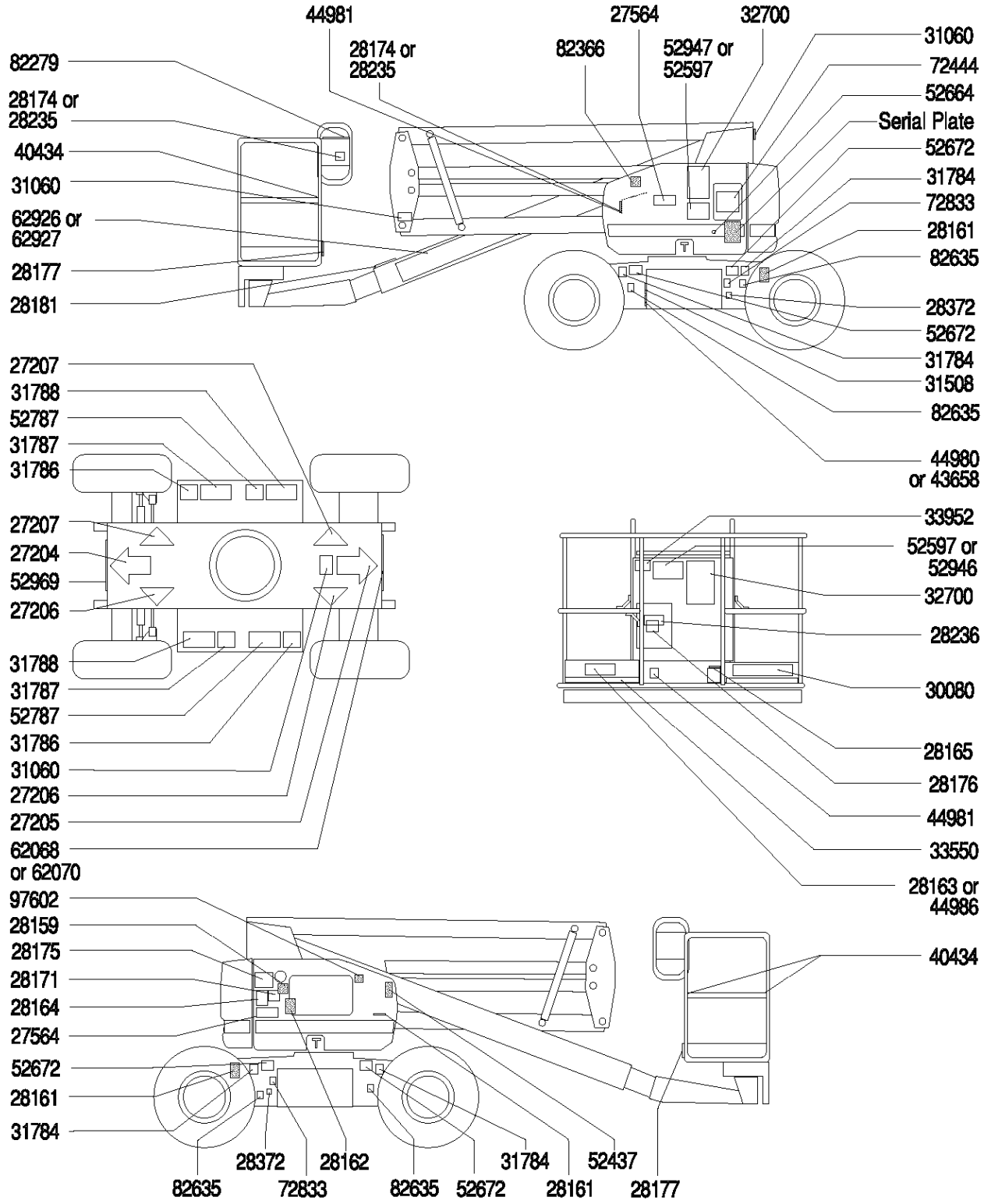
102.1 Word Decals (from SN 22051), Z-45/25



102.1 Word Decals (from SN 22051), Z-45/25

Item	Part No.	Description	Qty.
A	822005GT	DECAL KIT,Z45 PLAT,WORD,ANSI	
B	822038GT	DECAL KIT,Z45 PLAT,WORD,AUS	
1	27204GT	DECAL,ARROW BLUE	1
2	27205GT	DECAL,ARROW YELLOW LRG 9"	1
3	27206GT	DECAL,TRIANGLE,BLUE	2
4	27207GT	DECAL,TRIANGLE,YELLOW	2
5	27564GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	2
6	28161GT	DECAL,WARN,CRUSH HAZARD HAND	3
7	28162GT	DECAL,WARNING,CRUSHING	1
8	97887GT	DECAL,INSTR,MAX SIDE FRC,ANSI	1
9	28164GT	DECAL,NOTICE,HAZARDOUS MAT'LS*	1
10	28165GT	DECAL,INSTRUCT,FOOTSWITCH OPER	1
11	28171GT	DECAL,DANGER,NO SMOKING ***	1
12	28174GT	DECAL,POWER TO PLATFORM 230V	2
13	28175GT	DECAL,WARNING-COMPART ACCESS	1
14	28176GT	DECAL,LABEL,MANUAL NOT HERE	1
15	28177GT	DECAL,WARN,CRUSH HAZARD PLAT	2
16	28181GT	DECAL,WARN,FALL HAZARD	1
17	28235GT	DECAL,POWER TO PLATFORM 115V	2
18	28236GT	DECAL,WARN,IMPROPER OPERATION	1
19	30080GT	DECAL,NOTICE,MAX LOAD 500 LBS	1
20	31060GT	DECAL,DANGER DO NOT ALTER SWTC	3
21	31508GT	DECAL,DANGER,ELECT HAZARD,PLUG	1
22	31784GT	DECAL,NOTICE,TIRE SPECS,Z34DC	4
23	31786GT	DECAL,NOTICE,BATT CONNECTION	2
24	31787GT	DECAL,DANGER,TIP-OVER BATTERY	2
25	31788GT	DECAL,DANGER,BATTERY SAFETY***	2
26	97890GT	DECAL,DANGER,GEN SAFETY RULES	2

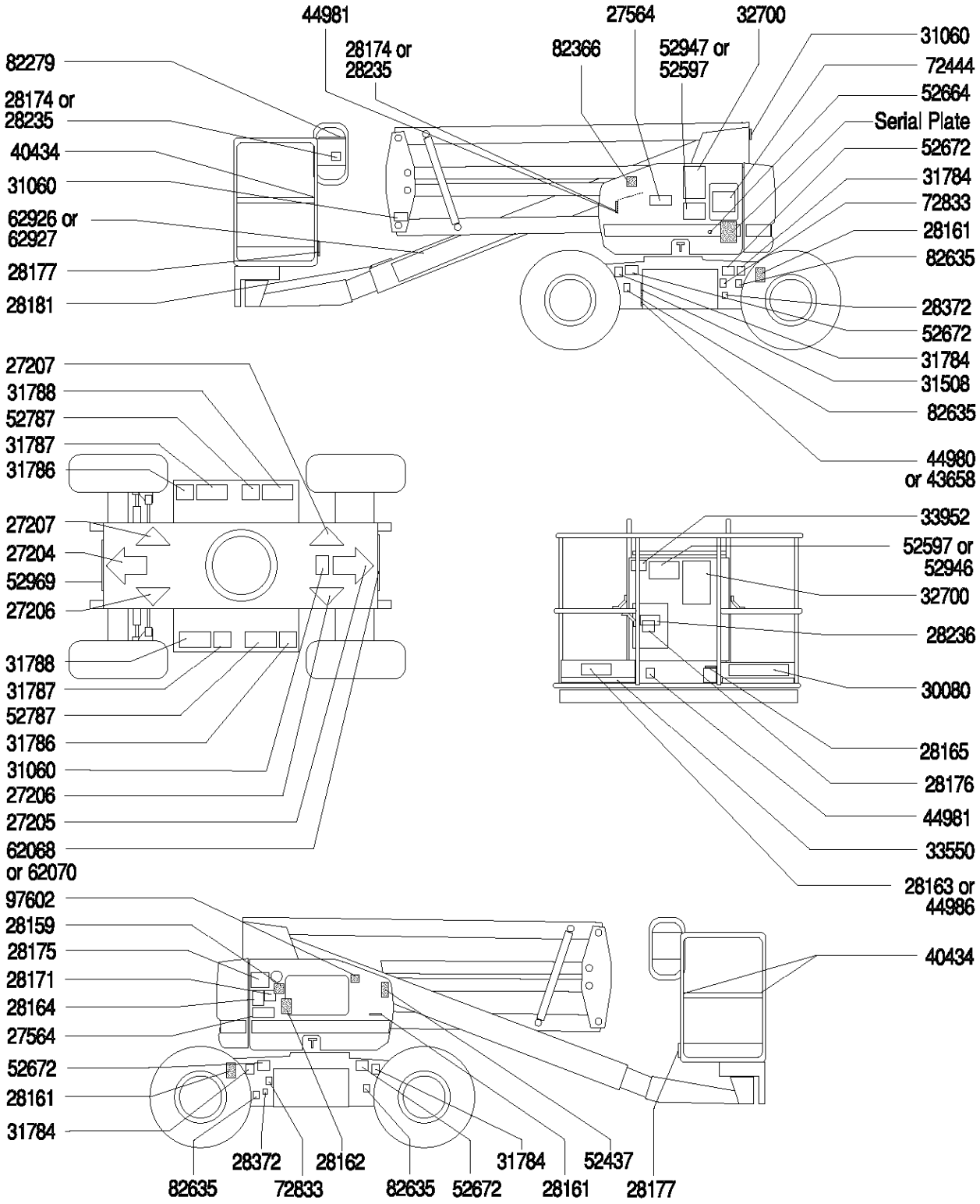
102.1 Word Decals (from SN 22051), Z-45/25



102.1 Word Decals (from SN 22051), Z-45/25

Item	Part No.	Description	Qty.
27	33952GT	DECAL,DANGER,TILT ALARM	1
28	40434GT	DECAL,LANYARD ANCHORAGE POINT	8
29	43658GT	DECAL, LABEL, PWR TO CHARGER 230 EU	1
30	44980GT	DECAL, LABEL, PWR TO CHARGER 115 UK	1
31	44981GT	DECAL,LABEL,AIRLINE 110 PSI	2
32	44986GT	DECAL,INSTR,SIDE FRC/WIND,AUS	1
33	52437GT	DECAL,NOTICE,KUBOTA ENG SPEC	1
34	52597GT	DECAL,NOTICE,OPER INST BE	1
35	52664GT	DECAL,LABEL,CONTRLR STATUS LT	1
36	52672GT	DECAL,DANGER,TIPOVER HAZARD***	4
37	52787GT	DECAL,NOTICE,CHARGER INSTRUC	2
38	52946GT	DECAL,NOTICE,OP INST,PLAT,Z45D	1
39	52947GT	DECAL,OPERATING INSTR,GROUND	1
40	52969GT	DECAL,COSMETIC,GENIE BOOM,HORZ	1
41	62068GT	DECAL,COSMETIC,BI-ENERGY	1
42	62070GT	DECAL,COSMETIC,DC POWER	1
43A	62927GT	DECAL,COSMETIC,GENIE Z-45/25	1
44	72444GT	DECAL,GROUND CONTROL PANEL	1
45	82279GT	DECAL,PLATFORM CONTROL PANEL	1
46	82366GT	DECAL,CHEVRON RANDO HD	1
47	82635GT	DECAL,LABEL,WHEEL LOAD Z4525DC	4
48	97602GT	DECAL,EXPLOSION HAZARD	2

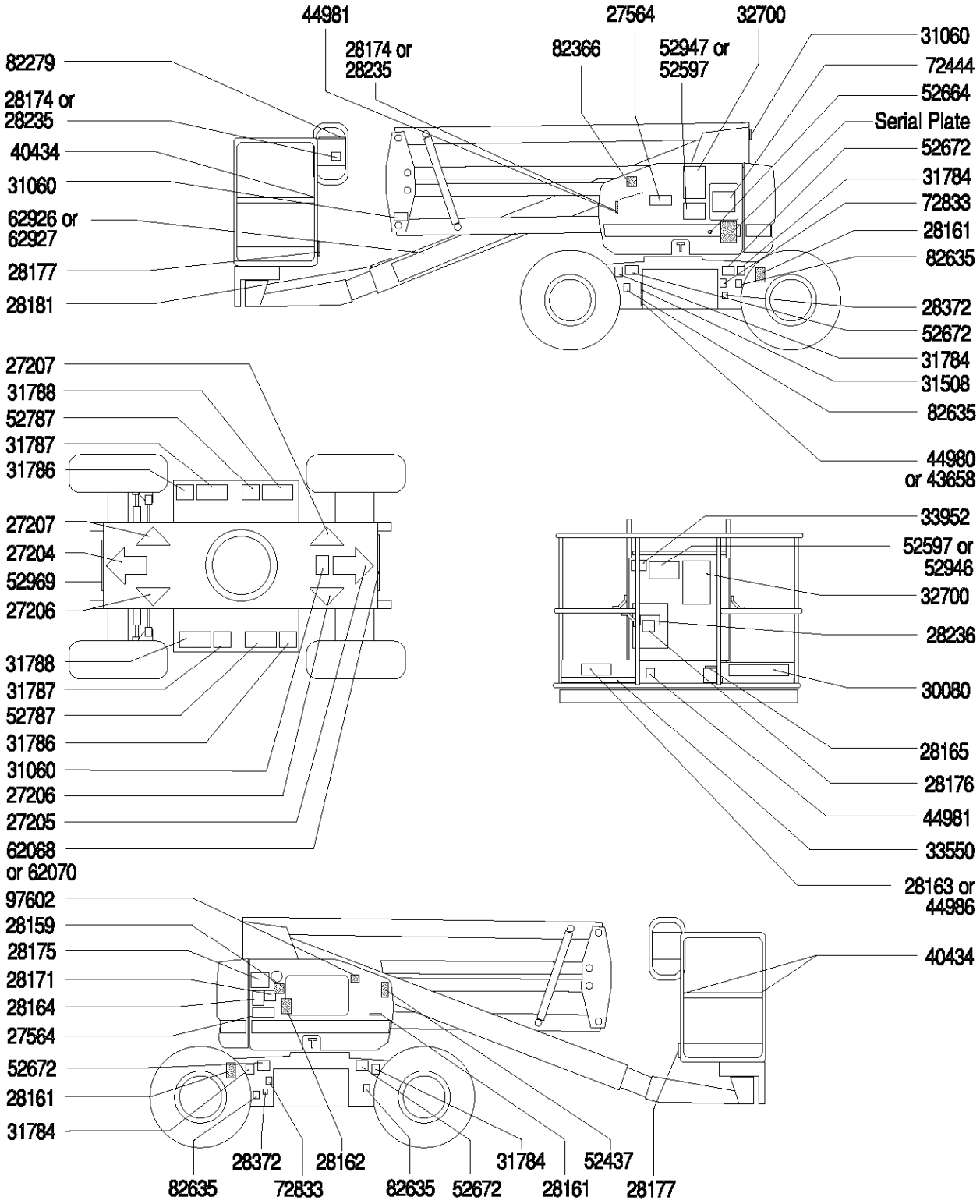
102.2 Word Decals (from SN 22051), Z-45/25J



102.2 Word Decals (from SN 22051), Z-45/25J

Item	Part No.	Description	Qty.
1	27204GT	DECAL,ARROW BLUE	1
2	27205GT	DECAL,ARROW YELLOW LRG 9"	1
3	27206GT	DECAL,TRIANGLE,BLUE	2
4	27207GT	DECAL,TRIANGLE,YELLOW	2
5	27564GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	2
6	28161GT	DECAL,WARN,CRUSH HAZARD HAND	3
7	28162GT	DECAL,WARNING,CRUSHING	1
8	97887GT	DECAL,INSTR,MAX SIDE FRC,ANSI	1
9	28164GT	DECAL,NOTICE,HAZARDOUS MAT'LS*	1
10	28165GT	DECAL,INSTRUCT,FOOTSWITCH OPER	1
11	28171GT	DECAL,DANGER,NO SMOKING ***	1
12	28174GT	DECAL,POWER TO PLATFORM 230V	2
13	28175GT	DECAL,WARNING-COMPART ACCESS	1
14	28176GT	DECAL,LABEL,MANUAL NOT HERE	1
15	28177GT	DECAL,WARN,CRUSH HAZARD PLAT	2
16	28181GT	DECAL,WARN,FALL HAZARD	1
17	28235GT	DECAL,POWER TO PLATFORM 115V	2
18	28236GT	DECAL,WARN,IMPROPER OPERATION	1
19	30080GT	DECAL,NOTICE,MAX LOAD 500 LBS	1
20	31060GT	DECAL,DANGER DO NOT ALTER SWTC	3
21	31508GT	DECAL,DANGER,ELECT HAZARD,PLUG	1
22	31784GT	DECAL,NOTICE,TIRE SPECS,Z34DC	4
23	31786GT	DECAL,NOTICE,BATT CONNECTION	2
24	31787GT	DECAL,DANGER,TIP-OVER BATTERY	2
25	31788GT	DECAL,DANGER,BATTERY SAFETY***	2
26	97890GT	DECAL,DANGER,GEN SAFETY RULES	2
27	33952GT	DECAL,DANGER,TILT ALARM	1
28	40434GT	DECAL,LANYARD ANCHORAGE POINT	8

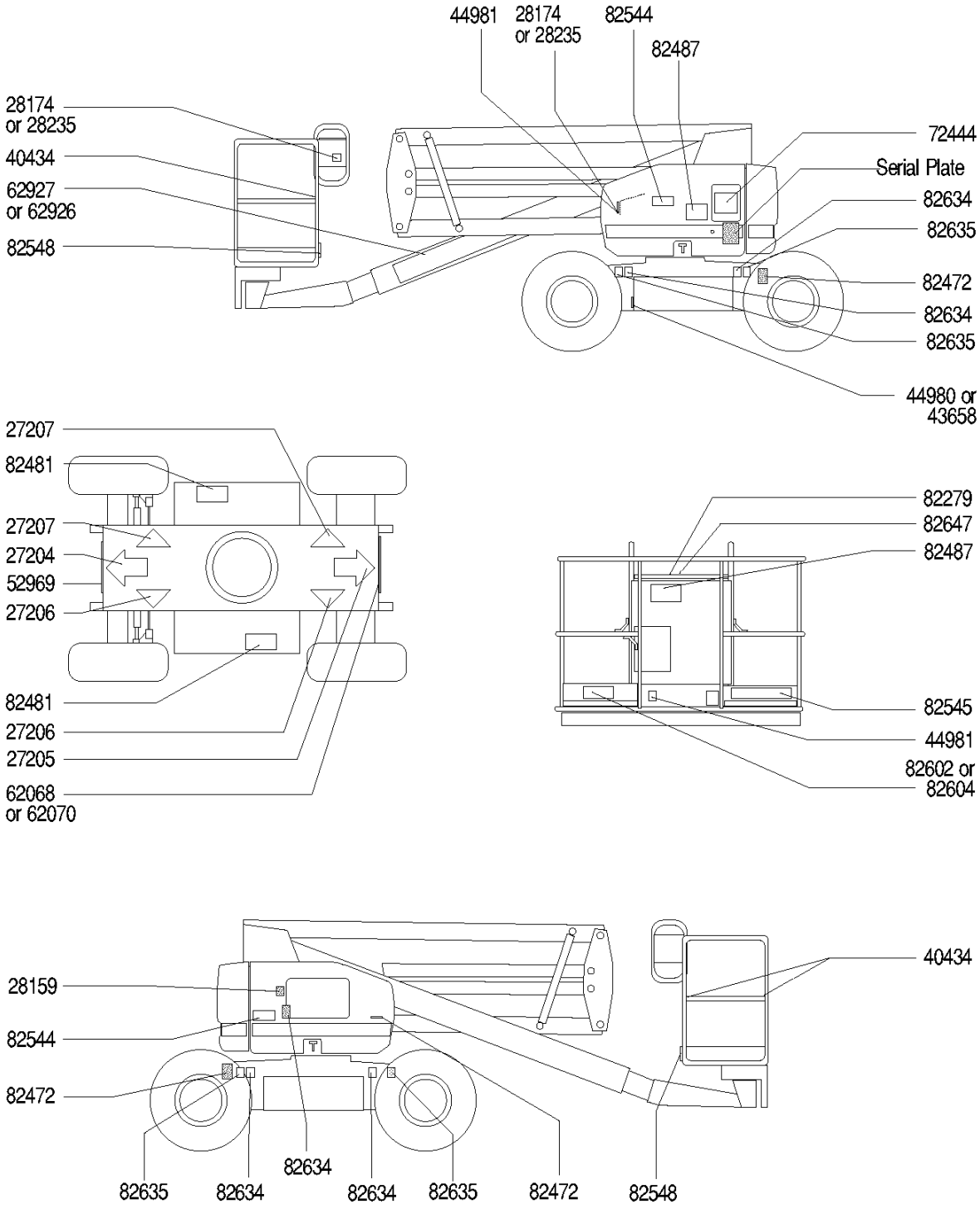
102.2 Word Decals (from SN 22051), Z-45/25J



102.2 Word Decals (from SN 22051), Z-45/25J

Item	Part No.	Description	Qty.
29	43658GT	DECAL, LABEL, PWR TO CHARGER 230 EU	1
30	44980GT	DECAL, LABEL, PWR TO CHARGER 115 UK	1
31	44981GT	DECAL,LABEL,AIRLINE 110 PSI	2
32	44986GT	DECAL,INSTR,SIDE FRC/WIND,AUS	1
33	52437GT	DECAL,NOTICE,KUBOTA ENG SPEC	1
34	52597GT	DECAL,NOTICE,OPER INST BE	1
35	52664GT	DECAL,LABEL,CONTRLR STATUS LT	1
36	52672GT	DECAL,DANGER,TIPOVER HAZARD***	4
37	52787GT	DECAL,NOTICE,CHARGER INSTRUC	2
38	52946GT	DECAL,NOTICE,OP INST,PLAT,Z45D	1
39	52947GT	DECAL,OPERATING INSTR,GROUND	1
40	52969GT	DECAL,COSMETIC,GENIE BOOM,HORZ	1
41	62068GT	DECAL,COSMETIC,BI-ENERGY	1
42	62070GT	DECAL,COSMETIC,DC POWER	1
43B	62926GT	DECAL,COSMETIC,GENIE Z-45/25J	1
44	72444GT	DECAL,GROUND CONTROL PANEL	1
45	82279GT	DECAL,PLATFORM CONTROL PANEL	1
46	82366GT	DECAL,CHEVRON RANDO HD	1
47	82635GT	DECAL,LABEL,WHEEL LOAD Z4525DC	4
48	97602GT	DECAL,EXPLOSION HAZARD	2

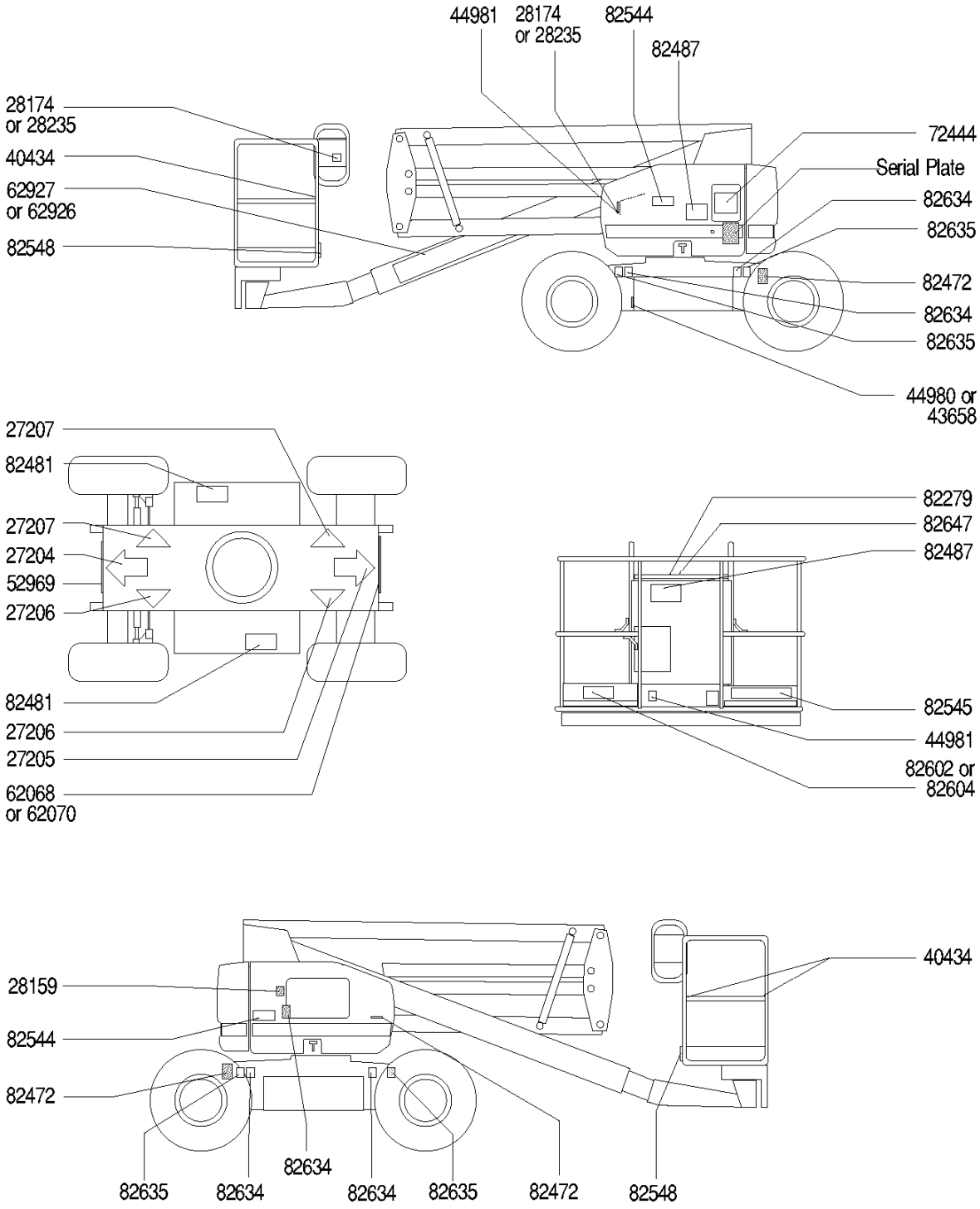
103.1 Symbol Decals (from SN 22051), Z-45/25



103.1 Symbol Decals (from SN 22051), Z-45/25

Item	Part No.	Description	Qty.
A	823153GT	DECAL KIT,Z45 PLAT,SYM,ANSI	
B	823161GT	DECAL KIT,Z45 PLAT,SYM,CE	
1	97815GT	DECAL,LABEL,LOWER MIDRAIL	1
2	27204GT	DECAL,ARROW BLUE	1
3	27205GT	DECAL,ARROW YELLOW LRG 9"	1
4	27206GT	DECAL,TRIANGLE,BLUE	2
5	27207GT	DECAL,TRIANGLE,YELLOW	2
6	28159GT	DECAL,DIESEL	1
7	28174GT	DECAL,POWER TO PLATFORM 230V	2
8	28235GT	DECAL,POWER TO PLATFORM 115V	2
9	40434GT	DECAL,LANYARD ANCHORAGE POINT	3
10	43658GT	DECAL, LABEL, PWR TO CHARGER 230 EU	1
11	44980GT	DECAL, LABEL, PWR TO CHARGER 115 UK	1
12	44981GT	DECAL,LABEL,AIRLINE 110 PSI	2
13	52969GT	DECAL,COSMETIC,GENIE BOOM,HORZ	1
14	62068GT	DECAL,COSMETIC,BI-ENERGY	1
15	62070GT	DECAL,COSMETIC,DC POWER	1
16A	62927GT	DECAL,COSMETIC,GENIE Z-45/25	1
17	72444GT	DECAL,GROUND CONTROL PANEL	1
18	82279GT	DECAL,PLATFORM CONTROL PANEL	1
19	82472GT	DECAL,WARNING,CRUSHING HAZARD	3
20	82473GT	DECAL,SYMBOL-COMP ACCESS	1
21	82481GT	DECAL,SYMBOL-BATTERY SAFETY	2
22	82487GT	DECAL,SYMBOL-READ THE MANUAL	2
23	82544GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	3
24	82545GT	DECAL,DANGER,MAX LOAD 227 KG**	1
25	82548GT	DECAL,WARN,CRUSH HAZARD PLAT	2
26	82602GT	DECAL,DANGER,MAX SIDE FRC,667N	1

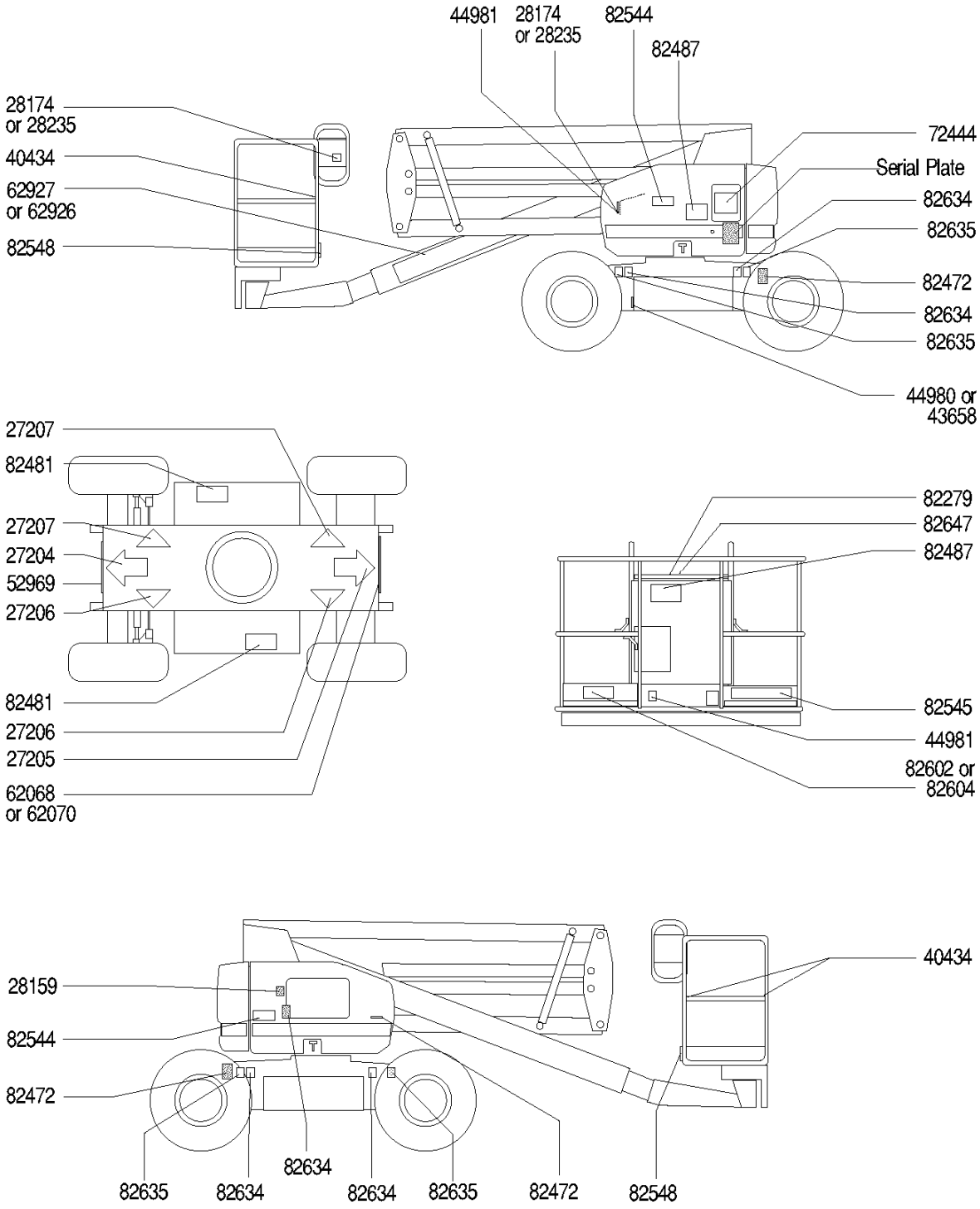
103.1 Symbol Decals (from SN 22051), Z-45/25



103.1 Symbol Decals (from SN 22051), Z-45/25

Item	*Part No.*	*Description*	*Qty.*
27	82604GT	DECAL,DANGER,SIDE FRC 400N	1
28	82634GT	DECAL,LABEL,TIRE PRESS Z45DCBI	4
29	82635GT	DECAL,LABEL,WHEEL LOAD Z4525DC	4
30	82647GT	DECAL,DRIVE ENABLE PATCH	1

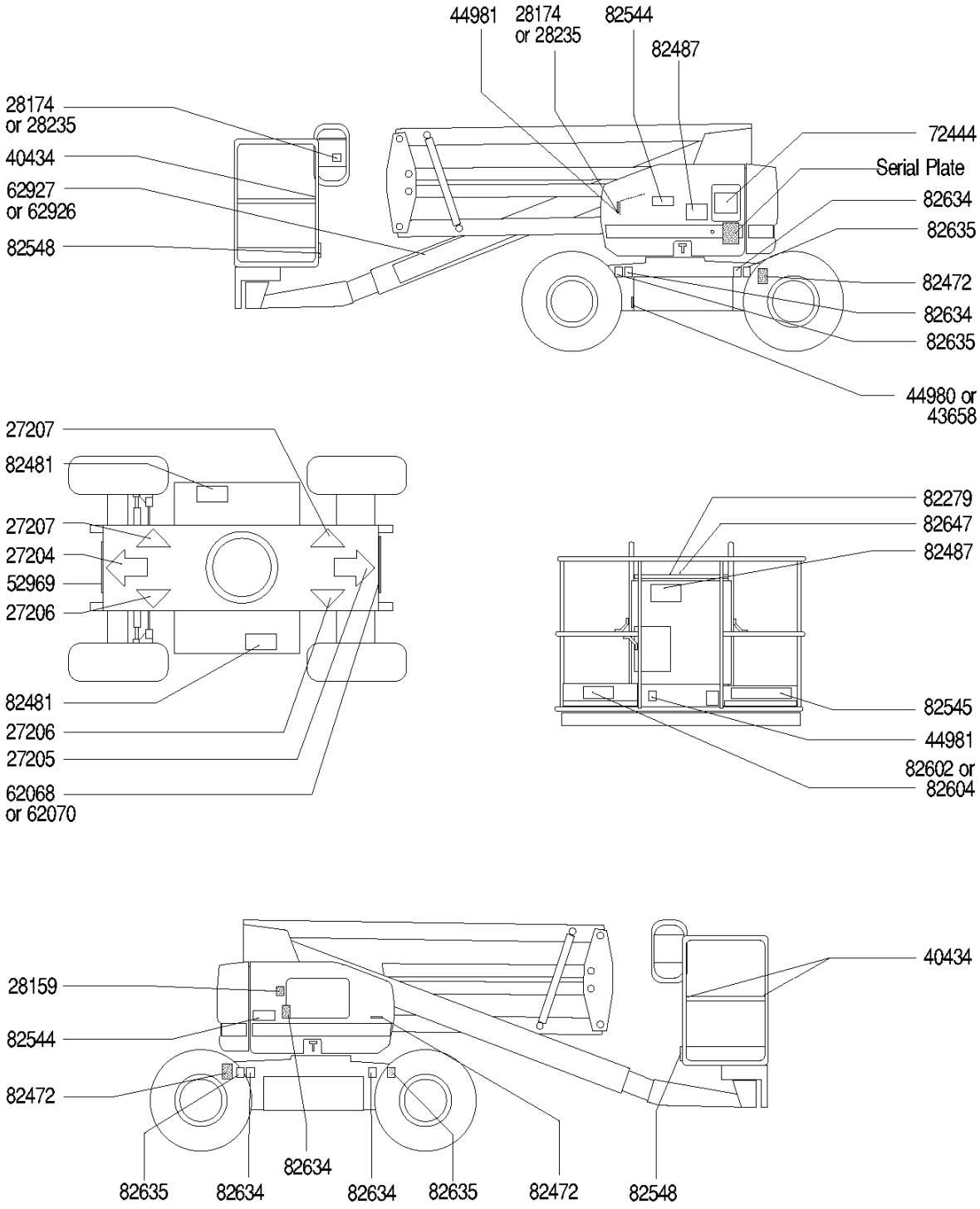
103.2 Symbol Decals (from SN 22051), Z-45/25J



103.2 Symbol Decals (from SN 22051), Z-45/25J

Item	Part No.	Description	Qty.
1	97815GT	DECAL,LABEL,LOWER MIDRAIL	1
2	27204GT	DECAL,ARROW BLUE	1
3	27205GT	DECAL,ARROW YELLOW LRG 9"	1
4	27206GT	DECAL,TRIANGLE,BLUE	2
5	27207GT	DECAL,TRIANGLE,YELLOW	2
6	28159GT	DECAL,DIESEL	1
7	28174GT	DECAL,POWER TO PLATFORM 230V	2
8	28235GT	DECAL,POWER TO PLATFORM 115V	2
9	40434GT	DECAL,LANYARD ANCHORAGE POINT	3
10	43658GT	DECAL, LABEL, PWR TO CHARGER 230 EU	1
11	44980GT	DECAL, LABEL, PWR TO CHARGER 115 UK	1
12	44981GT	DECAL,LABEL,AIRLINE 110 PSI	2
13	52969GT	DECAL,COSMETIC,GENIE BOOM,HORZ	1
14	62068GT	DECAL,COSMETIC,BI-ENERGY	1
15	62070GT	DECAL,COSMETIC,DC POWER	1
16B	62926GT	DECAL,COSMETIC,GENIE Z-45/25J	1
17	72444GT	DECAL,GROUND CONTROL PANEL	1
18	82279GT	DECAL,PLATFORM CONTROL PANEL	1
19	82472GT	DECAL,WARNING,CRUSHING HAZARD	3
20	82473GT	DECAL,SYMBOL-COMP ACCESS	1
21	82481GT	DECAL,SYMBOL-BATTERY SAFETY	2
22	82487GT	DECAL,SYMBOL-READ THE MANUAL	2
23	82544GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	3
24	82545GT	DECAL,DANGER,MAX LOAD 227 KG**	1
25	82548GT	DECAL,WARN,CRUSH HAZARD PLAT	2
26	82602GT	DECAL,DANGER,MAX SIDE FRC,667N	1
27	82604GT	DECAL,DANGER,SIDE FRC 400N	1
28	82634GT	DECAL,LABEL,TIRE PRESS Z45DCBI	4

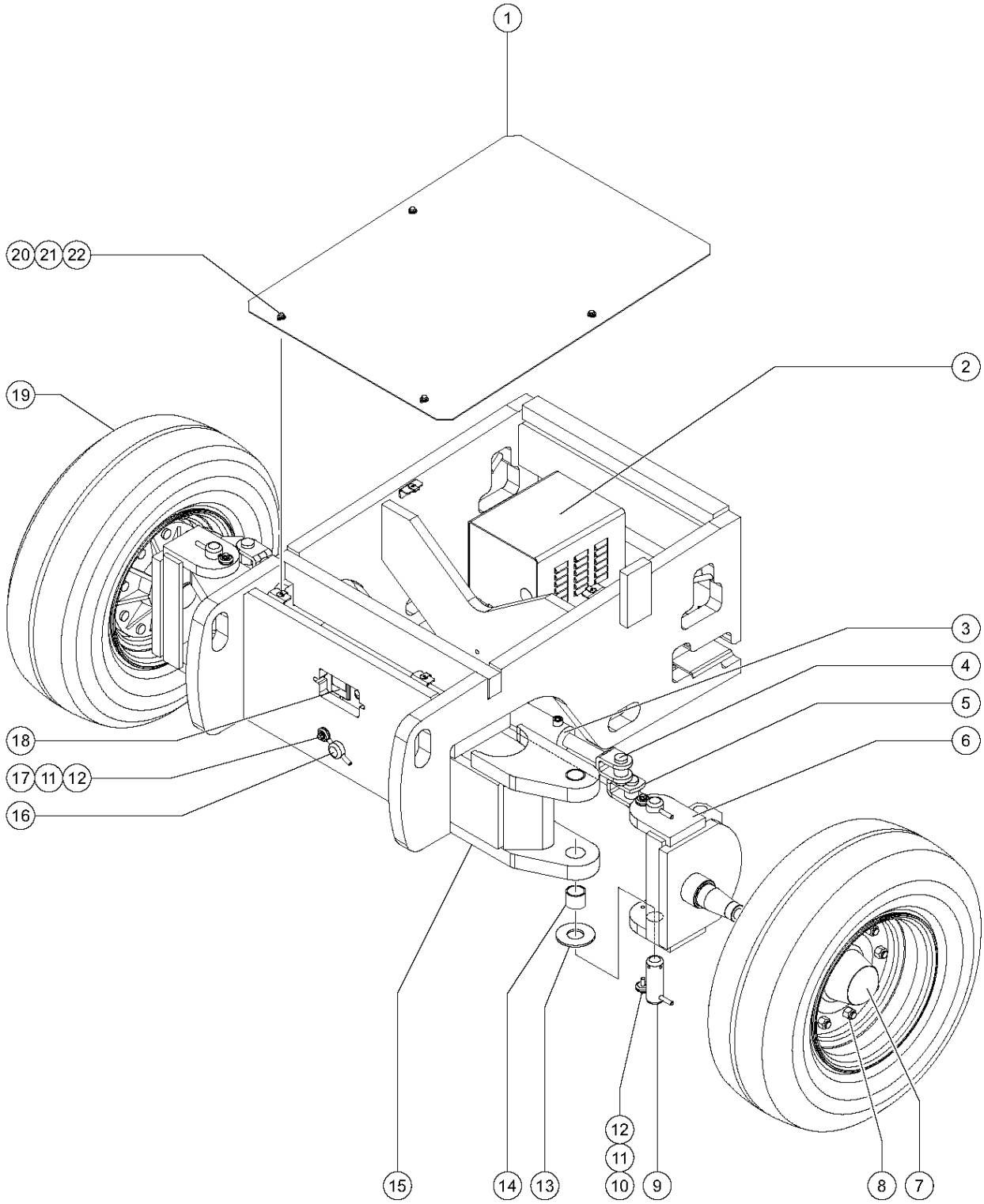
103.2 Symbol Decals (from SN 22051), Z-45/25J



103.2 Symbol Decals (from SN 22051), Z-45/25J

Item	*Part No.*	*Description*	*Qty.*
29	82635GT	DECAL,LABEL,WHEEL LOAD Z4525DC	4
30	82647GT	DECAL,DRIVE ENABLE PATCH	1

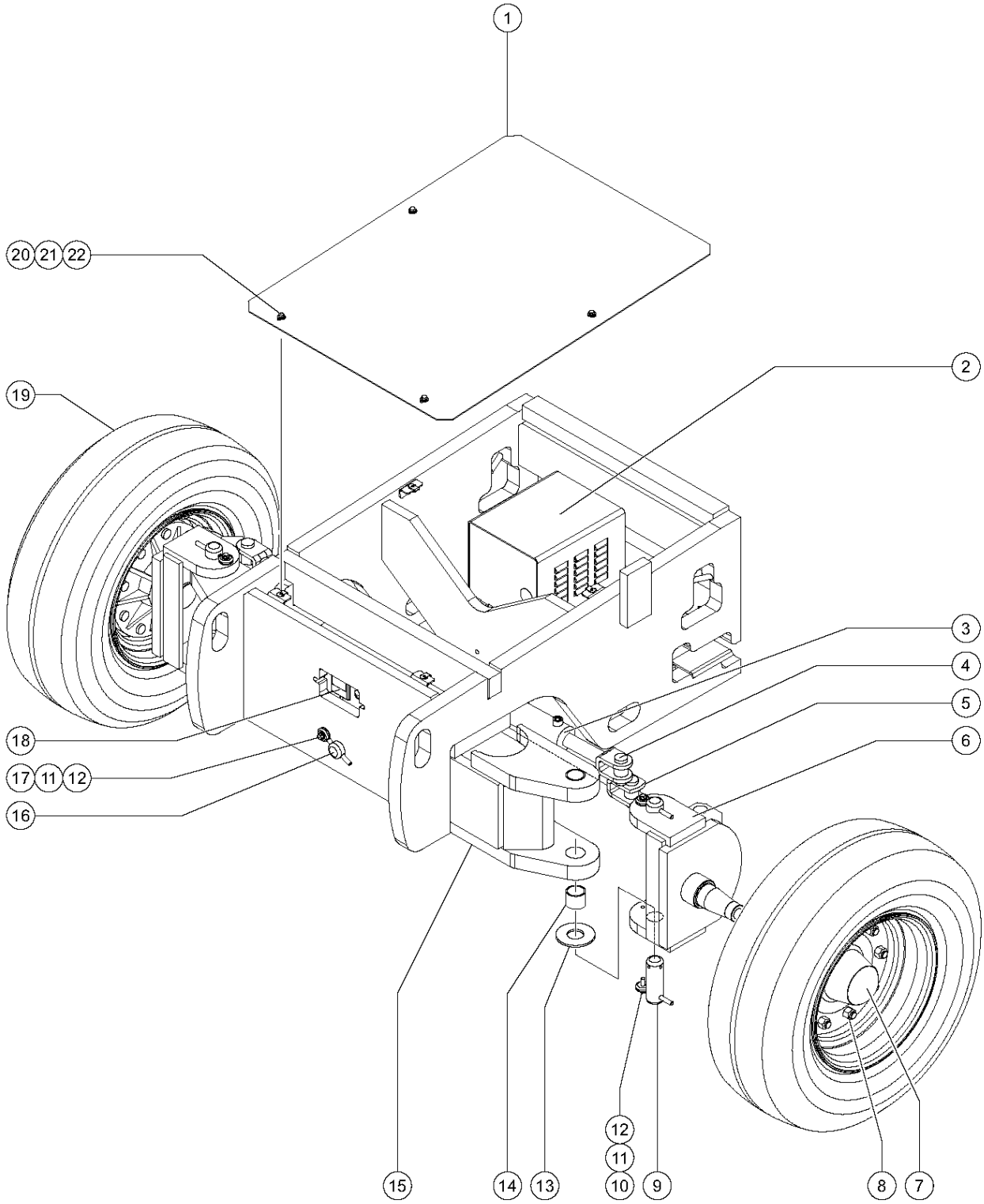
201.1 Steer End



201.1 Steer End

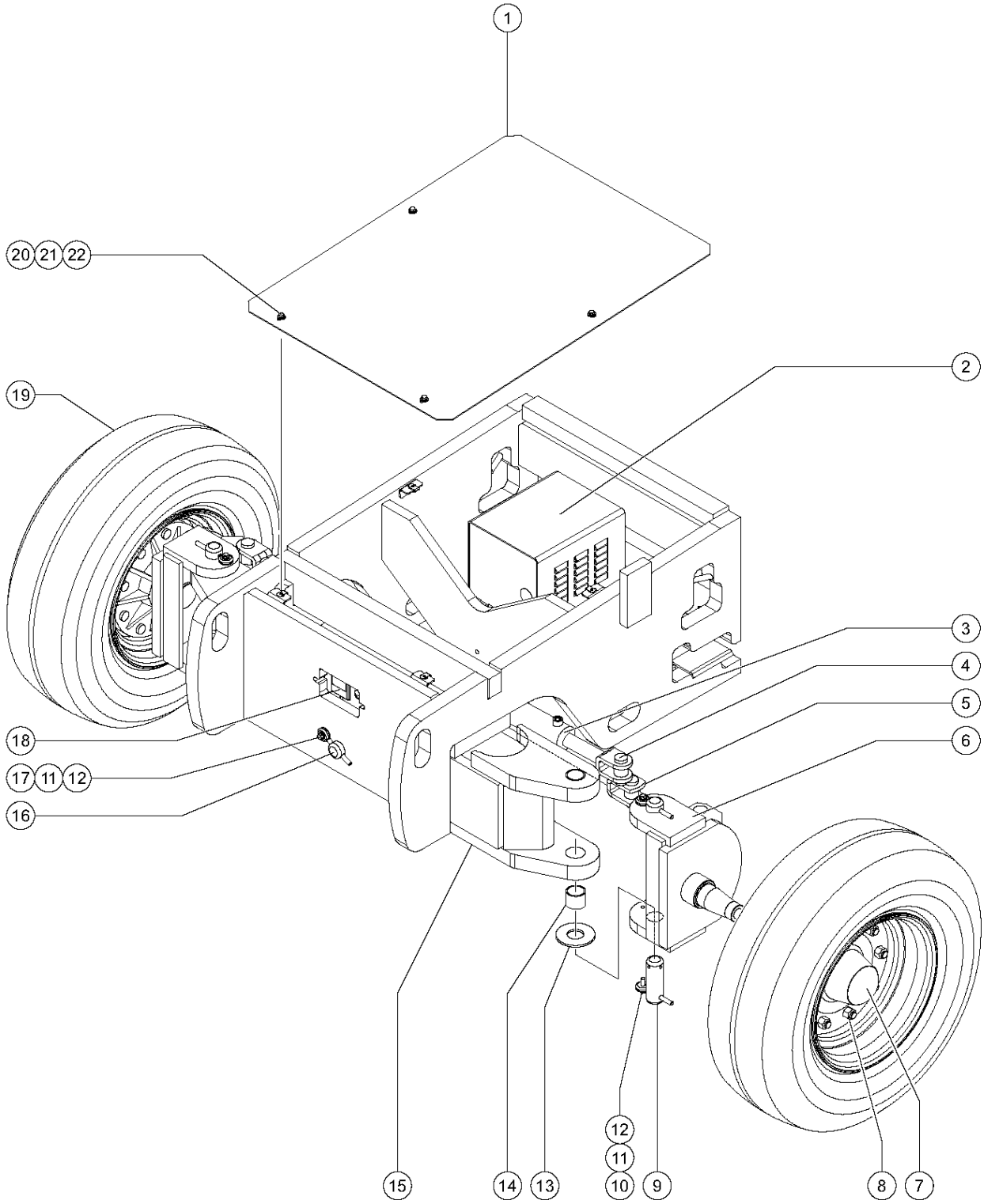
Item	Part No.	Description	Qty.
1	77434GT	COVER W/DECALS,STEER,NON OSC	
2		Ref. Battery Charger (refer to 204.1)	1
3	88337GT	CYLINDER,STEER	
3-	88338GT	SEAL KIT, 88337	
3-	59169GT	SEAL KIT,2" BORE,1" ROD*** for cylinder 59156, 59301 and 59341	
4	19440GT	PIN,CLEVIS,1 X 2.5 LG	
4	5361GT	PIN,COTTER,.125 X 1.5	
5	229798GT	TIE ROD WELDMENT, NARROW	1
6A	52733-SGT	YOKE ASSY.LH'2WD'Z45IC left front (shown)	1
6A-	25817GT	BEARING,1.00IDX1.25ODX1.00L	
6B	52734-SGT	YOKE ASSY.RH'2WD'Z45IC right front	
6B-	25817GT	BEARING,1.00IDX1.25ODX1.00L	
7A	45043GT	HUB ASSEMBLY MODEL#60-8***	
7A-	21166GT	LUG BOLT,5/8-18,WHEEL HUB*** for 45043	6
7A-	45111GT	CAP,DUST,45873 HUB KIT	
7A-	45108GT	OUTER CONE - MODEL 60-8 small bearing race not included	
7A-	45107GT	INNER CONE - MODEL 60-8 large bearing race not included	
7A-	45110GT	SEAL-GREASE,MODEL 60-8	
7A-	45873GT	SEAL/BEARING KIT (45043,54840)	
7B	54840GT	HUB ASSEMBLY,9 BOLT***	
7B-	54959GT	CAP,DUST (54840 HUB ASSY)	
7B-	54960GT	SEAL-GREASE,9-BOLT HUB 54840	
7B-	54961GT	BEARING,INNER,9 BOLT HUB***	
7B-	54962GT	BEARING,OUTER,9 BOLT HUB***	
8	21166GT	LUG BOLT,5/8-18,WHEEL HUB***	
8-	54627GT	NUT,LUG,5/8-18 X 90 DEGREE,Z45	
9	88752GT	PIN,1.50DIAX4.25LG,GR/H	
9-	825796GT	SNAP RING,EXTERNAL,1.50,ZAG	

201.1 Steer End



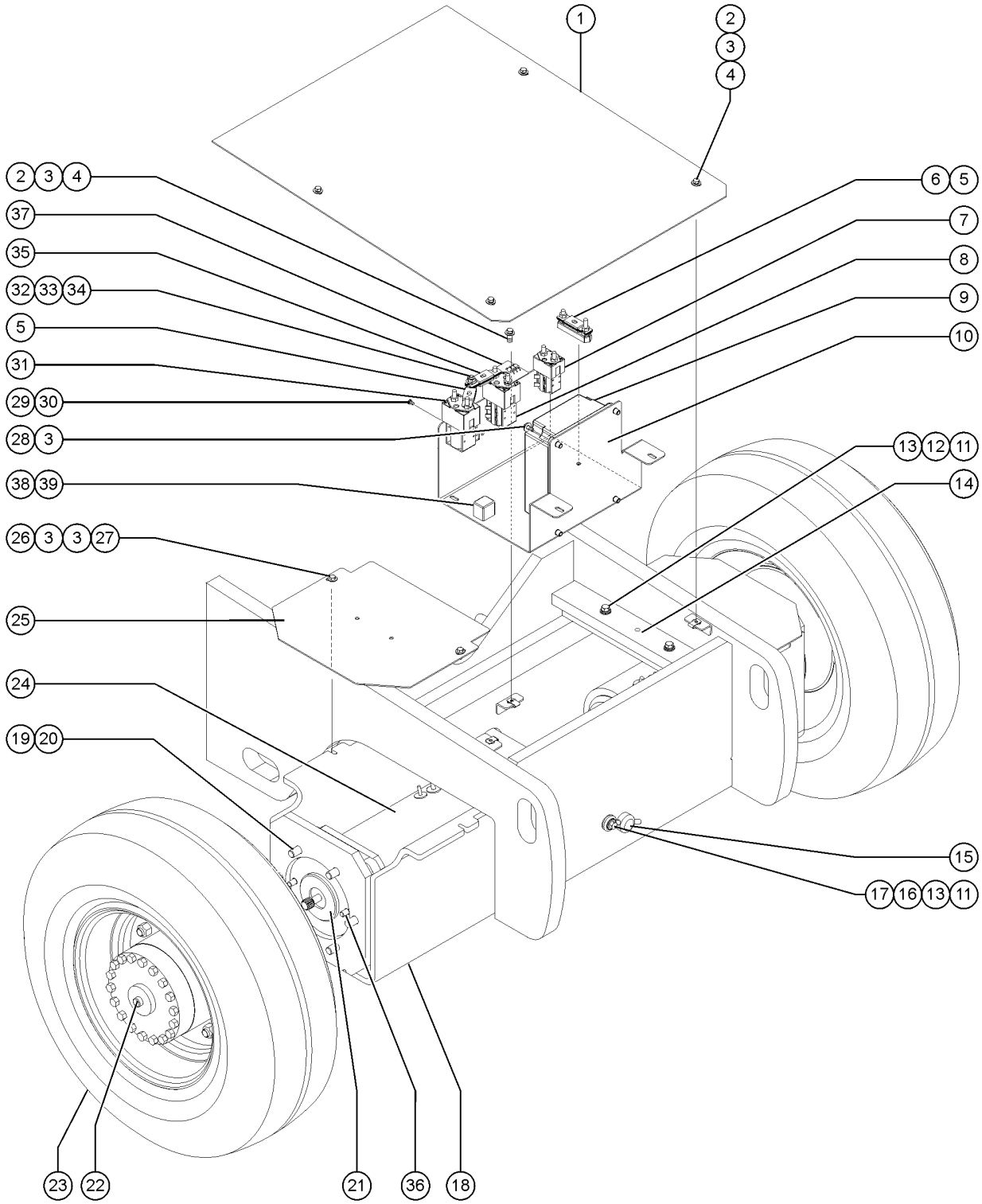
Item	Part No.	Description	Qty.
10	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
11	6021GT	WASHER, LOCK, .375	
12	825019GT	ROD END, .375X3.69, ZAG	
13	45074GT	WASHER,THRUST,1.5 X 3.5 X .187	
14	45071GT	BEARING,1.5IDX1.75ODX1.5L	
15	52735GT	FRONT AXLE ASSY,NRRW,Z45/25 includes item 14	
15-	25817GT	BEARING,1.00IDX1.25ODX1.00L	
16	54542GT	PIN,1.50DIAX20.00LG,CHAMFER	
16-	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	
17	6175GT	SCREW,HHC,3/8-16 X 1	
18	46337GT	AMMETER, 39243/47906/66412	
19A	54136GT	TIRE/WHL ASSY,8 ON 8 BC 72# to SN 16127	
19A-	54142GT	TIRE & WHEEL ASSY,8 ON 8,FOAM	
19A-	54140GT	TUBELESS PNEUMATIC TIRE,9-14LT	
19A-	54138GT	WHEEL,14.5 X 7 (8 ON 8 BC) 31#	
19A-	54238GT	TIRE ASSY,8 ON 8.5,N/MARK,79#	
19A-	54237GT	TIRE ASSY,8 ON 8,N/MARK,FOAM	
19A-	54234GT	TUBELESS TIRE,9-14.5,NON-M 47#	
19B	54137GT	TIRE/WHL ASSY,9 ON 9.5 BC 74# from SN 16128 to 26999	
19B-	1267779GT	TIRE/WH ASSY,9 LG,FOAM,S FRONT (steer end)	2
19B-	54140GT	TUBELESS PNEUMATIC TIRE,9-14LT	
19B-	54139GT	WHEEL,14.5 X 7	
19B-	54235GT	TIRE ASSY,9 ON 9.5,N/MARK,78**	
19B-	1267781GT	TIRE/WH ASSY,9 LG,NM,FOAM,S FR (steer end)	
19B-	54235GT	TIRE ASSY,9 ON 9.5,N/MARK,78**	
19B-	54234GT	TUBELESS TIRE,9-14.5,NON-M 47#	
20	6888GT	SCREW, HHC, 1/4-20 X 1	
21	6356GT	WASHER, LOCK, .25	

201.1 Steer End



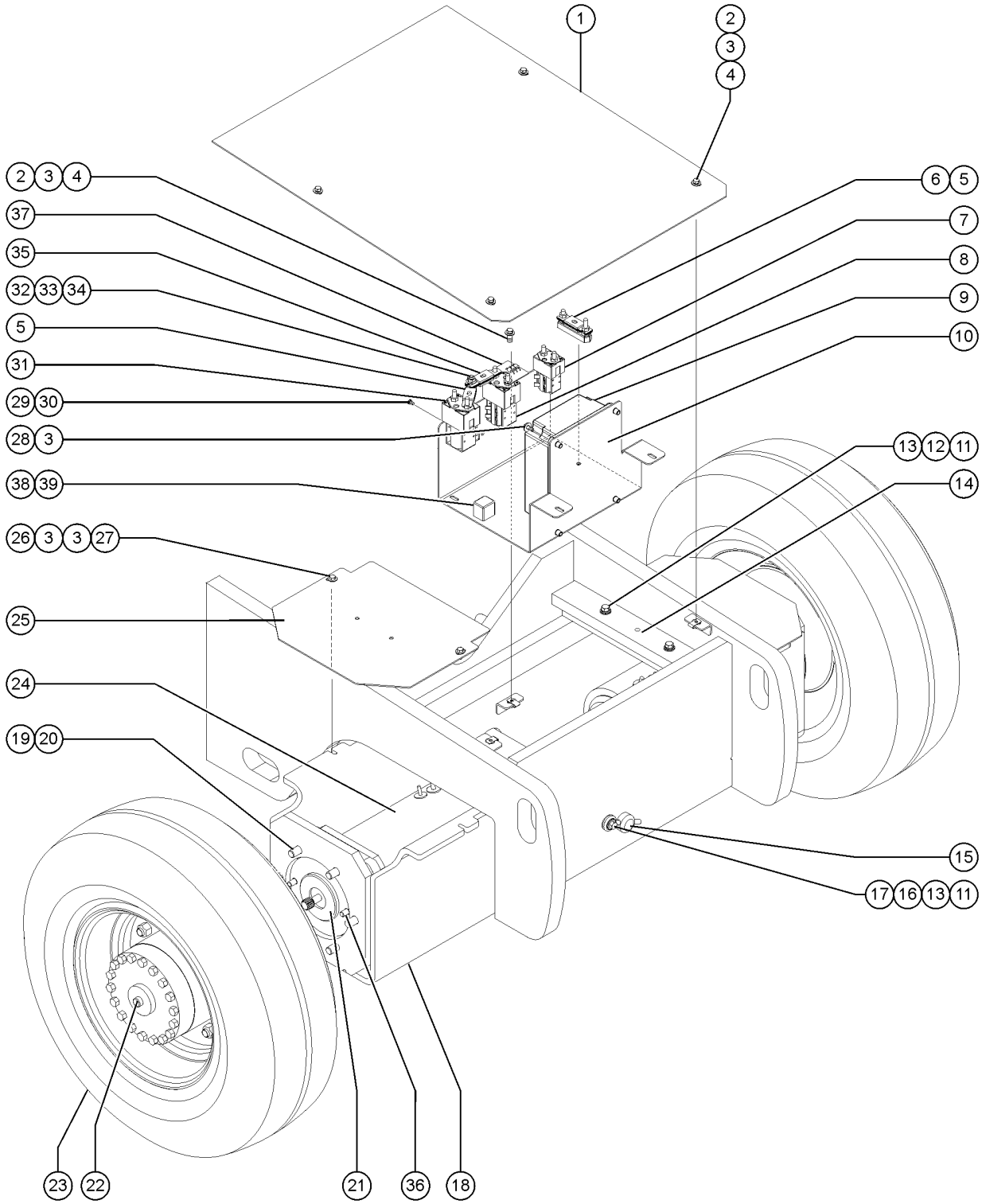
Item	*Part No.*	*Description*	*Qty.*
22	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	

202.1 Non-steer End



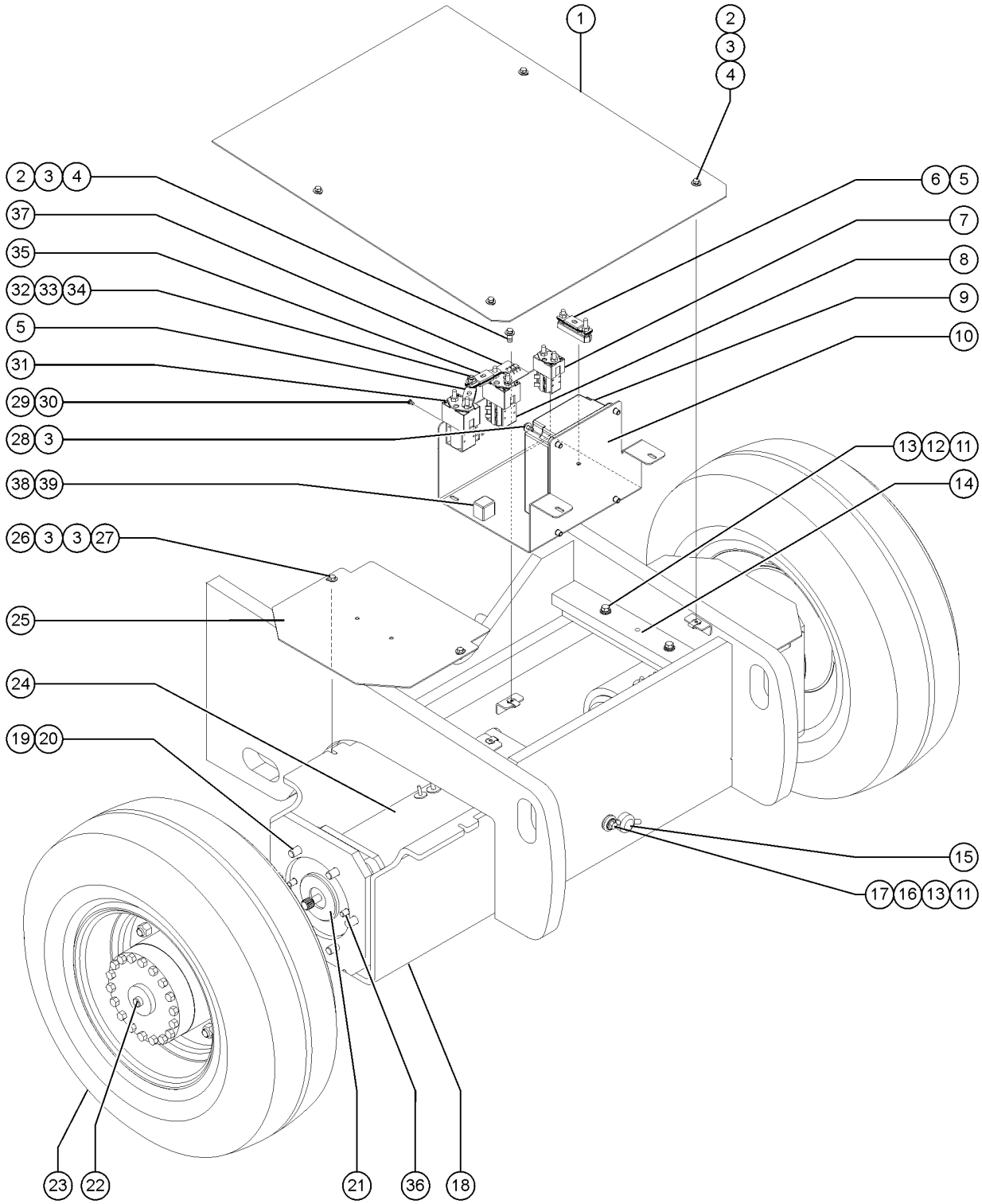
Item	Part No.	Description	Qty.
1	52707-SGT	COVR W/DECALS,NON-STEER Z45/25	
2	6090GT	SCREW, HHC, 1/4-20 X .75	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
5	18576GT	FUSE,200 AMP	
6	66717GT	FUSE BLOCK, ANN & ANL FUSE	
7	74268GT	CONTACTOR,AUX PUMP 24V,80A***	
7-	22263GT	CONTACT,STATIONARY,19549RELAY*	
7-	22262GT	CONTACT,MOVING,19549RELAY*	
7-	74495GT	SPRING, RETURN (FOR 74268)	
8	74267GT	CONTACTOR,DRIVE,24V,180A***	
8-	74469GT	FIXED CONTACT (FOR 74267)	
8-	74470GT	MOVING CONTACT (FOR PN 74267)	
8-	74468GT	SPRING, RETURN (FOR 74267)	
9	128337GT	CONTROLLR,SEPEX MOTOR,Z45DC/BE	
9-	56030GT	TERMINAL,MOLEX 16 GAUGE***	
9-	56561GT	TOOL,TERMINAL CRIMPER,MOLEX***	
9-	56562GT	TOOL,TERMINAL EXTRACTOR,MOLEX	
9-	54628GT	RETROFIT KIT,SEPEX CONTROLLER	
10	54496-SGT	PLATE,CONTACTOR MNT,W/SERT,PNT to SN 17543	
10-	70657PGT	PLATE,CONTACTOR MOUNT,Z45,PTD from SN 17544	
11	6708GT	SCREW,HHC,3/8-16 X 2.25	
12	6021GT	WASHER, LOCK, .375	
13	5397GT	WASHER, FLAT, USS, 5/16-18	
14	50668-SGT	BAR, AXLE ROTATION STOP	
14-	50669GT	SHIM,AXLE ROTATION STOP,22GA	
14-	119210GT	SHIM,AXLE ROTATION STOP,12GA	
15	54542GT	PIN,1.50DIAX20.00LG,CHAMFER	

202.1 Non-steer End



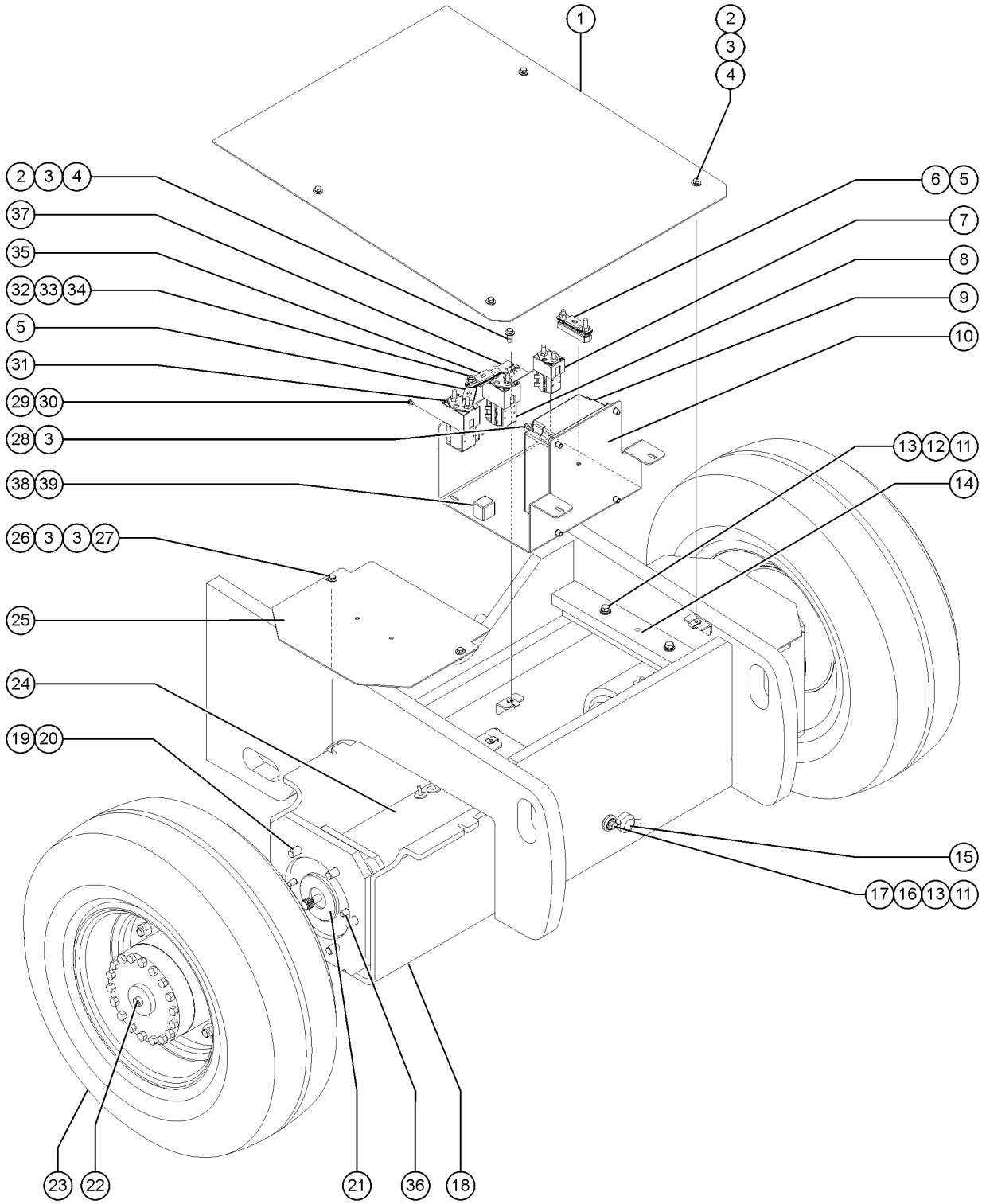
Item	Part No.	Description	Qty.
16	825019GT	ROD END, .375X3.69, ZAG	1
17	4828GT	NUT, NYLOCK, 3/8-16	
18	52732GT	AXLE ASSY,NON-STR,NARROW BASE to SN 17543	
18-	77302GT	AXLE ASSY,NON-STR,NARROW BASE from SN 17544	
18-	45071GT	BEARING,1.5IDX1.75ODX1.5L	
19	19418GT	SCREW,SHC,5/8-11 X 1.75	
20	13064GT	WASHER,FLAT,.625 HARDENED	
21	139351GT	BRAKE, NEMA, 1200 IN/LB	
21-	65608GT	BEARING KIT, AUSCO*** for 139351	
21-	139353GT	STACK KIT, AUSCO 1200 IN/LB for 139351	
21-	139354GT	O-RING KIT, AUSCO 1200 IN/LB for 139351	
21-	139355GT	GASKET KIT, AUSCO 1200 IN/LB for 139351	
21A-	83022GT	SEAL KIT, 54861 For brake 54861; check stamp on part prior to ordering	
21A-	52833GT	LINING KIT-AUSCO BRK (56272)** For brake 54861; check stamp on part prior to ordering	
21A-	52900GT	BEARING KIT-AUSCO(56272)*** For brake 54861; check stamp on part prior to ordering	
21B-	233807GT	BRAKE REPLACEMENT KIT For brake 94877; check stamp on part prior to ordering	
21B-	65618GT	SEAL KIT,BRAKE*** For brake 94877; check stamp on part prior to ordering	
21B-	94879GT	LINING KIT*** For brake 94877; check stamp on part prior to ordering	
21B-	94880GT	BEARING KIT For brake 94877; check stamp on part prior to ordering	
21C-	233807GT	BRAKE REPLACEMENT KIT For brake 101966; check stamp on part prior to ordering	1
21C-	65618GT	SEAL KIT,BRAKE*** For brake 101966; check stamp on part prior to ordering	
21C-	94879GT	LINING KIT*** For brake 101966; check stamp on part prior to ordering	
21C-	94880GT	BEARING KIT For brake 101966; check stamp on part prior to ordering	
22A	56338GT	TORQUE HUB,47:1 W1 "B" MOUNT** to SN 13253	
22A-	1286606GT	SEAL KIT,TORQUE HUB (20193)	
22A-	21149GT	LUG,WHEEL STUD,5/8-18,W1/4HB**	
22A-	21143GT	BEARING KIT (45553) TORQUE HUB	
22A-	58448GT	KIT,TORQUE HUB COVER (45553)**	

202.1 Non-steer End



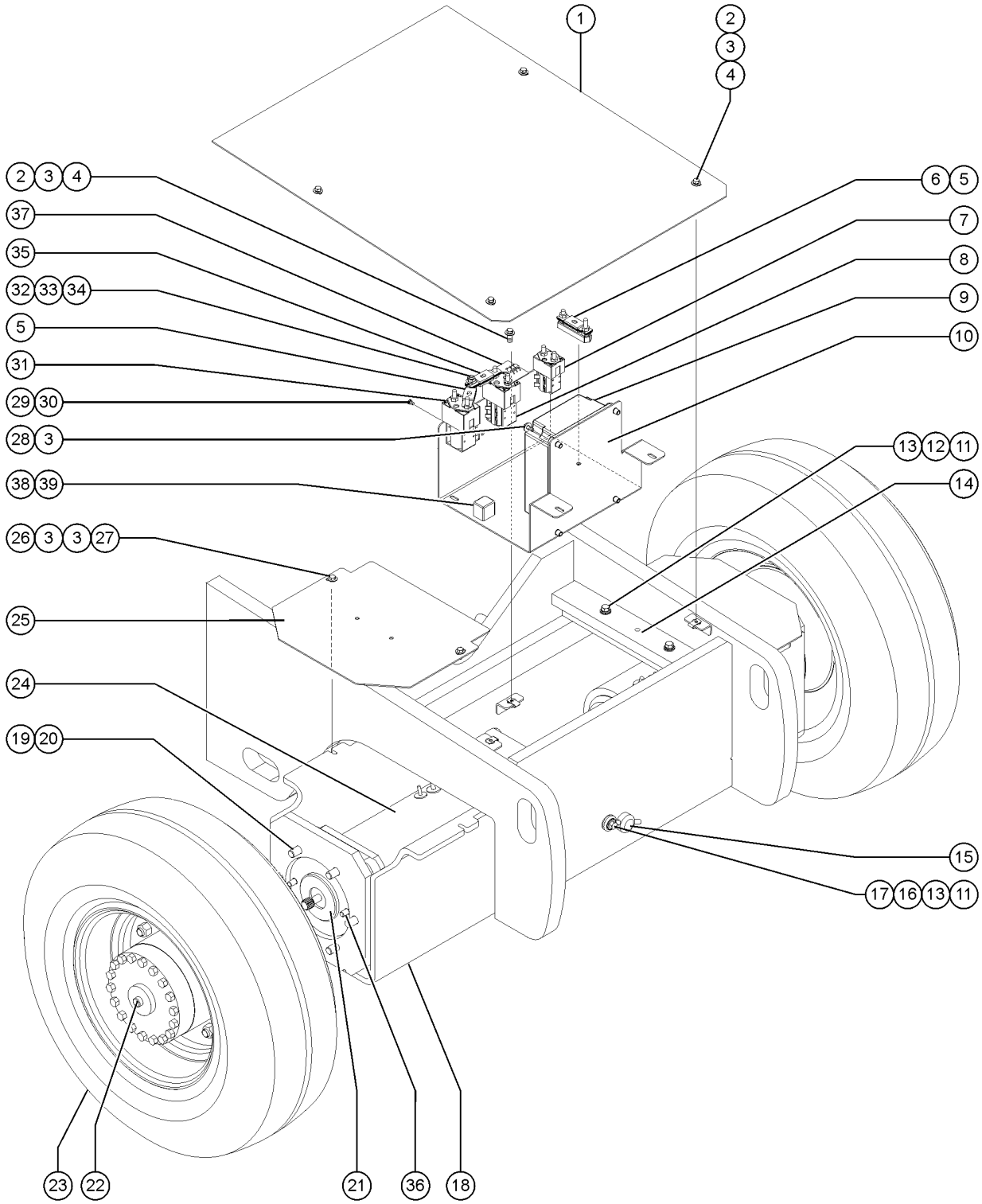
Item	Part No.	Description	Qty.
22A-	37097GT	O-RING, TORQUE HUB	
22A-	21148GT	WASHER,THRUST,TORQUE HUB	
22A-	21146GT	COVER CAP,TORQUE HUB***	
22A-	21144GT	CAP,DISENGAGE-45553 TORQUE HUB	
22A-	21145GT	DISCONNECT ROD-45553 TQ.HUB	
22B	56338GT	TORQUE HUB,47:1 W1 "B" MOUNT** from SN 21100 to SN 22501	
22B-	1286606GT	SEAL KIT,TORQUE HUB (20193)	
22B-	1286606GT	SEAL KIT,TORQUE HUB (20193) for 56338	
22B-	21149GT	LUG,WHEEL STUD,5/8-18,W1/4HB**	
22B-	21143GT	BEARING KIT (45553) TORQUE HUB	
22B-	58448GT	KIT,TORQUE HUB COVER (45553)**	
22B-	58438GT	KIT,COVER,TORQUE HUB,45553***	
22B-	74099GT	DISCONNECT ROD (56338)	
22B-	37097GT	O-RING, TORQUE HUB	
22B-	21148GT	WASHER,THRUST,TORQUE HUB	
22B-	21146GT	COVER CAP,TORQUE HUB***	
22B-	21144GT	CAP,DISENGAGE-45553 TORQUE HUB	
22B-	21145GT	DISCONNECT ROD-45553 TQ.HUB	
22C		WHEEL DRIVE,EW1,48:1"B"MOUNT from SN 17093 to SN 21099 (order 106148; see item 22E below)	
22C-	21146GT	COVER CAP,TORQUE HUB***	
22C-	58448GT	KIT,TORQUE HUB COVER (45553)**	
22C-	21149GT	LUG,WHEEL STUD,5/8-18,W1/4HB**	
22C-	37097GT	O-RING, TORQUE HUB	
22C-	58237GT	PLUG,TORQUE HUB,DRAIN***	
22C-	58428GT	DISCONNECT ROD (74097)	
22C-	1302087GT	O-RING (9400134) for 58428	
22C-	58438GT	KIT,COVER,TORQUE HUB,45553***	
22C-	72307GT	SEAL KIT, TORQUE HUB(74097)*	

202.1 Non-steer End



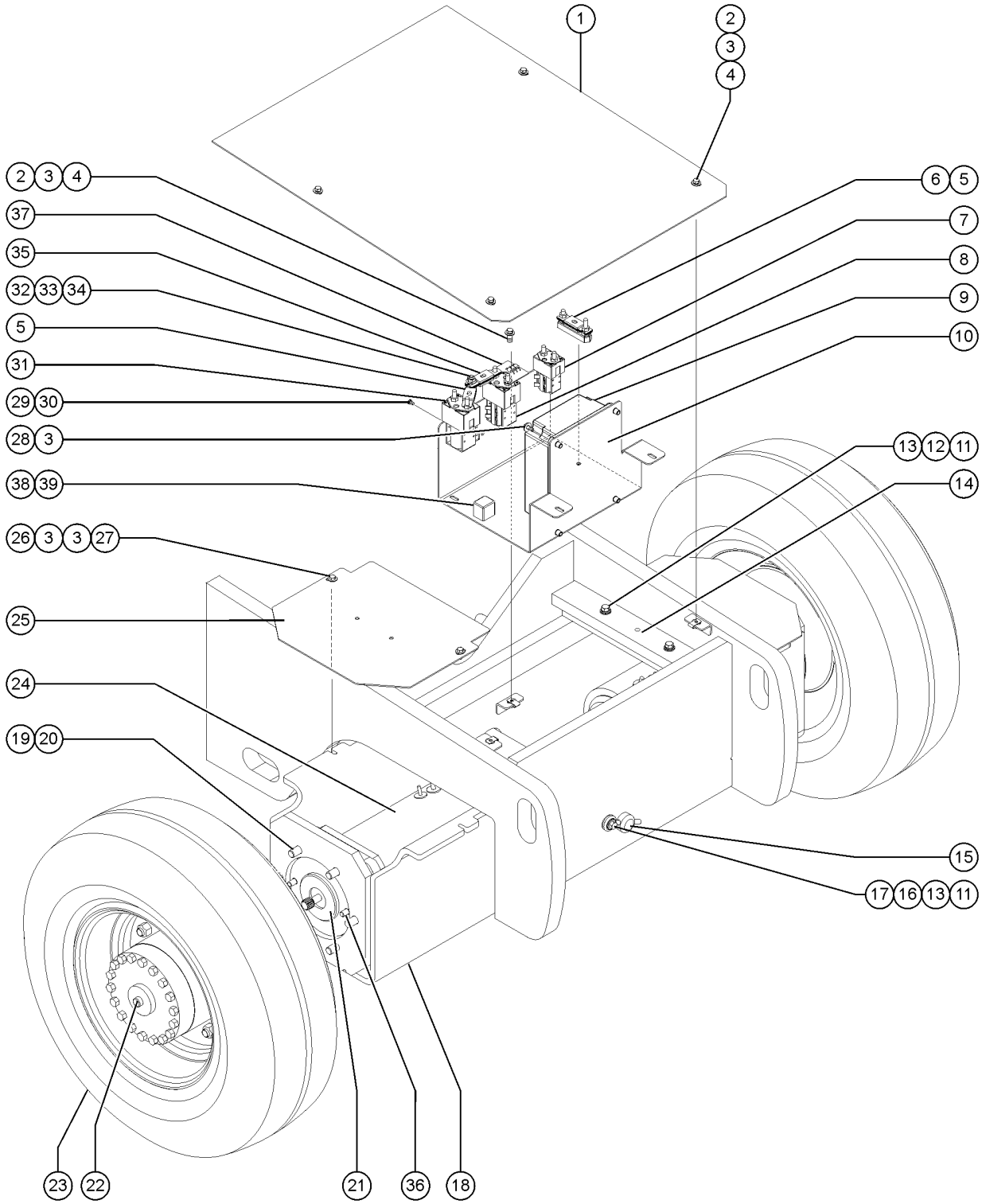
Item	Part No.	Description	Qty.
22C-	106122GT	CAP,DISENGAGE,4HP/4HB***	
22C-	74375GT	WASHER,THRUST,TORQUE HUB,74097	
22C-	74714GT	BEARING KIT-74097 TORQUE HUB** (inventory limited to stock on hand as component is no longer available), replace by 1286601GT	
22C-	1286601GT	BEARING KIT,WHEEL DRIVE (106148/106445/107712)	
22D		WHEEL DRIVE,EW1,48:1"B"MOUNT from SN 22502 to SN 23764 (order 106148; see item 22E below)	
22D-	83110GT	COVER END,TORQUE HUB (74097)	
22D-	58448GT	KIT,TORQUE HUB COVER (45553)**	
22D-	21149GT	LUG,WHEEL STUD,5/8-18,W1/4HB**	
22D-	37097GT	O-RING, TORQUE HUB	
22D-	58237GT	PLUG,TORQUE HUB,DRAIN***	
22D-	58428GT	DISCONNECT ROD (74097)	
22D-	1302087GT	O-RING (9400134) for 58428	
22D-	58438GT	KIT,COVER,TORQUE HUB,45553***	
22D-	72307GT	SEAL KIT, TORQUE HUB(74097)*	
22D-	106122GT	CAP,DISENGAGE,4HP/4HB***	
22D-	74375GT	WASHER,THRUST,TORQUE HUB,74097	
22D-	74714GT	BEARING KIT-74097 TORQUE HUB** (inventory limited to stock on hand as component is no longer available), replace by 1286601GT	
22D-	1286601GT	BEARING KIT,WHEEL DRIVE (106148/106445/107712)	
22E	106148GT	WHEEL DRIVE,4HB,48:1*** from SN 23765 (Seal Kit 1286600, Bearing Kit 1286601)	
22E-	58320GT	KIT,TORQUE HUB COVER(101584)** for 106148	
22E-	215777GT	INPUT CARRIER, SUB-ASSEMBLY for 106148	
22E-	106117GT	O-RING,2-010,VITON for 106148 (Mating O-ring for Brake Port)(Extremely small)	
22E-	1286600GT	SEAL KIT,WHEEL DRIVE (106148/106445/107712) for 106148 (inventory limited to stock on hand as component is no longer available)	
22E-	1286600GT	SEAL KIT,WHEEL DRIVE (106148/106445/107712) for 106148	
22E-	106120GT	WHEEL STUD, 4HP, 5/8-18*** for 106148	
22E-	106121GT	ROD,DISCONNECT 4HP/4HB*** for 106148	
22E-	106122GT	CAP,DISENGAGE,4HP/4HB*** for 106148	

202.1 Non-steer End



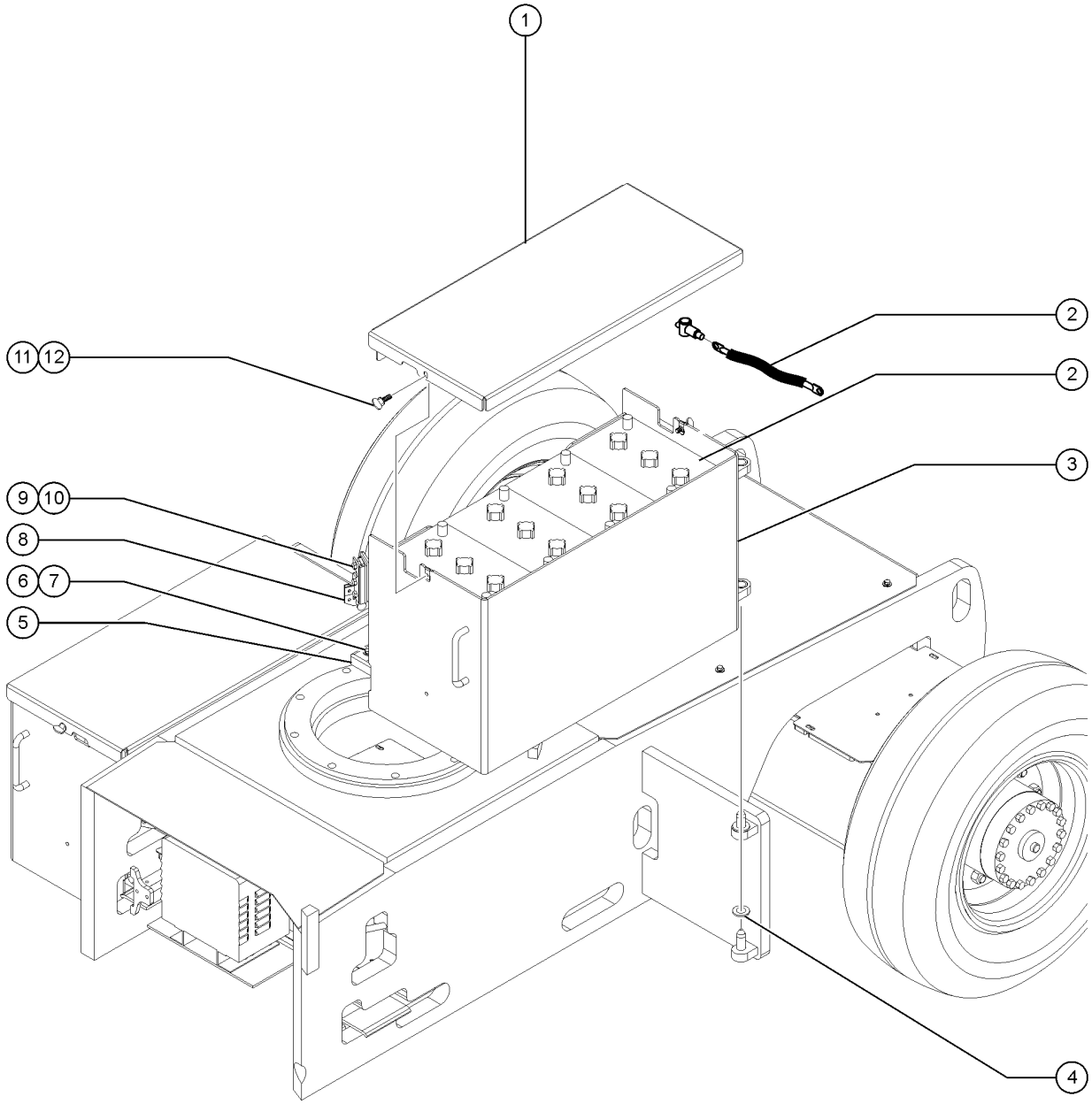
Item	Part No.	Description	Qty.
22E-	106123GT	O-RING,END COVER,4HP/4HB*** ..... for 106148	
22E-	106124GT	LINING KIT, BRAKE, 4HP*** ..... for 106148	
22E-	106125GT	SEAL KIT, BRAKE, 4HP for 106148 (inventory limited to stock on hand as component is no longer available), replace by 1286602GT	
22E-	1286602GT	SEAL KIT,WHEEL DRIVE W/BRAKE (101584/101585) ..... for 106148	
22E-	1286603GT	BEARING KIT,WHEEL DRIVE W/BRAKE (101584/101585) ..... for 106148	
22E-	146051GT	BEARING NUT*** ..... for 106148	
22E-	232486GT	SNAP RING,WHEEL DRIVE ..... for 106148	
22E-	146052GT	SET SCREW*** ..... for 146051	
22E-	9990074GT	COUPLING ..... for 106148 (brake coupler)	
23	54137GT	TIRE/WHL ASSY,9 ON 9.5 BC 74#	
23-	1267780GT	TIRE/WH ASSY,9 LG,FOAM,NS REAR ..... (non-steer end)	2
23-	54140GT	TUBELESS PNEUMATIC TIRE,9-14LT	
23-	54139GT	WHEEL,14.5 X 7	
23-	54235GT	TIRE ASSY,9 ON 9.5,N/MARK,78**	
23-	1267782GT	TIRE/WH ASSY,9LG,NM,FOAM,NS RE ..... (non-steer end)	
23-	54234GT	TUBELESS TIRE,9-14.5,NON-M 47#	
24	56282GT	MOTOR,SEP-EX,24V*** ..... AMD motor; check stamp on part prior to ordering	2
24-	37189GT	SPRING, BRUSH RETAINER, 36182* ..... for AMD motor 56282	
24-	147187GT	BRUSH KIT, DRIVE MOTOR ..... for AMD motor 56282	
24-	62105GT	BRUSH HOLDER(56282) ..... for AMD motor 56282	
24-	44778GT	BEARING,MOTOR,36843,BRUSH END* ..... for AMD motor 56282	
24-	T108673GT	KIT, 24V SEP-EX DRIVE MOTORS Replacement kit for GE motor 94197; check stamp on part prior to ordering (kit contains qty 2 x 56282 motor)	
24B	94315GT	BRUSH KIT,GE DRIVE MOTOR*** ..... for GE motor 94197; check stamp on part prior to ordering	
24B	94316GT	BRUSH RETAINING SPRING,DR MTR ..... for GE motor 94197; check stamp on part prior to ordering	
24B	94317GT	BEARING KIT,GE DRIVE MOTOR*** ..... for GE motor 94197; check stamp on part prior to ordering	
25	50768-SGT	PLATE, COVER REAR AXLE STANDAR	
25-	77024GT	COVER,FORMED REAR AXLE,NRRW	

202.1 Non-steer End



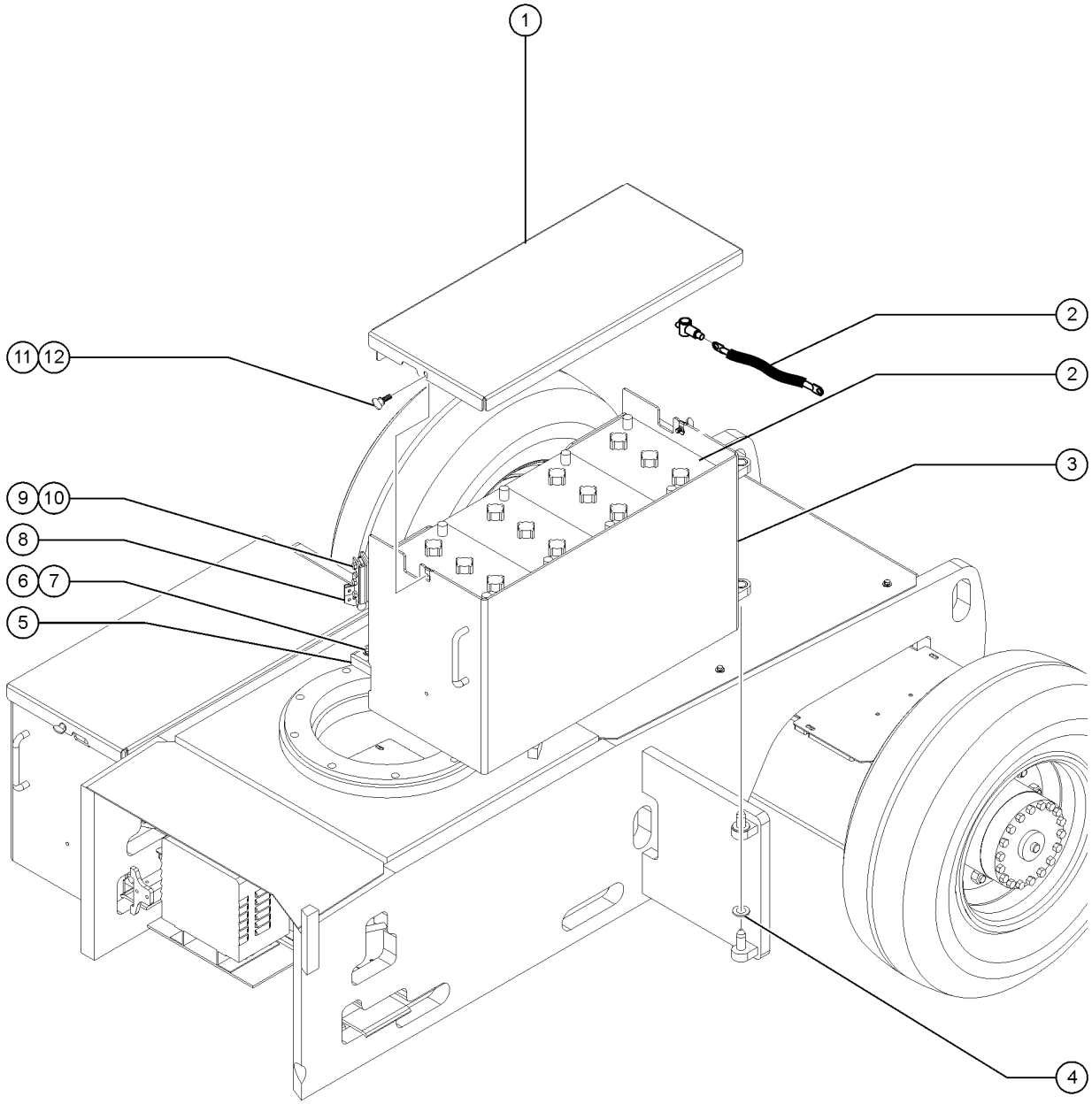
Item	Part No.	Description	Qty.
25-	70655GT	AXLE COVER, NARROW	
26	8915GT	SCREW, HHC, 1/4-20 X 1.25	
27	6091GT	NUT,NYLOCK,1/4-20	
28	8914GT	SCREW, HHC, 1/4-20 X .625	
29	49818GT	SCREW,PHILLIPS,PHM,10-32 X .38	
30	6607GT	WASHER,LOCK,#10 PLTD	
31	1270457GT	CONTACTOR, DRIVE, 24V, 180A UNBRANDED	
31-	62695GT	CONTACT,STATIONARY (56434)**	
31-	62696GT	CONTACT-MOVEABLE (56434)**	
31-	74471GT	SPRING,RETURN (74266)	
32	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
33	6886GT	WASHER,LOCK,.313	
34	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	
35	43179GT	FUSE,500 AMP,VERY FAST ACTING	
36	74137GT	SCREW,SHC,1/2-13 X 3.25 to SN 23209	
36-	50576GT	SCREW,SHC,1/2-13 X 3.00 from SN 23210	
37	56930GT	DIODE,PCB DRIVE CONTACTOR**	1
38	823226GT	POWER RELAY, 24V COIL models with drive lights	1
39	61226GT	RELAY SOCKET,70AMP models with drive lights	1

203.1 Battery Packs



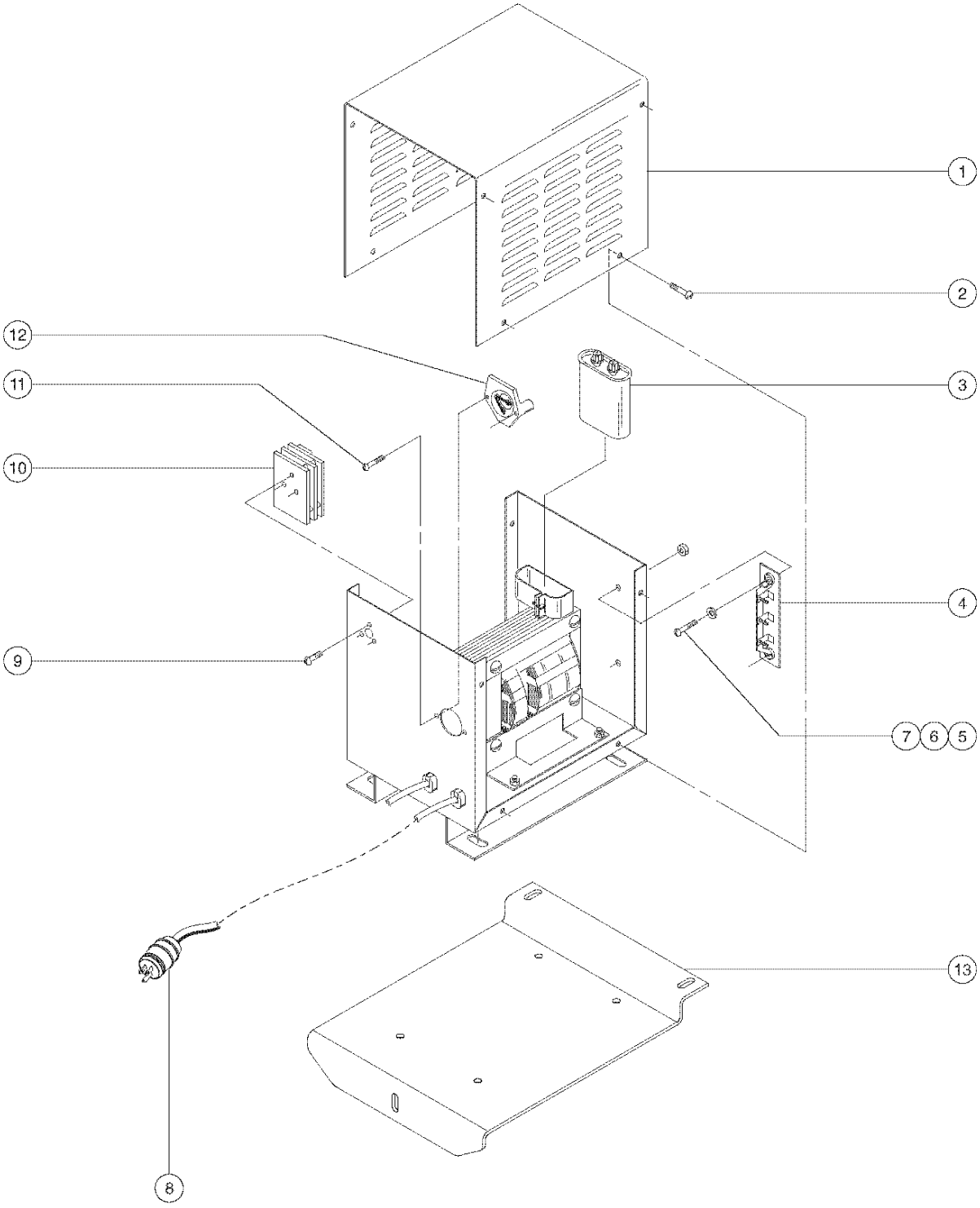
Item	Part No.	Description	Qty.
1	52924-SGT	COVER, BATTERY BOX W/DECALS to SN 21539	
1-	94001GT	LID-BATTERY BOX W/DECALS** from SN 21540	
2	56461GT	BATTERY, 390AH L16,WET	8
2A	19520GT	BATTERY CABLE ASSY,9.5"JUMPER	6
2A-	51147GT	BOOT,CABLE TERMINAL,LG,RED,2/0	
2B	139011-SGT	SERV KIT,HARN ASSY,PWR BATT PK DC and Bi-energy, tank side (two cables)	2
2B-	51147GT	BOOT,CABLE TERMINAL,LG,RED,2/0	
2B-	128465GT	CABLE ASSY #2 RED BATT	
2B-	128466GT	CABLE ASSY #2 BLK AP1/AP2 BATT	
2C	139041GT	HARN ASSY, POWER PACK AP2 Bi-energy, controls side (two cables, one jumper wire)	1
2C-	128465GT	CABLE ASSY #2 RED BATT	
2C-	128466GT	CABLE ASSY #2 BLK AP1/AP2 BATT	
2C-	51147GT	BOOT,CABLE TERMINAL,LG,RED,2/0	
3A	52921-SGT	BATT.BOX W/DECALS,GRD.CTL.SIDE to SN 21539	
3A-	94003GT	BATTERY BOX ASSY,CONTRL SIDE** from SN 21540	
3A-	36369GT	BEARING,0.75IDX1.00ODX0.75L	
3B	52920-SGT	BATT.BOX W/DECALS,CONTROL SIDE to SN 21539	
3B-	94002GT	BATTERY BOX ASSY,TANK SIDE*** from SN 21540	
3B-	36369GT	BEARING,0.75IDX1.00ODX0.75L	
4	36212GT	WASHER,THRUST,.75 X 1.38X.13	
5	45209GT	WEAR PAD,4X2X.5 W/INSERT***	
6	6888GT	SCREW, HHC, 1/4-20 X 1	
7	6638GT	WASHER, FLAT, USS, 1/4"Y	
8A	66901GT	LATCH,ROTARY, W/KNOB,RIGHT (shown) installed on LEFT side of chassis	
8B	66900GT	LATCH,ROTARY, W/KNOB, LEFT installed on RIGHT side of chassis	
9	13000GT	SCREW,HHC,5/16-18 X 1.25	
10	6002GT	NUT, LP NYLOCK, 5/16-18	
11	36424GT	THUMB SCREW W/SHOULDER 3/8-16	

203.1 Battery Packs

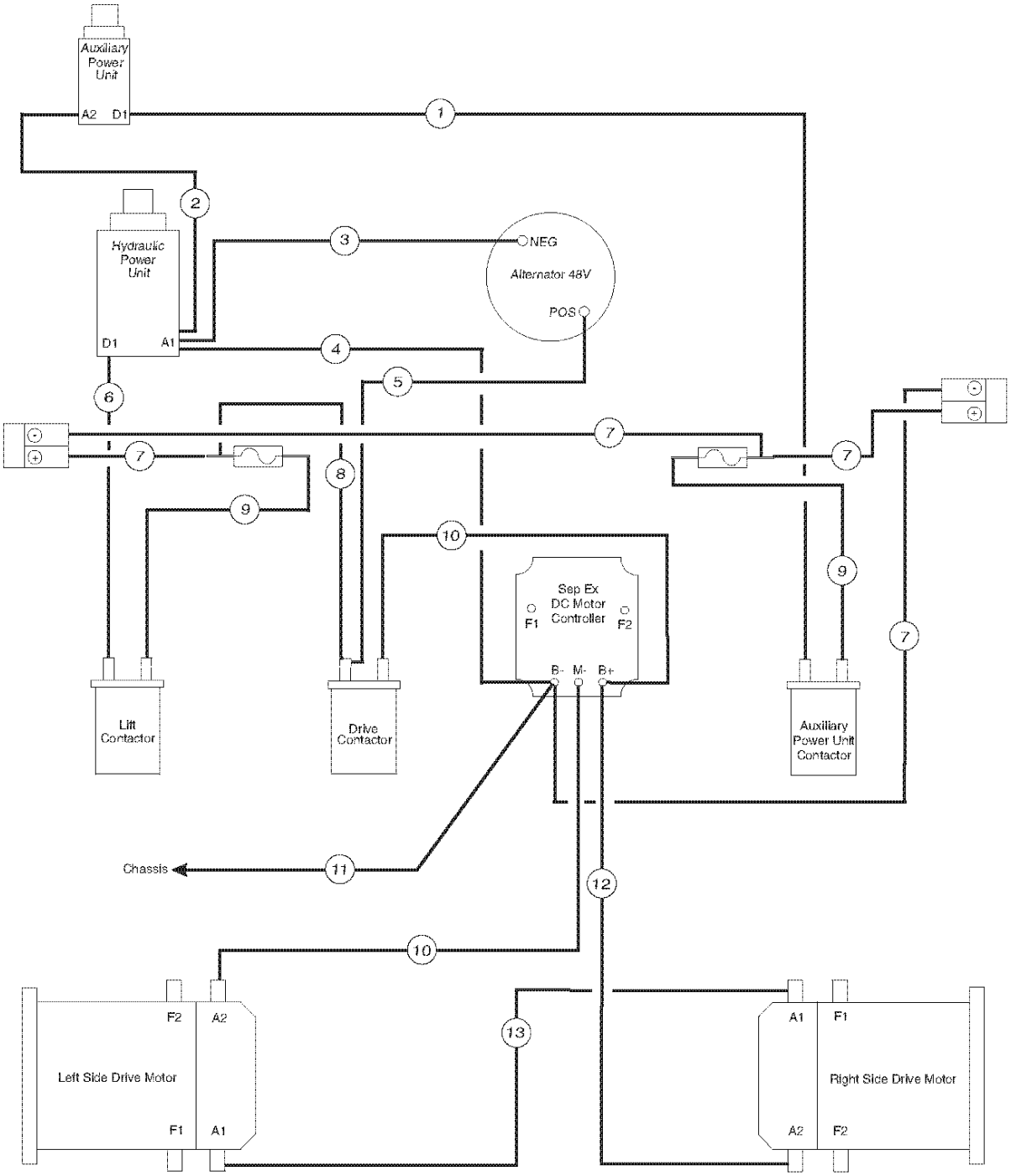


Item	*Part No.*	*Description*	*Qty.*
12	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	

204.1 Battery Charger

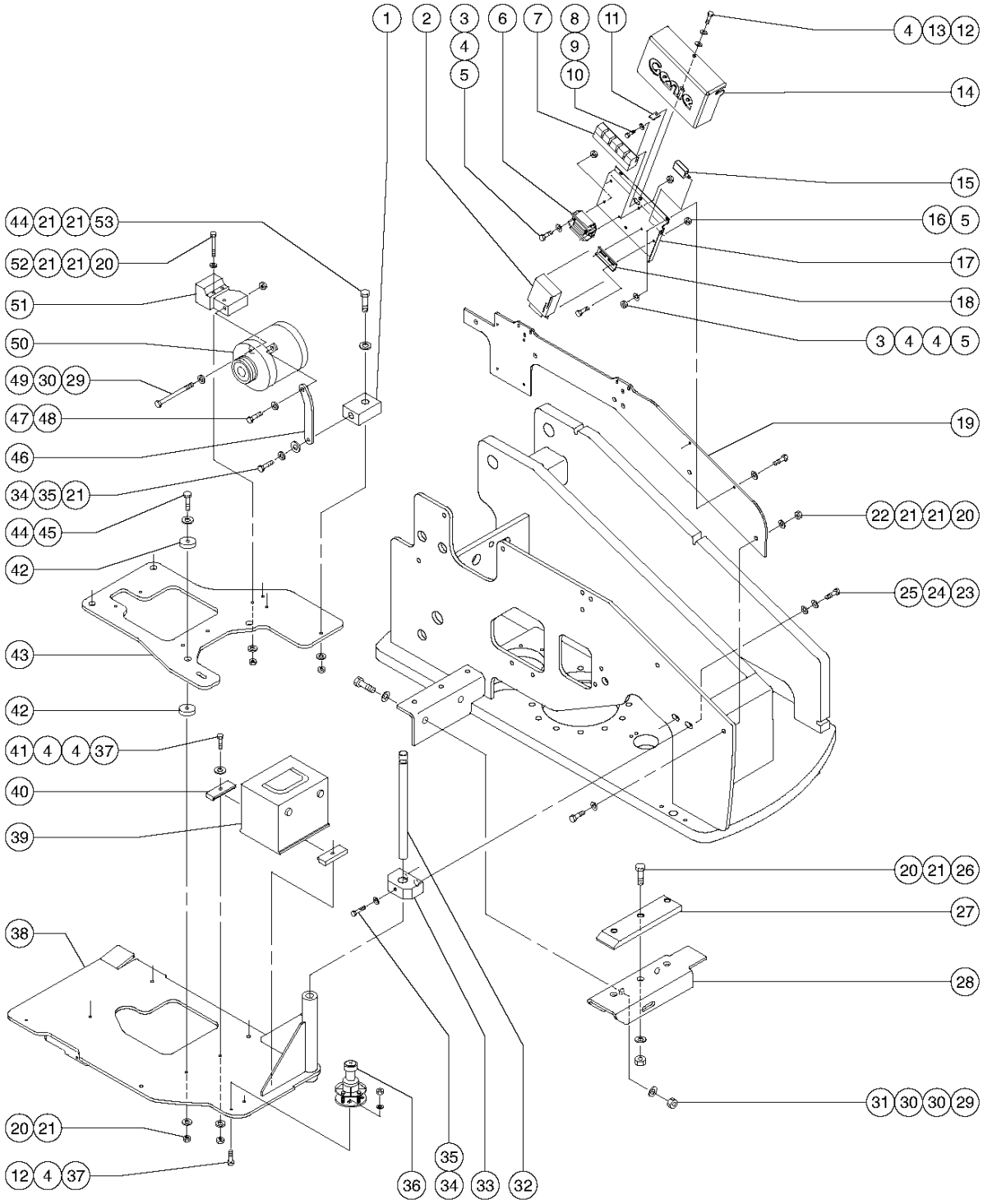


Item	Part No.	Description	Qty.
	54794GT	CHARGER,48V,110VAC,60H,25A	
	54795GT	CHARGER,48V,200-250VAC,50H,25A	
	54796GT	CHARGER,48V,200-250VAC,60H,25A	
	54797GT	CHARGER,48V,100-125VAC,60H,25A	
	58494GT	CHARGER,48V,110/60,12A,EERATNG	
	128375GT	CHARGER 48V/30A AUTO AC X-LED (order power cord separately)	
	139720GT	KIT,UNIV CHRGR UPGRADE,Z40/Z45 (from SN Z4525-10000 to Z4525-38701)	
	133286GT	DECAL, POWER TO CHARGER, UNIV (from SN Z4525-10000 to Z4525-38701)	
1	40532GT	CASE COVER ONLY 18710/18720	
2	52916GT	SCREW,10ABX.50",PNHD,ST(41896)	
3	13008-3GT	CAPACITOR,6 MFD,660VAC-CHARGR*	
4	27262GT	HEATSINK ASSY W/DIODES (23442)	
5	52918GT	SCREW,HH,10-32 X 3/4"(41896)	
6	6146GT	WASHER,FLAT,MS,#10,Y	
7	6178GT	NUT, NYLOCK, 10-32	
8	119403GT	CONN,PLUG 120 AC/15A DOMESTIC	
8-	144161GT	PLUG,PWR,UK,16AMP,3PIN,BLK	
8-	25388GT	PLUG,FUSED,250V,13AMP,U.K.**	
8-	1280665GT	PLUG, TYPE F, 230A, 50HZ, 16A, IP44	
9	52917GT	SCREW,8ABX3/8",PNHD-S.T(41896)	
10A	27263GT	TIMER (23442)(41896)(36314) for Genie part 54794	
10A-	18078GT	RELAY,CHARGER TIMER**	
10B	27830GT	TIMER(24059,41897,41898,41899) for Genie parts 54795, 54796, 54797	
10B-	19533GT	RELAY,CHARGER .TIMER(19531/32)	
11	52919GT	SCREW,PHM, NO.7X0.625"(41896)	
12	13008-6GT	FUSE ASSY-BOOM CHARGER	
13	60060-SGT	FORMING,CHARGER PLATE,PAINTED	


Auxiliary Power Unit
A2
D1
1
2
Hydraulic Power Unit
D1
A1
3
NEG
Alternator 48V
POS
4
5
6
7
8
9
10
Sep Ex DC Motor Controller
F1
F2
B-
M-
B+
Lift Contactor
Drive Contactor
Auxiliary Power Unit Contactor
Chassis
11
12
13
F2
A2
Left Side Drive Motor
F1
A1
A1
F1
Right Side Drive Motor
A2
F2

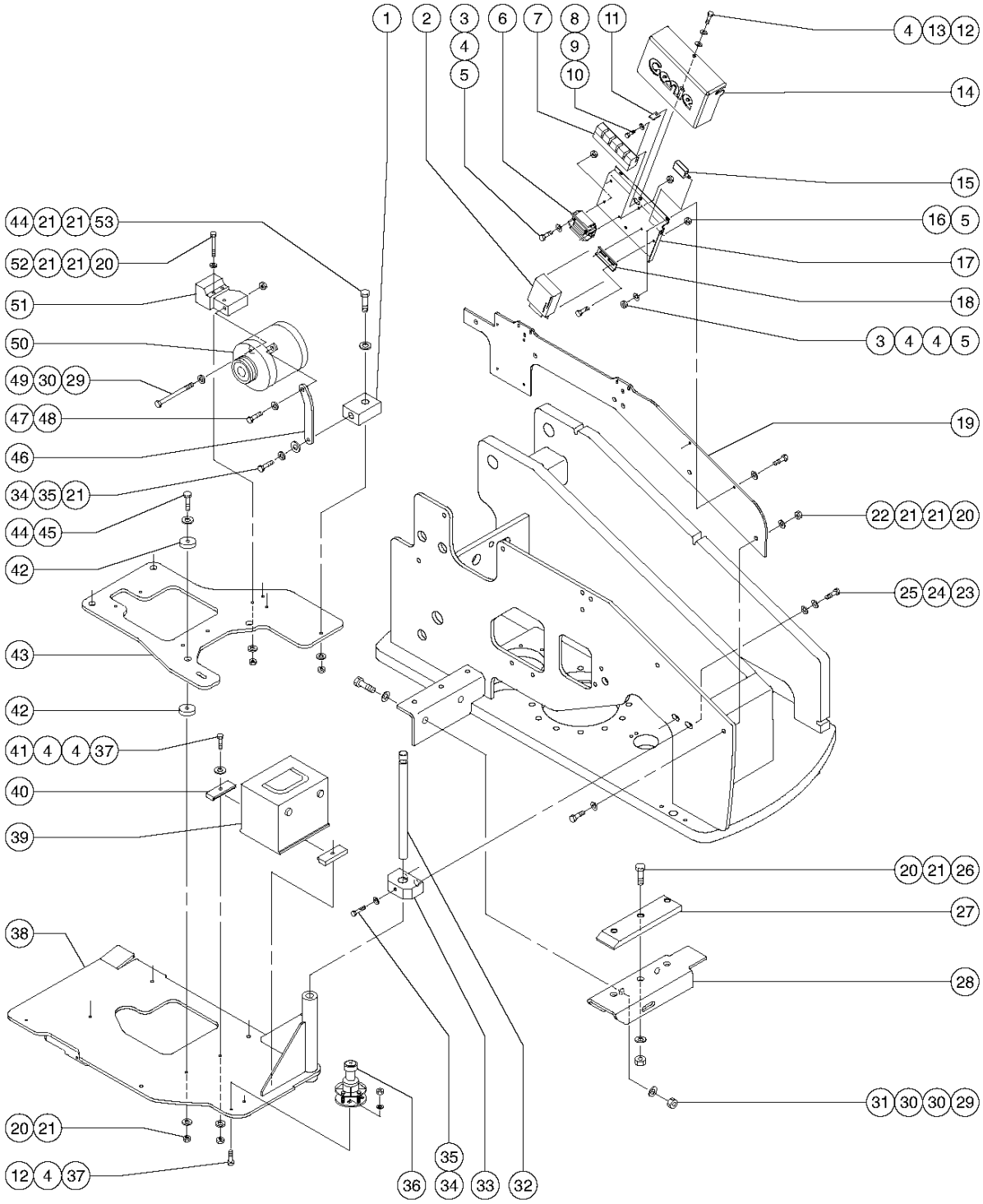
Item	*Part No.*	*Description*	*Qty.*
1	62090-SGT	CABLE ASSY - 100" RED (45/25)	
2	62091-SGT	CABLE ASSY - 7" BLACK (45/25)	
3	62092-SGT	CABLE ASSY/38" BLK (BI-E ONLY)	
4	62093-SGT	CABLE ASSY/100" BLK (45/25)	
5	62094-SGT	CABLE ASSY/84" RED (BI-E ONLY)	
6	62095-SGT	CABLE ASSY/100" RED (45/25)	
7A	62096-SGT	BATTERY CABLE CONNECTOR 45/25 DC	
7B	62096-SGT	BATTERY CABLE CONNECTOR 45/25 Bi-Energy	
7B-	62097-SGT	WIRE ASSY-PWR PAN TO ENG HARN	
7B-	128138GT	CONN HOUSING SBX175, BATT	
8	62098-SGT	CABLE ASSY/20" RED (45/25)	
9	62099-SGT	CABLE ASSY-13" RED (45/25)	
10	62100-SGT	CABLE ASSY-17" RED (45/25)	
11	54305-SGT	STRAP ASSEMBLY, CHASSIS GROUND	
12	62101-SGT	CABLE ASSY-14" BLK (45/25)	
13	62102-SGT	CABLE ASSY-31" RED (45/25)	

301.1 Engine Pivot Plate Components



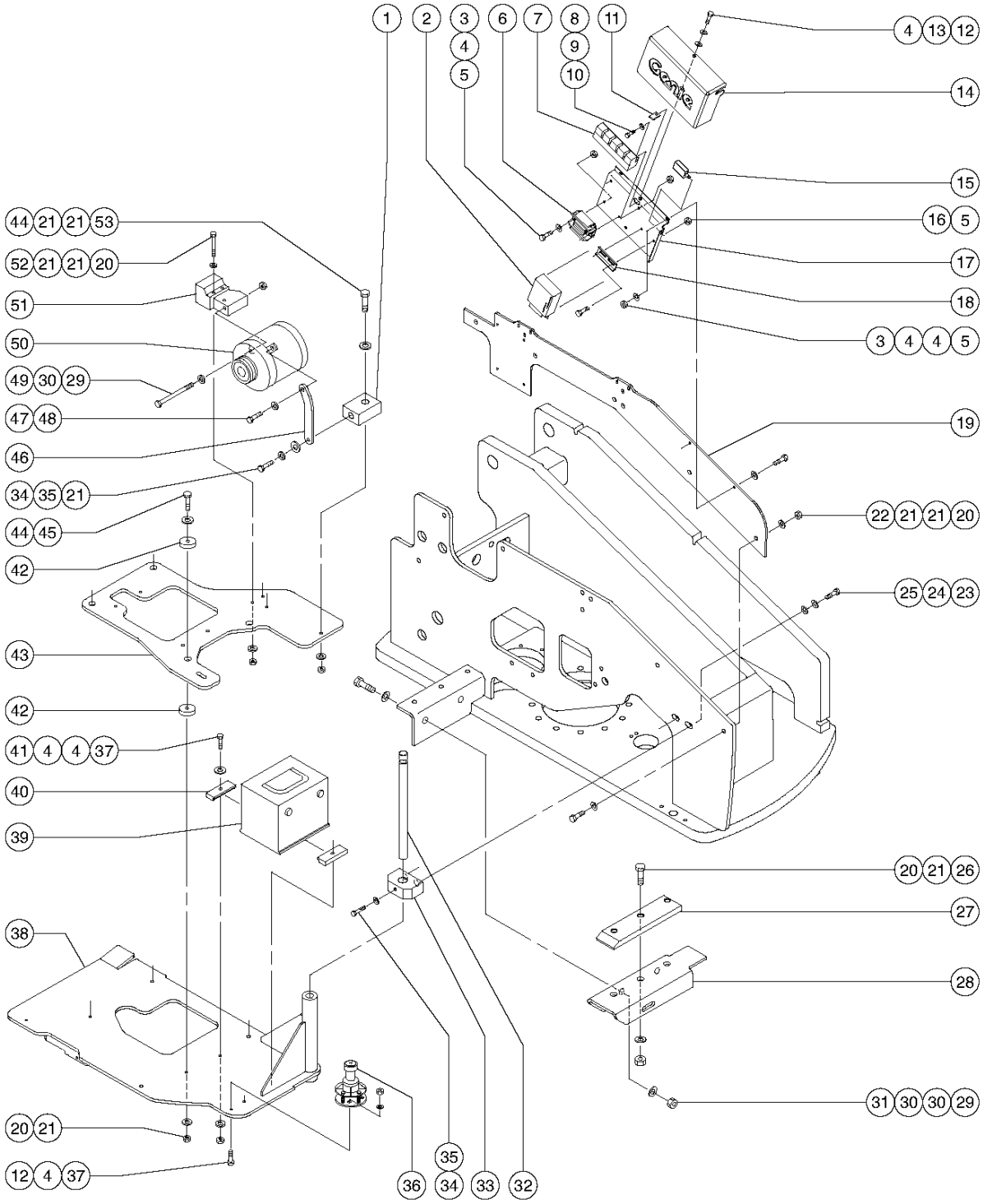
Item	Part No.	Description	Qty.
1	54193GT	PLATE,ALTERNATOR ADJUSTMENT	
2	56057GT	MODULE,IGNITION/START,12/24V	
3	6888GT	SCREW, HHC, 1/4-20 X 1	
4	6638GT	WASHER, FLAT, USS, 1/4"Y	
5	6091GT	NUT,NYLOCK,1/4-20	
6	62085GT	REGULATOR-VOLTAGE(Z482-E)	
7A	56302GT	RELAY,24VDC,40/30A,SEALED***	5
7B	823226GT	POWER RELAY, 24V COIL	1
8	49826GT	SCREW,PHILLIPS,PHM,10-32 X.625	
9	6146GT	WASHER,FLAT,MS,#10,Y	
10	6178GT	NUT, NYLOCK, 10-32	
11	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
12	6090GT	SCREW, HHC, 1/4-20 X .75	
13	6356GT	WASHER, LOCK, .25	
14	60146GT	RELAY PANEL COVER	
15	147094GT	ASSY, CIRCUIT BREAKER 15A includes mounting fasteners	
16	7339GT	SCREW,HHC,1/4-20 X .5	
17	60136-SGT	PANEL,RELAY PAINTED	
18	42315GT	DIN RAIL,6.38"	
19	60000-SGT	BULKHEAD,SWING CHASSIS,LH,PAIN	
20	4828GT	NUT, NYLOCK, 3/8-16	
21	5397GT	WASHER, FLAT, USS, 5/16-18	
22	8516GT	SCREW, HCC, 3/8-16 X 1.50	
23	19418GT	SCREW,SHC,5/8-11 X 1.75	2
24	6036GT	WASHER,LOCK,.625 PLTD	
25	13064GT	WASHER,FLAT,.625 HARDENED	2
26	17712GT	SCREW,FHS,3/8-16 X 1.75	
27	50519GT	LOAD PAD,ENGINE TRAY SUPPORT	

301.1 Engine Pivot Plate Components



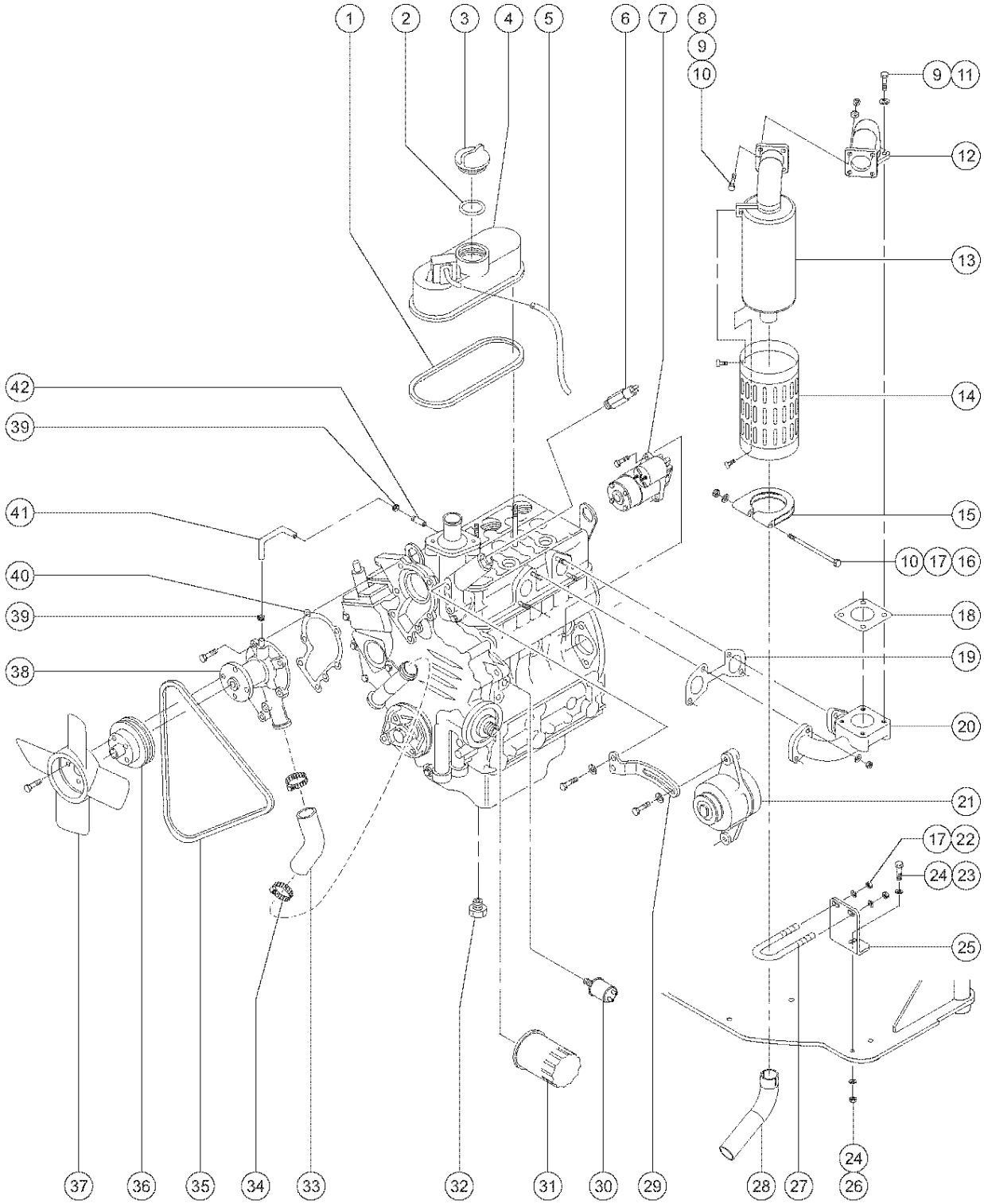
Item	Part No.	Description	Qty.
28	60100-SGT	BRACKET,ENGINE PLATE REST PTD.	
29	6198GT	NUT, NYLOCK, 1/2-13	
30	6095GT	WASHER,FLAT,USS,1/2",Y	
31	22788GT	SCREW,HHC,1/2-13 X 1.75	
32	107803GT	PIN,1.00DIAX15.56LG,CHAMFER	
33	50427-SGT	EAR,ENGINE TRAY PIVOT,PAINTED	
34	6175GT	SCREW,HHC,3/8-16 X 1	
35	6021GT	WASHER, LOCK, .375	
36	44586GT	SENSOR,LEVEL 4.5***	
36-	23083-SGT	FUSE HOLDER,WATERPROOF	
36-	27488GT	FUSE,1 AMP	
36	1260219GT	HARNESS,TILT ALARM,24V,CSA for CSA models from SN 19812	1
36	1261450GT	ASSY,RECEP,24V,CSA TILT for CSA models from SN 19812	1
37	6889GT	NUT,LP NYLOCK,1/4-20	
38	60091-SGT	WELDMENT,ENGINE TRAY,BI-ENERGY to SN 25436	
38-	107826GT	ASSEMBLY,ENGINE TRAY,BI-ENERGY from SN 25437	
39	1303584GT	BATTERY, 12V, 500CCA, FLA	
40	60078GT	BATTERY HOLD DOWN	
41	6145GT	SCREW, HHC, 1/4-20 X 1.5	
42	24038GT	SHOCK MOUNT,SMALL	
43	60092-SGT	PLATE,ENGINE MOUNT PAINTED	
44	14033GT	SCREW, HHC, 3/8-16 X 2.75	
45	15086GT	WASHER,FLAT,.375 X 1.5 X .125	
46	60096-SGT	BRACKET,ALTERNATOR ADJ.PAINTED	
47	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
48	6033GT	WASHER,LOCK,0.5"	
49	13005GT	SCREW,HHC,1/2-13 X 6,GRD.8	
50	54463-SGT	ALTRNTR,48VDC 100A,SERV VERS**	

301.1 Engine Pivot Plate Components



Item	*Part No.*	*Description*	*Qty.*
50-	56283GT	PULLEY,3.15 OD	
50-	56290GT	NUT,LOCK,5/8-18	
50-	56291GT	WASHER,HARDENED,5/8	
50-	56292GT	KEY,WOODRUFF,5/32X3/4 KEY #506	
50-	54449GT	KIT,REPLACE VOLTAGE REGULATOR*	
50-	54446GT	REGULATOR,48 VOLTAGE,BI ENERGY	
50-	56445GT	DIODE,6 AMP 200 PIV,REEL	
51	56007GT	BRACKET,ALTERNATOR MOUNT	
52	21604GT	SCREW,HHC,3/8-16 X 3.25	
53	7713GT	NUT, LP NYLOCK, 3/8-16	

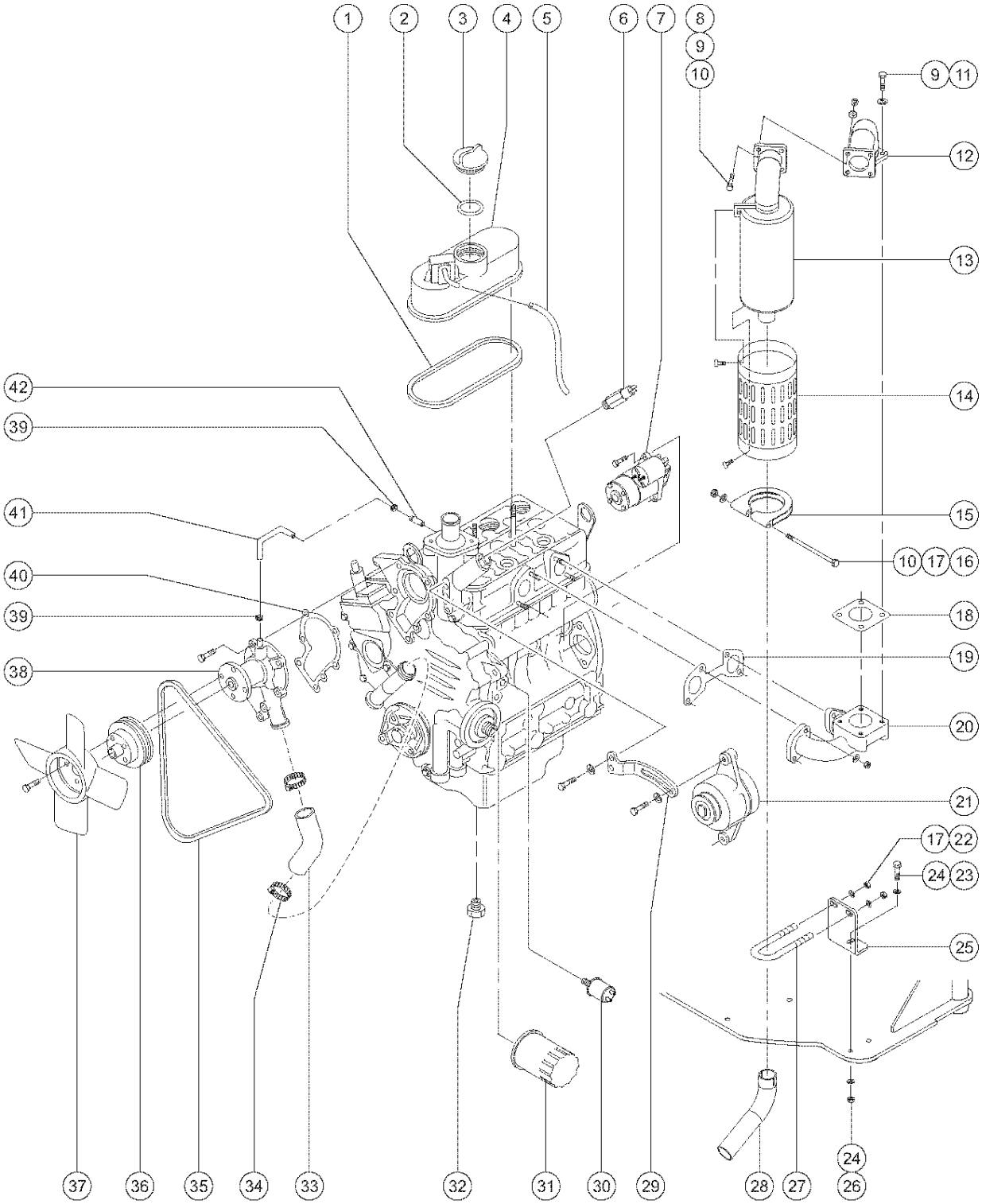
302.1 Kubota Z482-E Engine, View 1 (to SN 26676)



302.1 Kubota Z482-E Engine, View 1 (to SN 26676)

Item	Part No.	Description	Qty.
1	52806GT	GASKET-VALVE COVER Z482-E	
2	22903GT	O-RING,OIL FILLER PLUG,KUBOTA*	
3	52808GT	PLUG,OIL FILLER Z482,Z34/22BE* use until exhausted, (replaced by 839151)	
3B	839151GT	KUBOTA OIL FILLER PLUG,V1305	
4	52807GT	COVER-VALVE Z482, Z34/22BE	
5	52809GT	PIPE-BREATHER Z482, Z34/22BE	
6	56085GT	SENDING UNIT,WATER TEMP***	
7	52810GT	STARTER MOTOR Z482, Z34/22BE	
7-	23457GT	SOLENOID,STARTER,WG750B	
8	13000GT	SCREW,HHC,5/16-18 X 1.25	
9	6886GT	WASHER,LOCK,.313	
10	6002GT	NUT, LP NYLOCK, 5/16-18	
11	23057GT	SCREW,HHC,M8 X 20MM	
12	60111GT	EXHAUST EXTENSION WELDMENT to SN 14563	
12-	54603GT	MUFFLER, KUBOTA, Z45 BE from SN 14564	
12-	77304GT	MUFFLER,CAT/SPARK,DEUTZ	
13	62040GT	MUFFLER-Z482-E (Z45) to SN 14563	
14	62041GT	MUFFLER COVER (62040)*** to SN 14563	
15	866803GT	KUBOTA BAND, MUFFLER to SN 14563 (clamp)	2
16	52927GT	SCREW,HHC,5/16-18 X 2.5",GR 5 to SN 14563	
17	5397GT	WASHER, FLAT, USS, 5/16-18	
18	832128GT	GASKET,MUFFLER,KUBOTA D905/11	
19	52812GT	GASKET-EXHAUST MANIFOLD Z482	
20	52813GT	EXHAUST MANIFOLD, Z482-E	
21	84043GT	ALTERNATOR,30 A***	
22	4828GT	NUT, NYLOCK, 3/8-16 to SN 14562	
22-	6782GT	NUT, NYLOCK, 5/16-18 from SN 14563	
23	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	

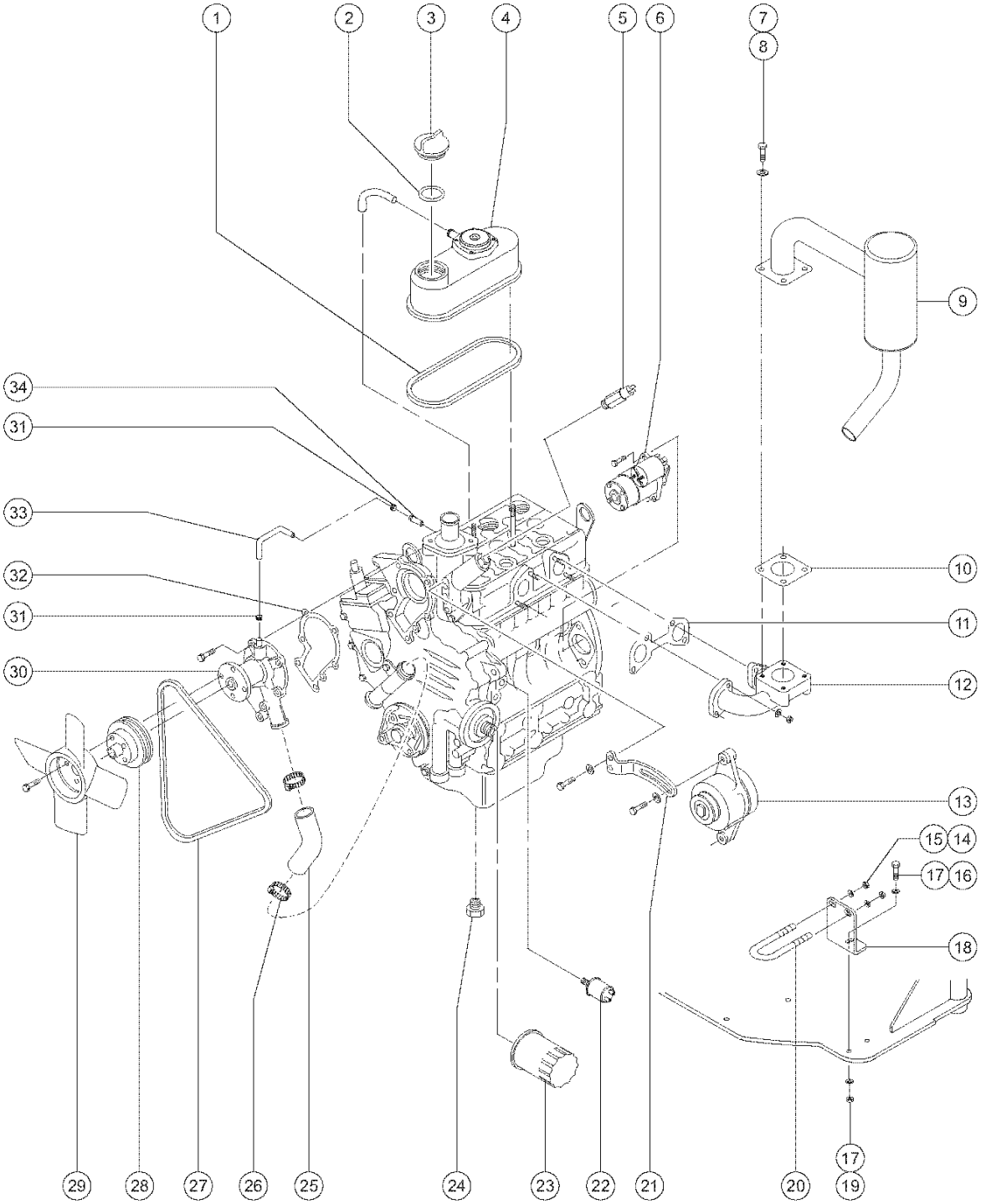
302.1 Kubota Z482-E Engine, View 1 (to SN 26676)



302.1 Kubota Z482-E Engine, View 1 (to SN 26676)

Item	Part No.	Description	Qty.
24	6097GT	WASHER, FLAT, USS, 3/8", Y	
25	60114-SGT	ANGLE,EXHAUST SUPPORT PAINTED to SN 14563	
25-	54605GT	BRACKET,EXHAUST,Z45 BI from SN 14564	
26	7713GT	NUT, LP NYLOCK, 3/8-16	
27	6550GT	U-BOLT,3/8 X 1 YZ	
28	60113GT	TAILPIPE, EXHAUST, BI-ENERGY to SN 14563	
29	44184GT	ALTERNATOR STAY,WG750***	
30	52815GT	SENDING UNIT-OIL PRES. Z482-E	
31	866400GT	KUBOTA OIL FILTER	1
32	52532GT	PLUG,ENGINE OIL DRAIN,D-905***	
32-	52517GT	GASKET-OIL DRAIN, DF750	
33	32067GT	HOSE,WATER PUMP,KUBOTA**	
34	32066GT	CLAMP,HOSE,KUBOTA WG750	
35	52816GT	BELT,FAN,KUBOTA DF972/Z482-E	
36	23469GT	PULLEY,FAN,WG750B***	
37	52818GT	FAN, KUBOTA Z482-E	
37-	54323GT	GUARD,FAN,2 CYL.KUBOTA	
38	52819GT	PUMP-WATER, KUBOTA Z482-E	
39	32069GT	CLAMP,HOSE,KUBOTA WG750	
40	23472GT	GASKET,WATER PUMPWG750B/Z482-E	
41	62129GT	HOSE,WATER PUMP RETURN (Z482)	
42	62130GT	PIPE,WATER RETURN (Z482-E)	

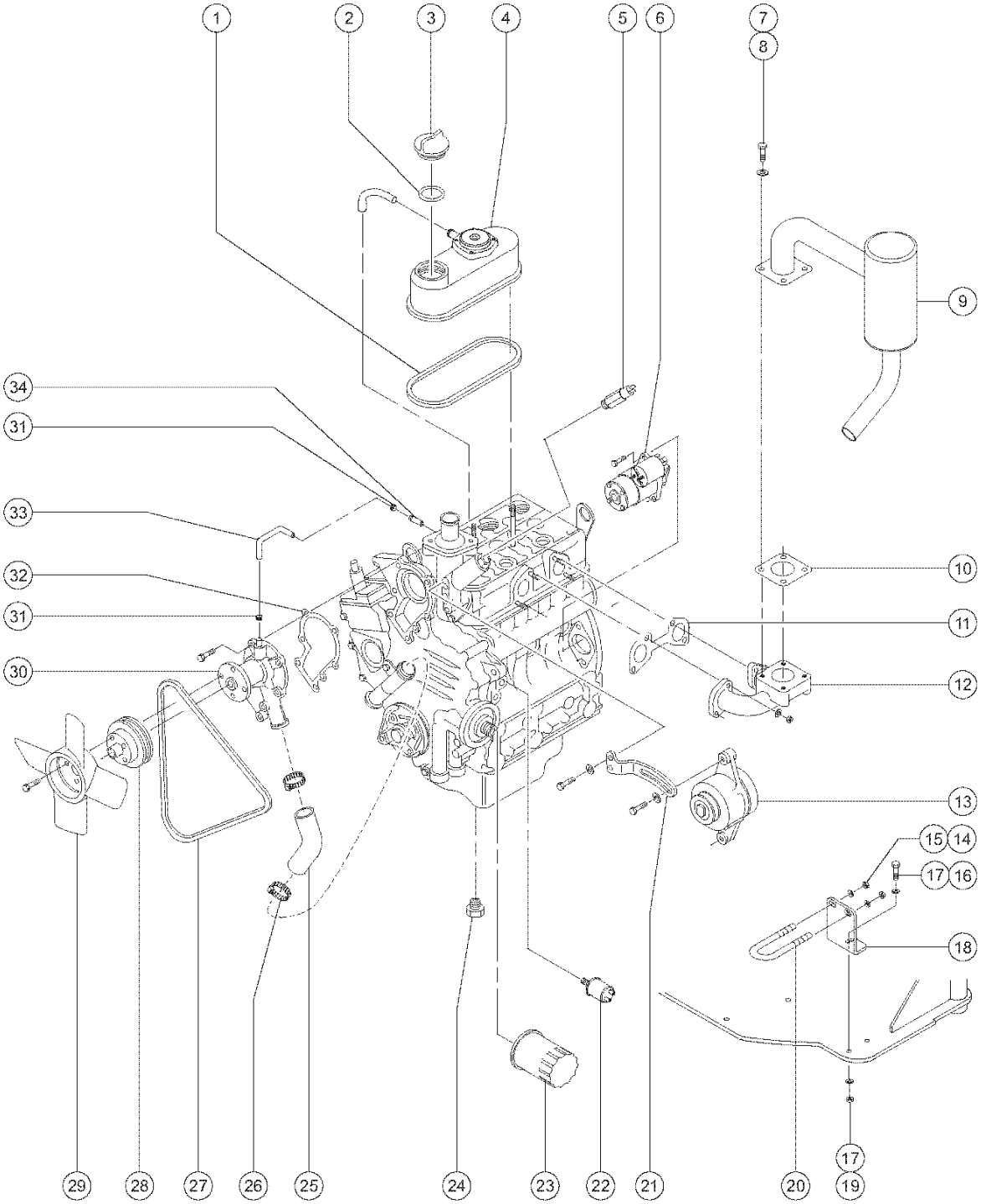
302.2 Kubota Z482 E2B-GNI Engine, View 1 (from SN 26677)



302.2 Kubota Z482 E2B-GNI Engine, View 1 (from SN 26677)

Item	Part No.	Description	Qty.
1	52806GT	GASKET-VALVE COVER Z482-E	1
2	22903GT	O-RING,OIL FILLER PLUG,KUBOTA*	1
3	52808GT	PLUG,OIL FILLER Z482,Z34/22BE* use until exhausted, (replaced by 839151)	1
3B	839151GT	KUBOTA OIL FILLER PLUG,V1305	1
4	52807GT	COVER-VALVE Z482, Z34/22BE	1
5	54332GT	SWITCH,WATER TEMP	1
6	52810GT	STARTER MOTOR Z482, Z34/22BE	1
6-	23457GT	SOLENOID,STARTER,WG750B	
7	23057GT	SCREW,HHC,M8 X 20MM	
8	49408GT	WASHER, LOCK, M8	
9	54603GT	MUFFLER, KUBOTA, Z45 BE	1
9B	77304GT	MUFFLER,CAT/SPARK,DEUTZ	1
10	832128GT	GASKET,MUFFLER,KUBOTA D905/11	1
11	52812GT	GASKET-EXHAUST MANIFOLD Z482	1
12	52813GT	EXHAUST MANIFOLD, Z482-E	1
13	110286GT	ALTERNATOR,KUBOTA,Z482	1
14	6782GT	NUT, NYLOCK, 5/16-18	
15	5397GT	WASHER, FLAT, USS, 5/16-18	
16	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
17	6097GT	WASHER, FLAT, USS, 3/8", Y	
18	54605GT	BRACKET,EXHAUST,Z45 BI	1
19	7713GT	NUT, LP NYLOCK, 3/8-16	
20	6550GT	U-BOLT,3/8 X 1 YZ	
21	84044GT	STAY,ALTERNATOR***	1
22	22934GT	SWITCH,OIL,PRESSURE,KUBOTA use until exhausted, (replaced by 839190)	1
22B	839190GT	KUBOTA LOW OIL PRES SWITCH	1
23	866400GT	KUBOTA OIL FILTER	1
24	52532GT	PLUG,ENGINE OIL DRAIN,D-905***	1

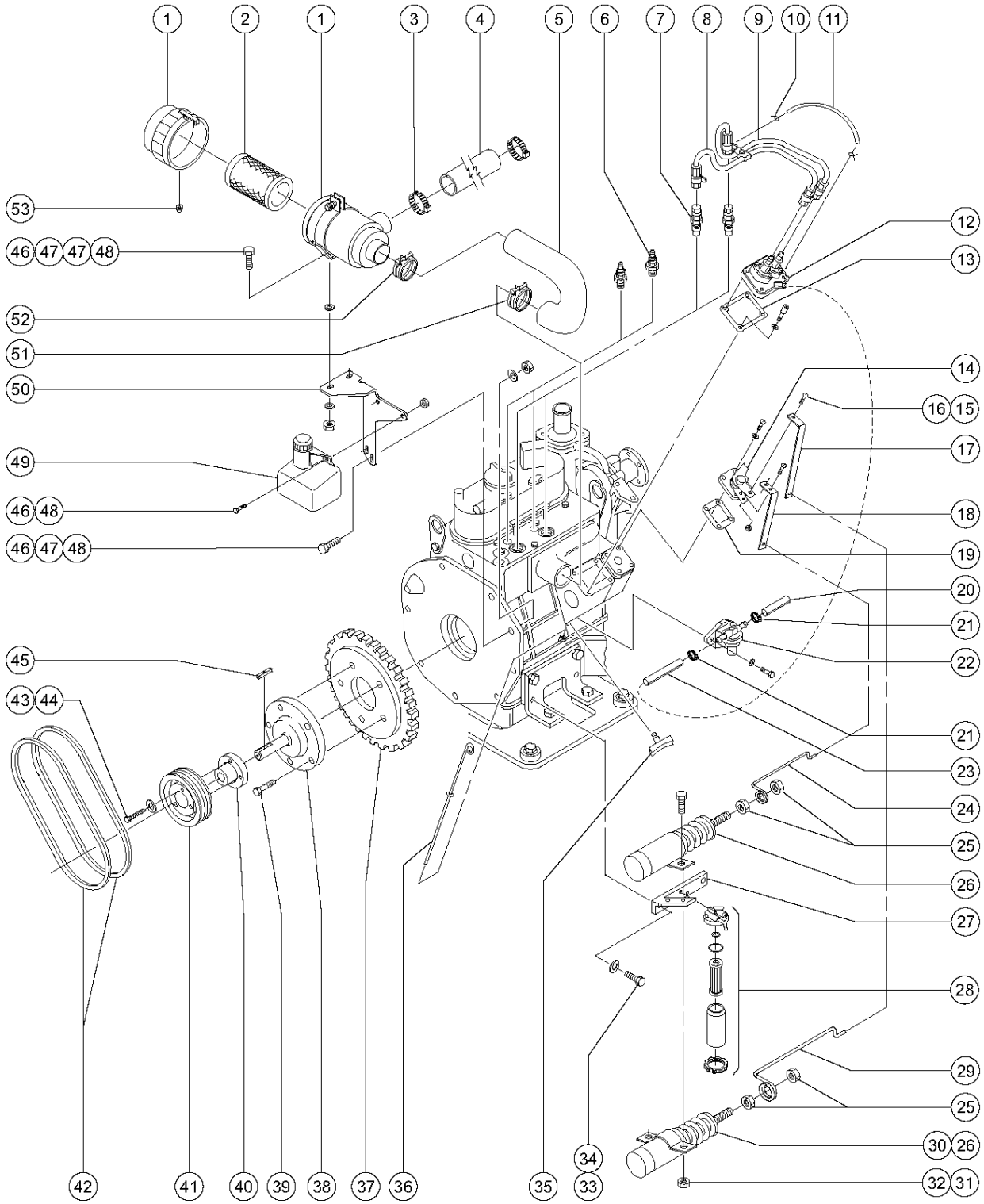
302.2 Kubota Z482 E2B-GNI Engine, View 1 (from SN 26677)



302.2 Kubota Z482 E2B-GNI Engine, View 1 (from SN 26677)

Item	Part No.	Description	Qty.
24-	52517GT	GASKET-OIL DRAIN, DF750	
25	32067GT	HOSE,WATER PUMP,KUBOTA**	1
26	32066GT	CLAMP,HOSE,KUBOTA WG750	
27	52816GT	BELT,FAN,KUBOTA DF972/Z482-E	1
28	23469GT	PULLEY,FAN,WG750B***	1
29	52818GT	FAN, KUBOTA Z482-E	1
29-	54323GT	GUARD,FAN,2 CYL.KUBOTA	
30	52819GT	PUMP-WATER, KUBOTA Z482-E	1
31	32069GT	CLAMP,HOSE,KUBOTA WG750	
32	23472GT	GASKET,WATER PUMPWG750B/Z482-E	1
33	62129GT	HOSE,WATER PUMP RETURN (Z482)	1
34	62130GT	PIPE,WATER RETURN (Z482-E)	1

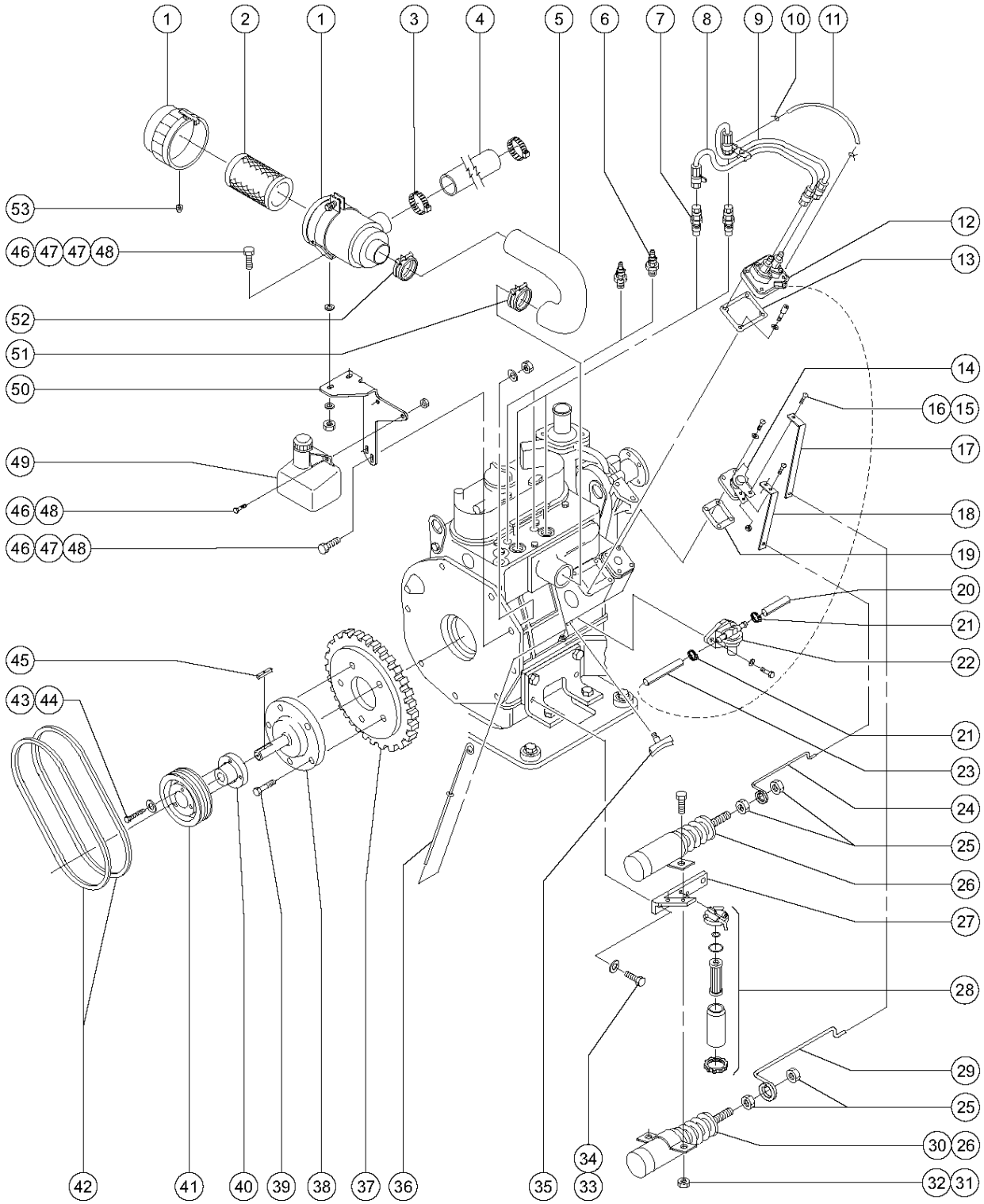
303.1 Kubota Z482-E Engine, View 2 (to SN 26676)



303.1 Kubota Z482-E Engine, View 2 (to SN 26676)

Item	Part No.	Description	Qty.
1	119684GT	AIR CLEANER ASSEMBLY includes items 2 and 53	
1	119685GT	BRACKET, AIR CLEANER MT.	
2	52867GT	FILTER,AIR***	
3	22672GT	CLAMP,HOSE,1.75	
4	60108GT	HOSE,AIR CLEANER INTAKE	
5	60107GT	HOSE,AIR CLEANER TO ENGINE	
6	839119GT	KUBOTA GLOW PLUG (replaced PN 52941)	2
7	52822GT	INJECTOR,KUBOTA Z482-E no longer available	
8	52824GT	PIPE, INJECTOR 2 KUBOTA Z482-E	
9	52823GT	PIPE, INJECTOR 1 KUBOTA Z482-E	
10	62043GT	CLAMP-OVERFLOW PIPE(Z482-E)	
11	839157GT	KUBOTA OVERFLOW PIPE includes item 10	
12	52825GT	PUMP-INJECTION, KUBOTA Z482-E	
13	52826GT	GASKET-INJECTION PUMP, Z482-E	
14	52949GT	SPEED CONTROL ASSEMBLY**	
15	5094GT	SCREW,RHM,10-32 X .5	
16	6178GT	NUT, NYLOCK, 10-32	
17	56101GT	BRACKET,STOP LEVER	
18	56102GT	BRACKET,IDLE LEVER	
19	52832GT	GASKET-SPEED CONTROL ASSEMBLY	
20	27089GT	HOSE,5/16 FUEL,SAE 30R7	
21	52834GT	CLAMP-HOSE, .375, FUEL PUMP	
22	52835GT	PUMP ASSY-FUEL, KUBOTA Z482-E	
23	27089GT	HOSE,5/16 FUEL,SAE 30R7	
24	56110GT	ROD,ENGINE IDLE & STOP length approximately 4.5 inch / 11 cm	
25	21496GT	NUT,HEX,1/4-28	
26	20780GT	SOLENOID,2 SPEED TROMBETTA***	
26-	52514GT	BOOT,SOLENOID, 20780	

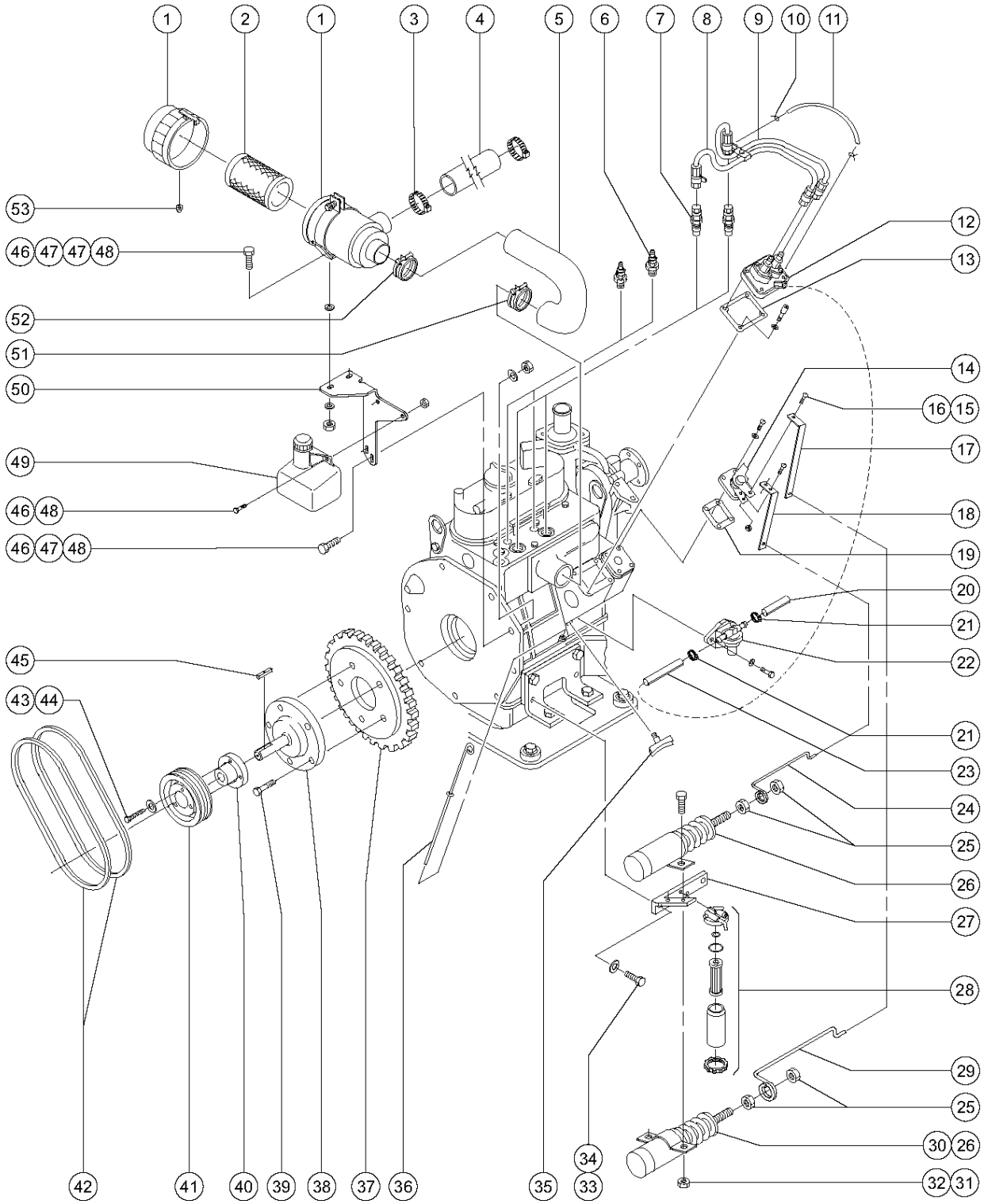
303.1 Kubota Z482-E Engine, View 2 (to SN 26676)



303.1 Kubota Z482-E Engine, View 2 (to SN 26676)

Item	Part No.	Description	Qty.
27	60105-SGT	BRACKET,SOLENOID MOUNT PAINTED	
28	147205GT	ASSEMBLY, FUEL FILTER, Z482	1
28-	52875GT	O-RING,FUEL FILTER,UPPER Z482E	
28-	52876GT	O-RING,FILTER,LOWER Z482-E	
28-	52877GT	FILTER,FUEL FILTER Z482-E	
28-	52886GT	HOUSING,FUEL FILTER ELEMENT	
28-	52880GT	RING-RETAINING,FUEL FILTER	
29	22956GT	ROD,CHOKE (KUBOTA)**** length approximately 6 inch / 15 cm	
30	22446GT	SPRING, COMPRESSION .835 X 2	
31	6091GT	NUT,NYLOCK,1/4-20	
32	6090GT	SCREW, HHC, 1/4-20 X .75	
33	6175GT	SCREW,HHC,3/8-16 X 1	
34	6886GT	WASHER,LOCK,.313	
35	32077GT	PETCOCK,DRAIN,KUBOTA WG750B	
36	52836GT	DIPSTICK, KUBOTA Z482-E	
37	52837GT	RING GEAR,KUBOTA Z482-E	
38	52838GT	ADAPTER FLANGE-PULLEY,Z482-E	
39	23057GT	SCREW,HHC,M8 X 20MM	
40	56068GT	BUSHING,SH 1-1/8	
41	56067GT	BALANCER,HARMONIC,2-3V-500-SH	
42	60112GT	ALTERNATOR BELT	2
43	8915GT	SCREW, HHC, 1/4-20 X 1.25	
44	6356GT	WASHER, LOCK, .25	
45	56086GT	KEY,1/4 X 1.25	
46	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
47	5397GT	WASHER, FLAT, USS, 5/16-18	
48	6002GT	NUT, LP NYLOCK, 5/16-18	
49	42662GT	COOLANT RECOVERY BOTTLE1.5 QT*	

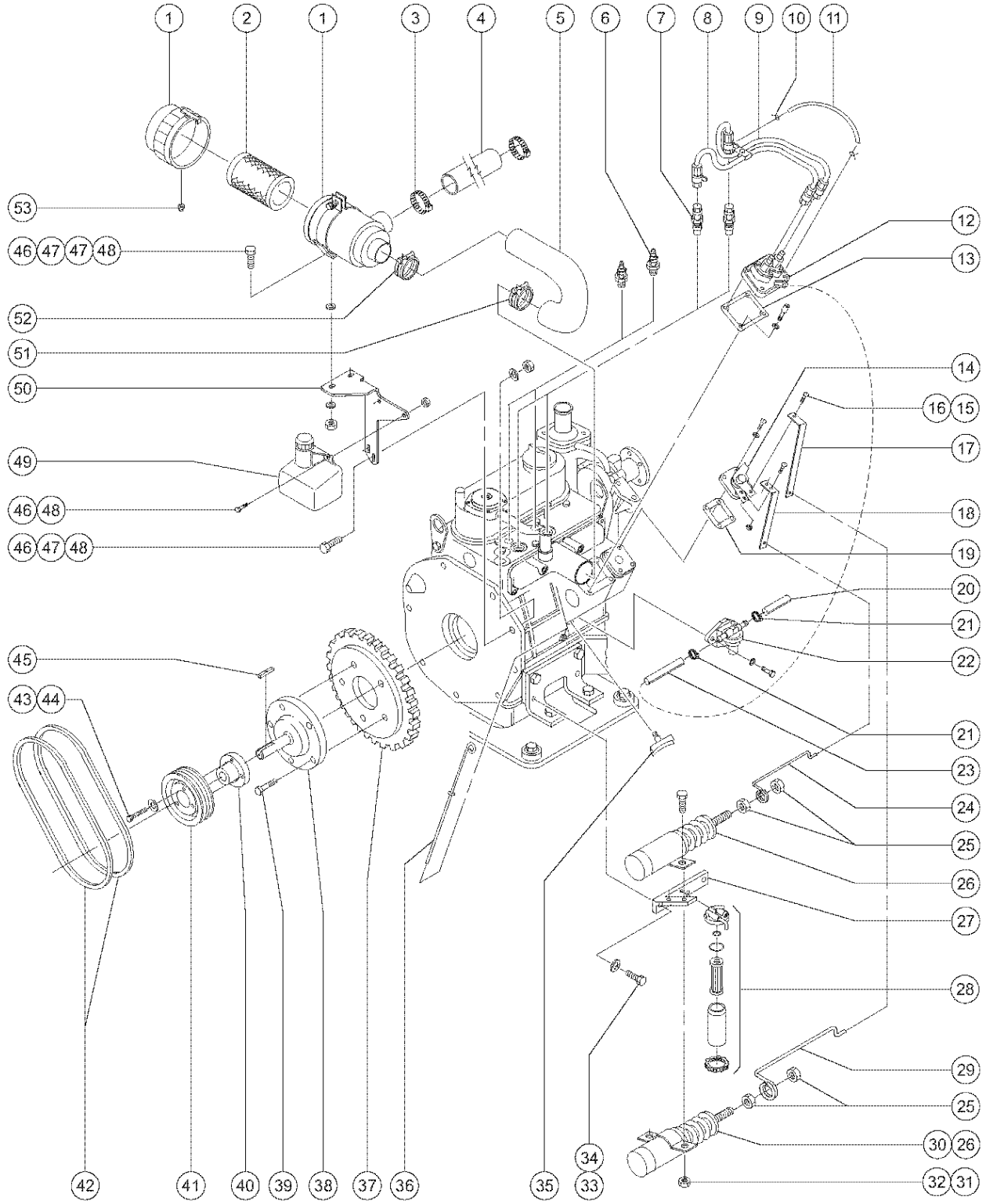
303.1 Kubota Z482-E Engine, View 2 (to SN 26676)



303.1 Kubota Z482-E Engine, View 2 (to SN 26676)

Item	*Part No.*	*Description*	*Qty.*
49-	227833GT	HOSE,PVC,CLEAR,36.00" not included with coolant bottle	
50	54243-SGT	BRKT,AIRCLEAN,COOLRES.MNT,PNTD	
51	62133GT	HOSE CLAMP-AIR CLEANER/LOWER	
52	839049GT	KUBOTA 15263-12370BAND PIPE	
53	52866GT	EVACUATOR VALVE-AIR CLEANER	

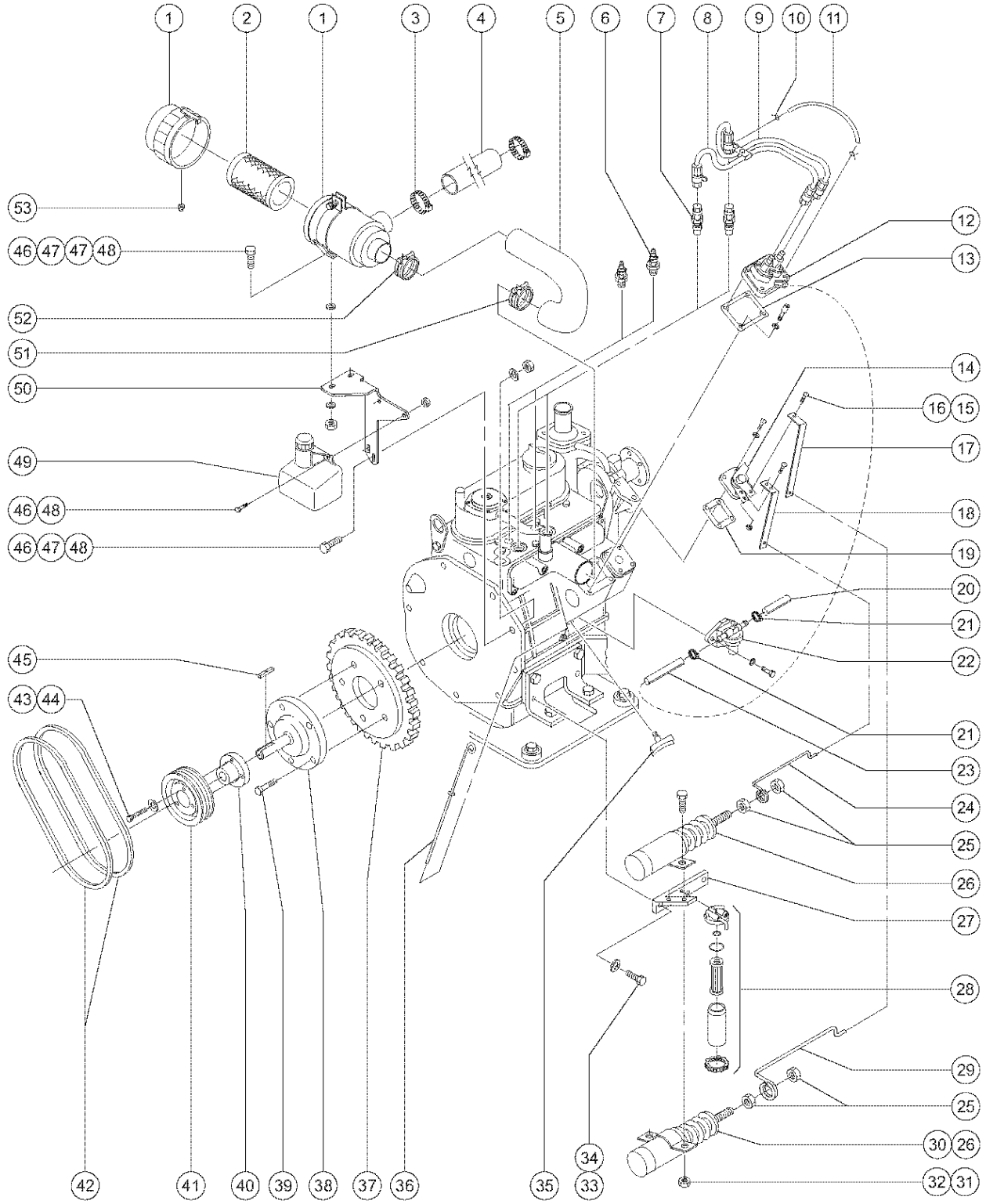
303.2 Kubota Z482 E2B-GNI Engine, View 2 (from SN 26677)



303.2 Kubota Z482 E2B-GNI Engine, View 2 (from SN 26677)

Item	Part No.	Description	Qty.
1	119684GT	AIR CLEANER ASSEMBLY includes items 2 and 53	1
1	119685GT	BRACKET, AIR CLEANER MT.	
2	52867GT	FILTER,AIR***	1
3	22672GT	CLAMP,HOSE,1.75	
4	60108GT	HOSE,AIR CLEANER INTAKE	1
5	60107GT	HOSE,AIR CLEANER TO ENGINE	1
6	839119GT	KUBOTA GLOW PLUG	1
7	52822GT	INJECTOR,KUBOTA Z482-E no longer available	1
8	52824GT	PIPE, INJECTOR 2 KUBOTA Z482-E	1
9	52823GT	PIPE, INJECTOR 1 KUBOTA Z482-E	1
10	62043GT	CLAMP-OVERFLOW PIPE(Z482-E)	1
11	839157GT	KUBOTA OVERFLOW PIPE includes item 10	1
12	52825GT	PUMP-INJECTION, KUBOTA Z482-E	1
13	52826GT	GASKET-INJECTION PUMP, Z482-E	1
14	52949GT	SPEED CONTROL ASSEMBLY**	1
15	5094GT	SCREW,RHM,10-32 X .5	
16	6178GT	NUT, NYLOCK, 10-32	
17	56101GT	BRACKET,STOP LEVER	1
18	56102GT	BRACKET,IDLE LEVER	1
19	52832GT	GASKET-SPEED CONTROL ASSEMBLY	1
20	27089GT	HOSE,5/16 FUEL,SAE 30R7	
21	52834GT	CLAMP-HOSE, .375, FUEL PUMP	
22	52835GT	PUMP ASSY-FUEL, KUBOTA Z482-E	1
23	27089GT	HOSE,5/16 FUEL,SAE 30R7	
24	56110GT	ROD,ENGINE IDLE & STOP length approximately 4.5 inch / 11 cm	1
25	21496GT	NUT,HEX,1/4-28	
26	20780GT	SOLENOID,2 SPEED TROMBETTA***	1
26-	52514GT	BOOT,SOLENOID, 20780	

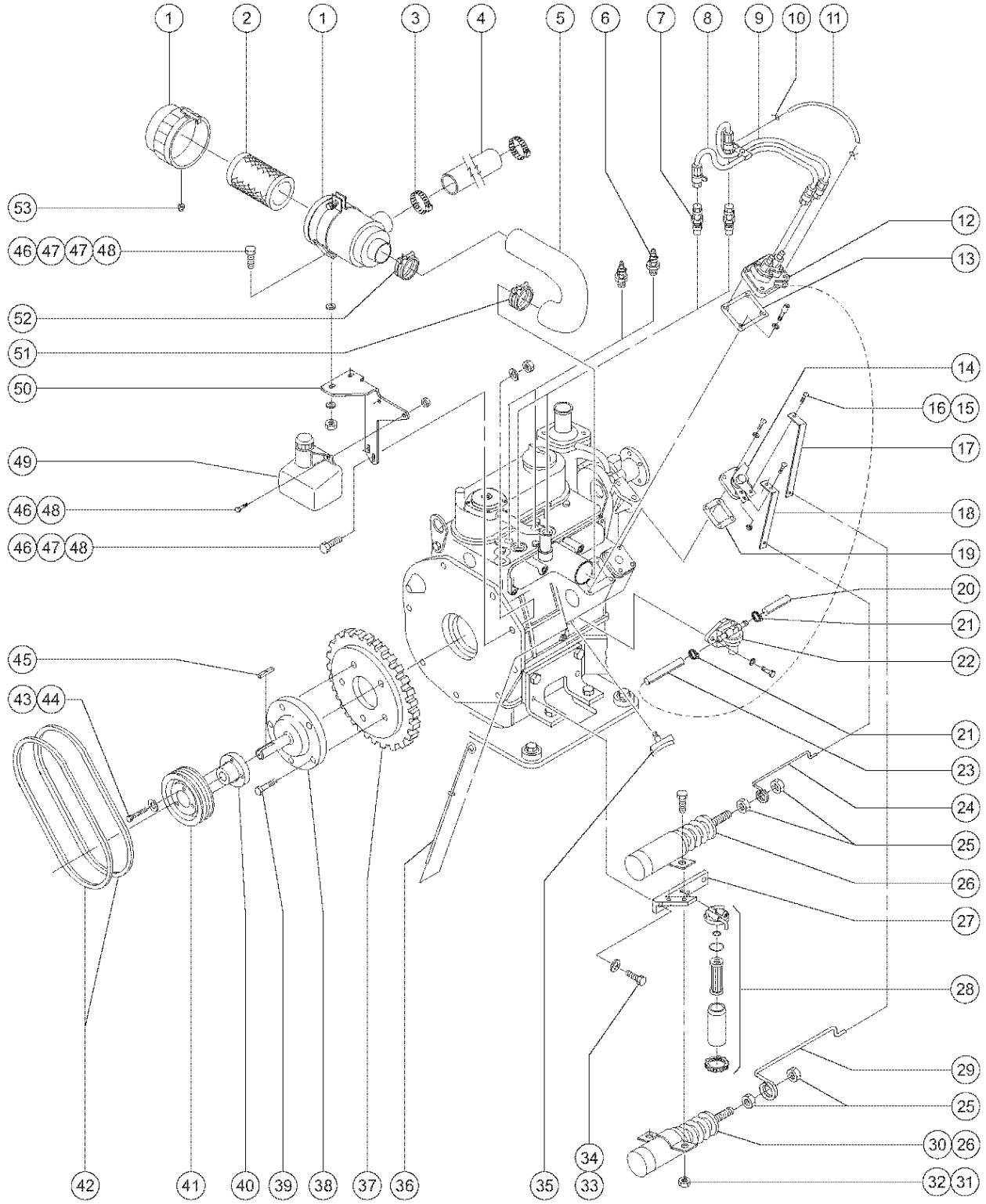
303.2 Kubota Z482 E2B-GNI Engine, View 2 (from SN 26677)



303.2 Kubota Z482 E2B-GNI Engine, View 2 (from SN 26677)

Item	Part No.	Description	Qty.
27	60105-SGT	BRACKET,SOLENOID MOUNT PAINTED	1
28	147205GT	ASSEMBLY, FUEL FILTER, Z482	1
28-	52875GT	O-RING,FUEL FILTER,UPPER Z482E	
28-	52876GT	O-RING,FILTER,LOWER Z482-E	
28-	52877GT	FILTER,FUEL FILTER Z482-E	
28-	52886GT	HOUSING,FUEL FILTER ELEMENT	
28-	52880GT	RING-RETAINING,FUEL FILTER	
29	22956GT	ROD,CHOKE (KUBOTA)**** length approximately 6 inch / 15 cm	1
30	22446GT	SPRING, COMPRESSION .835 X 2	1
31	6091GT	NUT,NYLOCK,1/4-20	
32	6090GT	SCREW, HHC, 1/4-20 X .75	
33	6175GT	SCREW,HHC,3/8-16 X 1	
34	6886GT	WASHER,LOCK,.313	
35	32077GT	PETCOCK,DRAIN,KUBOTA WG750B	1
36	52836GT	DIPSTICK, KUBOTA Z482-E	1
37	52837GT	RING GEAR,KUBOTA Z482-E	1
38	52838GT	ADAPTER FLANGE-PULLEY,Z482-E	1
39	23057GT	SCREW,HHC,M8 X 20MM	
40	56068GT	BUSHING,SH 1-1/8	1
41	56067GT	BALANCER,HARMONIC,2-3V-500-SH	1
42	60112GT	ALTERNATOR BELT	2
43	8915GT	SCREW, HHC, 1/4-20 X 1.25	
44	6356GT	WASHER, LOCK, .25	
45	56086GT	KEY,1/4 X 1.25	
46	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
47	5397GT	WASHER, FLAT, USS, 5/16-18	
48	6002GT	NUT, LP NYLOCK, 5/16-18	
49	42662GT	COOLANT RECOVERY BOTTLE1.5 QT*	1

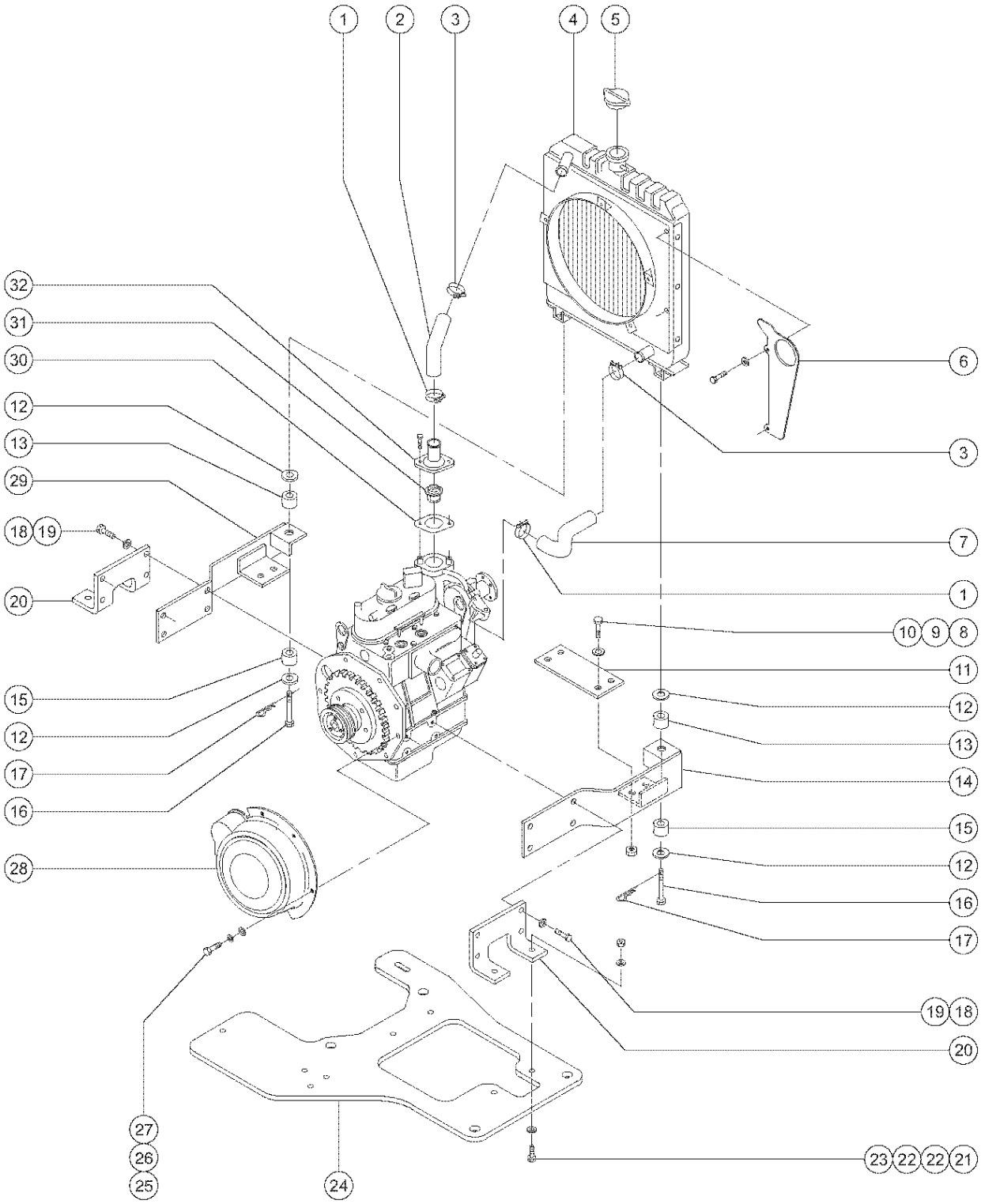
303.2 Kubota Z482 E2B-GNI Engine, View 2 (from SN 26677)



303.2 Kubota Z482 E2B-GNI Engine, View 2 (from SN 26677)

Item	*Part No.*	*Description*	*Qty.*
49-	227833GT	HOSE,PVC,CLEAR,36.00" ..... not included with coolant bottle	
50	54243-SGT	BRKT,AIRCLEAN,COOLRES.MNT,PNTD	1
51	62133GT	HOSE CLAMP-AIR CLEANER/LOWER	1
52	839049GT	KUBOTA 15263-12370BAND PIPE	1
53	52866GT	EVACUATOR VALVE-AIR CLEANER	1

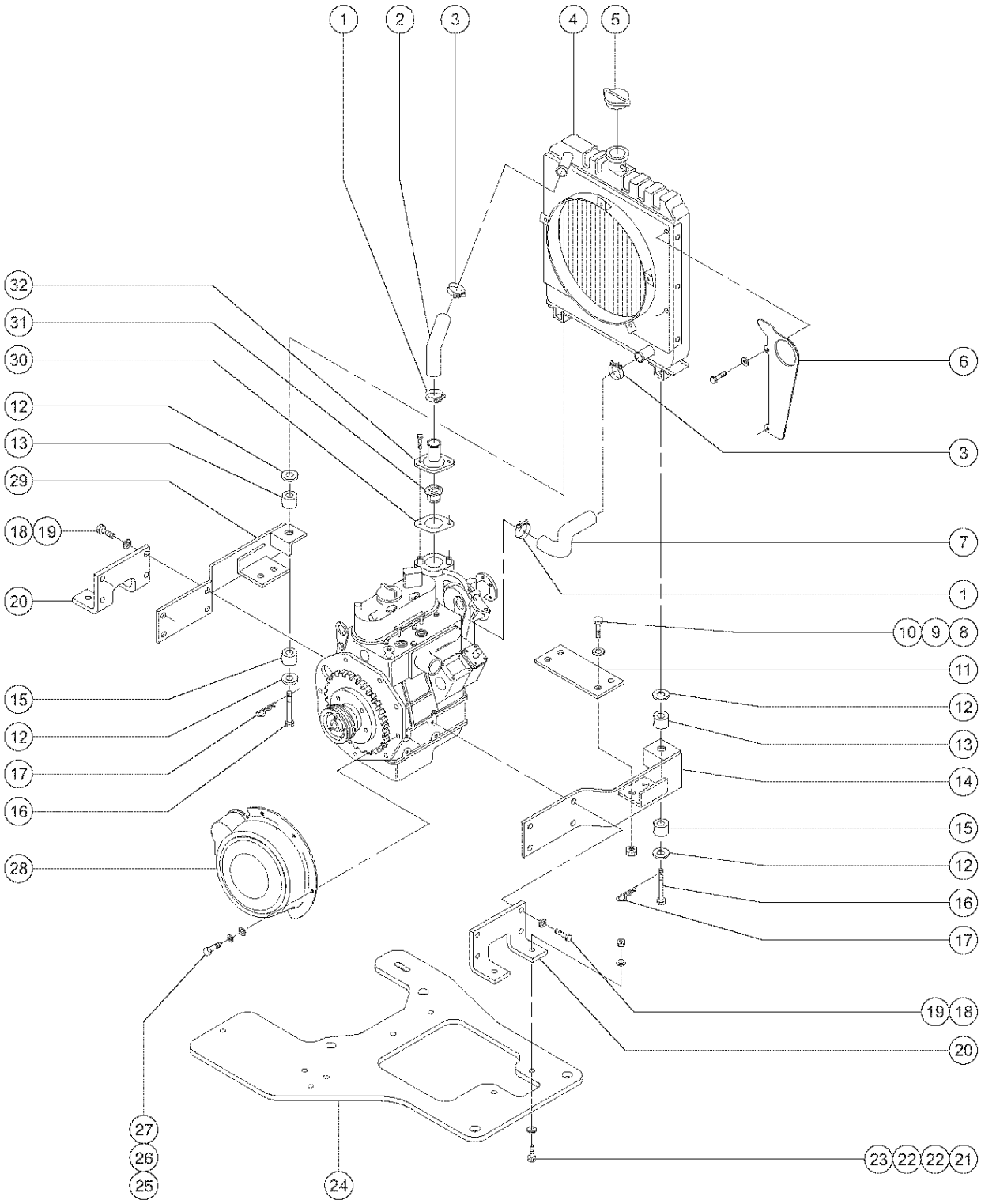
304.1 Kubota Z482-E Engine, View 3 (to SN 26676)



304.1 Kubota Z482-E Engine, View 3 (to SN 26676)

Item	Part No.	Description	Qty.
1	32066GT	CLAMP,HOSE,KUBOTA WG750	
2	52841GT	HOSE-RADIATOR,UPPER Z482-E	
3	32087GT	CLAMP,HOSE,KUBOTA WG750	
4	119242GT	RADIATOR ASSY,KUBOTA Z482E AL	
5	110523GT	CAP,RADIATOR,AL,KUBOTA DF-752	
6	60109-SGT	PLATE,AIR INTAKE HOSE PAINTED	
7	32090GT	HOSE,LWR RADIATOR,KUBOTA WG750	
8	6090GT	SCREW, HHC, 1/4-20 X .75	
9	6356GT	WASHER, LOCK, .25	
10	6091GT	NUT,NYLOCK,1/4-20	
11	28963GT	RADIATOR STAY, KUBOTA 1702	
12	52539GT	WASHER,RADIATOR CUSHION,KUBOTA use until exhausted,(replaced by 865263)	
12B	865263GT	KUBOTA 15111-72200 WASHER	
13	865260GT	KUBOTA 15263-12370CUSHION	
14	52847GT	BRACKET-RADIATOR SUPRT,OUTBRD	
15	28156GT	CUSHION,RADIATOR,KUBOTA 1702**	
16	52540GT	SCREW,RADIATOR MOUNT, KUBOTA use until exhausted,(replaced by 865086)	
16B	865086GT	KUBOTA RAD ISOLATOR BOLT	
17	52541GT	CLIP,RADIATOR MOUNT, KUBOTA use until exhausted,(replaced by 865085)	
17B	865085GT	KUBOTA SNAP PIN	
18	22676GT	SCREW,HHC,M10 X 1.25 X 30MM**	
19	22700GT	WASHER,LOCK,M10	
20	60088-SGT	BRACKET,ENGINE MNT,KUBOTA 13HP	
21	8516GT	SCREW, HCC, 3/8-16 X 1.50	
22	6097GT	WASHER, FLAT, USS, 3/8", Y	
23	4828GT	NUT, NYLOCK, 3/8-16	
24	60092-SGT	PLATE,ENGINE MOUNT PAINTED	
25	23057GT	SCREW,HHC,M8 X 20MM	

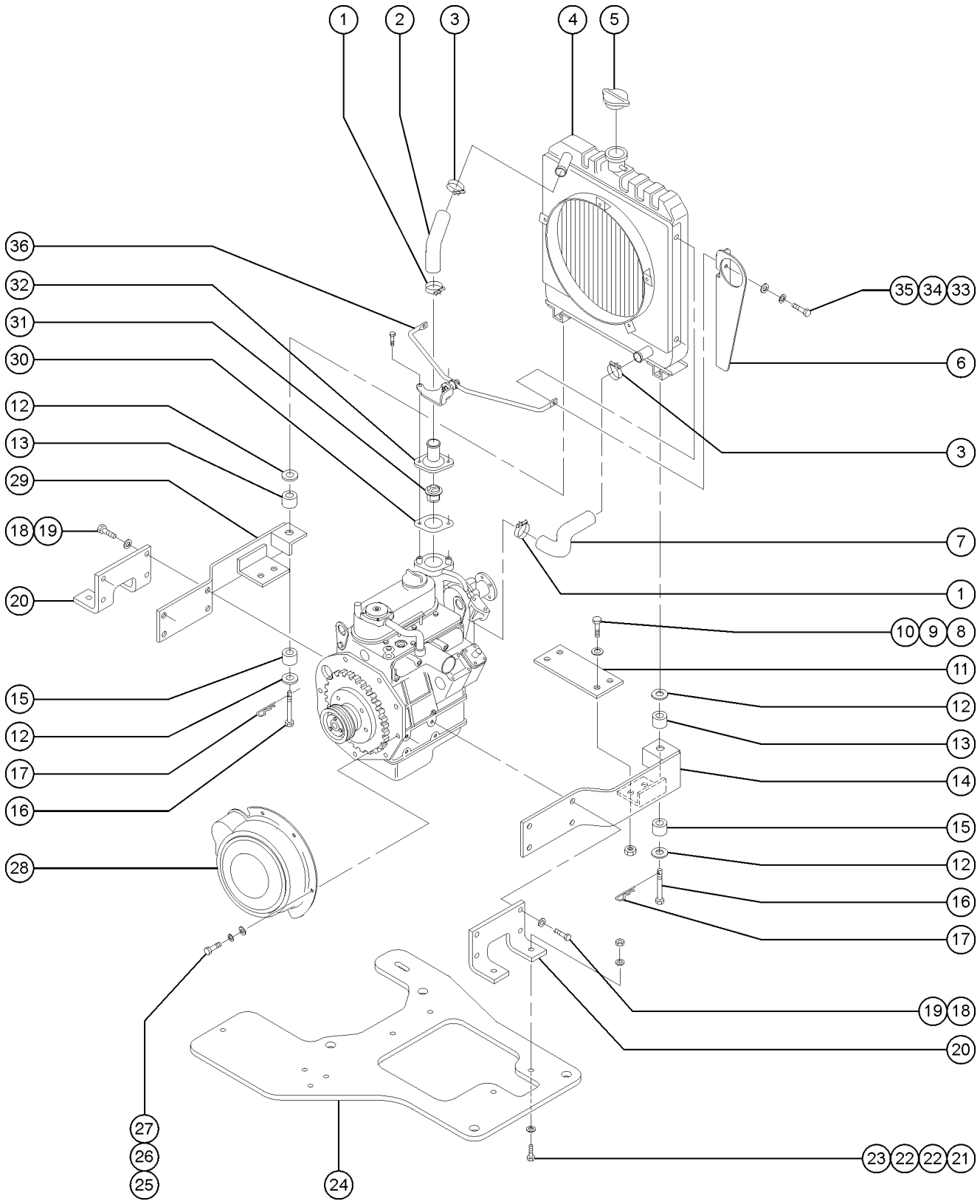
304.1 Kubota Z482-E Engine, View 3 (to SN 26676)



304.1 Kubota Z482-E Engine, View 3 (to SN 26676)

Item	*Part No.*	*Description*	*Qty.*
26	49408GT	WASHER, LOCK, M8	
27	33277GT	WASHER,FLAT,M8,YELLOW ZINC	
28	54316GT	COVER,FLYWHEEL,2 CYL.KUBOTA	
29	52851GT	BRACKET-RADIATOR SUPRT,INBOARD	
30	866397GT	KUBOTA GASKET,THERMOSTAT	
31	23473GT	THERMOSTAT ASSY, WG750B	
32	27367GT	THERMOSTAT COVER,KUBOTA GAS	

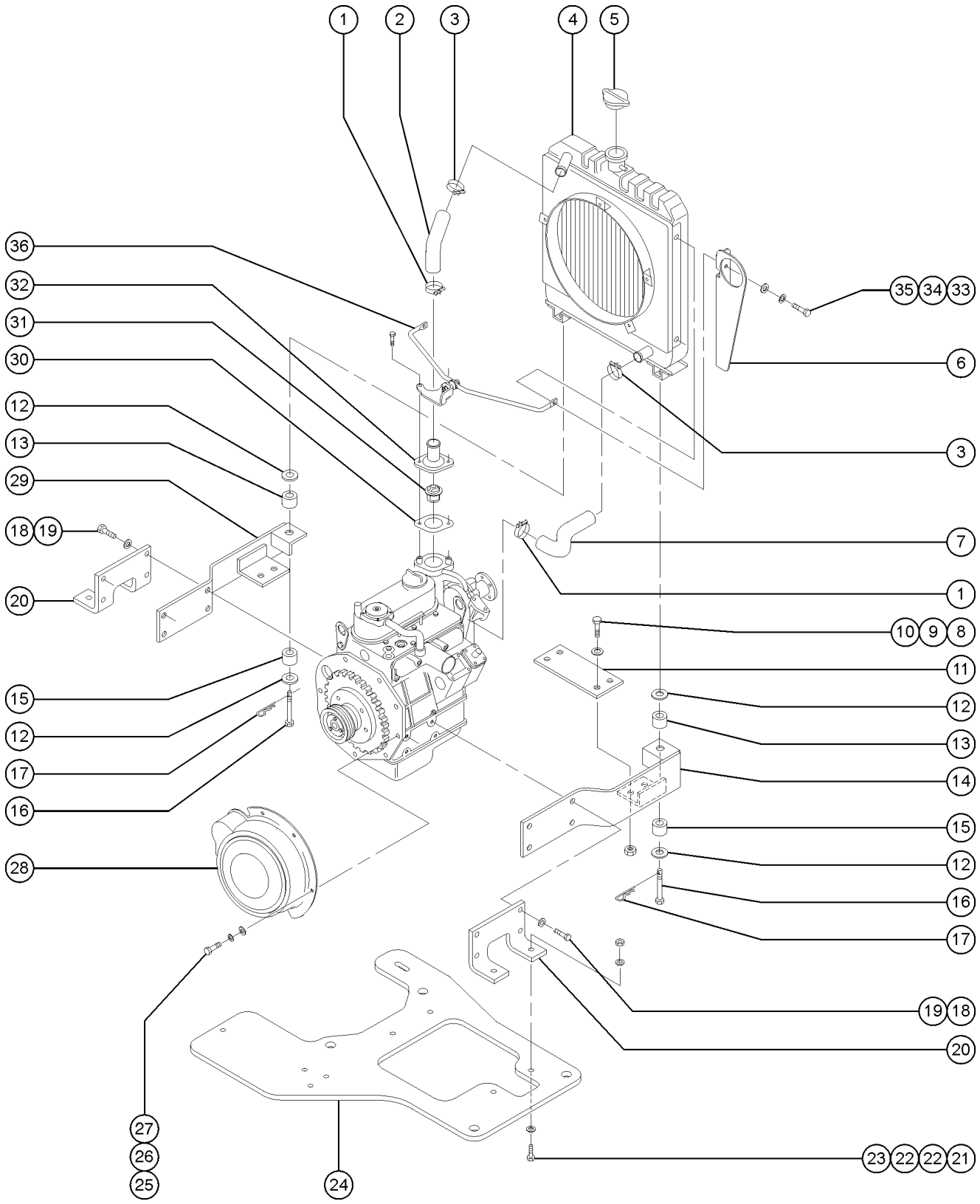
304.2 Kubota Z482 E2B-GNI Engine, View 3 (from SN 26677)



304.2 Kubota Z482 E2B-GNI Engine, View 3 (from SN 26677)

Item	Part No.	Description	Qty.
1	32066GT	CLAMP,HOSE,KUBOTA WG750	1
2	52841GT	HOSE-RADIATOR,UPPER Z482-E	1
3	32087GT	CLAMP,HOSE,KUBOTA WG750	1
4	119242GT	RADIATOR ASSY,KUBOTA Z482E AL	1
5	110523GT	CAP,RADIATOR,AL,KUBOTA DF-752	1
6	110749GT	BRACKET,AIR INTAKE	1
7	32090GT	HOSE,LWR RADIATOR,KUBOTA WG750	1
8	6090GT	SCREW, HHC, 1/4-20 X .75	
9	6356GT	WASHER, LOCK, .25	
10	6091GT	NUT,NYLOCK,1/4-20	
11	28963GT	RADIATOR STAY, KUBOTA 1702	1
12	52539GT	WASHER,RADIATOR CUSHION,KUBOTA use until exhausted,(replaced by 865263)	
12B	865263GT	KUBOTA 15111-72200 WASHER	
13	865260GT	KUBOTA 15263-12370CUSHION	2
14	52847GT	BRACKET-RADIATOR SUPRT,OUTBRD	1
15	28156GT	CUSHION,RADIATOR,KUBOTA 1702**	2
16	52540GT	SCREW,RADIATOR MOUNT, KUBOTA use until exhausted,(replaced by 865086)	
16B	865086GT	KUBOTA RAD ISOLATOR BOLT	
17	52541GT	CLIP,RADIATOR MOUNT, KUBOTA use until exhausted,(replaced by 865085)	
17B	865085GT	KUBOTA SNAP PIN	
18	22676GT	SCREW,HHC,M10 X 1.25 X 30MM**	
19	22700GT	WASHER,LOCK,M10	
20	60088-SGT	BRACKET,ENGINE MNT,KUBOTA 13HP	1
21	8516GT	SCREW, HCC, 3/8-16 X 1.50	
22	6097GT	WASHER, FLAT, USS, 3/8", Y	
23	4828GT	NUT, NYLOCK, 3/8-16	
24	60092-SGT	PLATE,ENGINE MOUNT PAINTED	1
25	23057GT	SCREW,HHC,M8 X 20MM	

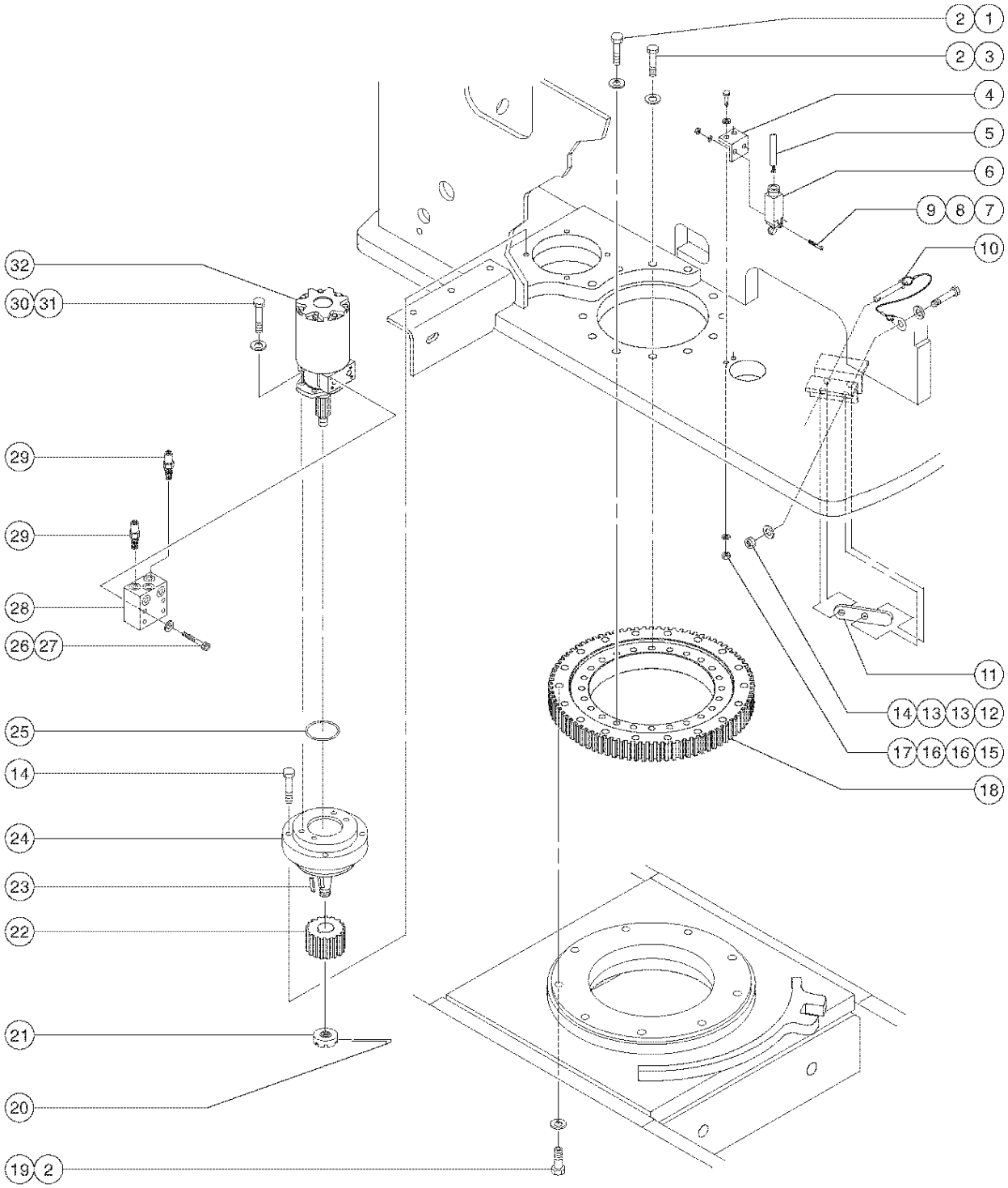
304.2 Kubota Z482 E2B-GNI Engine, View 3 (from SN 26677)



304.2 Kubota Z482 E2B-GNI Engine, View 3 (from SN 26677)

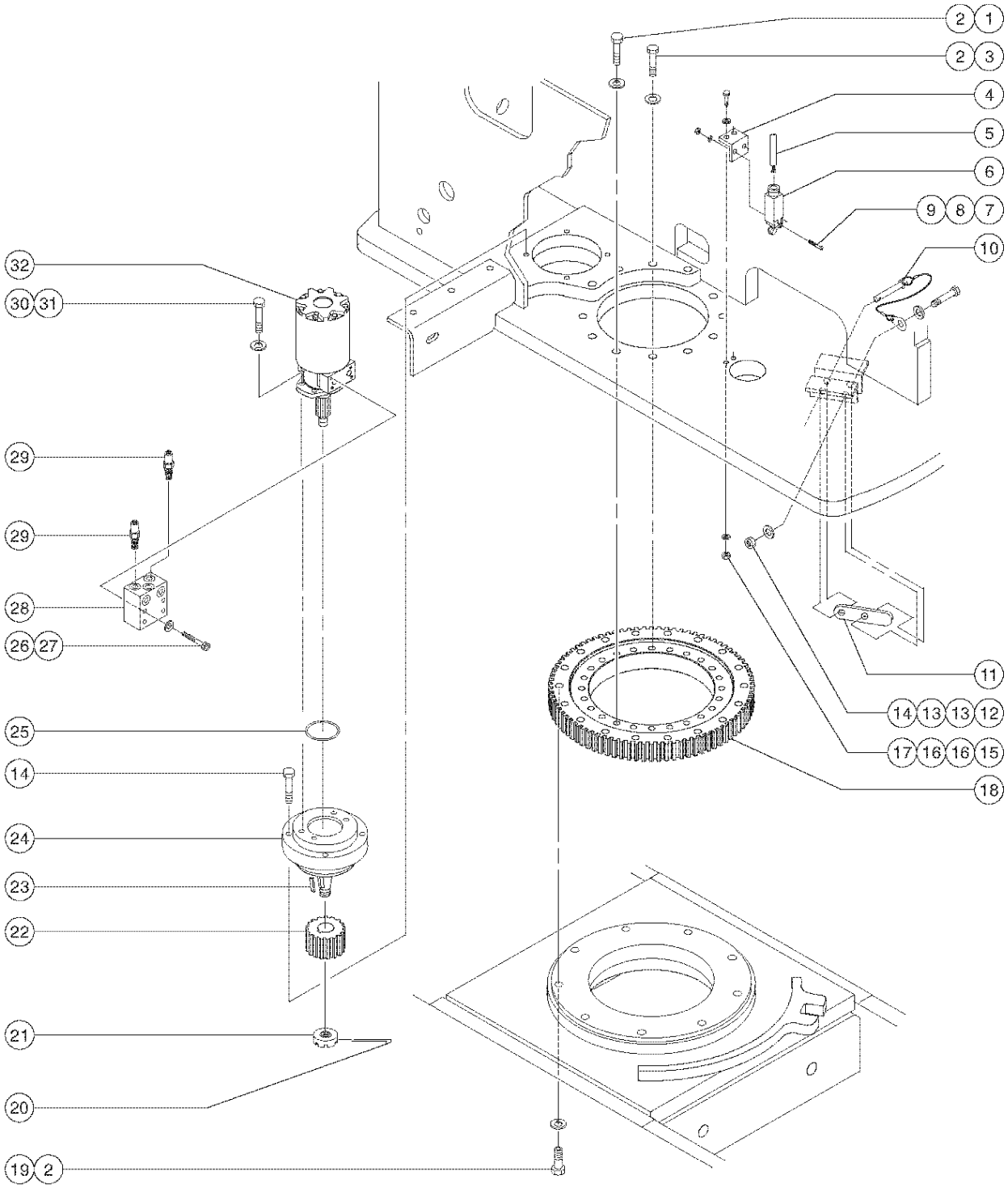
Item	*Part No.*	*Description*	*Qty.*
26	49408GT	WASHER, LOCK, M8	
27	33277GT	WASHER,FLAT,M8,YELLOW ZINC	
28	54316GT	COVER,FLYWHEEL,2 CYL.KUBOTA	1
29	52851GT	BRACKET-RADIATOR SUPRT,INBOARD	1
30	866397GT	KUBOTA GASKET,THERMOSTAT	1
31	23473GT	THERMOSTAT ASSY, WG750B	1
32	27367GT	THERMOSTAT COVER,KUBOTA GAS	1
33	49375GT	SCREW,HHC,M6 X 16	
34	49407GT	WASHER,LOCK,M6	
35	25926GT	WASHER,FLAT,M6 PLTD.	
36	119507GT	KIT,Z482 RAD SUPPORT	1

401.1 Turntable Rotator



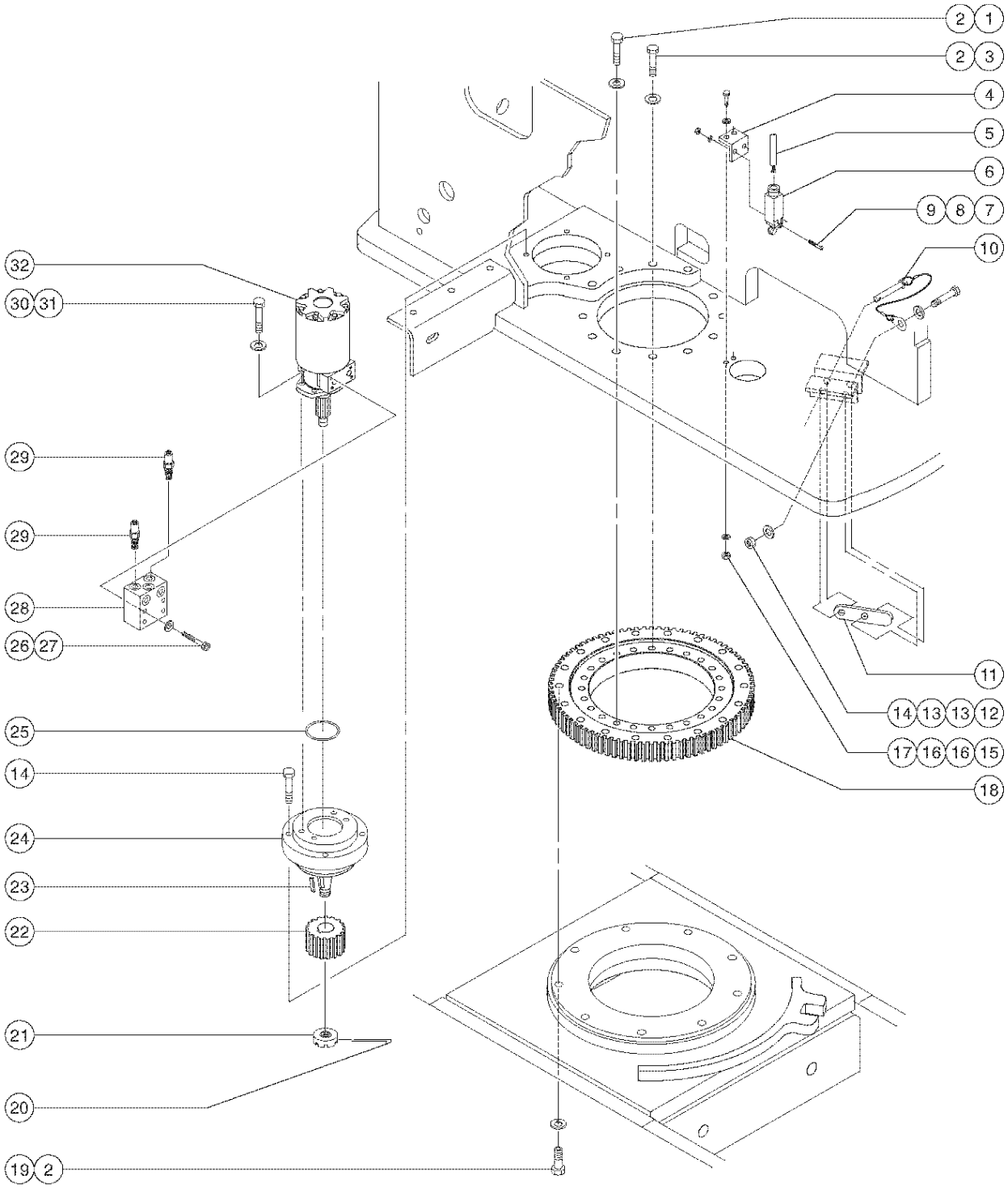
Item	Part No.	Description	Qty.
1	21175GT	SCREW,SHC,5/8-11 X 4,A574	4
1-	21175GT	SCREW,SHC,5/8-11 X 4,A574	6
2	13064GT	WASHER,FLAT,.625 HARDENED	21
2-	13064GT	WASHER,FLAT,.625 HARDENED	36
3	56900GT	SCREW,SHC,5/8-11 X 2.5 BLK	8
3-	56900GT	SCREW,SHC,5/8-11 X 2.5 BLK	14
4	50469GT	BRACKET,DRIVE SENSOR,ENABLE	
5	106278GT	HARNESS,LS,D.E. Z45BE	
6	88356-11103GT	SWITCH,LIMIT,W/RLR ARM,NO/NC	1
6-	19491GT	CONTACTOR,LIMIT SWITCH	
6-	97128GT	ROLLER ARM,LIMIT SWITCH***	
7	49825GT	SCREW,PHILLIPS,PHM,8-32 X 1.5	
8	6607GT	WASHER,LOCK,#10 PLTD	
9	18605GT	NUT,NYLOCK,8-32	
10	54145-800GT	RETAINING PIN, ASSY	
11	50776-SGT	PLATE,SWING LOCK,PAINTED	
12	6198GT	NUT, NYLOCK, 1/2-13	
13	6095GT	WASHER,FLAT,USS,1/2",Y	
14	50576GT	SCREW,SHC,1/2-13 X 3.00	
14-	56680GT	SCREW,SHC,1/2-13 X 4.50 ZINC	
15	6889GT	NUT,LP NYLOCK,1/4-20	
16	6638GT	WASHER, FLAT, USS, 1/4"Y	
17	4266GT	SCREW,HHC,1/4-20 X 2	
18	50411GT	BEARING,SWING CHASSIS RINGGEAR	1
18-	101815GT	BEARING,SWING CHASSIS	1
19	25068GT	SCREW,SHC,5/8-11 X 4.5,A574	9
19-	25068GT	SCREW,SHC,5/8-11 X 4.5,A574	16
20	42079GT	PIN,COTTER,.156 X 2.5	

401.1 Turntable Rotator



Item	Part No.	Description	Qty.
21	52767GT	NUT-CASTLE (50414)	
22	50412GT	PINION GEAR (to SN 18366) (for motor 50413 and brake 50414 only, identify swing drive assembly before ordering)	
23	52766GT	KEY-WOODRUFF (50414)	
24	50414GT	BRAKE,MICO,12000 IN/LB*** (to SN 18366) (for motor 50413)	
24-	44828GT	SEAL KIT,BRAKE,MICO***	
24-	52770GT	LINING KIT-MICO BRAKE (50414)	
24-	1301037GT	SHAFT,BRAKE (50414)	
24-	44829GT	BEARING,BRK,MICO **	
24-	52772GT	SPRING KIT-MICO BRAKE (50414)	
25	43683GT	O-RING,2-042 N674-70***	
26	50175GT	SCREW,HHC,5/16-18 X 2.75 GR5	
27	6886GT	WASHER,LOCK,.313	
28	50447GT	MANIFOLD,DUAL COUNTERBALANCE includes item 29; to SN 18366	
28-	43018GT	SEAL KIT (39345)	
29	33428GT	VALVE,COUNTERBALANCE	
30A	54177GT	SCREW,HHC,1/2-13 X 1.5 GRD 8 to SN 18366	4
30B	56680GT	SCREW,SHC,1/2-13 X 4.50 ZINC from SN 18367	4
31	6033GT	WASHER,LOCK,0.5"	
32A	50413GT	MOTOR,TURNTABLE ROTATE,29.1 to SN 18366	1
32A-	52783GT	SEAL KIT,TRNTBLE ROT MTR(50413 for 50413	
32B		Ref: Swing Drive Assy (from SN 18367) (not shown) 77082 is no longer available, order PN 824050	
32B-	77246GT	SEAL KIT,SWING MOTOR*** for 77082	
32B-	128446GT	MANIFOLD,TURNTABLE ROTATION*** for 77082	
32B-	220255GT	SEAL KIT,MANIFOLD TO MOTOR for 128446	
32B-	48904GT	ELBOW, 90D, 520220-4 not included, must order seperately	
32C		SWING DRIVE ASSY*** (not shown) 147209 is no longer available, order PN 824050	
32C-		SEAL KIT,SWING DRIVE*** component no longer available	
32C-		BRAKE KIT, SWING DRIVE component no longer available	

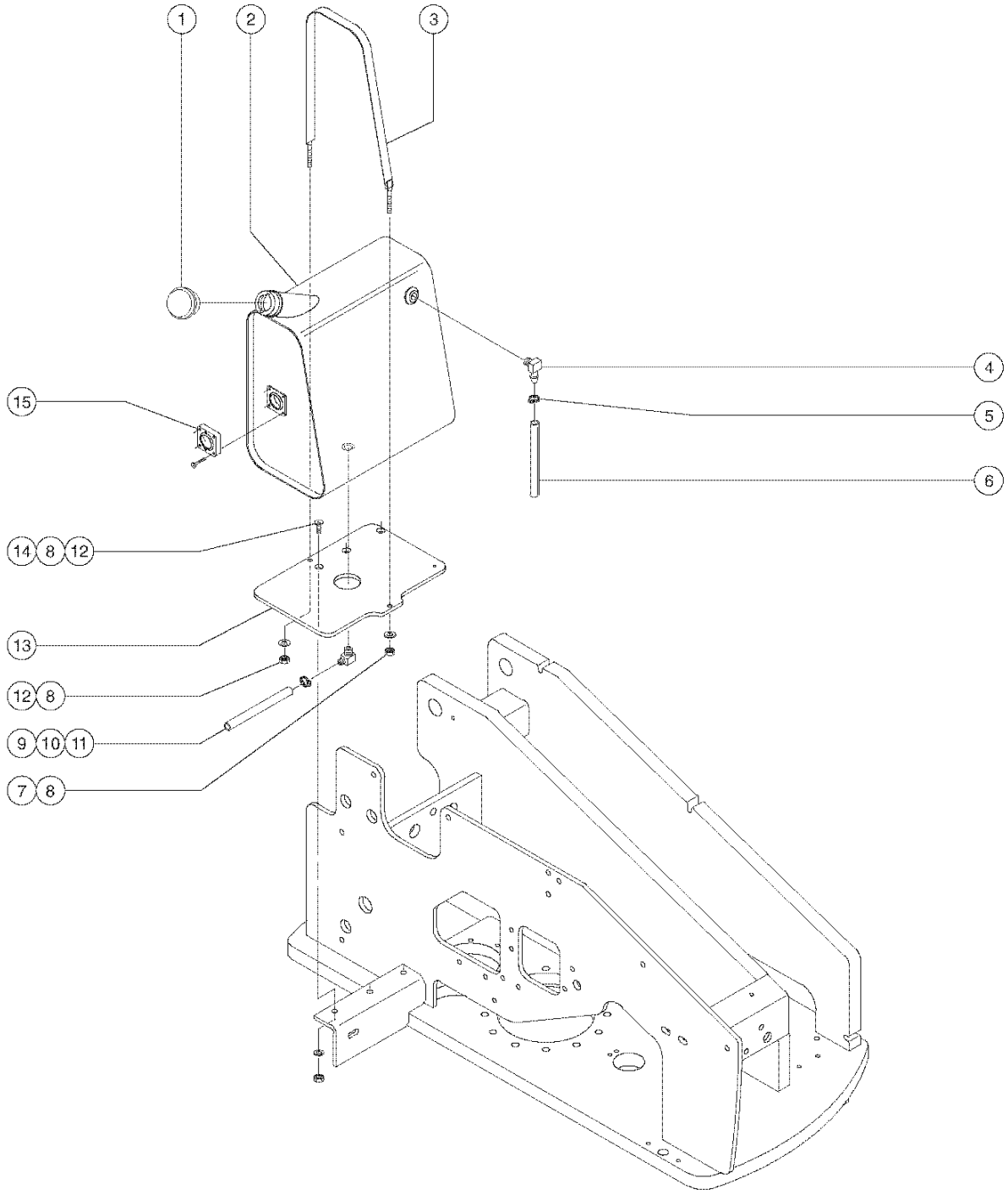
401.1 Turntable Rotator



401.1 Turntable Rotator

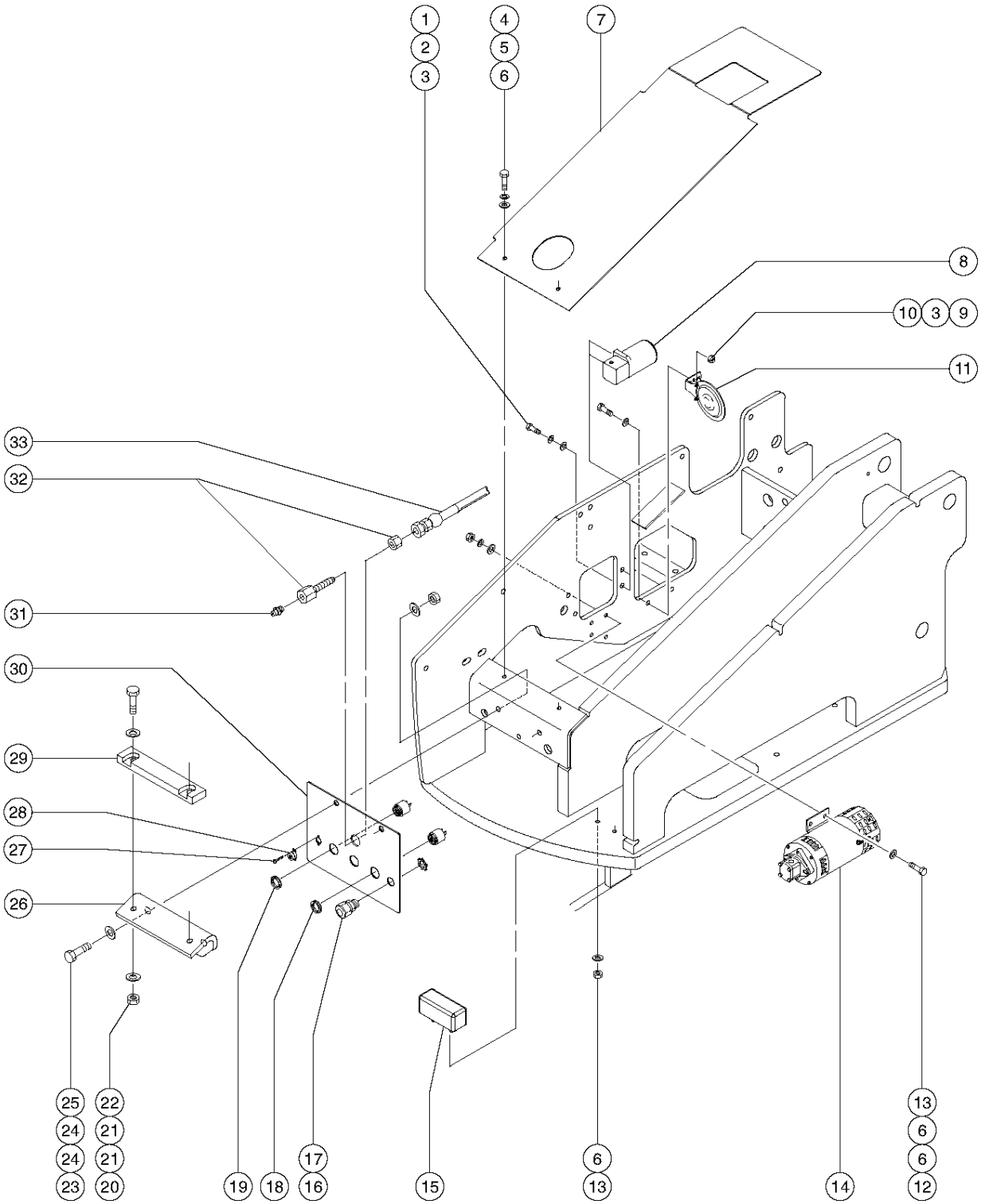
Item	Part No.	Description	Qty.
32C-		MANIFOLD KIT, SW DRIVE component no longer available	
32C-	220255GT	SEAL KIT,MANIFOLD TO MOTOR for 147212	
32C-	48904GT	ELBOW, 90D, 520220-4 not included, must order seperately	
32D	824050GT	SWING DRIVE ASSEMBLY replaces PNs 77082 & 147209, use from SN 18367	1
32D-	824051GT	SEAL KIT, SWING DRIVE for 824050	
32D-	824052GT	VALVE BLOCK, SWING DRIVE for 824050	
32D-	48904GT	ELBOW, 90D, 520220-4 not included, must order seperately	

402.1 Bi-Energy Fuel Tank



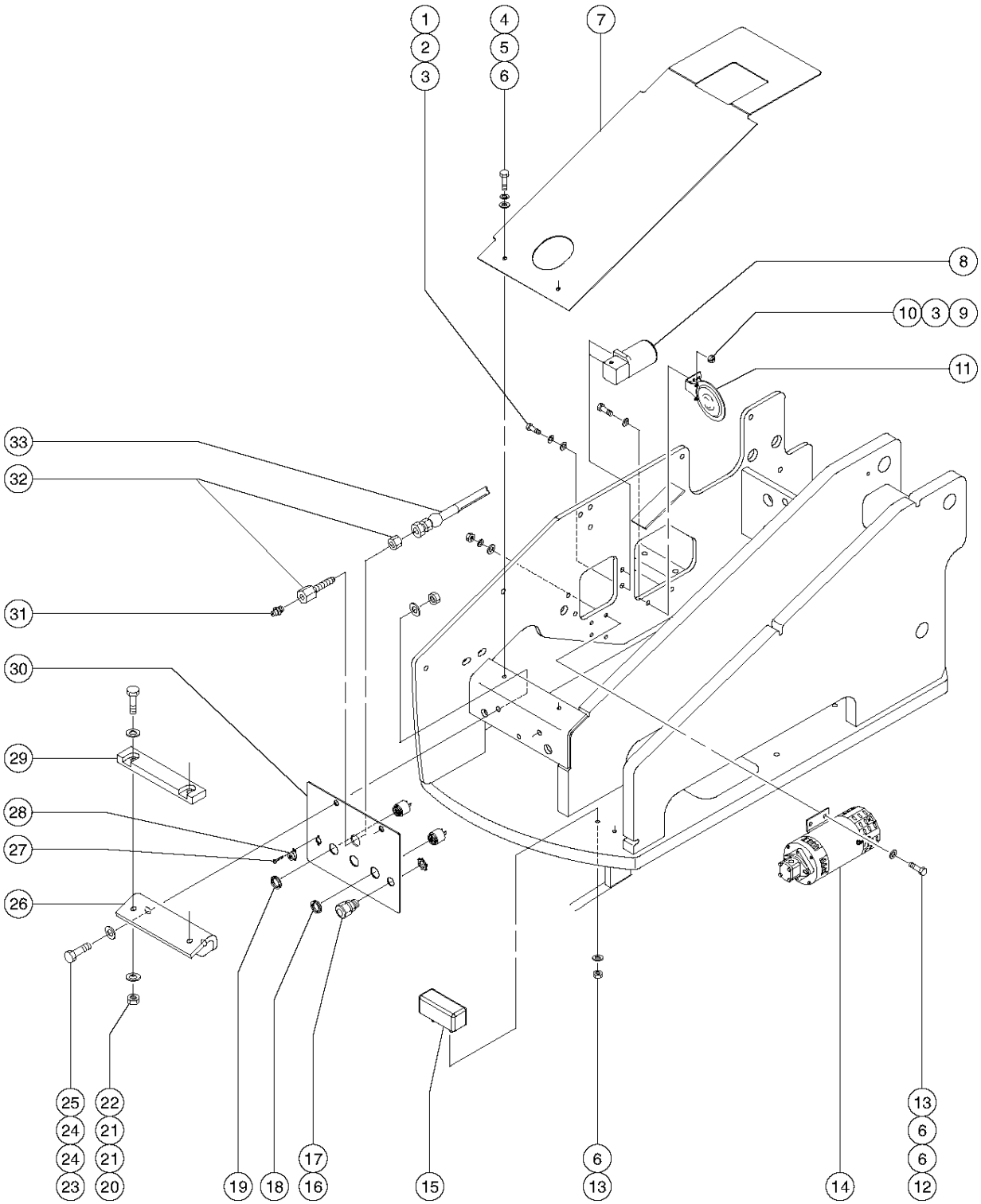
Item	Part No.	Description	Qty.
1	54694GT	FUEL CAP,BI-ENERGY,Z45***%%	
2	62131-SGT	FUEL TANK ASSY W/DECAL(Z45/25)	
3	1282314GT	STRAP ASSY, 44LG, W/RUBBER	
4	54206GT	HOSE END,BARB,1/4 MNPTX3/16,90	
5	31982GT	CLAMP,HOSE,1 EAR, 15/32	
6	54286GT	HOSE,3/16,FUEL,SAE 30R7,103"	
7	7713GT	NUT, LP NYLOCK, 3/8-16	
8	5397GT	WASHER, FLAT, USS, 5/16-18	
9	54287GT	HOSE,5/16,FUEL,SAE 30R7,86"	
10	54123GT	CLAMP,HOSE,1 EAR, 5/8	
11	54205GT	HOSE END,BARB,1/4 MNPTX5/16,90	
12	4828GT	NUT, NYLOCK, 3/8-16	
13	60102-SGT	PLATE,FUEL TANK,PAINTED	
14	17712GT	SCREW,FHS,3/8-16 X 1.75	
15	60170GT	GAUGE,FUEL,SIDE MOUNT Z45 includes mounting fasteners	

403.1 Turntable Center Components, Z-45/25



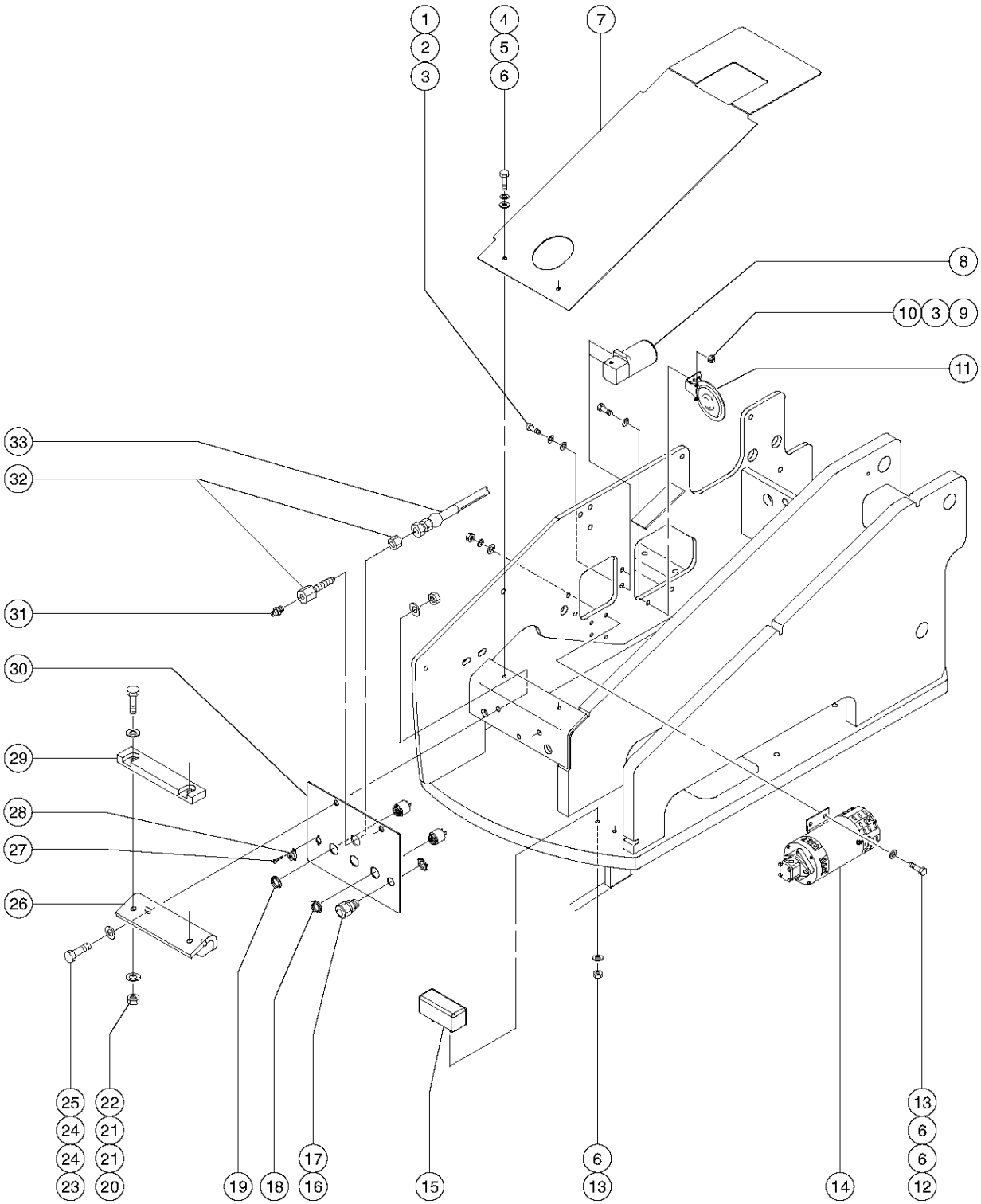
Item	Part No.	Description	Qty.
1	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
2	6886GT	WASHER,LOCK,.313	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	8255GT	SCREW,HHC,3/8-16 X .75	
5	6021GT	WASHER, LOCK, .375	
6	5397GT	WASHER, FLAT, USS, 5/16-18	
7		COVER,SWING CHASSIS CENTER,PAI No longer available	
8	36179GT	POWER UNIT,AUX PUMP 24VDC	
8-	37185GT	PUMP ASSEMBLY (36179) Part 37185GT is no longer backwards compatible with 37184GT. Order complete Aux Pump 36179GT	
8-	37187GT	SEAL KIT, 37185 PUMP	
8-	37186GT	VALVE,CHECK (36179)	
8-	37191GT	GASKET, PUMP / MOTOR (36179)	
8-	37192GT	COUPLER, PUMP / MOTOR (36179)	
8-	37184GT	MOTOR, 24V (36179)	
8-	49878GT	NYLON WASHER,(36179)	
9	6782GT	NUT, NYLOCK, 5/16-18	
10	13000GT	SCREW,HHC,5/16-18 X 1.25	
11	81579GT	HORN, 24VDC, SPADE TERMINALS*** to SN 19816	
11-	81579GT	HORN, 24VDC, SPADE TERMINALS*** from SN 19817	
12	8516GT	SCREW, HCC, 3/8-16 X 1.50	
13	4828GT	NUT, NYLOCK, 3/8-16	
14		Ref. Hydraulic Power Unit (refer to 701.1)	
15	56927GT	PAD,REST,2"THICK,W/STUDS*	
16	54120GT	CONN,STRAIN RELIEF,LP,1/2 NPT	
17	62086GT	LOCKNUT-ELECTRIC, 1/2"(54120)	
18	18963GT	ALARM, INTERMITTENT TONE 6-30V* Does not include 72326 nut	
18-	72326GT	NUT - PLASTIC, RING FOR ALARMS	
19	45462GT	ALARM,CHIME TONE 5-25VDC*** Does not include 72326 nut	

403.1 Turntable Center Components, Z-45/25



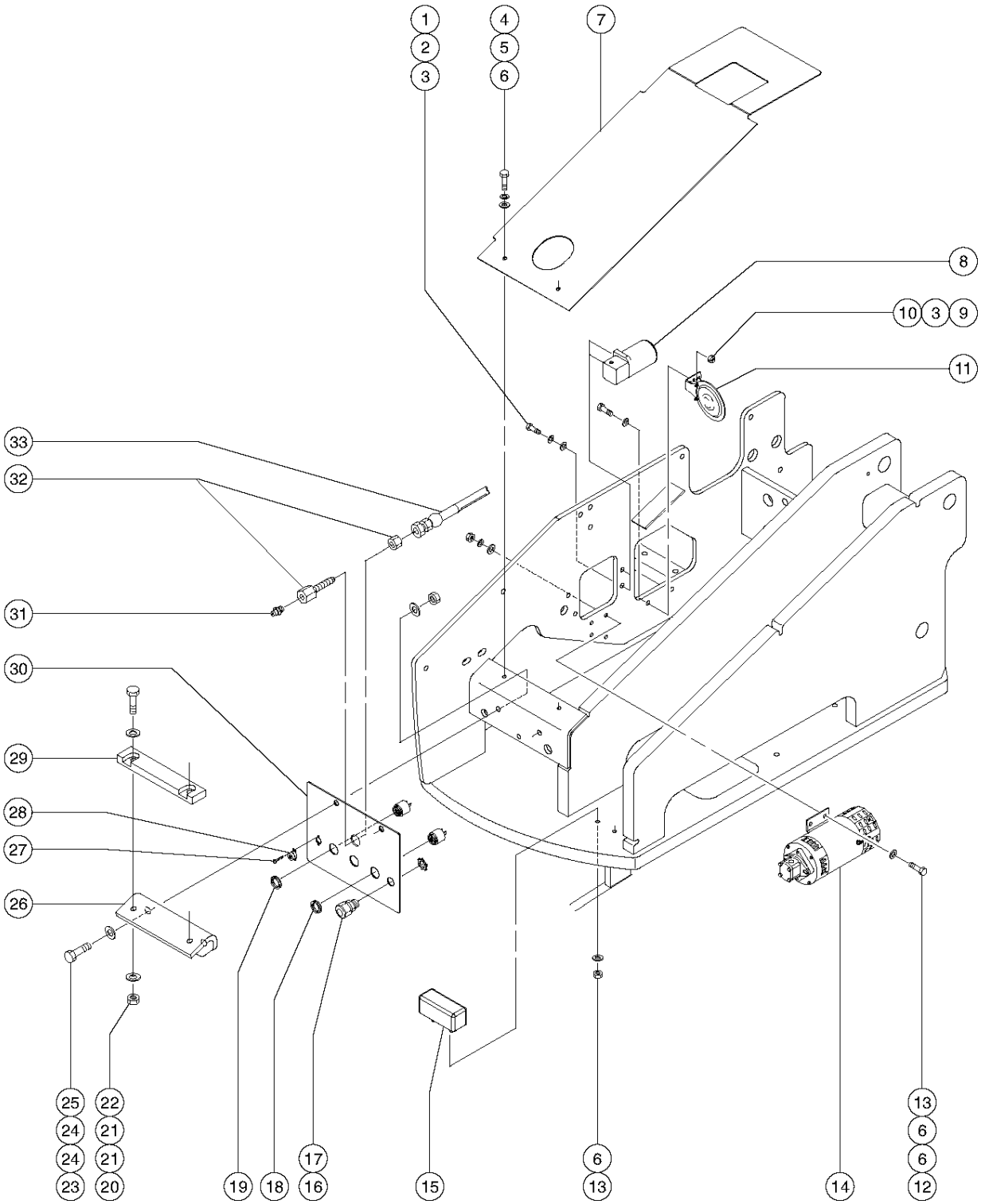
Item	Part No.	Description	Qty.
19-	72326GT	NUT - PLASTIC, RING FOR ALARMS	
20	4828GT	NUT, NYLOCK, 3/8-16	
21	5397GT	WASHER, FLAT, USS, 5/16-18	
22	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
23A	22788GT	SCREW,HHC,1/2-13 X 1.75 (Z45/25)	
24A	6095GT	WASHER,FLAT,USS,1/2",Y (Z45/25)	
25A	6198GT	NUT, NYLOCK, 1/2-13 (Z45/25)	
26	50569-SGT	ANGLE,PRI. BOOM REST,NON-JIB	
27	6272GT	RIVET,STL,STL,P,.125 X .25	
28	13511GT	RECEPTICAL,SNAP-IN (1450G1)*** to SN 22050	
29	50570GT	WEAR PAD,PRIMARY BOOM,NON JIB	
30	60005-SGT	PLATE,FRONT COVER,PAINTED	
31	28648GT	SPARK PLUG WIRE SET, LSG 423 Genie genuine part	1
32	1259056GT	SPARK PLUG WIRE SET, LSG 423 Genie aftermarket	
32	48885GT	CONNECTOR,BULKHEAD,FEMALE-4	
33	54088-3438-SGT	HOSE ASSY,1/4",100R1,FEM/FEM to SN 16391	
33-	54953-3408GT	HOSE ASSY,LUBE RINGGEARBEARING from SN 16392	

403.2 Turntable Center Components, Z-45/25J



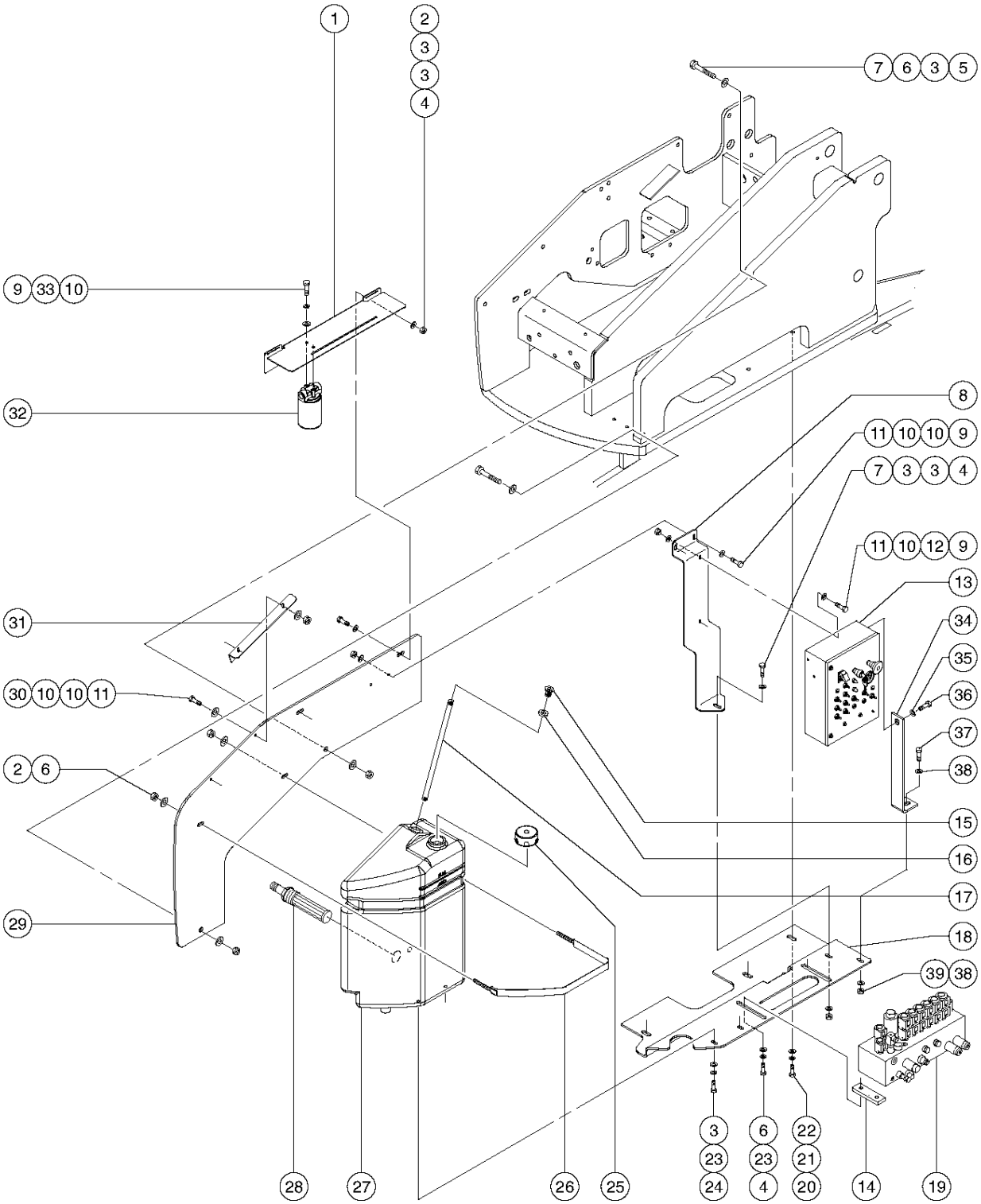
Item	Part No.	Description	Qty.
1	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
2	6886GT	WASHER,LOCK,.313	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	8255GT	SCREW,HHC,3/8-16 X .75	
5	6021GT	WASHER, LOCK, .375	
6	5397GT	WASHER, FLAT, USS, 5/16-18	
7		COVER,SWING CHASSIS CENTER,PAI No longer available	
8	36179GT	POWER UNIT,AUX PUMP 24VDC	
8-	37185GT	PUMP ASSEMBLY (36179) Part 37185GT is no longer backwards compatible with 37184GT. Order complete Aux Pump 36179GT	
8-	37187GT	SEAL KIT, 37185 PUMP	
8-	37186GT	VALVE,CHECK (36179)	
8-	37191GT	GASKET, PUMP / MOTOR (36179)	
8-	37192GT	COUPLER, PUMP / MOTOR (36179)	
8-	37184GT	MOTOR, 24V (36179)	
8-	49878GT	NYLON WASHER,(36179)	
9	6782GT	NUT, NYLOCK, 5/16-18	
10	13000GT	SCREW,HHC,5/16-18 X 1.25	
11	81579GT	HORN, 24VDC, SPADE TERMINALS*** to SN 19816	
11-	81579GT	HORN, 24VDC, SPADE TERMINALS*** from SN 19817	
12	8516GT	SCREW, HCC, 3/8-16 X 1.50	
13	4828GT	NUT, NYLOCK, 3/8-16	
14		Ref. Hydraulic Power Unit (refer to 701.1)	
15	56927GT	PAD,REST,2"THICK,W/STUDS*	
16	54120GT	CONN,STRAIN RELIEF,LP,1/2 NPT	
17	62086GT	LOCKNUT-ELECTRIC, 1/2"(54120)	
18	18963GT	ALARM, INTERMITTENT TONE 6-30V* Does not include 72326 nut	
18-	72326GT	NUT - PLASTIC, RING FOR ALARMS	
19	45462GT	ALARM,CHIME TONE 5-25VDC*** Does not include 72326 nut	

403.2 Turntable Center Components, Z-45/25J



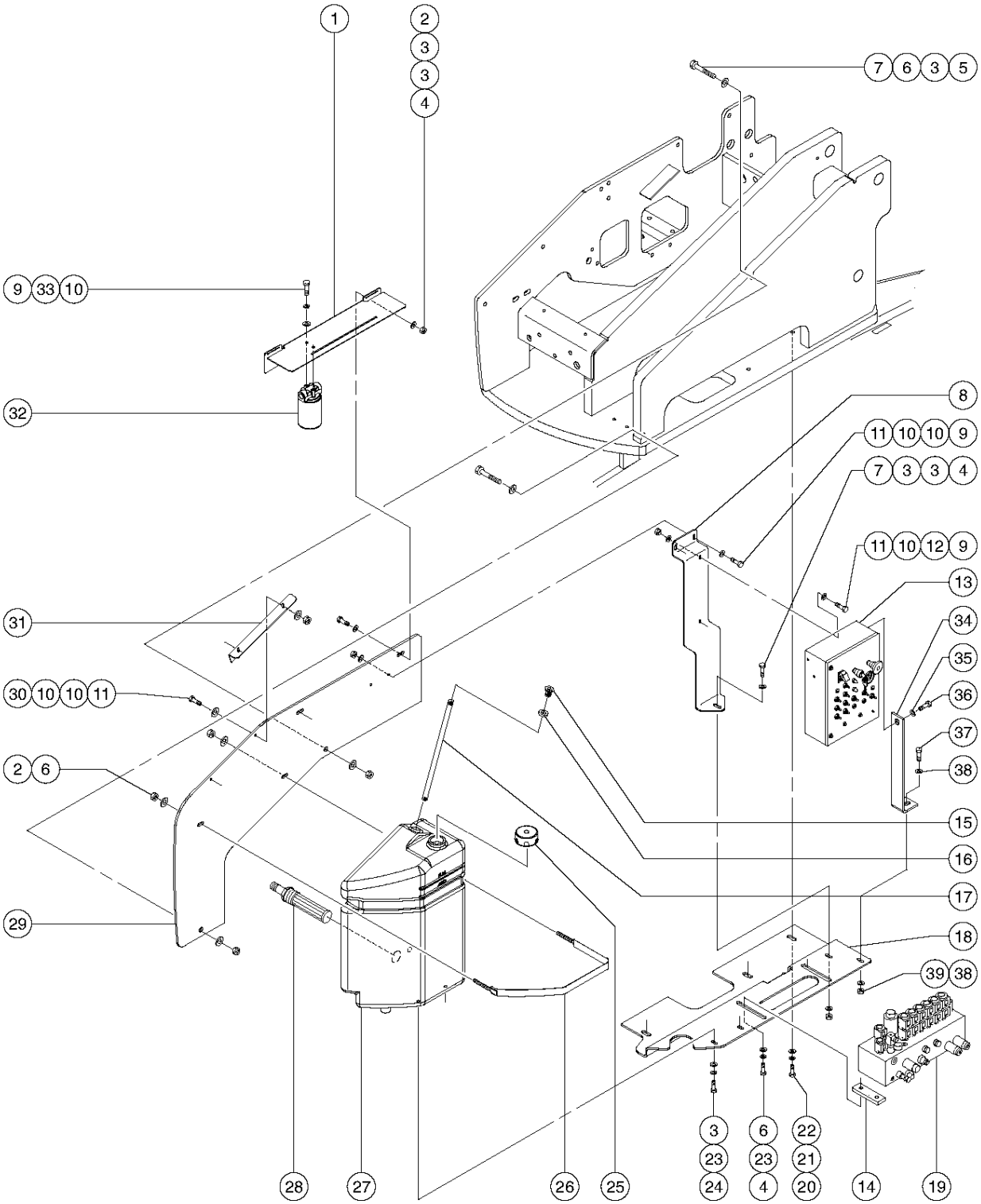
Item	Part No.	Description	Qty.
19-	72326GT	NUT - PLASTIC, RING FOR ALARMS	
23B	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5 (Z45/25J)	
24B	5397GT	WASHER, FLAT, USS, 5/16-18 (Z45/25J)	
25B	4828GT	NUT, NYLOCK, 3/8-16 (Z45/25J)	
27	6272GT	RIVET,STL,STL,P,.125 X .25	
28	13511GT	RECEPTICAL,SNAP-IN (1450G1)*** to SN 22050	
30	60005-SGT	PLATE,FRONT COVER,PAINTED	
31	28648GT	SPARK PLUG WIRE SET, LSG 423 Genie genuine part	1
31-	1259056GT	SPARK PLUG WIRE SET, LSG 423 Genie aftermarket	
32	48885GT	CONNECTOR,BULKHEAD,FEMALE-4	
33	54088-3438-SGT	HOSE ASSY,1/4",100R1,FEM/FEM to SN 16391	
33-	54953-3408GT	HOSE ASSY,LUBE RINGGEARBEARING from SN 16392	

404.1 Turntable Components - Ground Controls Side



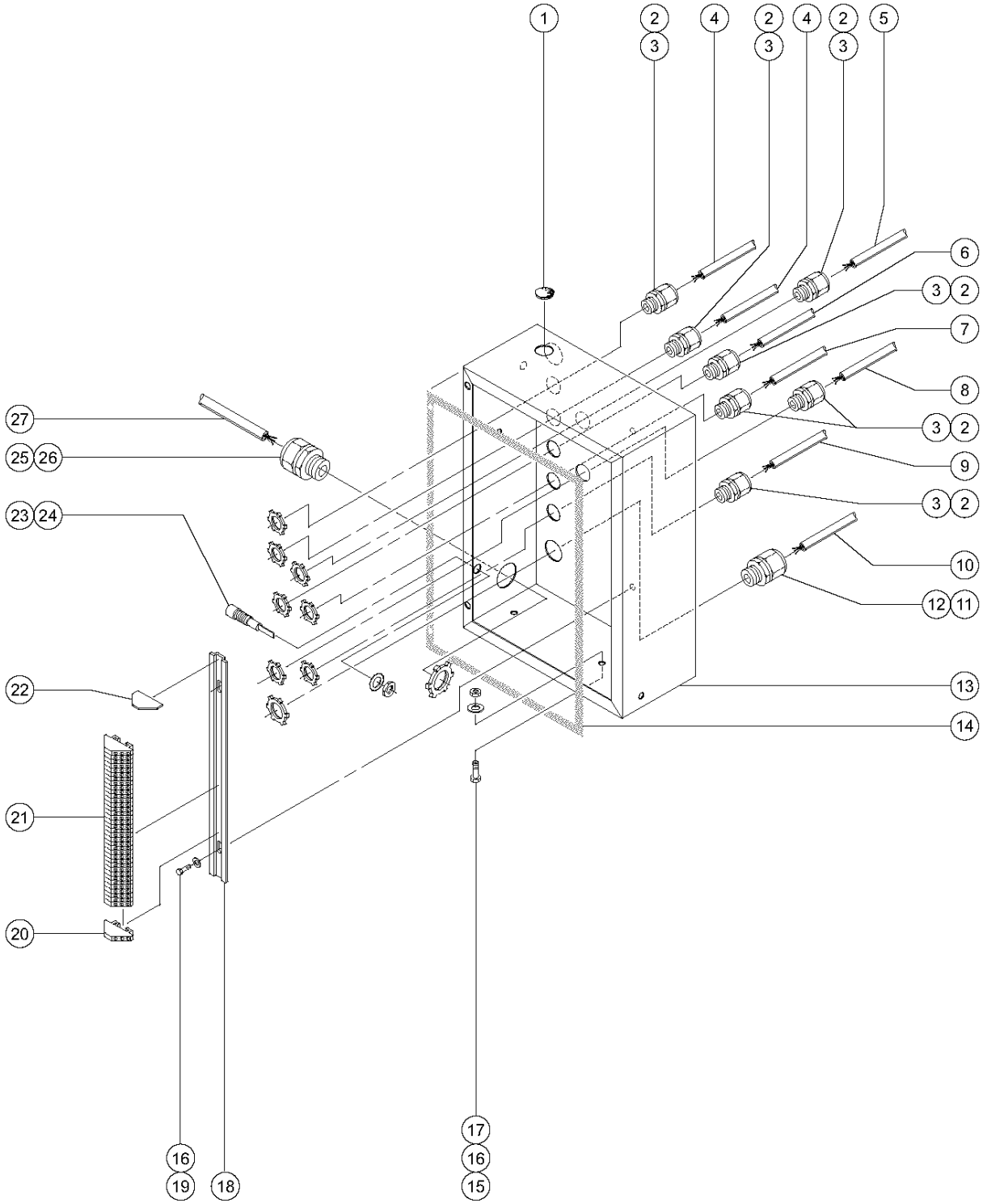
Item	Part No.	Description	Qty.
1	50744-SGT	BRACKET, RETURN FILTER	
2	4828GT	NUT, NYLOCK, 3/8-16	
3	5397GT	WASHER, FLAT, USS, 5/16-18	
4	6175GT	SCREW,HHC,3/8-16 X 1	
5	14033GT	SCREW, HHC, 3/8-16 X 2.75	
6	6097GT	WASHER, FLAT, USS, 3/8", Y	
7	7713GT	NUT, LP NYLOCK, 3/8-16	
8	60004GT	FORMING,LOWER CNTRL BOX MOUNT to SN 21180	
9	6090GT	SCREW, HHC, 1/4-20 X .75	
10	6638GT	WASHER, FLAT, USS, 1/4"Y	
11	6091GT	NUT,NYLOCK,1/4-20	
12	6356GT	WASHER, LOCK, .25	
13		Ref. Ground Controls (refer to 405.1, 406.1, 407.1 or 408.1)	
14	54231GT	WEAR PAD,4.88 X 1.5 X .5	
15	39223GT	BULKHEAD FITTING,PLASTIC X 8** Includes item 16	
16	62088GT	WASHER/BULKHEAD***	
17	60065GT	TUBE,PLASTIC .5 NPT X 18"	
18	50959-SGT	FORMING,SWING CHASSIS,RH,PAINT	
19		Ref. Function Manifold (refer to 702.1, 703.1 or 704.1)	
20	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
21	6033GT	WASHER,LOCK,0.5"	
22	6095GT	WASHER,FLAT,USS,1/2",Y	
23	6021GT	WASHER, LOCK, .375	
24	8255GT	SCREW,HHC,3/8-16 X .75	
25	42019GT	TANK BREATHER,NYLON **	
26	77435GT	STRAP ASSY,29.25LG,W/RUBBER	
27	50966GT	TANK,HYDRAULIC,8 GALLON,DC/BI	
27-	56022GT	PLUG,3/4 MAGNETIC PIPE SQ.DRV	

404.1 Turntable Components - Ground Controls Side



Item	*Part No.*	*Description*	*Qty.*
28	60131GT	STRAINER ASSY.PLASTIC,1.25 MPT	
29	50957-SGT	BULKHEAD,SWING CHASSIS,RH,PAIN to SN 18466	
29-	54443GT	BULKHEAD,SWING,RIGHT,Z45 DC/BE from SN 18467	
30	6888GT	SCREW, HHC, 1/4-20 X 1	
31	60007-SGT	ANGLE,COVER SUPPORT,PAINTED to SN 18466	
31-	54456GT	ANGLE,COVER SUPPORT,DC/BI from SN 18467	
32A	49815GT	FILTER ASSY SAE12,10MIC,PARP to SN 20364	
32A-	62087GT	FILTER ELEMENT 10 MIC 49815	
32B	78622GT	FILTER ASSY,SAE8,10 MIC,PAPR** from SN 20365	
32B-	44788GT	FILTER ELEMENT-10MICRON, PAPER*	
33	6886GT	WASHER,LOCK,.313	
34	88557GT	BRACKET,GROUND CONTROL BOX from SN 21181	
35	6638GT	WASHER, FLAT, USS, 1/4"Y from SN 21181	
36	6090GT	SCREW, HHC, 1/4-20 X .75 from SN 21181	
37	6175GT	SCREW,HHC,3/8-16 X 1 from SN 21181	
38	5397GT	WASHER, FLAT, USS, 5/16-18 from SN 21181	
39	7713GT	NUT, LP NYLOCK, 3/8-16 from SN 21181	

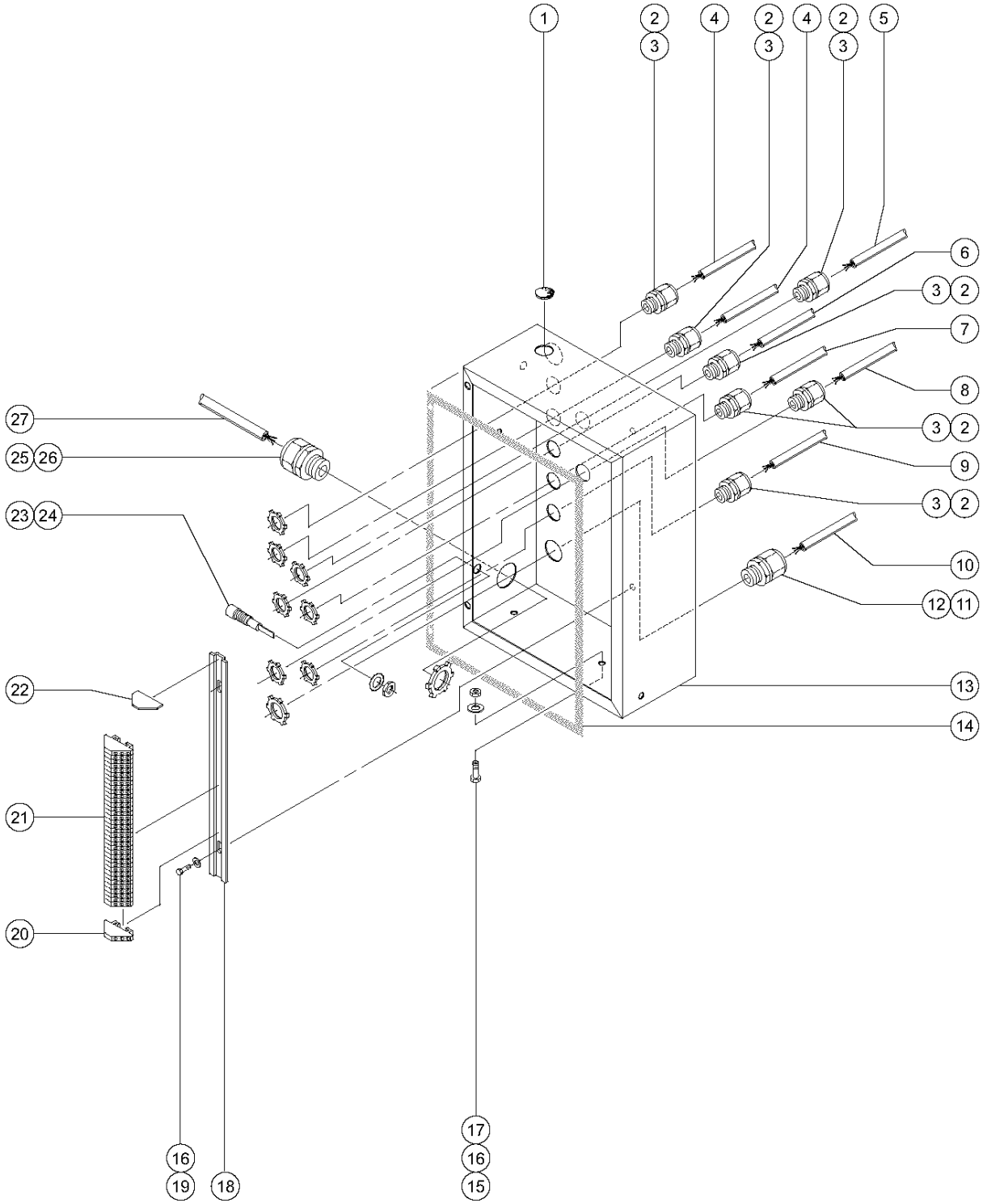
405.1 Ground Control Box - View 1 (to SN 22050)



405.1 Ground Control Box - View 1 (to SN 22050)

Item	Part No.	Description	Qty.
1	45384GT	PLUG,NYLON .50 BLACK DOMED	
2	7057GT	CONN. SQZ,1/2NPT .39-.56 MED.	
3	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	
4	43960GT	WIRE CABLE,16/4 CON.TPE JKT	361
5	43960GT	WIRE CABLE,16/4 CON.TPE JKT	396
6	35934GT	WIRE CABLE,18/19 CON.TPRJKT	804
7	35934GT	WIRE CABLE,18/19 CON.TPRJKT	804
8	43960GT	WIRE CABLE,16/4 CON.TPE JKT	86
9	35934GT	WIRE CABLE,18/19 CON.TPRJKT	733
10	77140GT	HARNESS,MANIFOLD,Z45 BI/DC	
11	12960GT	CABLE SQUEEZE CONN.,XTRA LRG	
12	14041GT	LOCKNUT,ELECTRIC,3/4"	
13		SERVICE KIT, IC GROUND BOX includes item 14; to SN 19374	
13-	77522GT	CONTROL,BOX ASSY-GRND Z45 IC includes item 14; from SN 19375 to SN 22050	
14	50572GT	GASKET,GROUND CONTROL BOX to SN 19374	
14-	88637GT	GASKET,GROUND CONTROL BOX*** from SN 19375 to SN 22050	
15	6090GT	SCREW, HHC, 1/4-20 X .75	
16	6638GT	WASHER, FLAT, USS, 1/4"Y	
17	6091GT	NUT,NYLOCK,1/4-20	
18	36871GT	DIN RAIL,14.75" **	
19	7339GT	SCREW,HHC,1/4-20 X .5	
20	25837GT	TERMINAL STRIP END PLATE	1
21	25836GT	TERMINAL BLOCK(SINGLE),WAGO***	50
22	25974GT	PLASTIC END STOP	1
23	824878GT	LIGHT,LED IND. RED 24V NH includes mounting fastener	
24	6700GT	WASHER, STAR, EXTERNAL, .375	
25	20776GT	CABLE SQUEEZE CONN	
26	18665GT	LOCKNUT,ELECTRIC,1" NPT	

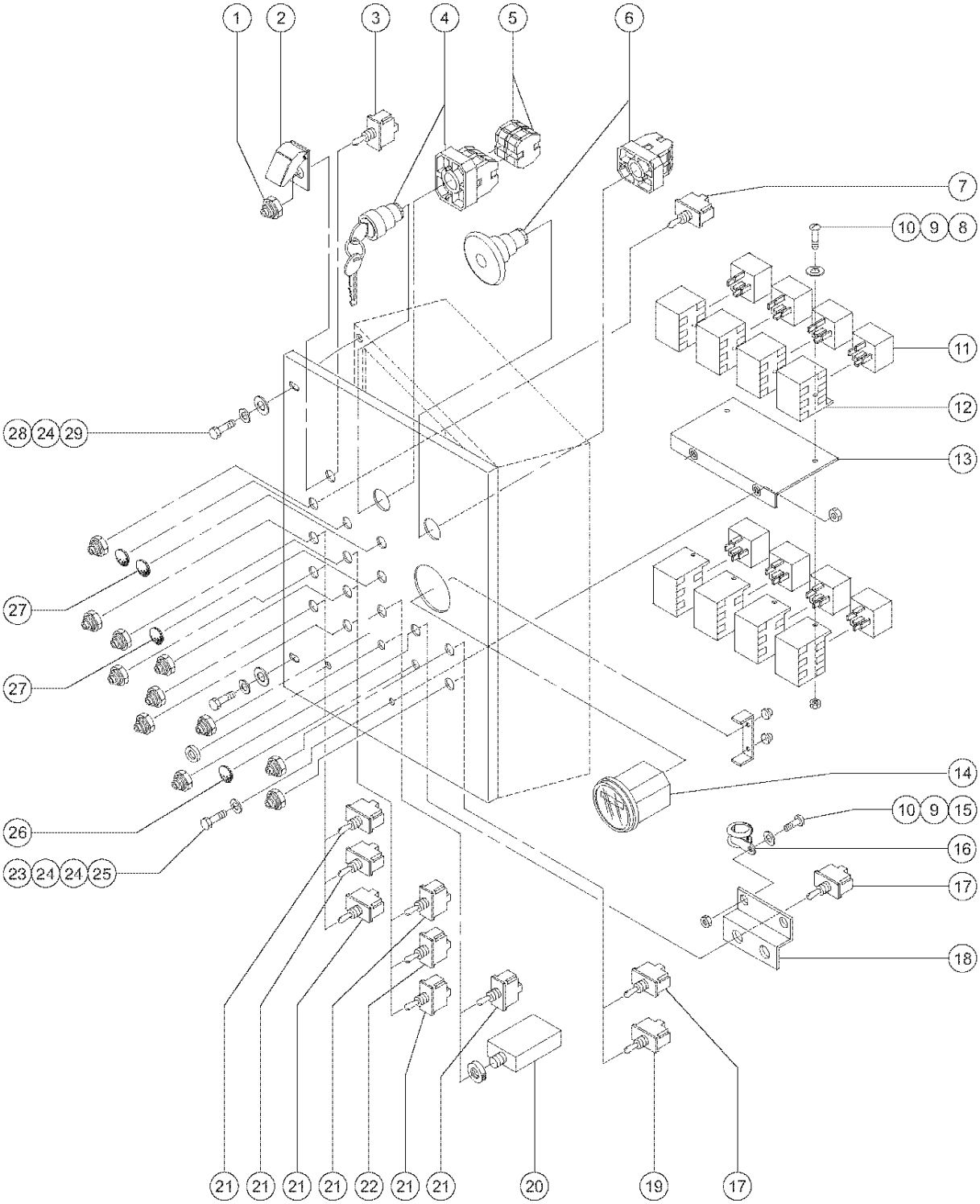
405.1 Ground Control Box - View 1 (to SN 22050)



405.1 Ground Control Box - View 1 (to SN 22050)

Item	Part No.	Description	Qty.
27	54304GT	HARNESS,CHASSIS,Z45 BI ENERGY	

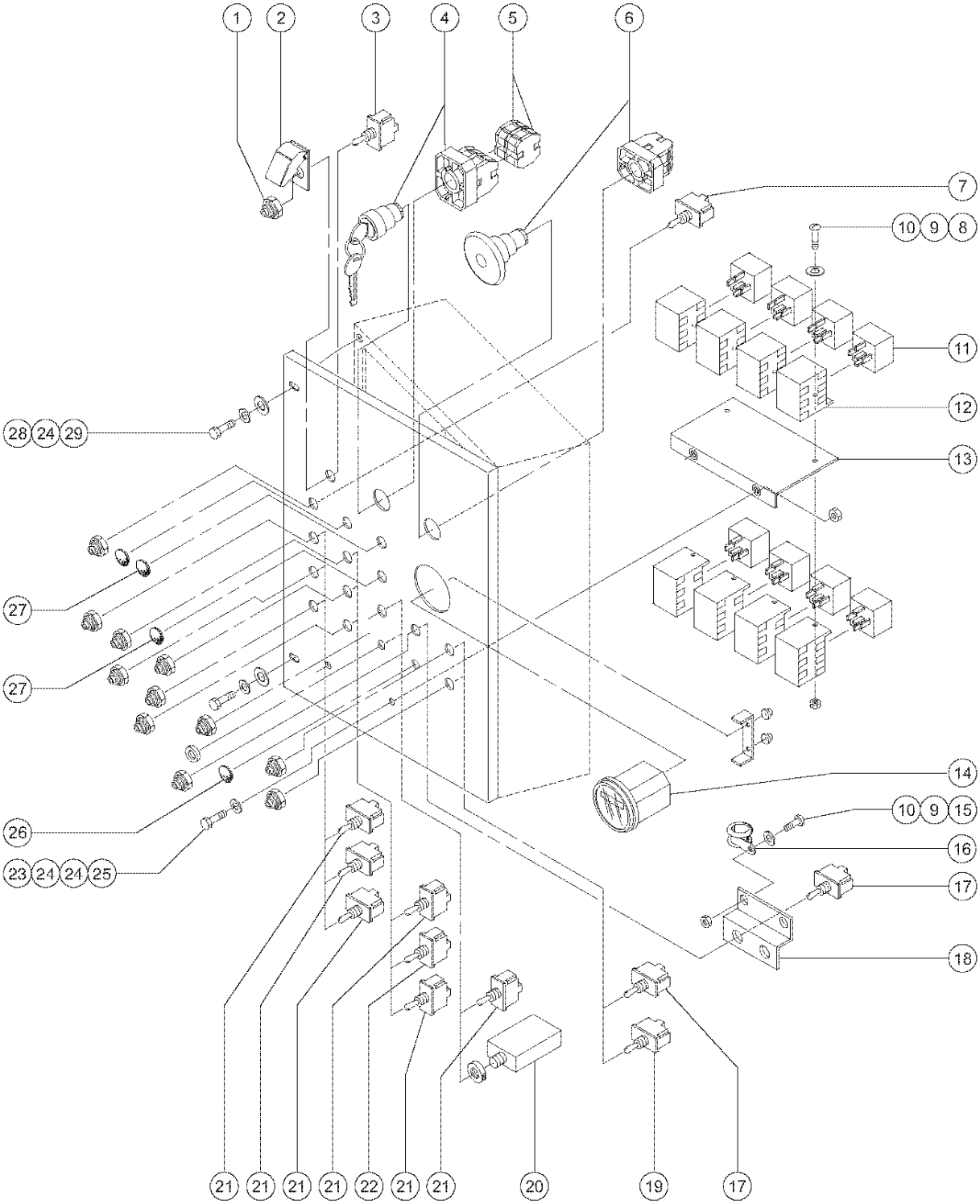
406.1 Ground Control Box - View 2 (to SN 22050)



406.1 Ground Control Box - View 2 (to SN 22050)

Item	Part No.	Description	Qty.
1	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
2	13471GT	COVER, AUXILIARY POWER SWITCH	
3	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM	
3-	128581-SGT	SWITCH TOGGLE DPDT 2P MOM SHDR	
3-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
3-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
4	122512GT	KIT,KEYSWITCH SVC BB & SM BOOM	
4-	66811GT	KEYSWITCH,3POS.MNTND.DR WKEY** includes keyswitch and two keys, not included: base and contacts.	
4-	122366GT	KEYSWITCH,CONTACTS LOCK	
4-	21982GT	KEY,SINGLE***	
4-	37947GT	KEYS,10 PACK***	
5	66821GT	BASE,WITHOUT CONTACTS	
5-	66816GT	CONTACT,N.O.***	
6	122514GT	KIT,ESTOP SVC BB&SM BOOM	
6-	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	
6-	66821GT	BASE,WITHOUT CONTACTS	
6-	66818GT	CONTACT,NC	
7A	128205GT	SWITCH TOGGLE ASSY DPDT 2P MNT (Bi-Energy)	
7A-	128585GT	SWITCH TOGGLE DPDT 2P MNT SHDR	
7A-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
7A-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
7B	45384GT	PLUG,NYLON .50 BLACK DOMED (DC)	
8	49826GT	SCREW,PHILLIPS,PHM,10-32 X.625	
9	6146GT	WASHER,FLAT,MS,#10,Y	
10	6178GT	NUT, NYLOCK, 10-32	
11	56302GT	RELAY,24VDC,40/30A,SEALED***	
12	34053GT	ASSY,RELAY SOCKET, AUTO	
12-		RELAY SOCKET,AUTO,RETAINER*** component of 34053	

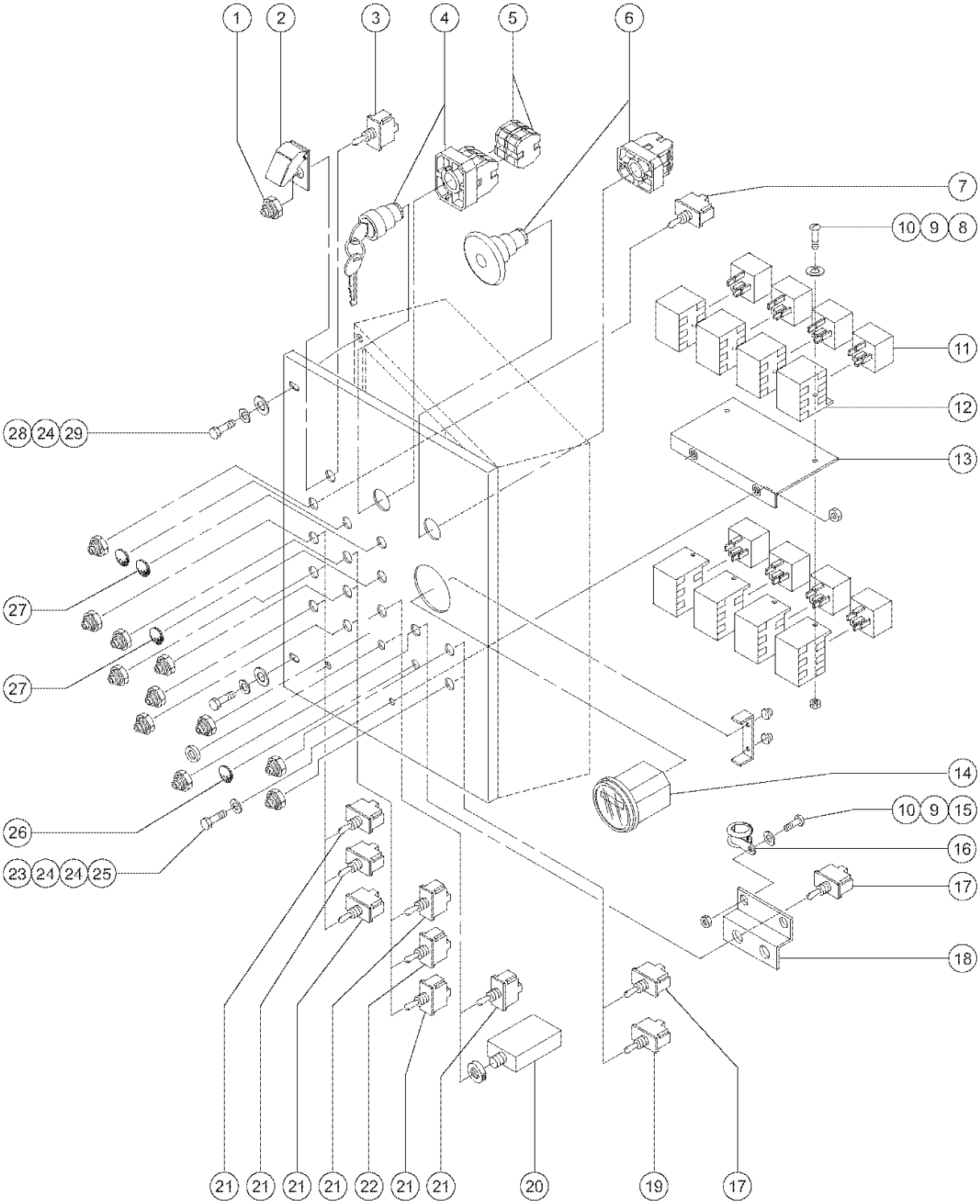
406.1 Ground Control Box - View 2 (to SN 22050)



406.1 Ground Control Box - View 2 (to SN 22050)

Item	Part No.	Description	Qty.
12-	34054GT	TERM,RELAY N-INSULATED 10-12 G	
12-	34055GT	TERM RELAY,N-INSULATE 14-16 GA	
12-	34056GT	TERM,RELAY,N-INSULATE 18-20 GA	
13	34057GT	ANGLE,RELAY MOUNTING	
14	56100GT	HOUR METER,LCD,9-60 VDC*** to SN 19374	
14-	19506GT	HOUR METER, 10-80 VOLTS*** from SN 19375	
15	49819GT	SCREW,PHILLIPS,PHM,10-32 X .5	
16	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH	
17A	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM (Bi-Energy)	
17A-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
17A-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
17A-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
17B	45384GT	PLUG,NYLON .50 BLACK DOMED (DC)	
18	54525GT	BRACKET-PANEL-WIRE MOUNTING 99	
19	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	
19-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
19-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
19-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
20	147093GT	ASSY, CIRCUIT BREAKER 10A	
21	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	
21-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
21-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
21-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
22B	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM (Z45/25J)	
22B-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
22B-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
22-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
22A	45384GT	PLUG,NYLON .50 BLACK DOMED (Z45/25)	

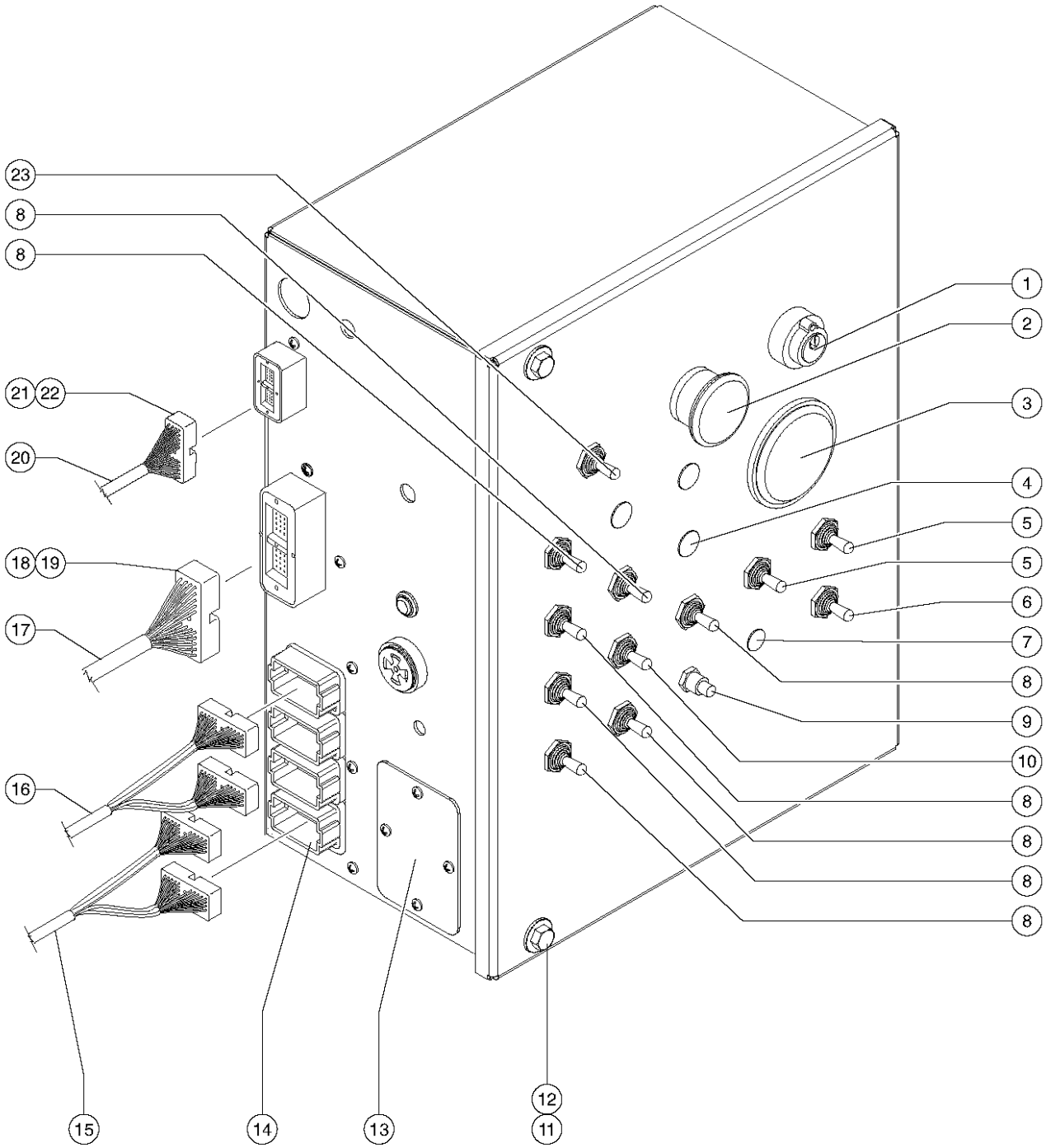
406.1 Ground Control Box - View 2 (to SN 22050)



406.1 Ground Control Box - View 2 (to SN 22050)

Item	*Part No.*	*Description*	*Qty.*
23	8914GT	SCREW, HHC, 1/4-20 X .625	
24	6356GT	WASHER, LOCK, .25	
25	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD	
26	21858GT	PLUG,NYLON .38 BLACK DOMED	
27	45384GT	PLUG,NYLON .50 BLACK DOMED	
28	6090GT	SCREW, HHC, 1/4-20 X .75	
29	6638GT	WASHER, FLAT, USS, 1/4"Y	

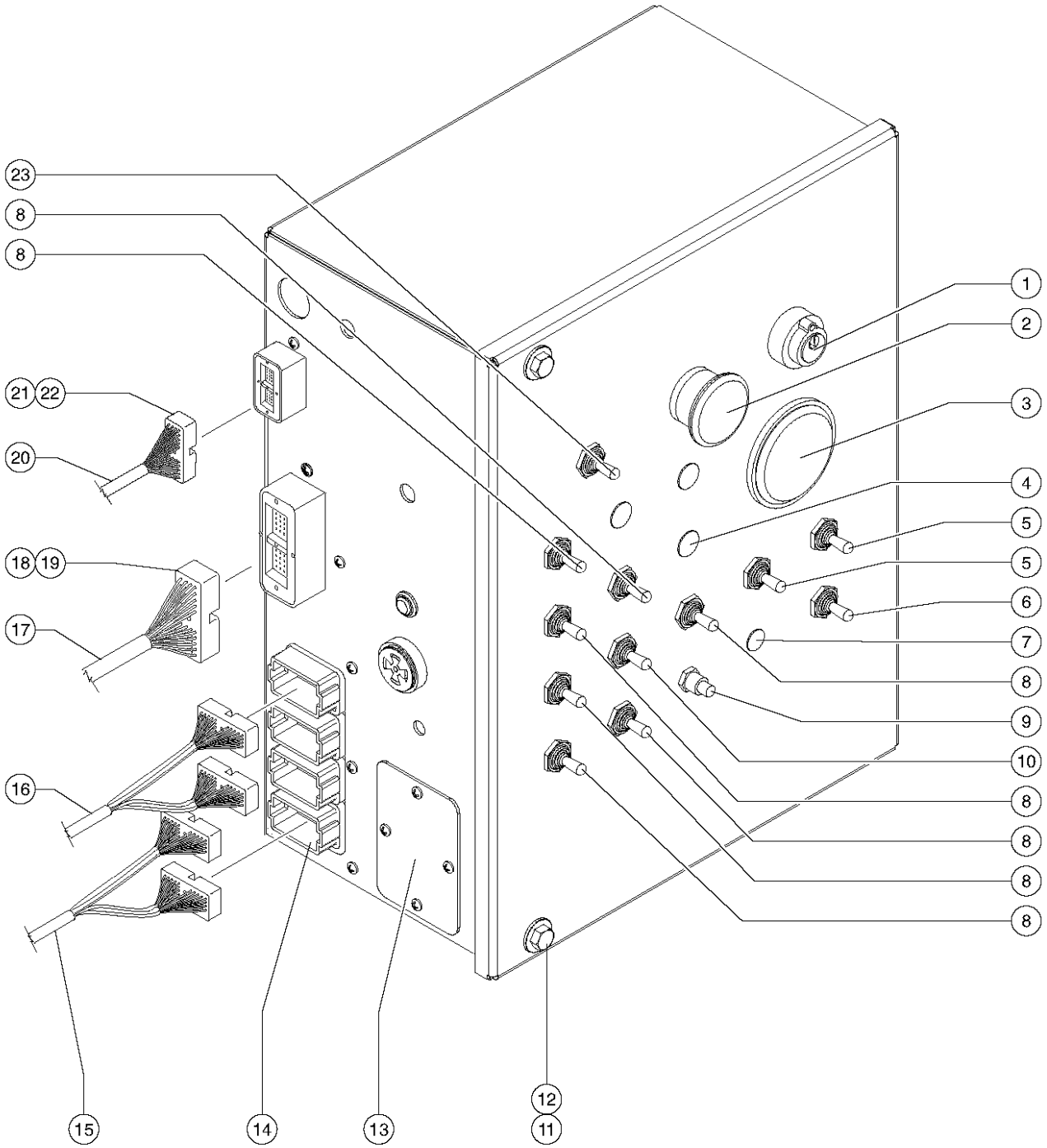
407.1 Ground Control Box - View 1 (from SN 22051), Z-45/25



407.1 Ground Control Box - View 1 (from SN 22051), Z-45/25

Item	Part No.	Description	Qty.
1	96008-SGT	KEYSWITCH,3 POS. W/KEYS***	
1-	94506GT	BASE,W/3 NC CONTACTS	
1-	88827GT	GASKET,KEYSWITCH,PLASTIC***	
1-	83093GT	KEY SINGLE***	
1-	21982GT	KEY,SINGLE***	
1-	37947GT	KEYS,10 PACK***	
2	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	
2-	73805GT	BASE,W/2 NC CONTACTS*** includes 2 each N.C. contacts	
2-	66818GT	CONTACT,NC	
3	19506GT	HOUR METER, 10-80 VOLTS*** includes mounting bracket	
4	45384GT	PLUG,NYLON .50 BLACK DOMED	
5A	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Bi-Energy models	
5A-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
5A-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
5A-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
5B	45384GT	PLUG,NYLON .50 BLACK DOMED DC models	2
6	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	
6-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
6-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
6-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
7	21858GT	PLUG,NYLON .38 BLACK DOMED	
8	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	
8-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
8-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
8-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
9	147094GT	ASSY, CIRCUIT BREAKER 15A	
9-	77061GT	BOOT,CIRCUIT BREAKER PROTECTOR	
9-	56234GT	O-RING,ORFS,-6	

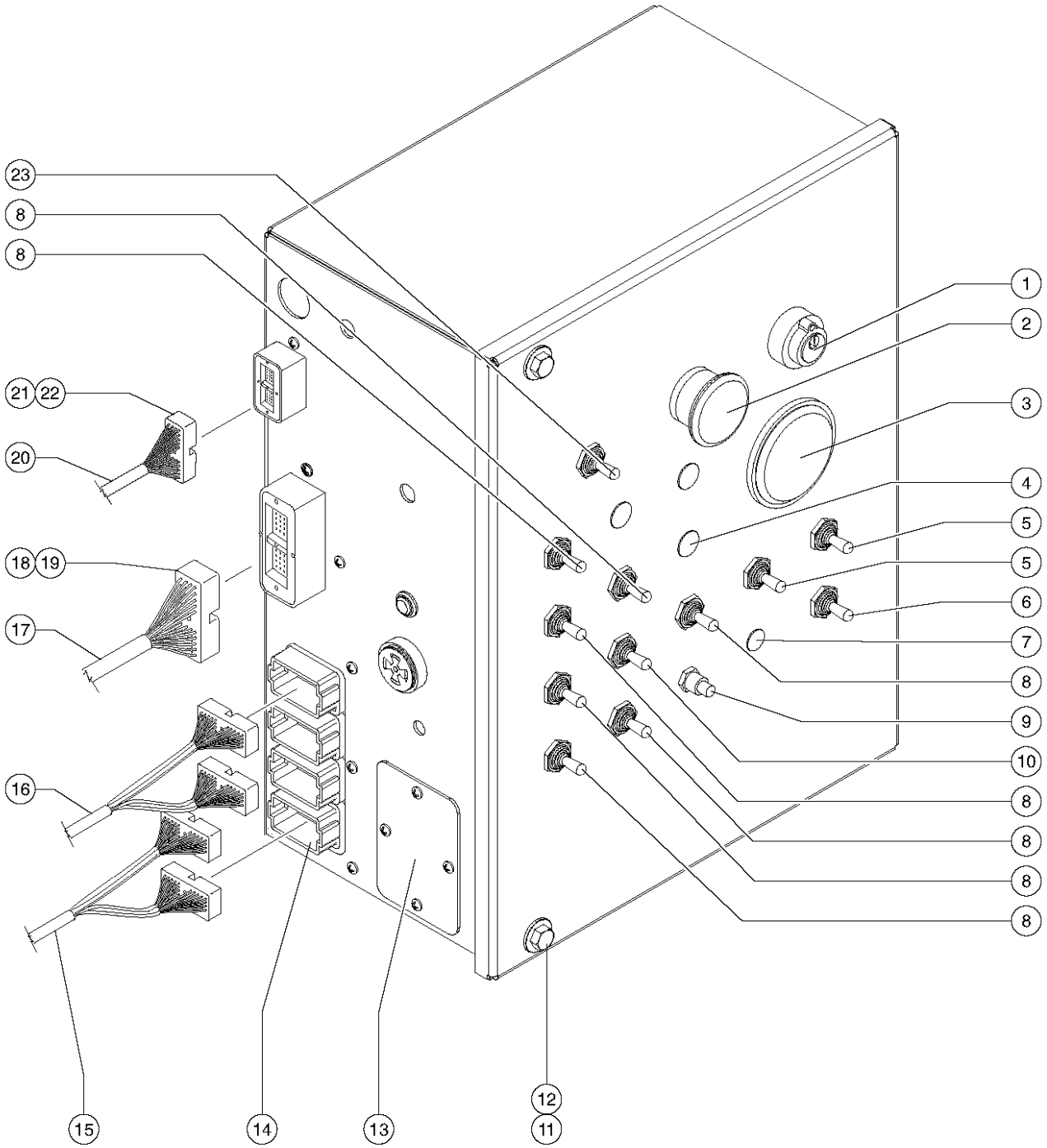
407.1 Ground Control Box - View 1 (from SN 22051), Z-45/25



407.1 Ground Control Box - View 1 (from SN 22051), Z-45/25

Item	Part No.	Description	Qty.
10A	45384GT	PLUG,NYLON .50 BLACK DOMED Z-45/25	
11	6090GT	SCREW, HHC, 1/4-20 X .75	
12	6638GT	WASHER, FLAT, USS, 1/4"Y	
13A	88691GT	COVER PLATE,CONNECTOR DC models shown	
13B	88718GT	HARNESS,ENGINE,Z45BI Bi-Energy models	
13B-	73749GT	CONN,PLUG 24 WAY,DRC SERIES	
13B-	73753GT	CONN,RECEP 24 WAY,W/FLANGE	
14	73736GT	CONN,RECEP 48 WAY,4 X 12	
15A	88722-72000GT	HARNESS,18/19,BOOM CABLE #2 Z-45/25 non-jib (gray and black connectors)	
15A-	73746GT	CONN,PLUG 12 WAY,BLACK	
15A-	60434GT	CONN,PLUG 12 WAY,14-18GA,GRAY	
15A-	60435GT	LOCK, PLUG 12WAY, 14-18GA, GRN	
15A-	61801GT	SEAL DT SERIES-12W	
16A	88721-72000GT	HARNESS,18/19 BOOM CABLE #1 Z-45/25 non-jib (green and brown connectors)	
16A-	73748GT	CONN,PLUG 12 WAY,BROWN	
16A-	73747GT	CONN,PLUG 12 WAY,GREEN	
16A-	60435GT	LOCK, PLUG 12WAY, 14-18GA, GRN	
16A-	61801GT	SEAL DT SERIES-12W	
17	88719GT	HARNESS,FUNCTION,Z45 DC/BI	
18	73751GT	CONN,PLUG 40 WAY,DRC SERIES	
19	73754GT	CONN,RECEP 40 WAY,W/FLANGE	
20A	88723-71000GT	HARNESS,12/3,12V TO PLAT (Z45/25)	
21	60527GT	CONN, PLUG, 4 WAY, DEUTSCH, DTP	
21-	60528GT	LOCK,PLUG 4 WAY,12-14GA***	
22	73754GT	CONN,RECEP 40 WAY,W/FLANGE	
22-	60526GT	LOCK,RECEP 4 WAY,12-14GA	
23	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM	
23-	128581-SGT	SWITCH TOGGLE DPDT 2P MOM SHDR	

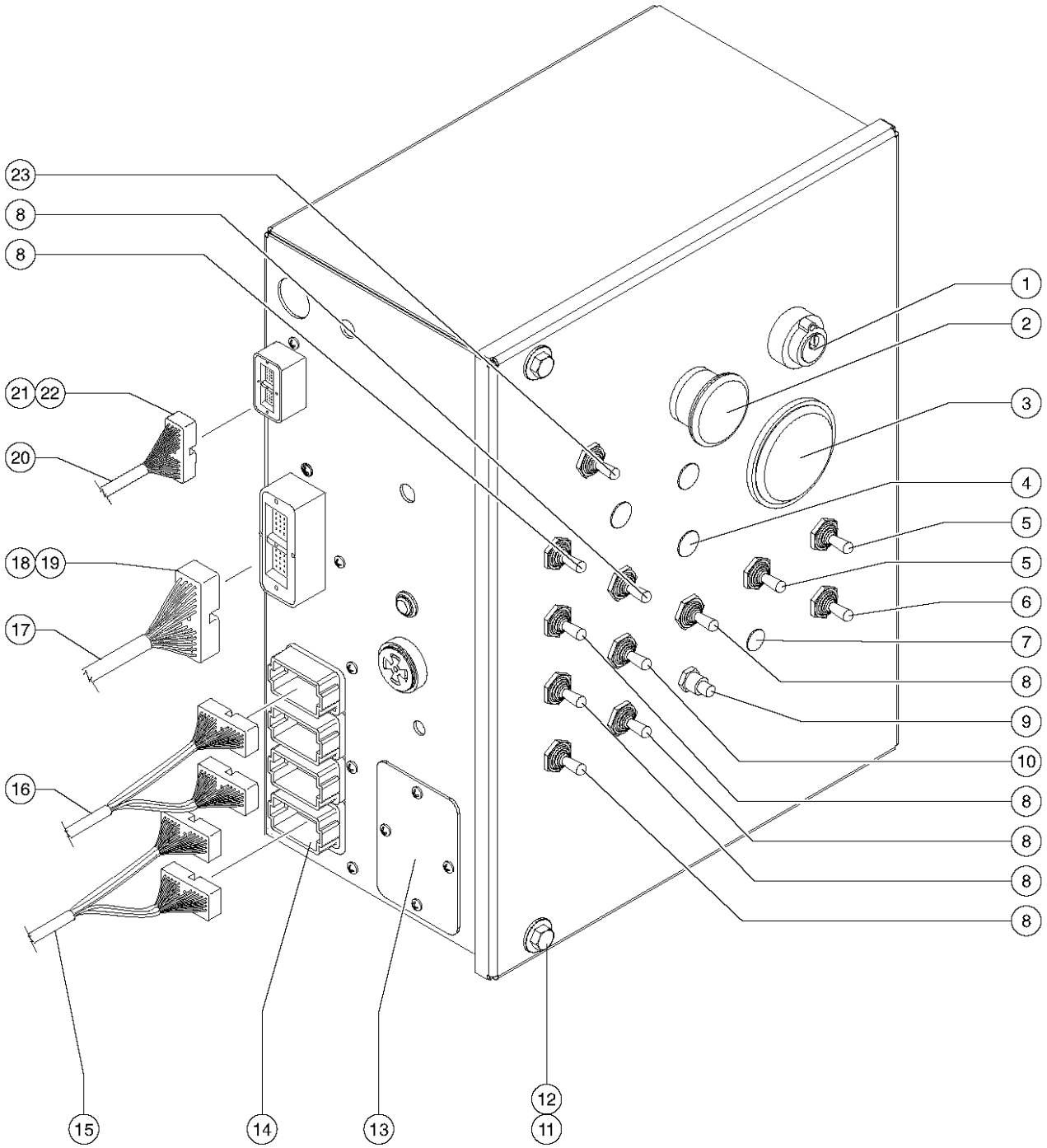
407.1 Ground Control Box - View 1 (from SN 22051), Z-45/25



407.1 Ground Control Box - View 1 (from SN 22051), Z-45/25

Item	Part No.	Description	Qty.
23-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
23-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	

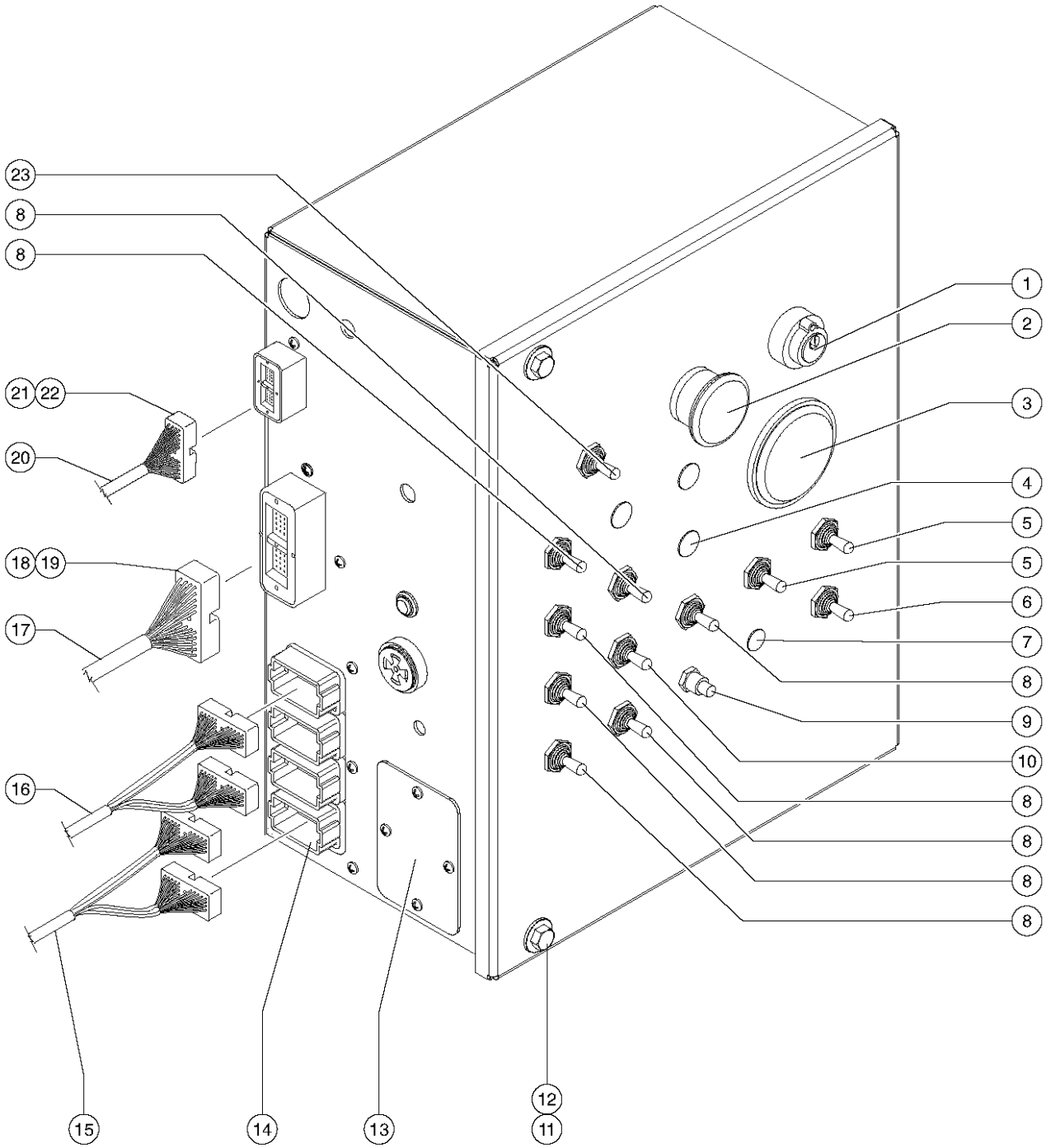
407.2 Ground Control Box - View 1 (from SN 22051), Z-45/25J



407.2 Ground Control Box - View 1 (from SN 22051), Z-45/25J

Item	Part No.	Description	Qty.
1	96008-SGT	KEYSWITCH,3 POS. W/KEYS***	
1-	94506GT	BASE,W/3 NC CONTACTS	
1-	88827GT	GASKET,KEYSWITCH,PLASTIC***	
1-	83093GT	KEY SINGLE***	
1-	21982GT	KEY,SINGLE***	
1-	37947GT	KEYS,10 PACK***	
2	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	
2-	73805GT	BASE,W/2 NC CONTACTS*** includes 2 each N.C. contacts	
2-	66818GT	CONTACT,NC	
3	19506GT	HOUR METER, 10-80 VOLTS*** includes mounting brackets	
4	45384GT	PLUG,NYLON .50 BLACK DOMED	
5A	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Bi-Energy models	
5A-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
5A-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
5A-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
5B	45384GT	PLUG,NYLON .50 BLACK DOMED DC models	
6	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	
6-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
6-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
6-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
7	21858GT	PLUG,NYLON .38 BLACK DOMED	
8	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	
8-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
8-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
8-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
9	147094GT	ASSY, CIRCUIT BREAKER 15A includes mounting fasteners	
9-	77061GT	BOOT,CIRCUIT BREAKER PROTECTOR	
9-	56234GT	O-RING,ORFS,-6	

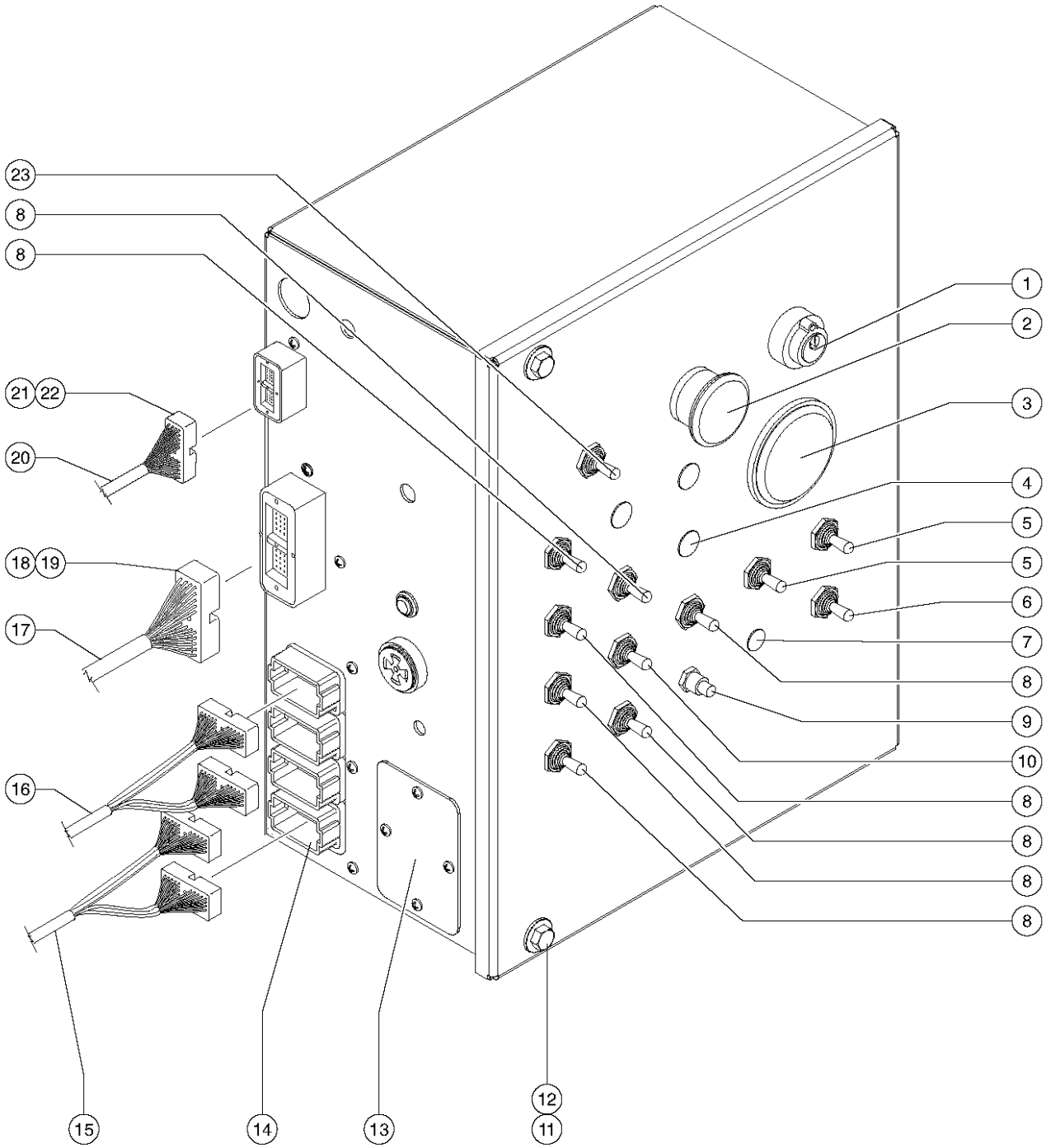
407.2 Ground Control Box - View 1 (from SN 22051), Z-45/25J



407.2 Ground Control Box - View 1 (from SN 22051), Z-45/25J

Item	Part No.	Description	Qty.
10B	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Z-45/25J	
10B-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
10B-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
10-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
11	6090GT	SCREW, HHC, 1/4-20 X .75	
12	6638GT	WASHER, FLAT, USS, 1/4"Y	
13	88691GT	COVER PLATE,CONNECTOR DC models shown	
13-	88718GT	HARNESS,ENGINE,Z45BI Bi-Energy models	
13-	73749GT	CONN,PLUG 24 WAY,DRC SERIES	
13-	73753GT	CONN,RECEP 24 WAY,W/FLANGE	
14	73736GT	CONN,RECEP 48 WAY,4 X 12	
15B	88722-70700GT	HARNESS,18/19,BOOM CABLE #2 Z-45/25 (gray and black connectors)	
15B-	73746GT	CONN,PLUG 12 WAY,BLACK	
15B-	60434GT	CONN,PLUG 12 WAY,14-18GA,GRAY	
15B-	60435GT	LOCK, PLUG 12WAY, 14-18GA, GRN	
15-	61801GT	SEAL DT SERIES-12W	
16B	88721-70700GT	HARNESS,18/19 BOOM CABLE #1 Z-45/25J (green and brown connectors)	
16B-	73748GT	CONN,PLUG 12 WAY,BROWN	
16B-	73747GT	CONN,PLUG 12 WAY,GREEN	
16B-	60435GT	LOCK, PLUG 12WAY, 14-18GA, GRN	
16B-	61801GT	SEAL DT SERIES-12W	
17	88719GT	HARNESS,FUNCTION,Z45 DC/BI	
18	73751GT	CONN,PLUG 40 WAY,DRC SERIES	
19	73754GT	CONN,RECEP 40 WAY,W/FLANGE	
20B	88723-69700GT	HARNESS,12/3,12V TO PLAT (Z45/25J)	
21	60527GT	CONN, PLUG, 4 WAY, DEUTSCH, DTP	
21-	60528GT	LOCK,PLUG 4 WAY,12-14GA***	
22	73754GT	CONN,RECEP 40 WAY,W/FLANGE	

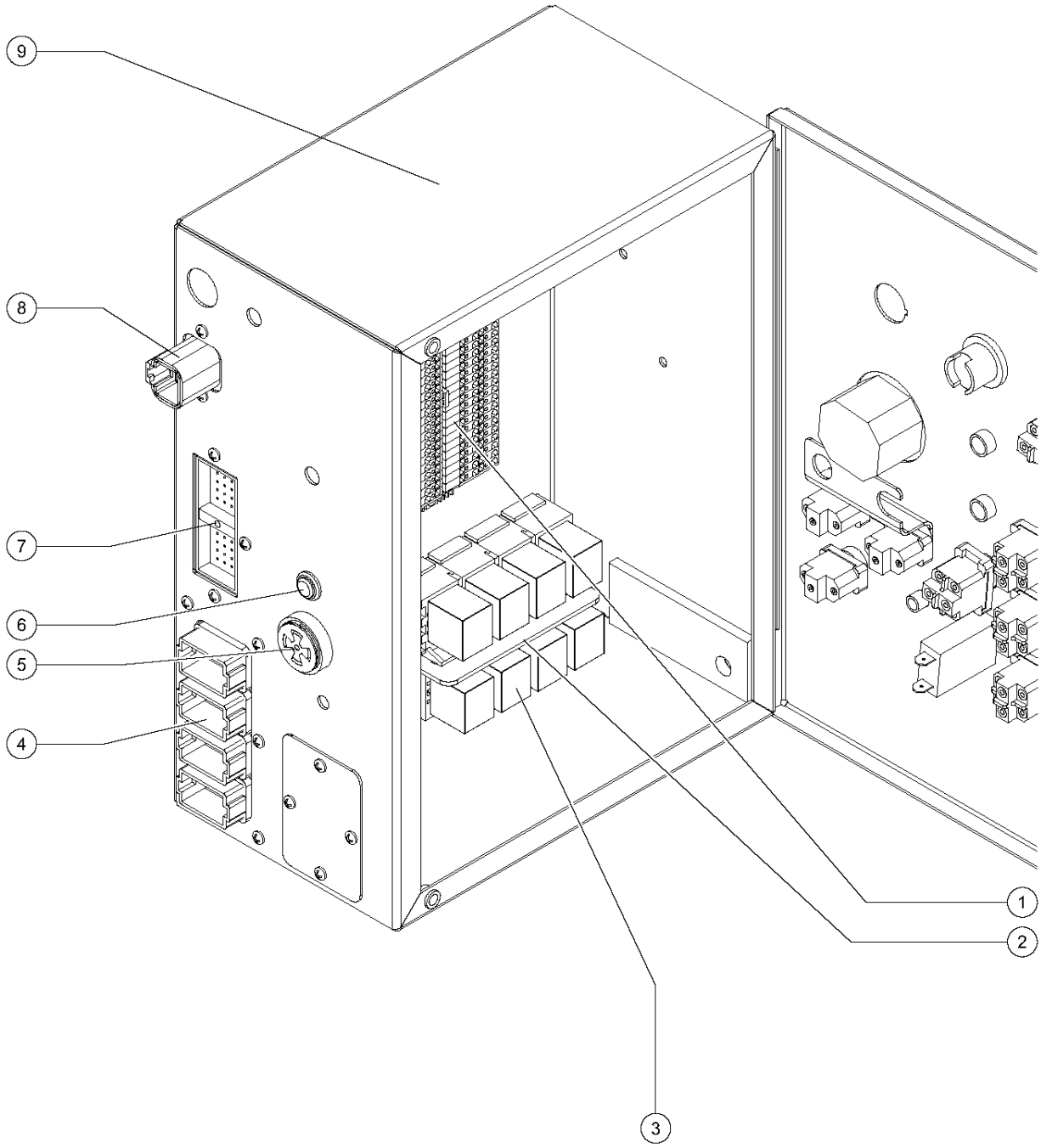
407.2 Ground Control Box - View 1 (from SN 22051), Z-45/25J



407.2 Ground Control Box - View 1 (from SN 22051), Z-45/25J

Item	*Part No.*	*Description*	*Qty.*
22-	60526GT	LOCK,RECEP 4 WAY,12-14GA	
23	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM	
23-	128581-SGT	SWITCH TOGGLE DPDT 2P MOM SHDR	
23-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
23-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	

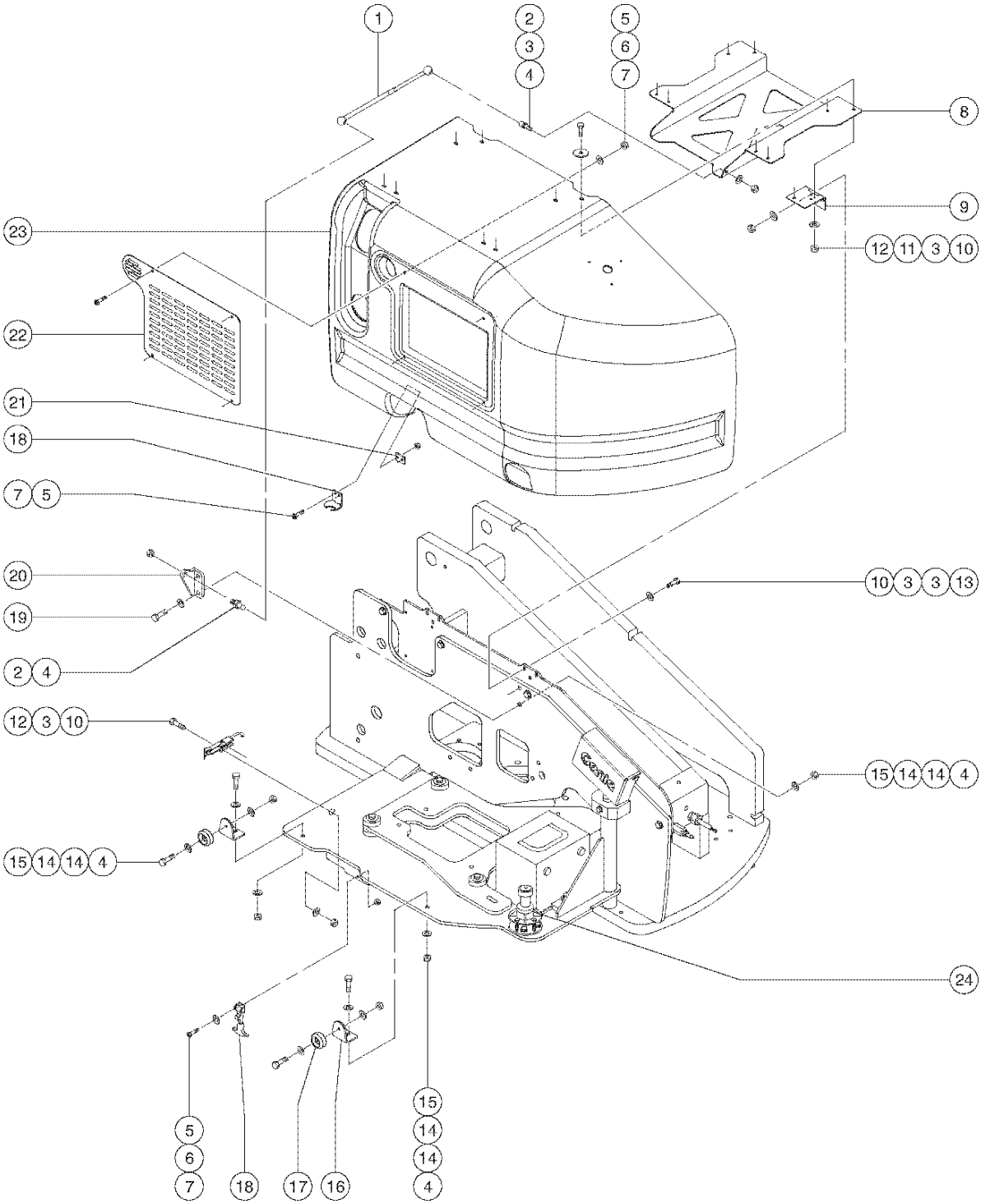
408.1 Ground Control Box - View 2 (from SN 22051)



408.1 Ground Control Box - View 2 (from SN 22051)

Item	Part No.	Description	Qty.
1A		ASSY,TERMINAL RAIL,Z45DC/BE 94639 no longer available	1
1A-	56994GT	DIN RAIL,11.25" for 94639	
1A-	74911GT	TERMINAL BLOCK, WIELAND*** for 94639	
1A-	216793GT	TERMINAL BLOCK END PLATE for 94639	
1B	217046GT	KIT, TERMINAL BLOCK replaces 94639	1
1B-	74917GT	JUMPER COMB, 2-WAY,WIELAND for 2216791	
1B-	216791GT	TERMINAL BLOCK,WIELAND for 2216791	28
2	54534GT	ANGLE,RELAY MNT,W/NUTSERTS,PNT includes nutserts	
2-	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD	
3	56302GT	RELAY,24VDC,40/30A,SEALED***	
3-	34053GT	ASSY,RELAY SOCKET, AUTO	
4	73736GT	CONN,RECEP 48 WAY,4 X 12	
4-	54255GT	LOCK, RECEP 12WAY, 14-18GA	
5	45462GT	ALARM,CHIME TONE 5-25VDC*** (does not include 72326 nut)	
5-	72326GT	NUT - PLASTIC, RING FOR ALARMS	
6	824878GT	LIGHT,LED IND. RED 24V NH original component no longer available	1
7	73754GT	CONN,RECEP 40 WAY,W/FLANGE	
8	73717GT	CONN, RECEP, 4 WAY, DEUTSCH, DTP, FLANGE	
8-	60526GT	LOCK,RECEP 4 WAY,12-14GA	
9	101844GT	GROUND CONTROL BOX ASSY W/DEC*	
9-	88637GT	GASKET,GROUND CONTROL BOX***	

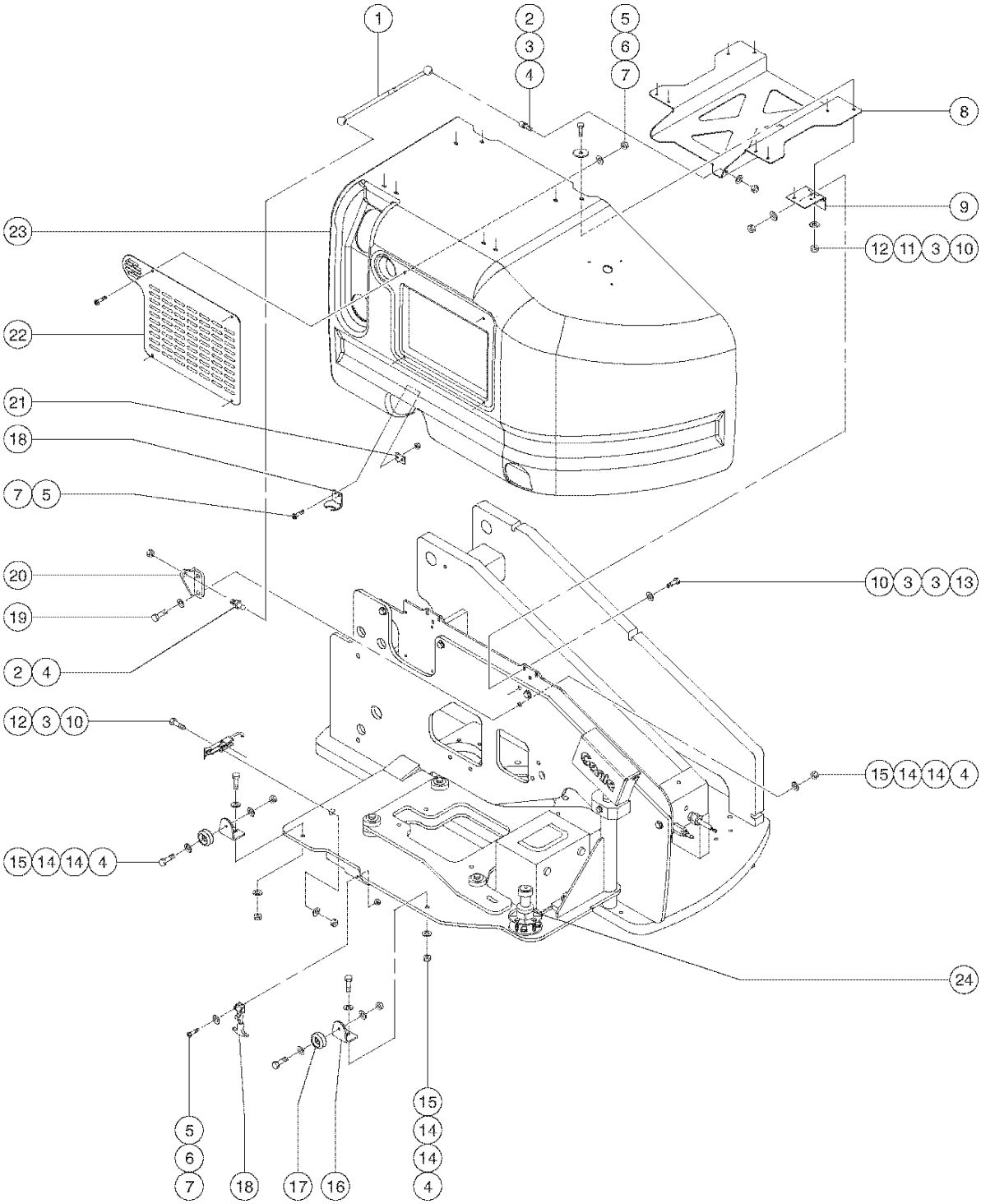
409.1 Engine (Non-Ground Controls) Side Turntable Cover



409.1 Engine (Non-Ground Controls) Side Turntable Cover

Item	Part No.	Description	Qty.
1A	28301GT	GAS STRUT,250 LBS FORCE*** to SN 24864	2
1A-	27377GT	RETAINER,GAS SPRING***	2
1A-	72256GT	GAS STRUT,CONNECTOR (28301)	
1B	106069GT	STRUT,GAS,200 LB*** from SN 24865	2
1B-	33555GT	BALL STUD**	2
2	27114GT	BALL STUD,1/2" BALL,3/8-16X1.2	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	4828GT	NUT, NYLOCK, 3/8-16	
5	6178GT	NUT, NYLOCK, 10-32	
6	6146GT	WASHER,FLAT,MS,#10,Y	
7	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	
8	50990-SGT	FORMING,ENG.COVER SUPPORT,PNTD	
9	75073GT	HINGE,.375X.120THK.,SLOTTED	
10	6091GT	NUT,NYLOCK,1/4-20	
11	12906GT	WASHER,FENDER,.25 X 1.25 X.062	
12	8915GT	SCREW, HHC, 1/4-20 X 1.25	
13	6888GT	SCREW, HHC, 1/4-20 X 1	
14	5397GT	WASHER, FLAT, USS, 5/16-18	
15	8516GT	SCREW, HCC, 3/8-16 X 1.50	
16	54363GT	BRACKET,RUBBER BUMPER,ENGCOVER	
17	50974GT	BUMPER,RUBBER,COVERS	
18	45363GT	LATCH,FLEXIBLE	
18	75076GT	KEEPER,LATCH (45363)	
19	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	1
20	60002-SGT	FORMING,GAS STRUT MOUNT,PAINTE to SN 24864	
20-	107594GT	FORMING,GAS STRUT MOUNT,PNTD** from SN 24865	
21	50790GT	PLATE,COVER LATCH BACKING	
22	60126-SGT	COVER PLATE,AIR INTAKE,GRAY	

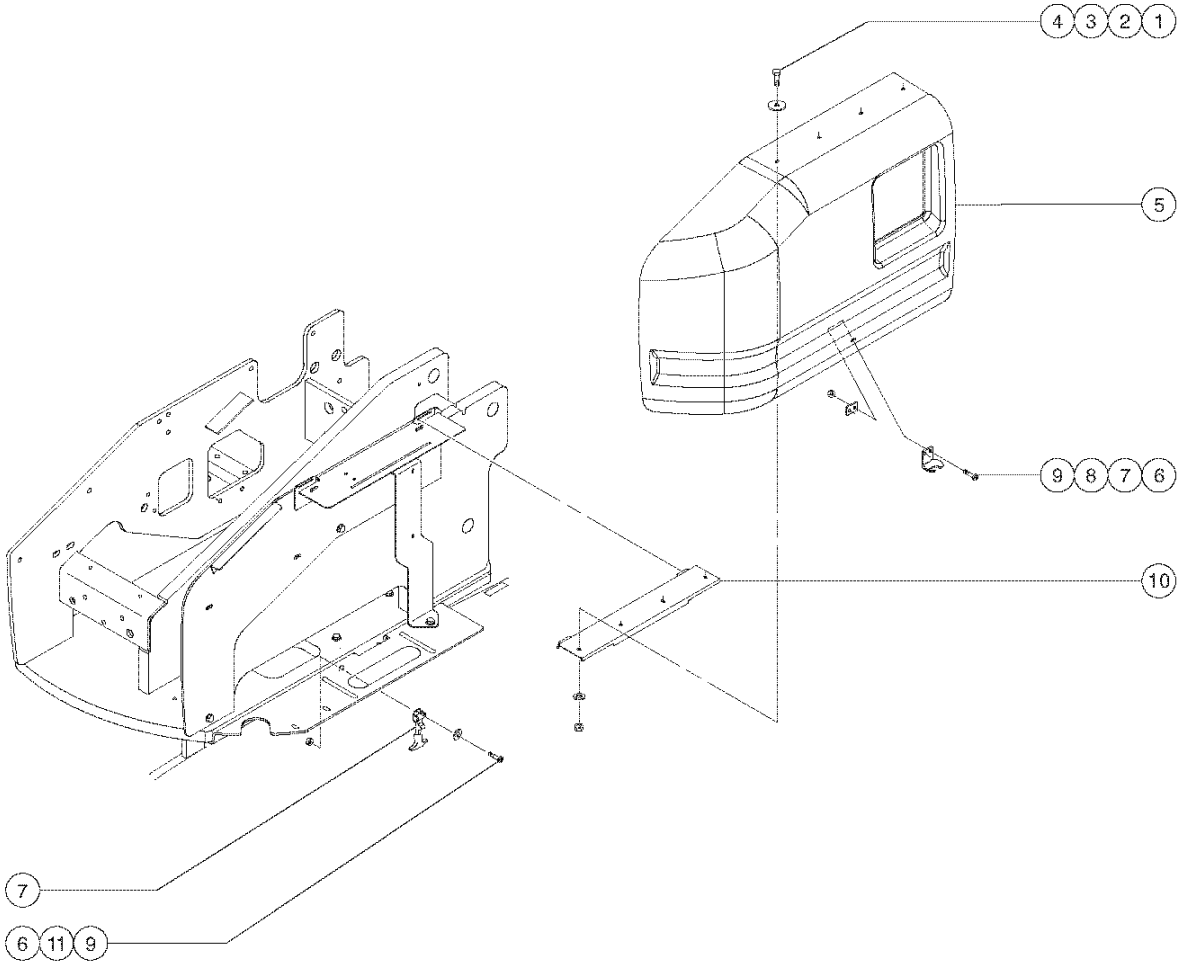
409.1 Engine (Non-Ground Controls) Side Turntable Cover



409.1 Engine (Non-Ground Controls) Side Turntable Cover

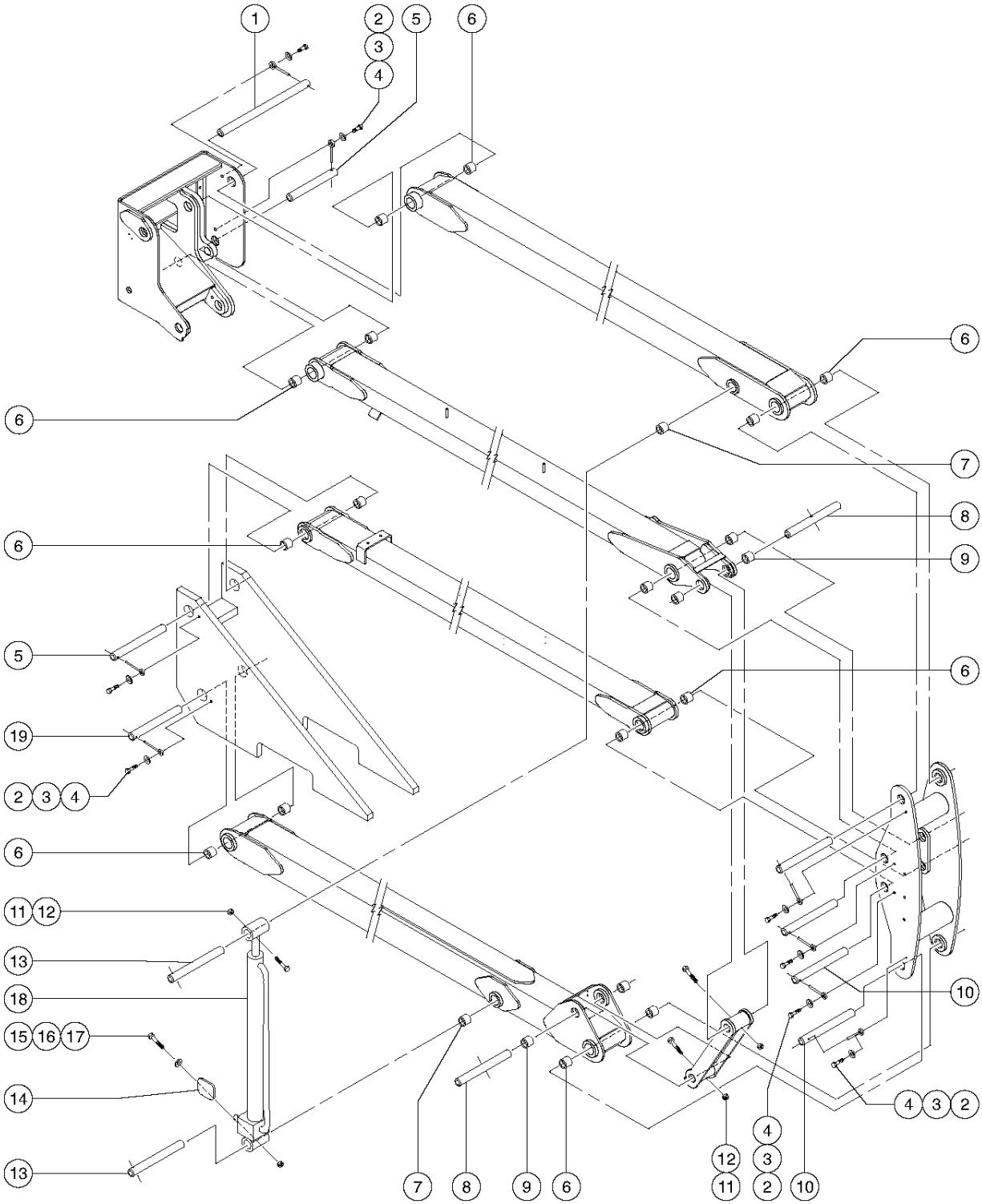
Item	*Part No.*	*Description*	*Qty.*
23A	62107-SGT	COVER ASSY-ENG.SIDE(BI)Z45/25 ..... to SN 22049	
23A-	10186GT	FLATBAR-HOOK SUPT(GRAY)-12.188 ..... from SN 22050	
23A-	101863GT	COVER ASSY W/SYM DECLS,LH DC ..... from SN 22050	
23B	62108-SGT	COVER ASSY-NONTANKSIDE(DC)Z45 ..... to SN 22049	
23B-	101861GT	COVER ASSY W/WRD DECALS,LH DC ..... from SN 22050	
23B-	101864GT	COVER ASSY W/SYM DECALS,LH ..... from SN 22050	
24	94077GT	SENSOR,LEVEL,4.5 DEG	1

410.1 Ground Controls Side Turntable Cover



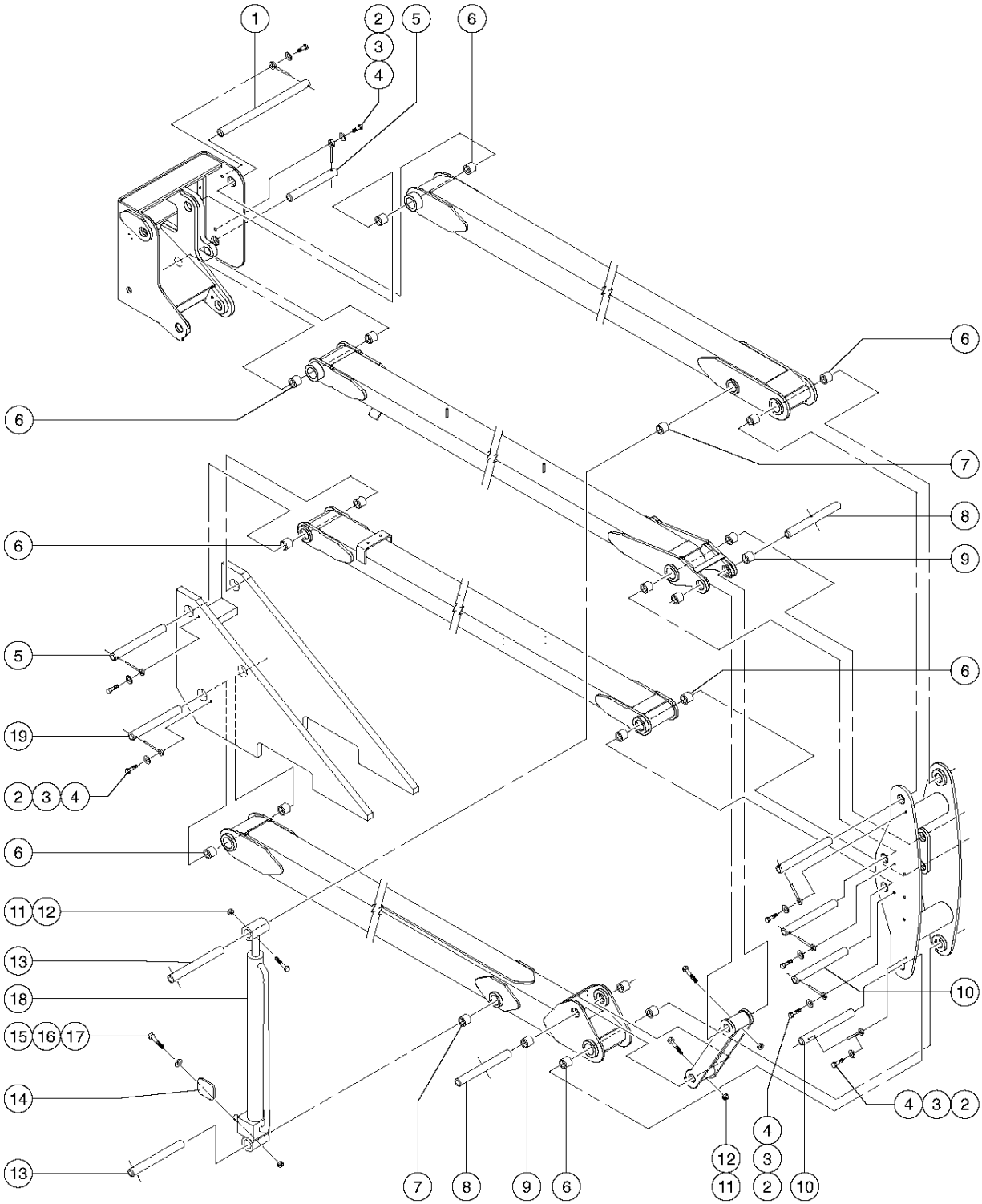
Item	*Part No.*	*Description*	*Qty.*
1	6090GT	SCREW, HHC, 1/4-20 X .75	
2	12906GT	WASHER,FENDER,.25 X 1.25 X.062	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	6091GT	NUT,NYLOCK,1/4-20	
5	62109-SGT	COVER ASSY/TANKSIDE(Z45DC/BI) to SN 22049	
5-	101858GT	COVER ASSY W/WRD DECALS,RH BI from SN 22050	
5-	101859GT	COVER ASSY W/WRD DECALS,RH DC from SN 22050	
5-	101862GT	COVER ASSY W/SYM DECLS,RH BIDC from SN 22050	
6	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	
7	45363GT	LATCH,FLEXIBLE	
7	75076GT	KEEPER,LATCH (45363)	
8	50790GT	PLATE,COVER LATCH BACKING	
9	6178GT	NUT, NYLOCK, 10-32	
10	54445-SGT	PLATE,HINGE COVER SUPPORT,PAIN to SN 18466	
10-	77524GT	TUBE,PROP ROD,18.63",W/CAP	
11	6146GT	WASHER,FLAT,MS,#10,Y	

501.1 Secondary Linkage Pins and Bearings, Z-45/25



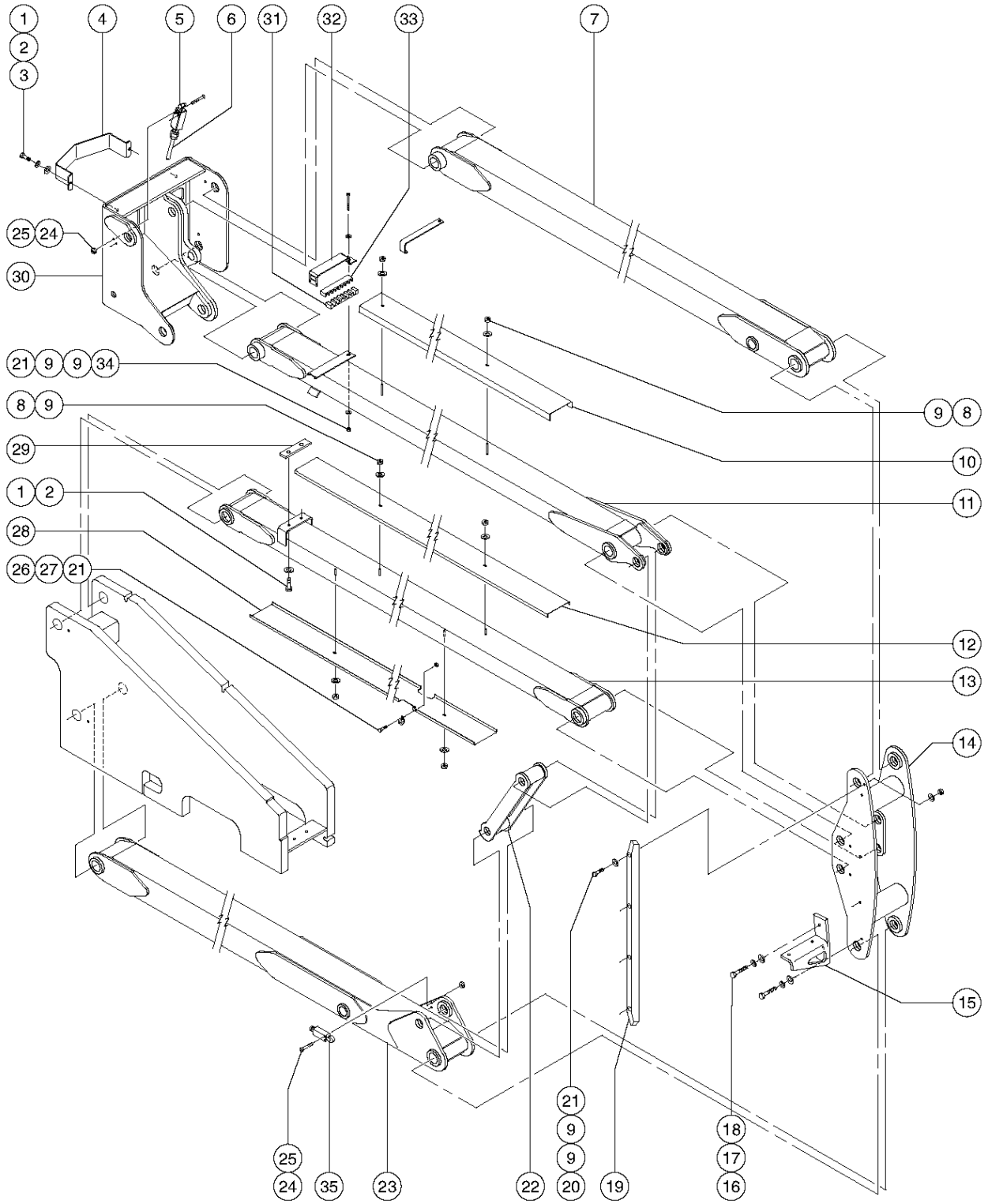
Item	Part No.	Description	Qty.
1	54331GT	PIN,1.75DIAX23.57LG,CHAMFER***	
2	8177GT	SCREW,HHC,1/2-13 X 1.5	
3	6033GT	WASHER,LOCK,0.5"	
4	1256267GT	ROD END,.5 X 3.75,ZAG	
5	54738GT	PIN,1.75DIAX12.25LG,CHAMFER	
6	30221GT	BEARING,1.75IDX2.O0ODX1.50LG	
7	45071GT	BEARING,1.5IDX1.75ODX1.5L	
8	107727GT	PIN,1.50DIAX7.50LG,1HOLE***	
9	54156GT	BEARING,FL,1.5IDX1.75ODX1.10LG	
10	54302GT	PIN,1.75DIAX11.63LG,CHAMFER	
11	4828GT	NUT, NYLOCK, 3/8-16	
12	6326GT	SCREW,HHC,3/8-16 X 3	
13	50455GT	PIN,1.50DIAX13.88LG,2HOLE	
14	54726GT	WEAR PAD,SECONDARY CYL,NON/JIB	
15	6605GT	SCREW,HHC,3/8-16 X 3.5,GR5	
16	5397GT	WASHER, FLAT, USS, 5/16-18	
17	7713GT	NUT, LP NYLOCK, 3/8-16	
18	88203GT	CYLINDER,ELEVATE,Z45/25***	
18-	77521GT	SEAL KIT,ELEVATE (88203) for cylinder 88203; check stamp on cylinder prior to ordering	
18-	59444GT	SEAL KIT, Z45 ELEV%% for cylinder 59410, 59166 and 59254; check stamp on cylinder prior to ordering	
18-	52758GT	SEAL KIT,50302 CYLINDER for cylinder 50302; check stamp on cylinder prior to ordering	
18-	77303GT	VALVE, CNTRBAL 3500 PSI, ATM VEN for cylinder 88203; check stamp on cylinder prior to ordering	
18-	50481GT	VALVE,COUNTERBALANCE,3500 PSI for cylinders 59410, 59166 and 50302; chcek stamp on cylinder prior to ordering	
19	50460GT	PIN,1.75DIAX12.13LG,CHAMFER	

501.2 Secondary Linkage Pins and Bearings, Z-45/25J



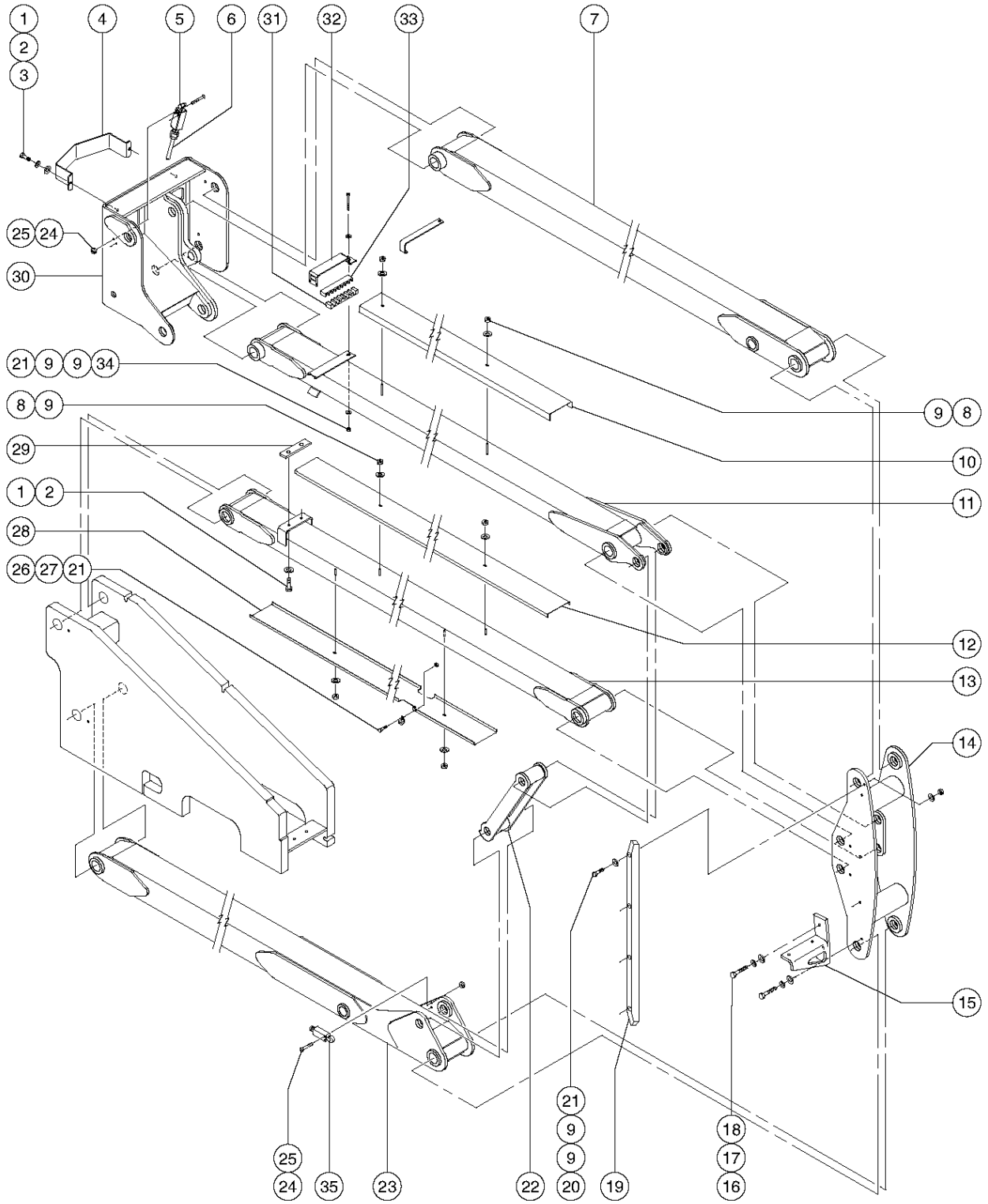
Item	Part No.	Description	Qty.
1	54331GT	PIN,1.75DIAX23.57LG,CHAMFER***	
2	8177GT	SCREW,HHC,1/2-13 X 1.5	
3	6033GT	WASHER,LOCK,0.5"	
4	1256267GT	ROD END,.5 X 3.75,ZAG	
5	54738GT	PIN,1.75DIAX12.25LG,CHAMFER	
6	30221GT	BEARING,1.75IDX2.O0ODX1.50LG	
7	45071GT	BEARING,1.5IDX1.75ODX1.5L	
8	107727GT	PIN,1.50DIAX7.50LG,1HOLE***	
9	54156GT	BEARING,FL,1.5IDX1.75ODX1.10LG	
10	54302GT	PIN,1.75DIAX11.63LG,CHAMFER	
11	4828GT	NUT, NYLOCK, 3/8-16	
12	6326GT	SCREW,HHC,3/8-16 X 3	
13	50455GT	PIN,1.50DIAX13.88LG,2HOLE	
18	88203GT	CYLINDER,ELEVATE,Z45/25*** for cylinder 88203; check stamp on cylinder prior to ordering	
18-	77521GT	SEAL KIT,ELEVATE (88203) for cylinder 88203; check stamp on cylinder prior to ordering	
18-	77303GT	VALVE, CNTRBAL 3500 PSI, ATM VEN for cylinder 88203; check stamp on cylinder prior to ordering	
18-	128142GT	SERV KIT,CAP,SERIES 1CB VALVE	
18-	59444GT	SEAL KIT, Z45 ELEV%% for cylinder 59410, 59166 and 59254; check stamp on cylinder prior to ordering	
18-	52758GT	SEAL KIT,50302 CYLINDER for cylinder 50302; check stamp on cylinder prior to ordering	
18-	50481GT	VALVE,COUNTERBALANCE,3500 PSI for cylinders 59410, 59166 and 50302; chcek stamp on cylinder prior to ordering	
18-	43018GT	SEAL KIT (39345) for 50481	
19	50460GT	PIN,1.75DIAX12.13LG,CHAMFER	

502.1 Secondary Linkage, Z-45/25



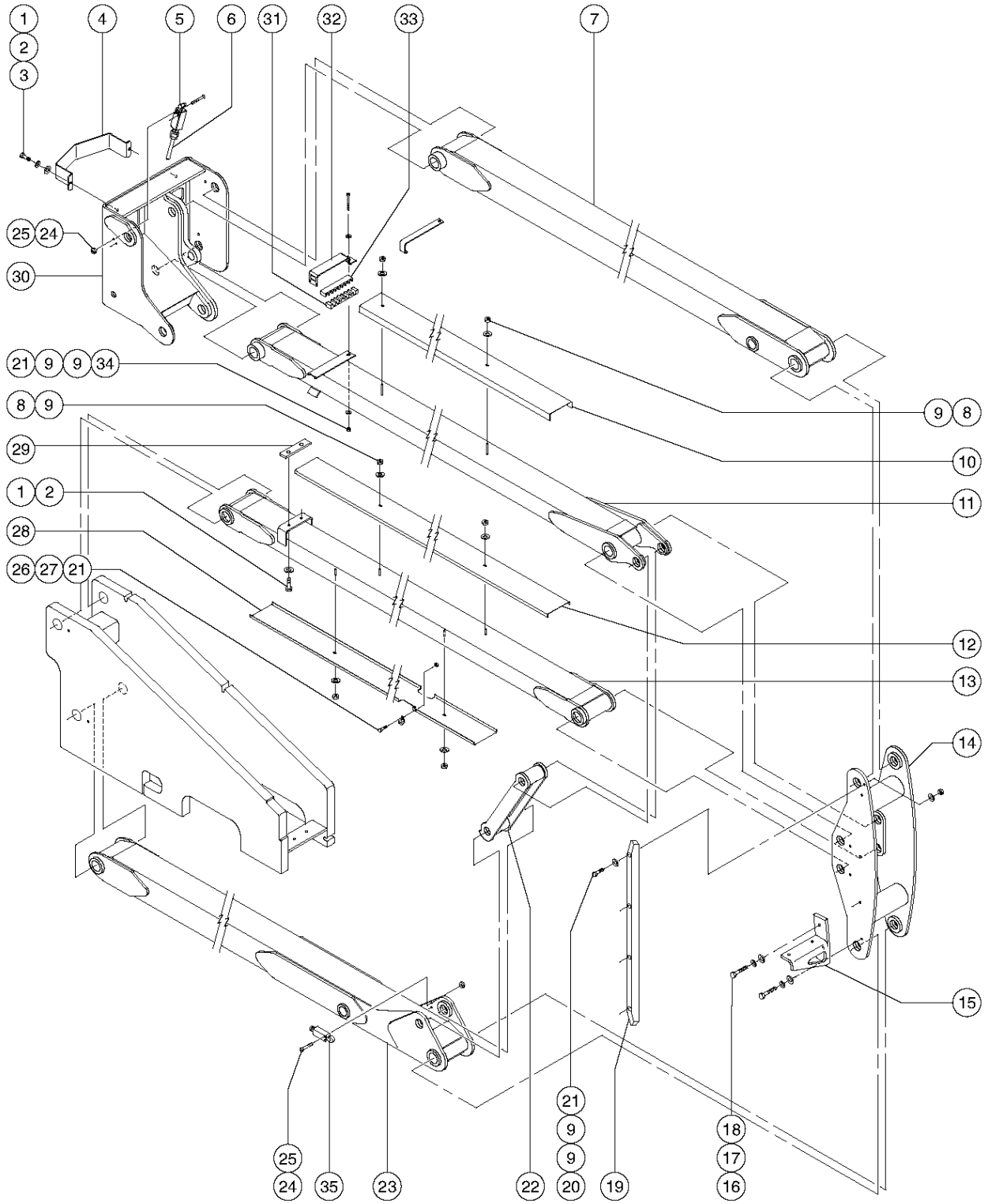
Item	Part No.	Description	Qty.
1	6175GT	SCREW,HHC,3/8-16 X 1	
2	6021GT	WASHER, LOCK, .375	
3	6097GT	WASHER, FLAT, USS, 3/8", Y	
4	60074PGT	COVER BRACE,UPPER PIVOT,REAR,P	
5	88356-11163GT	SWITCH,LIMIT,W/RLLR ARM,NO/NC*	
5-	97128GT	ROLLER ARM,LIMIT SWITCH***	
5-	60442GT	CONN,RECEP 4 WAY, 14-18GA	
5-	60443GT	LOCK, RECEP 4WAY, 14-18GA	
5-	73713GT	TERMINAL, PIN, DT, 14-18 AWG, NICKEL, 0.095-0.150 OD, DEUTSCH, STRIP	
5-	73725GT	BOOT,DTSCH,DTP4-BT	
6	43960GT	WIRE CABLE,16/4 CON.TPE JKT	396
7	52729GT	UPPER SECONDARY ARM ASSY-Z45	
8	6889GT	NUT,LP NYLOCK,1/4-20 (to SN 15073)	
8-	7713GT	NUT, LP NYLOCK, 3/8-16 (from SN 15074)	
9	6638GT	WASHER, FLAT, USS, 1/4"Y (to SN 15073)	
9-	6097GT	WASHER, FLAT, USS, 3/8", Y (from SN 15074)	
10	88370PGT	HOSE COVER,UPPER ARM,PAINTED	
11	52740GT	UPPER LEVEL ARM ASSY,SERV	
12	50517-SGT	HOSE COVER,LOWER LEVEL,TOP,PAI	
13	52741GT	LOWER LEVEL ARM ASSY	
14	52738GT	MIDPIVOT ASSY Z45IC USA/Canada/Australian models	
14-	50266GT	WELDMENT,MID PIVOT,MACHINED CE/Asia/South American models	
16A	10587GT	SCREW,HHC,1/2-13 X.75 (Z45/25)	
19	54168GT	WEAR PAD,MID PIVOT,PERIMETER	
20	4266GT	SCREW,HHC,1/4-20 X 2	
21	6091GT	NUT,NYLOCK,1/4-20	
22	50479-SGT	CONNECTING LINK, Z45/25	
23	52742-SGT	LOWER SECONDARY ARM ASSY includes bearings	

502.1 Secondary Linkage, Z-45/25



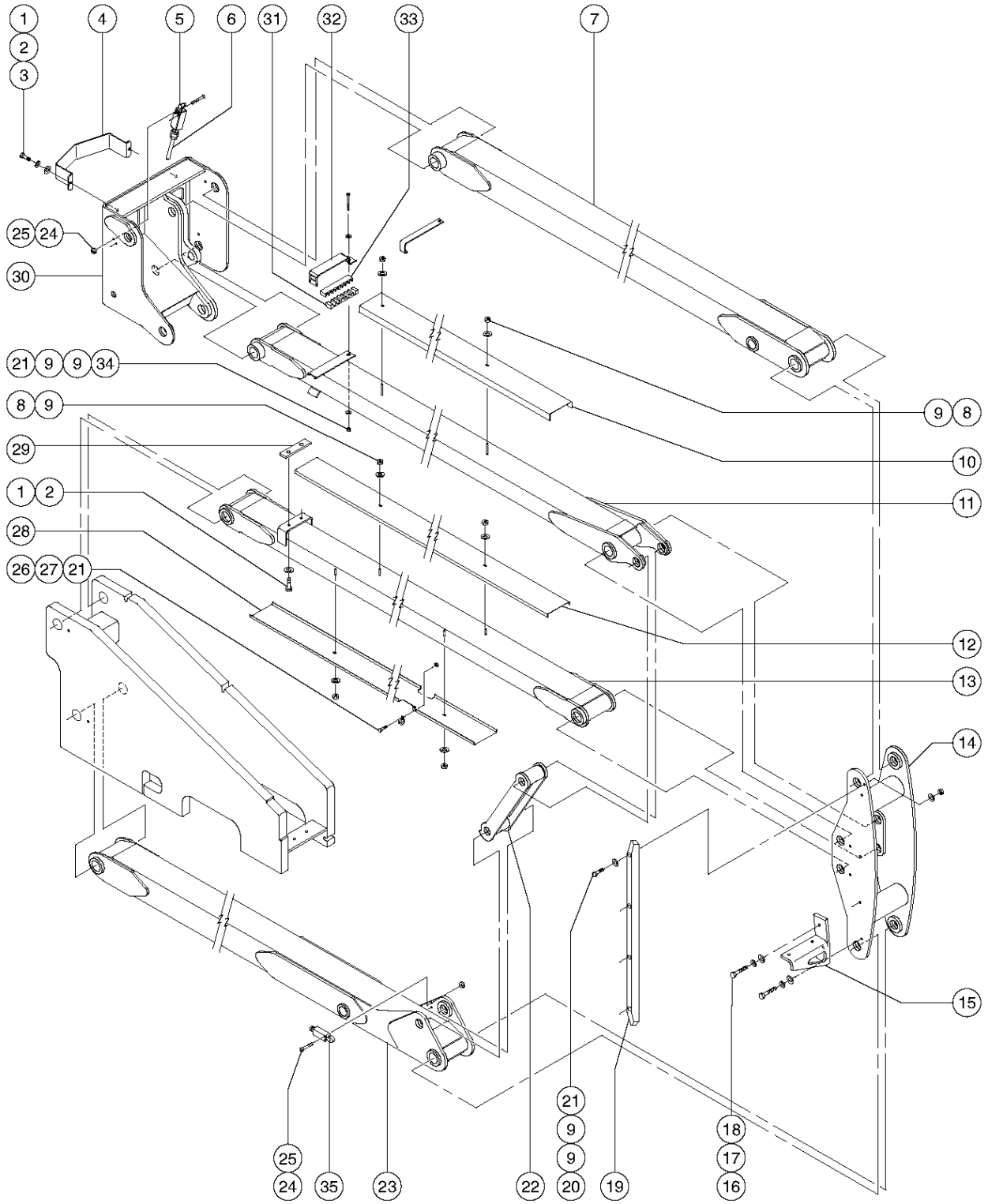
Item	Part No.	Description	Qty.
24	54239GT	SCREW,PHILLIPS,PHM,10-32 X 2.0	
25	6178GT	NUT, NYLOCK, 10-32	
26	7339GT	SCREW,HHC,1/4-20 X .5	
27	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	
28	50548PGT	HOSE COVER,LOWER LEVEL,BOT,PAI	
29	49772GT	WEAR PAD,6 X 1.5 X.50,W/INSERT	
30	52728GT	UPPER PIVOT W/BEARING-Z45/25	
31	94529GT	CLAMPING BLOCK,HOSE***	
32-	94531PGT	BRACKET,HOSE CLAMP PAINTED***	
33	94530GT	CLAMPING BLOCK,CABLE	
34	8179GT	SCREW,HHC,1/4-20 X 2.25 (to SN 22174)	
34-	6888GT	SCREW, HHC, 1/4-20 X 1 (from SN 22175)	
35	88356-11205GT	SWITCH,LIMIT,W/RLLR ARM NO/NC	
35-	97128GT	ROLLER ARM,LIMIT SWITCH***	
35-	60428GT	CONN, PLUG 4WAY, 14-18GA	
35-	60429GT	LOCK, PLUG 4WAY, 14-18GA	
35-	60442GT	CONN,RECEP 4 WAY, 14-18GA	
35-	60443GT	LOCK, RECEP 4WAY, 14-18GA	
35-	73713GT	TERMINAL, PIN, DT, 14-18 AWG, NICKEL, 0.095-0.150 OD, DEUTSCH, STRIP	
35-	73714GT	TERMINAL, SOCKET, DT, 14-18 AWG, NICKEL, 0.095-0.150 OD, DEUTSCH, STRIP	
35-	73725GT	BOOT,DTSCH,DTP4-BT	

502.2 Secondary Linkage, Z-45/25J



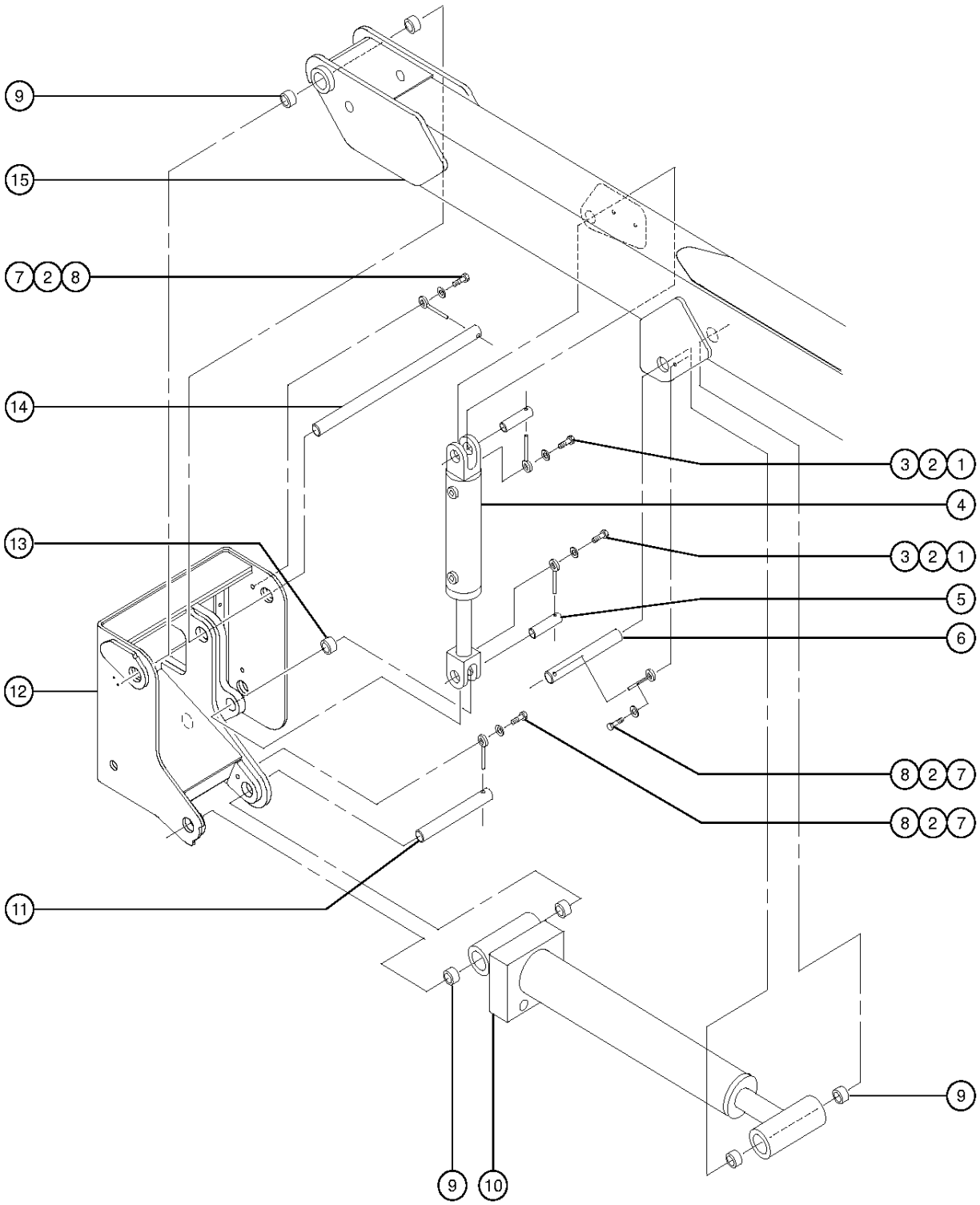
Item	Part No.	Description	Qty.
1	6175GT	SCREW,HHC,3/8-16 X 1	
2	6021GT	WASHER, LOCK, .375	
3	6097GT	WASHER, FLAT, USS, 3/8", Y	
4	60074PGT	COVER BRACE,UPPER PIVOT,REAR,P	
5	88356-11163GT	SWITCH,LIMIT,W/RLLR ARM,NO/NC*	
5-	97128GT	ROLLER ARM,LIMIT SWITCH***	
5-	60442GT	CONN,RECEP 4 WAY, 14-18GA	
5-	60443GT	LOCK, RECEP 4WAY, 14-18GA	
5-	73713GT	TERMINAL, PIN, DT, 14-18 AWG, NICKEL, 0.095-0.150 OD, DEUTSCH, STRIP	
5-	73725GT	BOOT,DTSCH,DTP4-BT	
6	43960GT	WIRE CABLE,16/4 CON.TPE JKT	396
7	52729GT	UPPER SECONDARY ARM ASSY-Z45	
8	6889GT	NUT,LP NYLOCK,1/4-20 (to SN 15073)	
8-	7713GT	NUT, LP NYLOCK, 3/8-16 (from SN 15074)	
9	6638GT	WASHER, FLAT, USS, 1/4"Y (to SN 15073)	
9-	6097GT	WASHER, FLAT, USS, 3/8", Y (from SN 15074)	
10	88370PGT	HOSE COVER,UPPER ARM,PAINTED	
11	52740GT	UPPER LEVEL ARM ASSY,SERV	
12	50517-SGT	HOSE COVER,LOWER LEVEL,TOP,PAI	
13	52741GT	LOWER LEVEL ARM ASSY	
14	52738GT	MIDPIVOT ASSY Z45IC USA/Canada/Australian models	
14-	50266GT	WELDMENT,MID PIVOT,MACHINED CE/Asia/South American models	
15	50952-SGT	BOOM REST WELDMENT	
16B	8177GT	SCREW,HHC,1/2-13 X 1.5 (Z45/25J)	
17	6033GT	WASHER,LOCK,0.5" (Z45/25J)	
18	6095GT	WASHER,FLAT,USS,1/2",Y (Z45/25J)	
19	54168GT	WEAR PAD,MID PIVOT,PERIMETER	
20	4266GT	SCREW,HHC,1/4-20 X 2	

502.2 Secondary Linkage, Z-45/25J



Item	Part No.	Description	Qty.
21	6091GT	NUT,NYLOCK,1/4-20	
22	50479-SGT	CONNECTING LINK, Z45/25	
23	52742-SGT	LOWER SECONDARY ARM ASSY includes bearings	
24	54239GT	SCREW,PHILLIPS,PHM,10-32 X 2.0	
25	6178GT	NUT, NYLOCK, 10-32	
26	7339GT	SCREW,HHC,1/4-20 X .5	
27	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	
28	50548PGT	HOSE COVER,LOWER LEVEL,BOT,PAI	
29	49772GT	WEAR PAD,6 X 1.5 X.50,W/INSERT	
30	52728GT	UPPER PIVOT W/BEARING-Z45/25	
31	94530GT	CLAMPING BLOCK,CABLE (to SN 15073)	
31-	94529GT	CLAMPING BLOCK,HOSE*** (from SN 15074)	
32-	94531PGT	BRACKET,HOSE CLAMP PAINTED***	
33	94529GT	CLAMPING BLOCK,HOSE*** (to SN 15073)	
33-	94530GT	CLAMPING BLOCK,CABLE (from SN 15074)	
34	8179GT	SCREW,HHC,1/4-20 X 2.25	
34-	6888GT	SCREW, HHC, 1/4-20 X 1	
35	88356-11205GT	SWITCH,LIMIT,W/RLLR ARM NO/NC	
35-	97128GT	ROLLER ARM,LIMIT SWITCH***	
35-	60428GT	CONN, PLUG 4WAY, 14-18GA	
35-	60429GT	LOCK, PLUG 4WAY, 14-18GA	
35-	60442GT	CONN,RECEP 4 WAY, 14-18GA	
35-	60443GT	LOCK, RECEP 4WAY, 14-18GA	
35-	73713GT	TERMINAL, PIN, DT, 14-18 AWG, NICKEL, 0.095-0.150 OD, DEUTSCH, STRIP	
35-	73714GT	TERMINAL, SOCKET, DT, 14-18 AWG, NICKEL, 0.095-0.150 OD, DEUTSCH, STRIP	
35-	73725GT	BOOT,DTSCH,DTP4-BT	

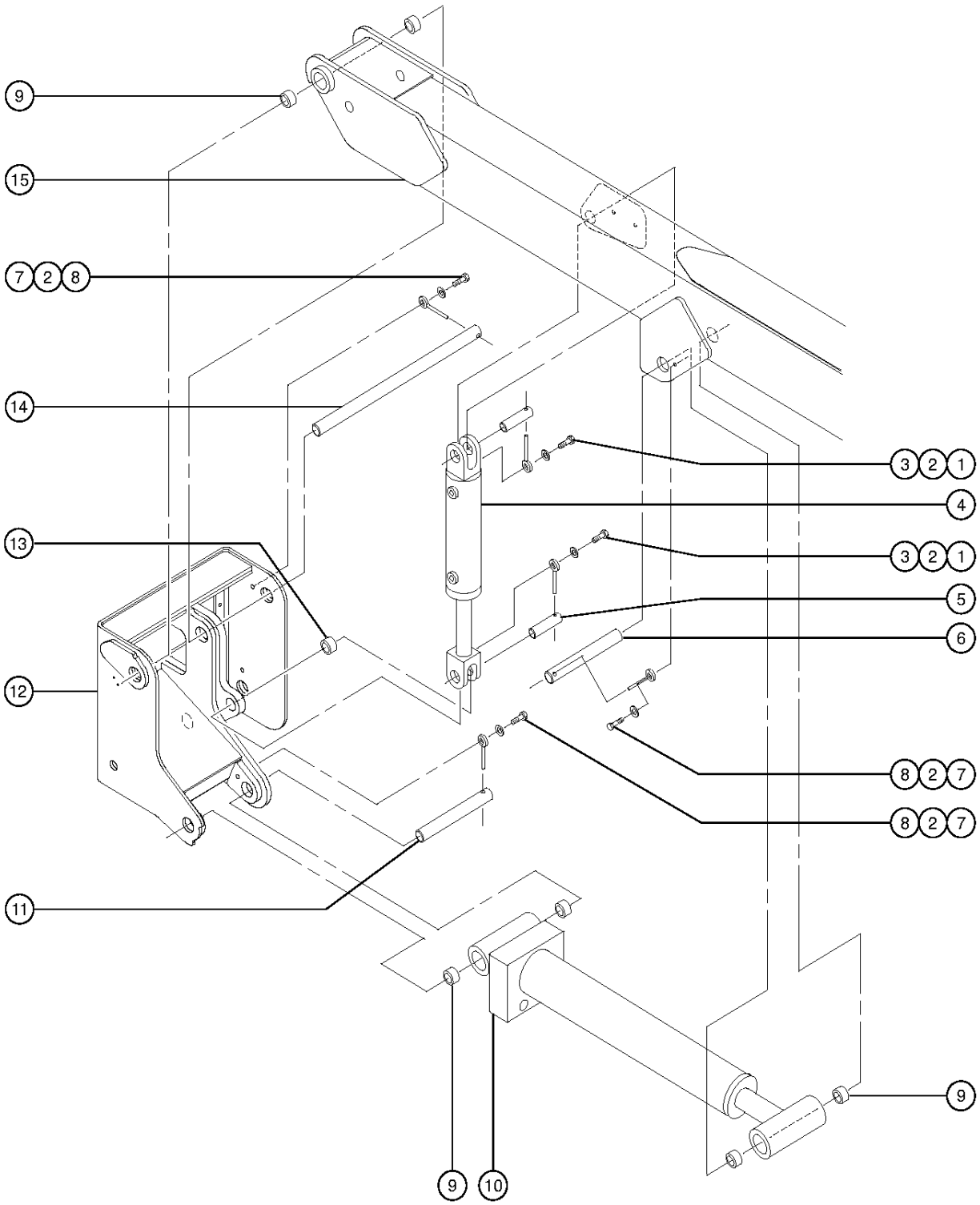
503.1 Upper Pivot, Z-45/25



503.1 Upper Pivot, Z-45/25

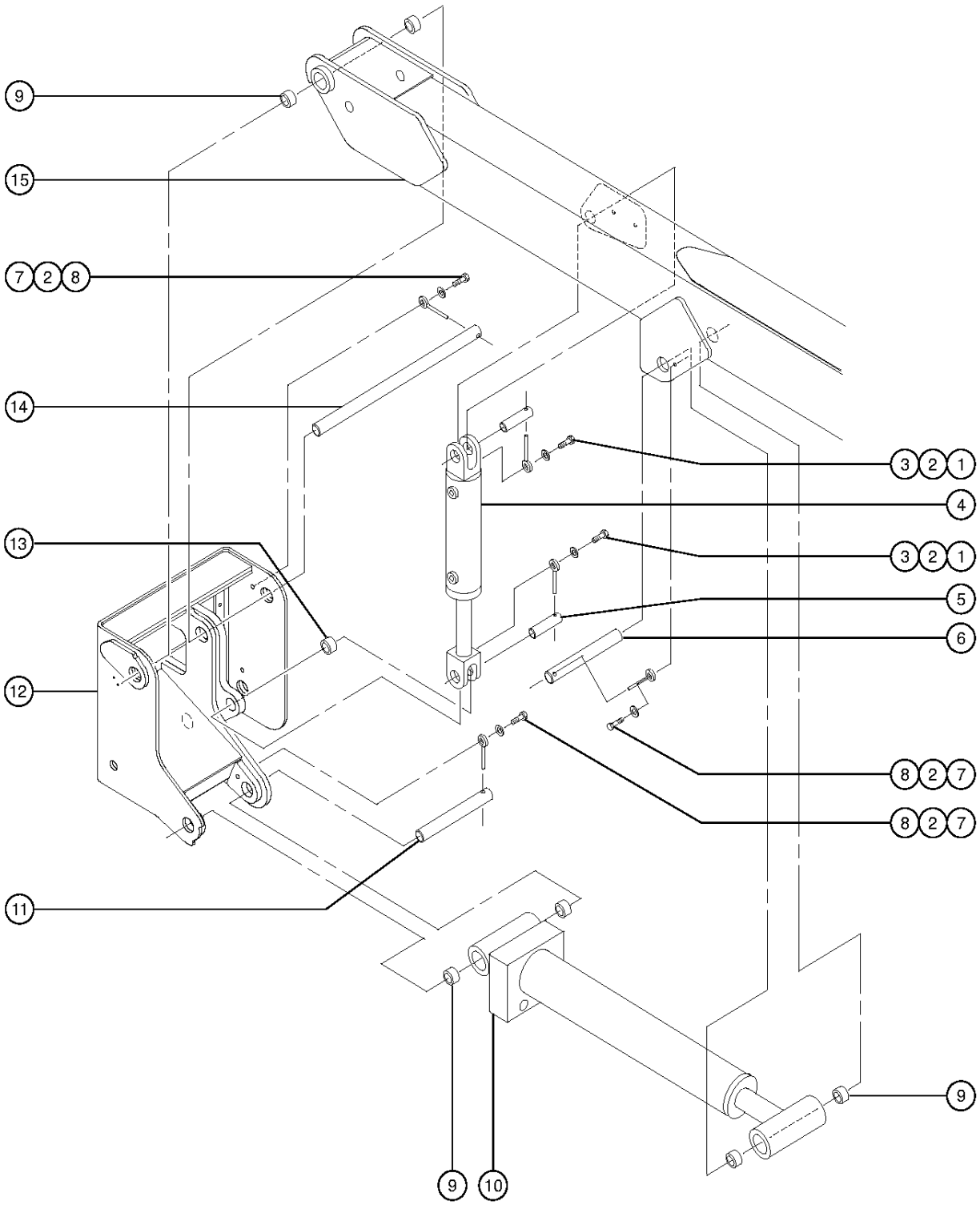
Item	Part No.	Description	Qty.
1	6175GT	SCREW,HHC,3/8-16 X 1	
2	6021GT	WASHER, LOCK, .375	
3	1255452GT	ROD END,.375 X 2.25,ZAG	
4A	139599GT	KIT,CYLINDER REPLACEMENT,Z-45* to SN 19867; Upgrade Service Kit required for first-time replacement (includes master and slave cylinders). After first-time replacement, refer to 77362 below.	
4A-	52745GT	SEAL KIT,50337,50353 CYLINDER for cylinder 50337	
4A-	59263GT	SEAL KIT-3" BORE X 1.5" ROD for cylinders 59132 and 59340	
4A-	59445GT	SEAL KIT,3" BORE,1.5" RD for cylinder 59389	
4B	77362GT	CYLINDER,LEVELING,UPPER PIVOT,Z-45 from SN 19868	
4B-	77364GT	SEAL KIT, LEVELING CYLINDER for cylinder 77362	
5	34276GT	PIN,1.25DIAX3.37LG,1HOLE	
6	50542GT	PIN,1.75DIAX9.25LG,1HOLE	
7	6175GT	SCREW,HHC,3/8-16 X 1	
8	825019GT	ROD END, .375X3.69, ZAG	
9	1262633GT	BUSHING,POLYGON,BM5120	
10A		CYLINDER,LIFT,NON-JIB,Z45*** check manufacture stamp (1346127 or 50392) before ordering seal kit	1
10A-	52744GT	SEAL KIT,50287,50392 CYLINDER for cylinder 50392	1
10A-	77014GT	VALVE,COUNTERBALANCE,3800 PSI for cylinder 50392	2
10B	1263056GT	CYLINDER,PRIM LIFT NON JIB,Z45 check manufacture stamp (83L130-A) before ordering seal kit	1
10B-	77189GT	SEAL KIT,CYL,Z45 (77187&77188) for cylinder 77187, 1263056	1
10B-	77014GT	VALVE,COUNTERBALANCE,3800 PSI for cylinder 77187, 1263056	2
10C		CYLINDER,LIFT,JIB,Z45*** check manufacture stamp (1345892 or 50287) before ordering seal kit	1
10C-	52744GT	SEAL KIT,50287,50392 CYLINDER for cylinder 50287	1
10C-	77014GT	VALVE,COUNTERBALANCE,3800 PSI for cylinder 50287	2
10D	1263057GT	CYLINDER,PRIM LIFT JIB,Z45 check manufacture stamp (83L129-0) before ordering seal kit	1
10D-	77189GT	SEAL KIT,CYL,Z45 (77187&77188) for 77188, 1263057	1
10D-	77014GT	VALVE,COUNTERBALANCE,3800 PSI for 77188, 1263057	2
11	54738GT	PIN,1.75DIAX12.25LG,CHAMFER	
12	52728GT	UPPER PIVOT W/BEARING-Z45/25 includes 1 of item 13	

503.1 Upper Pivot, Z-45/25



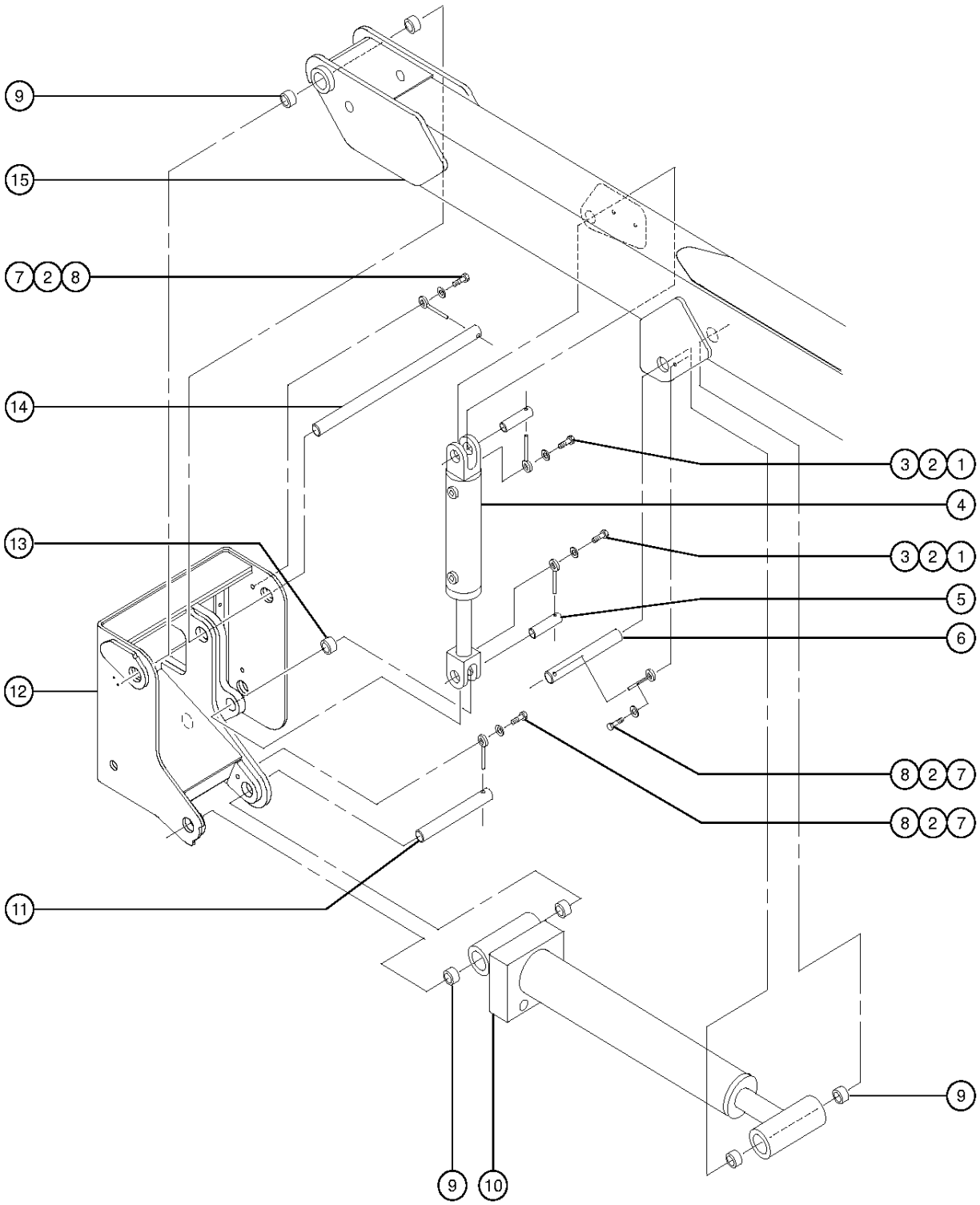
Item	*Part No.*	*Description*	*Qty.*
13	30370GT	BEARING,1.25IDX1.5ODX1.00L	
14	54331GT	PIN,1.75DIAX23.57LG,CHAMFER***	
15		Ref. Primary Boom Tube Assembly (refer to Figure 504.1)	

503.2 Upper Pivot, Z-45/25J



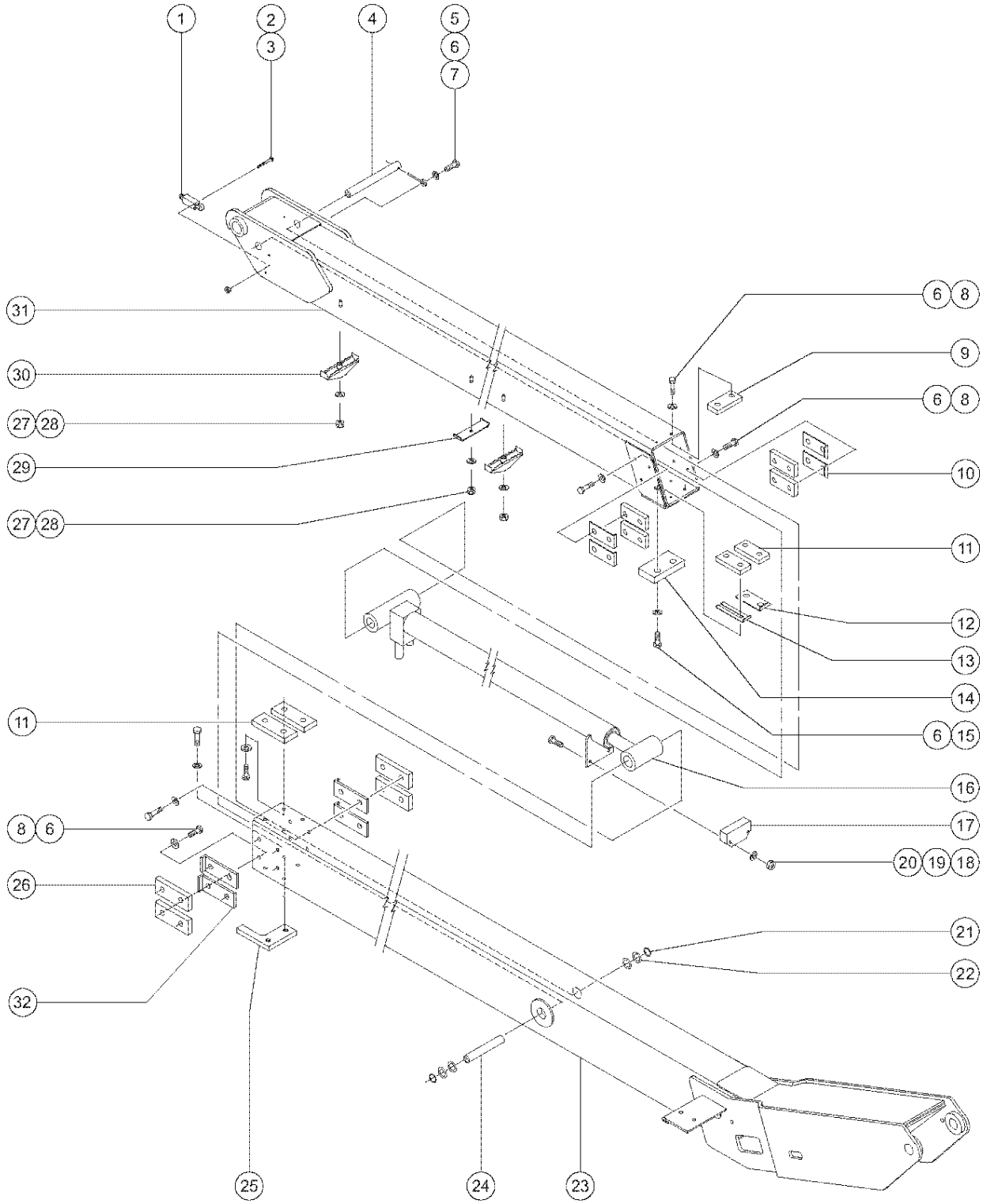
Item	Part No.	Description	Qty.
1	6175GT	SCREW,HHC,3/8-16 X 1	
2	6021GT	WASHER, LOCK, .375	
3	1255452GT	ROD END,.375 X 2.25,ZAG	
4A	139599GT	KIT,CYLINDER REPLACEMENT,Z-45* to SN 19867; Upgrade Service Kit required for first-time replacement (includes master and slave cylinders). After first-time replacement, refer to 77362 below.	
4A-	52745GT	SEAL KIT,50337,50353 CYLINDER for cylinder 50337	
4A-	59263GT	SEAL KIT-3" BORE X 1.5" ROD for cylinders 59132 and 59340	
4A-	59445GT	SEAL KIT,3" BORE,1.5" RD for cylinder 59389	
4B	77362GT	CYLINDER,LEVELING,UPPER PIVOT,Z-45 from SN 19868	
4B-	77364GT	SEAL KIT, LEVELING CYLINDER for cylinder 77362	
5	34276GT	PIN,1.25DIAX3.37LG,1HOLE	
6	50542GT	PIN,1.75DIAX9.25LG,1HOLE	
7	6175GT	SCREW,HHC,3/8-16 X 1	
8	825019GT	ROD END, .375X3.69, ZAG	
9	1262633GT	BUSHING,POLYGON,BM5120	
10A		CYLINDER,LIFT,NON-JIB,Z45*** check manufacture stamp (1346127 or 50392) before ordering seal kit	1
10A-	52744GT	SEAL KIT,50287,50392 CYLINDER for cylinder 50392	1
10A-	77014GT	VALVE,COUNTERBALANCE,3800 PSI for cylinder 50392	2
10B	1263056GT	CYLINDER,PRIM LIFT NON JIB,Z45 check manufacture stamp (83L130-A) before ordering seal kit	1
10B-	77189GT	SEAL KIT,CYL,Z45 (77187&77188) for cylinder 77187	1
10B-	77014GT	VALVE,COUNTERBALANCE,3800 PSI for cylinder 77187	2
10C		CYLINDER,LIFT,JIB,Z45*** check manufacture stamp (1345892 or 50287) before ordering seal kit	1
10C-	52744GT	SEAL KIT,50287,50392 CYLINDER for cylinder 50287	1
10C-	77014GT	VALVE,COUNTERBALANCE,3800 PSI for cylinder 50287	2
10D	1263057GT	CYLINDER,PRIM LIFT JIB,Z45 check manufacture stamp before ordering seal kit	1
10D-	77189GT	SEAL KIT,CYL,Z45 (77187&77188) for 77188, 1263057	1
10D-	77014GT	VALVE,COUNTERBALANCE,3800 PSI for 77188, 1263057	2
11	54738GT	PIN,1.75DIAX12.25LG,CHAMFER	
12	52728GT	UPPER PIVOT W/BEARING-Z45/25 includes 1 of item 13	

503.2 Upper Pivot, Z-45/25J



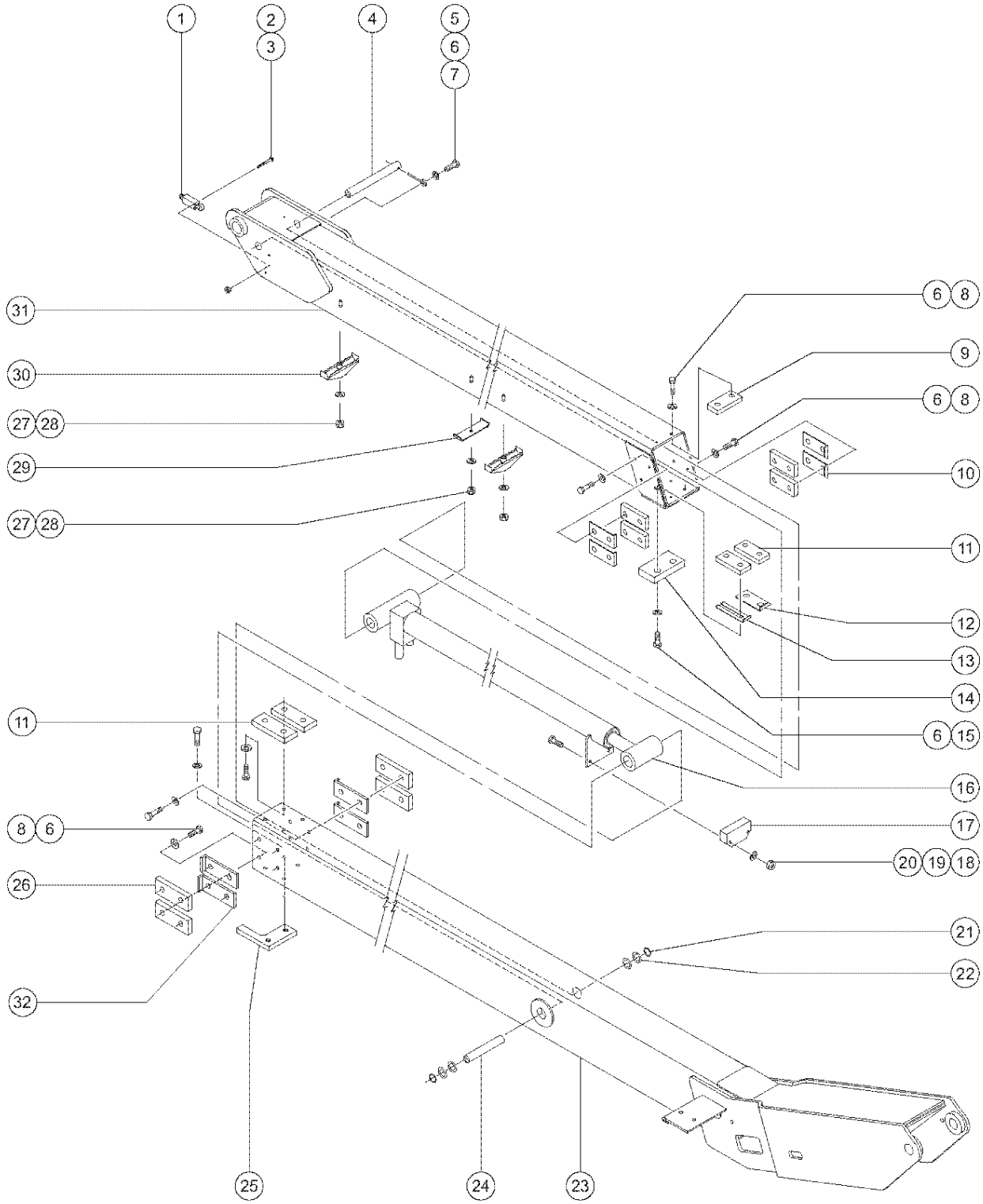
Item	*Part No.*	*Description*	*Qty.*
13	30370GT	BEARING,1.25IDX1.5ODX1.00L	
14	54331GT	PIN,1.75DIAX23.57LG,CHAMFER***	
15		Ref. Primary Boom Tube Assembly (refer to Figure 504.1)	

504.1 Primary and Extension Booms, Z-45/25



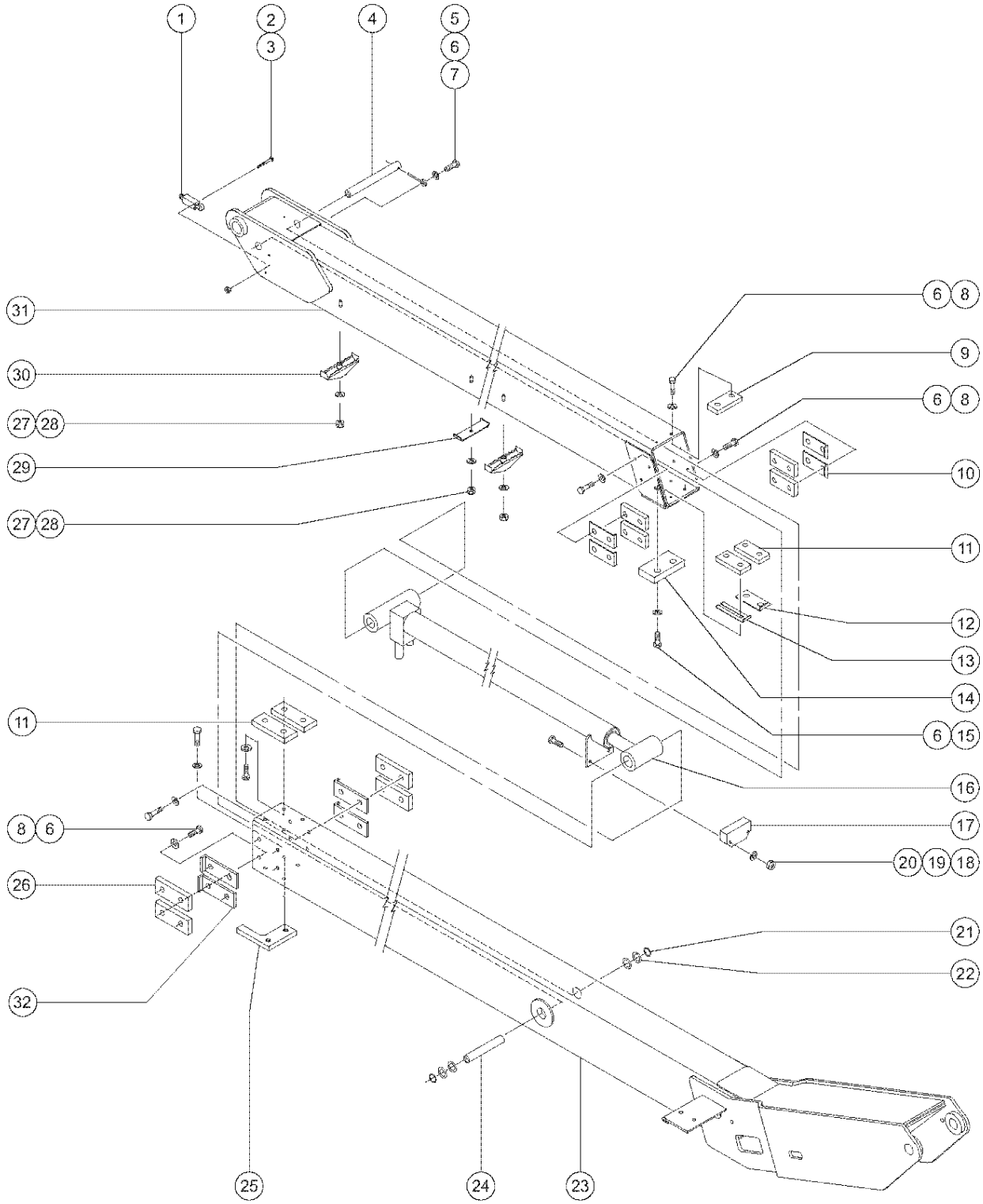
Item	Part No.	Description	Qty.
1A	88356-11103GT	SWITCH,LIMIT,W/RLR ARM,NO/NC to SN 23764	1
1A-	19491GT	CONTACTOR,LIMIT SWITCH	1
1A-	97128GT	ROLLER ARM,LIMIT SWITCH***	1
1B	88356-11205GT	SWITCH,LIMIT,W/RLLR ARM NO/NC from SN 23765	1
1B-	19491GT	CONTACTOR,LIMIT SWITCH	
1B-	97128GT	ROLLER ARM,LIMIT SWITCH***	1
2	49775GT	SCREW,PHILLIPS,PHM,10-32X 1.75	
3	6178GT	NUT, NYLOCK, 10-32	
4	50584GT	PIN,1.25DIAX9.38LG,THREADED	
5	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
6	6021GT	WASHER, LOCK, .375	
7	825019GT	ROD END, .375X3.69, ZAG	
8	8255GT	SCREW,HHC,3/8-16 X .75	
9A	34125GT	WEAR PAD,5 X 1.5 X .75 W/NUTS Z45/25	
9B	54131GT	WEAR PAD,PRIMARY BOOM,TOP 6.25X1.5X1.13 Z45/25J	
10	38620GT	SHIM,WEAR PAD,5 X 1.5,14GA	
11	34125GT	WEAR PAD,5 X 1.5 X .75 W/NUTS	
12	38620GT	SHIM,WEAR PAD,5 X 1.5,14GA	
13	29080GT	SHIM,WEAR PAD,5X 1.5 16GA	
14	54157GT	WEAR PAD,PRIMARY BOOM,JIB 5.5X3X1	
15	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	
16A		CYLINDER,EXT,Z45 STANDARD * check manufacture stamp (50321) before ordering seal kit	1
16A-	52757GT	SEAL KIT,50699,50260,50321 CYL for cylinder 50321	1
16A-	54063GT	VALVE,CB.CBBC-LHN@1000*** for cylinder 50321; extend	1
16A-	77410GT	VALVE,COUNTERBALNCE,1500 PSI** for cylinder 50321; retract	1
16B	54570GT	CYLINDER,EXTEND,Z45 NON JIB check manufacture stamp (83E116-0) before ordering seal kit	1
16B-	65788GT	SEAL KIT CYL Z45 (54570) for cylinder 54570	
16B-	54063GT	VALVE,CB.CBBC-LHN@1000*** for cylinder 54570; extend	

504.1 Primary and Extension Booms, Z-45/25



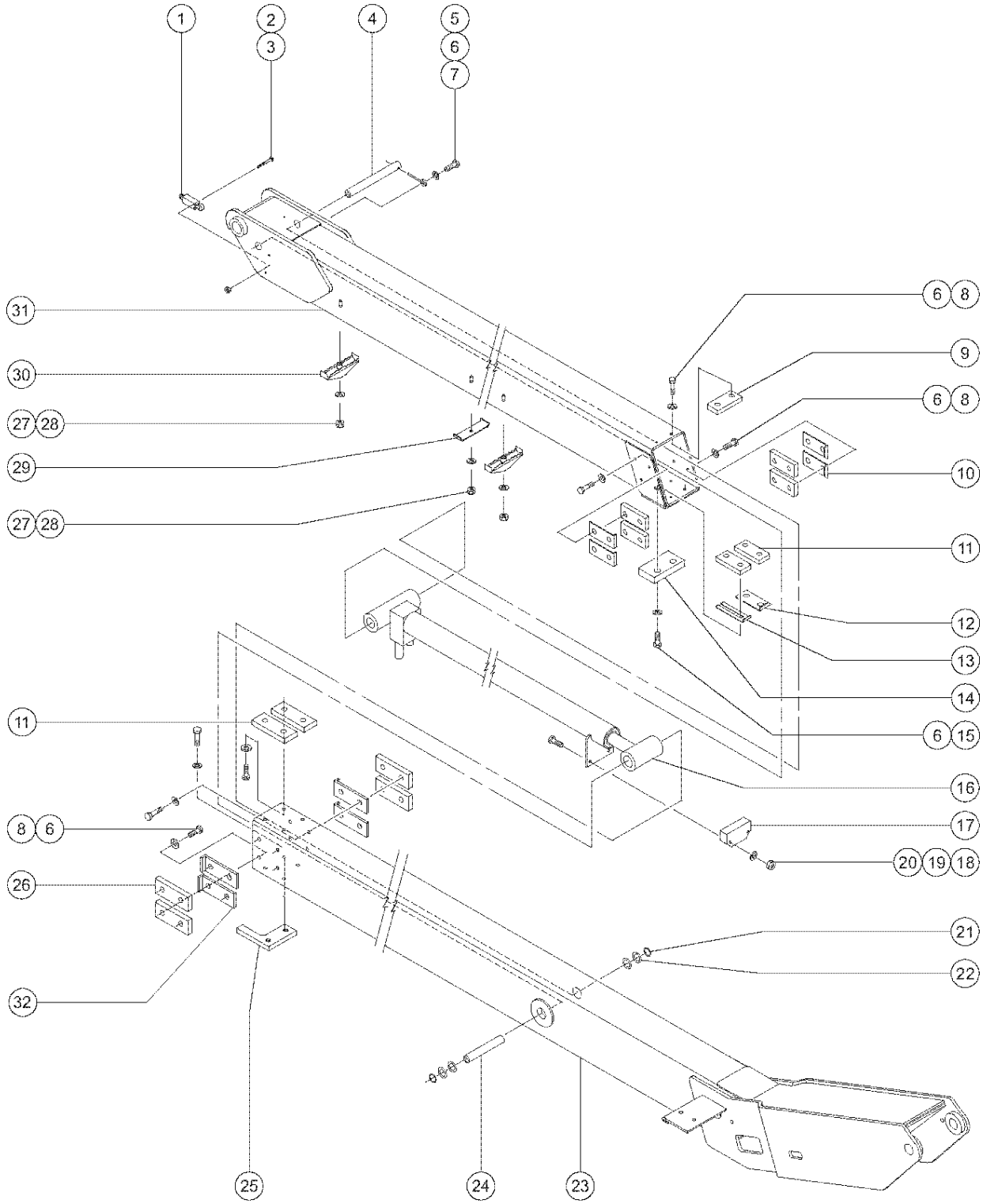
Item	Part No.	Description	Qty.
16B-	77410GT	VALVE,COUNTERBALNCE,1500 PSI** for cylinder 54570; retract	
16C		CYLINDER,EXTEND,JIB,Z45* check manufacture stamp (50260) before ordering seal kit	1
16C-	52757GT	SEAL KIT,50699,50260,50321 CYL for cylinder 50260	1
16C-	54063GT	VALVE,CB.CBBC-LHN@1000*** for cylinder 50260; extend	
16C-	77410GT	VALVE,COUNTERBALNCE,1500 PSI** for cylinder 50260; retract	
16D	54569GT	CYLINDER,EXTEND,Z45J*** check manufacture stamp (83E117-0) before ordering seal kit	
16D-	65790GT	SEAL KIT CYL.Z45(54569) for cylinder 54569	
16D-	54063GT	VALVE,CB.CBBC-LHN@1000*** for cylinder 54569; extend	
16D-	77410GT	VALVE,COUNTERBALNCE,1500 PSI** for cylinder 54569; retract	
17	50698GT	WEAR PAD,EXTENSION CYLINDER	
18	6091GT	NUT,NYLOCK,1/4-20	
19	6638GT	WASHER, FLAT, USS, 1/4"Y	
20	6637GT	SCREW,HHC,1/4-20 X 1.75	
21	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	
22	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	
23	50315GT	EXTENSION BOOM WELDMNT,NON-JIB	1
24	50546GT	PIN,1.25DIAX6.36LG,2RING	
25	50552GT	WEAR PAD,EXTENSION BOOM	
26	30138GT	WEAR PAD,5 X 1.5 X .625 W/NUTS	
27	4828GT	NUT, NYLOCK, 3/8-16	
28	6097GT	WASHER, FLAT, USS, 3/8", Y	
29	54530GT	CLAMP,HOSE,ALUMINUM	
30	77106GT	CLAMP,CABLE & HOSE,PLASTIC	
31A	65633GT	PRIMARY BOOM ASSY,STD,Z45/25**	
31B	65634GT	PRIMARY BOOM ASSY,JIB,Z45/25J	
32	38620GT	SHIM,WEAR PAD,5 X 1.5,14GA as needed	

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



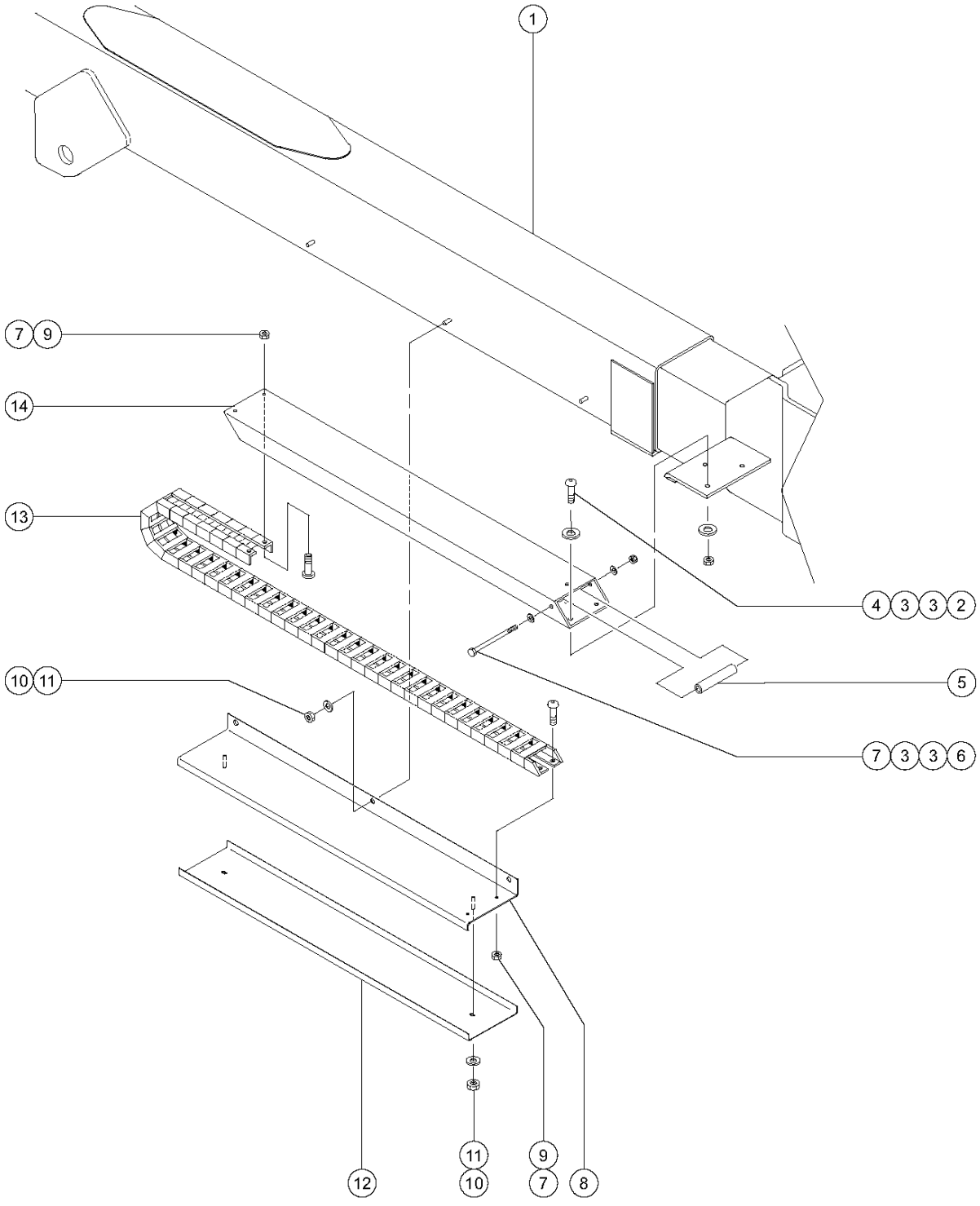
Item	Part No.	Description	Qty.
-	150103GT	WIRE LOOM,1.25"NYLON,HIGH TEMP	129 inches
1A	88356-11103GT	SWITCH,LIMIT,W/RLR ARM,NO/NC to SN 23764	1
1A-	19491GT	CONTACTOR,LIMIT SWITCH	1
1A-	97128GT	ROLLER ARM,LIMIT SWITCH***	1
1B	88356-11205GT	SWITCH,LIMIT,W/RLLR ARM NO/NC from SN 23765	1
1B-	19491GT	CONTACTOR,LIMIT SWITCH	
1B-	97128GT	ROLLER ARM,LIMIT SWITCH***	1
2	49775GT	SCREW,PHILLIPS,PHM,10-32X 1.75	
3	6178GT	NUT, NYLOCK, 10-32	
4	50584GT	PIN,1.25DIAX9.38LG,THREADED	
5	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
6	6021GT	WASHER, LOCK, .375	
7	825019GT	ROD END, .375X3.69, ZAG	
8	8255GT	SCREW,HHC,3/8-16 X .75	
9A	34125GT	WEAR PAD,5 X 1.5 X .75 W/NUTS Z45/25	
9B	54131GT	WEAR PAD,PRIMARY BOOM,TOP 6.25X1.5X1.13 Z45/25J	
10	38620GT	SHIM,WEAR PAD,5 X 1.5,14GA	
11	34125GT	WEAR PAD,5 X 1.5 X .75 W/NUTS	
12	38620GT	SHIM,WEAR PAD,5 X 1.5,14GA	
13	29080GT	SHIM,WEAR PAD,5X 1.5 16GA	
14	54157GT	WEAR PAD,PRIMARY BOOM,JIB 5.5X3X1	
15	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	
16A		CYLINDER,EXT,Z45 STANDARD * check manufacture stamp (50321) before ordering seal kit	1
16A-	52757GT	SEAL KIT,50699,50260,50321 CYL for cylinder 50321	1
16A-	54063GT	VALVE,CB.CBBC-LHN@1000*** for cylinder 50321; extend	1
16A-	77410GT	VALVE,COUNTERBALNCE,1500 PSI** for cylinder 50321; retract	1
16B	54570GT	CYLINDER,EXTEND,Z45 NON JIB check manufacture stamp (83E116-0) before ordering seal kit	1

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



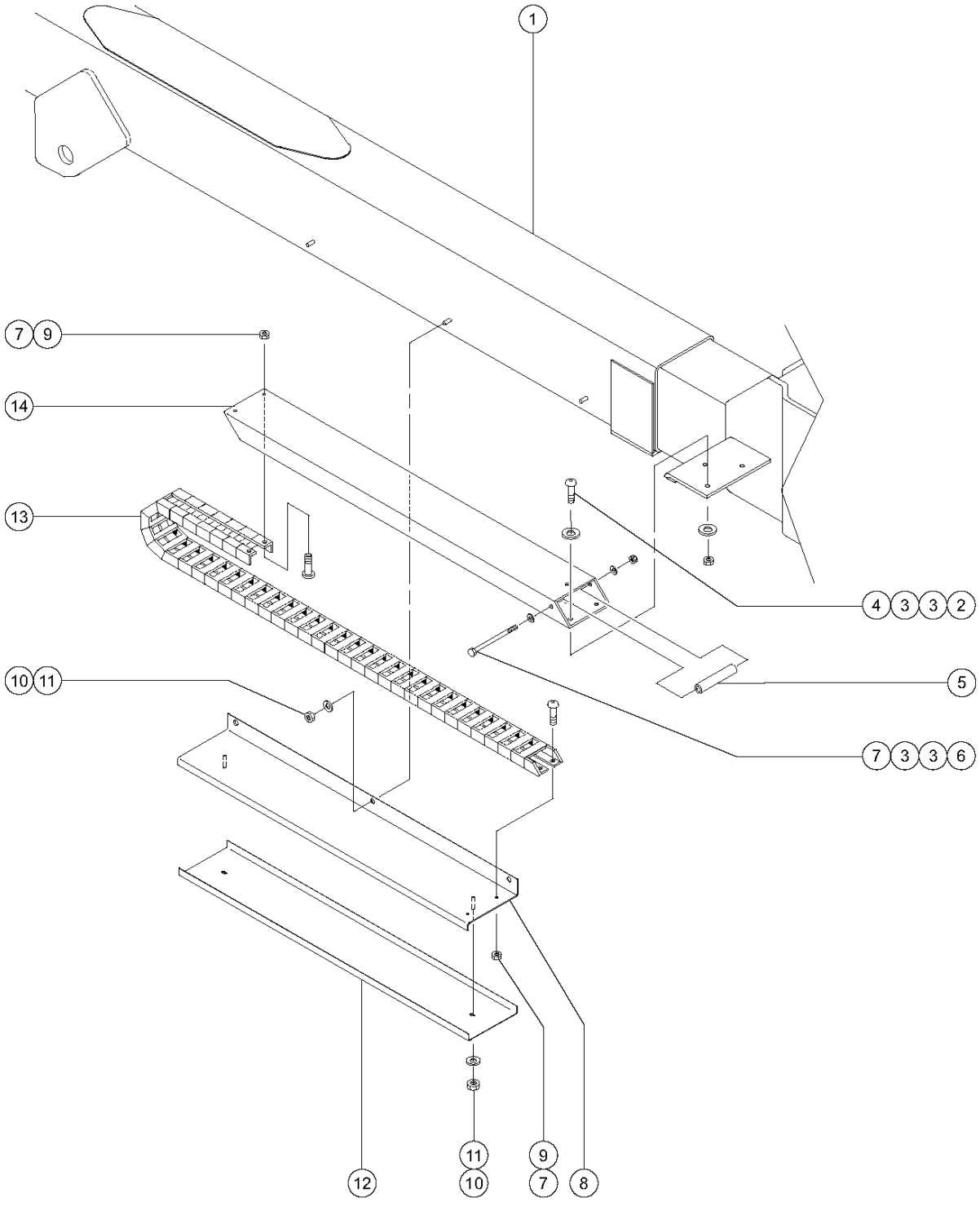
Item	Part No.	Description	Qty.
16B-	65788GT	SEAL KIT CYL Z45 (54570) for cylinder 54570	
16B-	54063GT	VALVE,CB.CBBC-LHN@1000*** for cylinder 54570; extend	
16B-	77410GT	VALVE,COUNTERBALNCE,1500 PSI** for cylinder 54570; retract	
16C		CYLINDER,EXTEND,JIB,Z45* check manufacture stamp (50260) before ordering seal kit	1
16C-	52757GT	SEAL KIT,50699,50260,50321 CYL for cylinder 50260	1
16C-	54063GT	VALVE,CB.CBBC-LHN@1000*** for cylinder 50260; extend	
16C-	77410GT	VALVE,COUNTERBALNCE,1500 PSI** for cylinder 50260; retract	
16D	54569GT	CYLINDER,EXTEND,Z45J*** check manufacture stamp (83E117-0) before ordering seal kit	
16D-	65790GT	SEAL KIT CYL.Z45(54569) for cylinder 54569	
16D-	54063GT	VALVE,CB.CBBC-LHN@1000*** for cylinder 54569; extend	
16D-	77410GT	VALVE,COUNTERBALNCE,1500 PSI** for cylinder 54569; retract	
17	50698GT	WEAR PAD,EXTENSION CYLINDER	
18	6091GT	NUT,NYLOCK,1/4-20	
19	6638GT	WASHER, FLAT, USS, 1/4"Y	
20	6637GT	SCREW,HHC,1/4-20 X 1.75	
21	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	
22	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	
23	50304GT	EXTENSION BOOM WELDMNT,JIB,Z45	
24	50546GT	PIN,1.25DIAX6.36LG,2RING	
25	50552GT	WEAR PAD,EXTENSION BOOM	
26	30138GT	WEAR PAD,5 X 1.5 X .625 W/NUTS	
27	4828GT	NUT, NYLOCK, 3/8-16	
28	6097GT	WASHER, FLAT, USS, 3/8", Y	
29	54530GT	CLAMP,HOSE,ALUMINUM	
30	77106GT	CLAMP,CABLE & HOSE,PLASTIC	
31A	65633GT	PRIMARY BOOM ASSY,STD,Z45/25**	
31B	65634GT	PRIMARY BOOM ASSY,JIB,Z45/25J	
32	38620GT	SHIM,WEAR PAD,5 X 1.5,14GA as needed	

505.1 Cable Track, Z-45/25



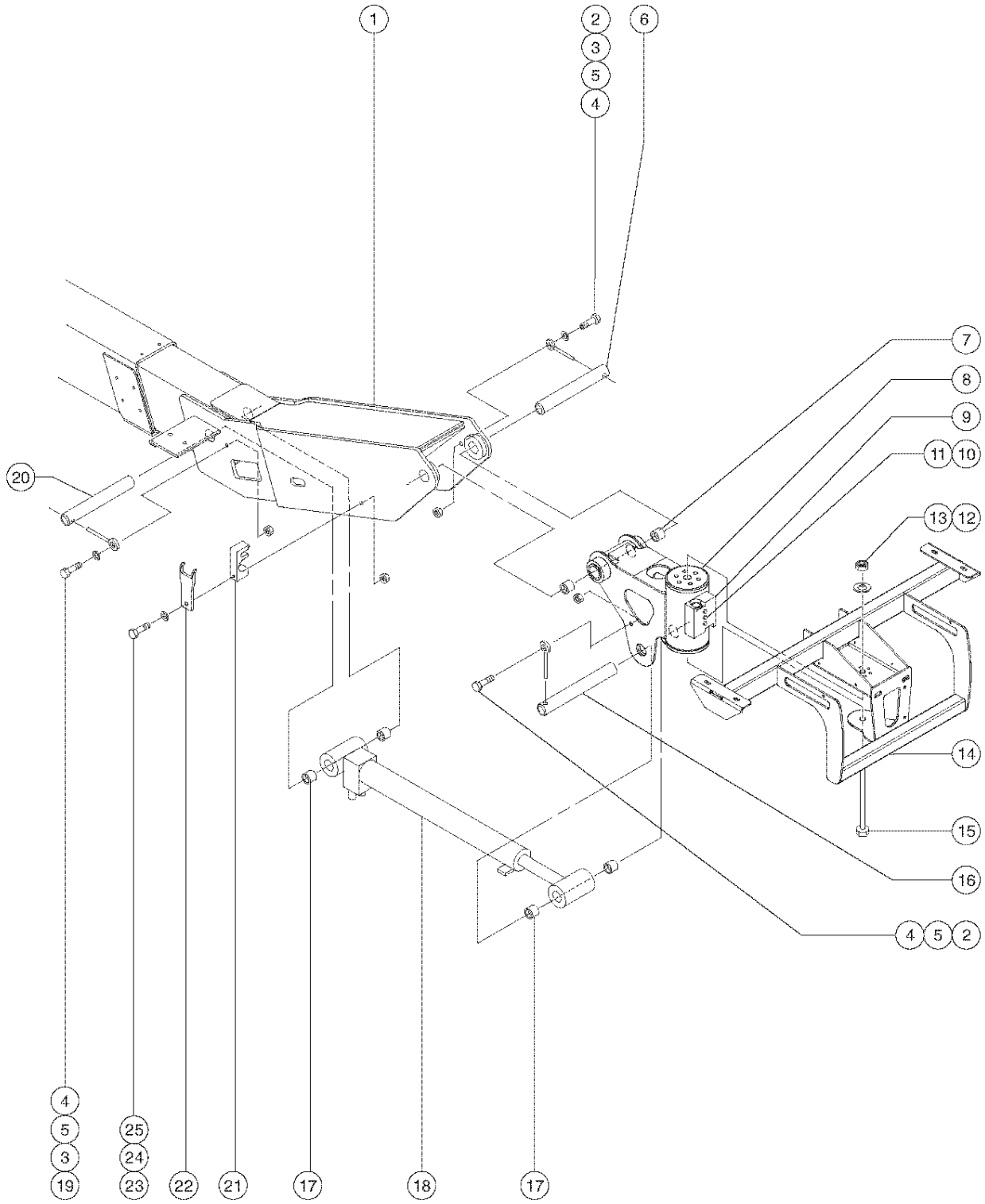
Item	Part No.	Description	Qty.
1		Ref. Primary Boom Tube Assembly (refer to Figure 504.1)	
2	54830GT	SCREW,BHSC,1/4-20 X .88,Y/ZINC	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	18504GT	NUT,LOCKING-LG.FLANGE,1/4-20	
5	48751-463GT	HOSE,1/4" HIGH PRESSURE,4.63LG	
6	77036GT	SCREW,HHC,1/4-20 X 5.50,G5,CLZ	
7	6091GT	NUT,NYLOCK,1/4-20	
8A	54981GT	WELDMENT,CABLE TRACK TRAY,NJIB	
9	12011GT	SCREW,BHHS,1/4-20 X .5,Y/ZINC	
10	7713GT	NUT, LP NYLOCK, 3/8-16	
11	5397GT	WASHER, FLAT, USS, 5/16-18	
12A	54985PGT	CHANNEL,CABLE TRACK COV,NONJ,P	
13A	50452GT	CABLE TRACK,PLASTIC,35 LINK Z-45/25	
13A-	58919GT	REPAIR LINK,7 LINKS***	
13A-	58927GT	LINK,NYLATRAC KS6-5.4***	
13A-	58920GT	REPAIR LINK END SET (42763)*	
14A	54460GT	TUBE,CABLE TRACK ARM NON-JIB	

505.2 Cable Track, Z-45/25J



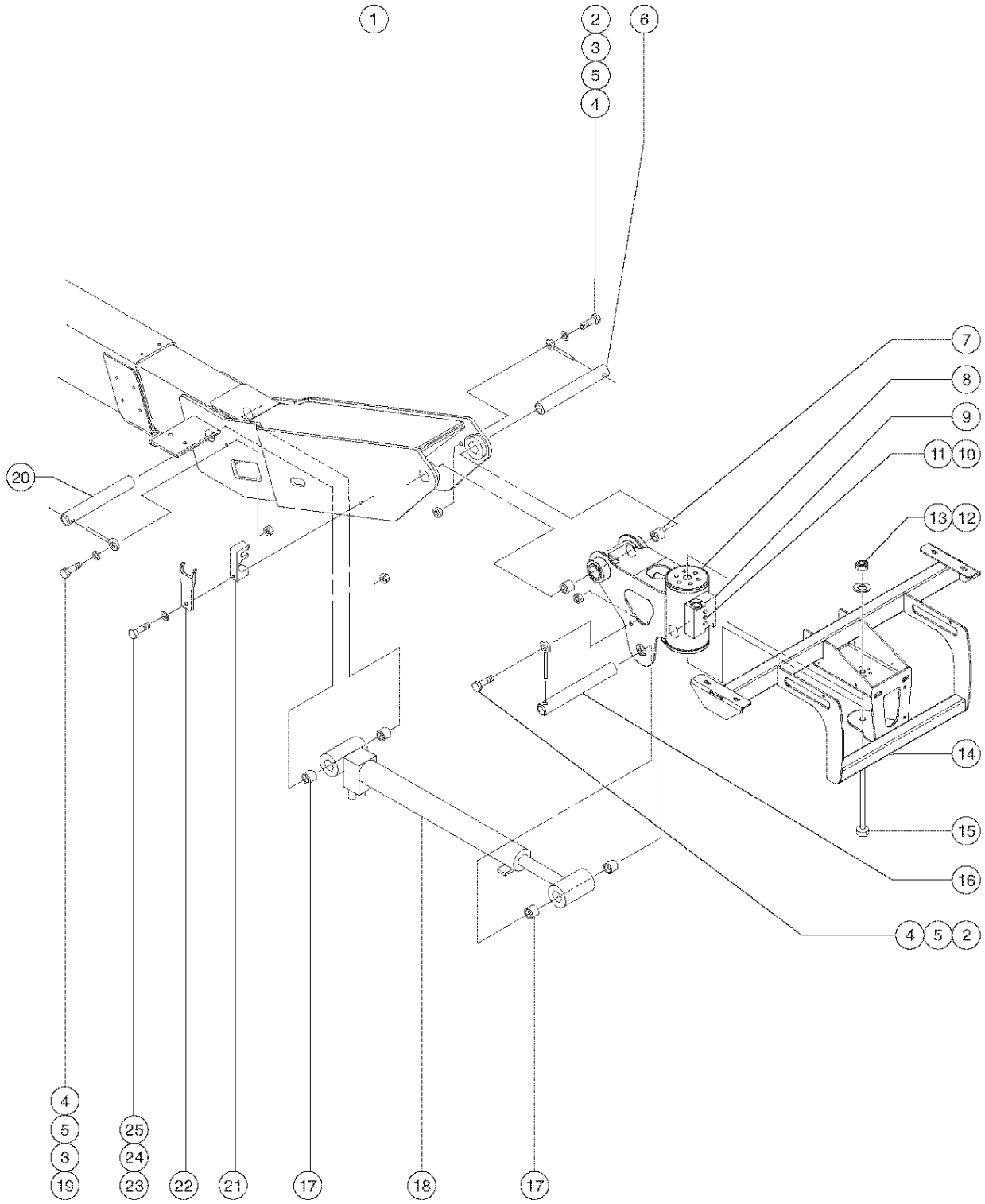
Item	Part No.	Description	Qty.
1		Ref. Primary Boom Tube Assembly (refer to Figure 504.1)	
2	54830GT	SCREW,BHSC,1/4-20 X .88,Y/ZINC	
3	6638GT	WASHER, FLAT, USS, 1/4"Y	
4	18504GT	NUT,LOCKING-LG.FLANGE,1/4-20	
5	48751-463GT	HOSE,1/4" HIGH PRESSURE,4.63LG	
6	77036GT	SCREW,HHC,1/4-20 X 5.50,G5,CLZ	
7	6091GT	NUT,NYLOCK,1/4-20	
8B	54983GT	WLDMNT,CABLE TRACK TRAY,JIB	
9	12011GT	SCREW,BHHS,1/4-20 X .5,Y/ZINC	
10	7713GT	NUT, LP NYLOCK, 3/8-16	
11	5397GT	WASHER, FLAT, USS, 5/16-18	
12B	54984PGT	CHANNEL,CABLE TRK COVER,JIB,PA	
13B	50451GT	CABLE TRACK,PLASTIC,26 LINK* Z-45/25J	
13B-	58919GT	REPAIR LINK,7 LINKS***	
13B-	58927GT	LINK,NYLATRAC KS6-5.4***	
13B-	58920GT	REPAIR LINK END SET (42763)*	
14B	54461GT	TUBE,CABLE TRACK ARM,JIB	

506.1 Non-Jib Platform Leveling and Rotation



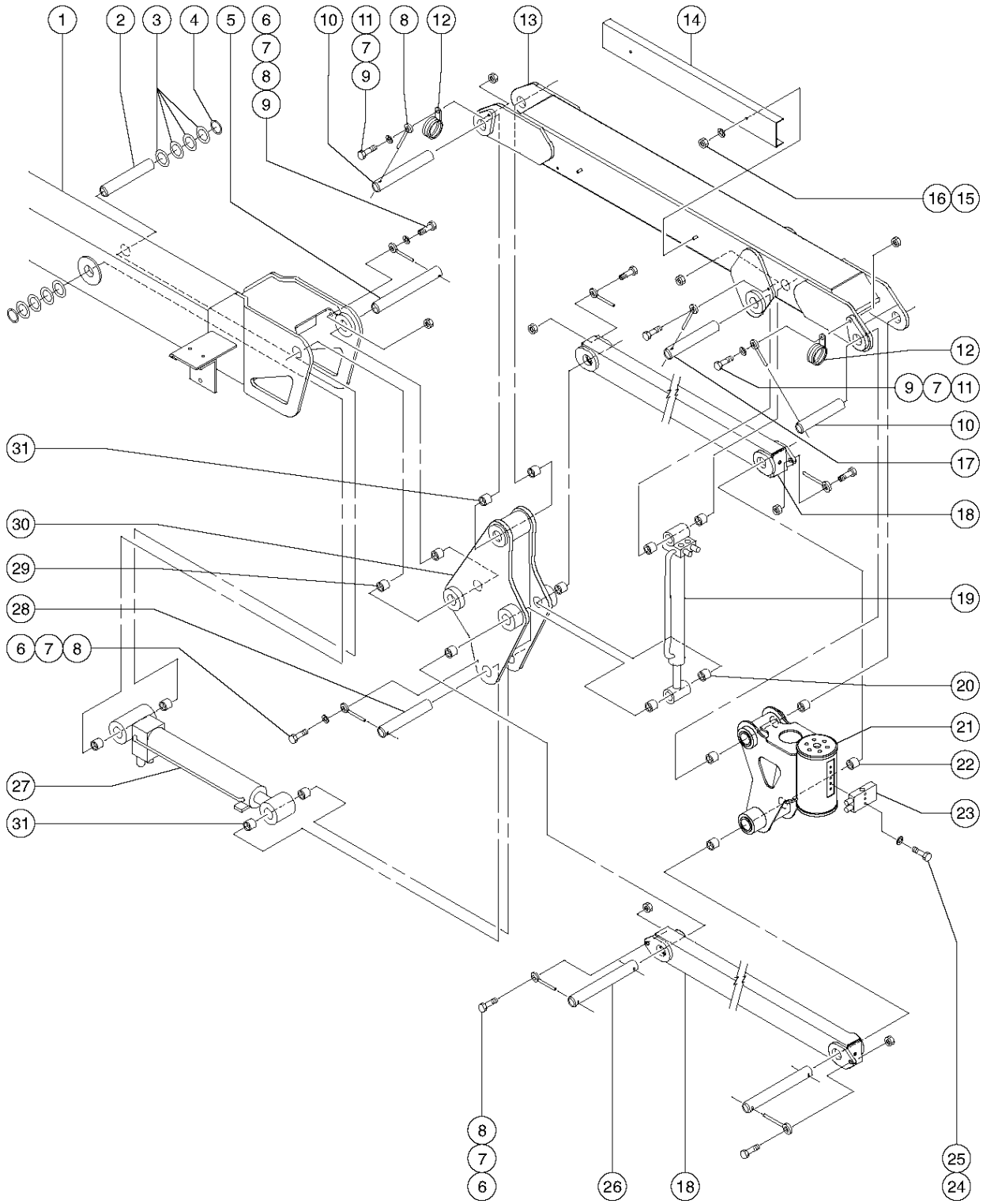
Item	Part No.	Description	Qty.
-	150103GT	WIRE LOOM,1.25"NYLON,HIGH TEMP	129 inches
1		Ref. Primary Extension Boom (refer to Figure 504.1)	
2	8516GT	SCREW, HCC, 3/8-16 X 1.50	
3	5397GT	WASHER, FLAT, USS, 5/16-18	
4	7713GT	NUT, LP NYLOCK, 3/8-16	
5	825019GT	ROD END, .375X3.69, ZAG	
6	50543GT	PIN,1.25DIAX8.88LG,1HOLE	
7	30219GT	BEARING,FL,1.25ID X 1.41OD X 1	
8A	50457GT	ROTATOR,PLAT,NON/JIB,Z45/25 includes 2 each of index number 7; to SN 19934 (limited inventory; component no longer available)	1
8A-	65842GT	SEAL KIT,UNIVERSAL,9K ROTATOR* for 50457	
8A-	13852GT	VALVE ASSY,BLEED***	
8A-	31498GT	BEARING KIT,ROTATOR,9K***	
8B	233716GT	ROTATOR,PLAT,Z45 includes 2 each of index number 7; from SN 16935 to 26999	1
8B-	233745GT	SEAL AND BRG KIT, 4.5K ROTATOR for rotator 233716	
8B-	62509GT	SEAL KIT,ROTATOR*** (for rotator PN 54808, no longer available)	
8B-	147369GT	SEAL AND BRG KIT,4.5K ROTATOR* (for rotator PN 94402, no longer available)	
8B-	13852GT	VALVE ASSY,BLEED***	
8B-	83042GT	BEARING KIT,ROTATOR,4.5K***	
8C	62509GT	SEAL KIT,ROTATOR*** (for rotator PN 54808, no longer available)	
8D	65842GT	SEAL KIT,UNIVERSAL,9K ROTATOR* (for rotator PN 54808, no longer available)	
8E	147369GT	SEAL AND BRG KIT,4.5K ROTATOR* (for rotator PN 94402, no longer available)	
8F	83042GT	BEARING KIT,ROTATOR,4.5K***	1
9		Ref. Counterbalance Manifold (refer to 704.1)	
10	6145GT	SCREW, HHC, 1/4-20 X 1.5	
11	6356GT	WASHER, LOCK, .25	
12	77051GT	NUT,NYLOCK,3/4-10,GRD.8	1
13	33278GT	WASHER, FLAT, .75 HARDENED	1

506.1 Non-Jib Platform Leveling and Rotation



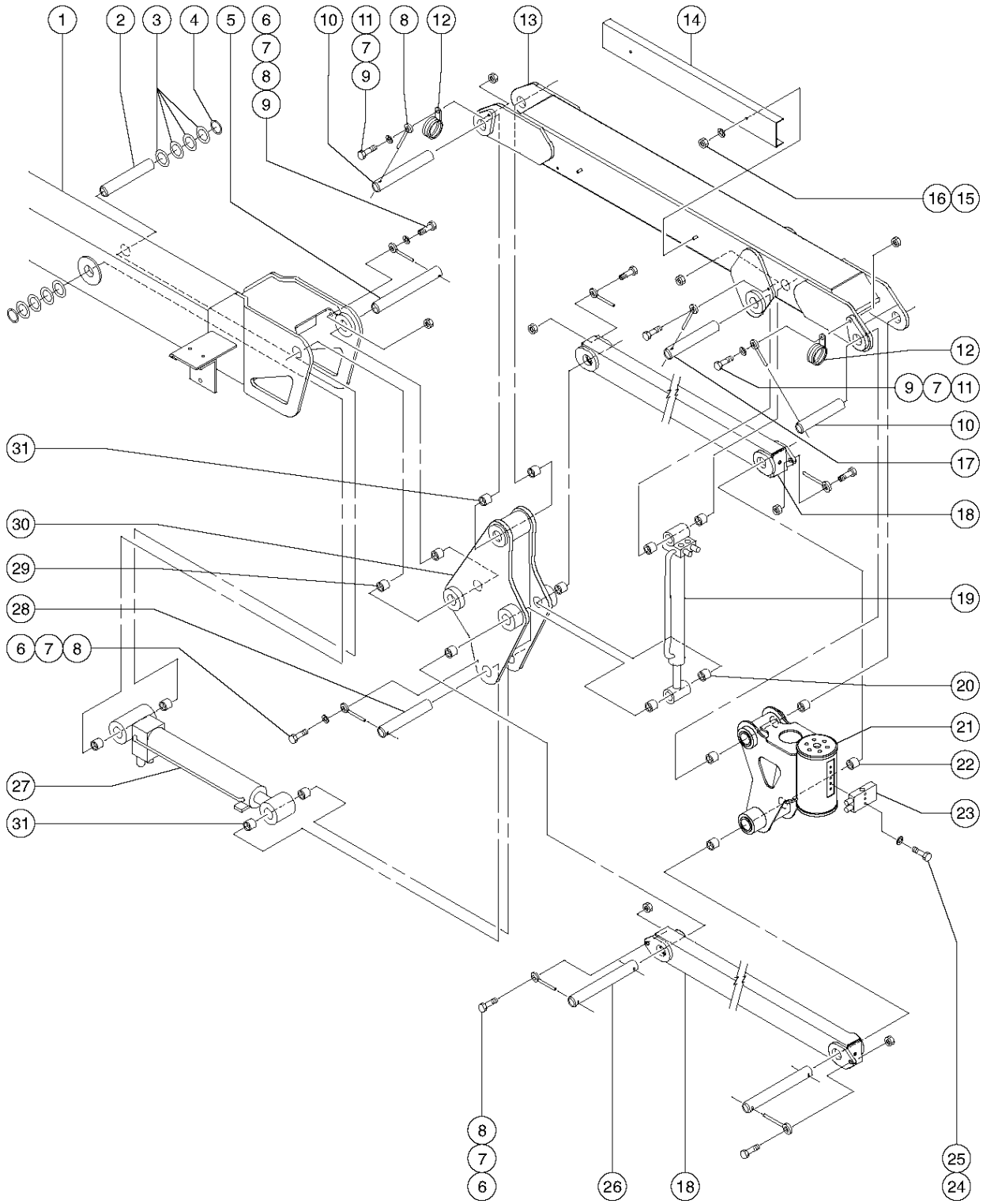
Item	Part No.	Description	Qty.
14A	52743-SGT	PLAT SUPPORT ASSY,NON-JIB*** ..... from SN 9996 to 16961	
14B	54520-SGT	WELDMNT,PLATFRM SUPPORT,NJIB** ..... from SN 16962 to 26999	
15	56925GT	SCREW,HHC,3/4-10 X 9.5 GR 8 YE	1
16	T108075GT	PIN,1.25DIAX5.25LG,1HOLE	
17	25683GT	BEARING,POLYGON,20DU12	
18A	139599GT	KIT,CYLINDER REPLACEMENT,Z-45* to SN 19867; Upgrade Service Kit required for first-time replacement (includes master and slave cylinders). After first-time replacement, refer to 77363 below.	
18A-	52745GT	SEAL KIT,50337,50353 CYLINDER ..... for cylinder 50353	
18A-	54065GT	VALVE,COUNTERBALANCE,3500***	
18B	77363GT	CYLINDER,LEVELING,BELLCRANK,Z-45 ..... from SN 19868 (includes item 17)	
18B-	77364GT	SEAL KIT, LEVELING CYLINDER ..... for cylinder 77363	
18B-	54065GT	VALVE,COUNTERBALANCE,3500***	
19	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
20	T107884GT	PIN,1.25DIAX7.00LG,1HOLE	
21	106526GT	CLAMP,HOSE ROUTE,2X#4,LOOM	1
22	107595GT	BRACKET,HOSE CLAMP SUPPORT	1
23	36294GT	SCREW,HHC,1/4-20 X 2.75	
24	6638GT	WASHER, FLAT, USS, 1/4"Y	
25	6091GT	NUT,NYLOCK,1/4-20	

507.1 Jib Platform Leveling



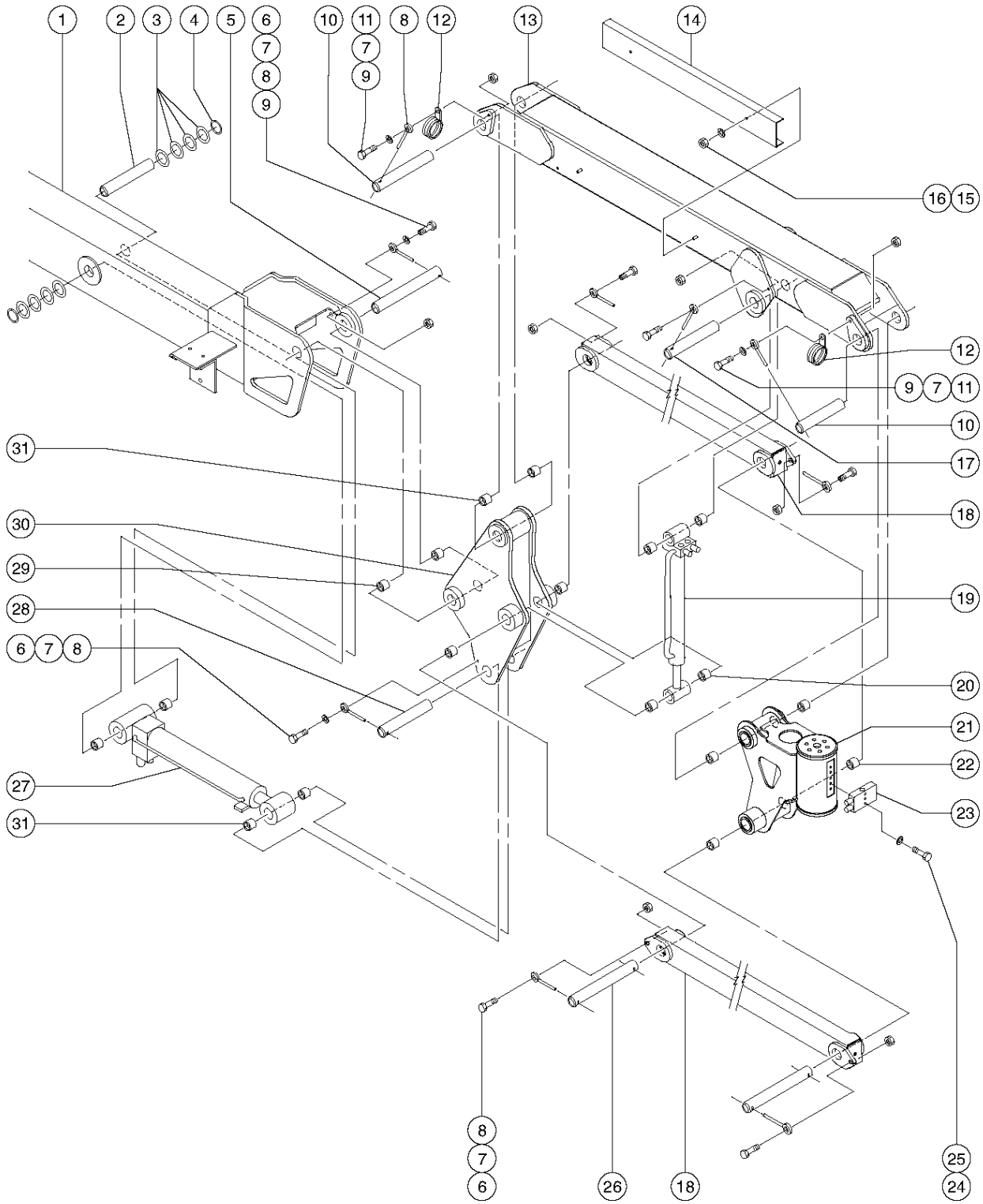
Item	Part No.	Description	Qty.
-	150103GT	WIRE LOOM,1.25"NYLON,HIGH TEMP	129 inches
1		Ref. Primary and Extension Booms (refer to Figure 504.1)	
2	50546GT	PIN,1.25DIAX6.36LG,2RING	
3	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	
4	824164GT	SNAP RING, EXTERNAL,1.25, ZAG	
5	50543GT	PIN,1.25DIAX8.88LG,1HOLE	
6	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
7	5397GT	WASHER, FLAT, USS, 5/16-18	
8	825019GT	ROD END, .375X3.69, ZAG	
9	4828GT	NUT, NYLOCK, 3/8-16	
10	T107883GT	PIN,1.25DIAX7.88LG,1HOLE	
11	8516GT	SCREW, HCC, 3/8-16 X 1.50	
12	27497GT	CLAMP,RUBBER CUSHIONED-2 5/32	
13		SERVICE KIT, 5FT JIB refer to section 509.1 for jib detail	
14A	54527-SGT	CABLE COVER,JIB*** to SN Z452505-24286	1
14B	106589GT	KIT,CABLE COVER,Z45 JIB*** use to replace 54527-S, to SN Z452505-24286	1
14C	106540GT	CABLE COVER,JIB from SN Z452505-24287	1
14C-	106581GT	CLAMP,JIB HOSE Z45 sold seperately or with kit 106589	2
15	6091GT	NUT,NYLOCK,1/4-20	
16	6638GT	WASHER, FLAT, USS, 1/4"Y	
17	T107884GT	PIN,1.25DIAX7.00LG,1HOLE	
18	61306-SGT	COMPR.LINK,MACHINED,GND CONTR*	
19	54994GT	CYLINDER,JIB,Z45,#4 PORTS*** includes item 20	
19-	65789GT	SEAL KIT (54994) for 54994	
19-	147283GT	SEAL KIT,147259 for 147259	
19-	50480GT	VALVE,COUNTERBALANCE,3800 PSI*	
19-	43018GT	SEAL KIT (39345) for 50480	

507.1 Jib Platform Leveling



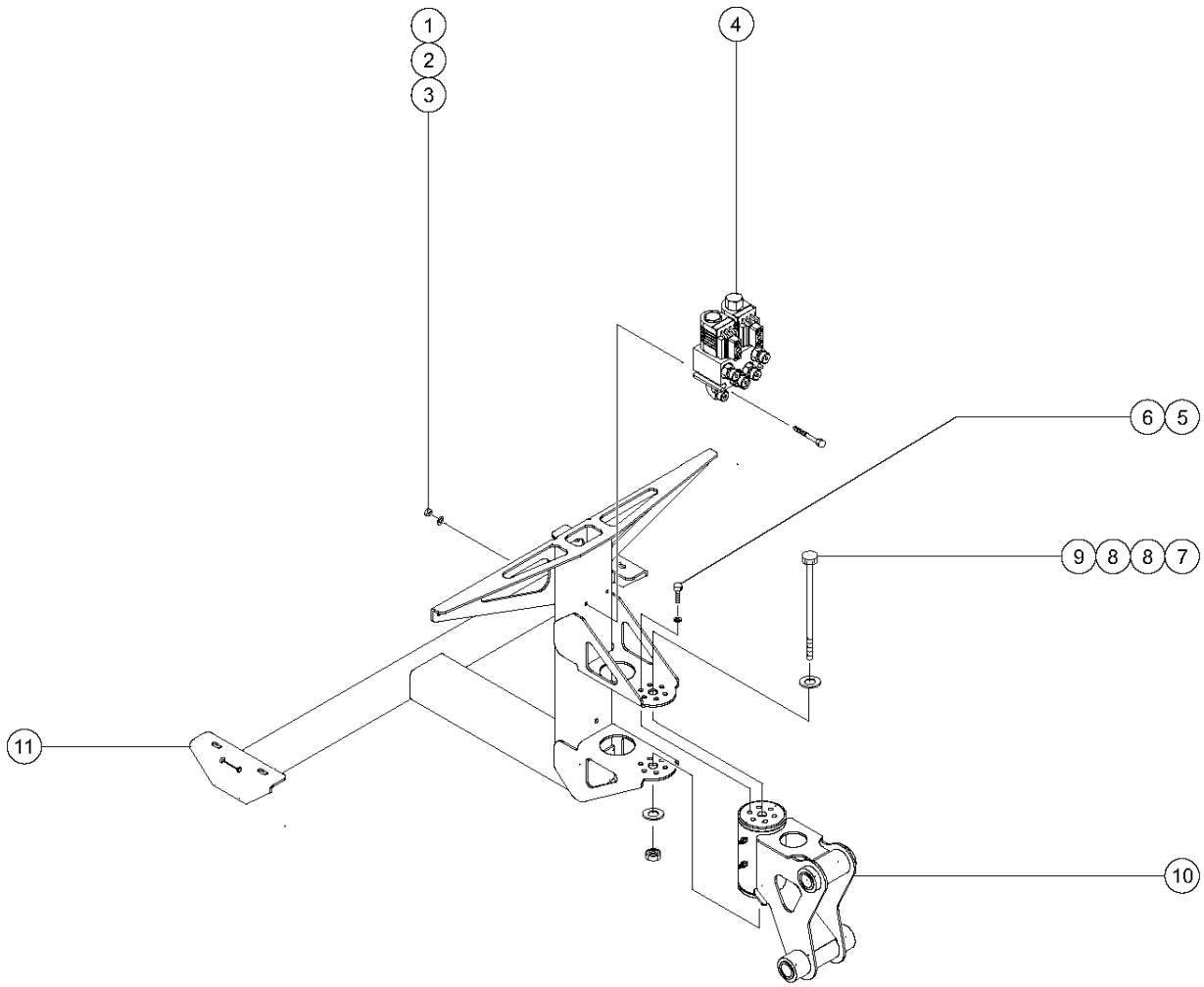
Item	Part No.	Description	Qty.
20	25683GT	BEARING,POLYGON,20DU12	
21A	50676GT	ROTATOR,PLAT,JIB,Z45/25J*** includes item 22; to SN 16934 (limited inventory; component no longer available)	1
21A-	65842GT	SEAL KIT,UNIVERSAL,9K ROTATOR* for 50676	1
21A-	13852GT	VALVE ASSY,BLEED***	1
21A-	31498GT	BEARING KIT,ROTATOR,9K***	1
21B	233715GT	ROTATOR,PLAT,Z45J/Z51J includes item 22; from SN 16935 to 26999	1
21B-	62509GT	SEAL KIT,ROTATOR*** for 54368	1
21B-	13852GT	VALVE ASSY,BLEED*** for 54368	1
21B-	83042GT	BEARING KIT,ROTATOR,4.5K*** for 54368	1
21B-	147369GT	SEAL AND BRG KIT,4.5K ROTATOR* for PN 94401	1
21B-	88516GT	SCREW,BLEEDER,M5X0.8 for PN 94401	2
21B-	233745GT	SEAL AND BRG KIT, 4.5K ROTATOR for PN 233745	
21B-	88516GT	SCREW,BLEEDER,M5X0.8 for PN 233745	
22	30222GT	BEARING,FL,1.25IDX1.41ODX1.50L	4
23A	43166GT	MANIFOLD,ASSY DUAL CNTRBAL. to SN 15944	1
23A-	39345GT	VALVE,COUNTERBAL.CBCA-LHN@3000	2
23A-	43018GT	SEAL KIT (39345)	1
23B	56929GT	MANIFOLD,ROTATOR,180 DEG.*** from SN 15945 to SN 19756	1
23B-	62506GT	VALVE - COUNTERBALANCE**	2
23B-	43018GT	SEAL KIT (39345)	1
23C	73807GT	MANIFOLD,ROTATOR,CB*** from SN 19757	1
23C-	62506GT	VALVE - COUNTERBALANCE**	2
23C-	43018GT	SEAL KIT (39345)	1
24	8915GT	SCREW, HHC, 1/4-20 X 1.25	
25	6356GT	WASHER, LOCK, .25	
26	81175GT	PIN,1.25DIAX14.45LG,2HOLE	
27A	77363GT	CYLINDER,LEVELING,BELLCRANK,Z-45 to SN 19867; Upgrade Service Kit required for first-time replacement (includes master and slave cylinders). After first-time replacement, refer to 77363 below.	
27A-	52745GT	SEAL KIT,50337,50353 CYLINDER for cylinder 50353	

507.1 Jib Platform Leveling



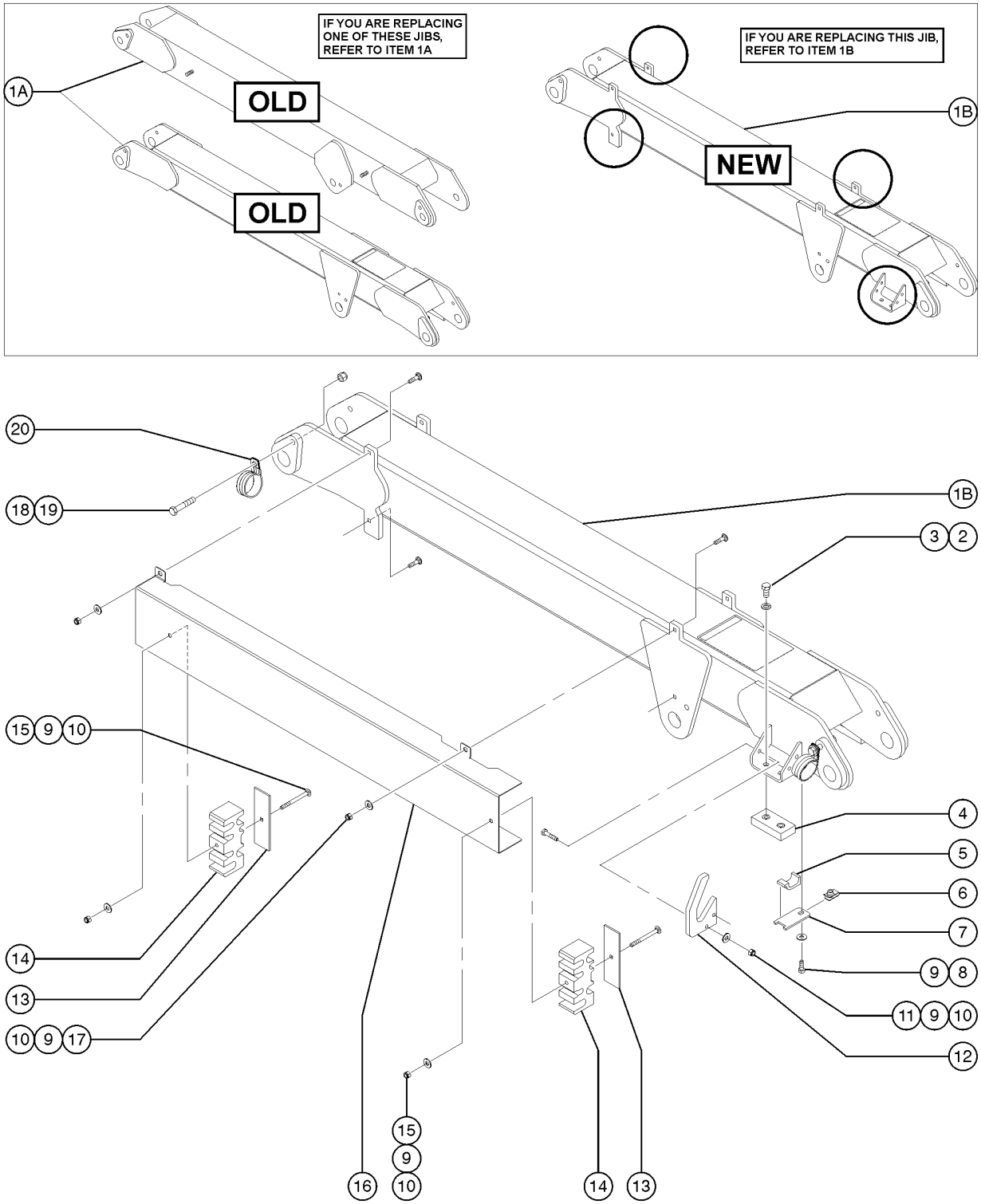
Item	*Part No.*	*Description*	*Qty.*
27A-	54065GT	VALVE,COUNTERBALANCE,3500***	
27B	77363GT	CYLINDER,LEVELING,BELLCRANK,Z-45 from SN 19868 (includes item 31)	
27B-	77364GT	SEAL KIT, LEVELING CYLINDER for cylinder 77363	
27B-	54065GT	VALVE,COUNTERBALANCE,3500***	
28	T108075GT	PIN,1.25DIAX5.25LG,1HOLE	
29	34245GT	BEARING,1.25IDX1.50X1.25L	
30	50466-SGT	BELLCRANK,JIB,WELD/Z45/25*** includes item 29	
31	25683GT	BEARING,POLYGON,20DU12	

508.1 Jib Platform Rotation



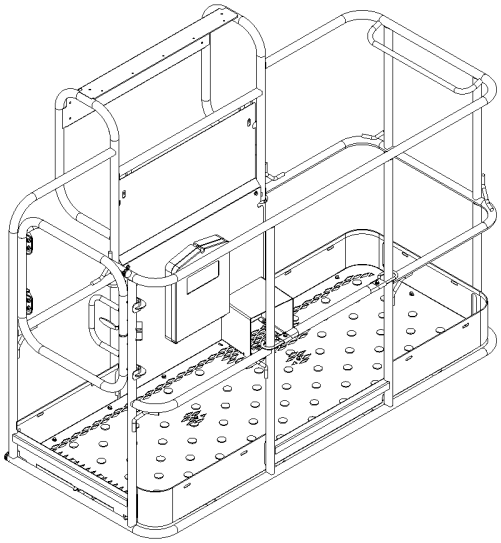
Item	Part No.	Description	Qty.
1	6091GT	NUT,NYLOCK,1/4-20	
2	6638GT	WASHER, FLAT, USS, 1/4"Y	
3	36294GT	SCREW,HHC,1/4-20 X 2.75	
4		Ref. Jib Manifold (refer to 704.1)	
5	77692GT	SCREW,HHC,3/8-16 X 1 GRD 8	8
6	6021GT	WASHER, LOCK, .375	
7	56925GT	SCREW,HHC,3/4-10 X 9.5 GR 8 YE	1
8	33278GT	WASHER, FLAT, .75 HARDENED	
9	77051GT	NUT,NYLOCK,3/4-10,GRD.8	
10		Ref., Jib Platform Rotator (refer to 507.1)	
11A	50293-SGT	WELD. PLAT. SUPPORT,JIB** from SN 9996 to 16934	
11B	54510-SGT	WELDMENT,PLATFORM SUPPORT from SN 16935 to 26999; for models with the Load Sense option, refer to 907.1	

509.1 Jib Detail

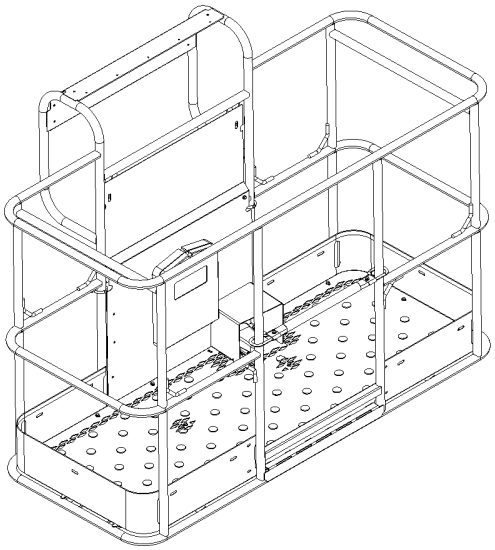


509.1 Jib Detail

Item	Part No.	Description	Qty.
1A	128513GT	SERVICE KIT,5FT JIB required for first time replacement (includes part number 128534)	
1B	128534GT	JIB BOOM ASSY W/WORD DECAL use ONLY if service kit 128513 has been installed on the machine	1
2	8255GT	SCREW,HHC,3/8-16 X .75	
3	6021GT	WASHER, LOCK, .375	
4	81640GT	WEAR PAD,3 X 1.5 X.625 W/NUTS	1
5	119542GT	CLAMP,TWO HOSE	1
6	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	1
7	119536PGT	BRACKET,HOSE CLAMP,PAINTED	1
8	6090GT	SCREW, HHC, 1/4-20 X .75	
9	6638GT	WASHER, FLAT, USS, 1/4"Y	
10	6091GT	NUT,NYLOCK,1/4-20	
11	8915GT	SCREW, HHC, 1/4-20 X 1.25	
12	128482GT	HOSE GUIDE, JIB	1
13	128483GT	BACKING PLATE, HOSE BLOCK, JIB	2
14	128510GT	CLAMP,JIB HOSE/CABLE,Z45/51	2
15	128724GT	BOLT,CARRIAGE,1/4-20 X 2.75,G2	
16	128454PGT	COVER, JIB HOSES/CABLES	1
17	79456GT	BOLT,CARRIAGE,1/4-20 X 1.00,G2	
18	5224GT	SCREW,HHC,3/8-16 X 2	
19	4828GT	NUT, NYLOCK, 3/8-16	
20	77181GT	CLAMP,1.63,#26 X 3/8,RUB CUSH	2



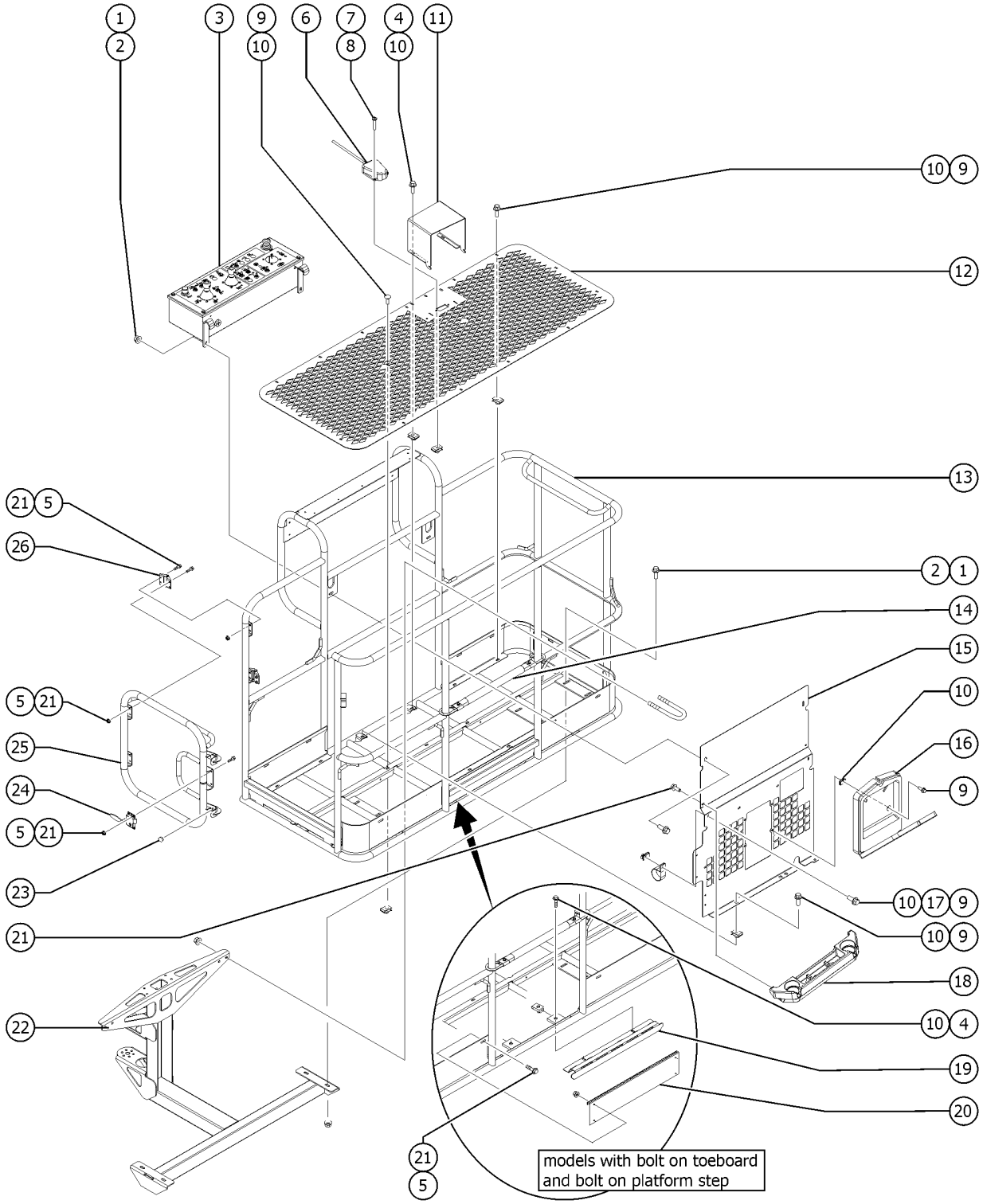
(1) Side Swing Gate Platform



(2) Front Single Entry Platform

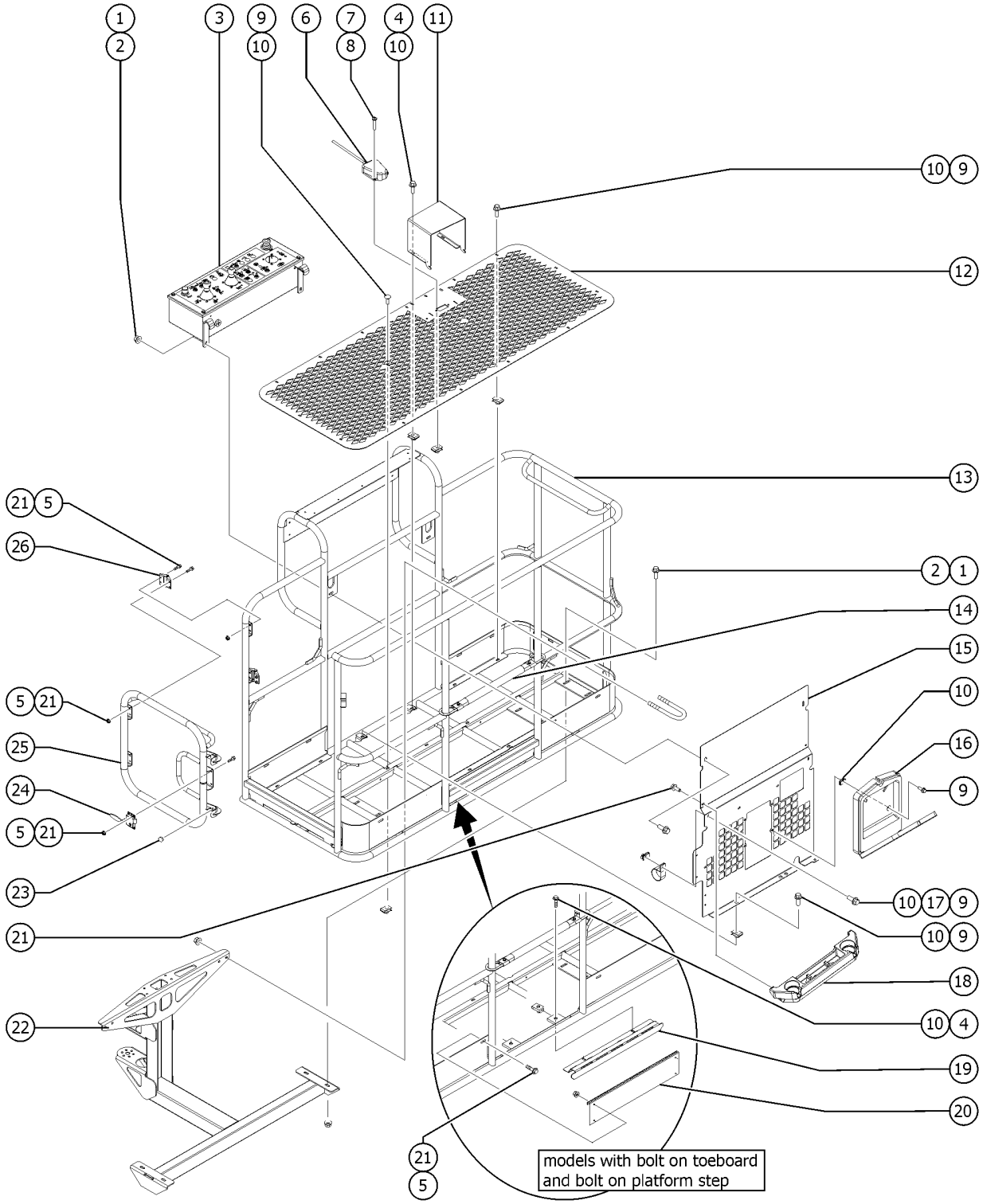
Item	Part No.	Description	Qty.
-		Complete Platform Assemblies with Decals	
A	1275393GT	PLAT ASSY,6' W/SIDE GATE,Z45DC/BI ANSI WORD USA and Canadian models	
B	1275394GT	PLAT ASSY,6' W/SIDE GATE,Z45DC/BI AUS Australian models	
C	1275395GT	PLAT ASSY,6' W/SIDE GATE,Z45/51 CE European models	
D	1275396GT	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



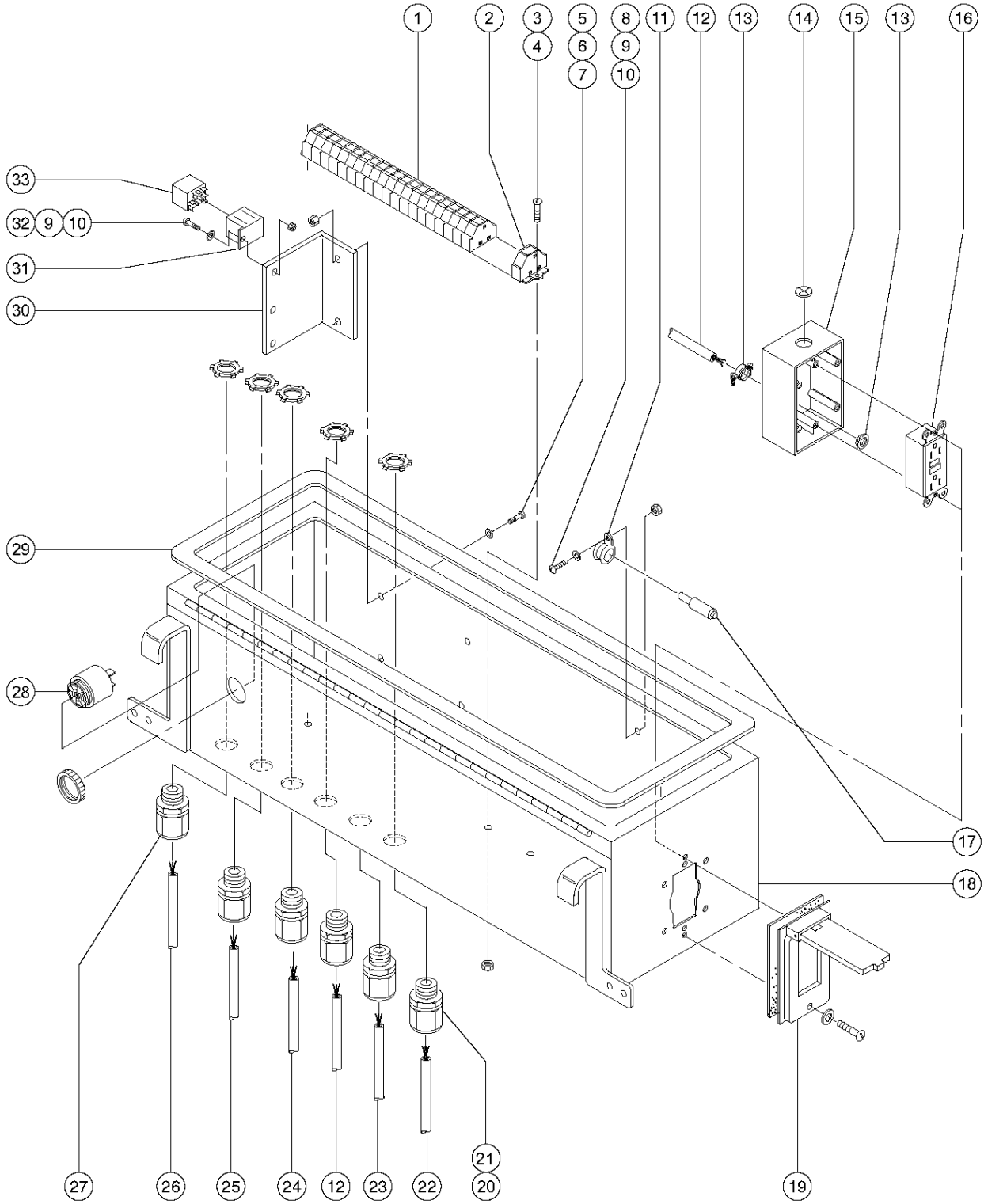
Item	Part No.	Description	Qty.
1	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	
2	824090GT	SCREW,HHF,3/8-16X1,8,ZAG	
3		Ref. Platform Control Box (refer to 602.1 and 603.1)	
4	824124GT	BOLT, CARRIAGE, 1/4-20 X .75, 5, ZAG	
5	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	
6	73233GT	ASSEMBLY,FOOT SWITCH***	
-	60428GT	CONN, PLUG 4WAY, 14-18GA	
-	73739GT	BOOT,PLUG 4 WAY	
-	43960GT	WIRE CABLE,16/4 CON.TPE JKT	61 inches
-	20262GT	MICROSWITCH,13482 FOOTSWITCH	
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	73610GT	STEP PLATFORM ENTRY	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 (refer to 508.1) (jib models)	1
22B		Ref. Platform Support (refer to 506.1) (non-jib models)	1
23	43392GT	BUMPER,BATTERY BOX & RAILS	2
24	1267747GT	LATCH, SWING GATE	1
25	1272307GT	ASSY,SIDE SWING GATE	1
26	104804GT	HINGE, SPRING, LONG LEG	2

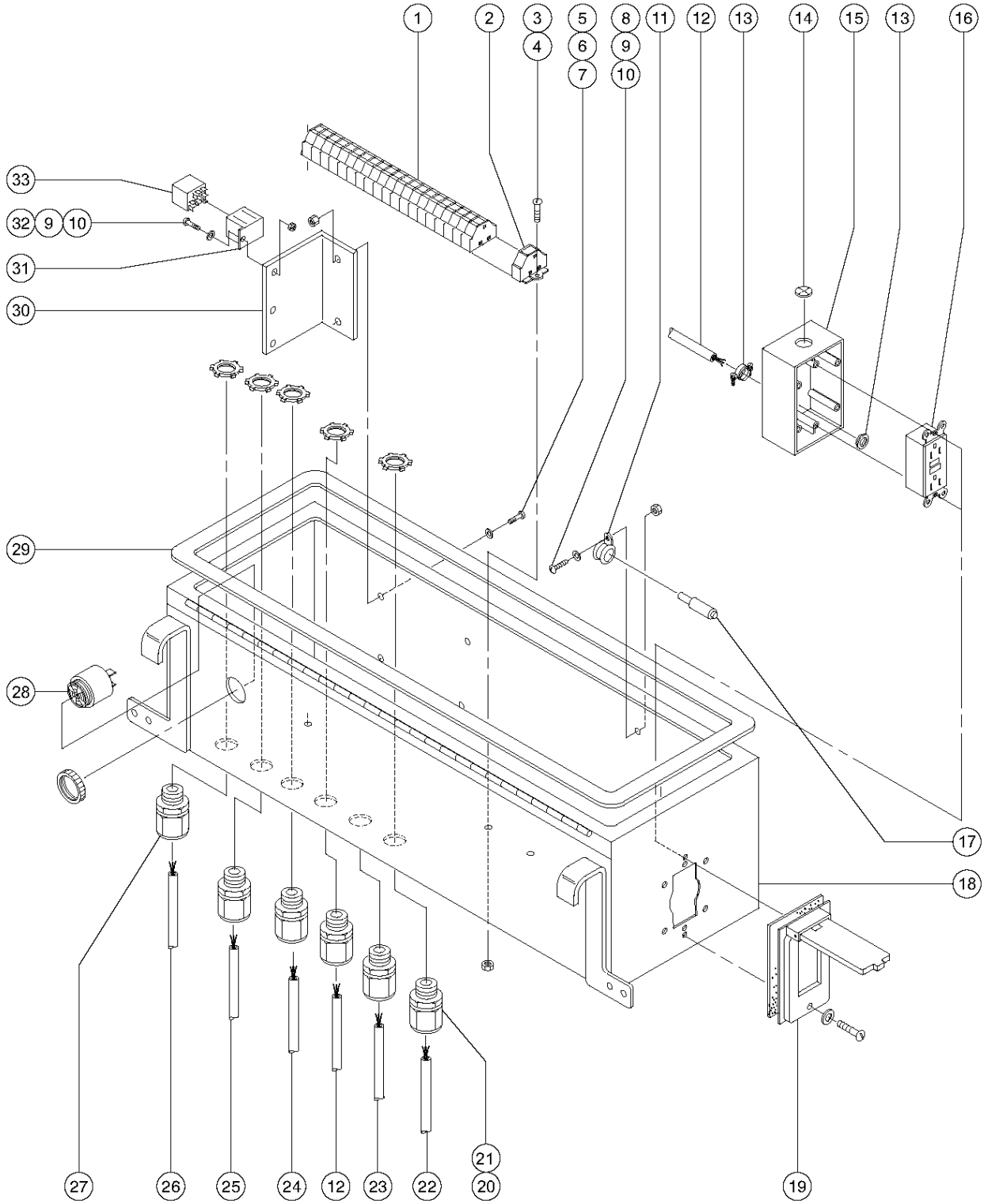
603.1 Platform Controls - View 1 (to SN 22050), Z-45/25



603.1 Platform Controls - View 1 (to SN 22050), Z-45/25

Item	Part No.	Description	Qty.
A	119867GT	WIRING KIT,JIB TIME DELAY IC	
A-	43181GT	CAPACITOR,TIME DELAY	
A-	19274GT	RELAY,SPDT,12V(AUTO)**	
1	32637GT	TERMINAL BLOCK,WAGO	43
1-	32638GT	TERMINAL BLOCK,WAGO	2
2	32639GT	END PLATE,WAGO	1
3	49820GT	SCREW,PHILLIPS,PHM,6-32 X .5	
4	12344GT	NUT,NYLOCK,6-32	
5	8914GT	SCREW, HHC, 1/4-20 X .625	
6	6356GT	WASHER, LOCK, .25	
7	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD	
8	49819GT	SCREW,PHILLIPS,PHM,10-32 X .5	
9	6146GT	WASHER,FLAT,MS,#10,Y	
10	6178GT	NUT, NYLOCK, 10-32	
11	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH	
12	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT*	778
13	6622GT	GROUND CONNECTOR,1/2"	
14	8843GT	COVER,KNOCK OUT HOLE,4 PER BAG	
15	10775GT	T-BOX, 2.75 X 4.5 X 2.0**	
16	13585GT	OUTLET, 110V	
16-	33629GT	PLATE,UK POWER TO PLATFORM	
16-	33724GT	KIT,GASKET,UK POWER TO PLAT	
17	43181GT	CAPACITOR,TIME DELAY	
18	62134-SGT	CONTROL BOX ASSY/PLAT-45/25 includes item 29	
19	45437GT	COVER,GFCI,WEATHERPROOF includes mounting fasteners	
20	7057GT	CONN. SQZ,1/2NPT .39-.56 MED.	
21	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	
22	43957-8300GT	WIRE CABLE,14GA/4 CON.TPE JKT	

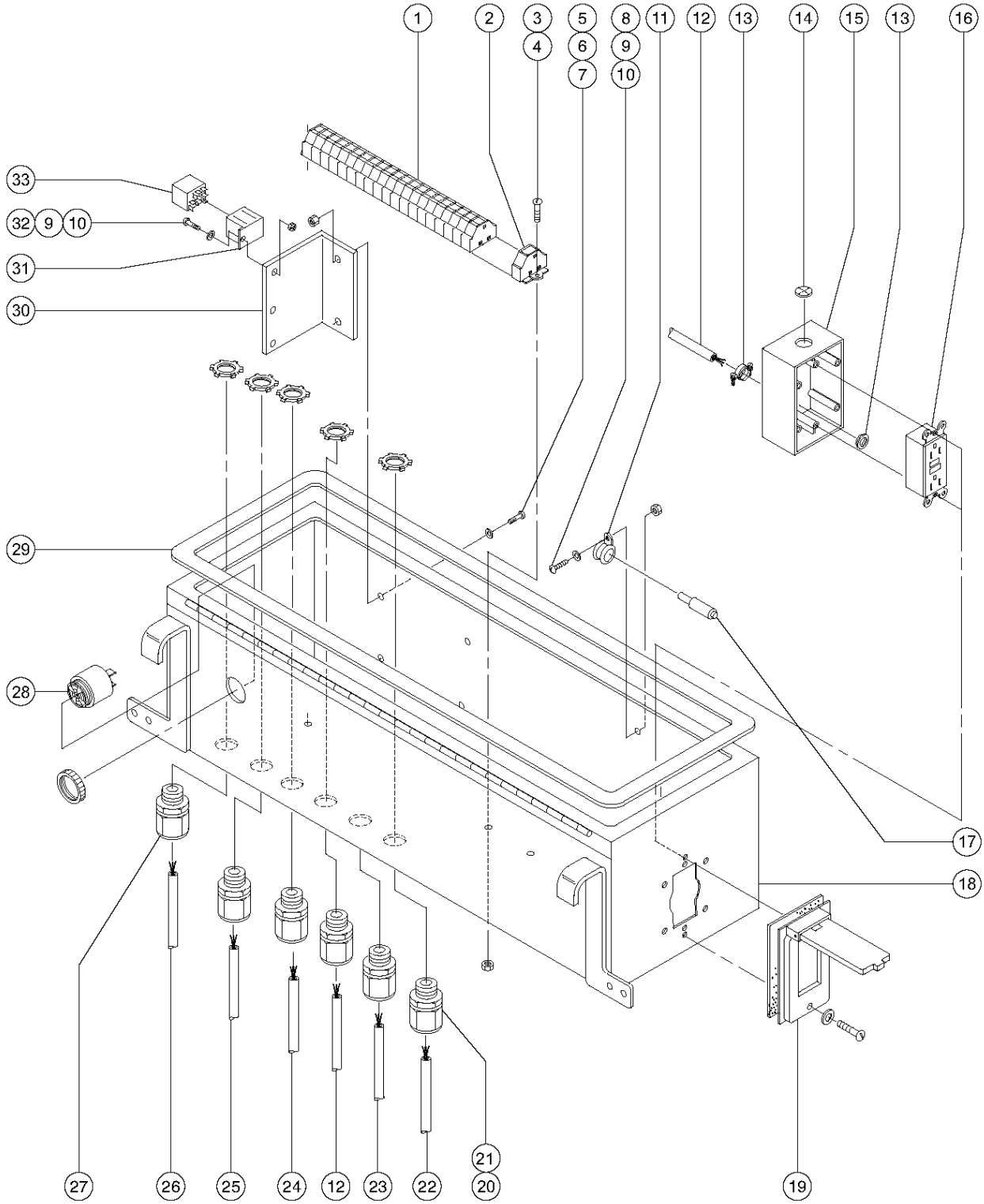
603.1 Platform Controls - View 1 (to SN 22050), Z-45/25



603.1 Platform Controls - View 1 (to SN 22050), Z-45/25

Item	Part No.	Description	Qty.
23A	15243GT	PLUG,NYLON .875 BLACK DOMED (Z45/25)	
24	35934GT	WIRE CABLE,18/19 CON.TPRJKT	733
25	35934GT	WIRE CABLE,18/19 CON.TPRJKT	804
26	35934GT	WIRE CABLE,18/19 CON.TPRJKT	804
27	12960GT	CABLE SQUEEZE CONN.,XTRA LRG	
28	45383GT	ALARM,WARBLE TONE 5-30 VDC*** (does not include 72326 nut)	
28-	72326GT	NUT - PLASTIC, RING FOR ALARMS	
29	27115GT	GASKET,UPPER CONTROL BOX	
30	52945-SGT	RELAY MOUNT ASSY includes item 7	
31	34053GT	ASSY,RELAY SOCKET, AUTO	
31-	34054GT	TERM,RELAY N-INSULATED 10-12 G	
31-	34055GT	TERM RELAY,N-INSULATE 14-16 GA	
31-	34056GT	TERM,RELAY,N-INSULATE 18-20 GA	
32	49826GT	SCREW,PHILLIPS,PHM,10-32 X.625	
33	56302GT	RELAY,24VDC,40/30A,SEALED***	

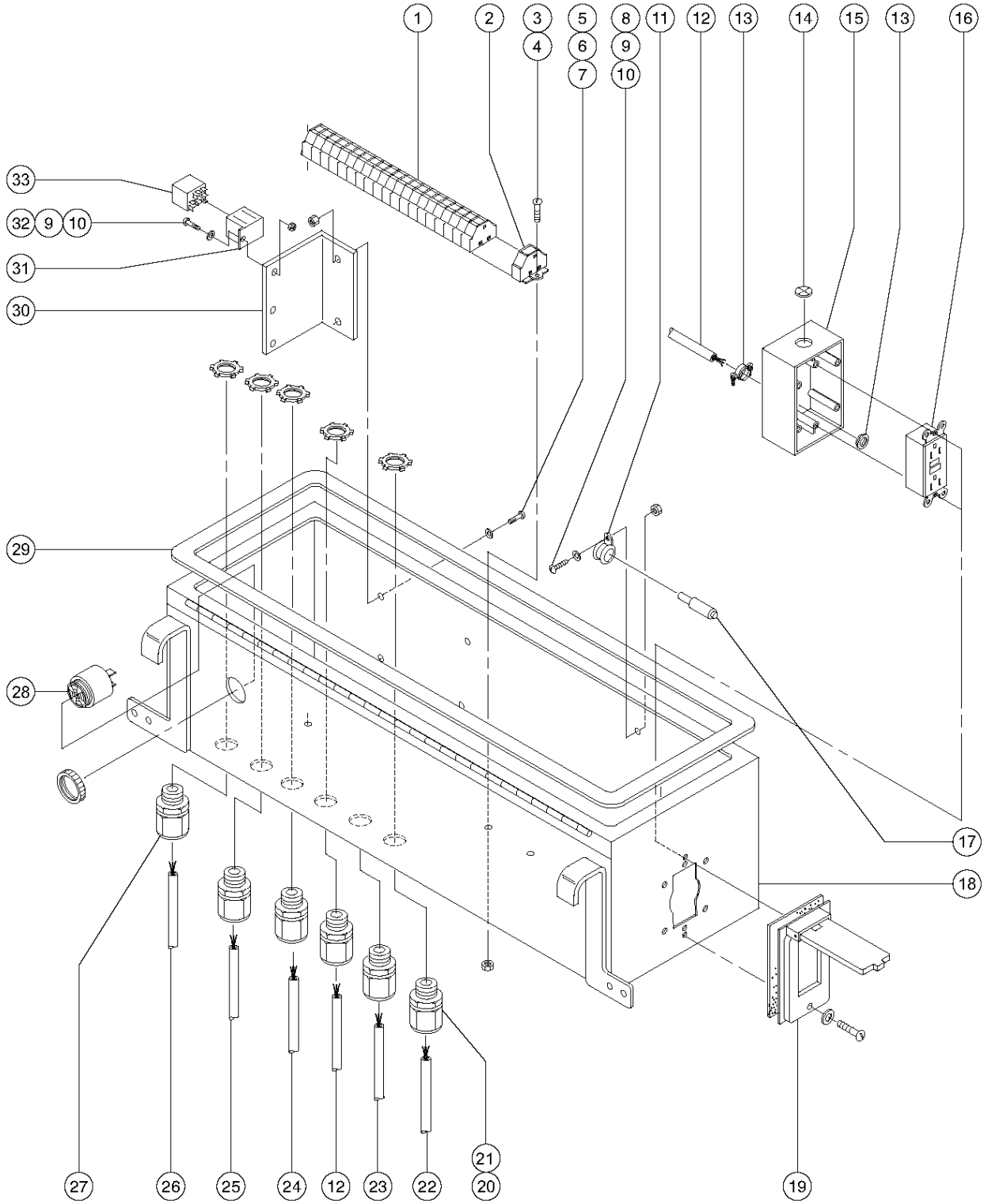
603.2 Platform Controls - View 1 (to SN 22050), Z-45/25J



603.2 Platform Controls - View 1 (to SN 22050), Z-45/25J

Item	Part No.	Description	Qty.
A	119867GT	WIRING KIT,JIB TIME DELAY IC	
A-	43181GT	CAPACITOR,TIME DELAY	
A-	19274GT	RELAY,SPDT,12V(AUTO)**	
1	32637GT	TERMINAL BLOCK,WAGO	43
1-	32638GT	TERMINAL BLOCK,WAGO	2
2	32639GT	END PLATE,WAGO	1
3	49820GT	SCREW,PHILLIPS,PHM,6-32 X .5	
4	12344GT	NUT,NYLOCK,6-32	
5	8914GT	SCREW, HHC, 1/4-20 X .625	
6	6356GT	WASHER, LOCK, .25	
7	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD	
8	49819GT	SCREW,PHILLIPS,PHM,10-32 X .5	
9	6146GT	WASHER,FLAT,MS,#10,Y	
10	6178GT	NUT, NYLOCK, 10-32	
11	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH	
12	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT*	778
13	6622GT	GROUND CONNECTOR,1/2"	
14	8843GT	COVER,KNOCK OUT HOLE,4 PER BAG	
15	10775GT	T-BOX, 2.75 X 4.5 X 2.0**	
16	13585GT	OUTLET, 110V	
16-	33629GT	PLATE,UK POWER TO PLATFORM	
16-	33724GT	KIT,GASKET,UK POWER TO PLAT	
17	43181GT	CAPACITOR,TIME DELAY	
18	62134-SGT	CONTROL BOX ASSY/PLAT-45/25 includes item 29	
19	45437GT	COVER,GFCI,WEATHERPROOF includes mounting fasteners	
20	7057GT	CONN. SQZ,1/2NPT .39-.56 MED.	
21	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	
22	43957-8300GT	WIRE CABLE,14GA/4 CON.TPE JKT	

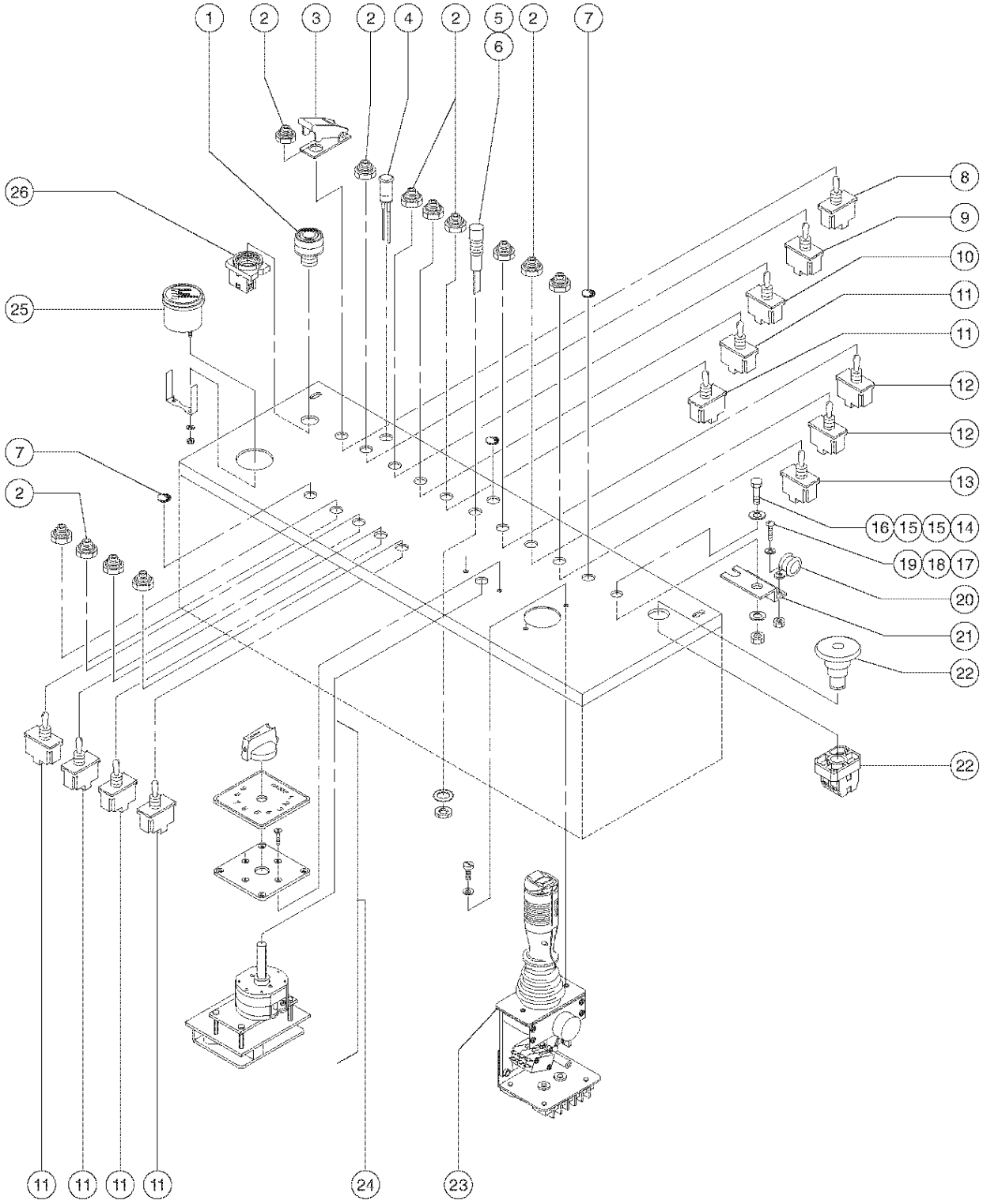
603.2 Platform Controls - View 1 (to SN 22050), Z-45/25J



603.2 Platform Controls - View 1 (to SN 22050), Z-45/25J

Item	Part No.	Description	Qty.
23B	43956GT	WIRE CABLE, 14/GA/3 CON. TPE JKT* (Z45/25J)	778
24	35934GT	WIRE CABLE,18/19 CON.TPRJKT (Z45/25J)	733
25	35934GT	WIRE CABLE,18/19 CON.TPRJKT	804
26	35934GT	WIRE CABLE,18/19 CON.TPRJKT	804
27	12960GT	CABLE SQUEEZE CONN.,XTRA LRG	
28	45383GT	ALARM,WARBLE TONE 5-30 VDC*** order 72326 retainer nut separately	
29	27115GT	GASKET,UPPER CONTROL BOX	
30	52945-SGT	RELAY MOUNT ASSY includes item 7	
31	34053GT	ASSY,RELAY SOCKET, AUTO	
31-	34054GT	TERM,RELAY N-INSULATED 10-12 G	
31-	34055GT	TERM RELAY,N-INSULATE 14-16 GA	
31-	34056GT	TERM,RELAY,N-INSULATE 18-20 GA	
32	49826GT	SCREW,PHILLIPS,PHM,10-32 X.625	
33	56302GT	RELAY,24VDC,40/30A,SEALED***	

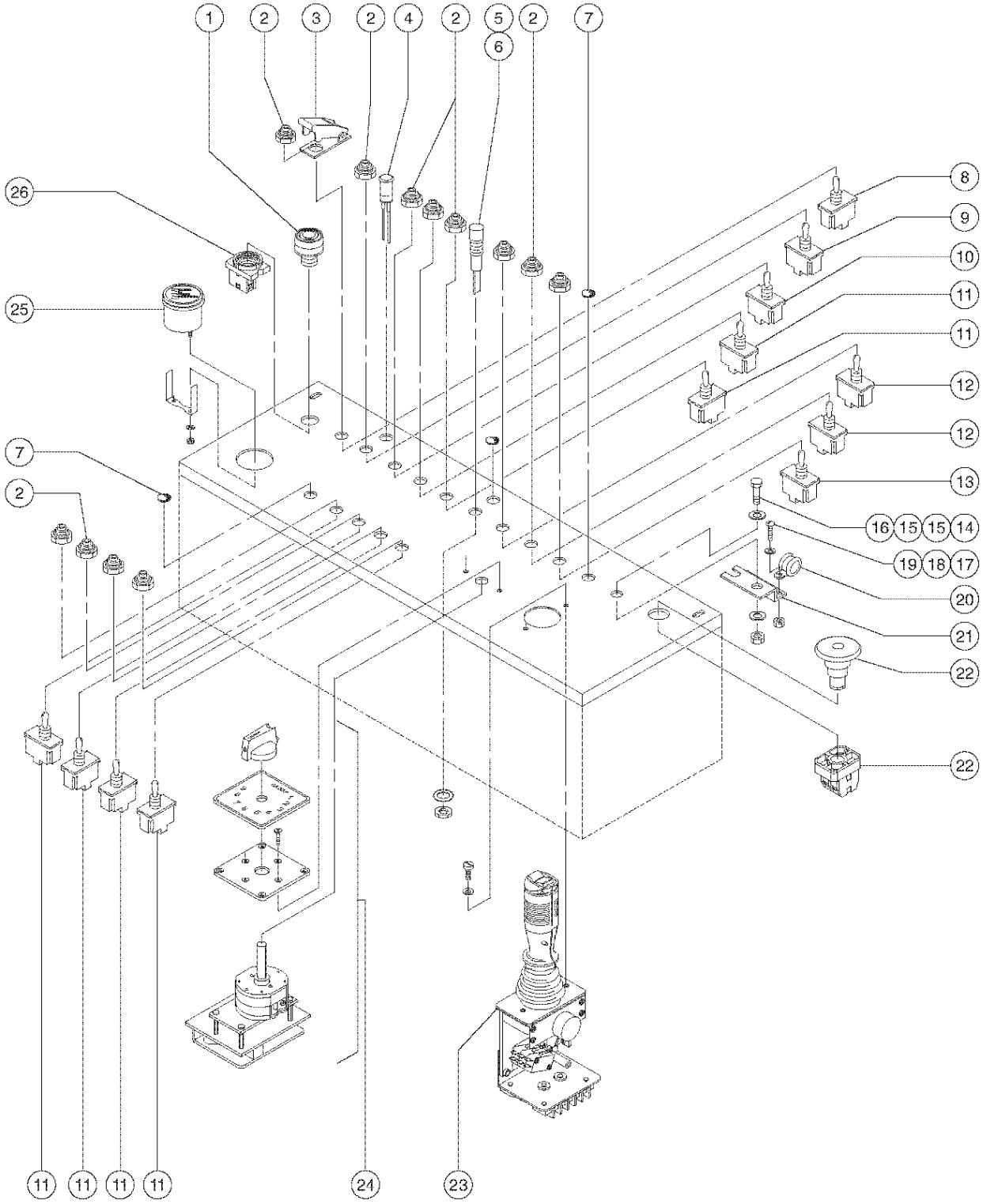
604.1 Platform Controls - View 2 (to SN 22050), Z-45/25



604.1 Platform Controls - View 2 (to SN 22050), Z-45/25

Item	Part No.	Description	Qty.
1	122513GT	KIT,HORN SVC BB&SM BOOM	
2	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
3	13471GT	COVER, AUXILIARY POWER SWITCH	
4	42725GT	LIGHT,INDICATOR,RED 28V (includes mounting fasteners)	
5	824878GT	LIGHT,LED IND. RED 24V NH (includes mounting fasteners)	
6	6700GT	WASHER, STAR, EXTERNAL, .375	
7	45384GT	PLUG,NYLON .50 BLACK DOMED	
8	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM	
8-	128581-SGT	SWITCH TOGGLE DPDT 2P MOM SHDR	
8-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
8-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
9	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	
9-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
9-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
9-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
10A	45384GT	PLUG,NYLON .50 BLACK DOMED (Z45/25)	
11	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	
11-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
11-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
11-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
12	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM (Bi-Energy only)	
12-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
12-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
12-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
13	128206GT	SWITCH TOGGLE ASSY DPDT 3P MNT (Bi-Energy only)	
13-	128586GT	SWITCH TOGGLE DPDT 3P MNT SHDR	
13-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
13-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	

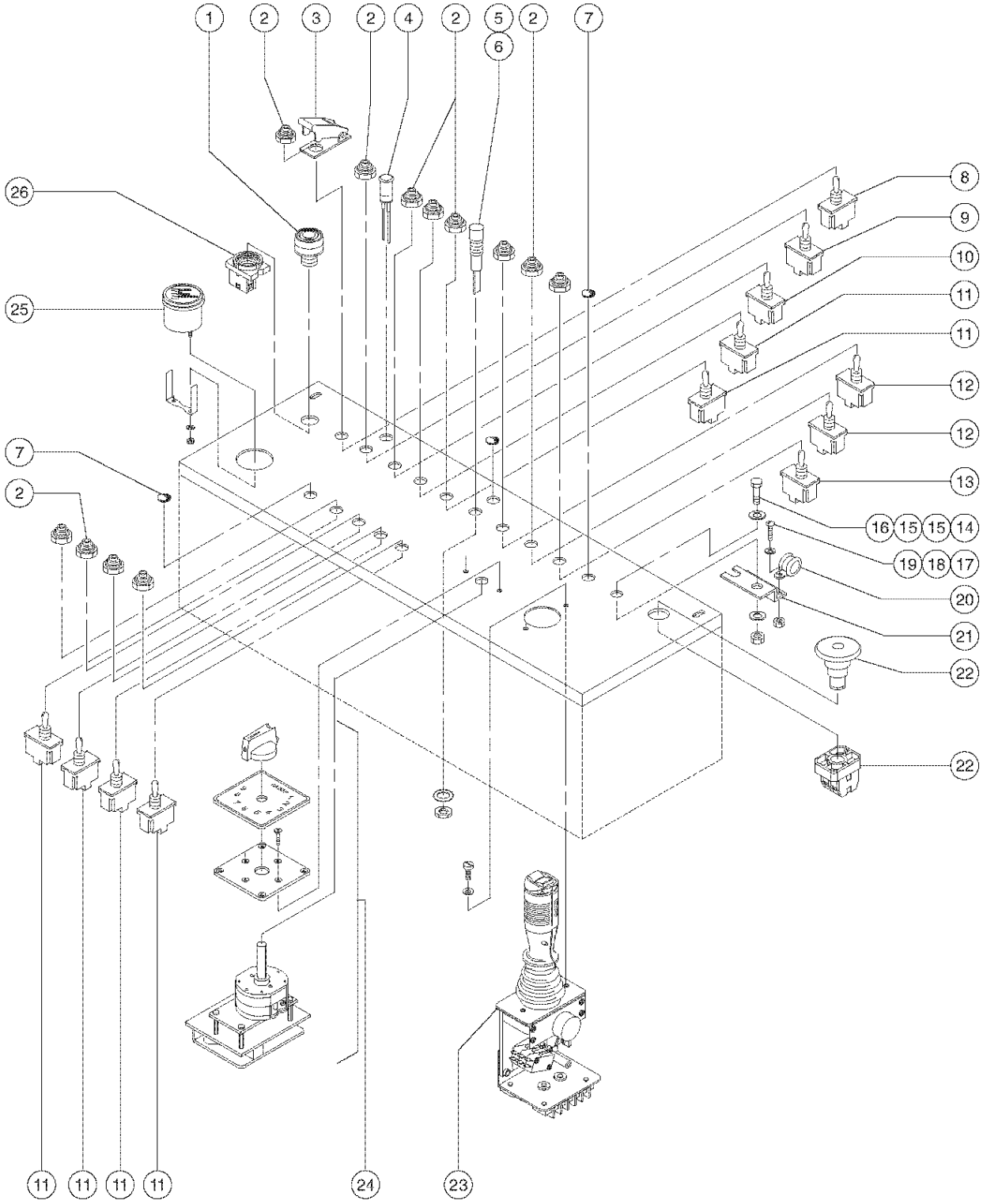
604.1 Platform Controls - View 2 (to SN 22050), Z-45/25



604.1 Platform Controls - View 2 (to SN 22050), Z-45/25

Item	Part No.	Description	Qty.
14	8914GT	SCREW, HHC, 1/4-20 X .625	
15	6638GT	WASHER, FLAT, USS, 1/4"Y	
16	6889GT	NUT,LP NYLOCK,1/4-20	
17	49819GT	SCREW,PHILLIPS,PHM,10-32 X .5	
18	6146GT	WASHER,FLAT,MS,#10,Y	
19	6178GT	NUT, NYLOCK, 10-32	
20	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH	
21	54525GT	BRACKET-PANEL-WIRE MOUNTING 99	
22	122514GT	KIT,ESTOP SVC BB&SM BOOM	
22-	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	
22-	66821GT	BASE,WITHOUT CONTACTS	
22-	66818GT	CONTACT,NC	
23		Ref., JOYSTICK from SN 9996 to 14078; refer to 605.1	
23		Ref., JOYSTICK from SN 14079 to 22050; refer to 606.1	
24	36557GT	ROTATIONAL CONTROLLER,24V*** refer to 607.1	
25	237145GT	IND,BAT CHARGE,48V LEAD-ACID	
26	66815GT	BASE, W/1 N.O. CONTACTS***	
26-	66816GT	CONTACT,N.O.***	

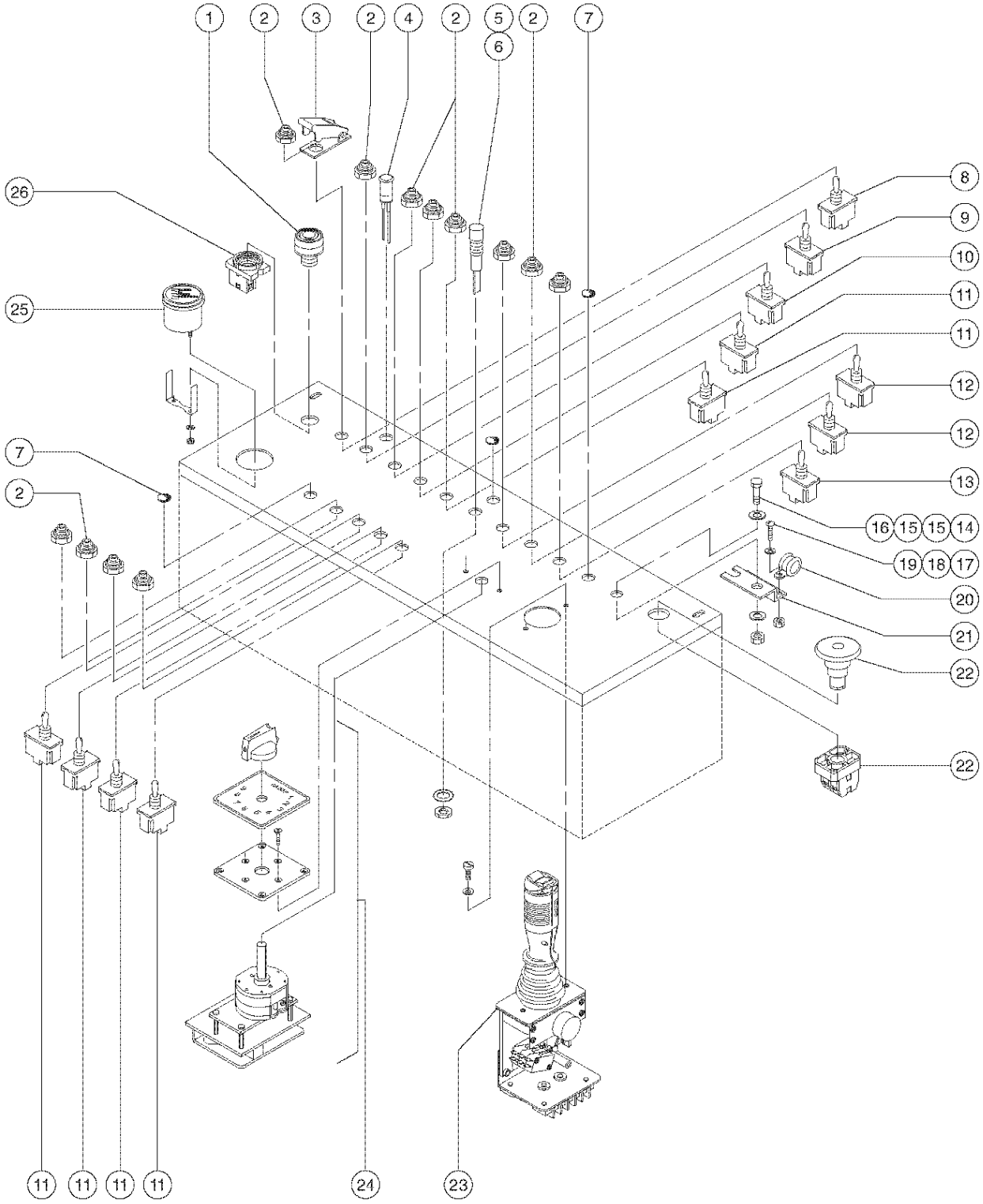
604.2 Platform Controls - View 2 (to SN 22050), Z-45/25J



604.2 Platform Controls - View 2 (to SN 22050), Z-45/25J

Item	Part No.	Description	Qty.
1	122513GT	KIT,HORN SVC BB&SM BOOM	
2	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
3	13471GT	COVER, AUXILIARY POWER SWITCH	
4	42725GT	LIGHT,INDICATOR,RED 28V (includes mounting fasteners)	
5	82487GT	DECAL,SYMBOL-READ THE MANUAL (includes mounting fasteners)	
6	6700GT	WASHER, STAR, EXTERNAL, .375	
7	45384GT	PLUG,NYLON .50 BLACK DOMED	
8	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM	
8-	128581-SGT	SWITCH TOGGLE DPDT 2P MOM SHDR	
8-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
8-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
9	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	
9-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
9-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
9-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
10B	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM (Z45/25J)	
10B-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
10B-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
10B-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
11	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM	
11-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
11-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
11-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
12	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM (Bi-Energy only)	
12-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
12-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
12-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
13	128206GT	SWITCH TOGGLE ASSY DPDT 3P MNT (Bi-Energy only)	

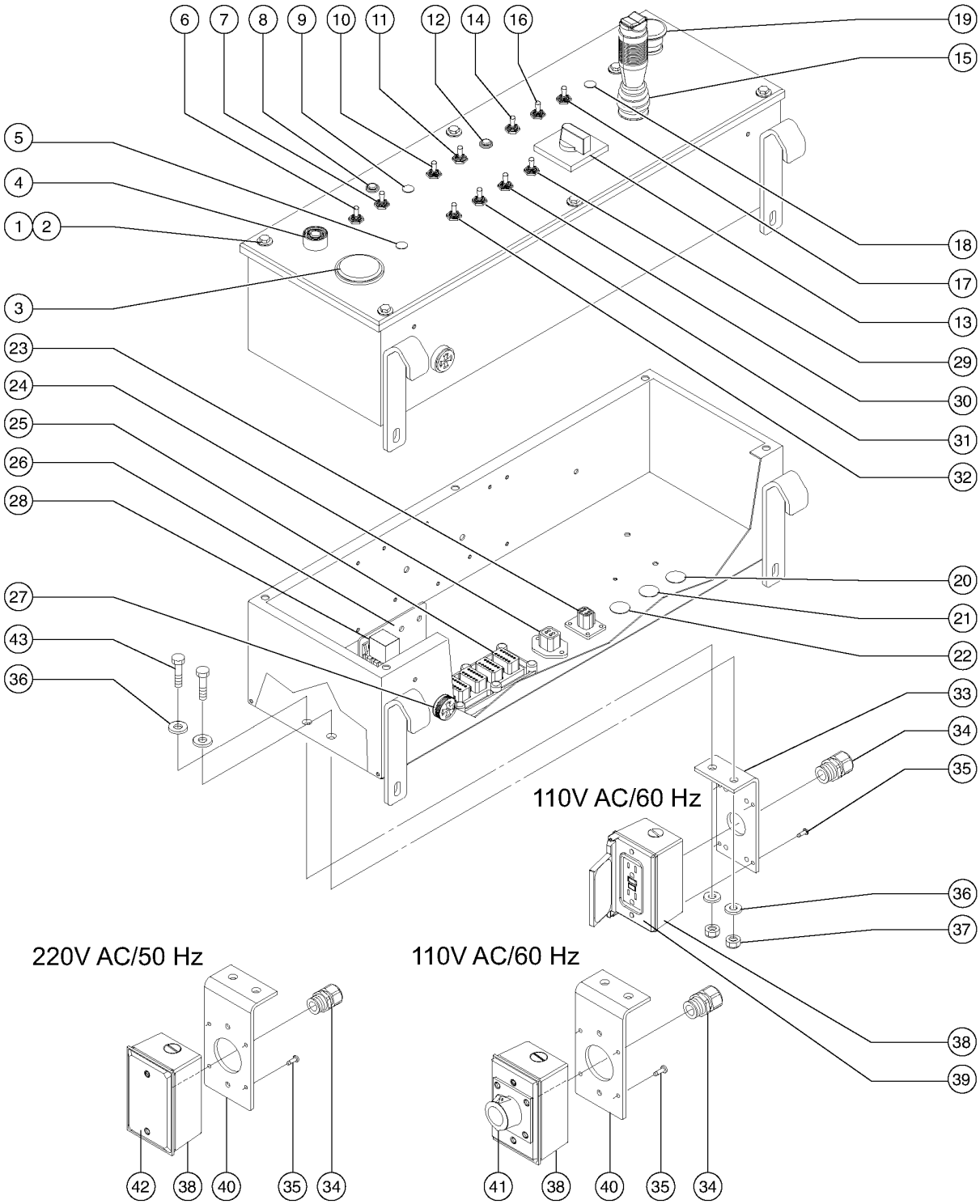
604.2 Platform Controls - View 2 (to SN 22050), Z-45/25J



604.2 Platform Controls - View 2 (to SN 22050), Z-45/25J

Item	Part No.	Description	Qty.
13-	128586GT	SWITCH TOGGLE DPDT 3P MNT SHDR	
13-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
13-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
14	8914GT	SCREW, HHC, 1/4-20 X .625	
15	6638GT	WASHER, FLAT, USS, 1/4"Y	
16	6889GT	NUT,LP NYLOCK,1/4-20	
17	49819GT	SCREW,PHILLIPS,PHM,10-32 X .5	
18	6146GT	WASHER,FLAT,MS,#10,Y	
19	6178GT	NUT, NYLOCK, 10-32	
20	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH	
21	54525GT	BRACKET-PANEL-WIRE MOUNTING 99	
22	122514GT	KIT,ESTOP SVC BB&SM BOOM	
22-	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	
22-	66821GT	BASE,WITHOUT CONTACTS	
22-	66818GT	CONTACT,NC	
23		Ref., JOYSTICK,20K-0 OHM W/SPRING (refer to 605.1 or 606.1)	
24		Ref., ROTATIONAL CONTROLLER,24V*** (refer to 607.1)	
25	237145GT	IND,BAT CHARGE,48V LEAD-ACID includes mounting bracket	
26	66815GT	BASE, W/1 N.O. CONTACTS***	
26-	66816GT	CONTACT,N.O.***	

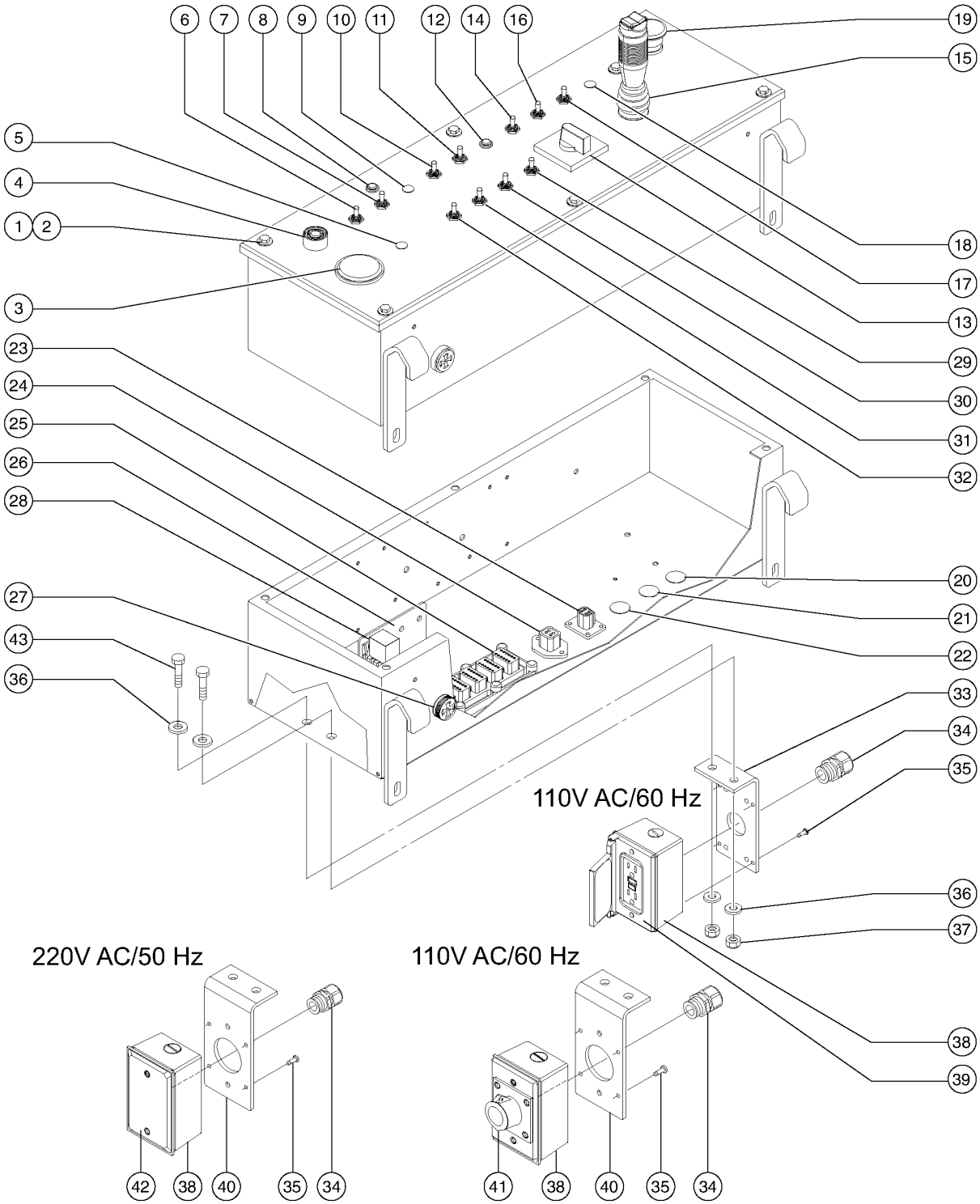
605.1 Platform Controls (from SN 22051), Z-45/25



605.1 Platform Controls (from SN 22051), Z-45/25

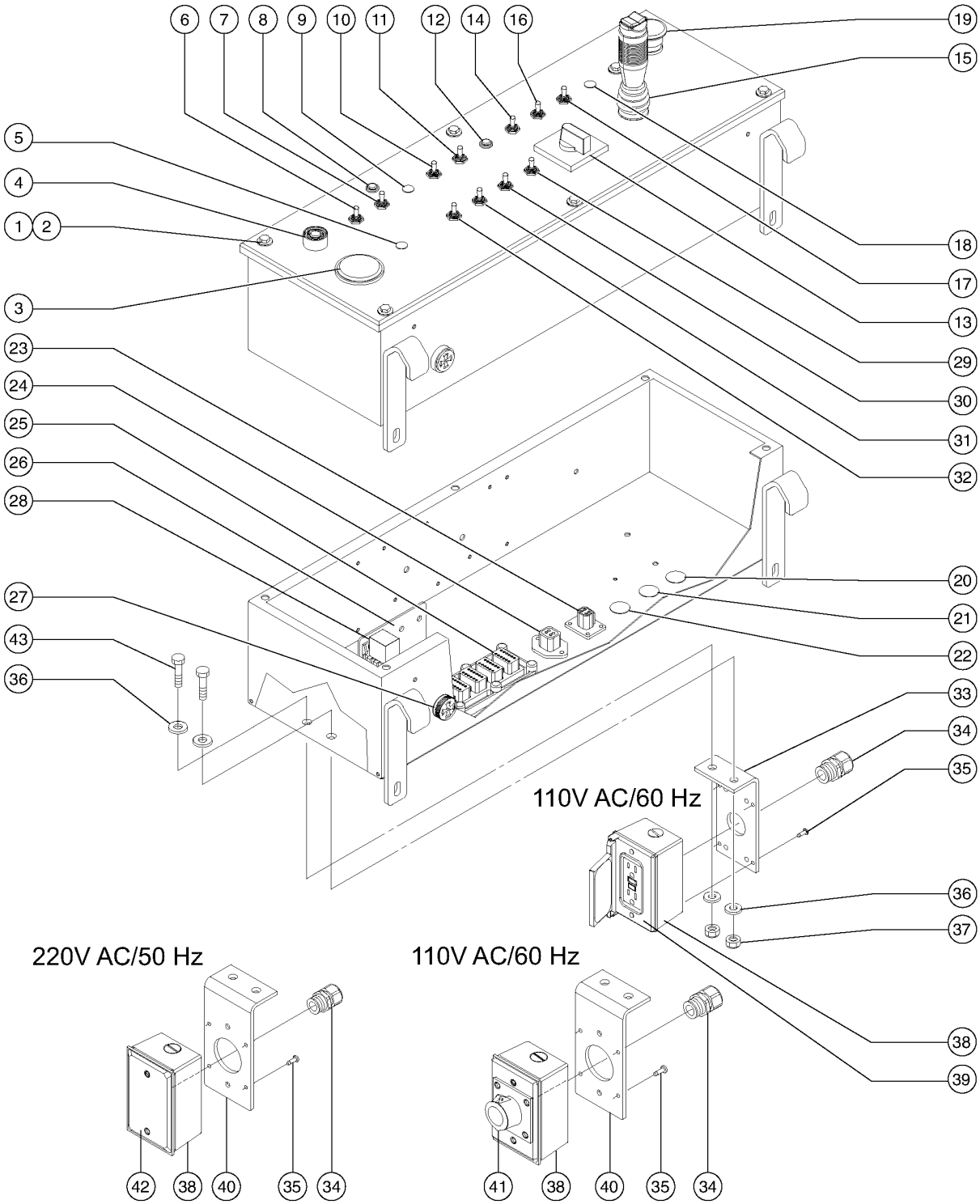
Item	Part No.	Description	Qty.
A	101579GT	PLAT. CONTROL BOX W/DECAL	
B	119867GT	WIRING KIT,JIB TIME DELAY IC	
B-	43181GT	CAPACITOR,TIME DELAY	
B-	19274GT	RELAY,SPDT,12V(AUTO)**	
1	8914GT	SCREW, HHC, 1/4-20 X .625	
2	6638GT	WASHER, FLAT, USS, 1/4"Y	
3	237145GT	IND,BAT CHARGE,48V LEAD-ACID includes mounting bracket	1
4	66813GT	BUTTON,PUSH,BLACK W/SEAL***	
4-	66815GT	BASE, W/1 N.O. CONTACTS***	
4-	66816GT	CONTACT,N.O.***	
5	45384GT	PLUG,NYLON .50 BLACK DOMED	3
6	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM Power Switch	1
6-	128581-SGT	SWITCH TOGGLE DPDT 2P MOM SHDR	
6-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
6-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
7	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Drive Enable	1
7-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
7-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
7-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
8	42725GT	LIGHT,INDICATOR,RED 28V	1
9A	45384GT	PLUG,NYLON .50 BLACK DOMED	
10	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Platform Rotate	1
10-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
10-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
10-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
11	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Platform Level	1
11-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
11-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	

605.1 Platform Controls (from SN 22051), Z-45/25



Item	Part No.	Description	Qty.
11-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
12	824878GT	LIGHT,LED IND. RED 24V NH	
13	36557GT	ROTATIONAL CONTROLLER,24V***	
14	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Glow Plug (Bi-Energy Models)	1
14-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
14-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
14-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
15		JOYSTICK,5K-0 OHM** Refer to 606.1	
16A	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Engine Start (Bi-Energy Models)	1
16A-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
16A-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
16A-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
16B	45384GT	PLUG,NYLON .50 BLACK DOMED (DC Models)	
17	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Engine Idle Select (Bi-Energy Models)	1
17-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
17-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
17-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
18	45384GT	PLUG,NYLON .50 BLACK DOMED	
19	122514GT	KIT,ESTOP SVC BB&SM BOOM	
20	45385GT	PLUG,NYLON 1.12 BLACK DOMED	
21	45385GT	PLUG,NYLON 1.12 BLACK DOMED	
22	45385GT	PLUG,NYLON 1.12 BLACK DOMED	
23	73723GT	CONN RECEPT,FLANGED	
23-	54259GT	TERM,NI PIN, 14-16GA,BULK	
23-	60443GT	LOCK, RECEP 4WAY, 14-18GA	
23-	73233GT	ASSEMBLY,FOOT SWITCH***	
24	73717GT	CONN, RECEP, 4 WAY, DEUTSCH, DTP, FLANGE	
24-	73711GT	TERMINAL, PIN, DTP, 12-14 AWG, NICKEL, , DEUTSCH, LOOSE	

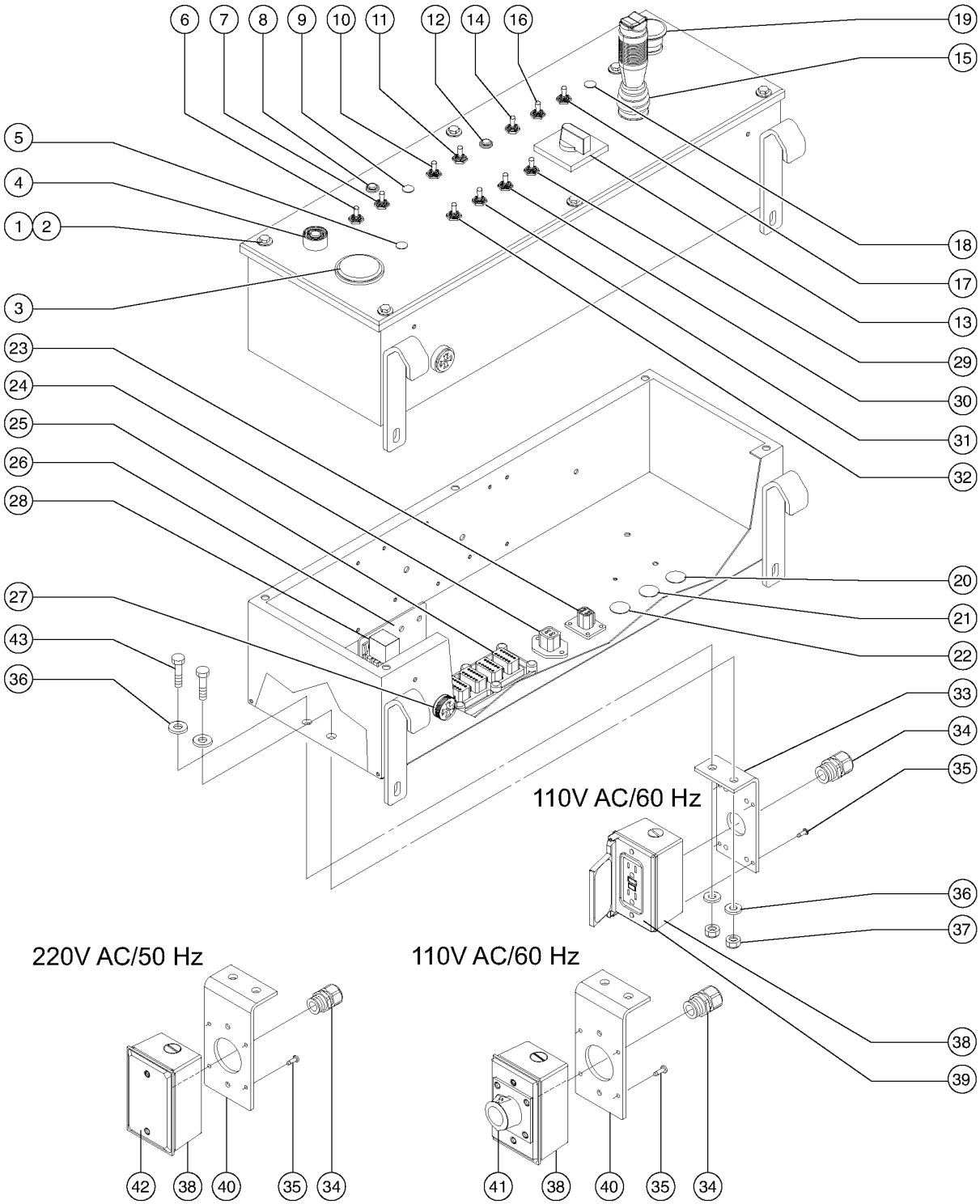
605.1 Platform Controls (from SN 22051), Z-45/25



605.1 Platform Controls (from SN 22051), Z-45/25

Item	Part No.	Description	Qty.
24-	60526GT	LOCK,RECEP 4 WAY,12-14GA	
24-	88723-72700GT	HARNESS,12/3,12V TO PLAT	
25	73736GT	CONN,RECEP 48 WAY,4 X 12	1
25-	73713GT	TERMINAL, PIN, DT, 14-18 AWG, NICKEL, 0.095-0.150 OD, DEUTSCH, STRIP	
25-	54255GT	LOCK, RECEP 12WAY, 14-18GA	
25-	88721-72000GT	HARNESS,18/19 BOOM CABLE #1 non-jib (green and brown connectors)	1
25-	88722-72000GT	HARNESS,18/19,BOOM CABLE #2 non-jib (gray and black connectors)	1
26	54534GT	ANGLE,RELAY MNT,W/NUTSERTS,PNT	1
27	45383GT	ALARM,WARBLE TONE 5-30 VDC*** Does not include 72326 nut	1
27-	72326GT	NUT - PLASTIC, RING FOR ALARMS	
28	56302GT	RELAY,24VDC,40/30A,SEALED***	1
29	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Primary Boom Extend/Retract	1
29-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
29-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
29-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
30	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Primary Boom Up/Down	1
30-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
30-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
30-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
31	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Secondary Boom Up/Down	1
31-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
31-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
31-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
32	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Turntable Rotate	1
32-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
32-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
32-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
33	81096GT	BRACKET,POWER TO PLAT, DOM	1

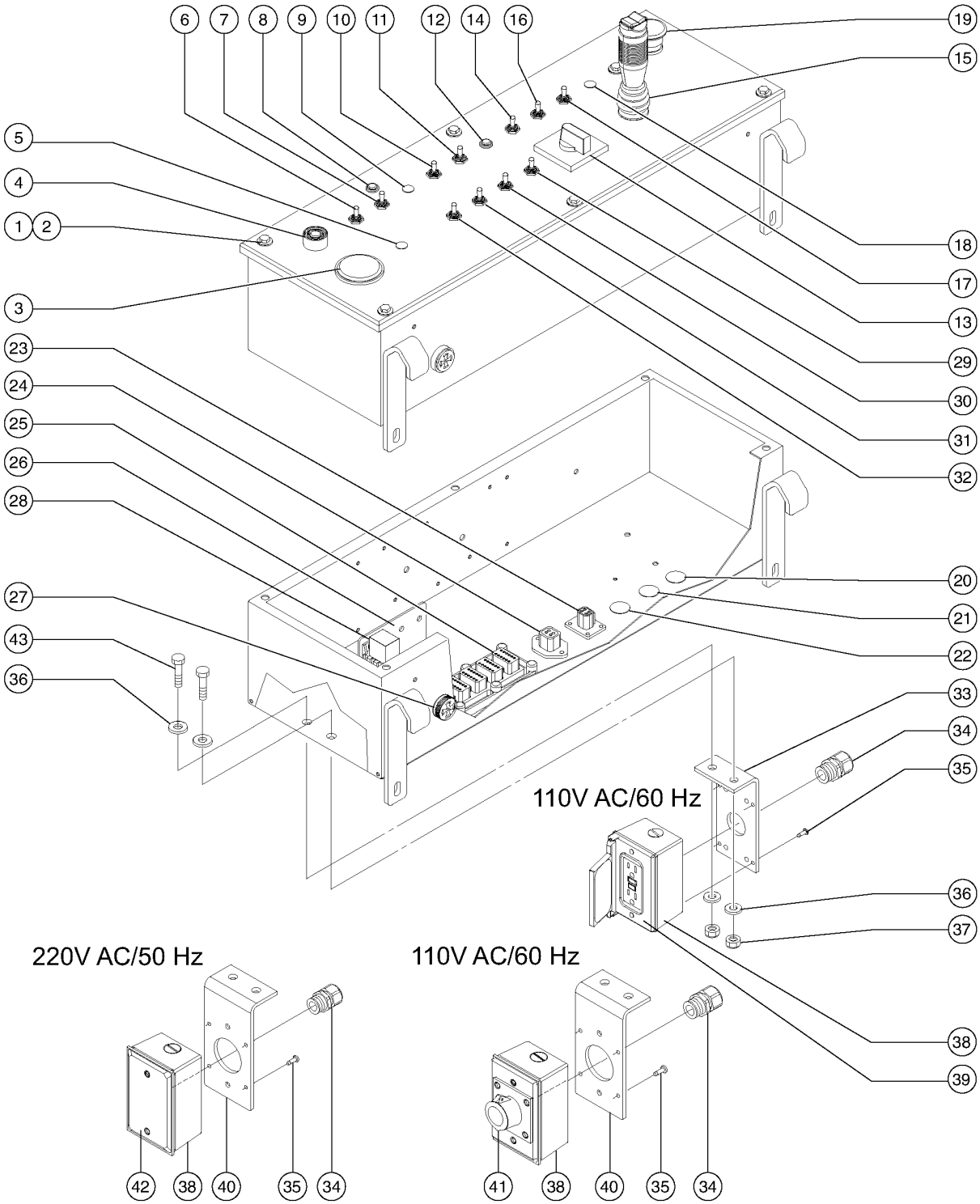
605.1 Platform Controls (from SN 22051), Z-45/25



605.1 Platform Controls (from SN 22051), Z-45/25

Item	Part No.	Description	Qty.
34	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	2
34-	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	
35	57075GT	SCREW, PHIL, 8-32 X .50, SELF TAP	
36	5397GT	WASHER, FLAT, USS, 5/16-18	
37	4828GT	NUT, NYLOCK, 3/8-16	
38	10775GT	T-BOX, 2.75 X 4.5 X 2.0**	1
39	74006GT	COVER,GFCI,HORIZONTAL,WEATHER	1
39-	13585GT	OUTLET, 110V USA/Canada	
39-	80543GT	RECEPTACLE, 120VAC, 20A, GFCI USA/Canada	
40	81570GT	BRACKET,POWER TO PLAT, UK	1
41	T112563GT	SVC KIT,UK RECEPT.REPLACEMENT Europe	1
41-	T112561GT	PLATE,UK,POWER TO PLAT	
41-	81458GT	GASKET, UK POWER TO PLAT	
41-	33724GT	KIT,GASKET,UK POWER TO PLAT	
42	10777GT	COVER,BLANK	1
42-	81458GT	GASKET, UK POWER TO PLAT	
42-	33724GT	KIT,GASKET,UK POWER TO PLAT	
43	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	

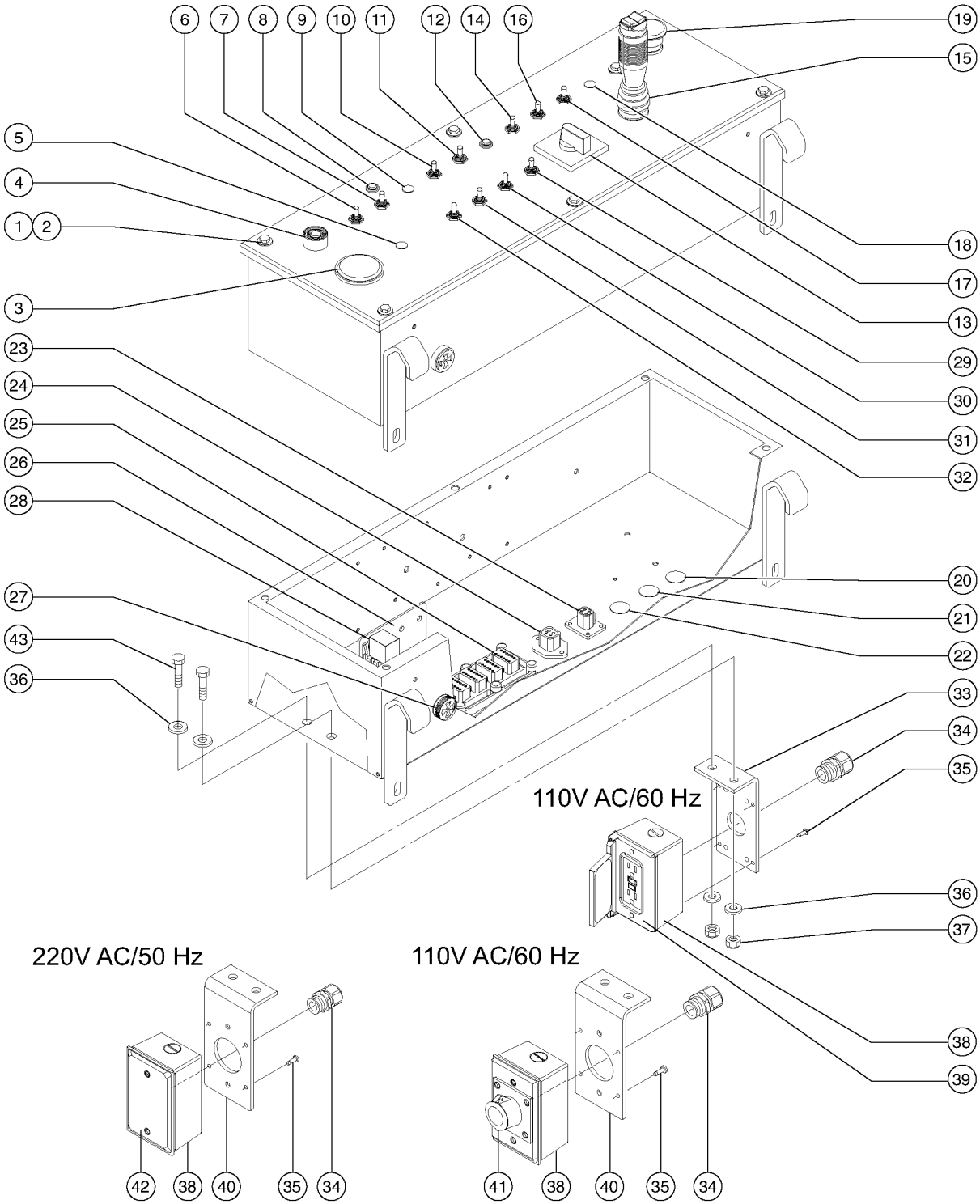
605.2 Platform Controls (from SN 22051), Z-45/25J



605.2 Platform Controls (from SN 22051), Z-45/25J

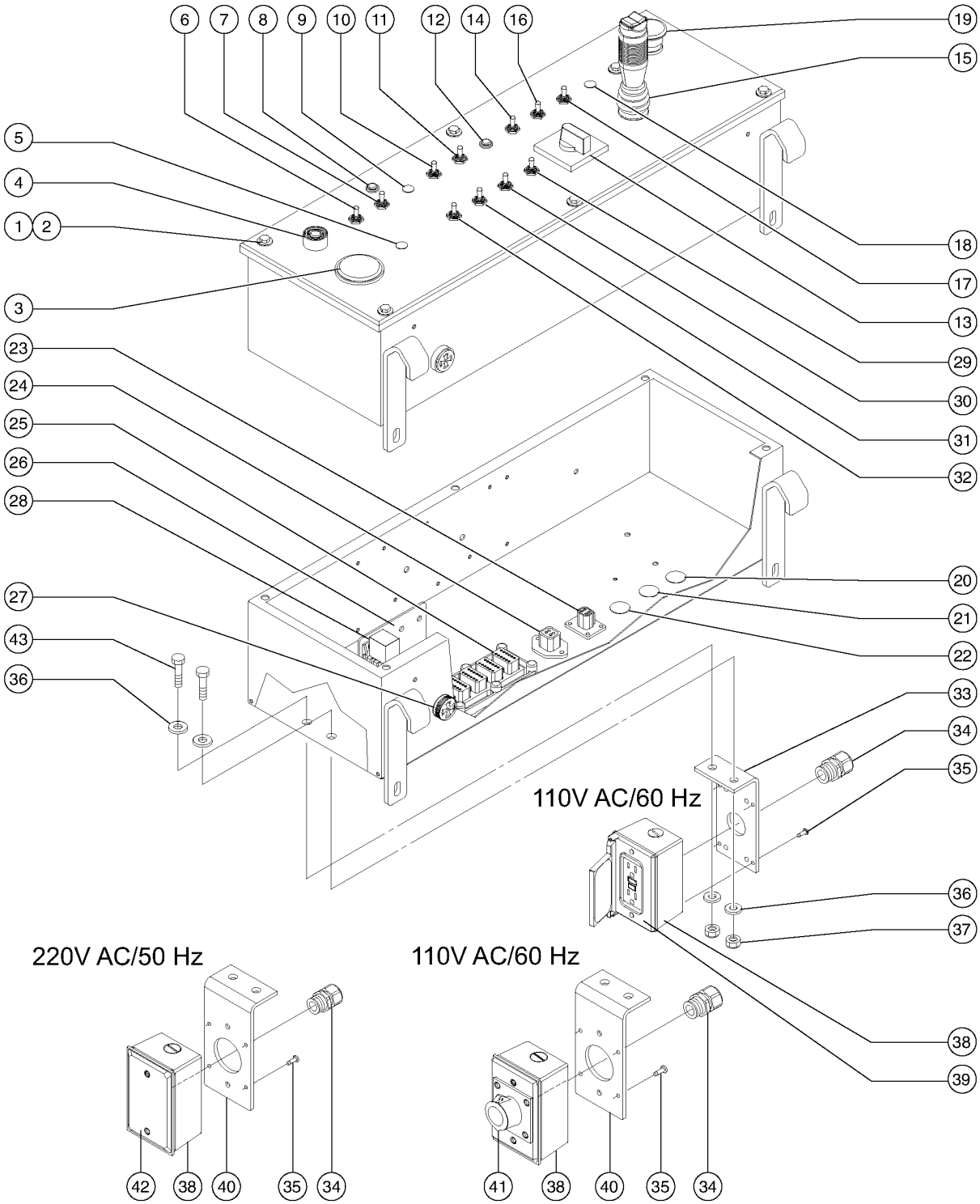
Item	Part No.	Description	Qty.
A	101579GT	PLAT. CONTROL BOX W/DECAL	
B	119867GT	WIRING KIT,JIB TIME DELAY IC	
B-	43181GT	CAPACITOR,TIME DELAY	
B-	19274GT	RELAY,SPDT,12V(AUTO)**	
1	8914GT	SCREW, HHC, 1/4-20 X .625	
2	6638GT	WASHER, FLAT, USS, 1/4"Y	
3	237145GT	IND,BAT CHARGE,48V LEAD-ACID	1
4	66813GT	BUTTON,PUSH,BLACK W/SEAL***	
4-	66815GT	BASE, W/1 N.O. CONTACTS*** includes 1 N.O. Contact	
4-	66816GT	CONTACT,N.O.***	
5	45384GT	PLUG,NYLON .50 BLACK DOMED	3
6	128201GT	SWITCH TOGGLE ASSY DPDT 2P MOM Power Switch	1
6-	128581-SGT	SWITCH TOGGLE DPDT 2P MOM SHDR	
6-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
6-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
7	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Drive Enable	1
7-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
7-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
7-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
8	42725GT	LIGHT,INDICATOR,RED 28V	1
9B	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Jib Up/Down	1
9B-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
9B-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
9-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
10	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Platform Rotate	1
10-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
10-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
10-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	

605.2 Platform Controls (from SN 22051), Z-45/25J



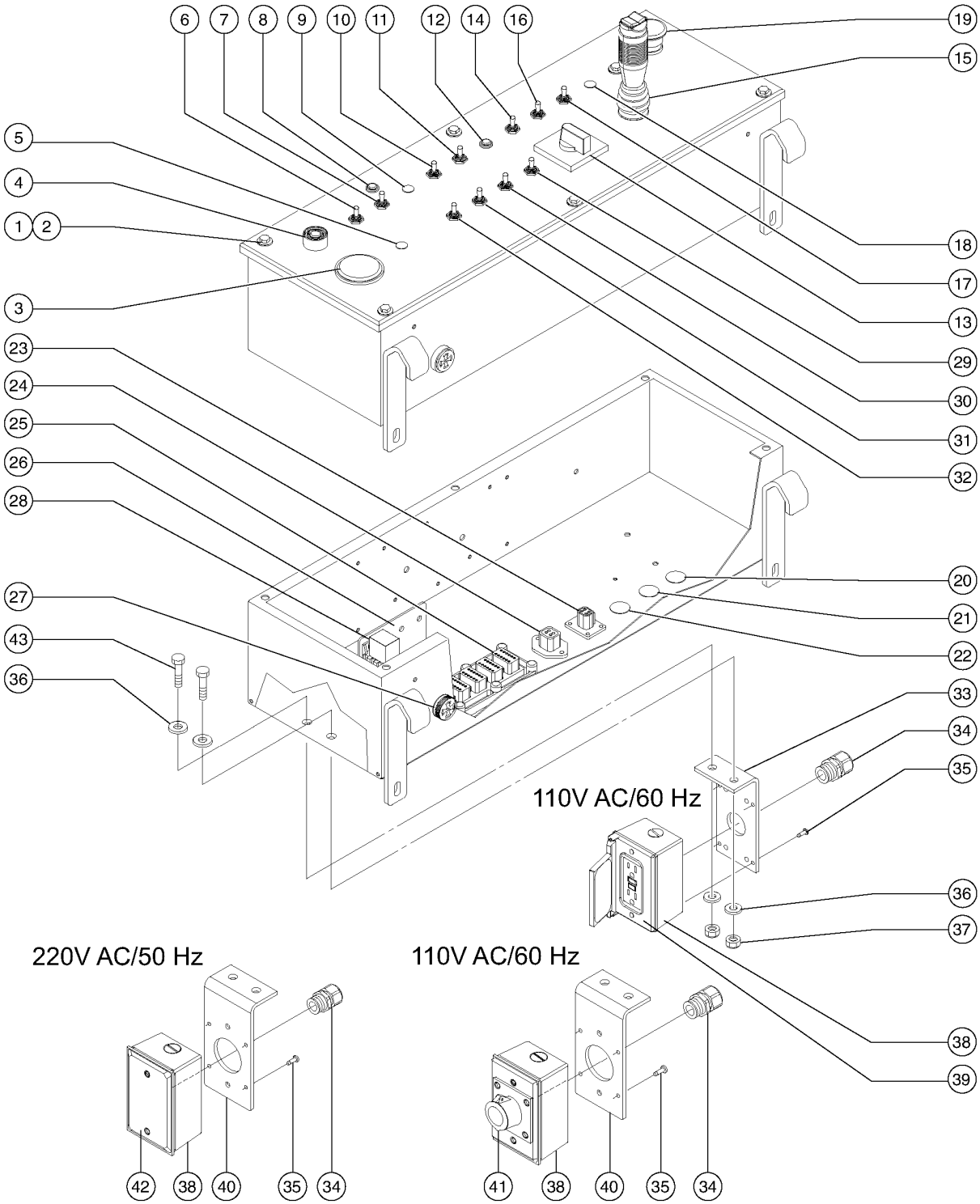
Item	Part No.	Description	Qty.
11	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Platform Level	1
11-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
11-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
11-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
12	824878GT	LIGHT,LED IND. RED 24V NH	
13	36557GT	ROTATIONAL CONTROLLER,24V***	
14	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Glow Plug (Bi-Energy Models)	1
14-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
14-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
14-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
15		JOYSTICK,5K-0 OHM** Refer to section 606.1	
16A	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Engine Start (Bi-Energy Models)	1
16A-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
16A-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
16A-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
16B	45384GT	PLUG,NYLON .50 BLACK DOMED	
17	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Engine Idle Select (Bi-Energy Models)	1
17-	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
17-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
17-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
18	45384GT	PLUG,NYLON .50 BLACK DOMED	
19	122514GT	KIT,ESTOP SVC BB&SM BOOM	
20	45385GT	PLUG,NYLON 1.12 BLACK DOMED	
21	45385GT	PLUG,NYLON 1.12 BLACK DOMED	
22	43957-8300GT	WIRE CABLE,14GA/4 CON.TPE JKT	
23	73723GT	CONN RECEPT,FLANGED	
23-	54259GT	TERM,NI PIN, 14-16GA,BULK	
23-	60443GT	LOCK, RECEP 4WAY, 14-18GA	

605.2 Platform Controls (from SN 22051), Z-45/25J



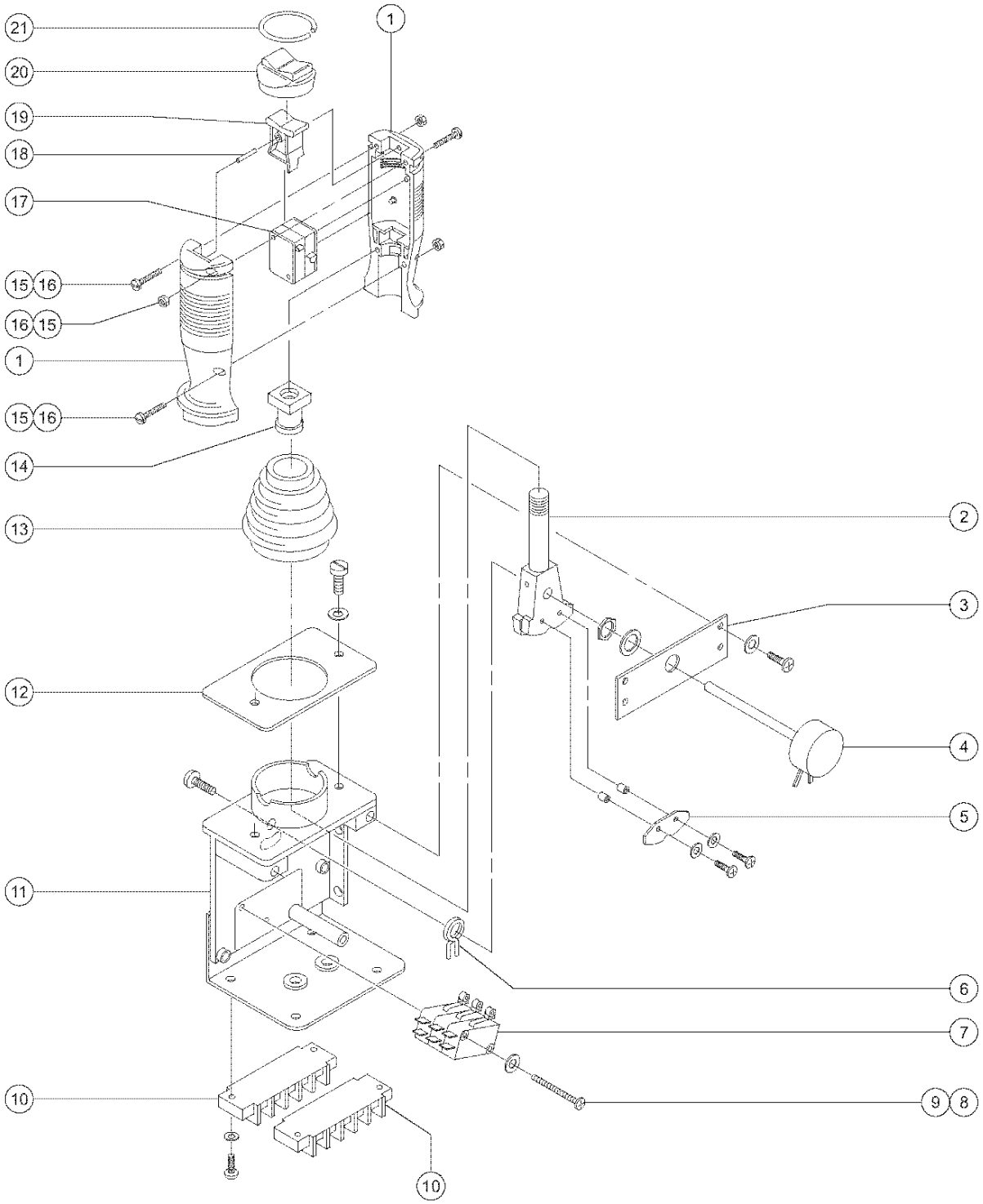
Item	Part No.	Description	Qty.
23-	73233GT	ASSEMBLY,FOOT SWITCH***	
24	73717GT	CONN, RECEP, 4 WAY, DEUTSCH, DTP, FLANGE	
24-	73711GT	TERMINAL, PIN, DTP, 12-14 AWG, NICKEL, , DEUTSCH, LOOSE	
24-	60526GT	LOCK,RECEP 4 WAY,12-14GA	
24-	88723-71000GT	HARNESS,12/3,12V TO PLAT	
25	73736GT	CONN,RECEP 48 WAY,4 X 12	1
25-	73713GT	TERMINAL, PIN, DT, 14-18 AWG, NICKEL, 0.095-0.150 OD, DEUTSCH, STRIP	
25-	54255GT	LOCK, RECEP 12WAY, 14-18GA	
25-	88721-70700GT	HARNESS,18/19 BOOM CABLE #1 (green and brown connectors)	
25-	88722-70700GT	HARNESS,18/19,BOOM CABLE #2 (gray and black connectors)	
26	54534GT	ANGLE,RELAY MNT,W/NUTSERTS,PNT	1
27	45383GT	ALARM,WARBLE TONE 5-30 VDC*** order 72326 retainer nut separately	1
27-	72326GT	NUT - PLASTIC, RING FOR ALARMS	
28	56302GT	RELAY,24VDC,40/30A,SEALED***	1
29	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Primary Boom Exetnd/Retract	1
29-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
29-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
29-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
30	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Primary Boom Up/Down	1
30-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
30-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
30-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
31	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Secondary Boom Up/Down	1
31-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	
31-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
31-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
32	128202GT	SWITCH TOGGLE ASSY DPDT 3P MOM Turntable Rotate	1
32-	128582-SGT	SWITCH TOGGLE DPDT 3P MOM SHDR	

605.2 Platform Controls (from SN 22051), Z-45/25J



Item	Part No.	Description	Qty.
32-	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
32-	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
33	81096GT	BRACKET,POWER TO PLAT, DOM	1
34	7056GT	CONN,SQUEEZE,1/2NPT .38-.50,SM	2
34-	6935GT	CONN, SQZ, 1/2NPT, LOCKNUT	
35	57075GT	SCREW, PHIL, 8-32 X .50, SELF TAP	
36	5397GT	WASHER, FLAT, USS, 5/16-18	
37	4828GT	NUT, NYLOCK, 3/8-16	
38	10775GT	T-BOX, 2.75 X 4.5 X 2.0**	1
39	74006GT	COVER,GFCI,HORIZONTAL,WEATHER	1
39-	13585GT	OUTLET, 110V USA/Canada	
39-	80543GT	RECEPTACLE, 120VAC, 20A, GFCI USA/Canada	
40	81570GT	BRACKET,POWER TO PLAT, UK	1
41	T112563GT	SVC KIT,UK RECEPT.REPLACEMENT Europe	1
41-	T112561GT	PLATE,UK,POWER TO PLAT	
41-	81458GT	GASKET, UK POWER TO PLAT	
41-	33724GT	KIT,GASKET,UK POWER TO PLAT	
42	10777GT	COVER,BLANK	1
42-	81458GT	GASKET, UK POWER TO PLAT	
42-	33724GT	KIT,GASKET,UK POWER TO PLAT	
43	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	

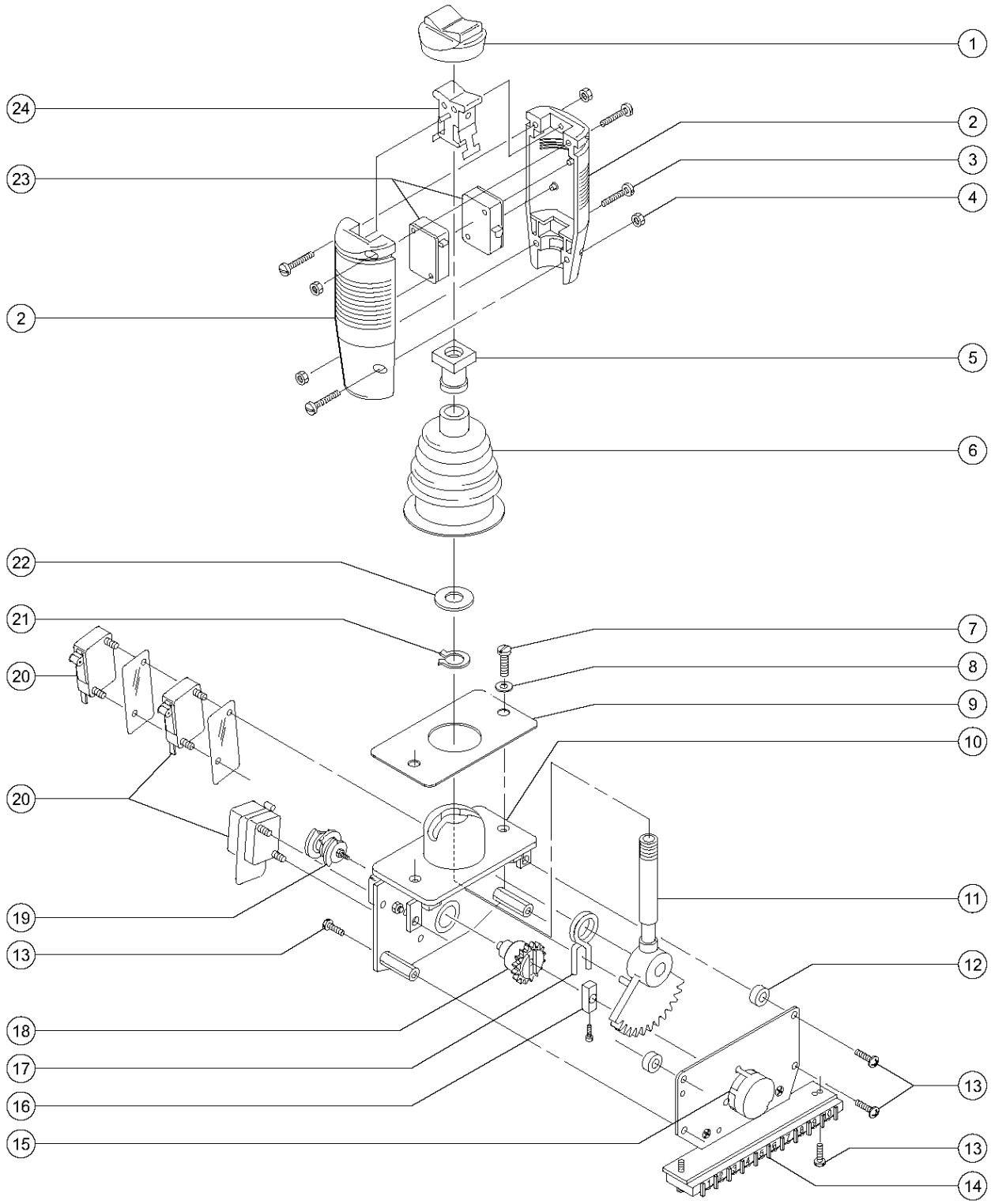
606.1 Joystick Controller, Drive/Steer Functions (to SN 14078)



606.1 Joystick Controller, Drive/Steer Functions (to SN 14078)

Item	Part No.	Description	Qty.
	56773GT	JOYSTICK,5K-0 OHM also requires 54831 for first-time replacement, order separately	
	54831GT	KIT,UPGRADE JOYSTICK,DC/BI	
1	1323938GT	KIT, JOYSTICK GRIP/HANDLE	
2	52525GT	SHAFT ASSY,JOYSTICK	
3	52527GT	POTENTIOMETER MOUNT PLATE	
4	72298GT	POTENTIOMETER (56773)	
5	52890GT	CAM-SHAFT ASSEMBLY (56274)	
6	21434GT	SPRING & BUSHING KIT,RETURN***	
7	19712GT	MICROSWITCH,V3L-139-D8	
8	52892GT	SCREW,PHS,4-40 X 1.5	
9	52891GT	WASHER-LOCK, 4-40	
10	52524GT	TERMINAL STRIP,10 POLE,JOYSTK	
11	52894GT	HOUSING-SHAFT ASSY (56274)	
12	43042GT	GASKET,JOYSTK.SHAFT36867/42032	
13	21427GT	BOOT,CONTROLLER**	
14	43040GT	NUT,JS,36867/42032/44988/40612	
15	52895GT	SCREW,PHM,M3 X .5 X 12MM	
16	52928GT	NUT-HEX,3M X 0.5MM	
17	19722GT	MICROSWITCH-V319M***	
18	65178GT	ROCKER ASSY W/ROLLPIN***	
19	52930GT	ROCKER ASSY (56274)	
20	43038GT	BOOT-THUMB ROCKER** BLACK	
21	25882GT	LOCK RING	

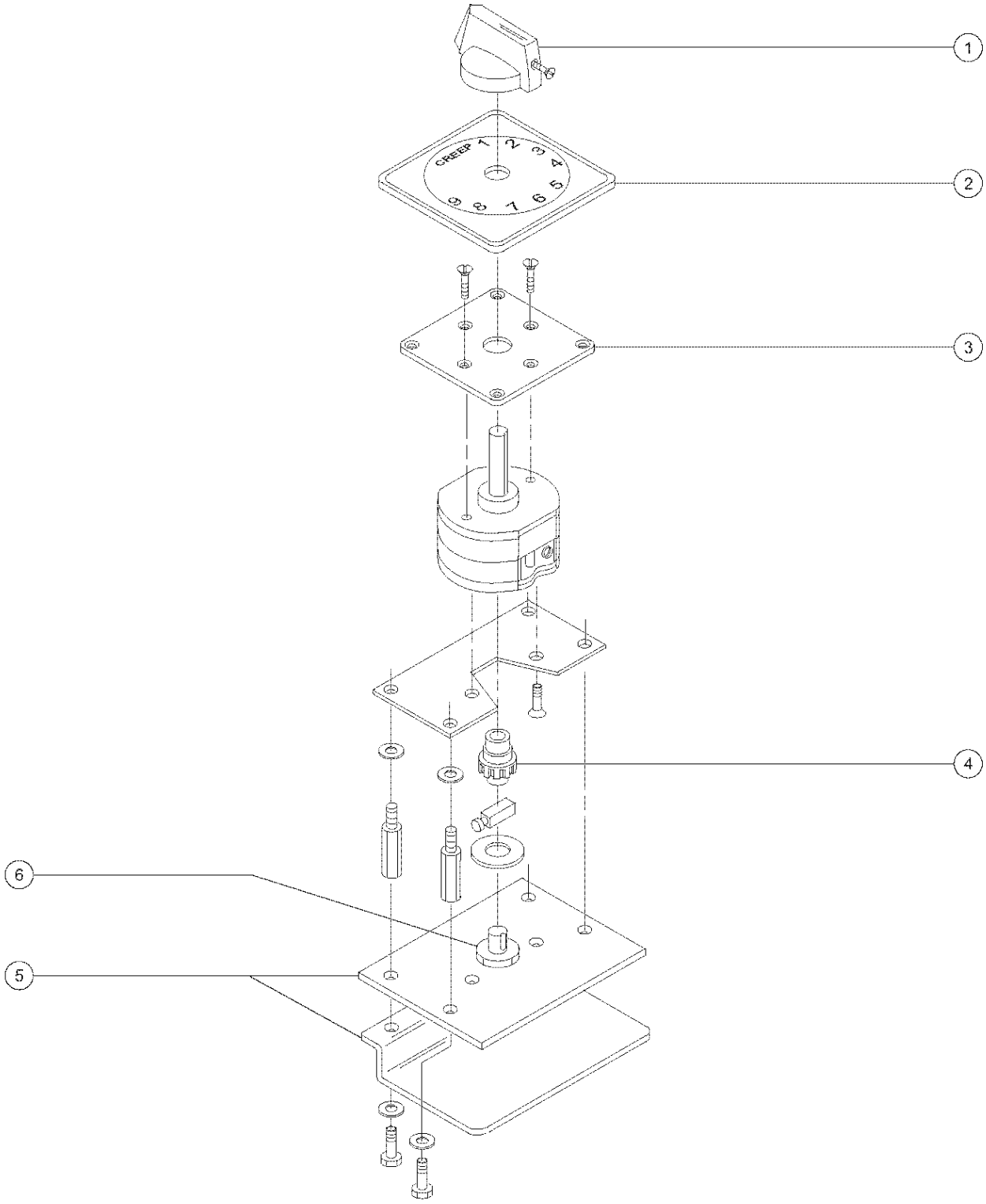
607.1 Joystick Controller, Drive/Steer Functions (from SN 14079)



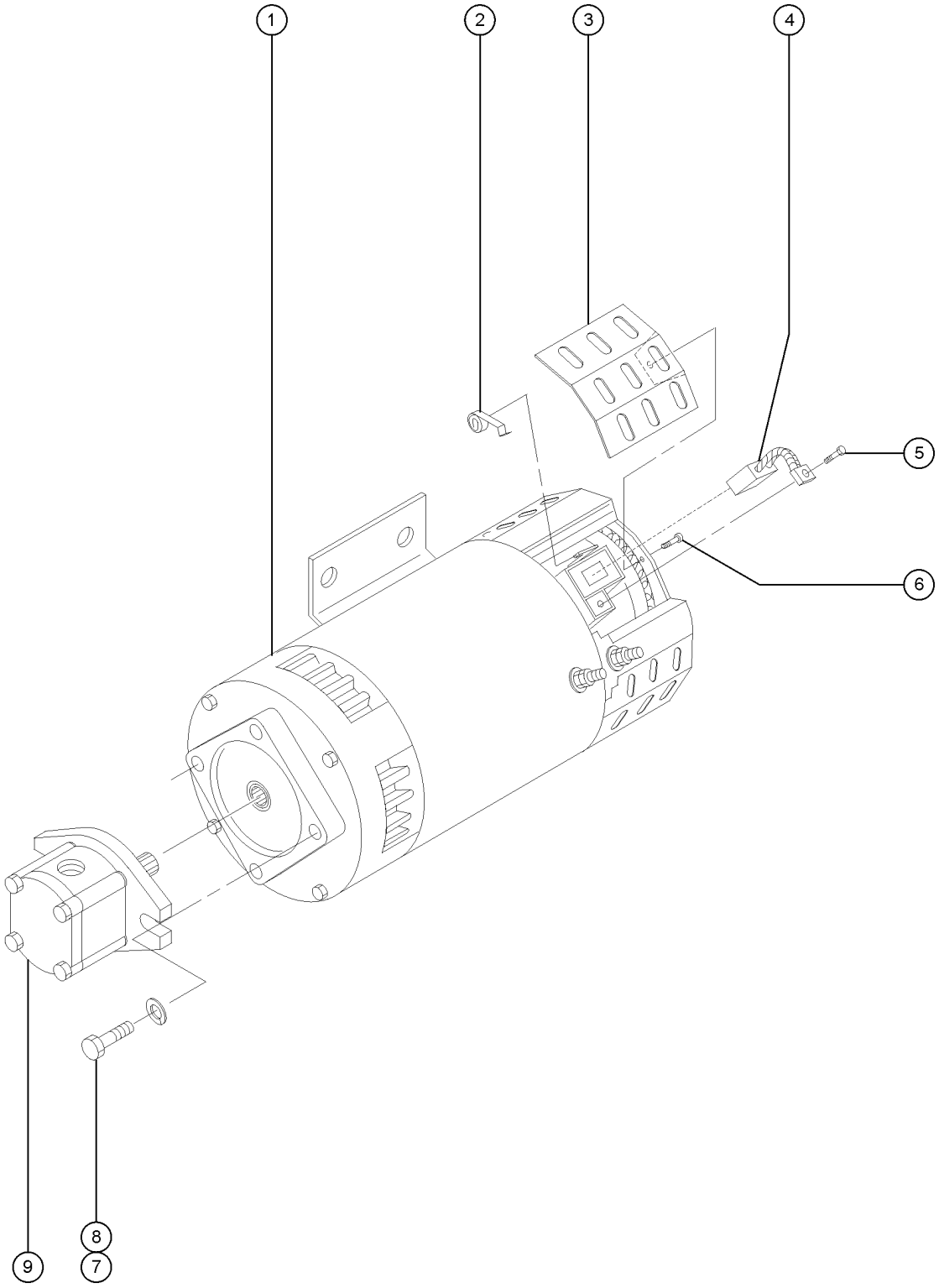
607.1 Joystick Controller, Drive/Steer Functions (from SN 14079)

Item	Part No.	Description	Qty.
	56773GT	JOYSTICK,5K-0 OHM	
Z	1269501GT	KIT, ISOLATION, 3 JOYSTICK from SN 21180	
1	43038GT	BOOT-THUMB ROCKER** BLACK	
2	1323938GT	KIT, JOYSTICK GRIP/HANDLE	
3	52895GT	SCREW,PHM,M3 X .5 X 12MM	
4	52928GT	NUT-HEX,3M X 0.5MM	
5	43040GT	NUT,JS,36867/42032/44988/40612	
6	21427GT	BOOT,CONTROLLER**	
7	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	
8	74362GT	WASHER,NYLON, JOYSTICK	
9	43042GT	GASKET,JOYSTK.SHAFT36867/42032	
10	58987GT	CASTING 42032	
11	46227GT	SHAFT ASSY, JOYSTICK*** includes gear	
12	74368GT	SPACER-POT.PLATE,JOYSTICK56773	
13	65546GT	SCREW,PHM,M3.5 X 12MM (57890)	
14	74367GT	TERM.BUSS,10POLE,JOYSTICK56773	
15	72298GT	POTENTIOMETER (56773)	
16	65529GT	COUPLING-POT,JOYSTICK (56579)	
17	21434GT	SPRING & BUSHING KIT,RETURN***	
18	19731GT	GEAR, SLAVE, MS4,45048	
19	74364GT	CAM ASSEMBLY, JOYSTICK(42032)	
20	19712GT	MICROSWITCH,V3L-139-D8	
21	74365GT	C-CLIP, SHAFT, JOYSTICK	
22	74366GT	WASHER, FLAT, SHAFT, JOYSTICK	
23	19722GT	MICROSWITCH-V319M***	
24	58986GT	ROCKER ASSY (42032)***	
24-	65178GT	ROCKER ASSY W/ROLLPIN***	

608.1 Rotational Controller

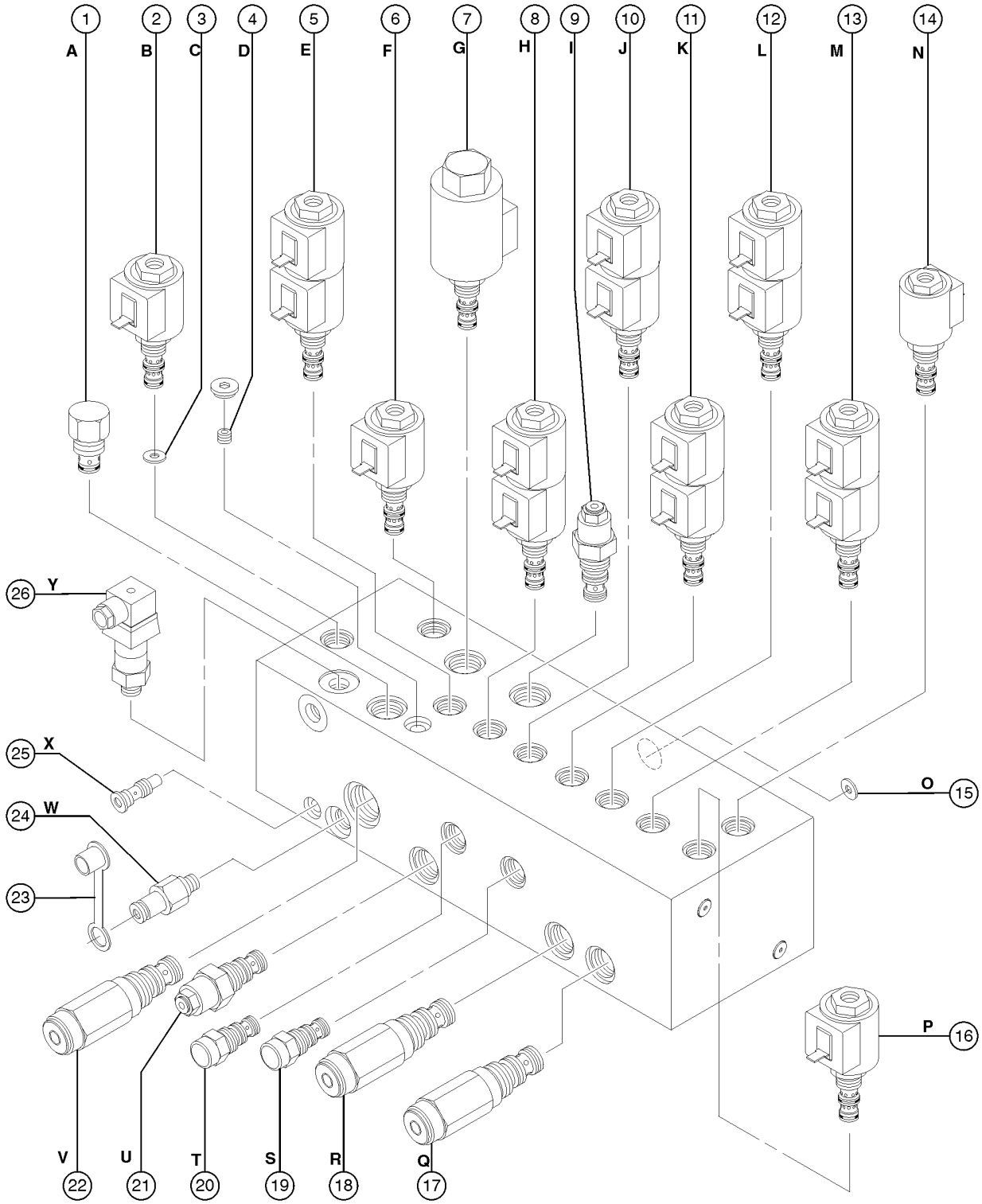


Item	Part No.	Description	Qty.
	36557GT	ROTATIONAL CONTROLLER,24V***	
1	35679GT	KNOB, 45048 CONTROLLER	
2	35680GT	LEGEND,PLSTC,"CREEP TO 9"***	
3	35678GT	MOUNTING PLATE, 45048	
4	19731GT	GEAR, SLAVE, MS4,45048	
5	40433GT	PCB,ROTATOR CONTROLLER 36557* includes item 6	
6	19729GT	POTENTIOMETER,56886	


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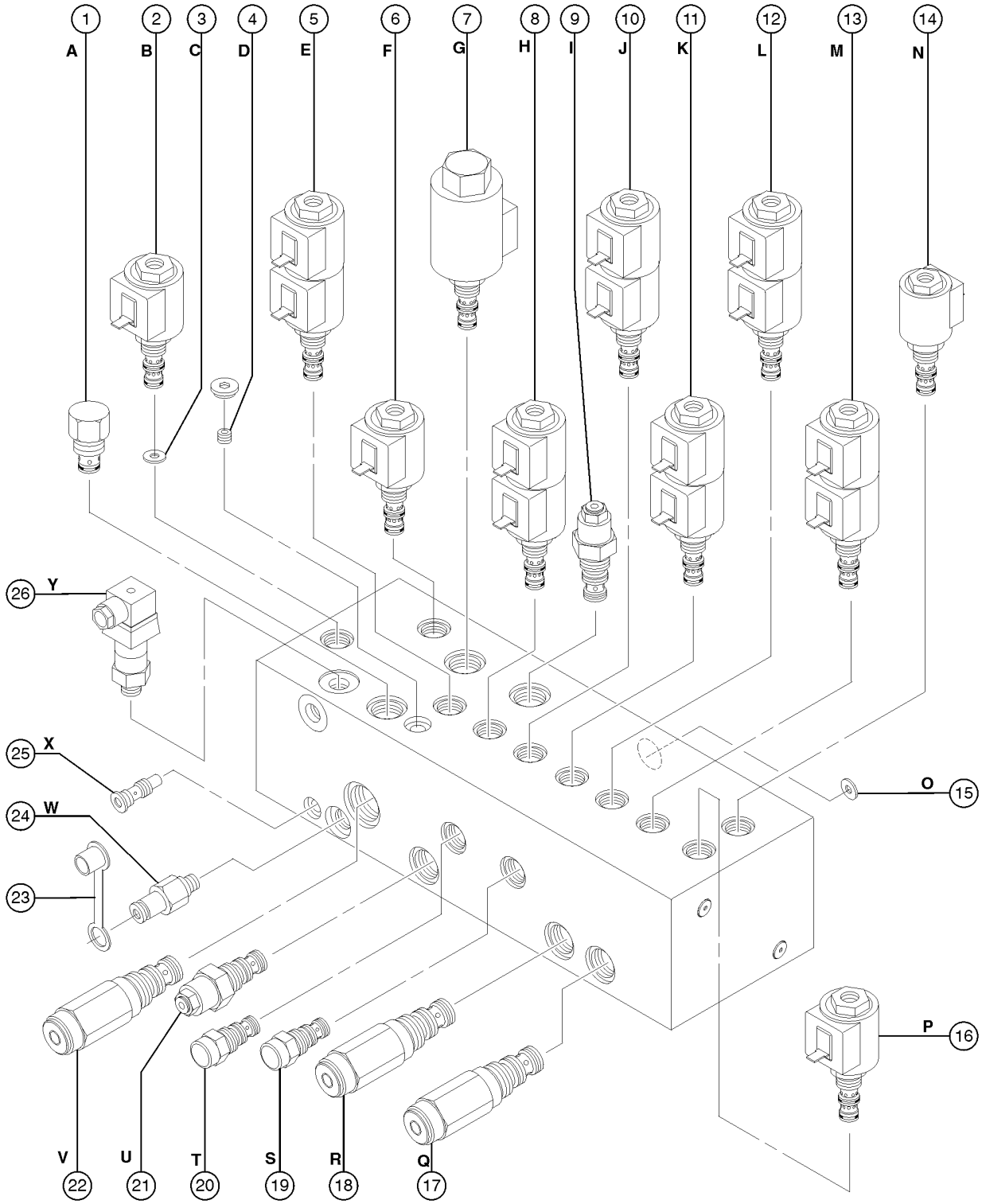
Item	Part No.	Description	Qty.
1A	48504GT	MOTOR,FUNCTION,48V DC includes items 2 through 6	
1A-	44778GT	BEARING,MOTOR,36843,BRUSH END* for 48504	
1A-	44777GT	BEARING,MOTOR for 48504	
1A-	58934GT	BRUSH BOX ASSEMBLY includes item 2 (for 48504)	
1A-	52915GT	BRUSH LEAD ASSEMBLY KIT(48504) for 48504	
2	44750GT	SPRING-BRUSH,40844, SCISSORS	
3	58936GT	BRUSH COVER -PLATE-(48504)*	
4	58932GT	BRUSH SET 4 EA	
5	52913GT	SCREW,HH TAPETITE THRD8-32X.50	
6	52914GT	SCREW,HHTAPTITE THREAD8-32X.38	
7	32317GT	SCREW,HHC,3/8-24 X 1 GR 8 YEL	
8	6021GT	WASHER, LOCK, .375	
9	77981GT	PUMP,LIFT,3CC,CCW***	
9-	43685GT	SEAL KIT,LIFT PUMP,BARNES** for pump 39563 (check part label prior to ordereing)	
9-	77990GT	KIT,SEAL,3CC PUMP***	

702.1 Function Manifold (to SN 17840)



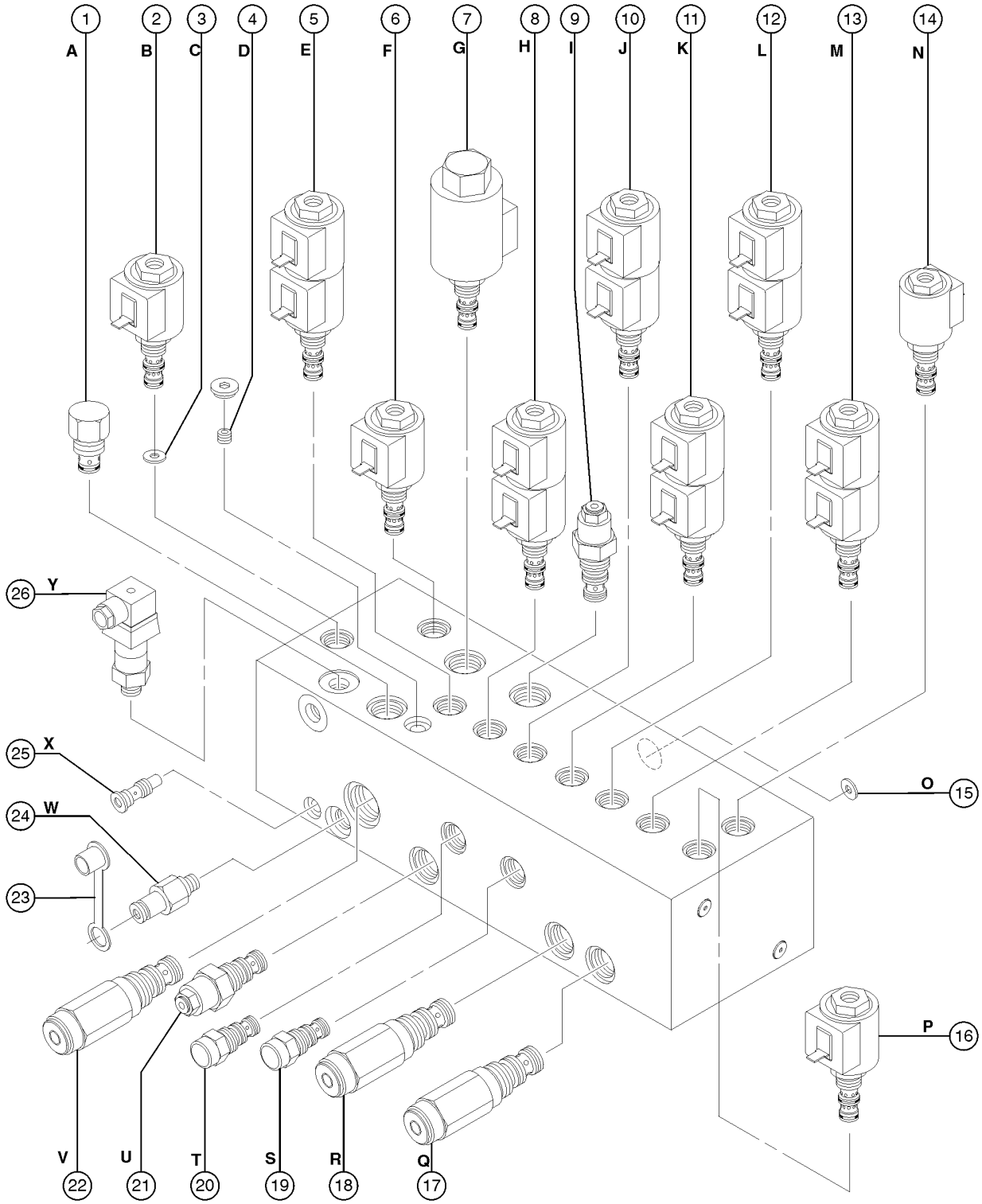
Item	Part No.	Description	Qty.
	54444GT	MANIFOLD,FUNCTION,Z45 DC/BI***	
	54303GT	HARNESS,MANIFOLD,Z45 BI/DC	
	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	52911GT	VALVE-LOAD SENSING All functions	1
2	44997GT	VALVE,SOLENOID,2POS 2WAY N.O.* Brake circuit	1
2-	39347GT	COIL,20V W/DIODE,#8 (SCI)***	
2-	44174GT	NUT-COIL SHORT	
3	52909GT	ORIFICE DISC,0.030*** Brake circuit	
4	52910GT	ORIFICE PLUG, 0.060 Steer circuit	
5	52912GT	VALVE-SOLENOID,3POSITION,4WAY* Steer left/right	1
5-	39347GT	COIL,20V W/DIODE,#8 (SCI)***	
5-	44174GT	NUT-COIL SHORT	
6	52902GT	VALVE-SOLENOID,2POS/2WAY Brake circuit	1
6-	39347GT	COIL,20V W/DIODE,#8 (SCI)***	
6-	44174GT	NUT-COIL SHORT	
6-	44229GT	SEAL KIT, VALVE	
7	52901GT	VALVE,PROPORTIONAL,24V-N.C. All functions	1
7-	52896GT	COIL,24VDC,DUAL SPADE,SIZE 10	
7-	52466GT	NUT,PROPORTNL. COIL,52372,GS68	
8	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** Platform level up/down	1
8-	39347GT	COIL,20V W/DIODE,#8 (SCI)***	
8-	44229GT	SEAL KIT, VALVE	
9	54065GT	VALVE,COUNTERBALANCE,3500*** Platform level up	1
10	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** Platform rotate left/right and jib boom up/down (Z-45/25J)	1
10-	39347GT	COIL,20V W/DIODE,#8 (SCI)***	

702.1 Function Manifold (to SN 17840)



Item	Part No.	Description	Qty.
10-	44174GT	NUT-COIL SHORT	
10-	44229GT	SEAL KIT, VALVE	
11	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** Turntable rotate left/right	1
11-	39347GT	COIL,20V W/DIODE,#8 (SCI)***	
11-	44174GT	NUT-COIL SHORT	
11-	44229GT	SEAL KIT, VALVE	
12	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** Secondary boom up/down	1
12-	39347GT	COIL,20V W/DIODE,#8 (SCI)***	
12-	44174GT	NUT-COIL SHORT	
12-	44229GT	SEAL KIT, VALVE	
13	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** Primary boom up/down	1
13-	39347GT	COIL,20V W/DIODE,#8 (SCI)***	
13-	44174GT	NUT-COIL SHORT	
13-	44229GT	SEAL KIT, VALVE	
14	52897GT	VALVE,SOLENOID, 2POS/3WAY*** Primary boom extend	1
14-	39347GT	COIL,20V W/DIODE,#8 (SCI)***	
14-	44174GT	NUT-COIL SHORT	
14-	52371GT	SEAL KIT, VALVE	
15	47092GT	ORIFICE DISC,.046",GREEN Secondary boom up	
16	52897GT	VALVE,SOLENOID, 2POS/3WAY*** Primary boom retract	1
16-	39347GT	COIL,20V W/DIODE,#8 (SCI)***	
16-	44174GT	NUT-COIL SHORT	
16-	52371GT	SEAL KIT, VALVE	
17	52904GT	VALVE-RELIEF,2300 PSI Primary boom down	1
18	52905GT	VALVE-RELIEF,1800 PSI Secondary boom down	1
19	52903GT	VALVE,FLOW REGULATOR,0.6 GPM Turntable rotate left/right (prevents overflowing the proportional valve)	1
20	52903GT	VALVE,FLOW REGULATOR,0.6 GPM Platform rotate left/right and jib boom up/down (Z-45/25J)	1
21	54065GT	VALVE,COUNTERBALANCE,3500*** Platform level up/down	1

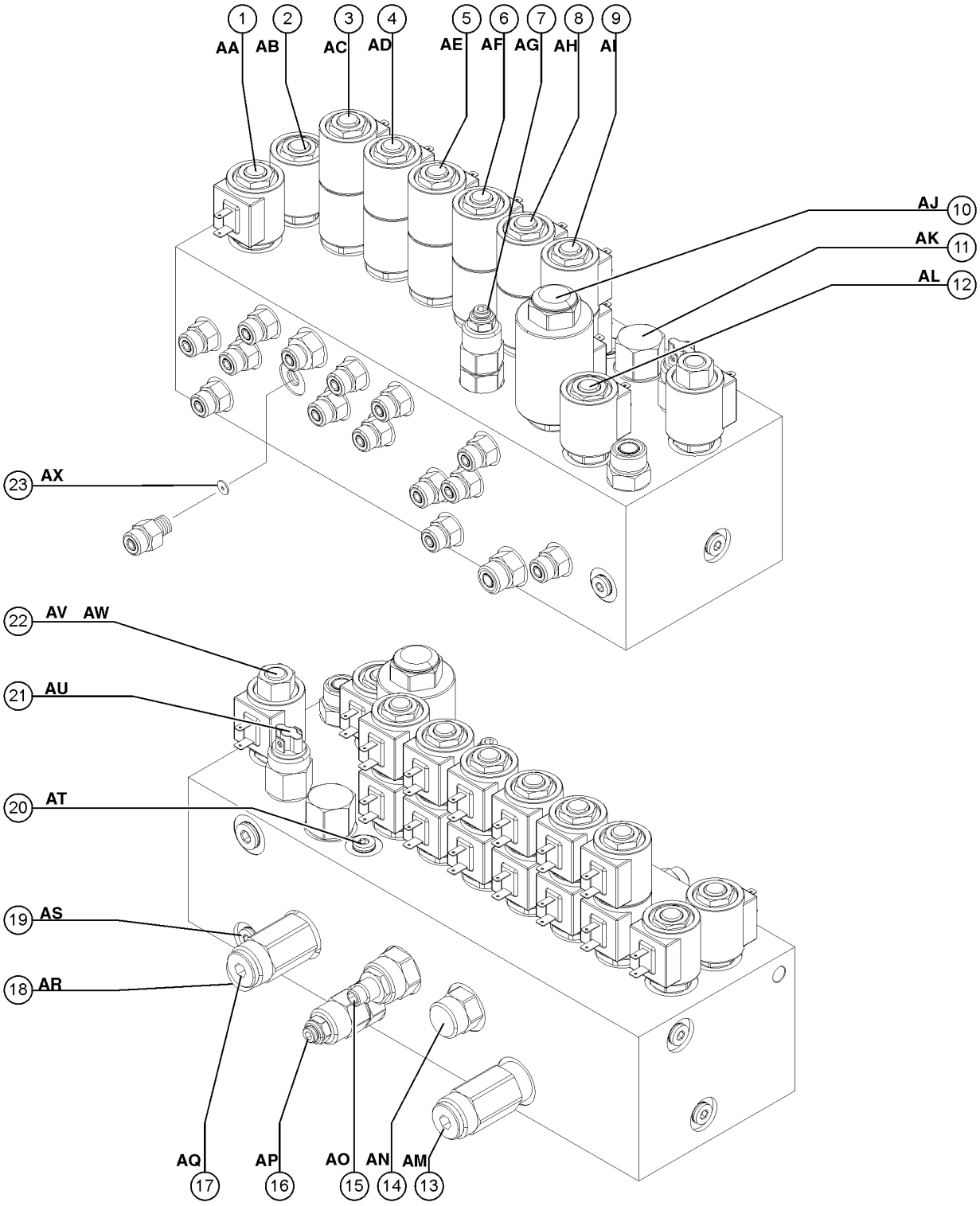
702.1 Function Manifold (to SN 17840)



702.1 Function Manifold (to SN 17840)

Item	Part No.	Description	Qty.
22	52906GT	VALVE-RELIEF,3200 PSI System relief	1
23	48880GT	CAP,DIAGNOSTIC NIPPLE	
24	48997GT	NIPPLE,DIAGNOSTIC,#4 Testing	
24-	48997GT	NIPPLE,DIAGNOSTIC,#4	
25	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* Pressure switch circuit	1
26	1287986GT	SWITCH,PRESS,#6SAE,600 PSI Brake circuit	1

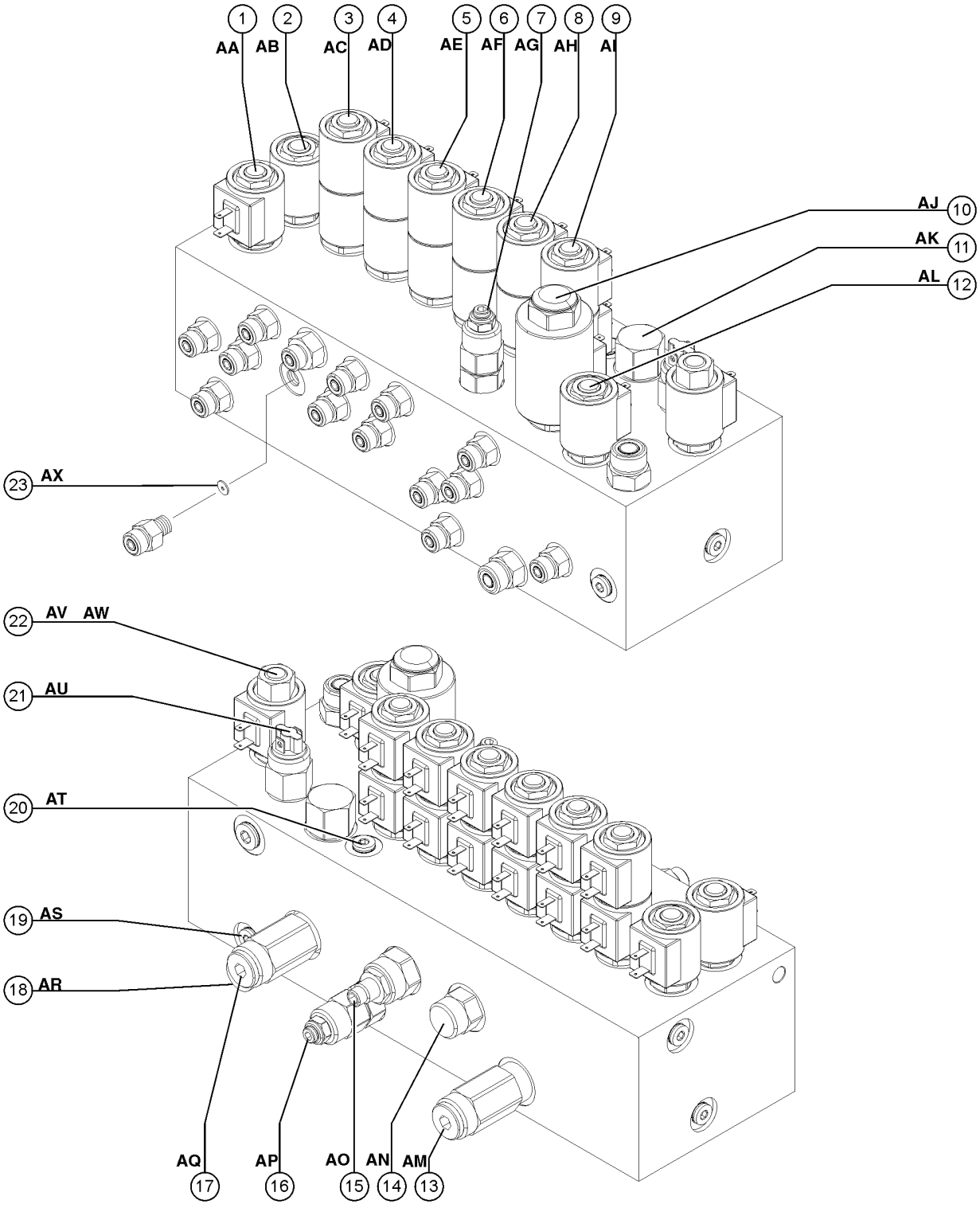
703.1 Function Manifold (from SN 17841 to 20379)



703.1 Function Manifold (from SN 17841 to 20379)

Item	Part No.	Description	Qty.
A-		MANIFOLD, FUNC (77007 no longer available replaced by 77305, refer to 703.2)	
B-	77140GT	HARNESS,MANIFOLD,Z45 BI/DC	
B-	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
B-	49612GT	O-RING KIT (ORFS FITTINGS)	
B-	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
B-	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	52897GT	VALVE,SOLENOID, 2POS/3WAY*** Primary boom retract	1
1-	52594GT	COIL,20V DS W/DIODE	
1-	52371GT	SEAL KIT, VALVE	
2	52897GT	VALVE,SOLENOID, 2POS/3WAY*** Primary boom extend	1
2-	52594GT	COIL,20V DS W/DIODE	
2-	52371GT	SEAL KIT, VALVE	
3	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** Primary boom up/down	1
3-	52594GT	COIL,20V DS W/DIODE	
3-	44174GT	NUT-COIL SHORT	
3-	44229GT	SEAL KIT, VALVE	
4	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** Secondary boom up/down	1
4-	52594GT	COIL,20V DS W/DIODE	
4-	44174GT	NUT-COIL SHORT	
4-	44229GT	SEAL KIT, VALVE	
5	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** Turntable rotate left/right	1
5-	44174GT	NUT-COIL SHORT	
5-	44229GT	SEAL KIT, VALVE	
5-	52594GT	COIL,20V DS W/DIODE	
6	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** Platform rotate left/right and jib boom up/down (Z-45/25J)	1
6-	52594GT	COIL,20V DS W/DIODE	
6-	44174GT	NUT-COIL SHORT	
6-	44229GT	SEAL KIT, VALVE	

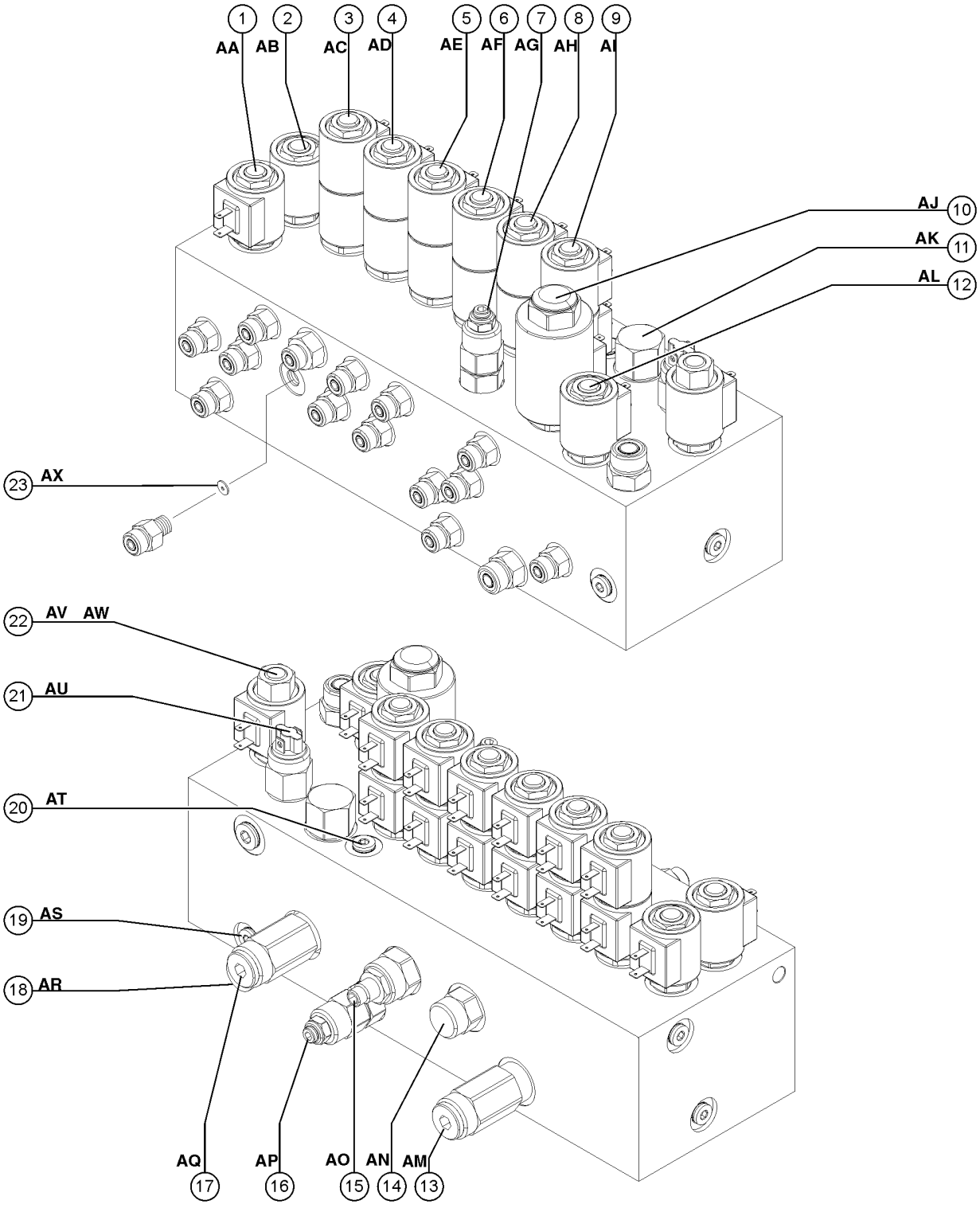
703.1 Function Manifold (from SN 17841 to 20379)



703.1 Function Manifold (from SN 17841 to 20379)

Item	Part No.	Description	Qty.
7	54839GT	VALVE,COUNTERBALANCE,3500 PSI Platform level up	1
8	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** Platform level up/down	1
8-	52594GT	COIL,20V DS W/DIODE	
8-	44174GT	NUT-COIL SHORT	
8-	44229GT	SEAL KIT, VALVE	
9	52912GT	VALVE-SOLENOID,3POSITION,4WAY* Steer left/right	1
9-	52594GT	COIL,20V DS W/DIODE	
9-	52594GT	COIL,20V DS W/DIODE	1
9-	44229GT	SEAL KIT, VALVE	
10	52901GT	VALVE,PROPORTIONAL,24V-N.C. Controls flow to functions	1
10-	52896GT	COIL,24VDC,DUAL SPADE,SIZE 10	
11	52911GT	VALVE-LOAD SENSING All functions	1
12	101934GT	VALVE,SOLENOID,2 POS 2 WAY Brake circuit	1
12-	52594GT	COIL,20V DS W/DIODE	
13	52905GT	VALVE-RELIEF,1800 PSI Secondary boom down	1
14	52903GT	VALVE,FLOW REGULATOR,0.6 GPM Platform rotate, turntable rotate and jib boom circuits (Z-45/25J)	1
14-	44228GT	SEAL KIT, VALVE	
15	77053GT	VALVE,FLOW CONTROL,0.1GPM,ADJ Platform level circuit	1
16	54839GT	VALVE,COUNTERBALANCE,3500 PSI Platform level down	
17	52906GT	VALVE-RELIEF,3200 PSI System relief	1
18	48997GT	NIPPLE,DIAGNOSTIC,#4 Testing	
18-	45643GT	CAP, DUST, DIAGNOSTIC NIPPLE	
18-	48997GT	NIPPLE,DIAGNOSTIC,#4	
19	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* Brake circuit	1
19-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
20	52910GT	ORIFICE PLUG, 0.060 Steer circuit	
21	1287986GT	SWITCH,PRESS,#6SAE,600 PSI Brake circuit	1
22	52909GT	ORIFICE DISC,0.030*** Brake circuit	

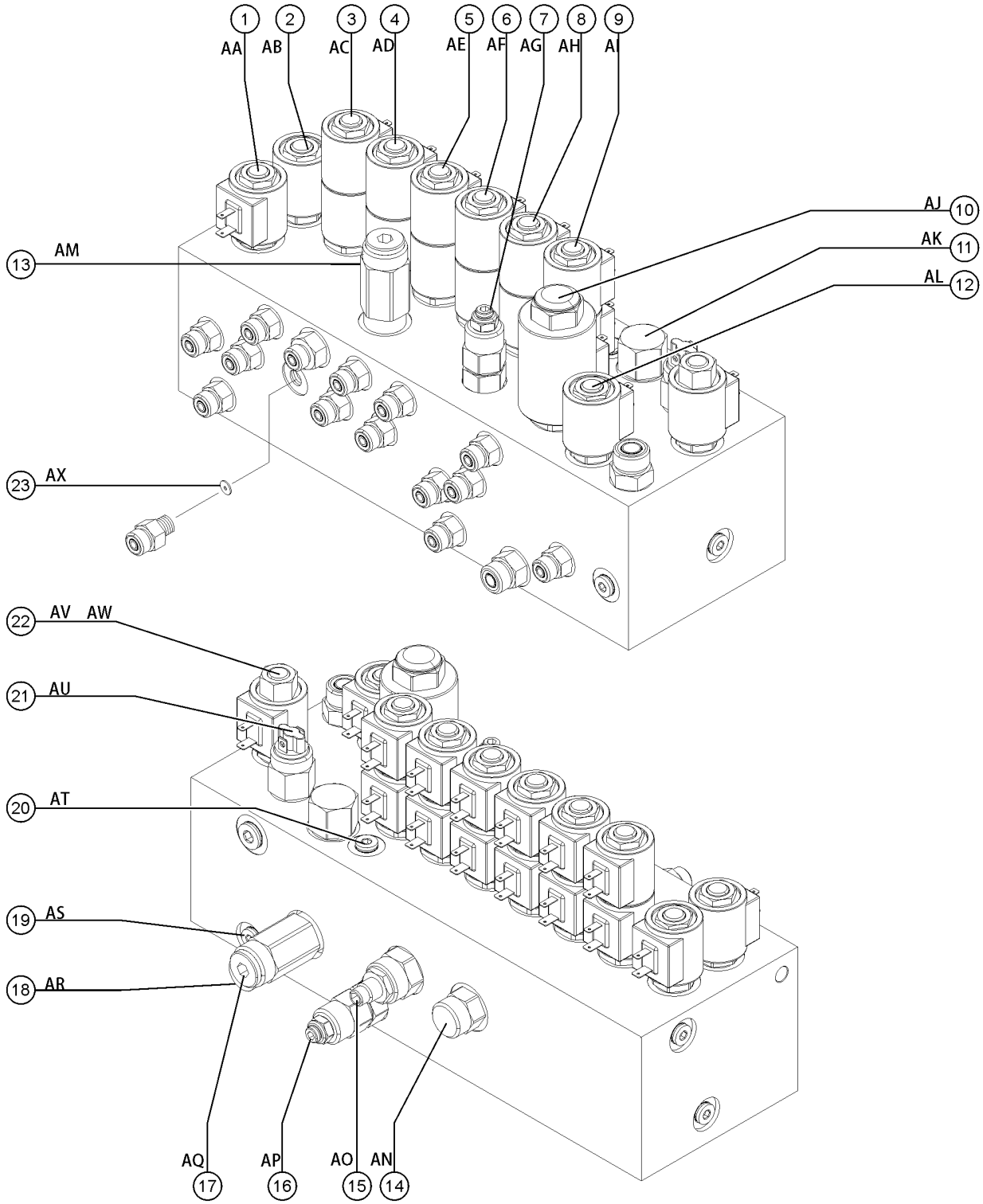
703.1 Function Manifold (from SN 17841 to 20379)



703.1 Function Manifold (from SN 17841 to 20379)

Item	Part No.	Description	Qty.
22-	44997GT	VALVE,SOLENOID,2POS 2WAY N.O.*	1
22-	52594GT	COIL,20V DS W/DIODE	
23	47092GT	ORIFICE DISC,.046",GREEN Secondary boom up	

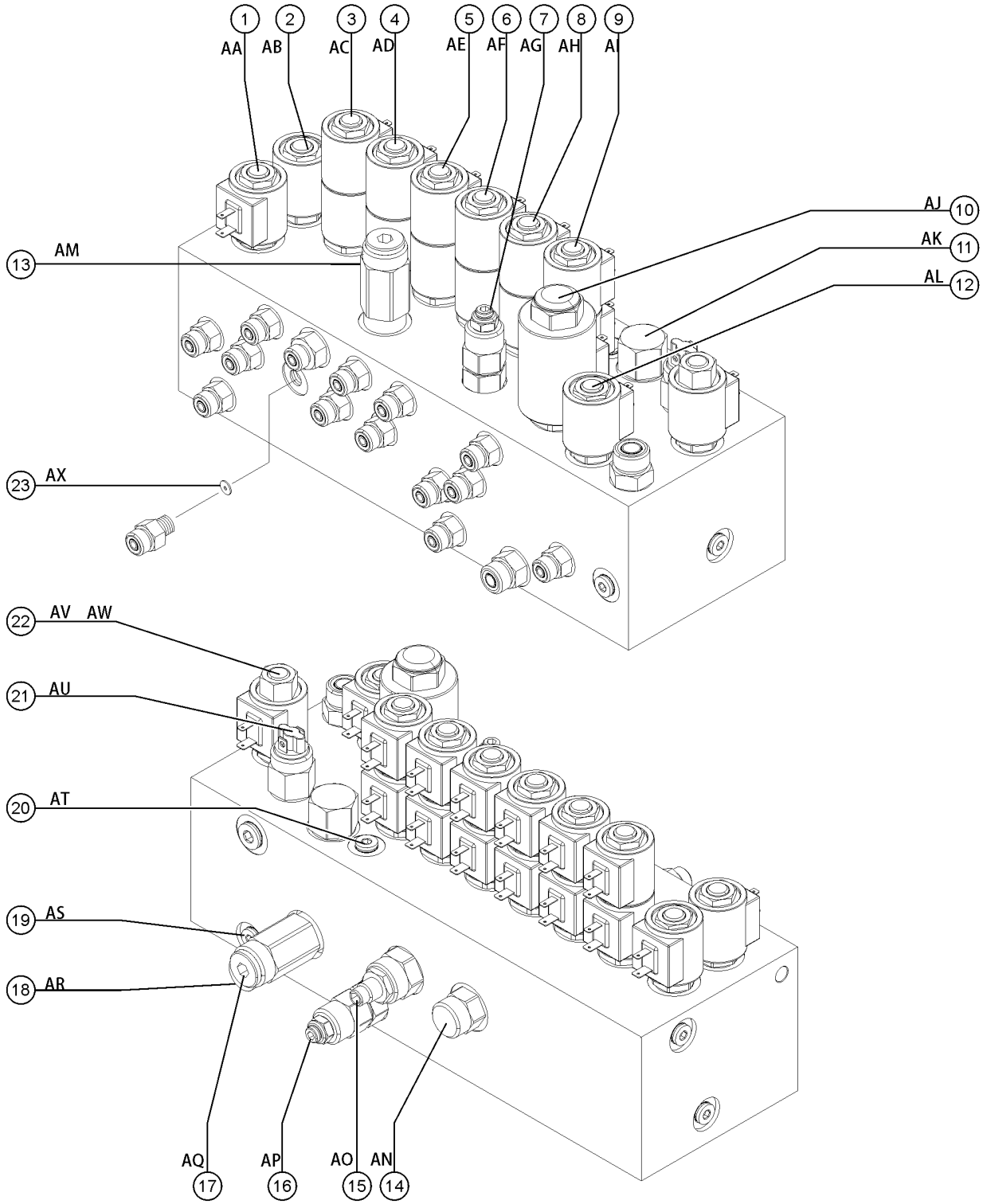
703.2 Function Manifold (from SN 17841 to 20379)



703.2 Function Manifold (from SN 17841 to 20379)

Item	Part No.	Description	Qty.
A-	77305GT	MANIFOLD,FUNC,DC/BI,DS,ADJ****	
B-	77140GT	HARNESS,MANIFOLD,Z45 BI/DC	
C-	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
D-	49612GT	O-RING KIT (ORFS FITTINGS)	
E-	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
F-	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	52897GT	VALVE,SOLENOID, 2POS/3WAY*** Primary boom retract	1
1-	52594GT	COIL,20V DS W/DIODE	
1-	52371GT	SEAL KIT, VALVE	
2	52897GT	VALVE,SOLENOID, 2POS/3WAY*** Primary boom extend	1
2-	52594GT	COIL,20V DS W/DIODE	
2-	52371GT	SEAL KIT, VALVE	
3	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** Primary boom up/down	1
3-	52594GT	COIL,20V DS W/DIODE	
3-	44174GT	NUT-COIL SHORT	
3-	44229GT	SEAL KIT, VALVE	
4	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** Secondary boom up/down	1
4-	52594GT	COIL,20V DS W/DIODE	
4-	44174GT	NUT-COIL SHORT	
4-	44229GT	SEAL KIT, VALVE	
5	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** Turntable rotate left/right	1
5-	44174GT	NUT-COIL SHORT	
5-	44229GT	SEAL KIT, VALVE	
5-	52594GT	COIL,20V DS W/DIODE	
6	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** Platform rotate left/right and jib boom up/down (Z-45/25J)	1
6-	52594GT	COIL,20V DS W/DIODE	
6-	44174GT	NUT-COIL SHORT	
6-	44229GT	SEAL KIT, VALVE	

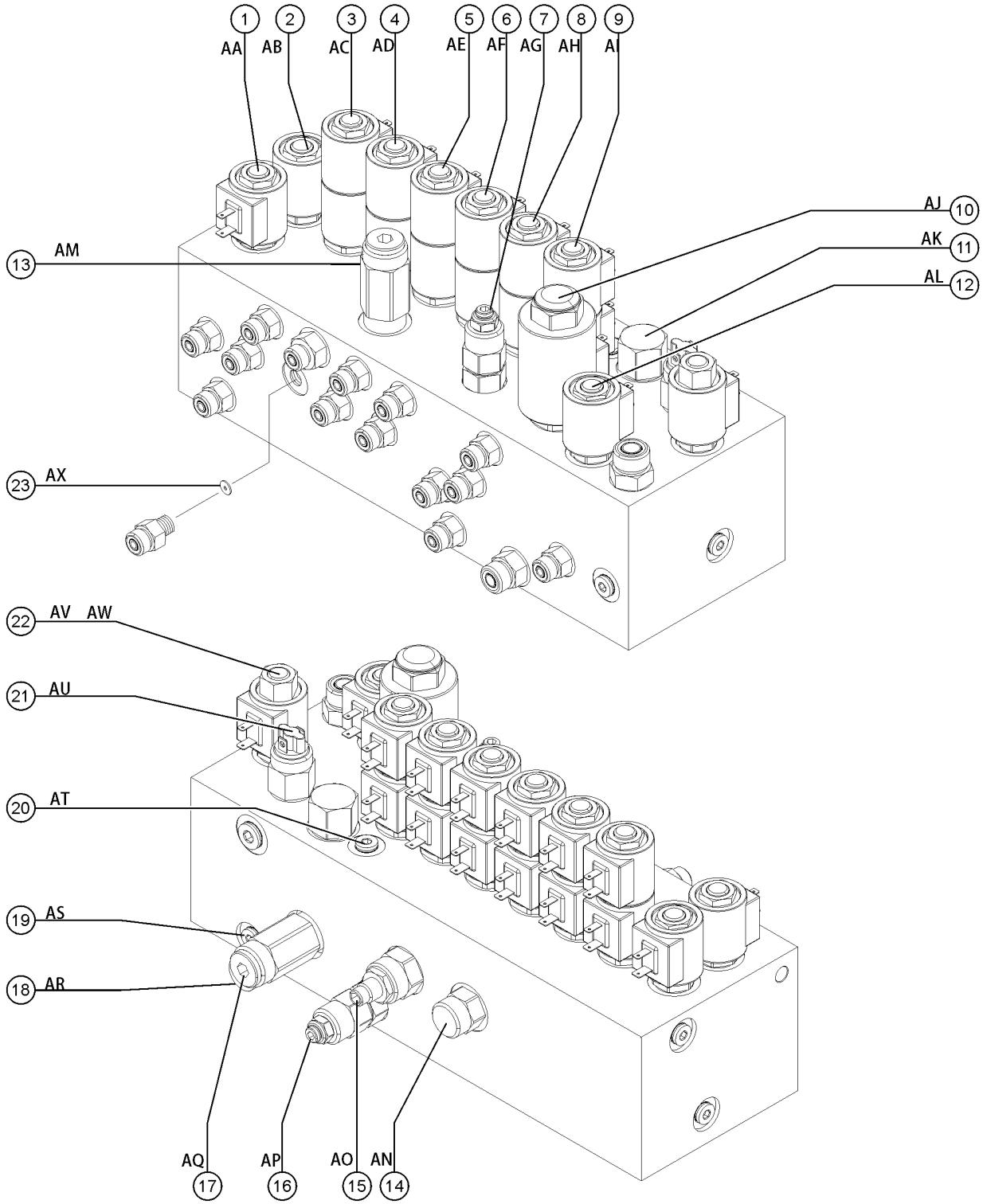
703.2 Function Manifold (from SN 17841 to 20379)



703.2 Function Manifold (from SN 17841 to 20379)

Item	Part No.	Description	Qty.
7	54839GT	VALVE,COUNTERBALANCE,3500 PSI Platform level up	1
8	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** Platform level up/down	1
8-	52594GT	COIL,20V DS W/DIODE	
8-	44174GT	NUT-COIL SHORT	
8-	44229GT	SEAL KIT, VALVE	
9	52912GT	VALVE-SOLENOID,3POSITION,4WAY* Steer left/right	1
9-	52594GT	COIL,20V DS W/DIODE	
9-	52594GT	COIL,20V DS W/DIODE	1
9-	44229GT	SEAL KIT, VALVE	
10	52901GT	VALVE,PROPORTIONAL,24V-N.C. Controls flow to functions	1
10-	52896GT	COIL,24VDC,DUAL SPADE,SIZE 10	
11	52911GT	VALVE-LOAD SENSING All functions	1
12	101934GT	VALVE,SOLENOID,2 POS 2 WAY Brake circuit	1
12-	52594GT	COIL,20V DS W/DIODE	
13	52905GT	VALVE-RELIEF,1800 PSI Secondary boom down	1
14	52903GT	VALVE,FLOW REGULATOR,0.6 GPM Platform rotate, turntable rotate and jib boom circuits (Z-45/25J)	1
14-	44228GT	SEAL KIT, VALVE	
15	77231GT	VALVE,NEEDLE/CHECK,FINE THRD Platform level circuit	1
16	54839GT	VALVE,COUNTERBALANCE,3500 PSI Platform level down	
17	52906GT	VALVE-RELIEF,3200 PSI System relief	1
18	48997GT	NIPPLE,DIAGNOSTIC,#4 Testing	
18-	45643GT	CAP, DUST, DIAGNOSTIC NIPPLE	
18-	48997GT	NIPPLE,DIAGNOSTIC,#4	
19	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* Brake circuit	1
19-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
20	52910GT	ORIFICE PLUG, 0.060 Steer circuit	
21	1287986GT	SWITCH,PRESS,#6SAE,600 PSI Brake circuit	1
22	52909GT	ORIFICE DISC,0.030*** Brake circuit	

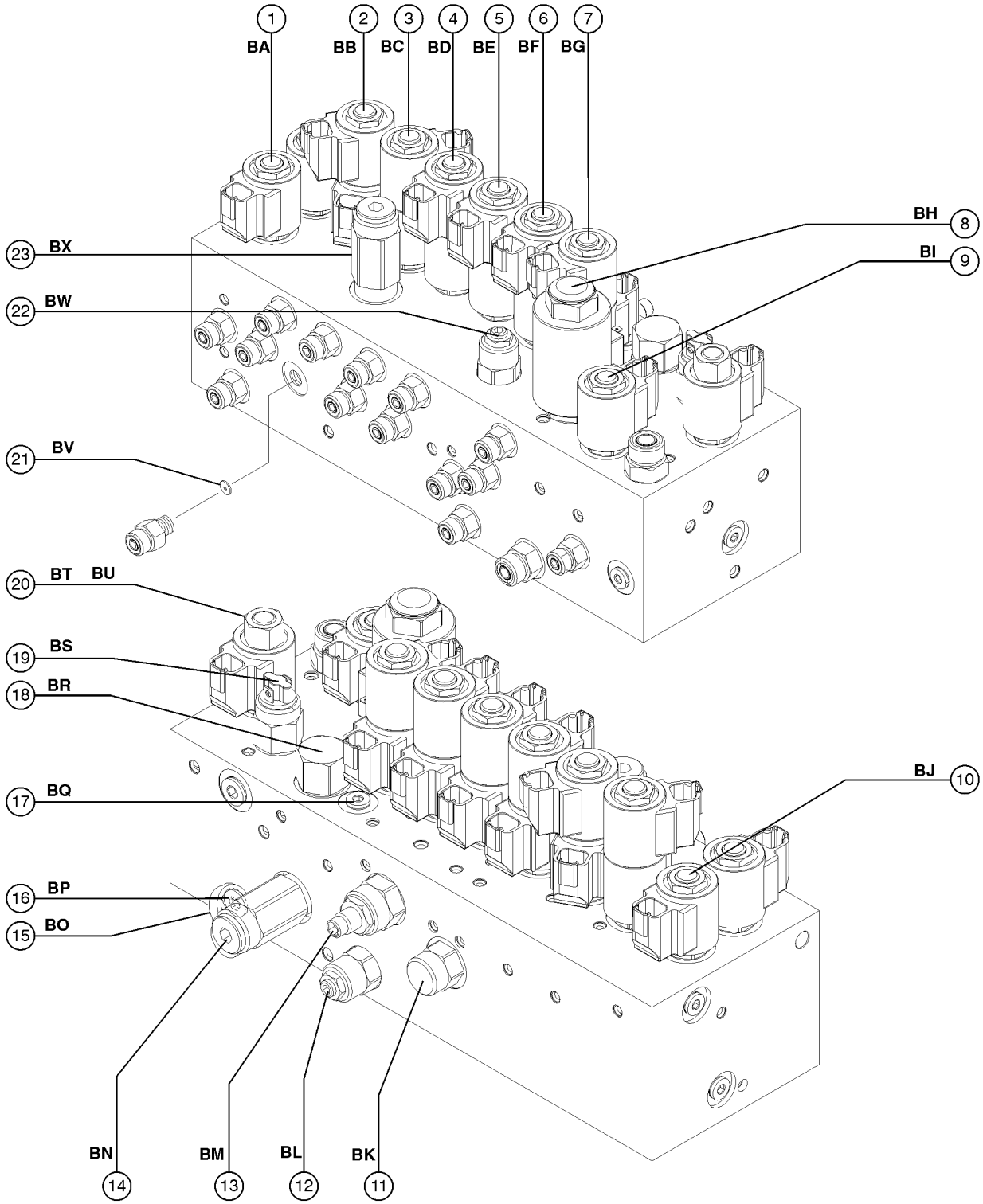
703.2 Function Manifold (from SN 17841 to 20379)



703.2 Function Manifold (from SN 17841 to 20379)

Item	Part No.	Description	Qty.
22-	44997GT	VALVE,SOLENOID,2POS 2WAY N.O.*	1
22-	52594GT	COIL,20V DS W/DIODE	
23	47092GT	ORIFICE DISC,.046",GREEN Secondary boom up	

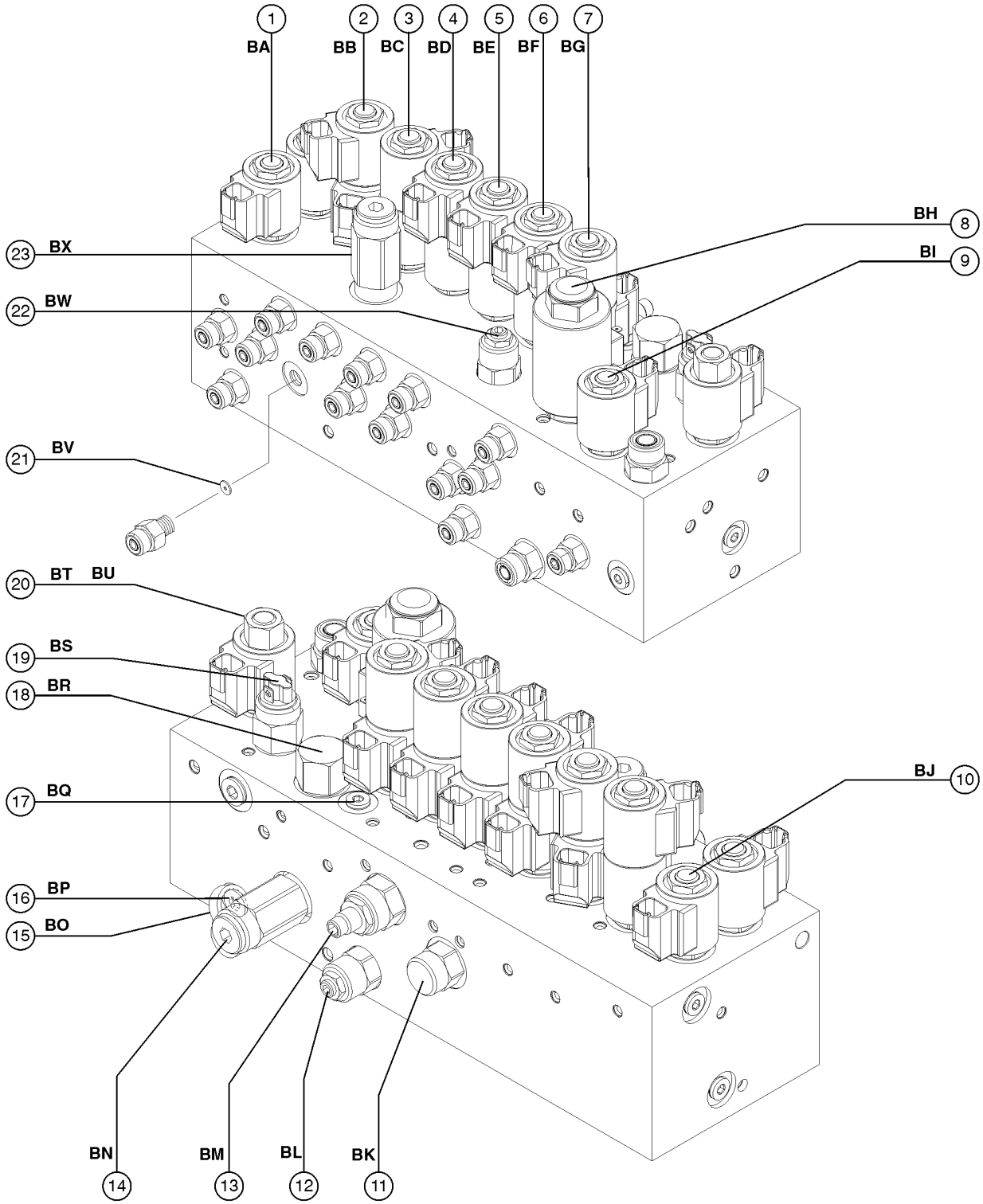
704.1 Function Manifold (from SN 20380 to 22565)



704.1 Function Manifold (from SN 20380 to 22565)

Item	Part No.	Description	Qty.
	88699GT	MANIFOLD,FUNCTION DC/BI***	
	77140GT	HARNESS,MANIFOLD,Z45 BI/DC	
	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	52897GT	VALVE,SOLENOID, 2POS/3WAY*** Primary boom retract	1
1-	77709GT	COIL,#8 20VDC,DEUTSCH W/DIOD	
1-	52371GT	SEAL KIT, VALVE	
2	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** Primary boom up/down	1
2-	77709GT	COIL,#8 20VDC,DEUTSCH W/DIOD	
2-	77709GT	COIL,#8 20VDC,DEUTSCH W/DIOD	
2-	44229GT	SEAL KIT, VALVE	
3	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** Secondary boom up/down	1
3-	77709GT	COIL,#8 20VDC,DEUTSCH W/DIOD	
3-	77709GT	COIL,#8 20VDC,DEUTSCH W/DIOD	
3-	44229GT	SEAL KIT, VALVE	
4	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** Turntable rotate left/right	1
4-	77709GT	COIL,#8 20VDC,DEUTSCH W/DIOD	
4-	77709GT	COIL,#8 20VDC,DEUTSCH W/DIOD	
4-	44229GT	SEAL KIT, VALVE	
5	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** Platform rotate left/right and jib boom up/down (Z-45/25J)	1
5-	77709GT	COIL,#8 20VDC,DEUTSCH W/DIOD	
5-	77709GT	COIL,#8 20VDC,DEUTSCH W/DIOD	
5-	44229GT	SEAL KIT, VALVE	
6	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** Platform level up/down	1
6-	77709GT	COIL,#8 20VDC,DEUTSCH W/DIOD	
6-	77709GT	COIL,#8 20VDC,DEUTSCH W/DIOD	

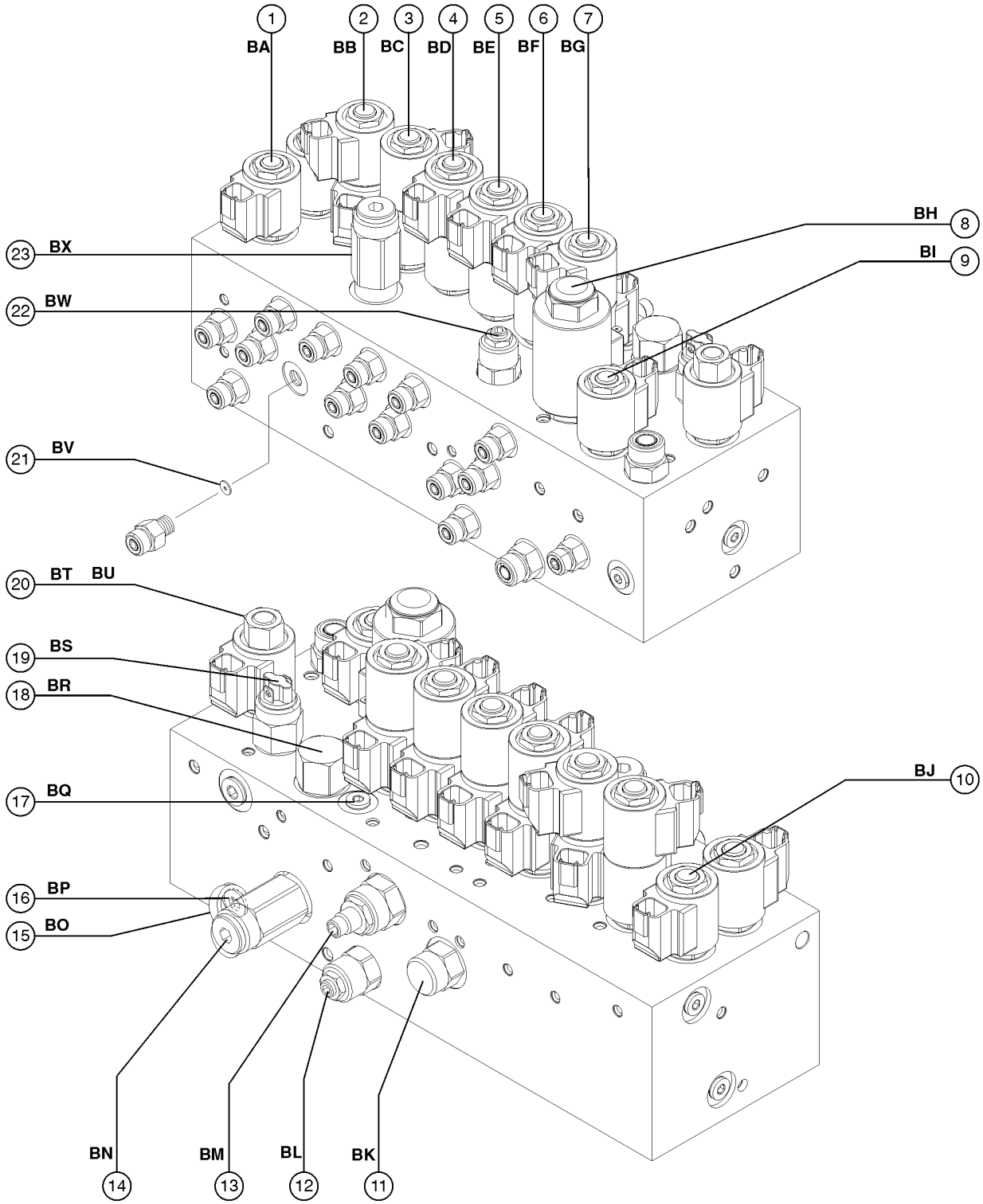
704.1 Function Manifold (from SN 20380 to 22565)



704.1 Function Manifold (from SN 20380 to 22565)

Item	Part No.	Description	Qty.
6-	44229GT	SEAL KIT, VALVE	
7	52912GT	VALVE-SOLENOID,3POSITION,4WAY* Steer left/right	1
7-	77709GT	COIL,#8 20VDC,DEUTSCH W/DIOD	
7-	77709GT	COIL,#8 20VDC,DEUTSCH W/DIOD	
7-	44229GT	SEAL KIT, VALVE	
8	52901GT	VALVE,PROPORTIONAL,24V-N.C. Controls flow to functions	1
8-	101933GT	COIL,DUAL SPADE,24V DC	
9	101934GT	VALVE,SOLENOID,2 POS 2 WAY Brake circuit	1
9-	77709GT	COIL,#8 20VDC,DEUTSCH W/DIOD	
10	52897GT	VALVE,SOLENOID, 2POS/3WAY*** Primary boom extend	1
10-	77709GT	COIL,#8 20VDC,DEUTSCH W/DIOD	
10-	52371GT	SEAL KIT, VALVE	
11	52903GT	VALVE,FLOW REGULATOR,0.6 GPM Platform rotate and turntable rotate circuits	1
11-	44228GT	SEAL KIT, VALVE	
12	77303GT	VALVE, CNTRBAL 3500 PSI, ATM VEN Platform level down	1
13	77231GT	VALVE,NEEDLE/CHECK,FINE THRD Platform level circuit	1
14	52906GT	VALVE-RELIEF,3200 PSI System relief	1
15	48997GT	NIPPLE,DIAGNOSTIC,#4 Testing	1
15-	45643GT	CAP, DUST, DIAGNOSTIC NIPPLE	
15-	48997GT	NIPPLE,DIAGNOSTIC,#4	
16	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* Brake circuit	1
16-	52341GT	PARKING BRAKE SYSTEM	
17	52910GT	ORIFICE PLUG, 0.060 Steer circuit	1
18	52911GT	VALVE-LOAD SENSING All functions	1
19	1287986GT	SWITCH,PRESS,#6SAE,600 PSI Brake circuit	1
20	44997GT	VALVE,SOLENOID,2POS 2WAY N.O.* Brake circuit	1
20-	52909GT	ORIFICE DISC,0.030***	
21	47092GT	ORIFICE DISC,.046",GREEN Secondary boom up	1

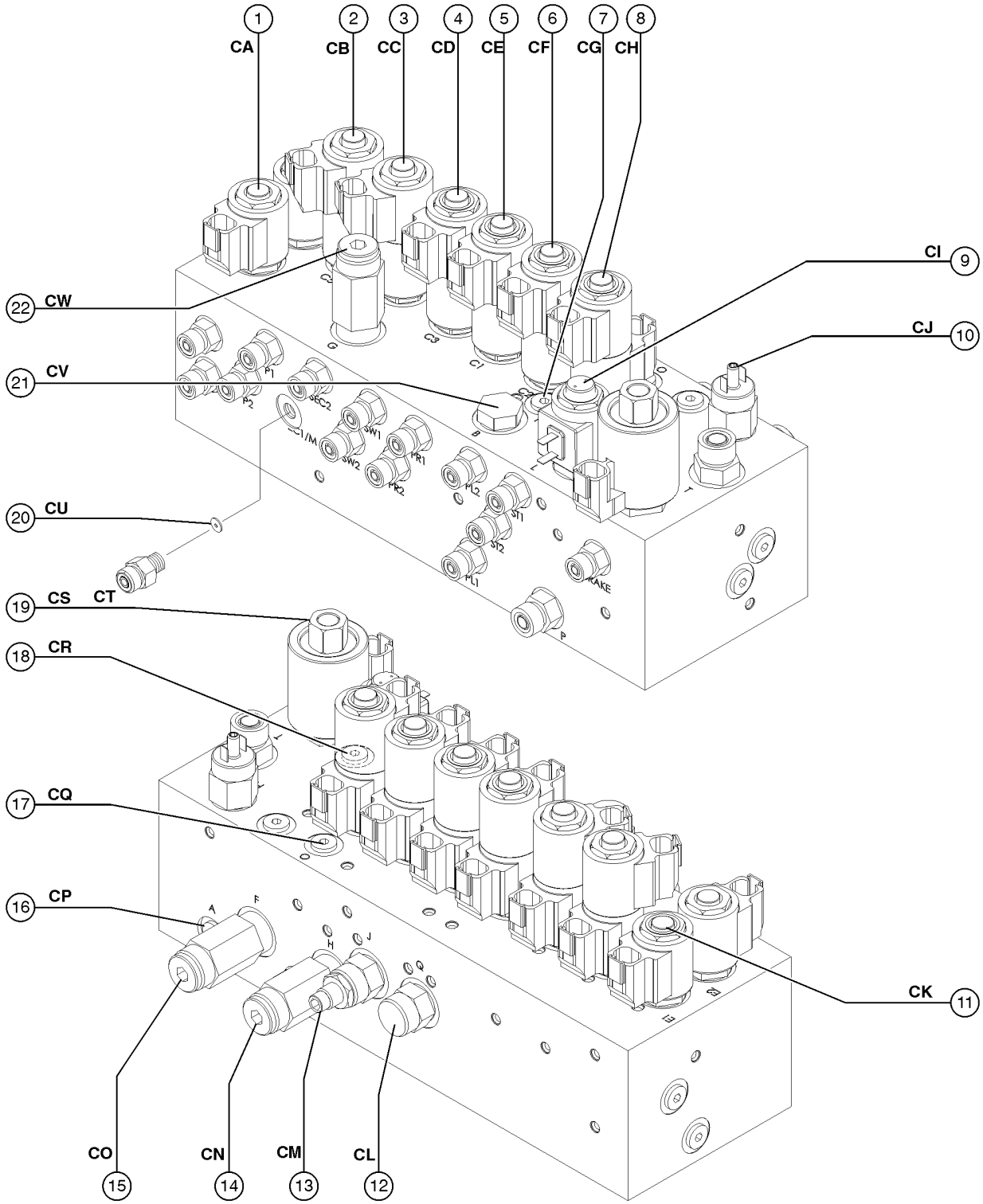
704.1 Function Manifold (from SN 20380 to 22565)



704.1 Function Manifold (from SN 20380 to 22565)

Item	Part No.	Description	Qty.
22	52909GT	ORIFICE DISC,0.030*** ..... Platform level up	1
23	52905GT	VALVE-RELIEF,1800 PSI ..... Secondary boom down	1

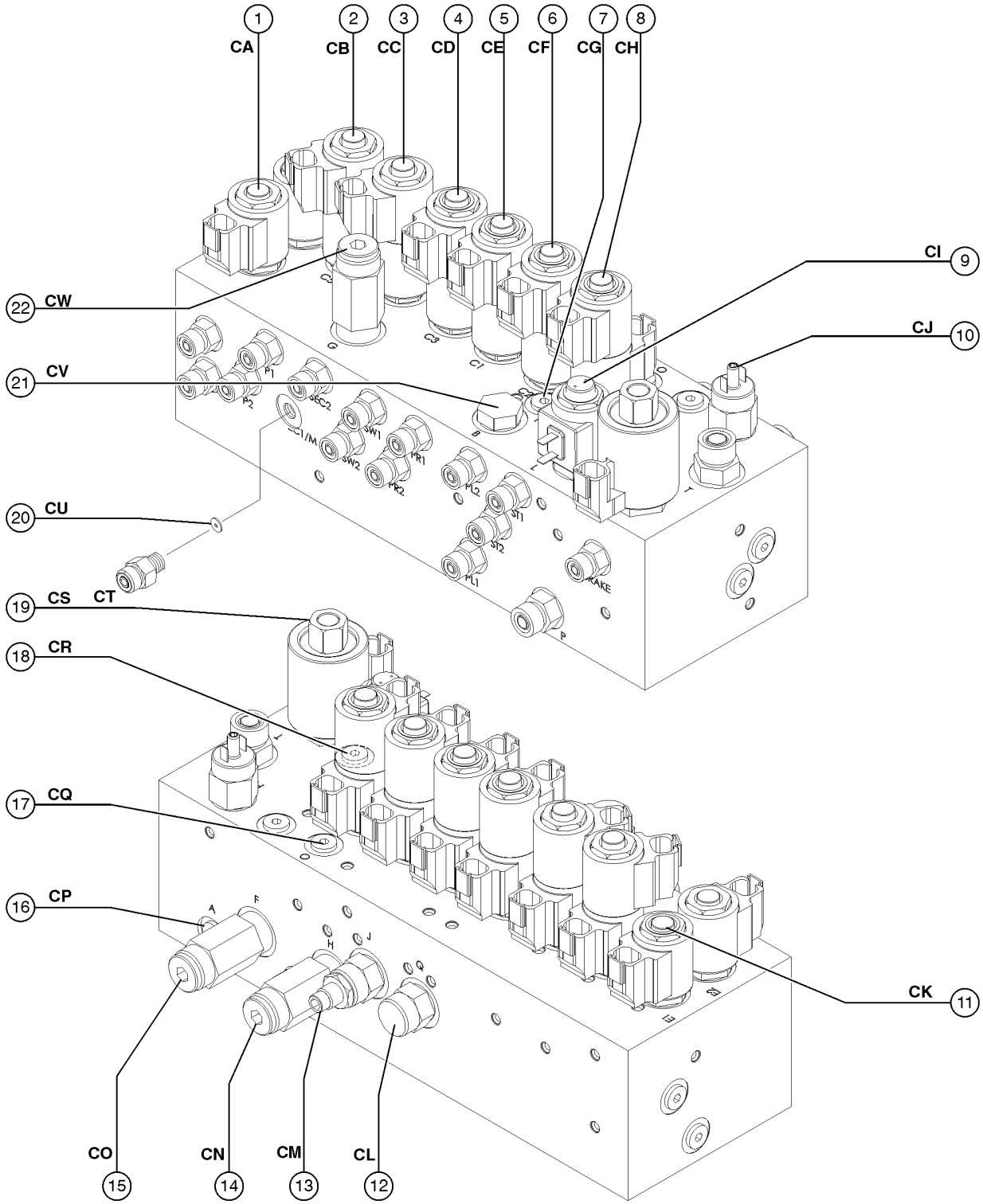
705.1 Function Manifold (from SN 22566)



705.1 Function Manifold (from SN 22566)

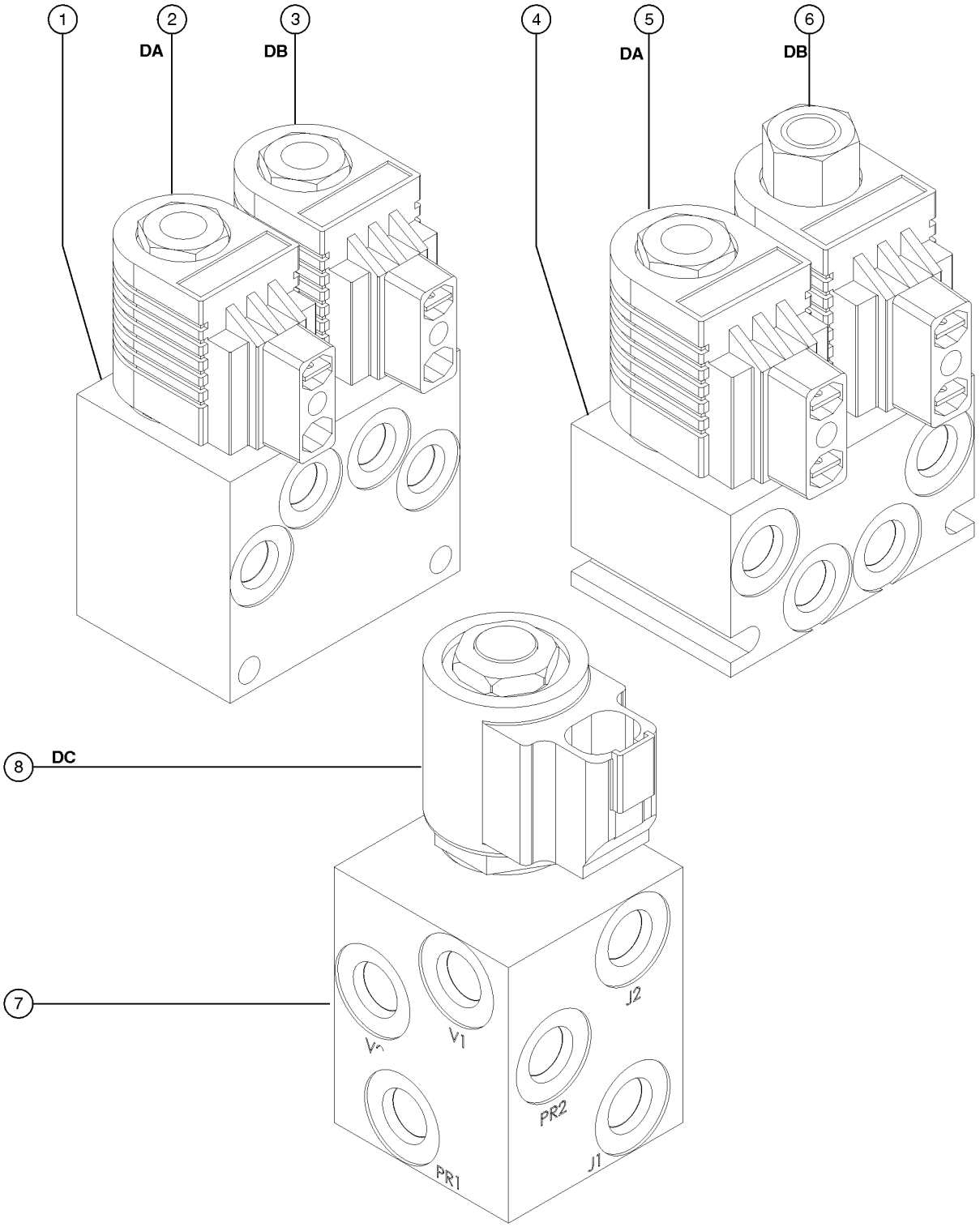
Item	Part No.	Description	Qty.
	94860GT	MANIFOLD,FUNCTION DC/BI*** (from SN 22566 to 22628)	
	101914GT	MANIFOLD,FUNCTION W/O ORIFICE* (from SN 22629 to 23235)	
	94860GT	MANIFOLD,FUNCTION DC/BI*** (from SN 23236)	
1	52897GT	VALVE,SOLENOID, 2POS/3WAY*** Primary boom retract	1
1-	77709GT	COIL,#8 20VDC,DEUTSCH W/DIOD	
1-	52371GT	SEAL KIT, VALVE	
2	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** Primary boom up/down	1
2-	77709GT	COIL,#8 20VDC,DEUTSCH W/DIOD	
2-	44229GT	SEAL KIT, VALVE	
3	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** Secondary boom up/down	1
3-	77709GT	COIL,#8 20VDC,DEUTSCH W/DIOD	
3-	44229GT	SEAL KIT, VALVE	
4	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** Turntable rotate left/right	1
4-	77709GT	COIL,#8 20VDC,DEUTSCH W/DIOD	
4-	44229GT	SEAL KIT, VALVE	
5	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** Platform rotate left/right and jib boom up/down (Z-45/25J)	1
5-	77709GT	COIL,#8 20VDC,DEUTSCH W/DIOD	
5-	44229GT	SEAL KIT, VALVE	
6	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** Platform level up/down	1
6-	77709GT	COIL,#8 20VDC,DEUTSCH W/DIOD	
6-	44229GT	SEAL KIT, VALVE	
7	826779GT	VALVE, SHUTTLE Platform level circuit	1
8	52912GT	VALVE-SOLENOID,3POSITION,4WAY* Steer left/right	1
8-	77709GT	COIL,#8 20VDC,DEUTSCH W/DIOD	
8-	44229GT	SEAL KIT, VALVE	
9	101057GT	VALVE,PRESS COMP,PROP DIRECT Controls flow to functions	1
9-	101058GT	COIL,24 VDC DUAL SPADE,#8	
10	1287986GT	SWITCH,PRESS,#6SAE,600 PSI Brake circuit	1

705.1 Function Manifold (from SN 22566)

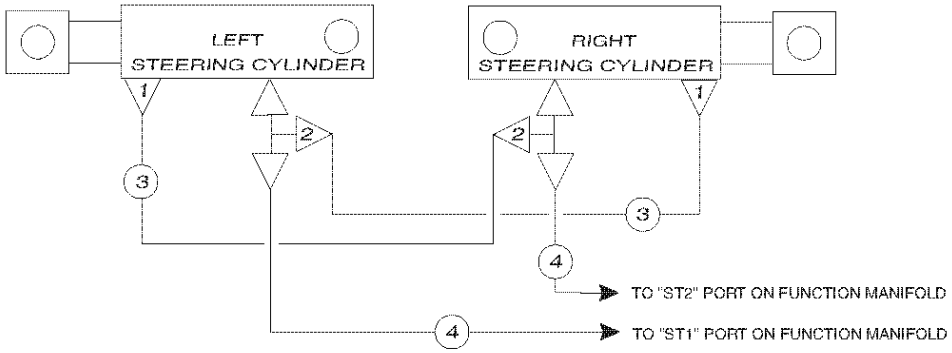


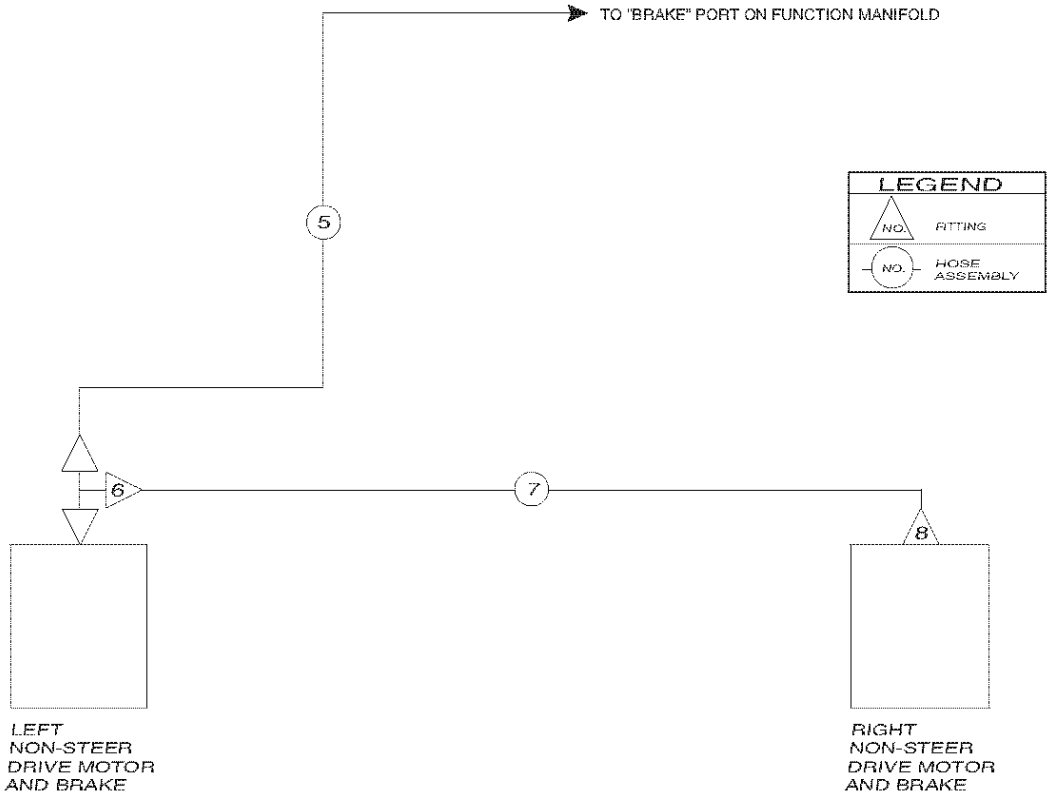
705.1 Function Manifold (from SN 22566)

Item	Part No.	Description	Qty.
11	52897GT	VALVE,SOLENOID, 2POS/3WAY*** Primary boom extend	1
11-	77709GT	COIL,#8 20VDC,DEUTSCH W/DIOD	
11-	52897GT	VALVE,SOLENOID, 2POS/3WAY***	
12	94618GT	VALVE,FLOW CONTROL,.4 GPM Platform rotate, turntable rotate and jib boom circuits (Z-45/25J)	1
13	101055GT	VALVE,NEEDLE,FINE ADJUSTMENT** Platform level circuit	1
14	101114GT	VALVE RELIEF,2500PSI(88513)** Platform level circuit	1
15	52906GT	VALVE-RELIEF,3200 PSI System relief	1
16	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* Brake circuit	1
16-	52341GT	PARKING BRAKE SYSTEM	
17	52910GT	ORIFICE PLUG, 0.060 Steer circuit	1
18	101067GT	ORIFICE PLUG,030,1/16-27 NPT Proportional valve circuit	1
19	101056GT	VALVE,DIRECTIONAL,2-WAY,3 POS Brake circuit (coil not included, order separately)	1
19-	84385GT	COIL,20VDC DEUTCSH W/DIODE	
19-	101069GT	ORIFICE DISK,.030	
20	52907GT	VALVE-CHECK, #4 SAE, 5 PSI*	
20-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
21	75453GT	VALVE,CHECK,DUAL PILOT*** Platform level circuit	1
21-	44229GT	SEAL KIT, VALVE	
22	101277GT	VALVE,RELIEF,2100 PSI*** Secondary boom down	1

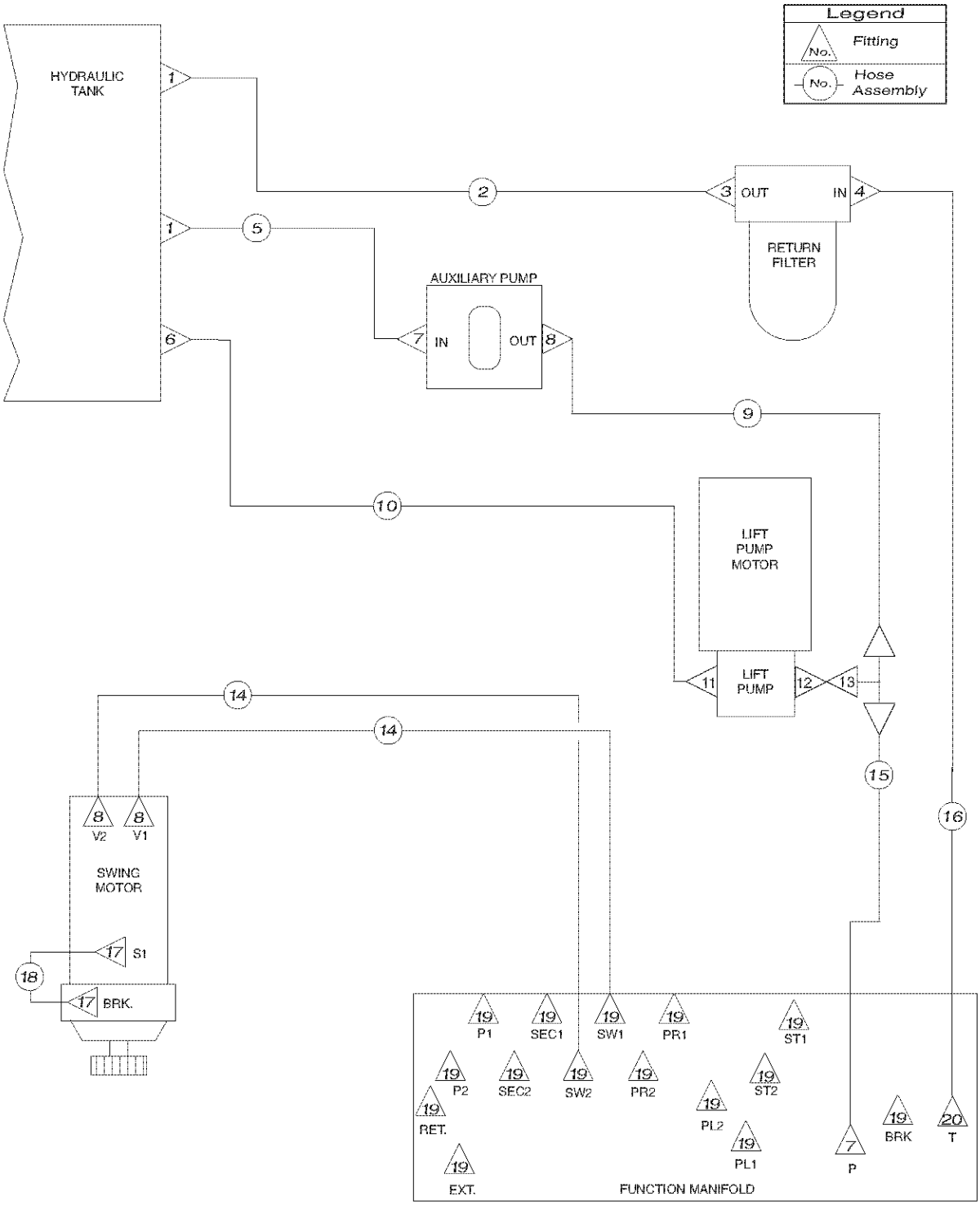

1
2
DA
3
DB
4
5
DA
6
DB
8
DC
7
V2
V1
J2
PR2
J1
PR1

Item	Part No.	Description	Qty.
1	54702GT	MANIFOLD,JIB,ROTATE 20V W/FITT (to SN 16962)	
2	44998GT	VALVE,SOLENOID,2POS 2WAY N.O.* Jib boom platform rotate select	
2-	77264GT	COIL,SOLENOID,8 DSD 20V,W/DIOD	
3	44998GT	VALVE,SOLENOID,2POS 2WAY N.O.* Jib boom platform rotate select	
3-	77264GT	COIL,SOLENOID,8 DSD 20V,W/DIOD	
4	77009GT	MANIFOLD,JIB,ROTATE 20V,W/FIT* (from SN 16963 to 19756)	
4-	77251GT	MANIFOLD,JIB,ROTATE 20V,W/FIT* (from SN 19757 to 22565)	
5	44998GT	VALVE,SOLENOID,2POS 2WAY N.O.*	
5-	77264GT	COIL,SOLENOID,8 DSD 20V,W/DIOD Jib boom platform rotate select	
6	83111GT	VALVE,SOLENOID (77009)	
6-	77264GT	COIL,SOLENOID,8 DSD 20V,W/DIOD Jib boom platform rotate select	
7	94859GT	MANIFOLD,JIB SELECT,20V*** (from SN 22566)	
8	89862GT	VALVE-SOLENOID,2POS 3WAY,JIB** Jib boom / platform rotate select	
8-	77709GT	COIL,#8 20VDC,DEUTSCH W/DIOD	

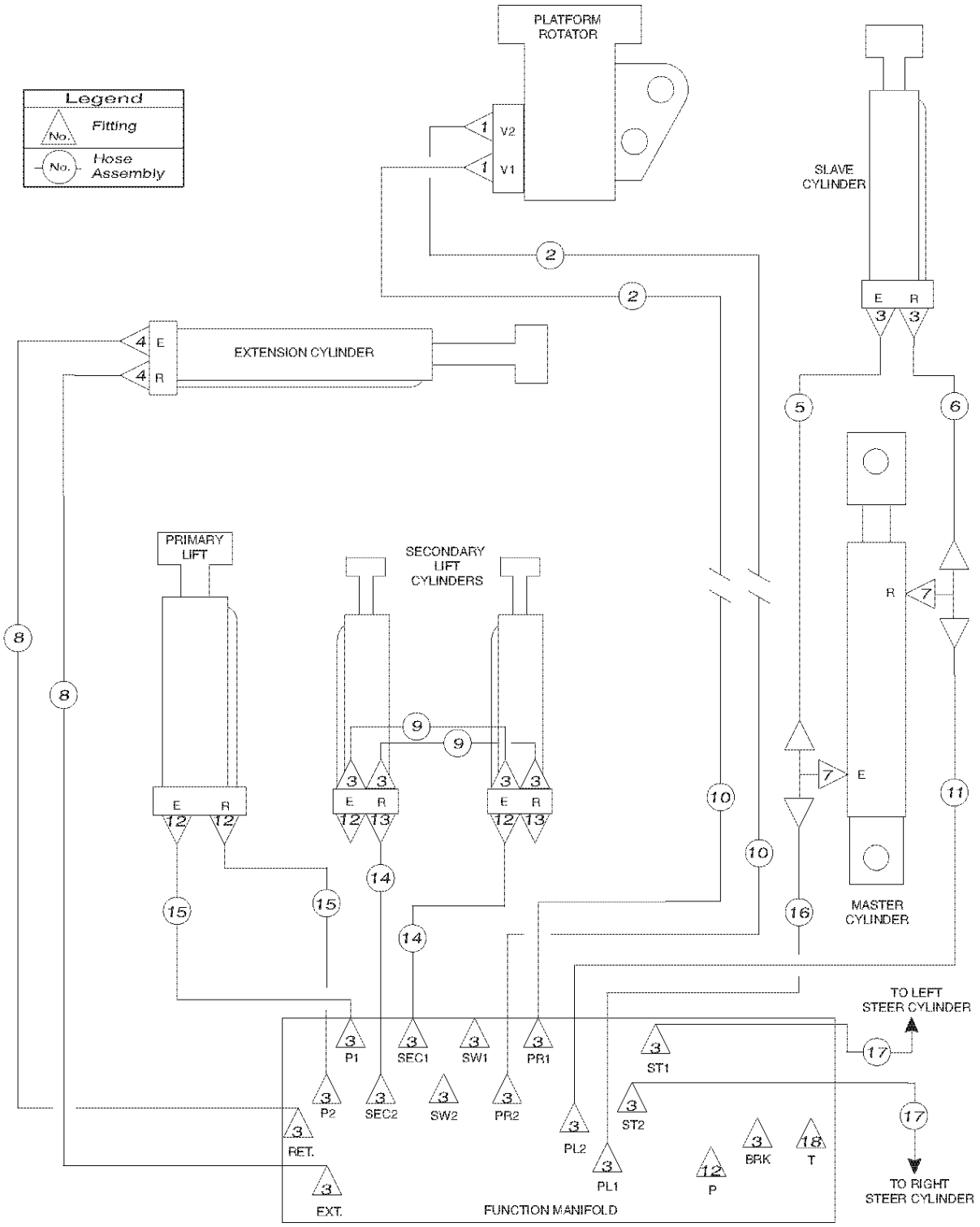

LEFT
STEERING CYLINDER
RIGHT
STEERING CYLINDER
1
2
3
4
TO "ST2" PORT ON FUNCTION MANIFOLD
TO "ST1" PORT ON FUNCTION MANIFOLD


TO "BRAKE" PORT ON FUNCTION MANIFOLD
LEGEND
NO. FITTING
NO. HOSE ASSEMBLY
5
6
7
8
LEFT
NON-STEER
DRIVE MOTOR
AND BRAKE
RIGHT
NON-STEER
DRIVE MOTOR
AND BRAKE

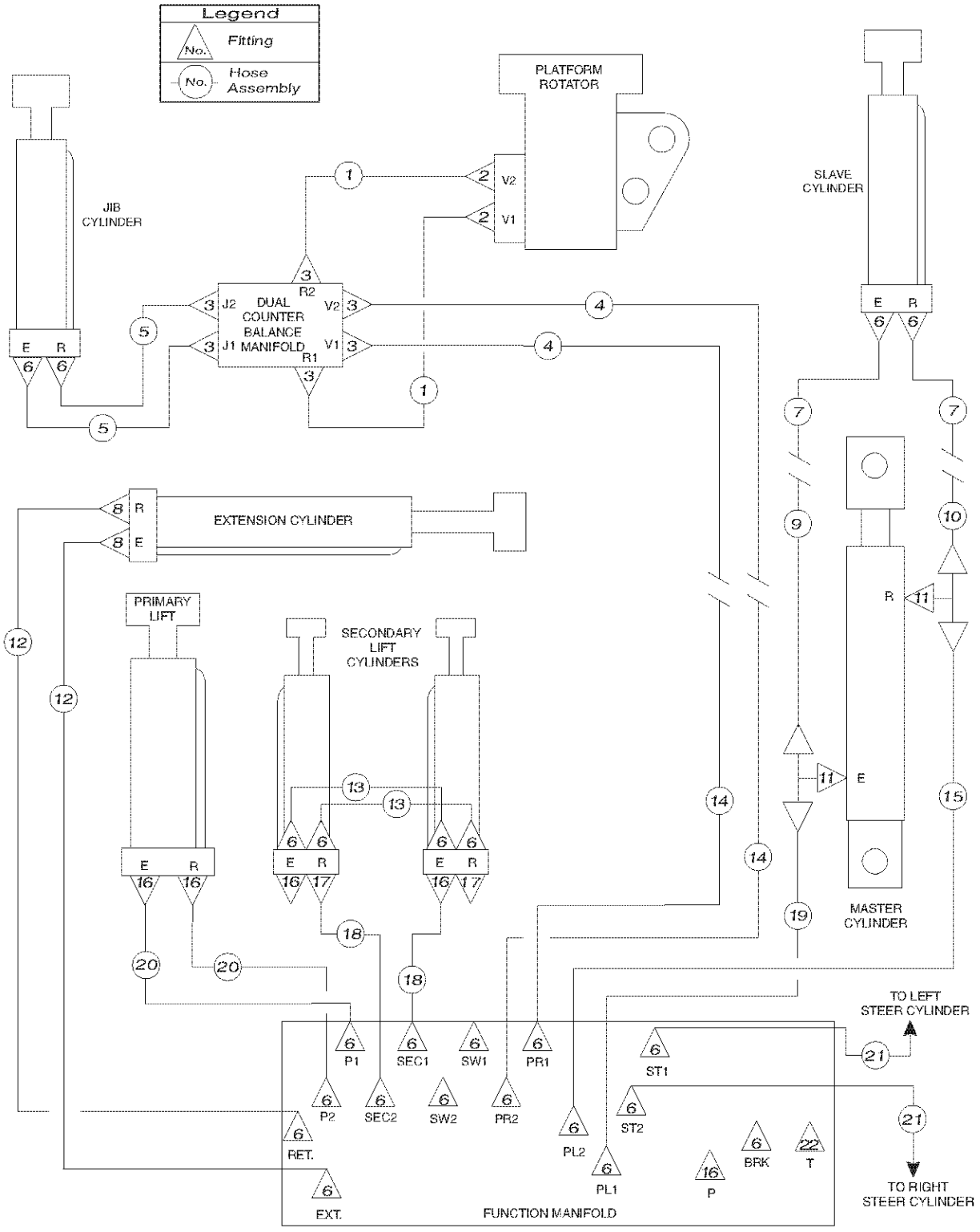
Item	Part No.	Description	Qty.
	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	48904GT	ELBOW, 90D, 520220-4	
2	48906GT	TEE,RUN,520428-4	
3	49119-2078GT	HOSE ASSY,1/4,STR FEM,STR FEM*	
4	49117-11091GT	HOSE ASSY,1/4,90 FEM,STR FEM	
5	49117-9991GT	HOSE ASSY,1/4,90 FEM,STR FEM	
6	48890GT	FITTING,TEE,BRANCH,520429-4***	
7	49117-4691GT	HOSE ASSY,1/4,90 FEM,STR FEM	
8	48904GT	ELBOW, 90D, 520220-4	


Legend
No. Fitting
No. Hose Assembly
HYDRAULIC TANK
1
2
3 OUT IN 4
RETURN FILTER
1
5
AUXILIARY PUMP
6
7 IN OUT 8
9
10
LIFT PUMP MOTOR
11 LIFT PUMP 12 13
14
14
15
16
8 V2
8 V1
SWING MOTOR
17 S1
18
17 BRK.
19 P1
19 SEC1
19 SW1
19 PR1
19 ST1
19 P2
19 SEC2
19 SW2
19 PR2
19 ST2
19 RET.
19 PL2
19 BRK
20 T
19 PL1
7 P
19 EXT.
FUNCTION MANIFOLD

Item	Part No.	Description	Qty.
	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	48944GT	CONN,520102-8-8	
2	49143-2535GT	HOSE ASSY,1/2,90 FEM,STR FEM	
3	48947GT	ELBOW,90D,520220-8-12	
4	48948GT	CONN,520120-8-12	
5	77059-2986GT	HOSE ASSY,MULTI USE***	
6	60131GT	STRAINER ASSY.PLASTIC,1.25 MPT	
7	48916GT	CONN, 520120-6	
8	48911GT	ELBOW,90D,520220-4-6***	
9	49164-2043GT	HOSE ASSY 1/4,90 DEG FEM,STR F	
10	119812-4126GT	ASSY, HOSE,1/2,STR FEM, STR FEM	
11	48975GT	CONN,520120-12-10	
12	48999GT	VALVE,CHK,#8PORT-#8MALEORFS	
13	48939GT	TEE,BRANCH,520433-8	
14	49119-3378GT	HOSE ASSY,1/4,STR FEM,STR FEM	
15	77059-2986GT	HOSE ASSY,MULTI USE***	
16	49143-2135GT	HOSE ASSY,1/2,90 FEM,STR FEMD*	
17	48905GT	CONNECTOR, 520120-4	
18	54319-1404-SGT	HOSE ASSY,1/4",100R1,90F/90F component part of swing motor after SN 18265	
19	48912GT	CONN,520120-4-6***	
20	48942GT	ELBOW, 90, 24 C5OLO-S	

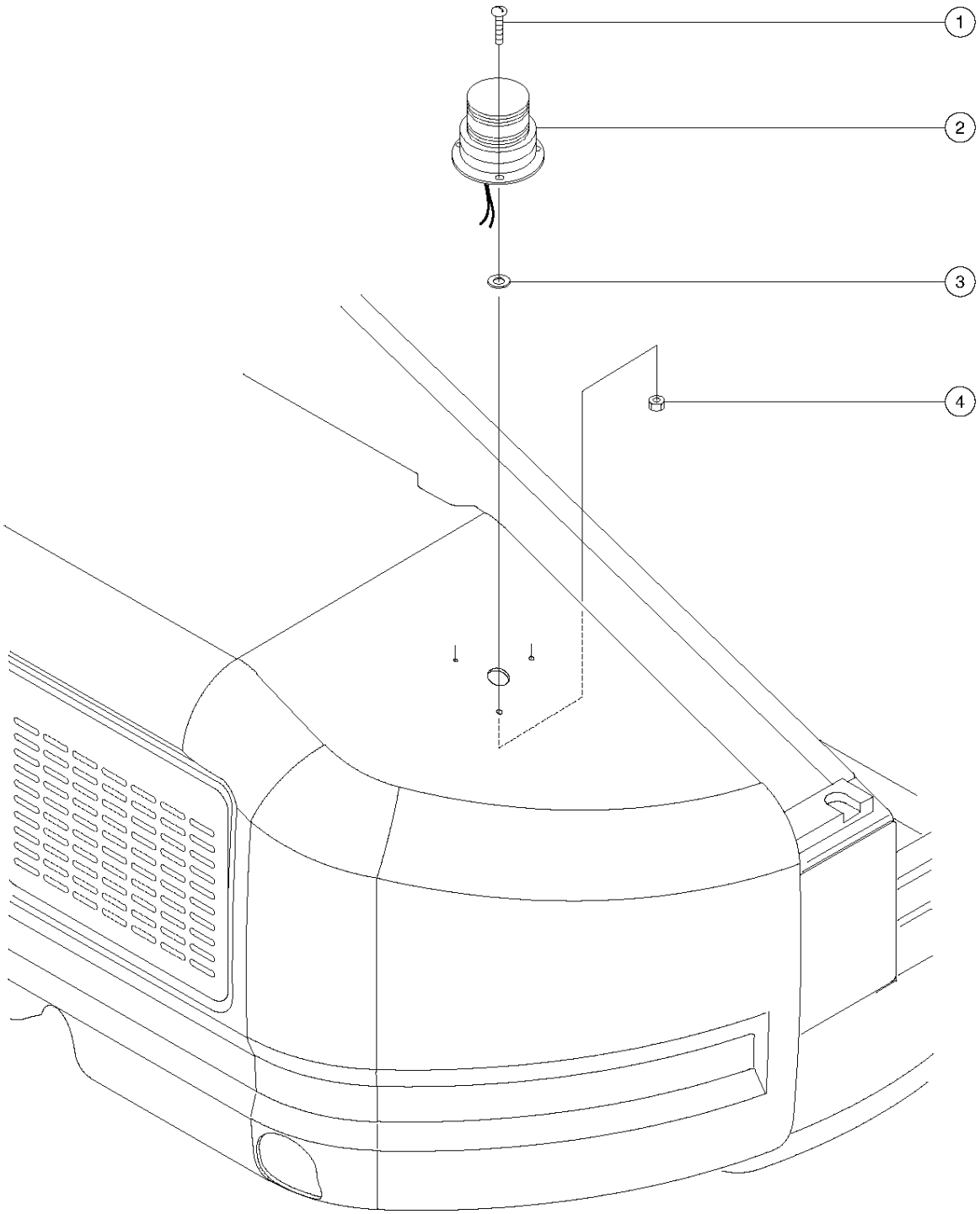

Legend
No. Fitting
No. Hose Assembly
PLATFORM ROTATOR
1 V2
1 V1
SLAVE CYLINDER
2
2
E R
3 3
4 E
4 R
EXTENSION CYLINDER
5
6
PRIMARY LIFT
SECONDARY LIFT CYLINDERS
R
7
8
8
9
9
3 3
E R
12 12
3 3
E R
12 13
3 3
E R
12 13
7 E
10
11
10
14
15
15
16
MASTER CYLINDER
14
TO LEFT STEER CYLINDER
17
3 P1
3 SEC1
3 SW1
3 PR1
3 ST1
3 P2
3 SEC2
3 SW2
3 PR2
3 ST2
17
3 RET.
3 PL2
3 BRK
18 T
3 PL1
12 P
3 EXT.
FUNCTION MANIFOLD
TO RIGHT STEER CYLINDER

Item	Part No.	Description	Qty.
	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	48904GT	ELBOW, 90D, 520220-4	
2	49119-27978GT	HOSE ASSY,1/4,STR FEM,STR FEMM	
3	48912GT	CONN,520120-4-6***	
4	48917GT	CONN,LONG,520122-6	
5	49119-21978GT	HOSE ASSY,1/4,STR FEM,STR FEM	
6	49119-23478GT	HOSE ASSY,1/4,STR FEM,STR FEM	
7	48919GT	TEE,BRANCH,520429-6	
8	49120-33381GT	HOSE ASSY 1/4, STR FEM,STR FEM	
9	49119-2078GT	HOSE ASSY,1/4,STR FEM,STR FEM*	
10	49119-37978GT	HOSE ASSY,1/4,STR FEM,STR FEM	
11	49119-34378GT	HOSE ASSY,1/4,STR FEM,STR FEM	
12	48916GT	CONN, 520120-6	
13	48923GT	PLUG,090109A-6	
14	49119-13978GT	HOSE ASSY,1/4,STR FEM,STR FEM	
15	49119-36378GT	HOSE ASSY,1/4,STR FEM,STR FEM size 4 fittings	
15-	48927GT	CONN,520120-6-4 cylinder and manifold may be size 6 fitting	
16	49119-35678GT	HOSE ASSY,1/4,STR FEM,STR FEM	
17		Ref Hose Assembly (refer to 801.1)	
18	48942GT	ELBOW, 90, 24 C5OLO-S	


Legend
No. Fitting
No. Hose Assembly
JIB CYLINDER
PLATFORM ROTATOR
SLAVE CYLINDER
DUAL COUNTER BALANCE MANIFOLD
J1
J2
R1
R2
V1
V2
EXTENSION CYLINDER
PRIMARY LIFT
SECONDARY LIFT CYLINDERS
MASTER CYLINDER
TO LEFT STEER CYLINDER
TO RIGHT STEER CYLINDER
FUNCTION MANIFOLD
P1
P2
SEC1
SEC2
SW1
SW2
PR1
PR2
PL1
PL2
ST1
ST2
BRK
T
P
RET.
EXT.

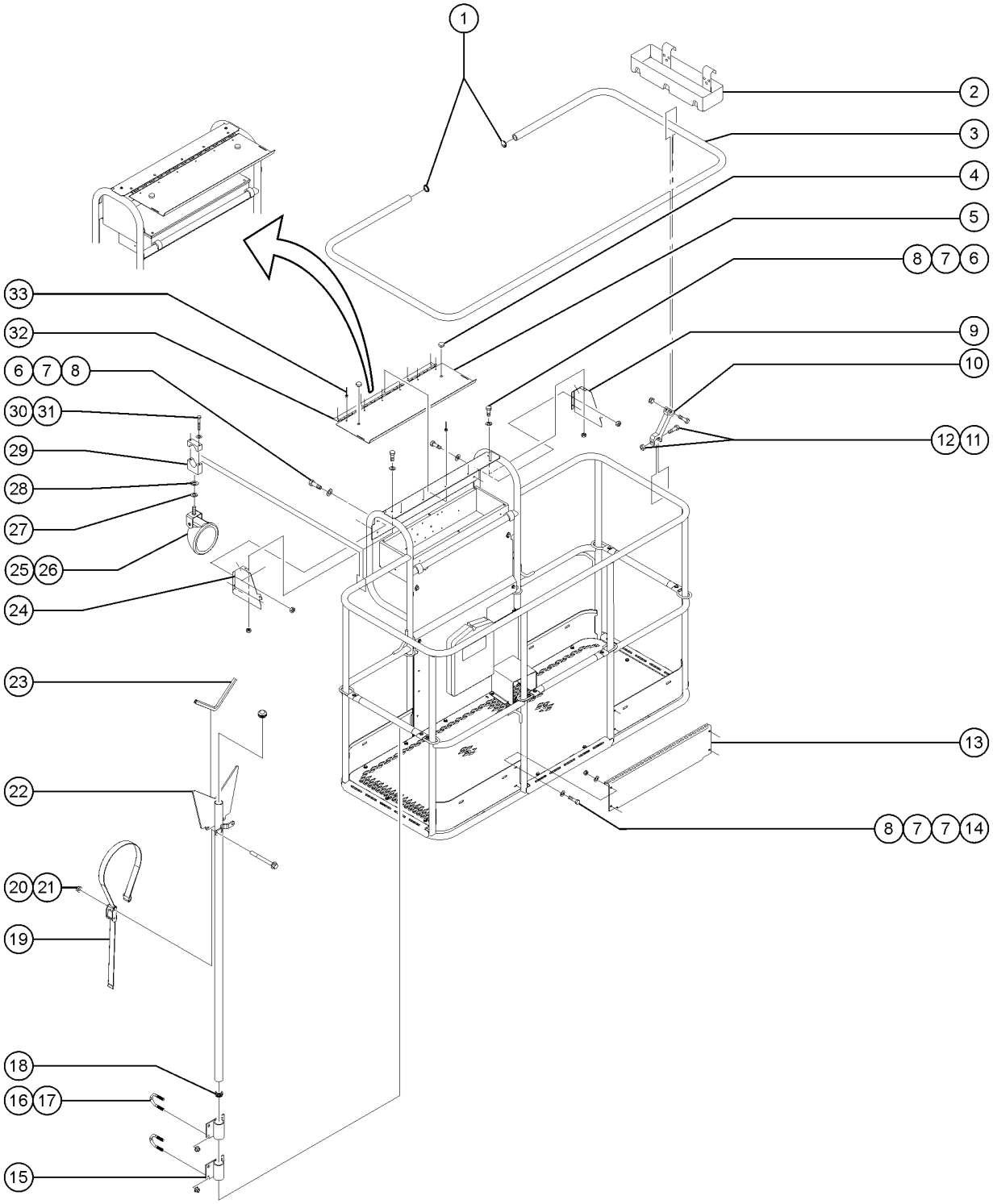
Item	Part No.	Description	Qty.
	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	49119-2078GT	HOSE ASSY,1/4,STR FEM,STR FEM*	
2	48904GT	ELBOW, 90D, 520220-4	
3	48905GT	CONNECTOR, 520120-4	
4	49119-27978GT	HOSE ASSY,1/4,STR FEM,STR FEMM	
5	49119-3878GT	HOSE ASSY,1/4,STR FEM,STR FEM	
6	48912GT	CONN,520120-4-6***	
7	49121-2088GT	HOSE ASSY 1/4,STR FEM,STR MALE	
8	48917GT	CONN,LONG,520122-6	
9	49119-21978GT	HOSE ASSY,1/4,STR FEM,STR FEM	
10	49119-23478GT	HOSE ASSY,1/4,STR FEM,STR FEM	
11	48919GT	TEE,BRANCH,520429-6	
12	49120-33381GT	HOSE ASSY 1/4, STR FEM,STR FEM	
13	49119-2078GT	HOSE ASSY,1/4,STR FEM,STR FEM*	
14	49119-37978GT	HOSE ASSY,1/4,STR FEM,STR FEM	
15	49119-34378GT	HOSE ASSY,1/4,STR FEM,STR FEM	
16	48923GT	PLUG,090109A-6	
17	48916GT	CONN, 520120-6	
18	49119-13978GT	HOSE ASSY,1/4,STR FEM,STR FEM	
19	49119-35678GT	HOSE ASSY,1/4,STR FEM,STR FEM	
20	49119-36378GT	HOSE ASSY,1/4,STR FEM,STR FEM	
21		Ref Hose Assembly (refer to 801.1)	
22	48942GT	ELBOW, 90, 24 C5OLO-S	

901.1 Flashing Beacon



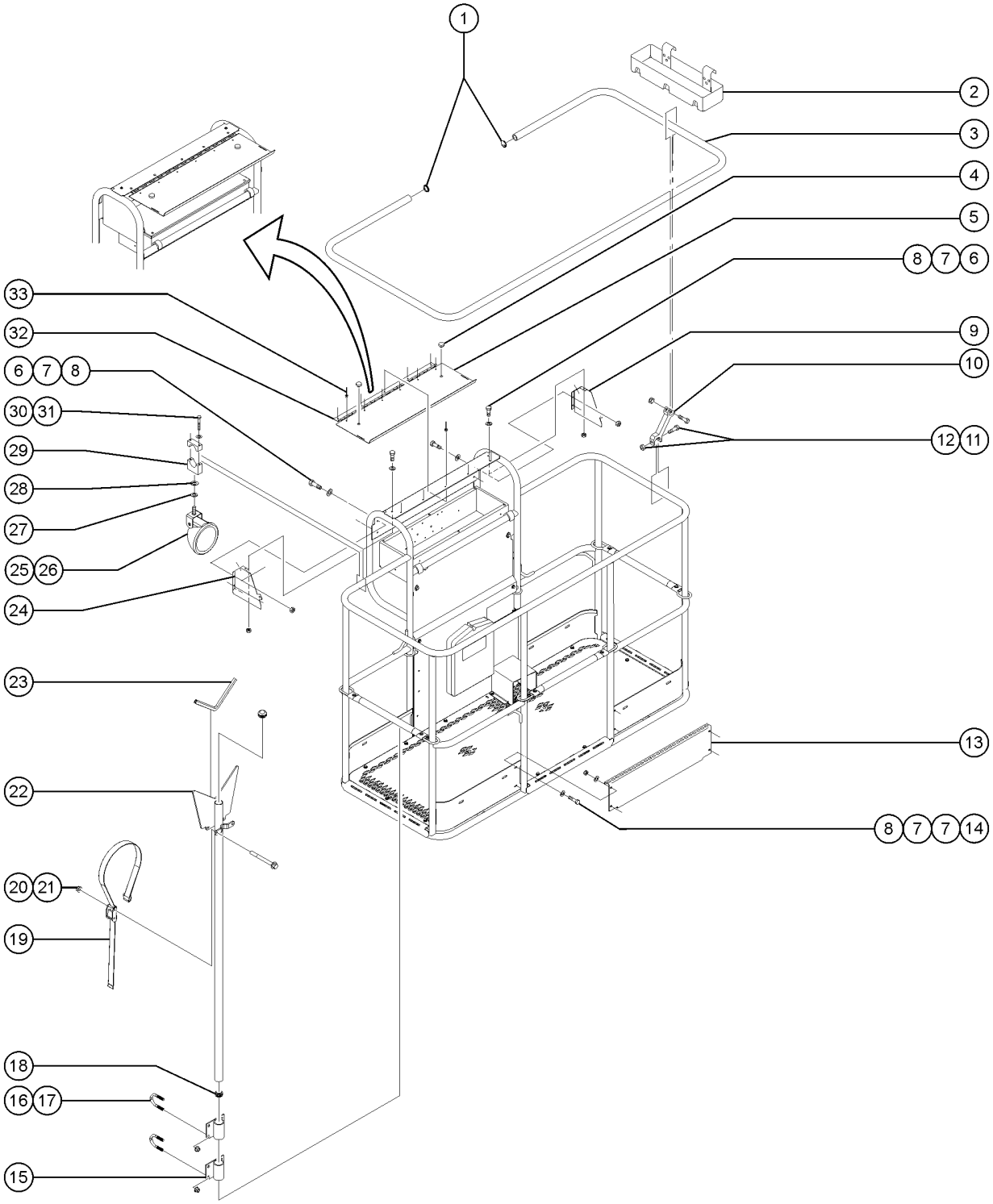
Item	*Part No.*	*Description*	*Qty.*
-	77067GT	HARNESS,ALARM OPTION,Z45	
1	49821GT	SCREW,PHILLIPS,PHM,8-32 X 1.25	
2	56704GT	STROBE,FIREBOLT,12-80VDC,AMB** (replaced 20189)	
2-	72282GT	LENS,AMBER,STROBE,FIREBOLT	
2-	122019GT	FLASHTUBE,U SHAPED,360DEG,BULB	
2-	226393GT	FLASHTUBE,STRAIGHT,360DEG,BULB	
3	35461GT	WASHER,FLAT,MS,#8,Y	
4	18605GT	NUT,NYLOCK,8-32	

902.1 Platform Option



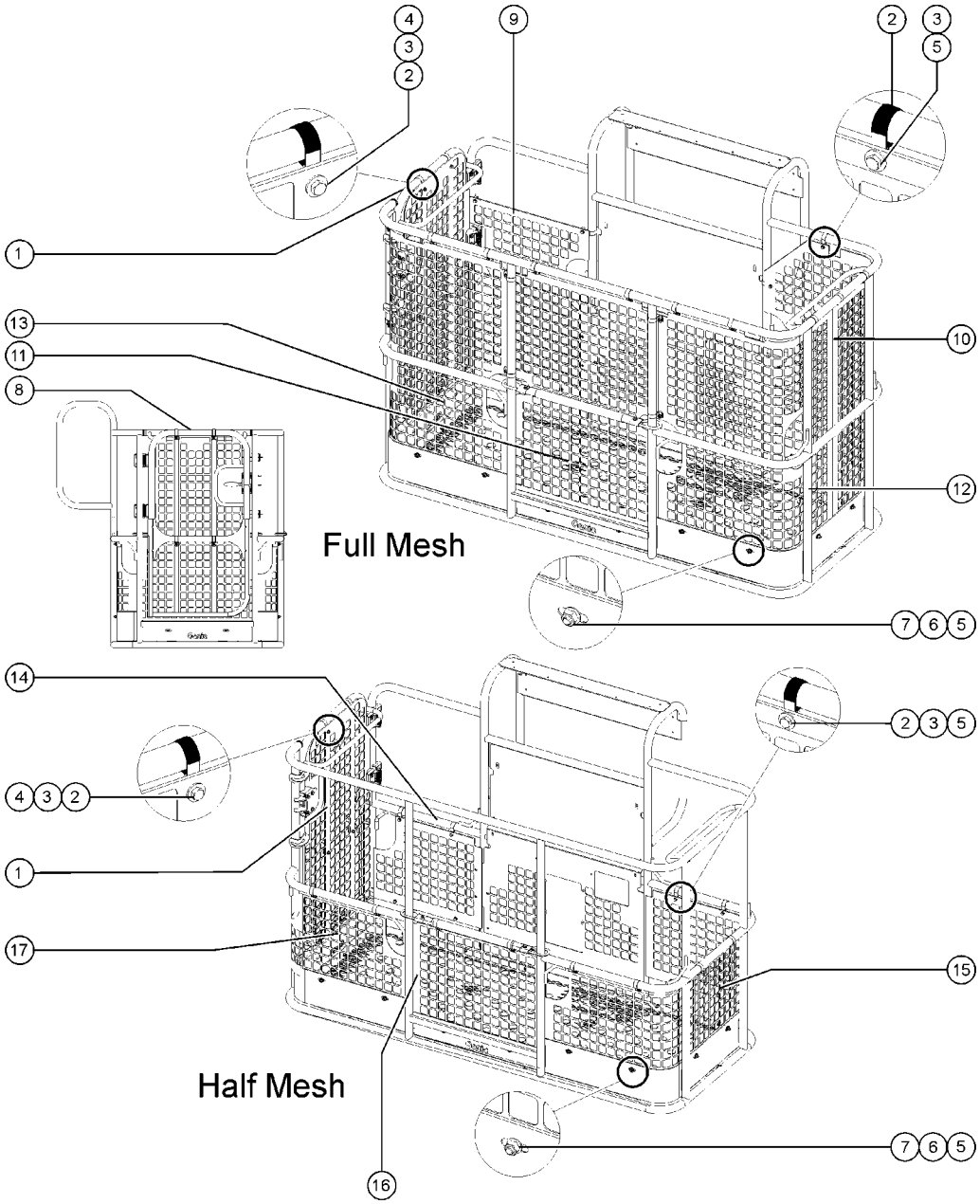
Item	Part No.	Description	Qty.
--	53157-SGT	PINCH GUARD,6'(1.31")SERVICE**	
--	28322GT	OPTION,PLAT.PINCH GUARD,5 FT.	
--	28323GT	OPTION,PLAT.PINCH GUARD,4 FT.	
--	73433-SGT	OPTION,SWING GATE,BOOMS***	
--	53157-SGT	PINCH GUARD,6'(1.31")SERVICE**	
--	53808-SGT	AUX TOP RAIL,6'(1.25")SERVICE	
--	119795GT	KIT,CONTROL BOX COVER to SN 21290	
--	88609-SGT	CONTROL BOX COVER ASSY*** from SN 21291	
--	T109328GT	ACC,PLAT CONTROL COVER, SERV (cover assembly with latch)	
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

902.1 Platform Option



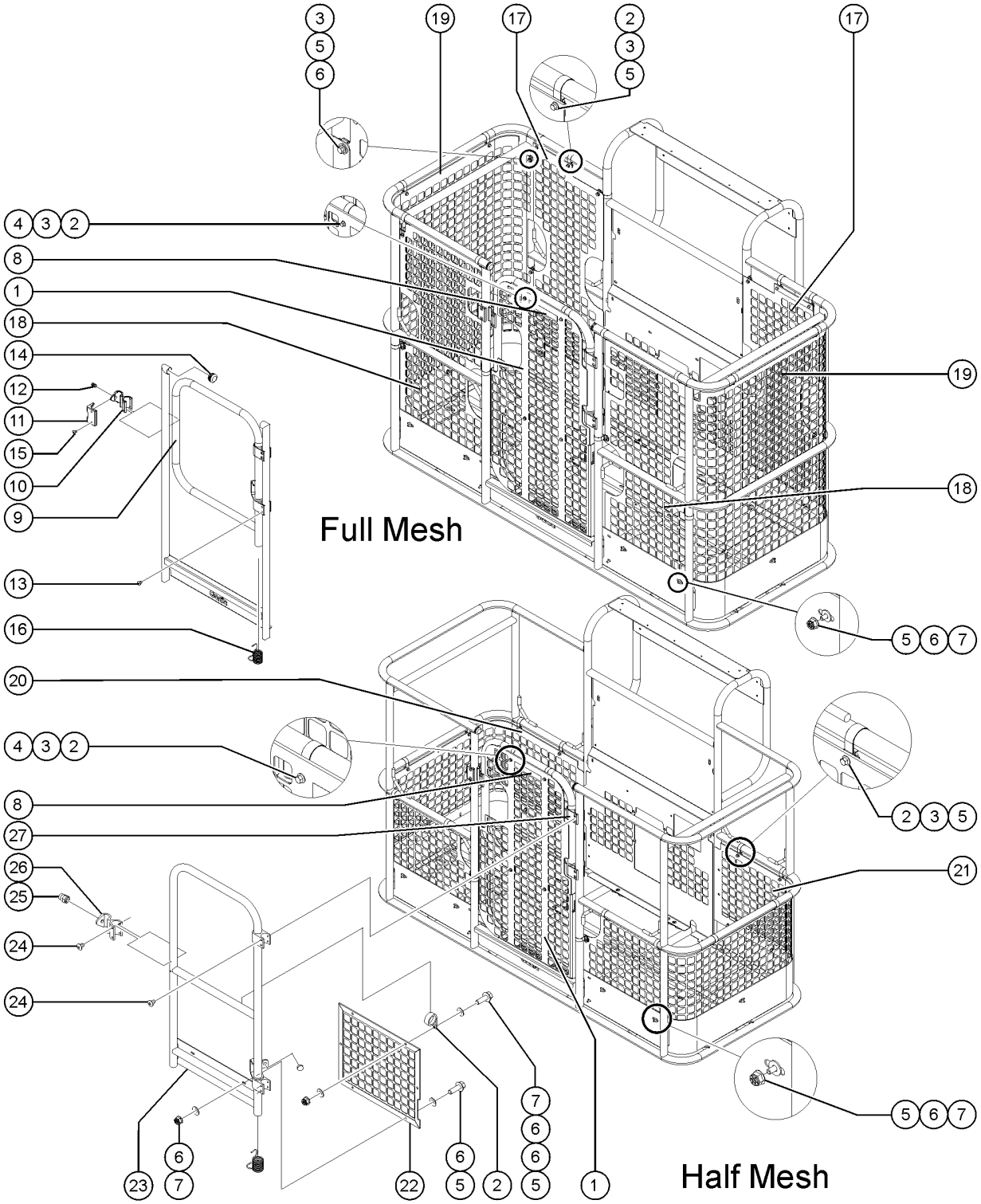
Item	Part No.	Description	Qty.
18	55753GT	BUMPER, PLASTIC, 1.25 O.D.	
19	56570GT	STRAP, CONDUIT HOLDER 60"***	2
20	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	4
21	824083GT	SCREW,HHF,1/4-20X2.5,8,ZAG	4
22	56525GT	WELDMENT, PIPE CRADLE	2
23	19018-1100GT	TRIMLOCK,BLACK,5/32"	2
24	102785PGT	CONTROL BOX COVER,LID,PTD	1
--	102786PGT	FORMING,LATCH,CTRL BOX LID PTD (not included - sold seperately)	2
--	30468GT	LATCH,SLIDE, FLUSH MOUNT STYLE (not included - sold seperately)	2
--	43392GT	BUMPER,BATTERY BOX & RAILS (not included - sold seperately)	2
--	88606PGT	COVER,CONTROL BOX RIGHT SIDE** (not included - sold seperately)	1
--	88607PGT	COVER,CONTROL BOX LEFT SIDE*** (not included - sold seperately)	1
25	107858GT	WORKLIGHT,48 VOLT	2
26	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
27	6886GT	WASHER,LOCK,.313	
28	5397GT	WASHER, FLAT, USS, 5/16-18	
29	35956GT	WORK LIGHT MOUNTING BRACKET	2
30	6145GT	SCREW, HHC, 1/4-20 X 1.5	
31	6356GT	WASHER, LOCK, .25	
32	111526GT	HINGE,PLAT CONTROL BOX COVER	1
33	54486GT	RIVET,ALUM,ALUM,3/16BUTTONHEAD	

903.1 Platform Mesh-Side Swing Gate



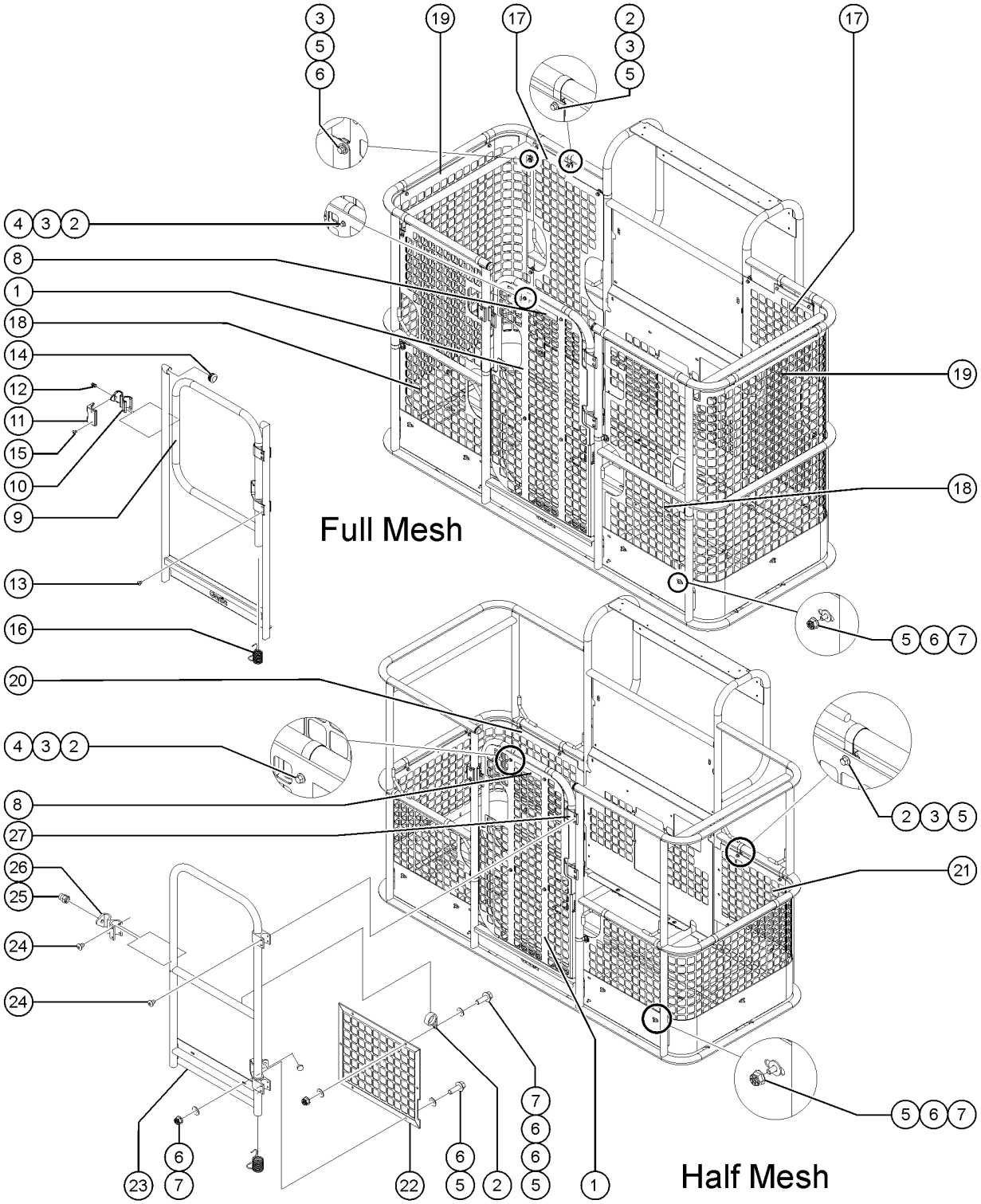
Item	Part No.	Description	Qty.
-	1286622GT	KIT, 6' FULL MESH,SIDE GATE	
-	1275282GT	KIT, 6' HALF MESH,SIDE GATE	
1	1278793GT	WELDMENT,PLATFORM MESH GATE	1
2	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION	
3	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
4	824079GT	SCREW,HHF,1/4-20X1,8,ZAG	
5	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	
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

903.2 Platform Mesh-Front Single Entry



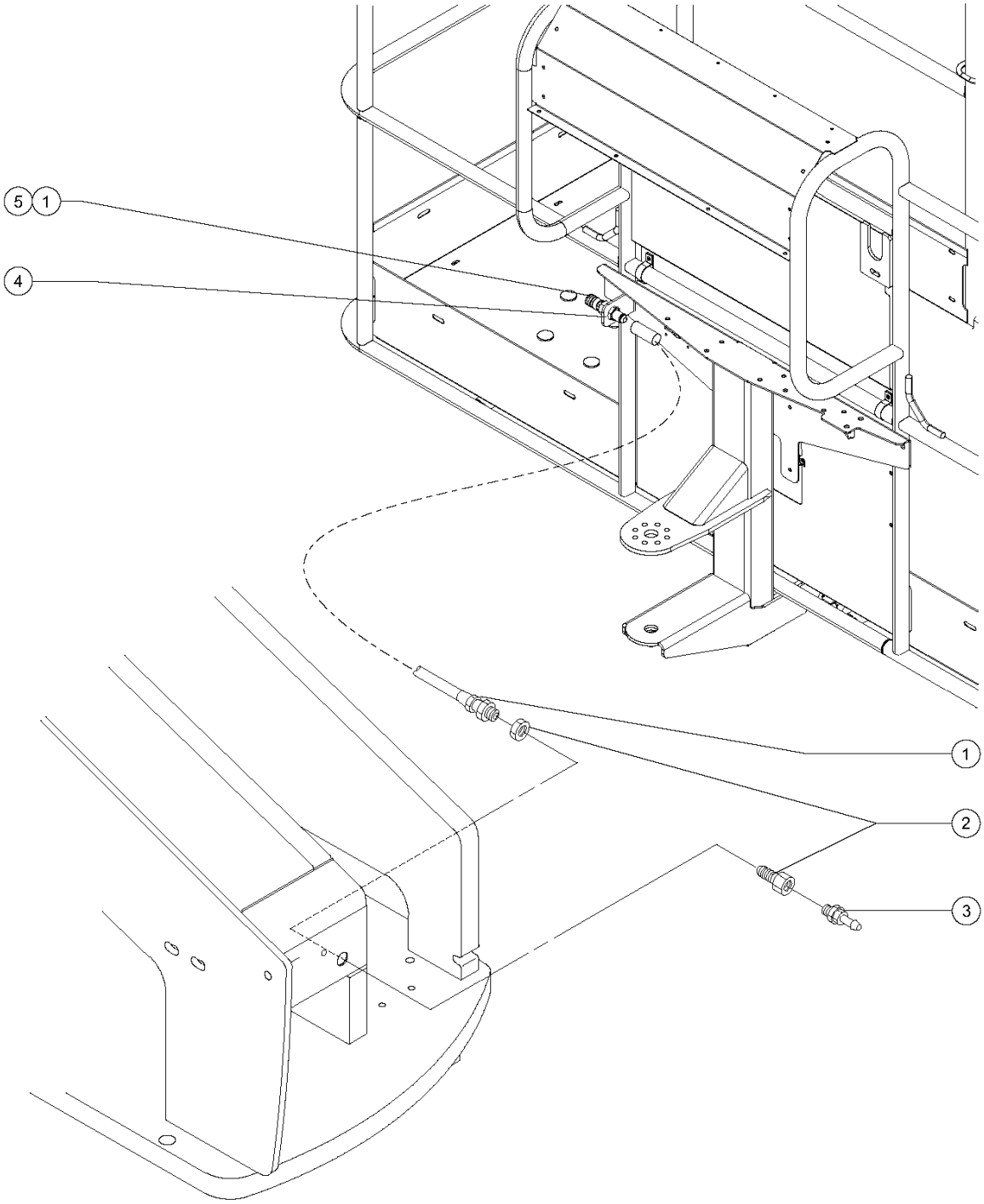
Item	Part No.	Description	Qty.
-	1290895GT	KIT, 6' FULL MESH W/FRONT HALF GATE	
-	1290893GT	KIT, 6' HALF MESH W/FRONT HALF GATE	
-	1290135GT	KIT,HALF FRONT,SWING GATE (Includes items 9-16)	
-	128368GT	KIT,SWING GATE W/SPRING (Includes items 23) (doesn't include 63311, 1487, and 1488) (Replacement Kit Only)	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	54458GT	MESH,HALF,LH,6'PLATFORM 6 feet platform (to SN 22737)	1
20B	101852GT	MESH,HALF,LH 5' PLATFORM 5 feet platform (from SN 22738)	
21	1270313GT	PANEL, HALF MESH 6 feet platform (to SN 22737)	1

903.2 Platform Mesh-Front Single Entry



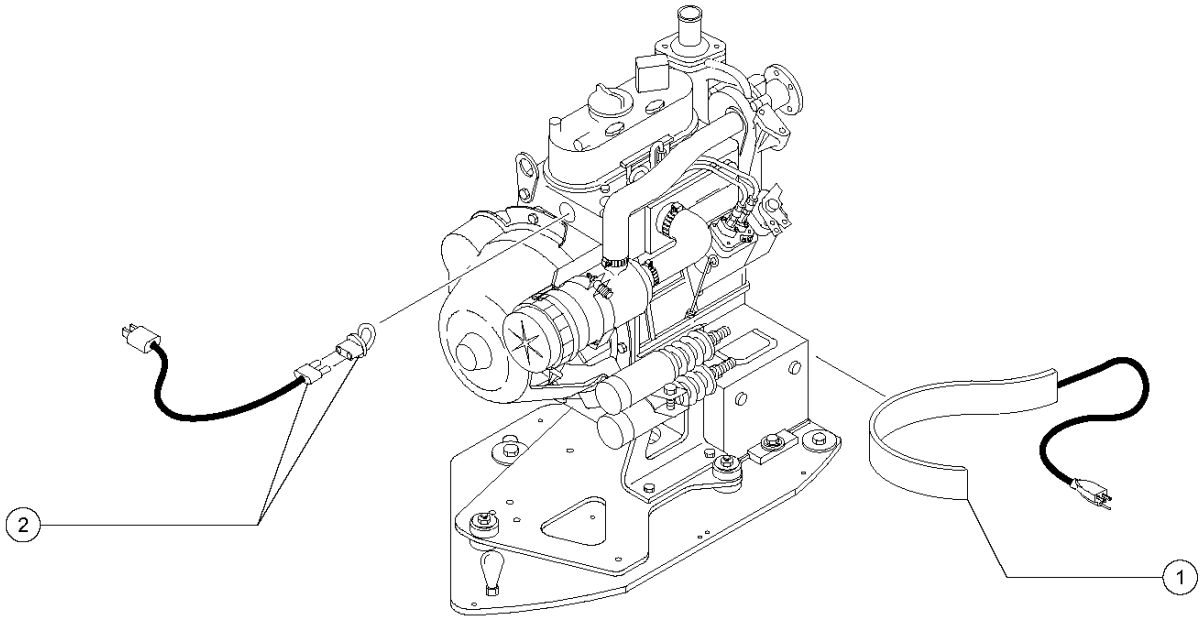
Item	*Part No.*	*Description*	*Qty.*
21B	101853GT	MESH,HALF,RH 5' PLATFORM 5 feet platform (from SN 22738)	
C		FULL GATE	
22	54457GT	MESH,HALF,SWING GATE***	1
23	128374GT	WELDMENT,SWING GATE,ALUMINUM	
23-	42104GT	SPRING,SHORT PLATFORM GATE	
23-	43392GT	BUMPER,BATTERY BOX & RAILS	
24	824207GT	RIVET, STL, STL, DOME, 1/4 X .375, ZAG	
25	63311GT	SNAP PIN	
26	1487GT	GATE LATCH CASTING--DRILLED	
27	1488GT	RAILING CATCH CASTING--DRILLED	

904.1 Airline to Platform



Item	*Part No.*	*Description*	*Qty.*
	27887GT	OPTION,AIRLINE TO PLATFORM	
1	106142GT	HOSE,AIRLINE TO PLATFORM Z45	1
1-	16073GT	CLAMP,0.63,#10 X 1/4,RUB CUSH	
2	27900GT	BULKHEAD,FEMALE X 6 X 6	2
3	27895GT	COUPLER,1/4"SERIES 3/8 MPT	1
4	60886PGT	BRACKET,AIRLINE TO PLATFORM	1
5	27894GT	PLUG,1/4"SERIES,3/8 MPT	1

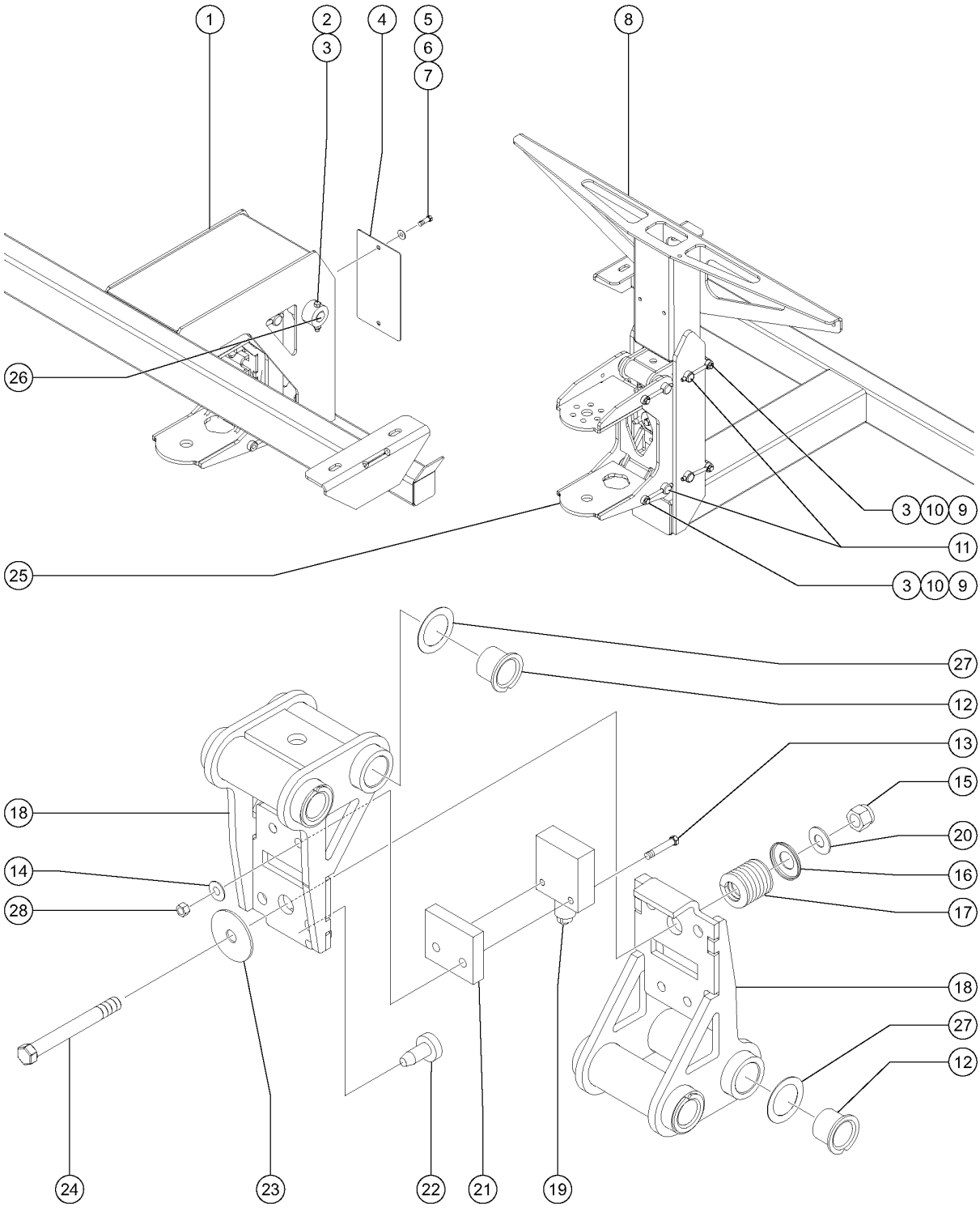
905.1 Cold Start Package



905.1 Cold Start Package

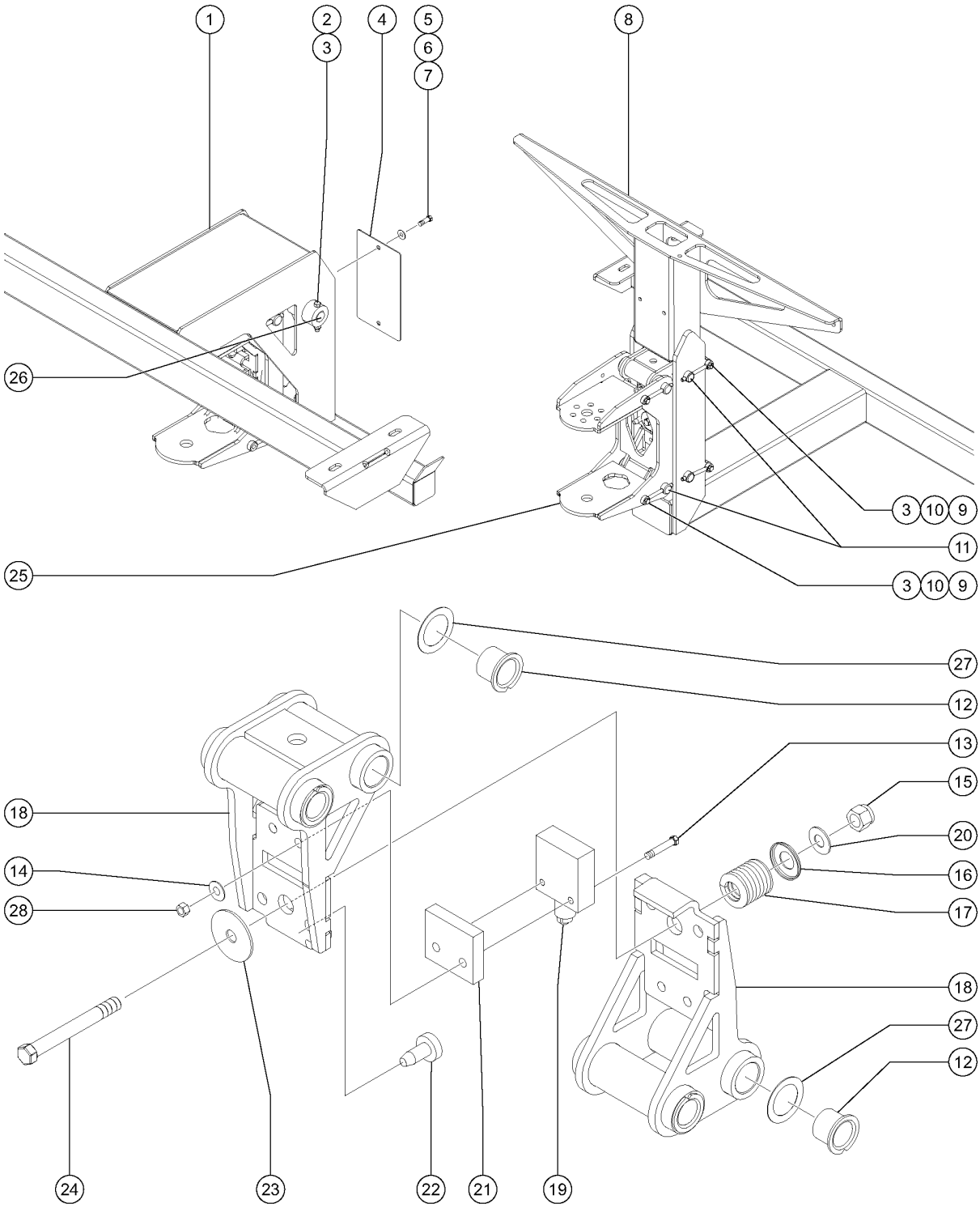
Item	Part No.	Description	Qty.
	42488GT	OPTION,COLD START,Z34DSL	
	70707GT	COLD START PKG,120V BI-ENERGY	
1	28853GT	BLANKET,BATTERY	1
2	70683GT	FREEZE PLUG HEATER,Z45	1
2	70683GT	FREEZE PLUG HEATER,Z45	

906.1 Platform Overload Option, Z-45/25



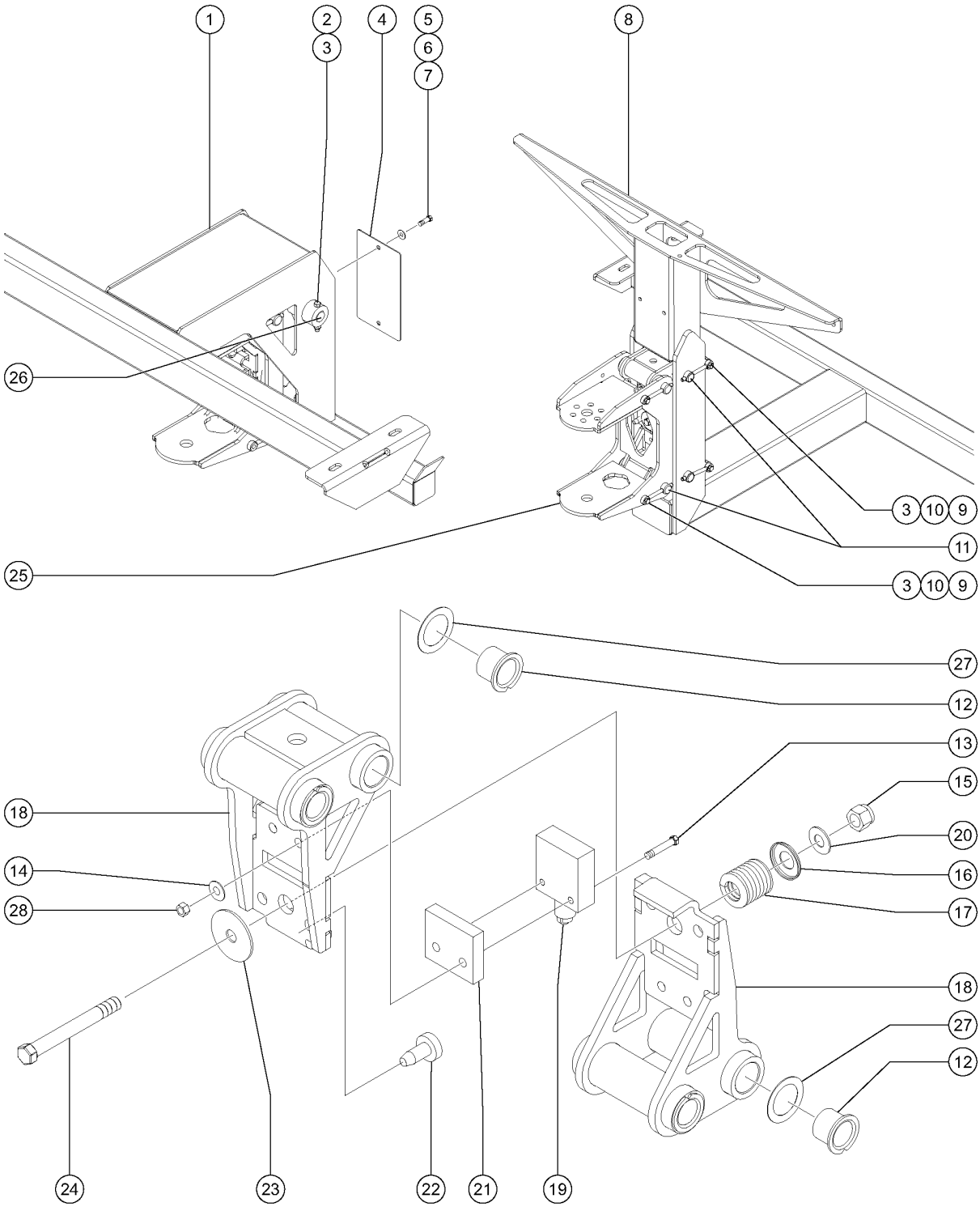
Item	Part No.	Description	Qty.
	128045GT	MODULE,LOAD SENSE 2007	
1	98154GT	WELDMENT,PLAT SUPPORT,LS	1
2	4266GT	SCREW,HHC,1/4-20 X 2	
3	6091GT	NUT,NYLOCK,1/4-20	
4	94492PGT	PANEL,ACCESS PAINTED	1
5	6090GT	SCREW, HHC, 1/4-20 X .75	
6	6638GT	WASHER, FLAT, USS, 1/4"Y	
7	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
9	6888GT	SCREW, HHC, 1/4-20 X 1	
10	825020GT	ROD END, .25 X 2.75, ZAG	
11	61726GT	PIN,0.75DIAX5.75LG,CHAMFER	4
11-	94643GT	ZERK,GREASE,5/16-24,STRAIT	
12	25685GT	BEARING,GARLOCK,12FDU12	4
13	73634GT	SCREW,PHIL,PHM,10-24X1.5 ZINC	
14	6146GT	WASHER,FLAT,MS,#10,Y	
15	4828GT	NUT, NYLOCK, 3/8-16	
16	61975GT	RETAINER,SPRING,1.21 X .375	
17	61974GT	SPRING,COMP,1" OD,232 LB/IN	
18	101512GT	LOAD SUPPORT WITH BEARINGS includes item 12	1
19	94642GT	SWITCH,LOAD LIMIT	
20	6097GT	WASHER, FLAT, USS, 3/8", Y	
21	61972GT	MOUNT,SWITCH	1
22	34619GT	BUMPER,RUBBER***	2
23	15086GT	WASHER,FLAT,.375 X 1.5 X .125	
24	21604GT	SCREW,HHC,3/8-16 X 3.25	
25	61987GT	WELDMENT,ROTATOR MOUNT	1
26	99174GT	PIN,0.75DIAX8.75LG,CHAMFER	2
26-	94643GT	ZERK,GREASE,5/16-24,STRAIT	

906.1 Platform Overload Option, Z-45/25



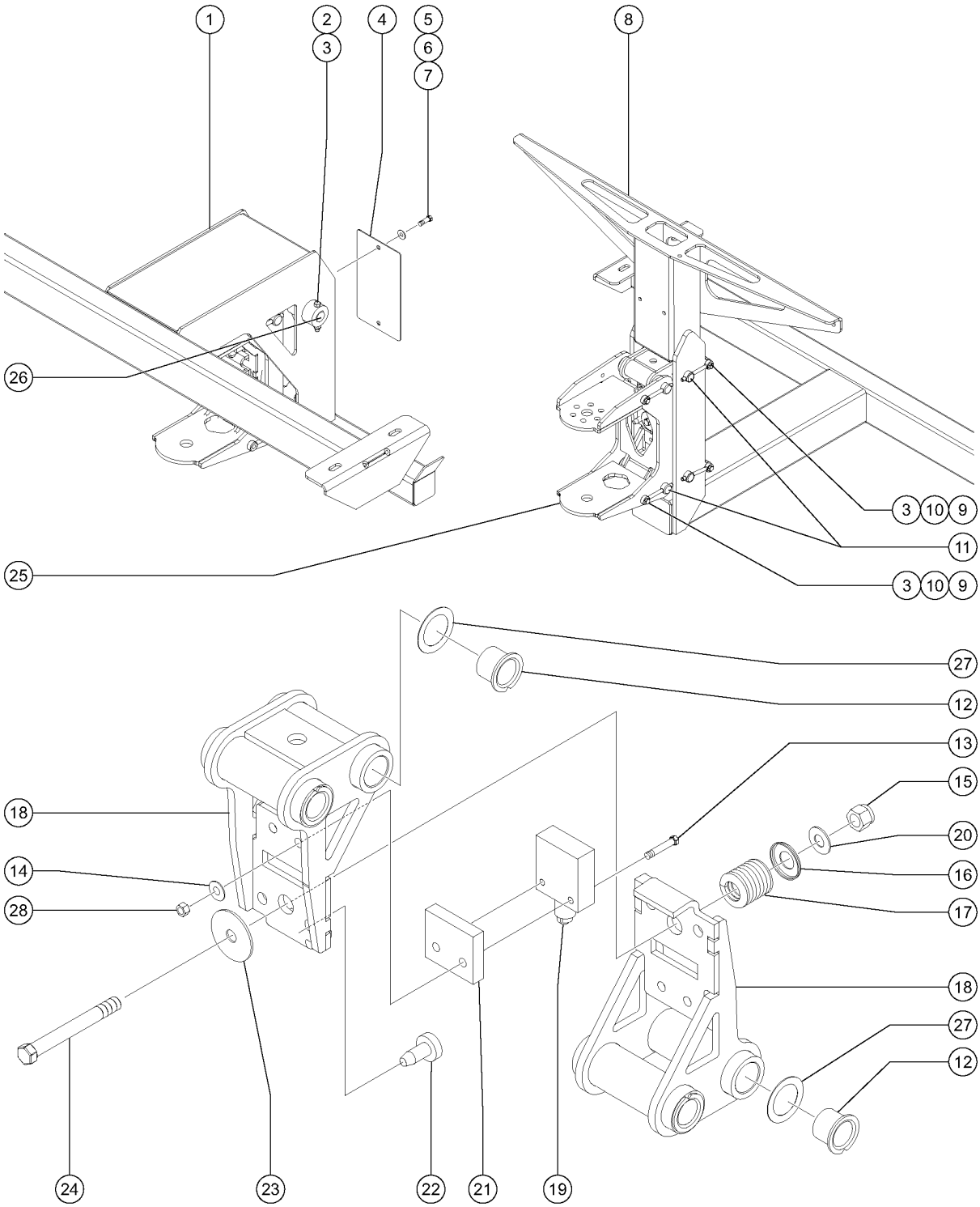
Item	Part No.	Description	Qty.
27	110789GT	WASHER,SHIM .0151 THK.	as needed
28	5365GT	NUT,NYLOCK,10-24	ed

906.2 Platform Overload Option, Z-45/25J



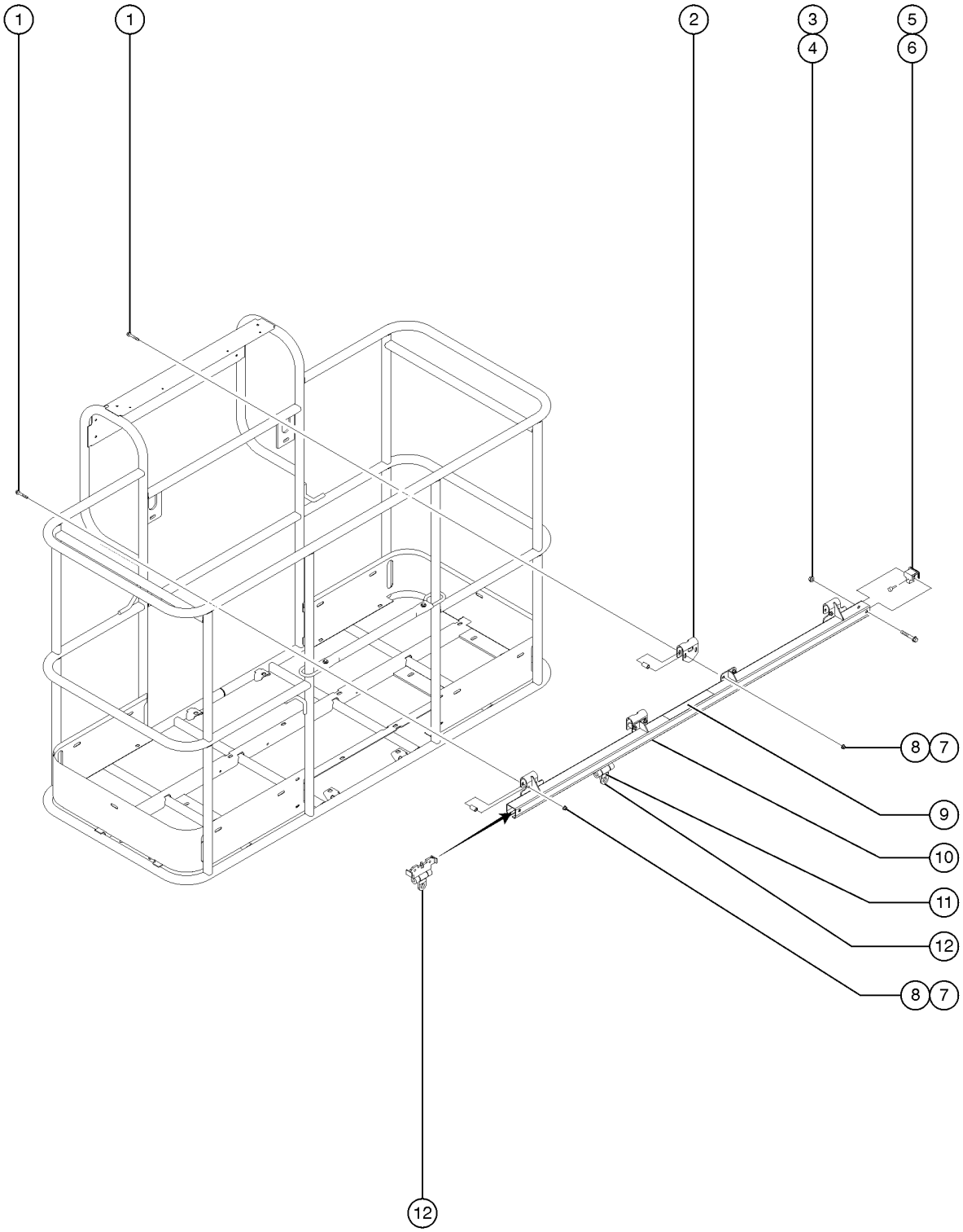
Item	Part No.	Description	Qty.
	128045GT	MODULE,LOAD SENSE 2007	
2	4266GT	SCREW,HHC,1/4-20 X 2	
3	6091GT	NUT,NYLOCK,1/4-20	
4	94492PGT	PANEL,ACCESS PAINTED	1
5	6090GT	SCREW, HHC, 1/4-20 X .75	
6	6638GT	WASHER, FLAT, USS, 1/4"Y	
7	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
8	61998GT	WELDMENT,PLATFORM SUPPORT	1
9	6888GT	SCREW, HHC, 1/4-20 X 1	
10	825020GT	ROD END, .25 X 2.75, ZAG	
11	61726GT	PIN,0.75DIAX5.75LG,CHAMFER	4
11-	94643GT	ZERK,GREASE,5/16-24,STRAIT	
12	25685GT	BEARING,GARLOCK,12FDU12	4
13	73634GT	SCREW,PHIL,PHM,10-24X1.5 ZINC	
14	6146GT	WASHER,FLAT,MS,#10,Y	
15	4828GT	NUT, NYLOCK, 3/8-16	
16	61975GT	RETAINER,SPRING,1.21 X .375	
17	61974GT	SPRING,COMP,1" OD,232 LB/IN	
18	101512GT	LOAD SUPPORT WITH BEARINGS includes item 12	1
19	94549GT	SWITCH,LOAD LIMIT	
20	6097GT	WASHER, FLAT, USS, 3/8", Y	
21	61972GT	MOUNT,SWITCH	1
22	34619GT	BUMPER,RUBBER***	2
23	15086GT	WASHER,FLAT,.375 X 1.5 X .125	
24	21604GT	SCREW,HHC,3/8-16 X 3.25	
25	61987GT	WELDMENT,ROTATOR MOUNT	1
27	110789GT	WASHER,SHIM .0151 THK.	as needed

906.2 Platform Overload Option, Z-45/25J



Item	*Part No.*	*Description*	*Qty.*
28	5365GT	NUT,NYLOCK,10-24	

907.1 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

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California Proposition 65

WARNING

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

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

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

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

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