



A TEREX BRAND

Parts Manual

Serial Number Range

QS-12R

QS-15R

QS-20R

QS-12W

QS-15W

QS-20W

from SN QS09-101 to QS11-999

Part No. 115437GT
Rev: A.39
September 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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First Edition, First Printing

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 Printed on recycled paper




A TEREX BRAND P/N 77172

Model: QS-20R
Serial number: QS09-102
Model year: 2009 **Manufacture date:** 08/18/09
Elec/Hydr Schematic: ES0126
Power supply voltage/Pneumatic Pressure:
 85-264 VAC, 60/50 Hz, 900 W
Nominal Power: 8.3 Hp / 6.2 kW
Machine unladen weight: 2,533 lbs / 1,021 kg
Max Load: 350 lbs / 159 kg
Occupants and Equipment must not exceed:
 350 lbs / 159 kg
Maximum allowable inclination of the chassis:
 1.5°(Side) 3°(Front) 3°(Rear)
Maximum Wind Speed:
 Indoor: N/A
 Outdoor: N/A
Gradeability: 30%
Maximum allowable side force: 100 lbs / 445 N
Maximum platform height: 19 ft 9 in / 6.0 m
Maximum Travel Height: Full ht
Maximum number of platform occupants: 1
Country of manufacture: USA

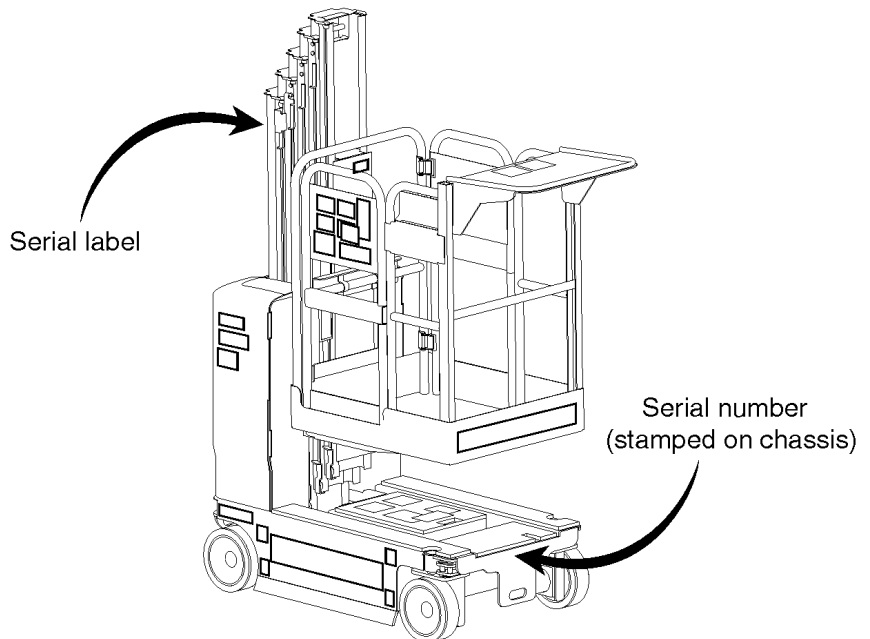
Manufacturer:
 Terex South Dakota, Inc.
 18340 NE 76th Street
 Redmond, WA 98052 USA

This machine complies with:
 A92.6

QS-09 - 150

Year of
manufacture

Sequence
number



How to Order Parts

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

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

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

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

Machine Information

Model

Serial Number

Date of Purchase

Authorized Genie Distributor

Phone Number

North America

Telephone (425)881-1800

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

Fax (425)556-8659

Toll Free fax (888)274-6192

Email AWP.PartsSalesPO@terex.com

<http://genielift.com/en>

EMEAR (Europe, Middle East, Africa and Russia)

Telephone (31)(165)519 313

Fax (31)(165)511 148

<http://genielift.co.uk>

Asia Pacific (Genie Singapore)

Telephone +65 6692 7777

Fax +65 6261 8893

<http://genielift.com.sg/>

Australia

Telephone (61)(7)3456 4444

Fax (61)(7)3456 4466

<http://genielift.com.au>

South America

Telephone (55)(11)4082 5600

Fax (55)(11)4082 5630

Required Parts

The following parts are required to perform maintenance procedures as outlined in the Genie GR-12, GR-15, GR-20, QS-R, and QS-W Service Manual.

Description	Part No.
Filter Element.....	44788
Dielectric Grease.....	66399
Boe-Lube Silicone Wax.....	90337

Recommended Parts

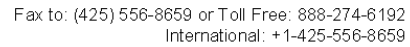
Description	Part No.
Genie Blue Paint, 1 Gallon	32150
Genie Blue Paint, 12 Ounce Aerosol.....	1484
Genie Gray Paint, 1 Gallon.....	32151
Genie Gray Paint, 12 Ounce Aerosol	1268

Manuals

Genie Industries offers the following support documents for these models:

Title	Part No.
EMI Safety Manual.....	27581
Manual of Responsibilities	
ANSI A92.6.....	44163





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

Optional Equipment _____

[illegible]

☐ Ship complete order only - No back orders

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

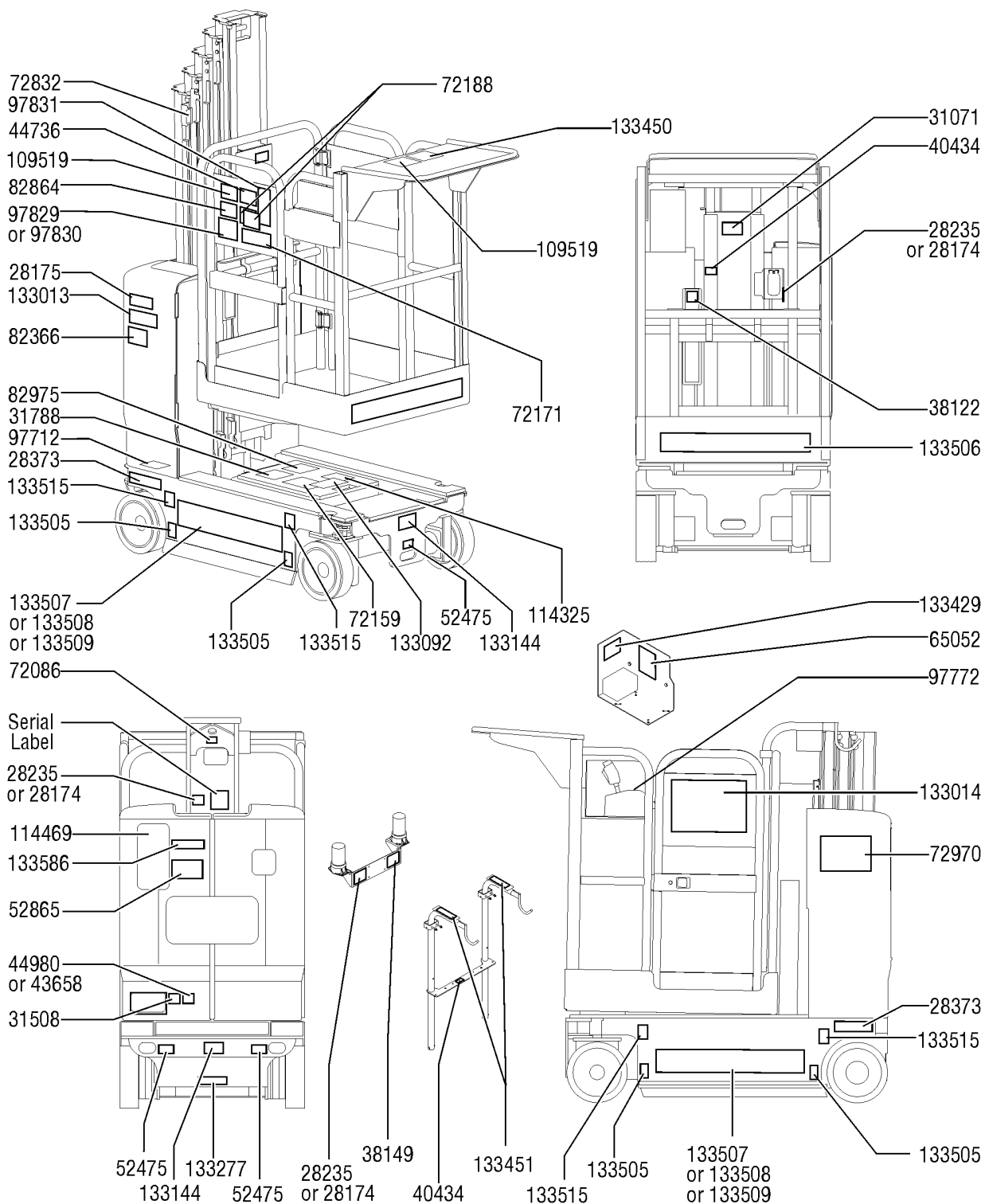
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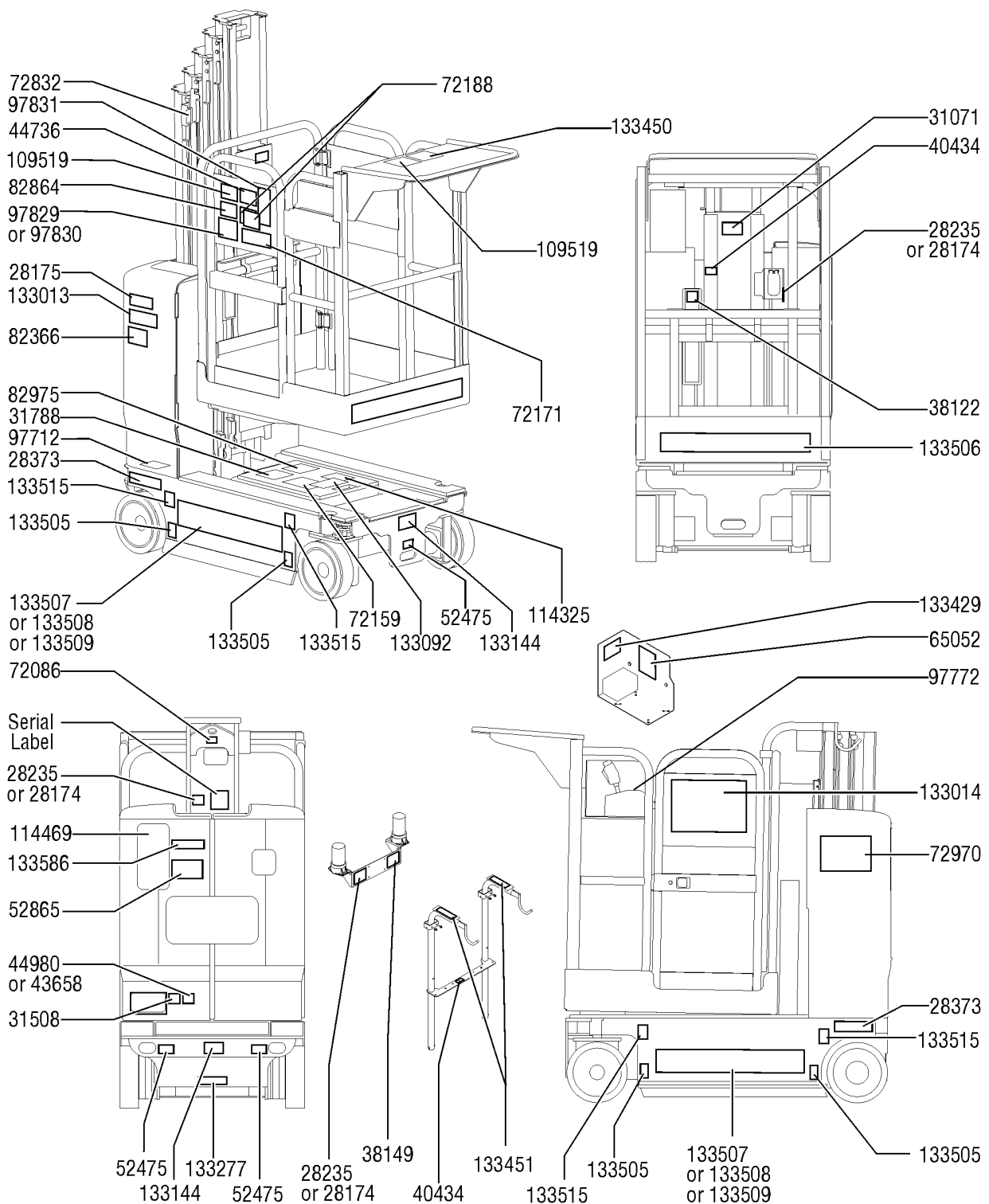
101.1 Decals with Words; ANSI, CSA



101.1 Decals with Words; ANSI, CSA

Item	Part No.	Description	Qty.
1	115435GT	DECAL KIT,SAFETY/INSTR,WORDS (includes all safety and instructional decals listed below)	
2	28174GT	DECAL,POWER TO PLATFORM 230V	2
3	28175GT	DECAL,WARNING-COMPART ACCESS	1
4	28235GT	DECAL,POWER TO PLATFORM 115V	2
5	28373GT	DECAL,FORK LIFT POCKET	2
6	31071GT	DECAL,WARNING,FAILURE TO READ	1
7	31508GT	DECAL,DANGER,ELECT HAZARD,PLUG	1
8	31788GT	DECAL,DANGER,BATTERY SAFETY***	1
10	38122GT	DECAL,LABEL, OM STORAGE	1
11	40434GT	DECAL,LANYARD ANCHORAGE POINT	1
12	43658GT	DECAL, LABEL, PWR TO CHARGER 230 EU	1
13	44736GT	DECAL,DANGER,TIP-OVER,TILT	1
14	44980GT	DECAL, LABEL, PWR TO CHARGER 115 UK	1
15	52475GT	DECAL,LABEL,TRANSPORT TIEDOWN*	3
16	52865GT	DECAL,ANNUAL INSP***	1
17	65052GT	DECAL,LABEL,FAULT CODES	1
18	72086GT	DECAL,LABEL,LIFTING EYE	1
19	72159GT	DECAL,TIP-OVER,BATTERIES,GR	1
20	72171GT	DECAL,SIDE FORCE,100,GR,ANSI (445 N)	1
21	72188GT	DECAL,DIRECTIONAL ARROWS,GR	2
22	72832GT	DECAL,DANGER,DO NOT ALTER SWTC	1
23	72970GT	DECAL,INSTRUCTIONS-CHARGER OP	1
24	82366GT	DECAL,CHEVRON RANDO HD	1
25	82864GT	DECAL,DANGER,MAX CAP BIKE RACK (45 lbs, 20 kg)	1
26	82975GT	DECAL,DANGER,COLLISION HAZARD	1
27	97712GT	DECAL,DANGER,BRAKE REL SAFETY*	1
28	97772GT	DECAL,OVERLAY,PLAT CONTROLS***	1
30	97830GT	DECAL-NOTICE,MAX CAP-350#,SP** QS-20 (159 kg)	1

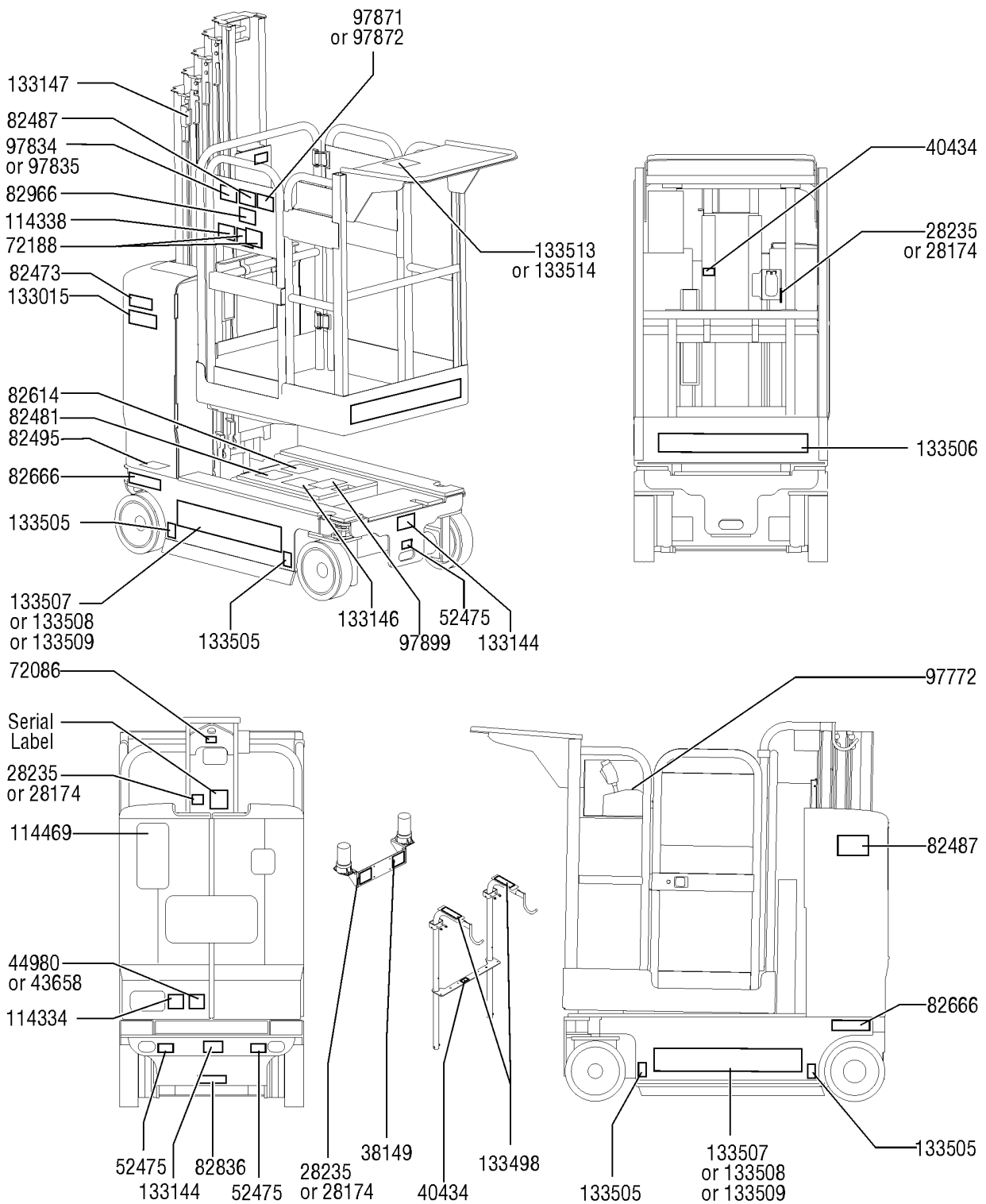
101.1 Decals with Words; ANSI, CSA



101.1 Decals with Words; ANSI, CSA

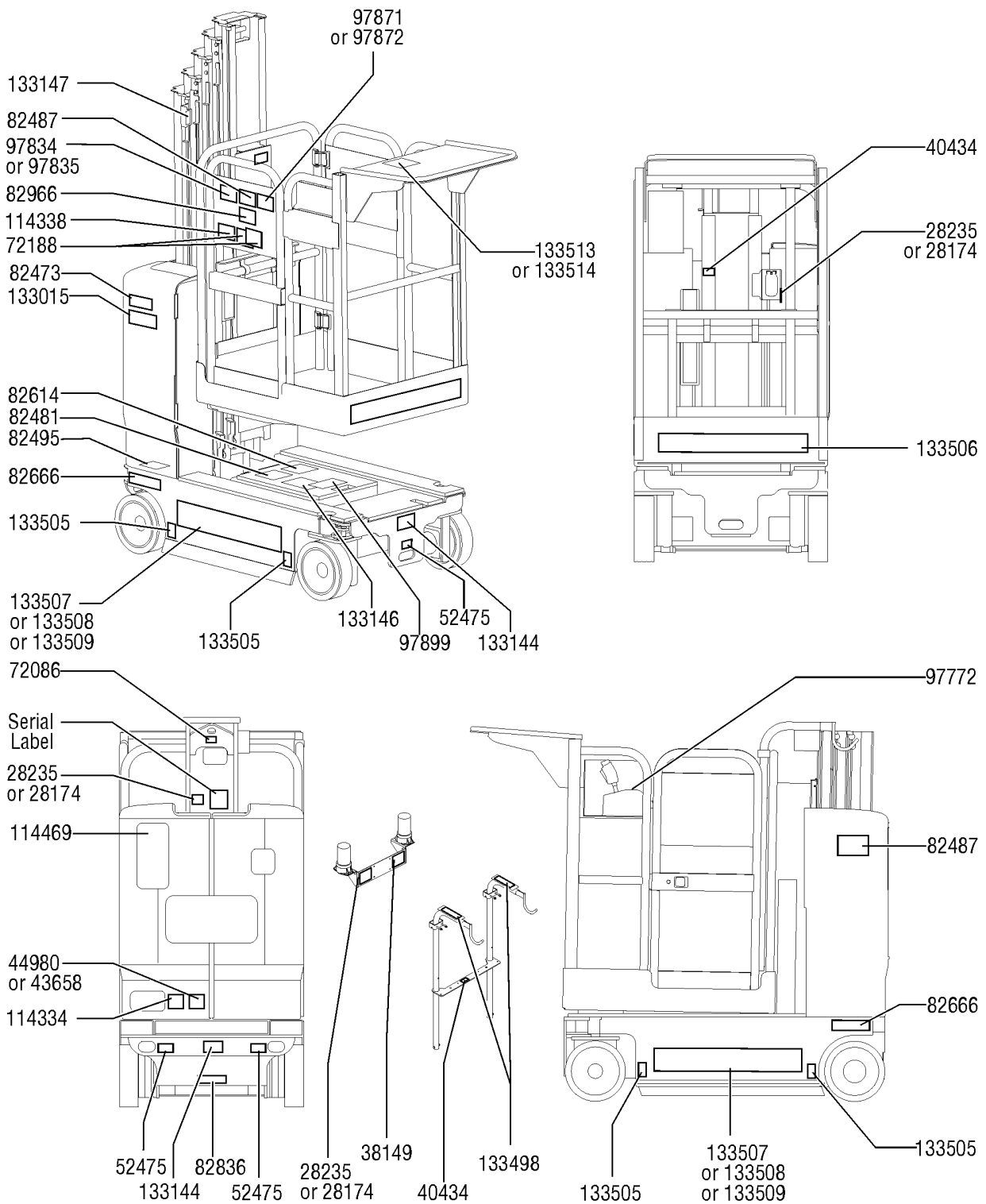
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
31	97831GT	OPERATING INST,PLAT,GR***	1
32	109519GT	DECAL,DANGER,MAX CAP ADJ TRAY*	2
		(150 lbs., 68 kg.)	
33	114325GT	DECAL,BATTERY CONN DIAG,GR	1
34	114469GT	DECAL,GROUND CONTROL PANEL ***	1
35	133013GT	DECAL,DANGER,ELECTROCUTION,GR	1
36	133014GT	DECAL,GENERAL SAFETY,RUNABOUT*	1
37	133092GT	DECAL,CRUSH HAZARD,USE SAFETY	1
38	133144GT	DECAL,LABEL-TRANSPORT DIGRAM	2
39	133277GT	DECAL,LABEL,EMERGENCY LOWERING	1
41	133450GT	DECAL,INSTRUCTIONS,WORK TRAY	1
42	133451GT	DECAL,INSTR,MAX CAP BIKE RACK	2
		(45 lbs, 20 kg)	
43	133505GT	DECAL,LABEL,WHEEL LOAD	4
44	133506GT	DECAL,GENIE QUICKSTOCK	1
50	133512GT	DECAL,GENIE,QS-20W	1
51	133515GT	DECAL,LABEL,TIRE SPECS	1
52	133586GT	DECAL,INSTRUCTIONS-OPER,GCP	1

102.1 Decals with Symbols; ANSI, CSA



Item	Part No.	Description	Qty.
	115436GT	DECAL KIT,SAFETY/INSTR,SYM (includes all safety and instructional decals listed below)	
1	28174GT	DECAL,POWER TO PLATFORM 230V	2
2	28235GT	DECAL,POWER TO PLATFORM 115V	2
3	38149GT	DECAL,LABEL,PATENTS QS-R	1
4	40434GT	DECAL,LANYARD ANCHORAGE POINT	1
5	43658GT	DECAL, LABEL, PWR TO CHARGER 230 EU	1
6	44980GT	DECAL, LABEL, PWR TO CHARGER 115 UK	1
7	52475GT	DECAL,LABEL,TRANSPORT TIEDOWN*	3
8	72086GT	DECAL,LABEL,LIFTING EYE	1
9	72188GT	DECAL,DIRECTIONAL ARROWS,GR	2
10	82473GT	DECAL,SYMBOL-COMP ACCESS	1
11	82481GT	DECAL,SYMBOL-BATTERY SAFETY	1
12	82487GT	DECAL,SYMBOL-READ THE MANUAL	2
13	82495GT	DECAL,LABEL,FORKLIFT POCKET	1
14	82614GT	DECAL,DANGER,COLLISION HAZARD	1
15	82666GT	DECAL,LABEL,FORKLIFT POCKET	2
16	82836GT	LABEL,AUXILIARY LOWERING	1
17	82966GT	DECAL,SIDE FORCE,GR - ANSI,SYM (445 N)	1
18	97772GT	DECAL,OVERLAY,PLAT CONTROLS***	1
19	97834GT	DECAL-DANGER,MAX CAP-227 KG SP QS-12, QS-15	1
21	97871GT	DANGER-MAX CAP,BIKE RACK-SYM** QS-12, QS-15 (20 kg)	1
23	97898GT	DECAL-DANGER,MAX CAP-PARCEL SY QS-12, QS-15 (68 kg)	1
24	97899GT	DECAL,WARN,SAFETY CHOCK***	1
25	114334GT	DECAL SYMBOL ELECTRIC HAZARD PLUG	1
26	114338GT	DECAL,SYM-TIP-OVR,TILT ALARM	1
27	114469GT	DECAL,GROUND CONTROL PANEL ***	1
28	133015GT	DECAL,DANGER,ELEC.HAZ SYMB	1
29	133144GT	DECAL,LABEL-TRANSPORT DIGRAM	2

102.1 Decals with Symbols; ANSI, CSA

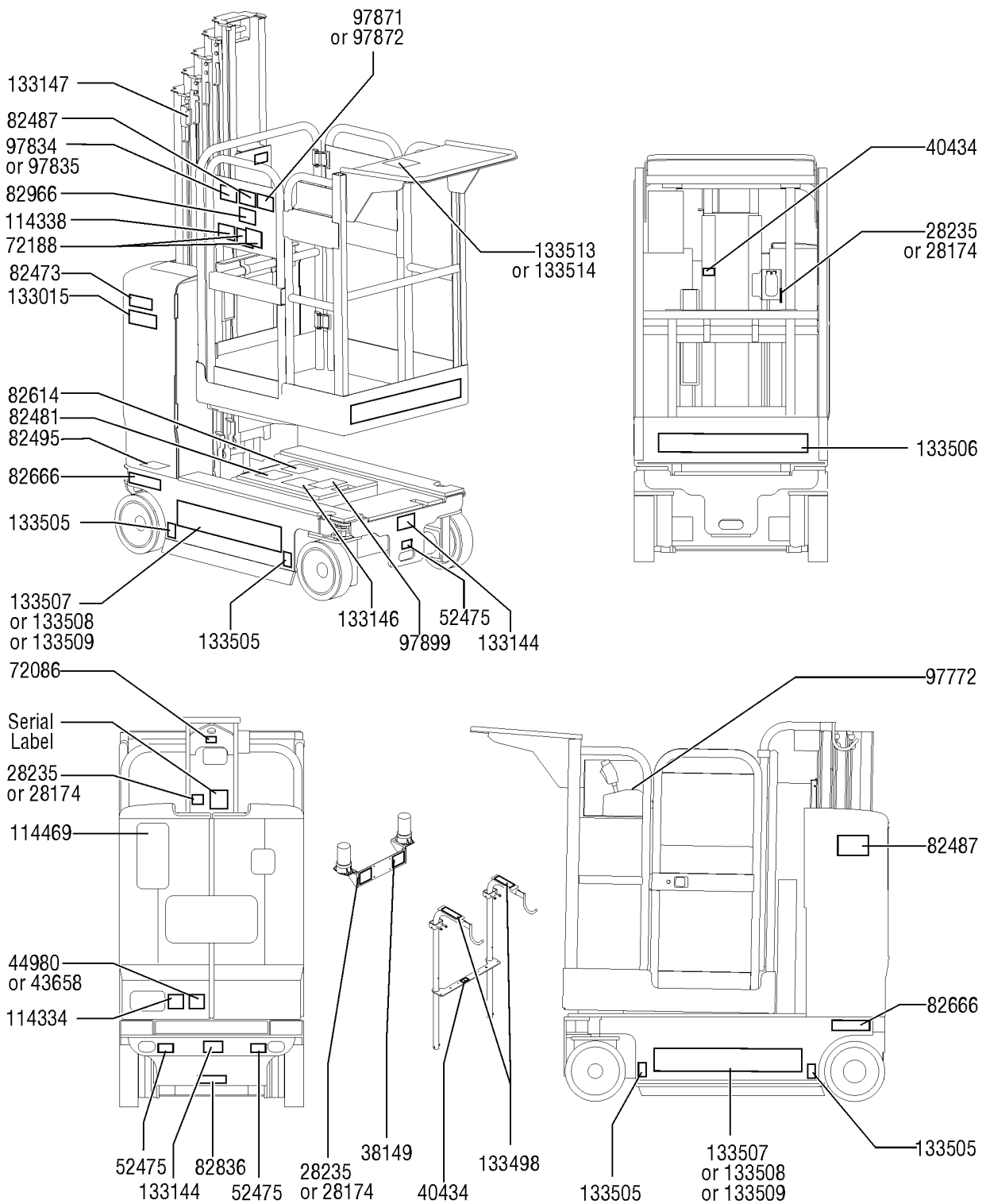


102.1 Decals with Symbols; ANSI, CSA

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
30	133146GT	DECAL,SYM-TIPOVER,BATTERIES,GR	1
31	133147GT	DECAL,SYM-TIPOVER,LIMIT SWITCH	1
32	133498GT	DECAL,LABEL,MAX CAP BK RACK	2
33	133505GT	DECAL,LABEL,WHEEL LOAD	4
34	133506GT	DECAL,GENIE QUICKSTOCK	1
35	133507GT	DECAL,GENIE,QS-12R	2
41	133514GT	DECAL,LABEL,MAX CAP,TRAY,227KG	1
		QS-12, QS-15	

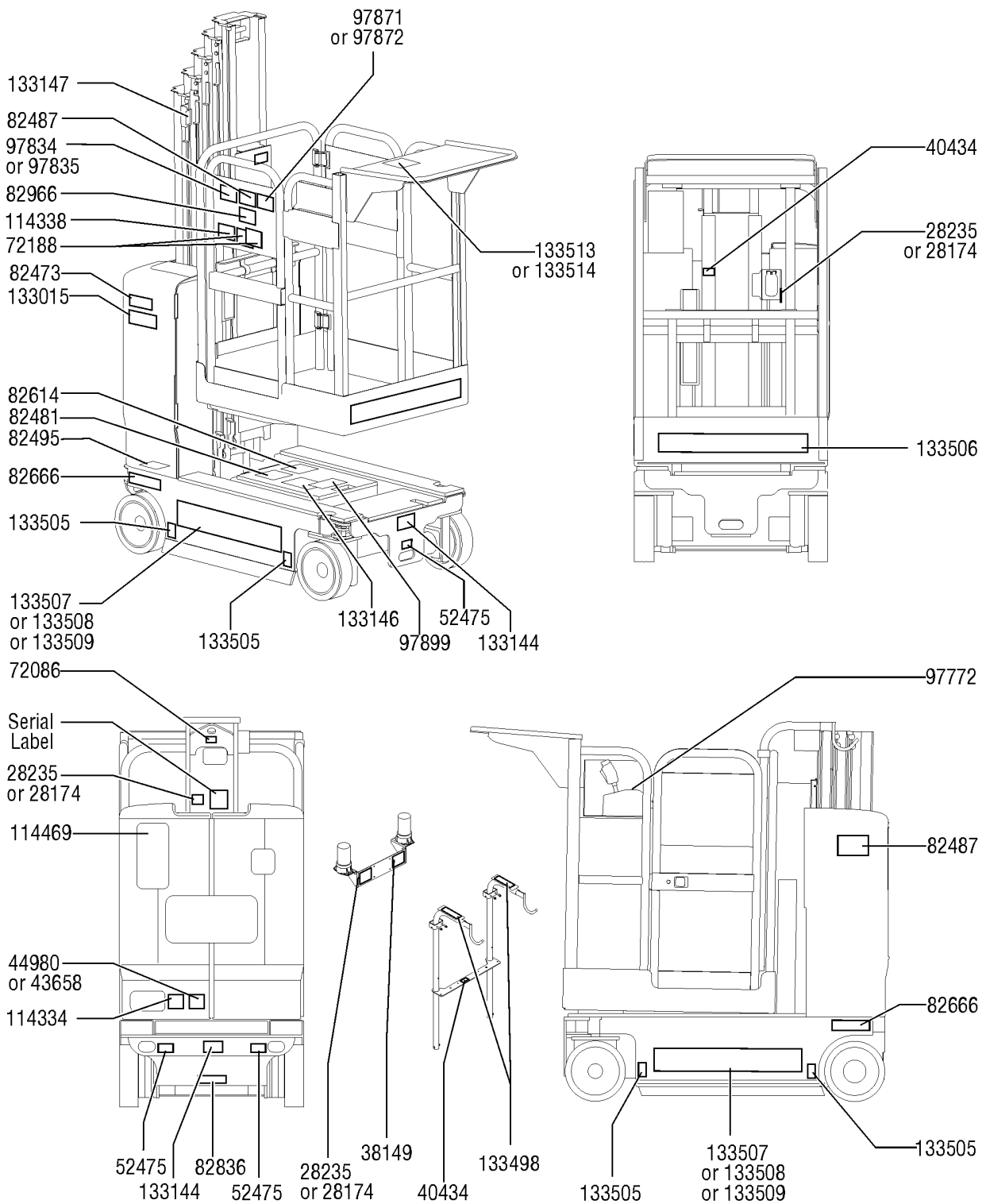


102.2 Decals with Symbols; ANSI, CSA



Item	Part No.	Description	Qty.
	115436GT	DECAL KIT,SAFETY/INSTR,SYM (includes all safety and instructional decals listed below)	
1	28174GT	DECAL,POWER TO PLATFORM 230V	2
2	28235GT	DECAL,POWER TO PLATFORM 115V	2
4	40434GT	DECAL,LANYARD ANCHORAGE POINT	1
5	43658GT	DECAL, LABEL, PWR TO CHARGER 230 EU	1
6	44980GT	DECAL, LABEL, PWR TO CHARGER 115 UK	1
7	52475GT	DECAL,LABEL,TRANSPORT TIEDOWN*	3
8	72086GT	DECAL,LABEL,LIFTING EYE	1
9	72188GT	DECAL,DIRECTIONAL ARROWS,GR	2
10	82473GT	DECAL,SYMBOL-COMP ACCESS	1
11	82481GT	DECAL,SYMBOL-BATTERY SAFETY	1
12	82487GT	DECAL,SYMBOL-READ THE MANUAL	2
13	82495GT	DECAL,LABEL,FORKLIFT POCKET	1
14	82614GT	DECAL,DANGER,COLLISION HAZARD	1
15	82666GT	DECAL,LABEL,FORKLIFT POCKET	2
16	82836GT	LABEL,AUXILIARY LOWERING	1
17	82966GT	DECAL,SIDE FORCE,GR - ANSI,SYM (445 N)	1
18	97772GT	DECAL,OVERLAY,PLAT CONTROLS***	1
19	97834GT	DECAL-DANGER,MAX CAP-227 KG SP QS-12, QS-15	1
21	97871GT	DANGER-MAX CAP,BIKE RACK-SYM** QS-12, QS-15 (20 kg)	1
23	97898GT	DECAL-DANGER,MAX CAP-PARCEL SY QS-12, QS-15 (68 kg)	1
24	97899GT	DECAL,WARN,SAFETY CHOCK***	1
25	114334GT	DECAL SYMBOL ELECTRIC HAZARD PLUG	1
26	114338GT	DECAL,SYM-TIP-OVR,TILT ALARM	1
27	114469GT	DECAL,GROUND CONTROL PANEL ***	1
28	133015GT	DECAL,DANGER,ELEC.HAZ SYMB	1
29	133144GT	DECAL,LABEL-TRANSPORT DIGRAM	2
30	133146GT	DECAL,SYM-TIPOVER,BATTERIES,GR	1

102.2 Decals with Symbols; ANSI, CSA

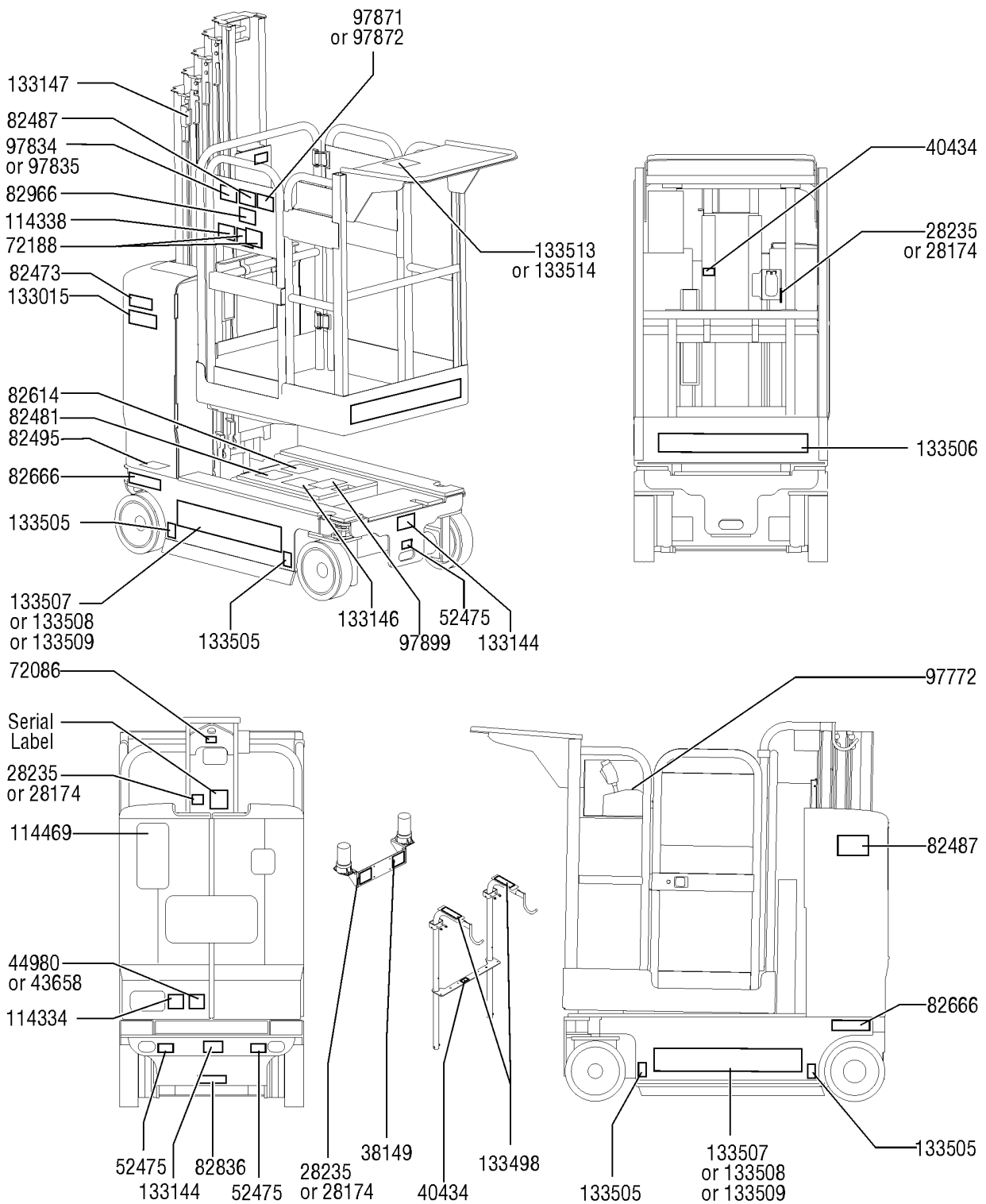


102.2 Decals with Symbols; ANSI, CSA

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
31	133147GT	DECAL,SYM-TIPOVER,LIMIT SWITCH	1
32	133498GT	DECAL,LABEL,MAX CAP BK RACK	2
33	133505GT	DECAL,LABEL,WHEEL LOAD	4
34	133506GT	DECAL,GENIE QUICKSTOCK	1
38	133510GT	DECAL,GENIE,QS-12W	2
41	133514GT	DECAL,LABEL,MAX CAP,TRAY,227KG	1
		QS-12, QS-15	

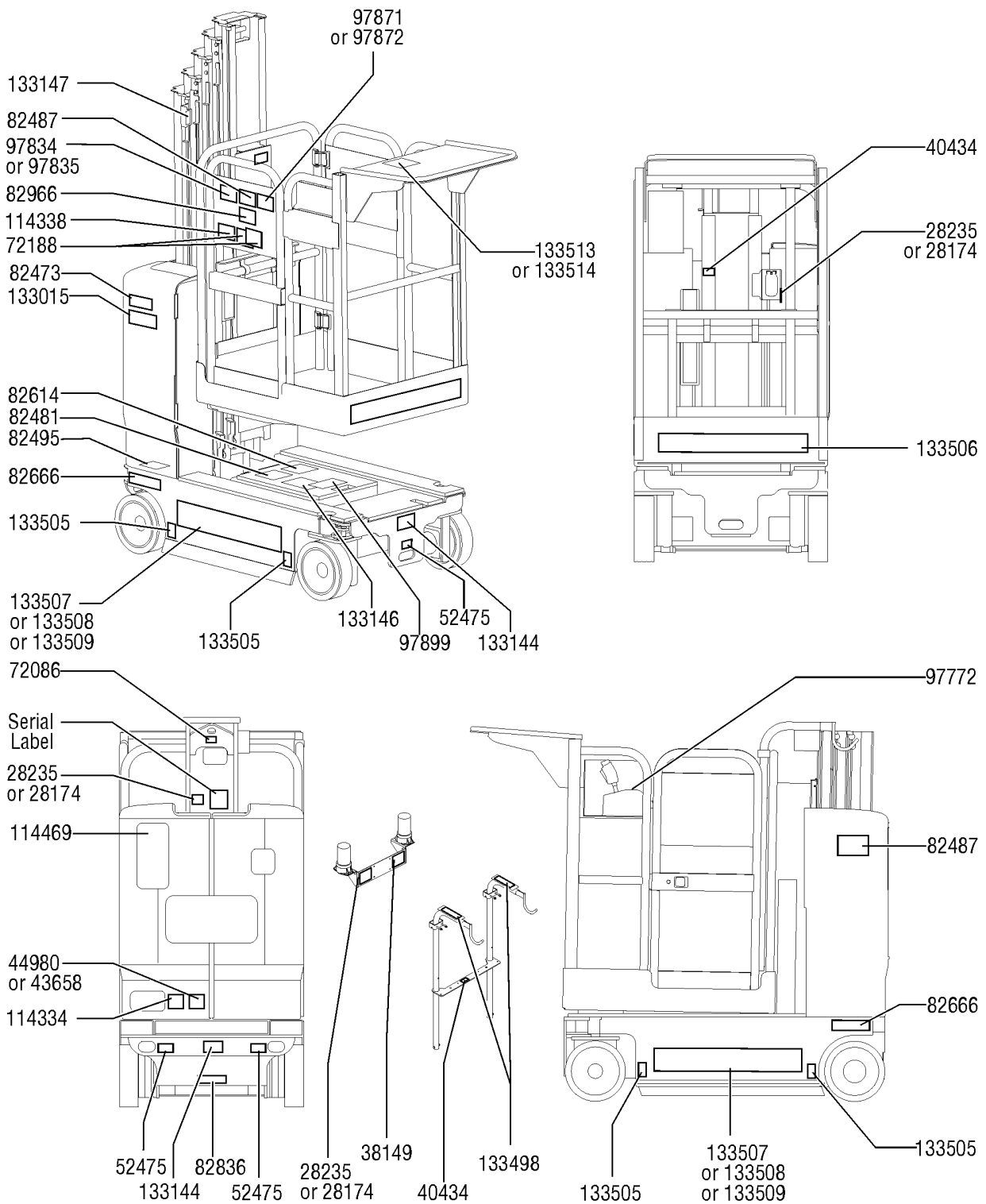


102.3 Decals with Symbols; ANSI, CSA



Item	Part No.	Description	Qty.
	115436GT	DECAL KIT,SAFETY/INSTR,SYM (includes all safety and instructional decals listed below)	
1	28174GT	DECAL,POWER TO PLATFORM 230V	2
2	28235GT	DECAL,POWER TO PLATFORM 115V	2
3	38149GT	DECAL,LABEL,PATENTS QS-R	1
4	40434GT	DECAL,LANYARD ANCHORAGE POINT	1
5	43658GT	DECAL, LABEL, PWR TO CHARGER 230 EU	1
6	44980GT	DECAL, LABEL, PWR TO CHARGER 115 UK	1
7	52475GT	DECAL,LABEL,TRANSPORT TIEDOWN*	3
8	72086GT	DECAL,LABEL,LIFTING EYE	1
9	72188GT	DECAL,DIRECTIONAL ARROWS,GR	2
10	82473GT	DECAL,SYMBOL-COMP ACCESS	1
11	82481GT	DECAL,SYMBOL-BATTERY SAFETY	1
12	82487GT	DECAL,SYMBOL-READ THE MANUAL	2
13	82495GT	DECAL,LABEL,FORKLIFT POCKET	1
14	82614GT	DECAL,DANGER,COLLISION HAZARD	1
15	82666GT	DECAL,LABEL,FORKLIFT POCKET	2
16	82836GT	LABEL,AUXILIARY LOWERING	1
17	82966GT	DECAL,SIDE FORCE,GR - ANSI,SYM (445 N)	1
18	97772GT	DECAL,OVERLAY,PLAT CONTROLS***	1
19	97834GT	DECAL-DANGER,MAX CAP-227 KG SP QS-12, QS-15	1
21	97871GT	DANGER-MAX CAP,BIKE RACK-SYM** QS-12, QS-15 (20 kg)	1
23	97898GT	DECAL-DANGER,MAX CAP-PARCEL SY QS-12, QS-15 (68 kg)	1
24	97899GT	DECAL,WARN,SAFETY CHOCK***	1
25	114334GT	DECAL SYMBOL ELECTRIC HAZARD PLUG	1
26	114338GT	DECAL,SYM-TIP-OVR,TILT ALARM	1
27	114469GT	DECAL,GROUND CONTROL PANEL ***	1
28	133015GT	DECAL,DANGER,ELEC.HAZ SYMB	1
29	133144GT	DECAL,LABEL-TRANSPORT DIGRAM	2

102.3 Decals with Symbols; ANSI, CSA

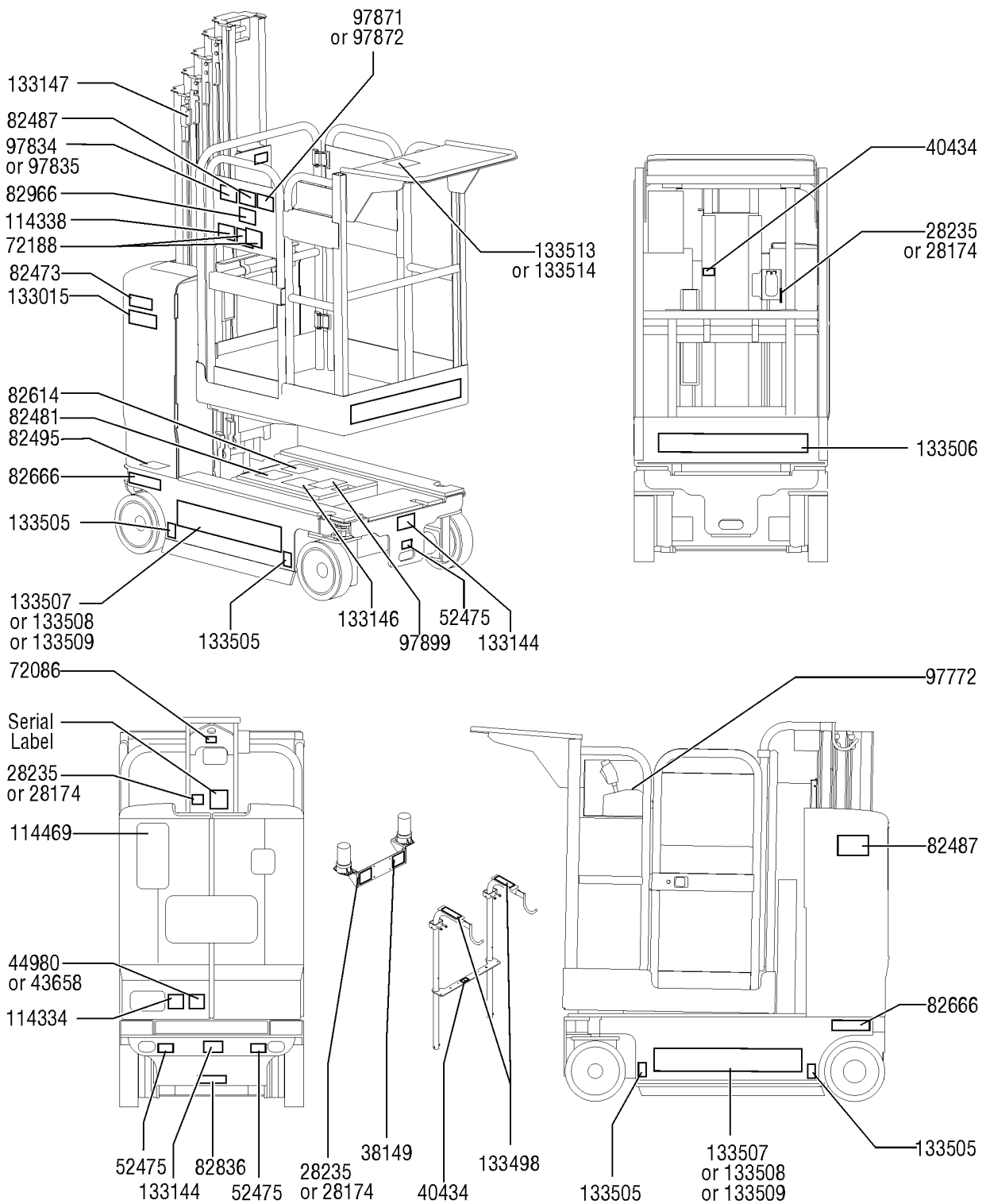


102.3 Decals with Symbols; ANSI, CSA

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
30	133146GT	DECAL,SYM-TIPOVER,BATTERIES,GR	1
31	133147GT	DECAL,SYM-TIPOVER,LIMIT SWITCH	1
32	133498GT	DECAL,LABEL,MAX CAP BK RACK	2
33	133505GT	DECAL,LABEL,WHEEL LOAD	4
34	133506GT	DECAL,GENIE QUICKSTOCK	1
36	133508GT	DECAL,GENIE,QS-15R	2
41	133514GT	DECAL,LABEL,MAX CAP,TRAY,227KG	1
		QS-12, QS-15	

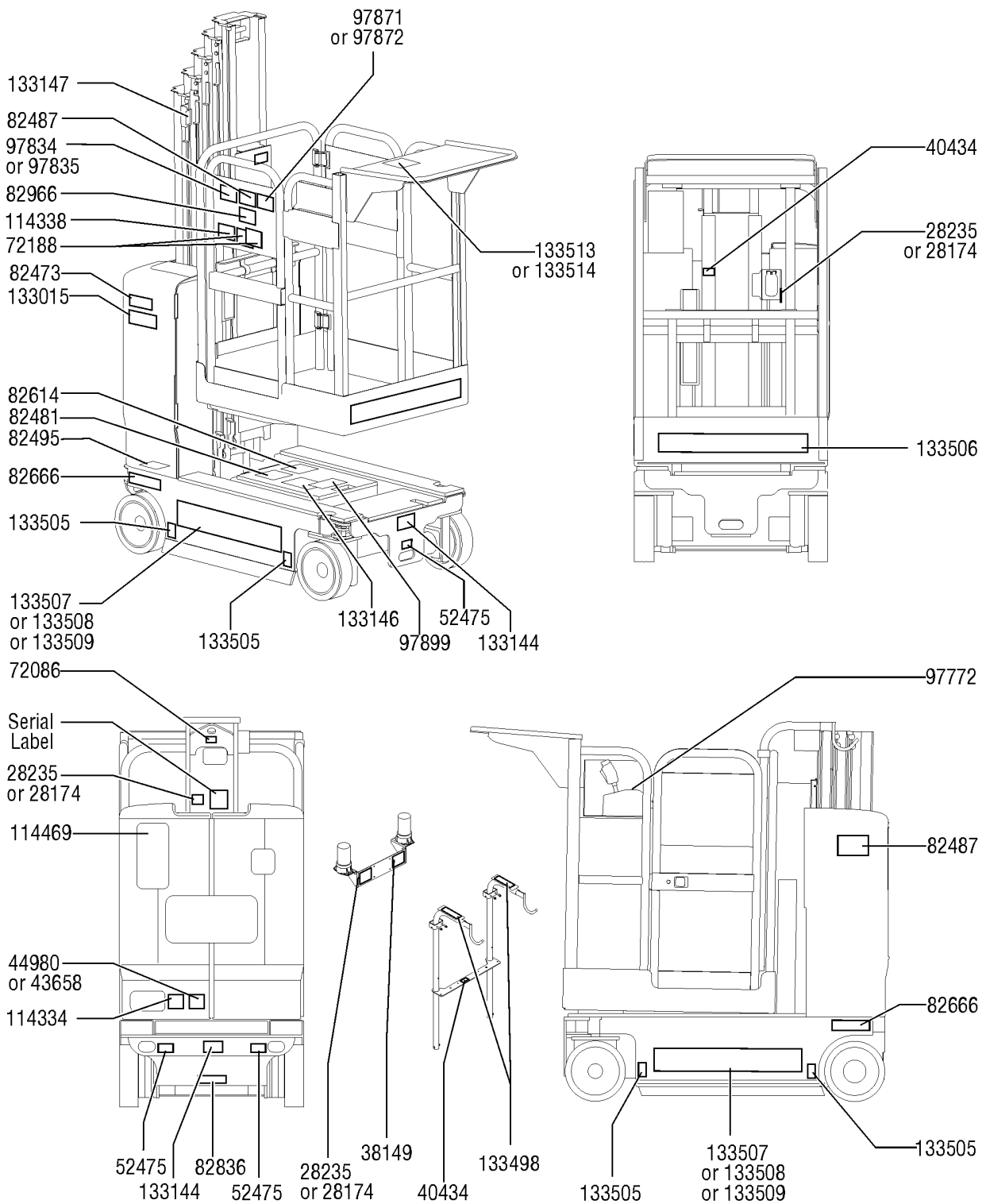


102.4 Decals with Symbols; ANSI, CSA



Item	Part No.	Description	Qty.
	115436GT	DECAL KIT,SAFETY/INSTR,SYM (includes all safety and instructional decals listed below)	
1	28174GT	DECAL,POWER TO PLATFORM 230V	2
2	28235GT	DECAL,POWER TO PLATFORM 115V	2
4	40434GT	DECAL,LANYARD ANCHORAGE POINT	1
5	43658GT	DECAL, LABEL, PWR TO CHARGER 230 EU	1
6	44980GT	DECAL, LABEL, PWR TO CHARGER 115 UK	1
7	52475GT	DECAL,LABEL,TRANSPORT TIEDOWN*	3
8	72086GT	DECAL,LABEL,LIFTING EYE	1
9	72188GT	DECAL,DIRECTIONAL ARROWS,GR	2
10	82473GT	DECAL,SYMBOL-COMP ACCESS	1
11	82481GT	DECAL,SYMBOL-BATTERY SAFETY	1
12	82487GT	DECAL,SYMBOL-READ THE MANUAL	2
13	82495GT	DECAL,LABEL,FORKLIFT POCKET	1
14	82614GT	DECAL,DANGER,COLLISION HAZARD	1
15	82666GT	DECAL,LABEL,FORKLIFT POCKET	2
16	82836GT	LABEL,AUXILIARY LOWERING	1
17	82966GT	DECAL,SIDE FORCE,GR - ANSI,SYM (445 N)	1
18	97772GT	DECAL,OVERLAY,PLAT CONTROLS***	1
19	97834GT	DECAL-DANGER,MAX CAP-227 KG SP QS-12, QS-15	1
21	97871GT	DANGER-MAX CAP,BIKE RACK-SYM** QS-12, QS-15 (20 kg)	1
23	97898GT	DECAL-DANGER,MAX CAP-PARCEL SY QS-12, QS-15 (68 kg)	1
24	97899GT	DECAL,WARN,SAFETY CHOCK***	1
25	114334GT	DECAL SYMBOL ELECTRIC HAZARD PLUG	1
26	114338GT	DECAL,SYM-TIP-OVR,TILT ALARM	1
27	114469GT	DECAL,GROUND CONTROL PANEL ***	1
28	133015GT	DECAL,DANGER,ELEC.HAZ SYMB	1
29	133144GT	DECAL,LABEL-TRANSPORT DIGRAM	2
30	133146GT	DECAL,SYM-TIPOVER,BATTERIES,GR	1

102.4 Decals with Symbols; ANSI, CSA

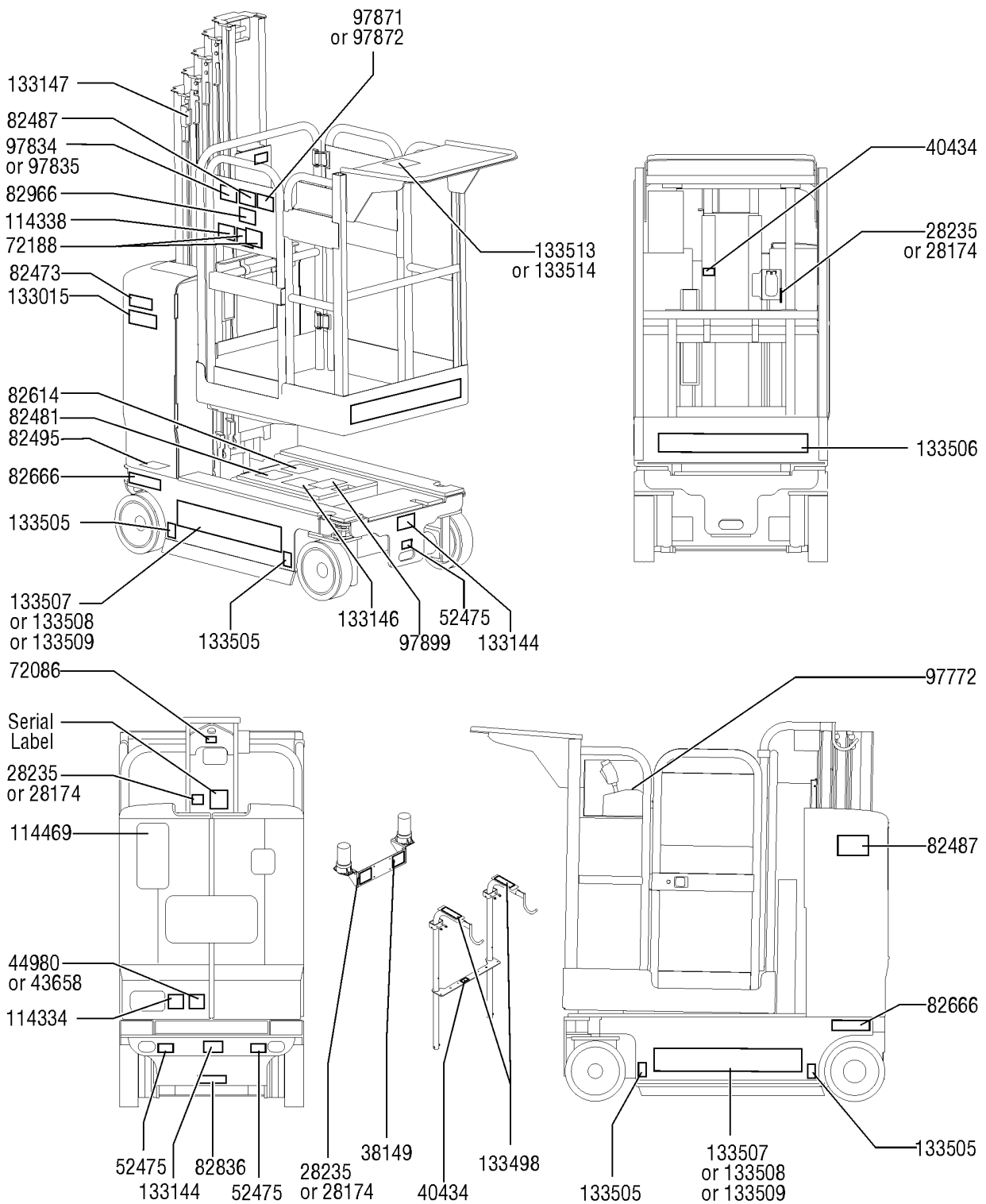


102.4 Decals with Symbols; ANSI, CSA

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
31	133147GT	DECAL,SYM-TIPOVER,LIMIT SWITCH	1
32	133498GT	DECAL,LABEL,MAX CAP BK RACK	2
33	133505GT	DECAL,LABEL,WHEEL LOAD	4
34	133506GT	DECAL,GENIE QUICKSTOCK	1
39	133511GT	DECAL,GENIE,QS-15W	2
41	133514GT	DECAL,LABEL,MAX CAP,TRAY,227KG	1
		QS-12, QS-15	



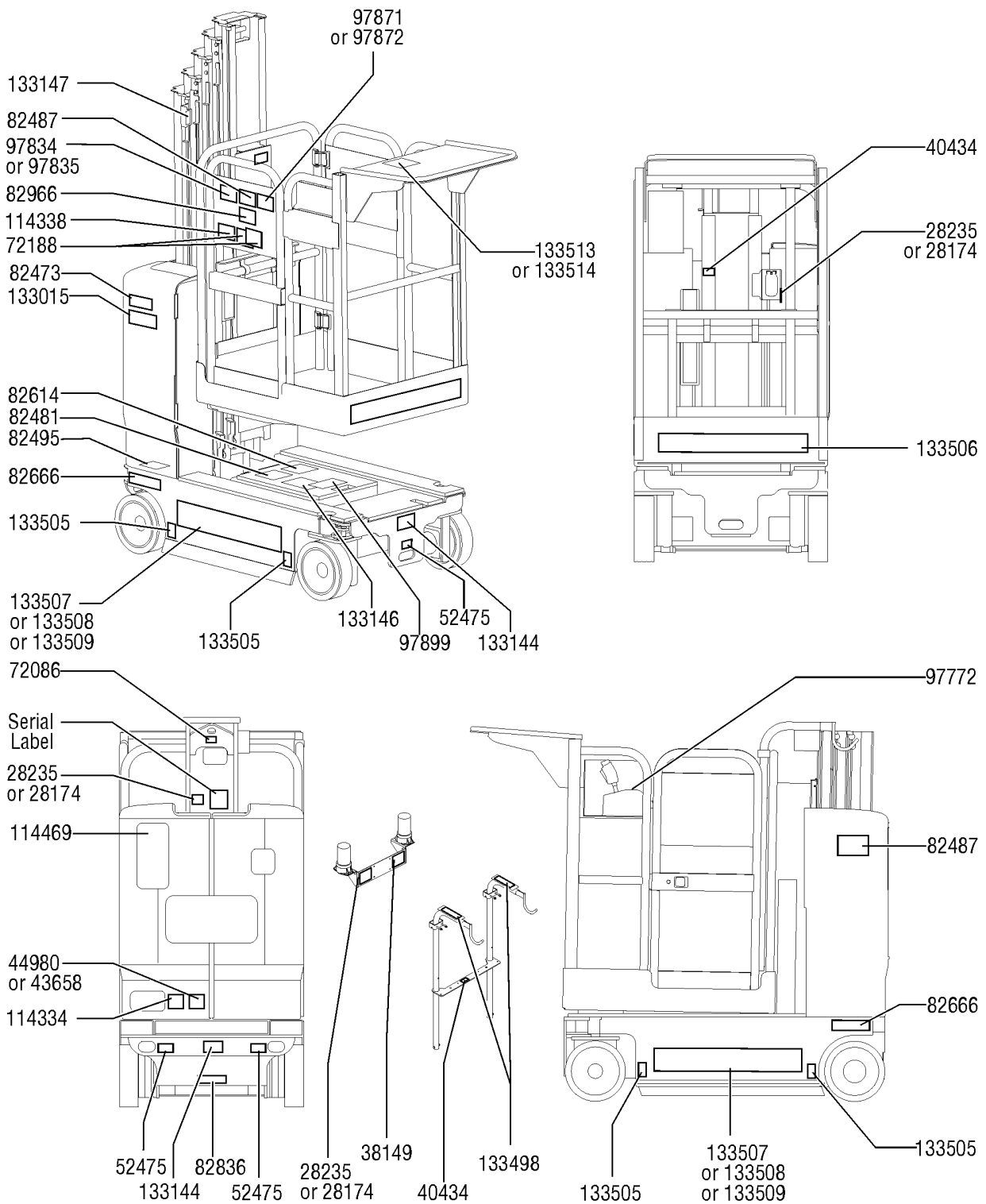
102.5 Decals with Symbols; ANSI, CSA



102.5 Decals with Symbols; ANSI, CSA

Item	Part No.	Description	Qty.
	115436GT	DECAL KIT,SAFETY/INSTR,SYM (includes all safety and instructional decals listed below)	
1	28174GT	DECAL,POWER TO PLATFORM 230V	2
2	28235GT	DECAL,POWER TO PLATFORM 115V	2
3	38149GT	DECAL,LABEL,PATENTS QS-R	1
4	40434GT	DECAL,LANYARD ANCHORAGE POINT	1
5	43658GT	DECAL, LABEL, PWR TO CHARGER 230 EU	1
6	44980GT	DECAL, LABEL, PWR TO CHARGER 115 UK	1
7	52475GT	DECAL,LABEL,TRANSPORT TIEDOWN*	3
8	72086GT	DECAL,LABEL,LIFTING EYE	1
9	72188GT	DECAL,DIRECTIONAL ARROWS,GR	2
10	82473GT	DECAL,SYMBOL-COMP ACCESS	1
11	82481GT	DECAL,SYMBOL-BATTERY SAFETY	1
12	82487GT	DECAL,SYMBOL-READ THE MANUAL	2
13	82495GT	DECAL,LABEL,FORKLIFT POCKET	1
14	82614GT	DECAL,DANGER,COLLISION HAZARD	1
15	82666GT	DECAL,LABEL,FORKLIFT POCKET	2
16	82836GT	LABEL,AUXILIARY LOWERING	1
17	82966GT	DECAL,SIDE FORCE,GR - ANSI,SYM (445 N)	1
18	97772GT	DECAL,OVERLAY,PLAT CONTROLS***	1
20	97835GT	DECAL-DANGER,MAX CAP-159 KG SP QS-20	1
22	97872GT	DANGER-MAX CAP,BIKE RACK-SYM** QS-20 (20 kg)	1
24	97899GT	DECAL,WARN,SAFETY CHOCK***	1
25	114334GT	DECAL SYMBOL ELECTRIC HAZARD PLUG	1
26	114338GT	DECAL,SYM-TIP-OVR,TILT ALARM	1
27	114469GT	DECAL,GROUND CONTROL PANEL ***	1
28	133015GT	DECAL,DANGER,ELEC.HAZ SYMB	1
29	133144GT	DECAL,LABEL-TRANSPORT DIGRAM	2
30	133146GT	DECAL,SYM-TIPOVER,BATTERIES,GR	1

102.5 Decals with Symbols; ANSI, CSA

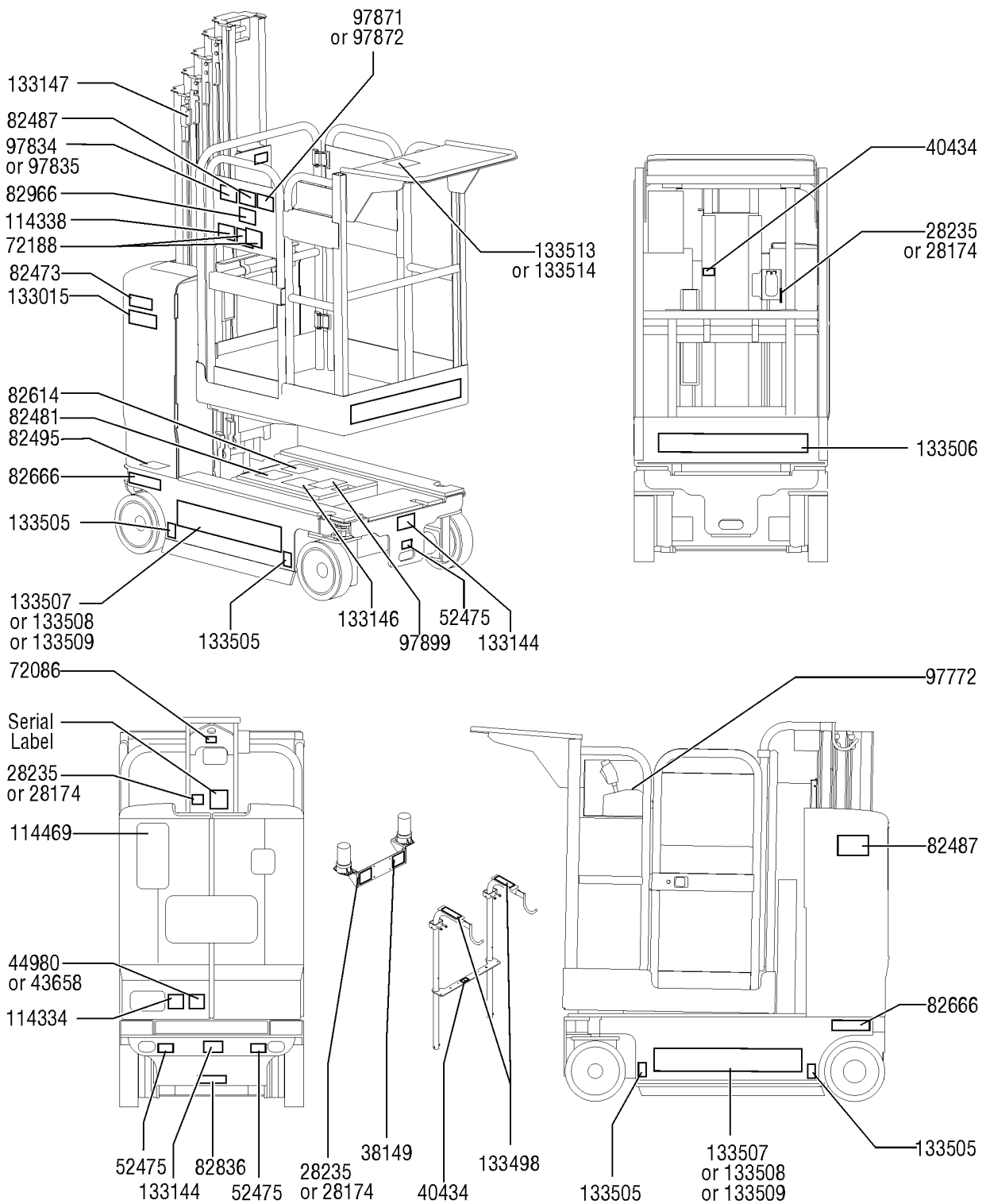


102.5 Decals with Symbols; ANSI, CSA

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
31	133147GT	DECAL,SYM-TIPOVER,LIMIT SWITCH	1
32	133498GT	DECAL,LABEL,MAX CAP BK RACK	2
33	133505GT	DECAL,LABEL,WHEEL LOAD	4
34	133506GT	DECAL,GENIE QUICKSTOCK	1
37	133509GT	DECAL,GENIE,QS-20R	2
42	133513GT	DECAL,LABEL,MAX CAP,TRAY,159KG	1
		QS-20	



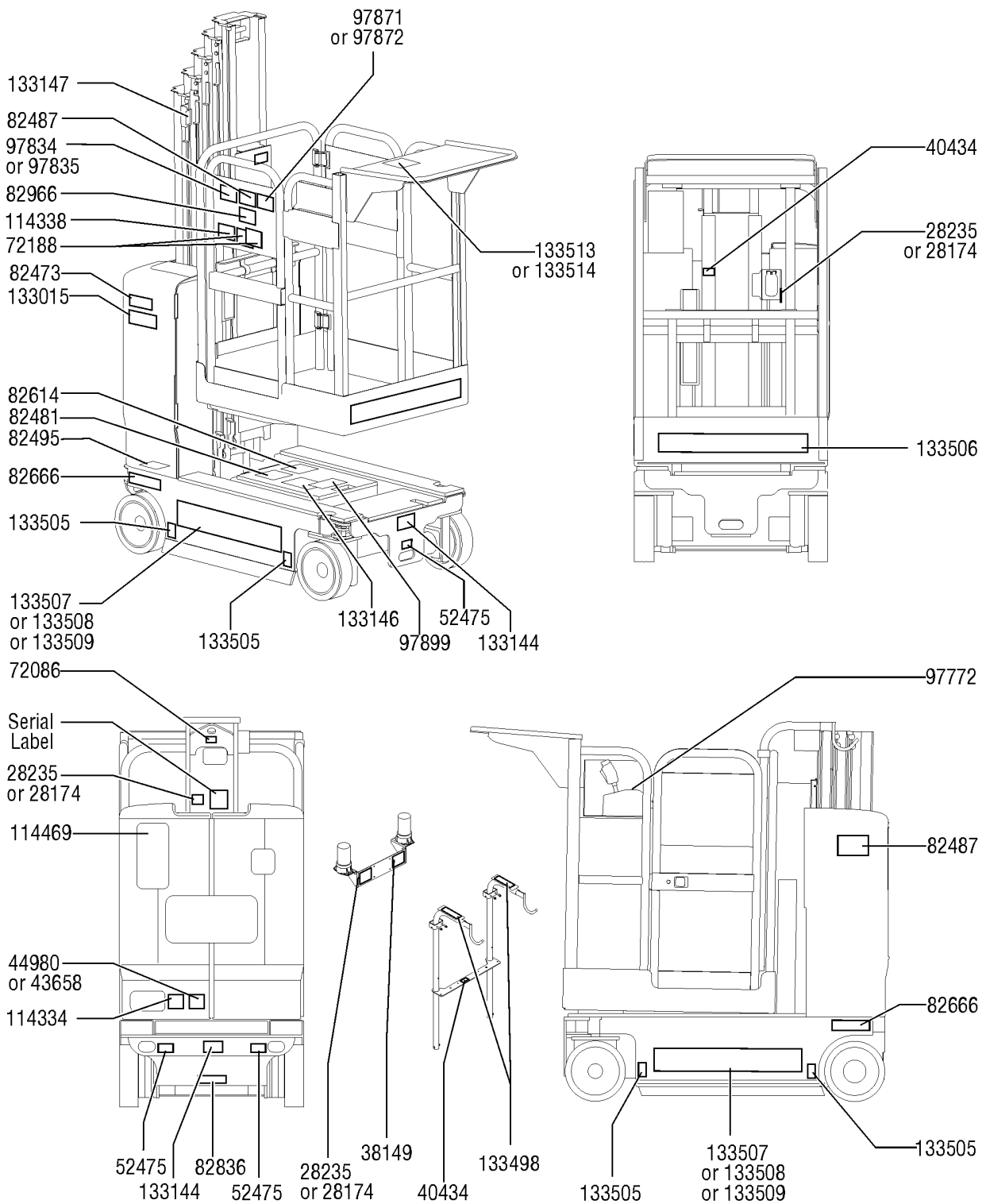
102.6 Decals with Symbols; ANSI, CSA



102.6 Decals with Symbols; ANSI, CSA

Item	Part No.	Description	Qty.
	115436GT	DECAL KIT,SAFETY/INSTR,SYM (includes all safety and instructional decals listed below)	
1	28174GT	DECAL,POWER TO PLATFORM 230V	2
2	28235GT	DECAL,POWER TO PLATFORM 115V	2
4	40434GT	DECAL,LANYARD ANCHORAGE POINT	1
5	43658GT	DECAL, LABEL, PWR TO CHARGER 230 EU	1
6	44980GT	DECAL, LABEL, PWR TO CHARGER 115 UK	1
7	52475GT	DECAL,LABEL,TRANSPORT TIEDOWN*	3
8	72086GT	DECAL,LABEL,LIFTING EYE	1
9	72188GT	DECAL,DIRECTIONAL ARROWS,GR	2
10	82473GT	DECAL,SYMBOL-COMP ACCESS	1
11	82481GT	DECAL,SYMBOL-BATTERY SAFETY	1
12	82487GT	DECAL,SYMBOL-READ THE MANUAL	2
13	82495GT	DECAL,LABEL,FORKLIFT POCKET	1
14	82614GT	DECAL,DANGER,COLLISION HAZARD	1
15	82666GT	DECAL,LABEL,FORKLIFT POCKET	2
16	82836GT	LABEL,AUXILIARY LOWERING	1
17	82966GT	DECAL,SIDE FORCE,GR - ANSI,SYM (445 N)	1
18	97772GT	DECAL,OVERLAY,PLAT CONTROLS***	1
20	97835GT	DECAL-DANGER,MAX CAP-159 KG SP QS-20	1
22	97872GT	DANGER-MAX CAP,BIKE RACK-SYM** QS-20 (20 kg)	1
24	97899GT	DECAL,WARN,SAFETY CHOCK***	1
25	114334GT	DECAL SYMBOL ELECTRIC HAZARD PLUG	1
26	114338GT	DECAL,SYM-TIP-OVR,TILT ALARM	1
27	114469GT	DECAL,GROUND CONTROL PANEL ***	1
28	133015GT	DECAL,DANGER,ELEC.HAZ SYMB	1
29	133144GT	DECAL,LABEL-TRANSPORT DIGRAM	2
30	133146GT	DECAL,SYM-TIPOVER,BATTERIES,GR	1
31	133147GT	DECAL,SYM-TIPOVER,LIMIT SWITCH	1

102.6 Decals with Symbols; ANSI, CSA

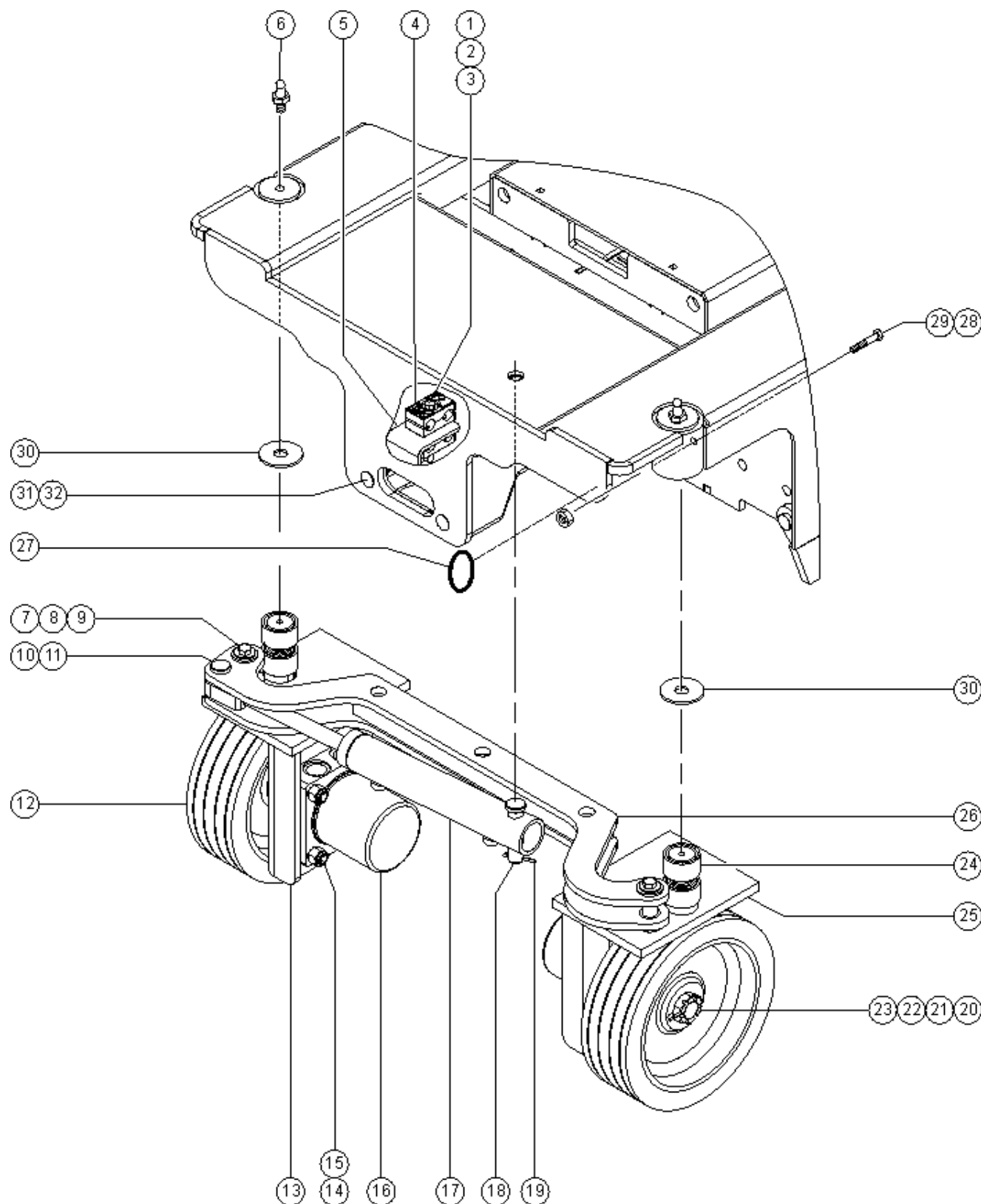


102.6 Decals with Symbols; ANSI, CSA

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
32	133498GT	DECAL,LABEL,MAX CAP BK RACK	2
33	133505GT	DECAL,LABEL,WHEEL LOAD	4
34	133506GT	DECAL,GENIE QUICKSTOCK	1
40	133512GT	DECAL,GENIE,QS-20W	2
42	133513GT	DECAL,LABEL,MAX CAP,TRAY,159KG	1
		QS-20	



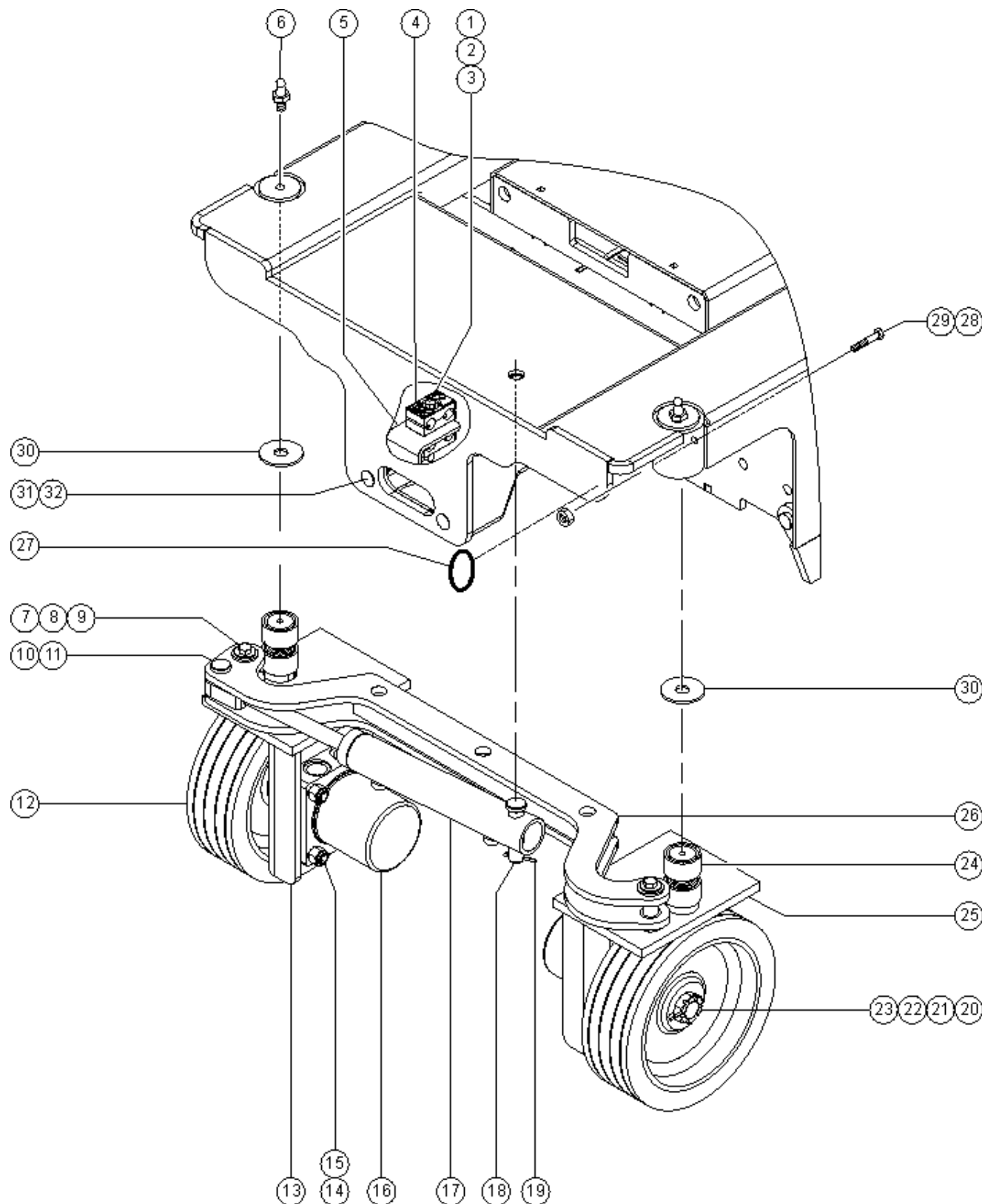
201.1 Steer Axle Linkage and Wheels



201.1 Steer Axle Linkage and Wheels

Item	Part No.	Description	Qty.
1	12343GT	SCREW,HHC,1/4-20 X 3	
2	6638GT	WASHER, FLAT, USS, 1/4"Y	
3	6091GT	NUT, NYLOCK, 1/4-20	
4	78736GT	CLAMP,2 HOSE,PLASTIC,5/8	4
5	124122GT	FORMING, DRIVE HOSE GUARD	
6	66770GT	FITTING,STRAIGHT DRIVE-IN ZERK	2
7	8255GT	SCREW,HHC,3/8-16 X .75	
8	6097GT	WASHER, FLAT, USS, 3/8", Y	
9	47548GT	BEARING,FLANGE,0.75IDX1.00ODX0.49L	4
10	6545GT	PIN, CLEVIS, .75 X 2	1
11	5361GT	PIN,COTTER,.125 X 1.5	2
12	57998GT	WHEEL&TIRE ASSEMBLY,10" grey, non-marking	2
13	145084GT	WELDMENT, STEER YOKE, LH, GR QS-12, QS-15 (ground controls side)	1
14	9145GT	SCREW,HHC,1/2-13 X 2.5,GR5	
15	6198GT	NUT, NYLOCK, 1/2-13	
16	57996GT	MOTOR, 10.0 CU IN/REV DRIVE	2
16-	65616GT	SEAL KIT PWR WHL MOTOR	
17	105547GT	CYLINDER,GS/GR STEER***	1
17-	105550GT	KIT,STEER CYL SEAL	
18	1259195GT	PIN,CLEVIS,3/4X3.25,ZAG	1
19	96423GT	RUE RING, 3/4PIN	2
20	5361GT	PIN,COTTER,.125 X 1.5	2
21	69548GT	NUT, 3/4-16, UNF, 2B, SLOTTED	2
22	69547GT	KEY,DRIVE MOTOR(57996)	2
24	18396GT	BEARING,1.5IDX1.75ODX1.0L	4
25	145083GT	WELDMENT, STEER YOKE, RH, GR QS-12, QS-15 (power unit side)	1
26	107359GT	TIE ROD ASSY W/BRNGS,GR2 (includes item 9)	1
27	106924GT	GROMMET,RUBBER .38X.2X1.75	2

201.1 Steer Axle Linkage and Wheels

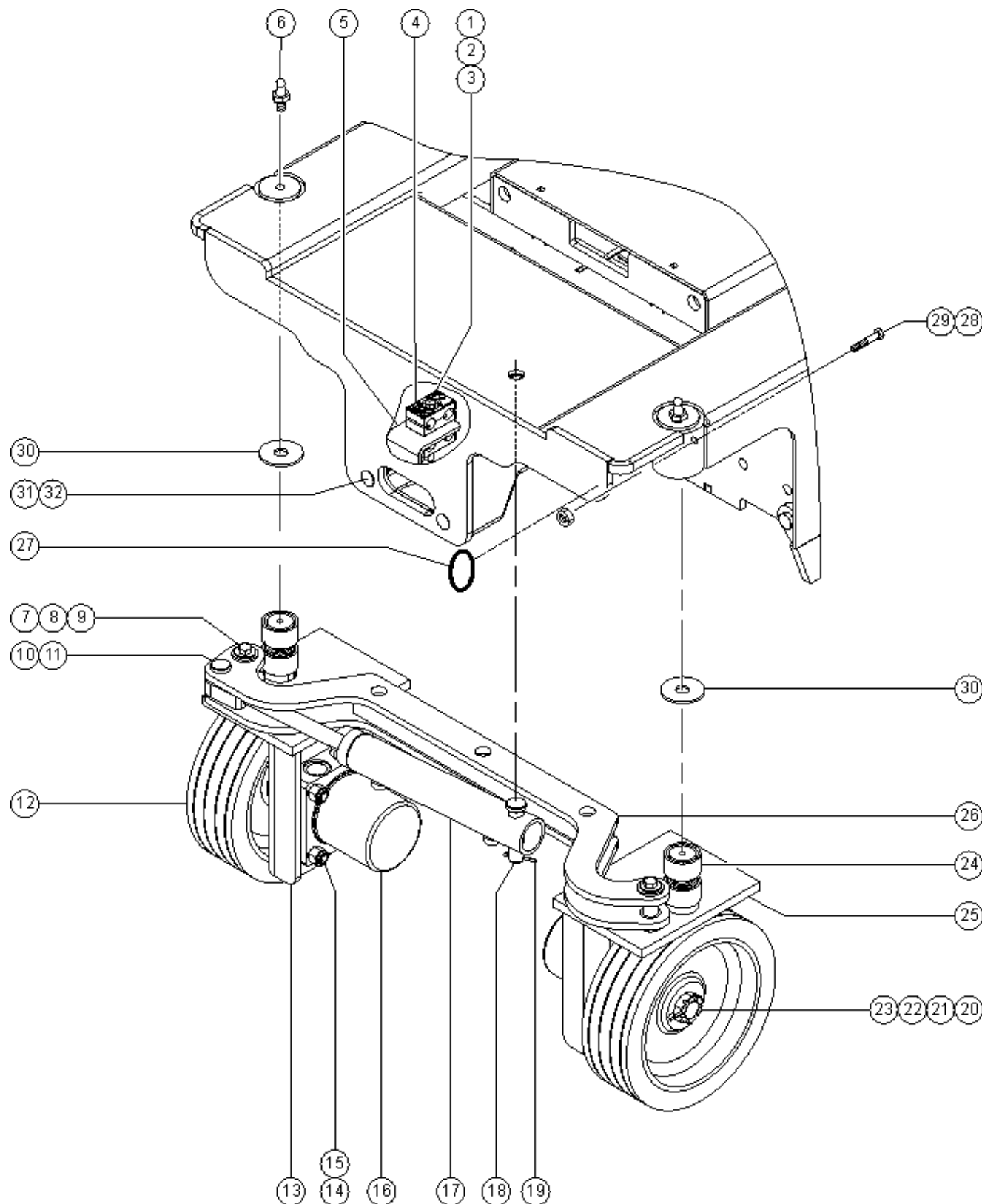


201.1 Steer Axle Linkage and Wheels

Item	Part No.	Description	Qty.
28	109581GT	SCREW,SET,HS1/4-20X.625W/PATCH	
29	6357GT	NUT,HEX,1/4-20	
30	105565GT	WASHER,THRUST, GS	
31	105092GT	BOLT,CARRIAGE,3/8-16X1.25,GR5	
32	4828GT	NUT, NYLOCK, 3/8-16	



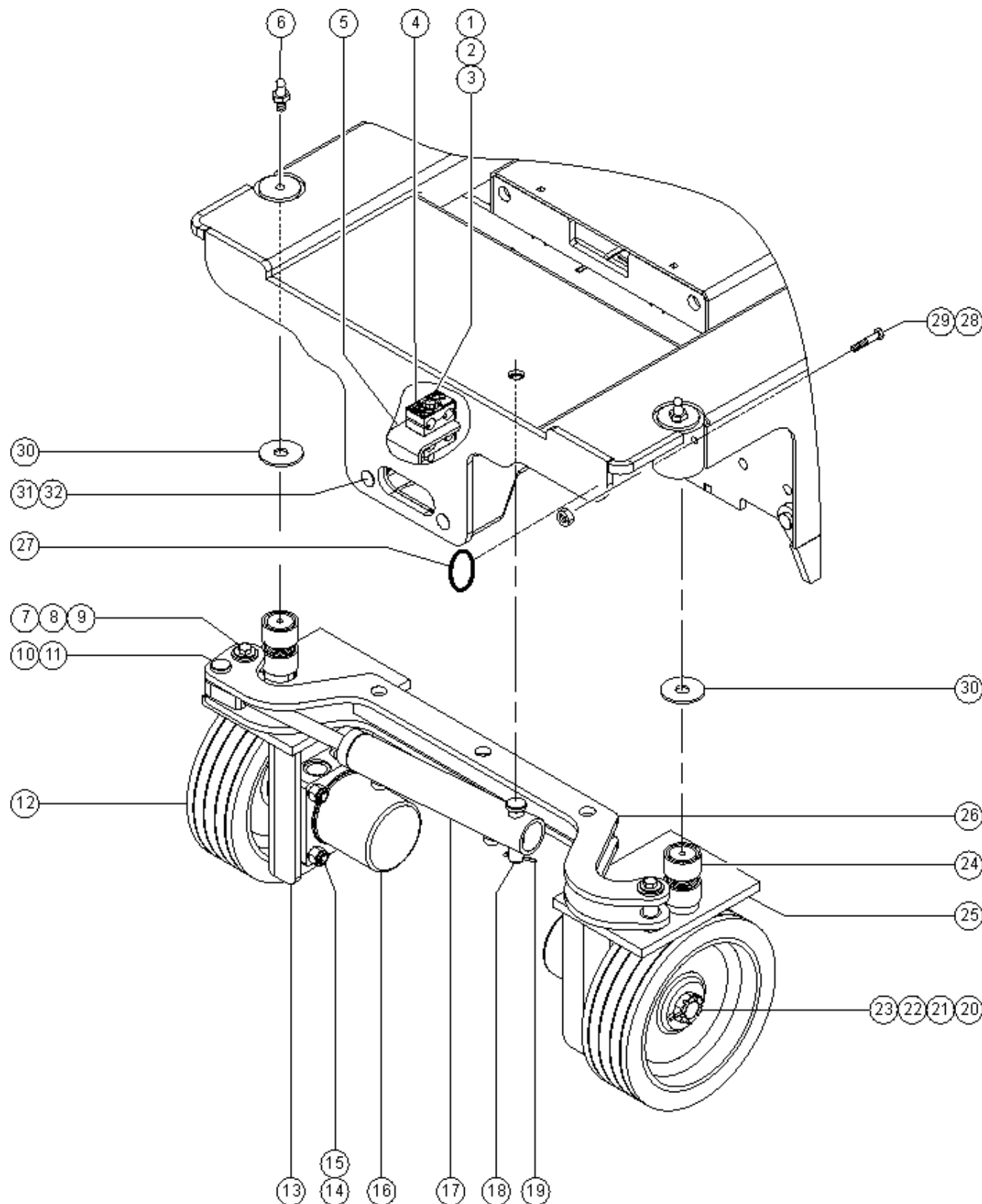
201.2 Steer Axle Linkage and Wheels



201.2 Steer Axle Linkage and Wheels

Item	Part No.	Description	Qty.
1	12343GT	SCREW,HHC,1/4-20 X 3	
2	6638GT	WASHER, FLAT, USS, 1/4"Y	
3	6091GT	NUT, NYLOCK, 1/4-20	
4	78736GT	CLAMP,2 HOSE,PLASTIC,5/8	4
5	124122GT	FORMING, DRIVE HOSE GUARD	
6	66770GT	FITTING,STRAIGHT DRIVE-IN ZERK	2
7	8255GT	SCREW,HHC,3/8-16 X .75	
8	6097GT	WASHER, FLAT, USS, 3/8", Y	
9	47548GT	BEARING,FLANGE,0.75IDX1.00ODX0.49L	4
10	6545GT	PIN, CLEVIS, .75 X 2	1
11	5361GT	PIN,COTTER,.125 X 1.5	2
12	57998GT	WHEEL&TIRE ASSEMBLY,10" grey, non-marking	2
13	145084GT	WELDMENT, STEER YOKE, LH, GR QS-12, QS-15 (ground controls side)	1
14	9145GT	SCREW,HHC,1/2-13 X 2.5,GR5	
15	6198GT	NUT, NYLOCK, 1/2-13	
16	57996GT	MOTOR, 10.0 CU IN/REV DRIVE	2
16-	65616GT	SEAL KIT PWR WHL MOTOR	
17	105547GT	CYLINDER,GS/GR STEER***	1
17-	105550GT	KIT,STEER CYL SEAL	
18	1259195GT	PIN,CLEVIS,3/4X3.25,ZAG	1
19	96423GT	RUE RING, 3/4PIN	2
20	5361GT	PIN,COTTER,.125 X 1.5	2
21	69548GT	NUT, 3/4-16, UNF, 2B, SLOTTED	2
22	69547GT	KEY,DRIVE MOTOR(57996)	2
23	33373GT	WASHER,SHIM,1.50 X .890 X .09	
24	18396GT	BEARING,1.5IDX1.75ODX1.0L	4
25	145083GT	WELDMENT, STEER YOKE, RH, GR QS-12, QS-15 (power unit side)	1
26	107359GT	TIE ROD ASSY W/BRNGS,GR2 (includes item 9)	1

201.2 Steer Axle Linkage and Wheels

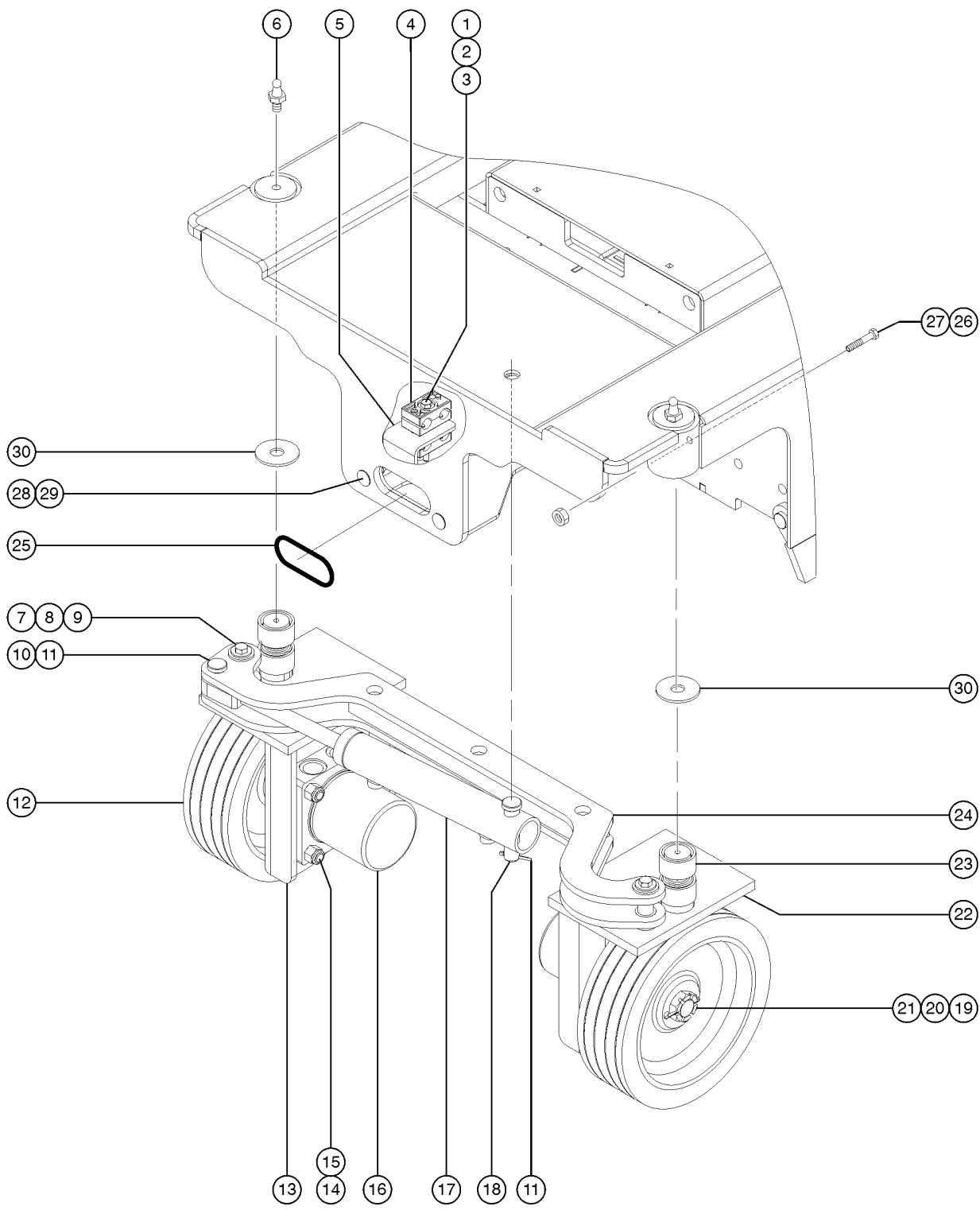


201.2 Steer Axle Linkage and Wheels

Item	Part No.	Description	Qty.
27	106924GT	GROMMET,RUBBER .38X.2X1.75	2
28	109581GT	SCREW,SET,HS1/4-20X.625W/PATCH	
29	6357GT	NUT,HEX,1/4-20	
30	105565GT	WASHER,THRUST, GS	
31	105092GT	BOLT,CARRIAGE,3/8-16X1.25,GR5	
32	4828GT	NUT, NYLOCK, 3/8-16	



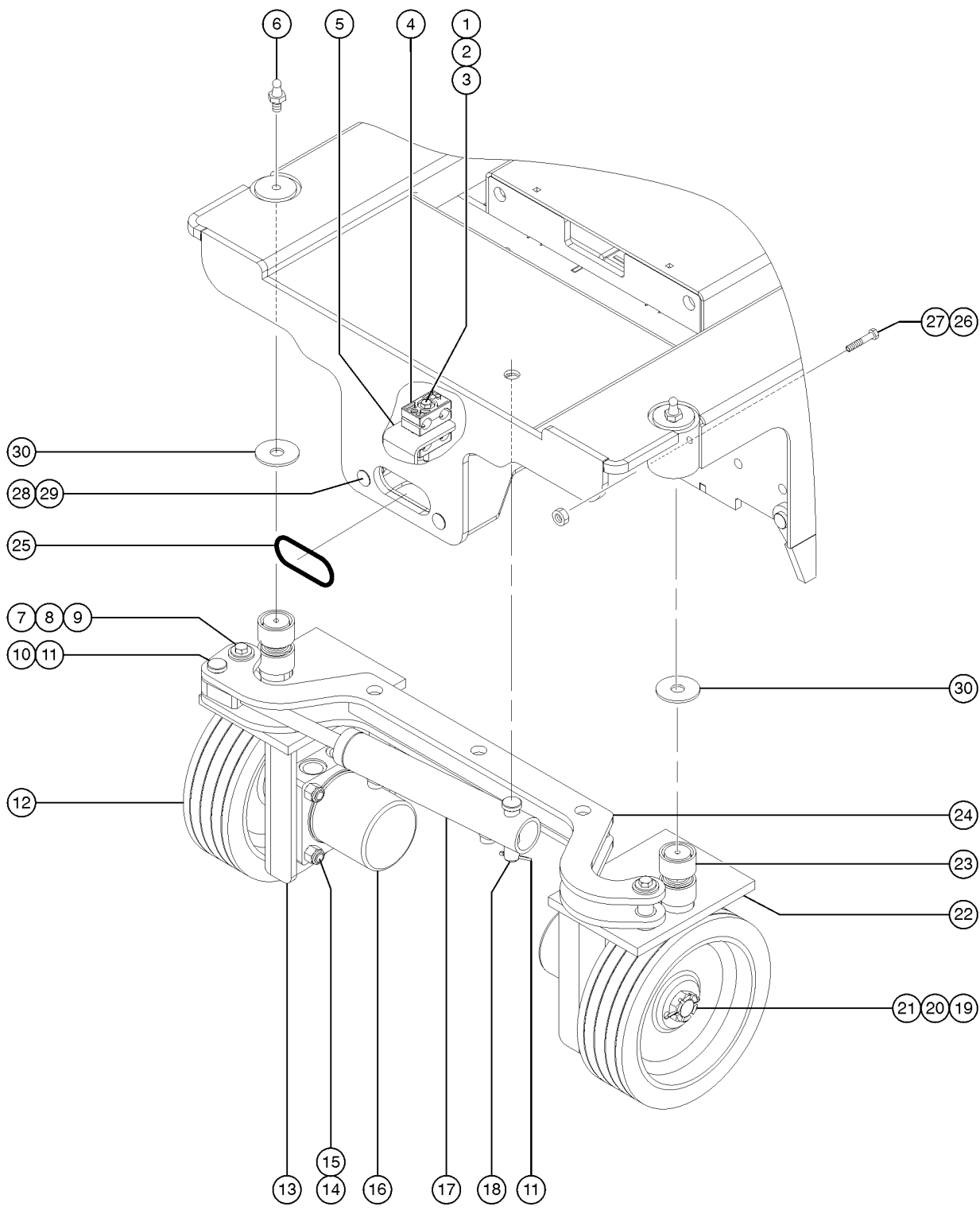
201.3 Steer Axle Linkage and Wheels



201.3 Steer Axle Linkage and Wheels

Item	Part No.	Description	Qty.
1	12343GT	SCREW,HHC,1/4-20 X 3	
2	6638GT	WASHER, FLAT, USS, 1/4"Y	
3	6091GT	NUT, NYLOCK, 1/4-20	
4	78736GT	CLAMP,2 HOSE,PLASTIC,5/8	4
5	124122GT	FORMING, DRIVE HOSE GUARD	
6	66770GT	FITTING,STRAIGHT DRIVE-IN ZERK	2
7	8255GT	SCREW,HHC,3/8-16 X .75	
8	6097GT	WASHER, FLAT, USS, 3/8", Y	
9	47548GT	BEARING,FLANGE,0.75IDX1.00ODX0.49L	4
10	6545GT	PIN, CLEVIS, .75 X 2	1
11	5361GT	PIN,COTTER,.125 X 1.5	2
12	57998GT	WHEEL&TIRE ASSEMBLY,10" grey, non-marking	2
13A	145086GT	WELDMENT, STEER YOKE, LH, GR20 QS-20 (ground controls side)	
14	9145GT	SCREW,HHC,1/2-13 X 2.5,GR5	
15	6198GT	NUT, NYLOCK, 1/2-13	
16	57996GT	MOTOR, 10.0 CU IN/REV DRIVE	2
16-	65616GT	SEAL KIT PWR WHL MOTOR	
17	105547GT	CYLINDER,GS/GR STEER***	1
17-	105550GT	KIT,STEER CYL SEAL	
18	1259195GT	PIN,CLEVIS,3/4X3.25,ZAG	1
19	96423GT	RUE RING, 3/4PIN	2
20	5361GT	PIN,COTTER,.125 X 1.5	2
21	69548GT	NUT, 3/4-16, UNF, 2B, SLOTTED	2
22	69547GT	KEY,DRIVE MOTOR(57996)	2
23	33373GT	WASHER,SHIM,1.50 X .890 X .09	
24	18396GT	BEARING,1.5IDX1.75ODX1.0L	4
25A	145085GT	WELDMENT, STEER YOKE, RT, GR20 QS-20 (power unit side)	
26	107359GT	TIE ROD ASSY W/BRNGS,GR2 (includes item 9)	1

201.3 Steer Axle Linkage and Wheels

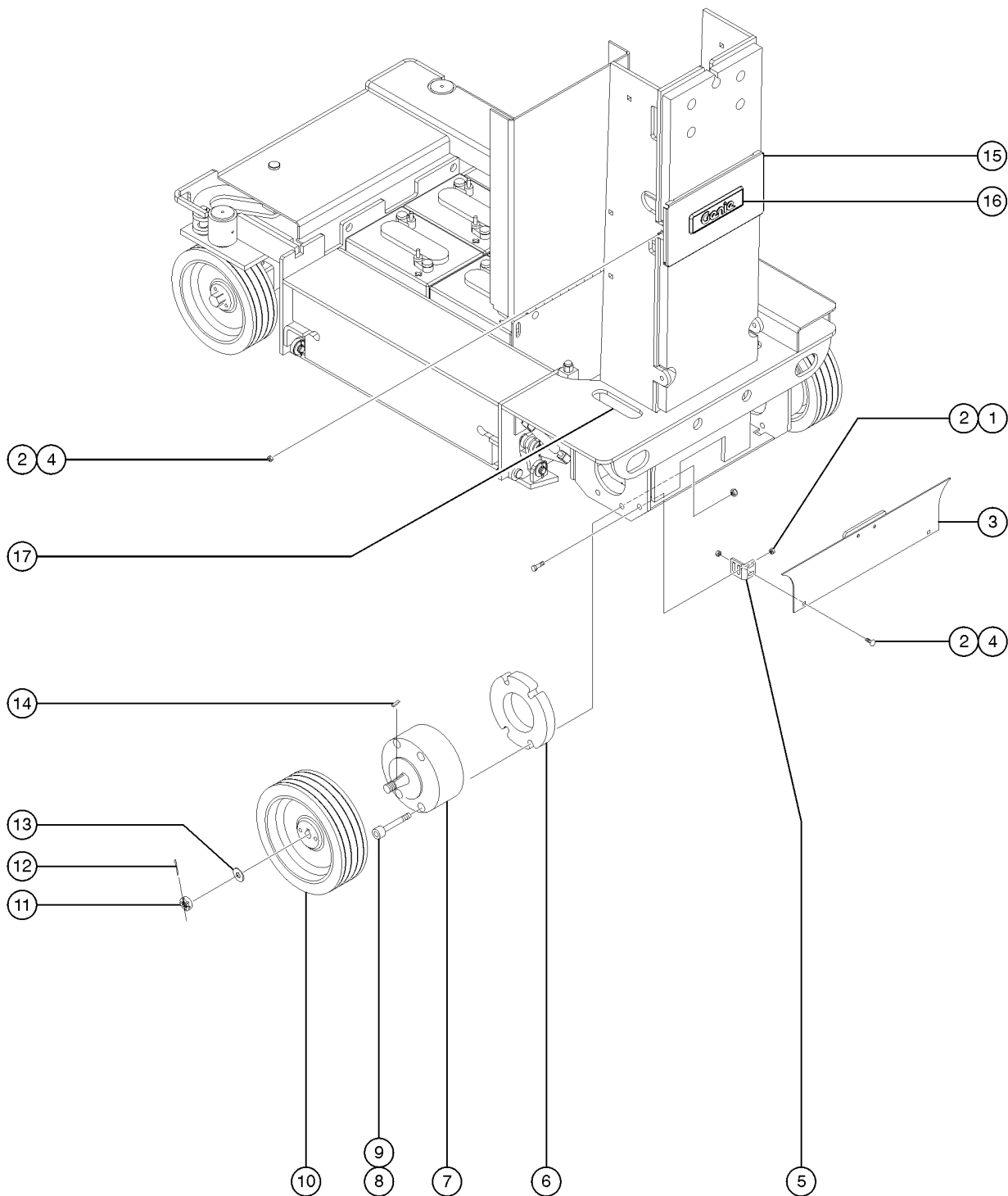


201.3 Steer Axle Linkage and Wheels

Item	Part No.	Description	Qty.
27	106924GT	GROMMET,RUBBER .38X.2X1.75	2
28	109581GT	SCREW,SET,HS1/4-20X.625W/PATCH	
29	6357GT	NUT,HEX,1/4-20	
30	105565GT	WASHER,THRUST, GS	
31	105092GT	BOLT,CARRIAGE,3/8-16X1.25,GR5	
32	4828GT	NUT, NYLOCK, 3/8-16	

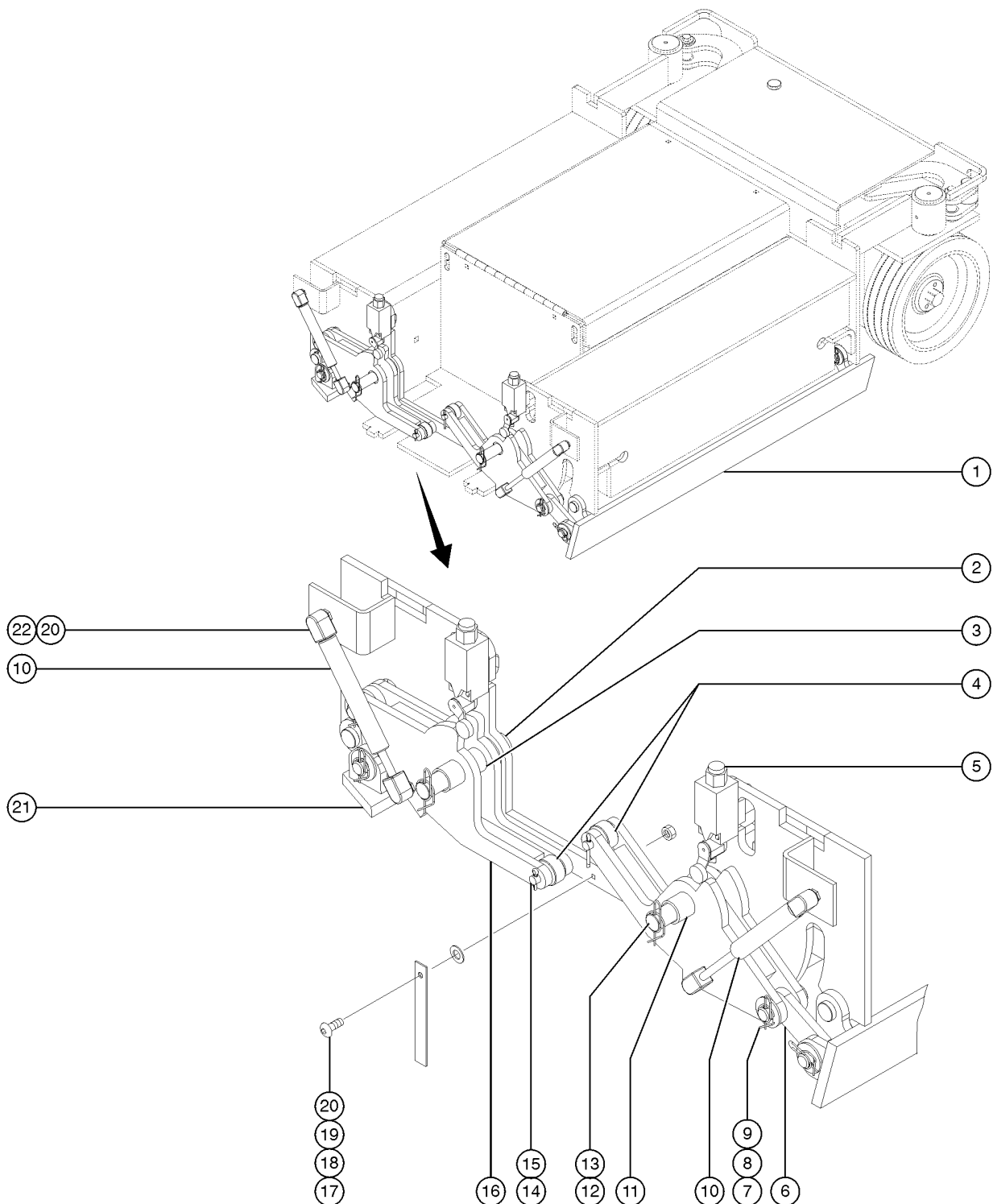


202.1 Non-steer Axle



Item	Part No.	Description	Qty.
1	6888GT	SCREW, HHC, 1/4-20 X 1	
2	6091GT	NUT, NYLOCK, 1/4-20	
3	822685GT	FIELD KIT, REAR COVER, GR	1
4	6878GT	BOLT, CARRIAGE, 1/4-20 X .75, G2	
5	96113GT	BRACKET, TRAY LATCH	2
6	100808GT	PLATE, BRAKE SPACER, GR20	2
7	215550GT	BRAKE, 1.5IN/FT SHAFT, W/ORIFICE	2
8	52730GT	SCREW, SHC, 1/2-13 X 5	
		to SN 125	
8A	42360GT	SCREW, SHC, 1/2-13 X 4 ZINC	
		from SN 126 (for use with 145307 brake)	
9	6198GT	NUT, NYLOCK, 1/2-13	
10	57998GT	WHEEL&TIRE ASSEMBLY, 10"	2
		grey, non-marking	
11	69548GT	NUT, 3/4-16, UNF, 2B, SLOTTED	2
12	5361GT	PIN, COTTER, .125 X 1.5	2
13	33373GT	WASHER, SHIM, 1.50 X .890 X .09	
14	69547GT	KEY, DRIVE MOTOR(57996)	2
15	124244GT	FORMING, GR EMBLEM MNTG PLATE	
16	130083GT	EMBLEM, GENIE, 8 IN.	
17	105440GT	GROMMET, RUBBER 2.5 X 3.0	2

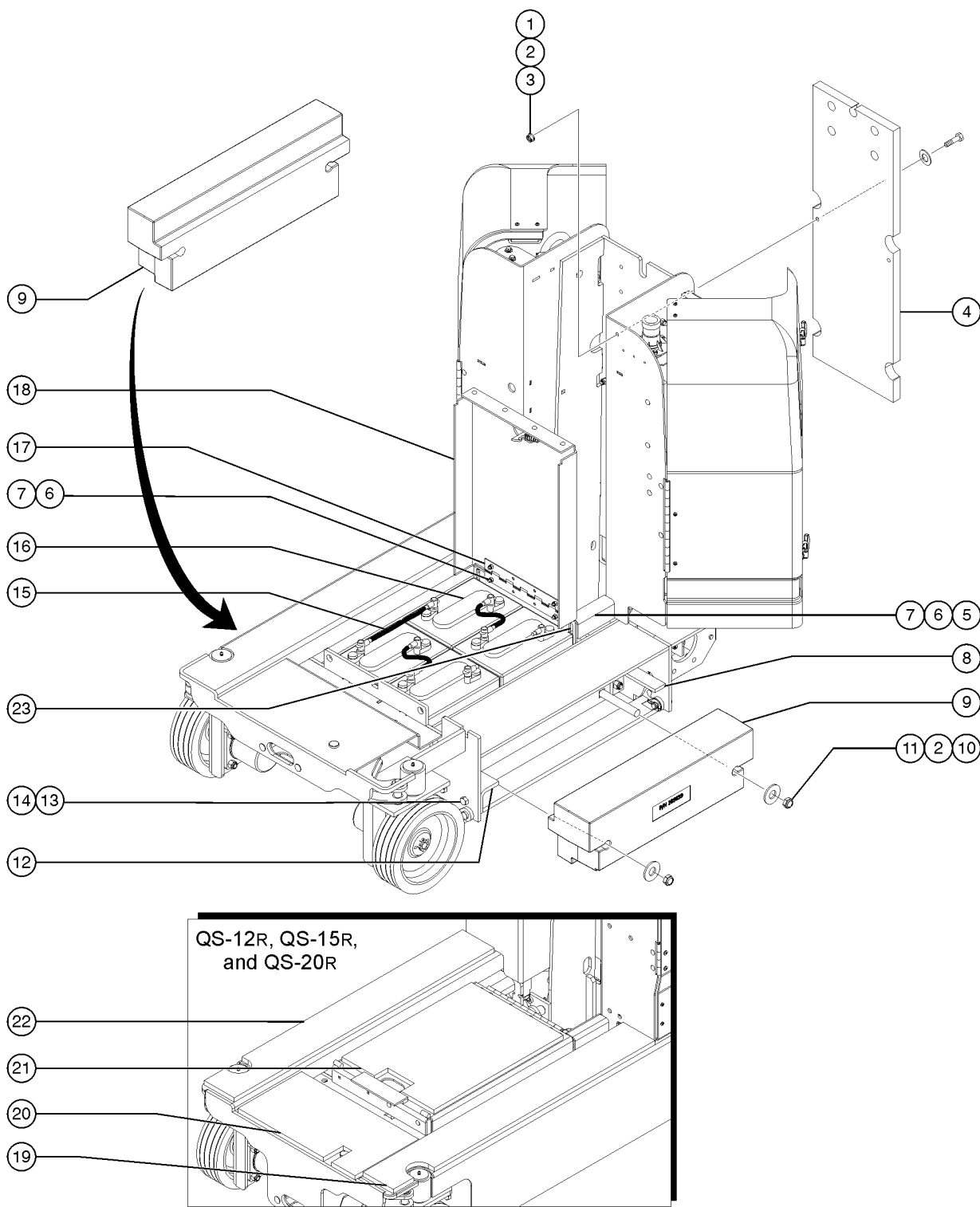
203.1 Pothole Protection Assembly



203.1 Pothole Protection Assembly

Item	Part No.	Description	Qty.
1	100489GT	WELDMENT, POTHOLE GUARD, RT (power unit side)	1
2	55355GT	SPACER,.75ID X 1.5OD X 1/4THK 2	2
3	96642GT	BEARING,.75ID X 1.0OD X 1.38LG 2	2
4	96541GT	CAM FOLLOWER, 1.125 X .375, DELRIN 2	2
5	96948GT	SWITCH, LIMIT, W/ROLLER ARM*** 2	2
5-	19491GT	CONTACTOR,LIMIT SWITCH 2	
5-	97128GT	ROLLER ARM,LIMIT SWITCH*** 2	
5-	87561GT	CABLE SQUEEZE CONN 2 WIRE 2	
5-	51063GT	SCREW,PHILLIPS,RHM,10-32 X 1.5 4	4
5-	1290346-2550GT	HOSE ASSY, 3/8", 25.50 4	4
5-	15513GT	NUT,HEX,10-32 4	4
6	100492GT	PLATE, POTHOLE LOWER LINK 2	2
7	96422GT	RUE RING,5/8 PIN 8	8
8	96135GT	PIN,CLEVIS,.625 X 1.88,ZINC PL 8	8
9	22261GT	WASHER,FLAT,.650 X 1.312 X.095 2	
10	100834GT	GAS SPRING, GR 2	2
11	100915GT	SPACER,.82 ID X1.0 ODX1.125 LG 2	2
12	96423GT	RUE RING, 3/4PIN 2	2
13	78060GT	PIN,CLEVIS,.75 DIA. X 4.00 2	2
14	12016GT	PIN, COTTER, .125 X .75 2	2
15	34742GT	PIN,CLEVIS,.375 X 1.75 LG. 2	2
16	107370GT	UPPER POTHOLE LINK ASSY W/BRNG 2	2
17	64154GT	(includes item 3) BOLT, CARRIAGE, 3/8-16 X 1.00, G5 2	
18	105060GT	GROUND STRAP, 8"LG 2	2
19	6097GT	WASHER, FLAT, USS, 3/8", Y 2	
20	7713GT	NUT, LP NYLOCK, 3/8-16 2	
21	100488GT	WELDMENT, POTHOLE GUARD, LT 1	1
22	78086GT	(ground controls side) BALL STUD, GAS STRUT, 3/8-16 4	4

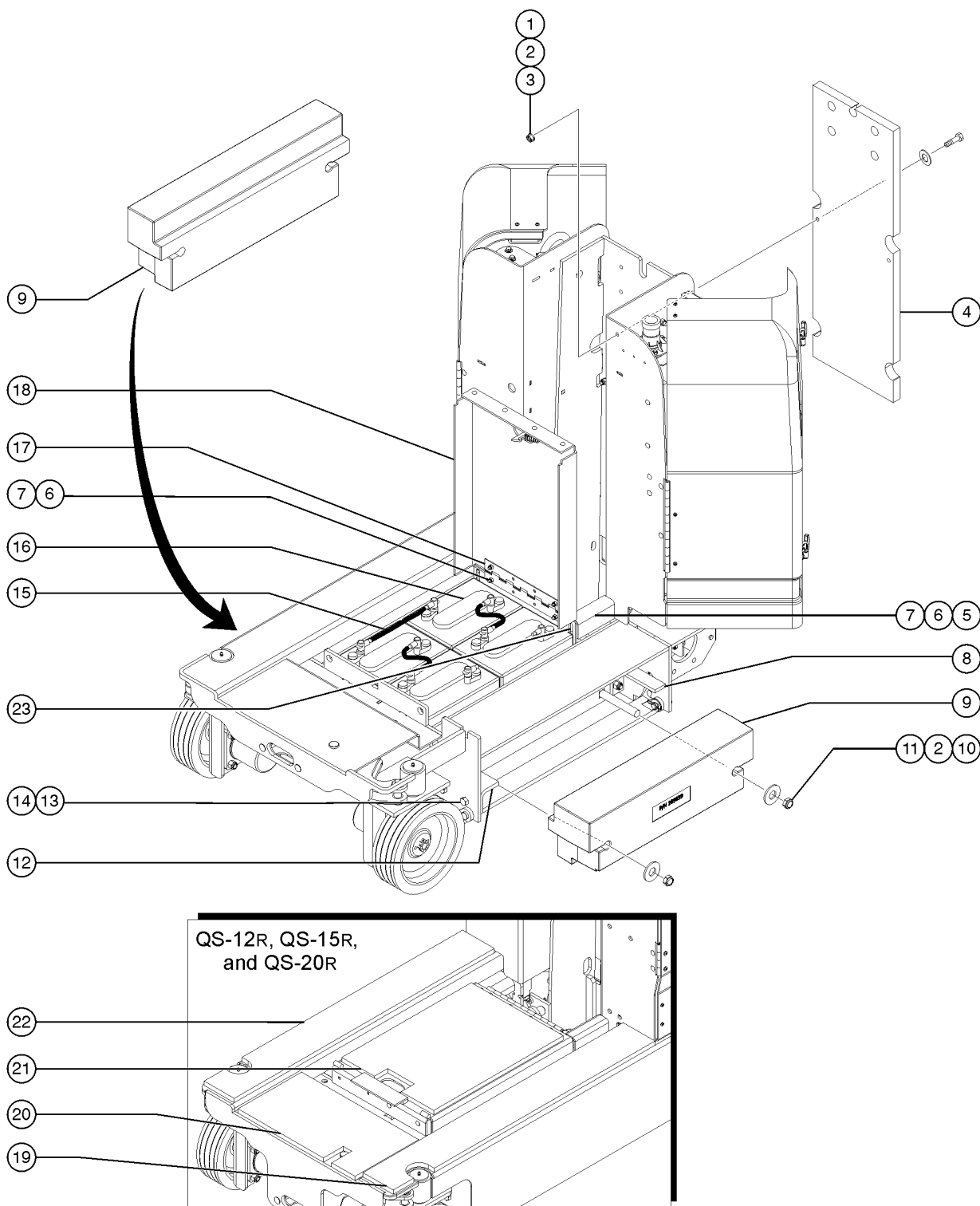
204.1 Battery Pack and Counterweight Brackets



204.1 Battery Pack and Counterweight Brackets

Item	Part No.	Description	Qty.
5	100913GT	FORMING, CABLE BRIDGE	1
6	6878GT	BOLT,CARRIAGE,1/4-20 X .75,G2	
7	6091GT	NUT, NYLOCK, 1/4-20	
15		Ref. Battery Cables	
		(refer to 208.1)	
16	76502GT	BATTERY,T105 W/LPT,3 CAP,DRY**	4
		no longer available (contact customer service)	
16A	105150GT	BATTERY, AGM, 6V, (TROJAN) ***	
16A	145329GT	SPACER, QS BATTERY TRAY	1
		.75 x .375 x 6.5 inches	
16A-	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	
16B	76494GT	BATTERY, 6V, 225AH, T105, ELPT	4
17	47569GT	HINGE, 11"X 2.5"X.44"	1
18A	115433GT	BATTERY COVER ASSY,WORDS	1
		QS-R (USA, Canada, Australia)	
18A-	100986GT	PLATE,BATT. TRAY LATCH HANDLE	
18A-	23396GT	SPRING,CONTROL CABLE, AWP	
18A-	96699GT	SLEEVE,TANK SUPPORT	
		(bushing)	
18C	115434GT	BATTERY COVER ASSY,SYM,QS-R	1
		(Europe, Asia, South America)	
18C-	100986GT	PLATE,BATT. TRAY LATCH HANDLE	
18C-	23396GT	SPRING,CONTROL CABLE, AWP	
18C-	96699GT	SLEEVE,TANK SUPPORT	
		(bushing)	
19	145013GT	PAD, OBSTACLE SENSE G.C. SIDE	1
		QS-R (for wire cable, refer to 209.1)	
20	145016GT	PAD, OBSTACLE SENSING FRONT,GR	1
		QS-R (for wire cable, refer to 209.1)	
21	115438GT	PAD,OBSTACLE SENSE, WORD	1
		QS-R (for wire cable, refer to 209.1)	
21A	115439GT	PAD,OBSTACLE SENSE, SYMBOL	
		QS-R (for wire cable, refer to 209.1)	
22	145014GT	PAD,OBSTACLE SENSE TANK SIDE	1
		QS-R (for wire cable, refer to 209.1)	
23	124962GT	GROMMET,RUBBER,1.0 X 1.25X1.5	

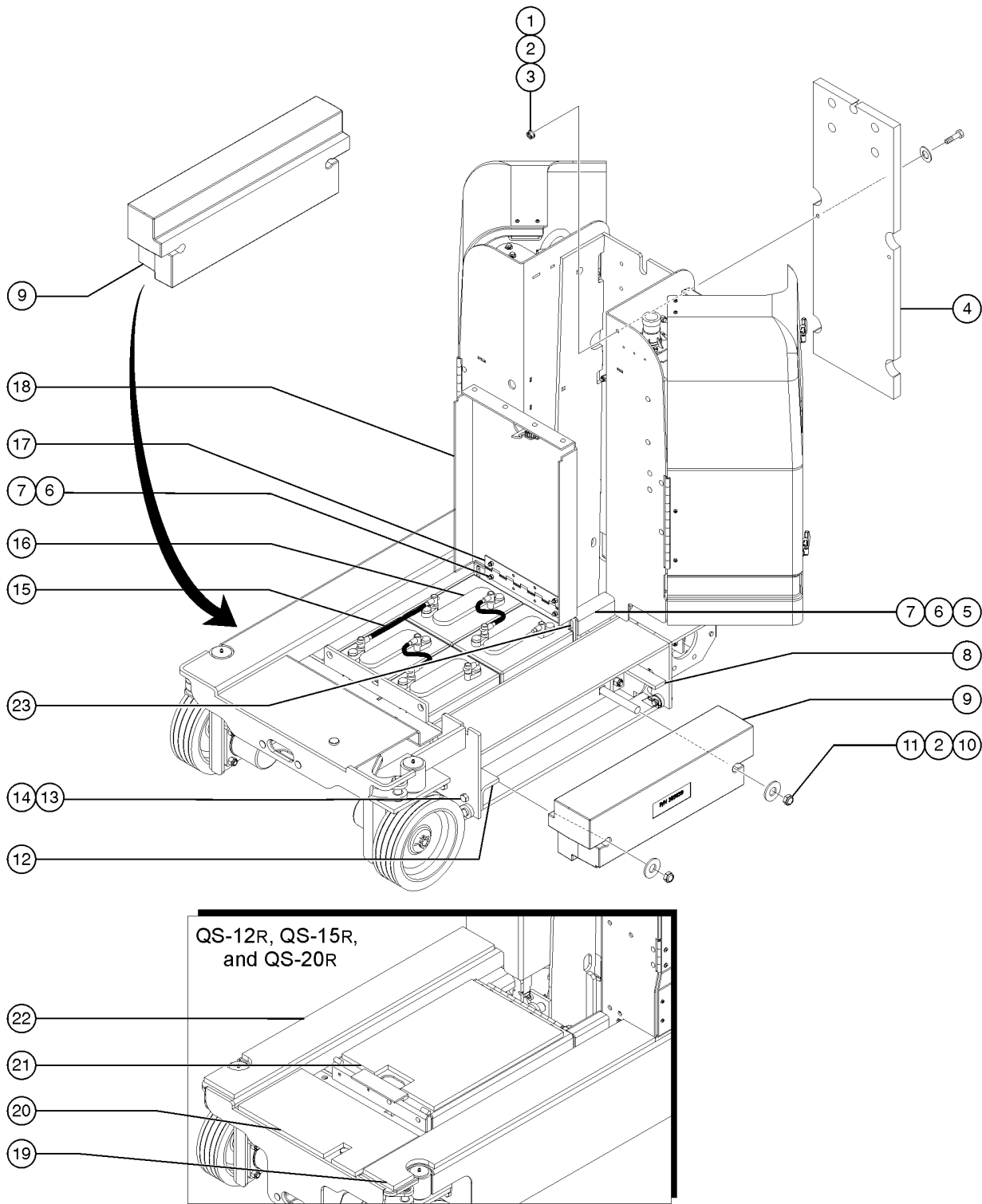
204.2 Battery Pack and Counterweight Brackets



204.2 Battery Pack and Counterweight Brackets

Item	Part No.	Description	Qty.
5	100913GT	FORMING, CABLE BRIDGE	1
6	6878GT	BOLT,CARRIAGE,1/4-20 X .75,G2	
7	6091GT	NUT, NYLOCK, 1/4-20	
15		Ref. Battery Cables	
		(refer to 208.1)	
16	76502GT	BATTERY,T105 W/LPT,3 CAP,DRY**	4
		no longer available (contact customer service)	
16A	105150GT	BATTERY, AGM, 6V, (TROJAN) ***	
16A	145329GT	SPACER, QS BATTERY TRAY	1
		.75 x .375 x 6.5 inches	
16A-	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	
16B	76494GT	BATTERY, 6V, 225AH, T105, ELPT	4
17	47569GT	HINGE, 11"X 2.5"X.44"	1
18	107133GT	BATTERY COVER ASSY,WORDS	1
		QS-W (USA, Canada, Australia)	
18-	100986GT	PLATE,BATT. TRAY LATCH HANDLE	
18-	23396GT	SPRING,CONTROL CABLE, AWP	
18-	96699GT	SLEEVE,TANK SUPPORT	
		(bushing)	
18B	107134GT	BATTERY COVER ASSY,SYMBOLS	1
		QS-W (Europe, Asia, South America)	
18B-	100986GT	PLATE,BATT. TRAY LATCH HANDLE	
18B-	23396GT	SPRING,CONTROL CABLE, AWP	
18B-	96699GT	SLEEVE,TANK SUPPORT	
		(bushing)	
23	124962GT	GROMMET,RUBBER,1.0 X 1.25X1.5	

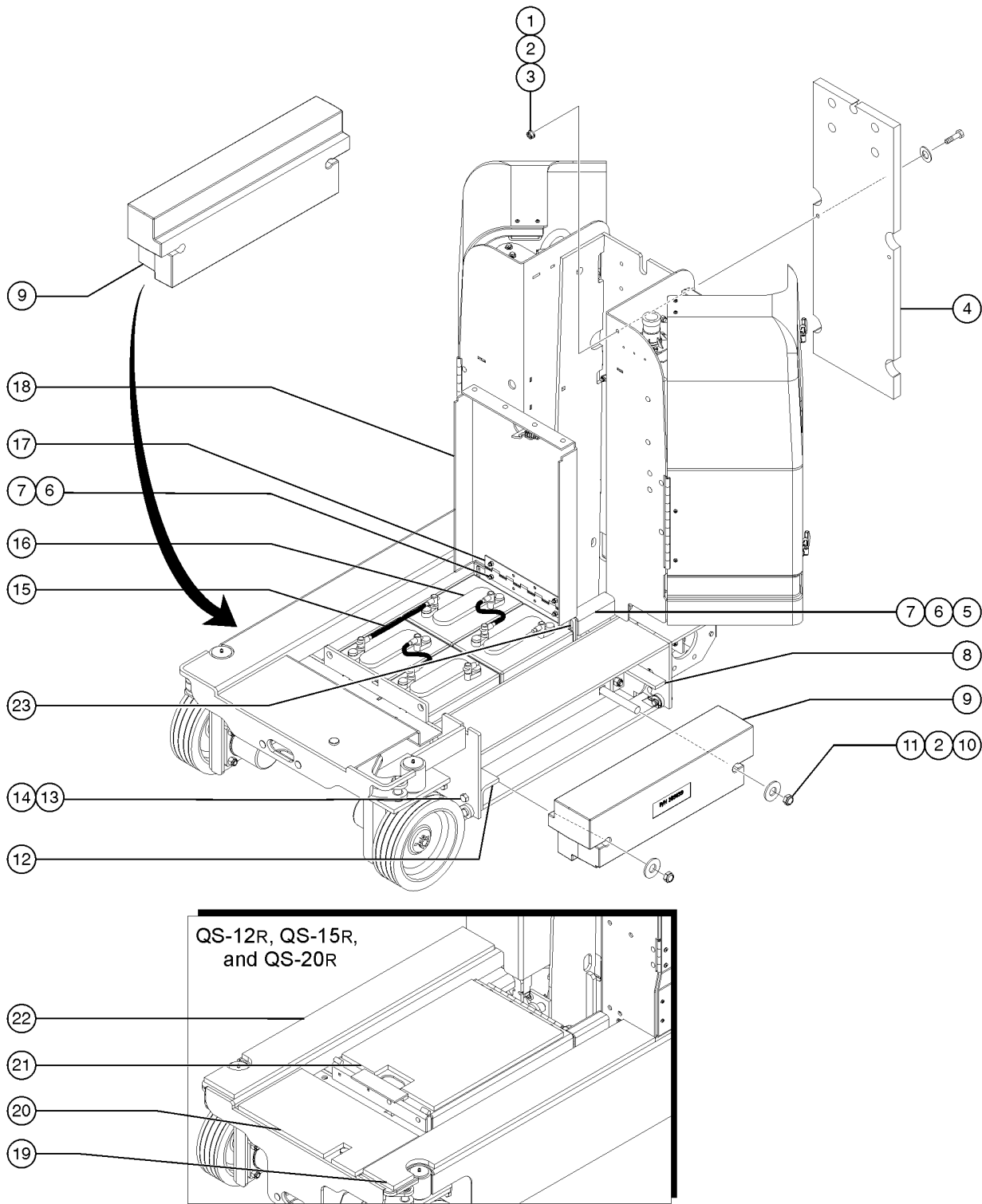
204.3 Battery Pack and Counterweight Brackets



204.3 Battery Pack and Counterweight Brackets

Item	Part No.	Description	Qty.
2	15086GT	WASHER,FLAT,.375 X 1.5 X .125	
5	100913GT	FORMING, CABLE BRIDGE	1
6	6878GT	BOLT,CARRIAGE,1/4-20 X .75,G2	
7	6091GT	NUT, NYLOCK, 1/4-20	
8	124151GT	WLDMT,CW SUPPORT,LT QS-15, QS-20 (non-steer end, ground controls side)	2
8A	124152GT	WLDMT,CW SUPPORT,RT QS-15, QS-20 (non-steer end, power unit side)	1
9	109840GT	COUNTERWEIGHT,CAST,GR15 QS-15	2
10	7713GT	NUT, LP NYLOCK, 3/8-16	
11	124105GT	BOLT,CARRIAGE,3/8-16 X 6.00,G2 QS-15	
12	100352GT	FORMING, CWT BRACKET GR-20 (non-steer end)	2
13	8177GT	SCREW,HHC,1/2-13 X 1.5	
14	6198GT	NUT, NYLOCK, 1/2-13	
15		Ref. Battery Cables	
		(refer to 208.1)	
16	76502GT	BATTERY,T105 W/LPT,3 CAP,DRY** no longer available (contact customer service)	4
16A	105150GT	BATTERY, AGM, 6V, (TROJAN) *** (option)	
16A	145329GT	SPACER, QS BATTERY TRAY	1
		.75 x .375 x 6.5 inches	
16A-	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	
16B	76494GT	BATTERY, 6V, 225AH, T105, ELPT	4
17	47569GT	HINGE,11"X 2.5"X.44"	1
18A	115433GT	BATTERY COVER ASSY,WORDS (USA, Canada, Australia)	1
18A-	100986GT	PLATE,BATT. TRAY LATCH HANDLE	
18A-	23396GT	SPRING,CONTROL CABLE, AWP	
18A-	96699GT	SLEEVE,TANK SUPPORT (bushing)	
18C	115434GT	BATTERY COVER ASSY,SYM,QS-R (Europe, Asia, South America)	1
18C-	100986GT	PLATE,BATT. TRAY LATCH HANDLE	
18C-	23396GT	SPRING,CONTROL CABLE, AWP	
18C-	96699GT	SLEEVE,TANK SUPPORT (bushing)	
19	145013GT	PAD, OBSTACLE SENSE G.C. SIDE QS-R	1

204.3 Battery Pack and Counterweight Brackets

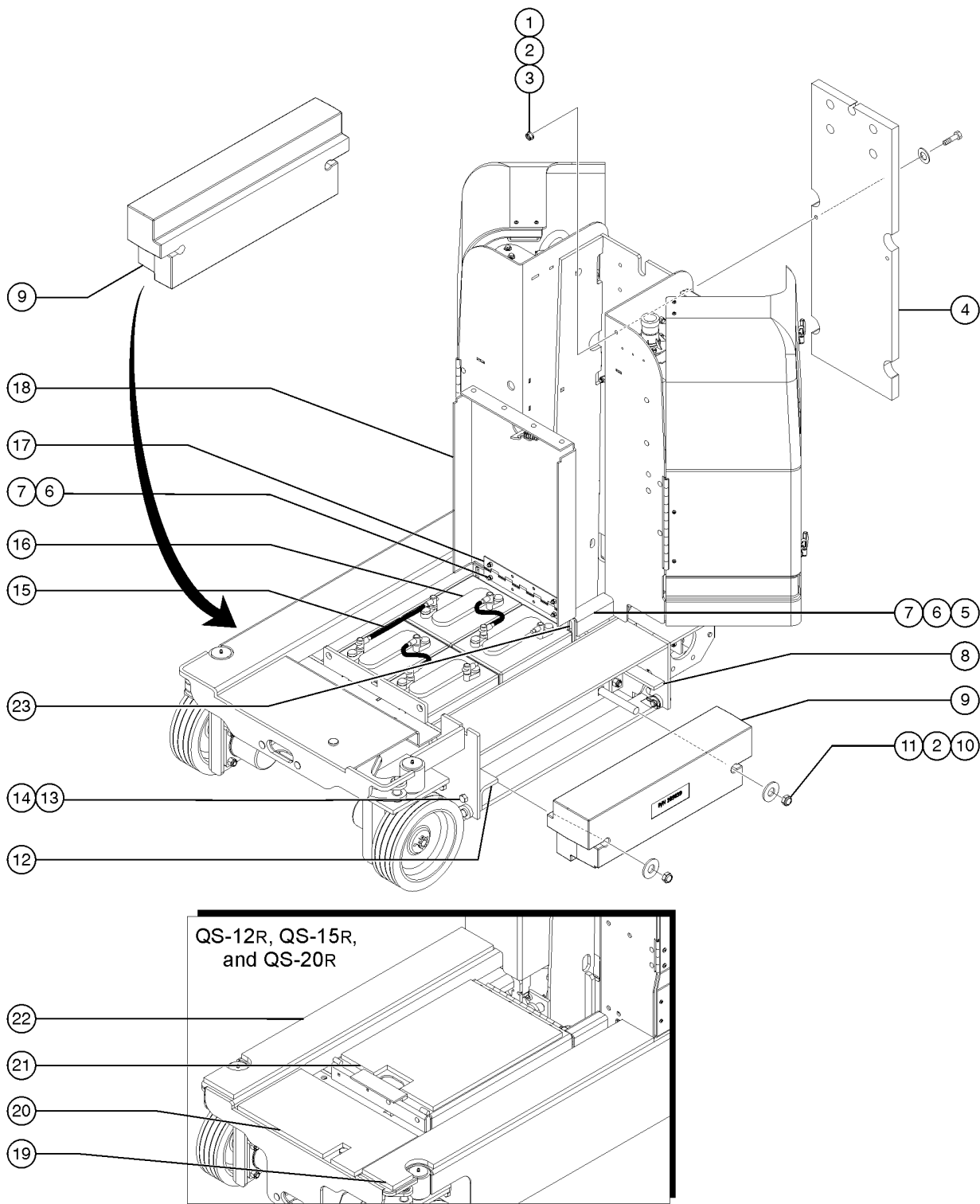


204.3 Battery Pack and Counterweight Brackets

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
20	145016GT	PAD, OBSTACLE SENSING FRONT,GR QS-R	1
21	115438GT	PAD,OBSTACLE SENSE, WORD QS-R	1
21A	115439GT	PAD,OBSTACLE SENSE, SYMBOL QS-R	
22	145014GT	PAD,OBSTACLE SENSE TANK SIDE QS-R	1
23	124962GT	GROMMET,RUBBER,1.0 X 1.25X1.5	



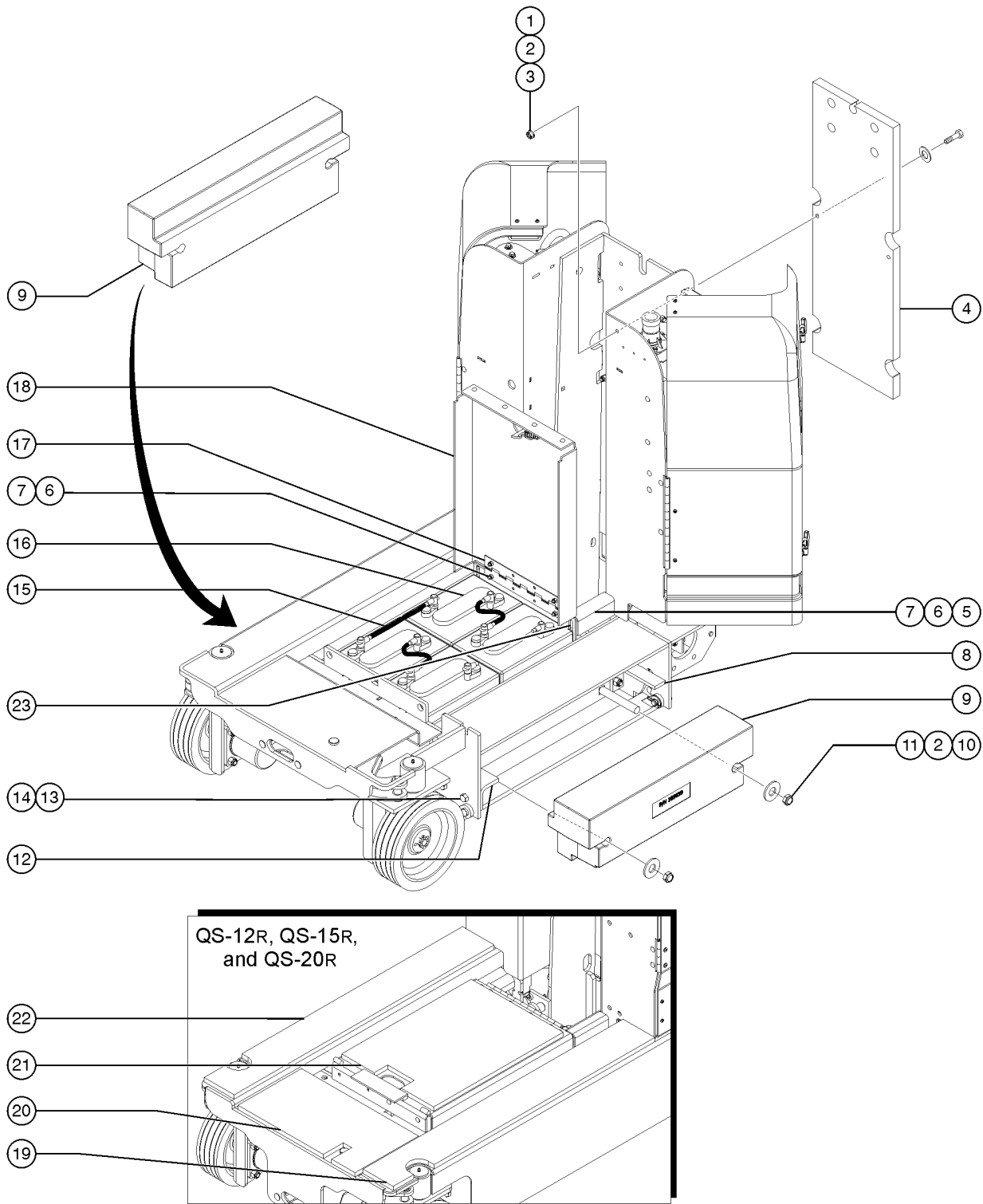
204.4 Battery Pack and Counterweight Brackets



204.4 Battery Pack and Counterweight Brackets

Item	Part No.	Description	Qty.
2	15086GT	WASHER,FLAT,.375 X 1.5 X .125	
5	100913GT	FORMING, CABLE BRIDGE	1
6	6878GT	BOLT,CARRIAGE,1/4-20 X .75,G2	
7	6091GT	NUT, NYLOCK, 1/4-20	
8	124151GT	WLDMT,CW SUPPORT,LT QS-15, QS-20 (non-steer end, ground controls side)	2
8A	124152GT	WLDMT,CW SUPPORT,RT QS-15, QS-20 (non-steer end, power unit side)	1
9	109840GT	COUNTERWEIGHT,CAST,GR15 QS-15	2
10	7713GT	NUT, LP NYLOCK, 3/8-16	
11	124105GT	BOLT,CARRIAGE,3/8-16 X 6.00,G2 QS-15	
12	100352GT	FORMING, CWT BRACKET QS-20 (non-steer end)	2
13	8177GT	SCREW,HHC,1/2-13 X 1.5	
14	6198GT	NUT, NYLOCK, 1/2-13	
15		Ref. Battery Cables	
		(refer to 208.1)	
16	76502GT	BATTERY,T105 W/LPT,3 CAP,DRY** no longer available (contact customer service)	4
16A	105150GT	BATTERY, AGM, 6V, (TROJAN) *** (option)	
16A	145329GT	SPACER, QS BATTERY TRAY	1
		.75 x .375 x 6.5 inches	
16A-	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18	
16B	76494GT	BATTERY, 6V, 225AH, T105, ELPT	4
17	47569GT	HINGE,11"X 2.5"X.44"	1
18	107133GT	BATTERY COVER ASSY,WORDS (USA, Canada, Australia)	1
18-	100986GT	PLATE,BATT. TRAY LATCH HANDLE	
18-	23396GT	SPRING,CONTROL CABLE, AWP	
18-	96699GT	SLEEVE,TANK SUPPORT	
		(bushing)	
18B	107134GT	BATTERY COVER ASSY,SYMBOLS	1
		(Europe, Asia, South America)	
18B-	100986GT	PLATE,BATT. TRAY LATCH HANDLE	
18B-	23396GT	SPRING,CONTROL CABLE, AWP	
18B-	96699GT	SLEEVE,TANK SUPPORT	
		(bushing)	
23	124962GT	GROMMET,RUBBER,1.0 X 1.25X1.5	

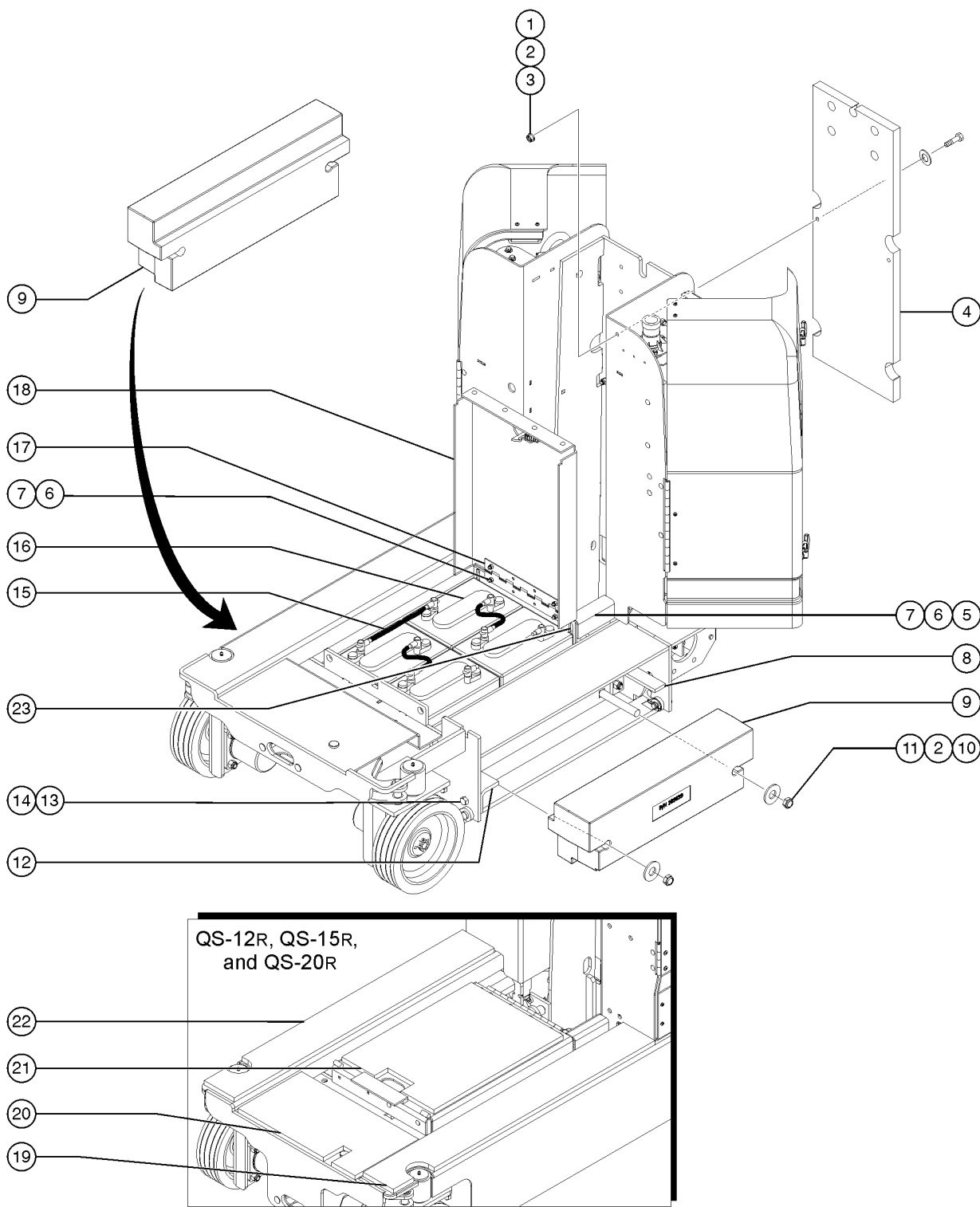
204.5 Battery Pack and Counterweight Brackets



204.5 Battery Pack and Counterweight Brackets

Item	Part No.	Description	Qty.
1	7713GT	NUT, LP NYLOCK, 3/8-16 QS-20	2
2A	6097GT	WASHER, FLAT, USS, 3/8", Y QS-20	
3	5224GT	SCREW,HHC,3/8-16 X 2 QS-20	
4	100809GT	CAST,CWT, MAST QS-20	
5	100913GT	FORMING, CABLE BRIDGE QS-20	1
6	6878GT	BOLT,CARRIAGE,1/4-20 X .75,G2 QS-20	
7	6091GT	NUT, NYLOCK, 1/4-20 QS-20	
8	124151GT	WLDMT,CW SUPPORT,LT QS-15, QS-20 (non-steer end, ground controls side)	2
8A	124152GT	WLDMT,CW SUPPORT,RT QS-15, QS-20 (non-steer end, power unit side)	1
9A	109839GT	COUNTERWEIGHT,CAST,GR20 QS-20	2
10	7713GT	NUT, LP NYLOCK, 3/8-16 QS-20	
12	100352GT	FORMING, CWT BRACKET QS-15, QS-20 (non-steer end)	2
13	8177GT	SCREW,HHC,1/2-13 X 1.5 QS-20	
14	6198GT	NUT, NYLOCK, 1/2-13 QS-20	
15		Ref. Battery Cables (refer to 208.1)	
16	76502GT	BATTERY,T105 W/LPT,3 CAP,DRY** no longer available (contact customer service)	4
16A	105150GT	BATTERY, AGM, 6V, (TROJAN) *** QS-20	
16A	145329GT	SPACER,QS BATTERY TRAY75 x .375 x 6.5 inches	1
16A-	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18 QS-20	
16B	76494GT	BATTERY, 6V, 225AH, T105, ELPT QS-20	4
17	47569GT	HINGE,11"X 2.5"X.44" QS-20	1
18A	115433GT	BATTERY COVER ASSY,WORDS QS	1
18A-	100986GT	PLATE,BATT. TRAY LATCH HANDLE QS	
18A-	23396GT	SPRING,CONTROL CABLE, AWP QS	
18A-	96699GT	SLEEVE,TANK SUPPORT (bushing)	
18C	115434GT	BATTERY COVER ASSY,SYM,QS-R QS	1
18C-	100986GT	PLATE,BATT. TRAY LATCH HANDLE QS	
18C-	23396GT	SPRING,CONTROL CABLE, AWP QS	

204.5 Battery Pack and Counterweight Brackets

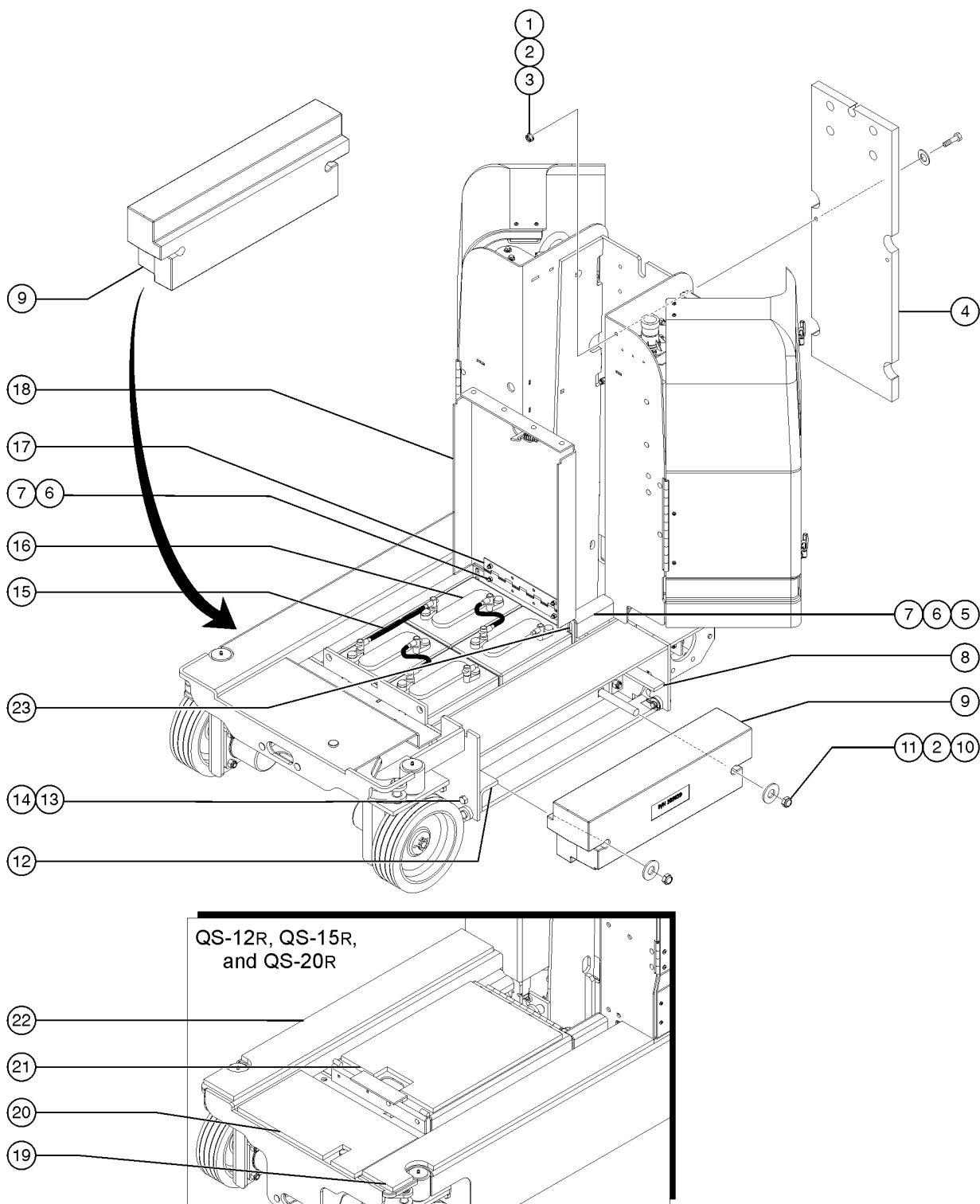


204.5 Battery Pack and Counterweight Brackets

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
18C-	96699GT	SLEEVE,TANK SUPPORT (bushing)	
19	145013GT	PAD, OBSTACLE SENSE G.C. SIDE QS-R	1
20	145016GT	PAD, OBSTACLE SENSING FRONT,GR QS-R	1
21	115438GT	PAD,OBSTACLE SENSE, WORD QS-R	1
21A	115439GT	PAD,OBSTACLE SENSE, SYMBOL QS-R	
22	145014GT	PAD,OBSTACLE SENSE TANK SIDE QS-R	1
23	124962GT	GROMMET,RUBBER,1.0 X 1.25X1.5	



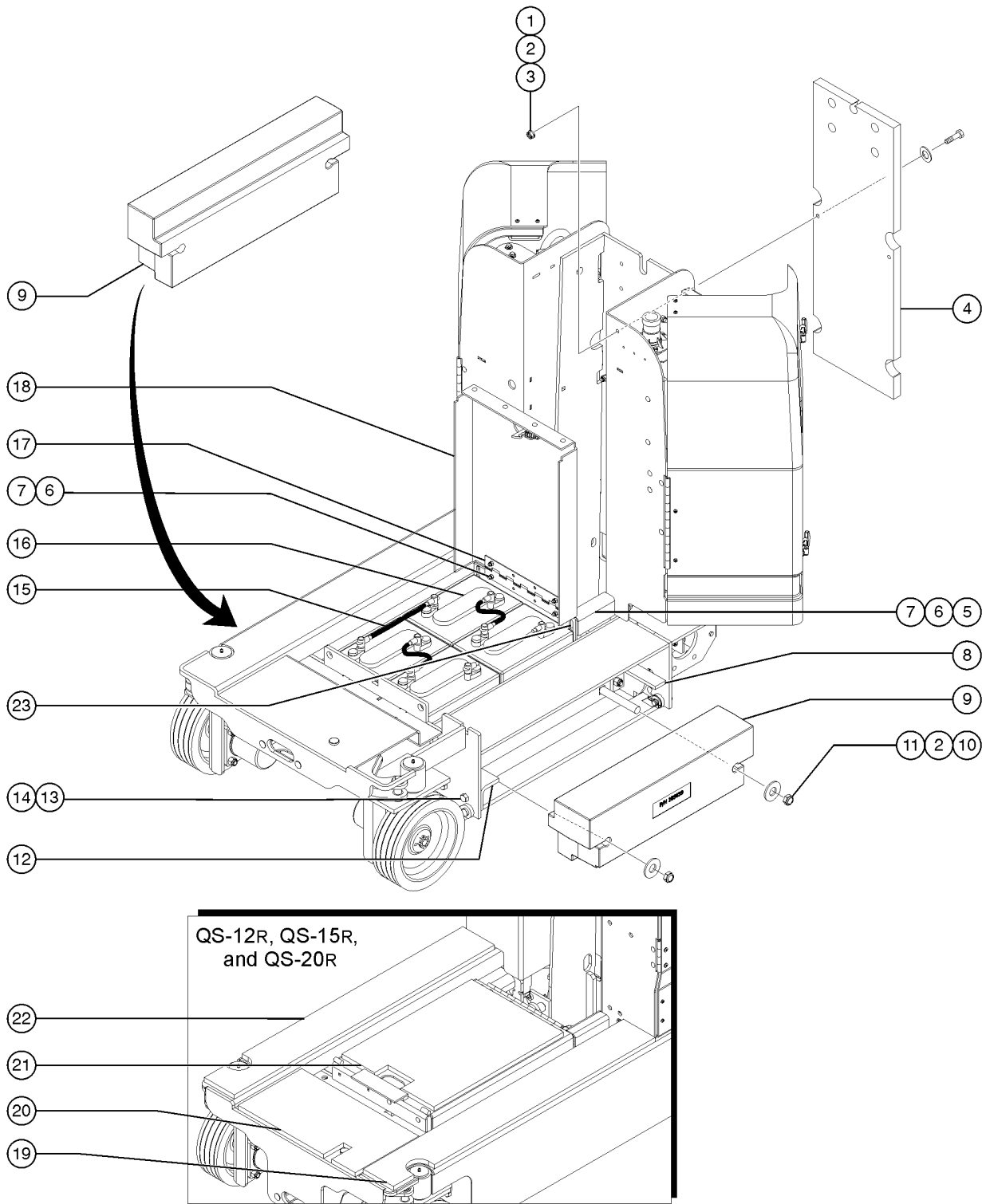
204.6 Battery Pack and Counterweight Brackets



204.6 Battery Pack and Counterweight Brackets

Item	Part No.	Description	Qty.
1	7713GT	NUT, LP NYLOCK, 3/8-16 QS-20	2
2A	6097GT	WASHER, FLAT, USS, 3/8", Y QS-20	
3	5224GT	SCREW,HHC,3/8-16 X 2 QS-20	
4	100809GT	CAST,CWT, MAST QS-20	
5	100913GT	FORMING, CABLE BRIDGE QS-20	1
6	6878GT	BOLT,CARRIAGE,1/4-20 X .75,G2 QS-20	
7	6091GT	NUT, NYLOCK, 1/4-20 QS-20	
8	124151GT	WLDMT,CW SUPPORT,LT QS-15, QS-20 (non-steer end, ground controls side)	2
8A	124152GT	WLDMT,CW SUPPORT,RT QS-15, QS-20 (non-steer end, power unit side)	1
9A	109839GT	COUNTERWEIGHT,CAST,GR20 QS-20	2
10	7713GT	NUT, LP NYLOCK, 3/8-16 QS-20	
12	100352GT	FORMING, CWT BRACKET QS-15, QS-20 (non-steer end)	2
13	8177GT	SCREW,HHC,1/2-13 X 1.5 QS-20	
14	6198GT	NUT, NYLOCK, 1/2-13 QS-20	
15		Ref. Battery Cables (refer to 208.1)	
16	76502GT	BATTERY,T105 W/LPT,3 CAP,DRY** no longer available (contact customer service)	4
16A	105150GT	BATTERY, AGM, 6V, (TROJAN) *** QS-20	
16A	145329GT	SPACER,QS BATTERY TRAY75 x .375 x 6.5 inches	1
16A-	18503GT	NUT, LOCKING - LG FLANGE 5/16 - 18 QS-20	
16B	76494GT	BATTERY, 6V, 225AH, T105, ELPT QS-20	4
17	47569GT	HINGE,11"X 2.5"X.44" QS-20	1
18	107133GT	BATTERY COVER ASSY,WORDS (USA, Canada, Australia)	1
18-	100986GT	PLATE,BATT. TRAY LATCH HANDLE QS-20	
18-	23396GT	SPRING,CONTROL CABLE, AWP QS-20	
18-	96699GT	SLEEVE,TANK SUPPORT (bushing)	
18B	107134GT	BATTERY COVER ASSY,SYMBOLS (Europe, Asia, South America)	1
18B-	100986GT	PLATE,BATT. TRAY LATCH HANDLE QS-20	
18B-	23396GT	SPRING,CONTROL CABLE, AWP QS-20	

204.6 Battery Pack and Counterweight Brackets

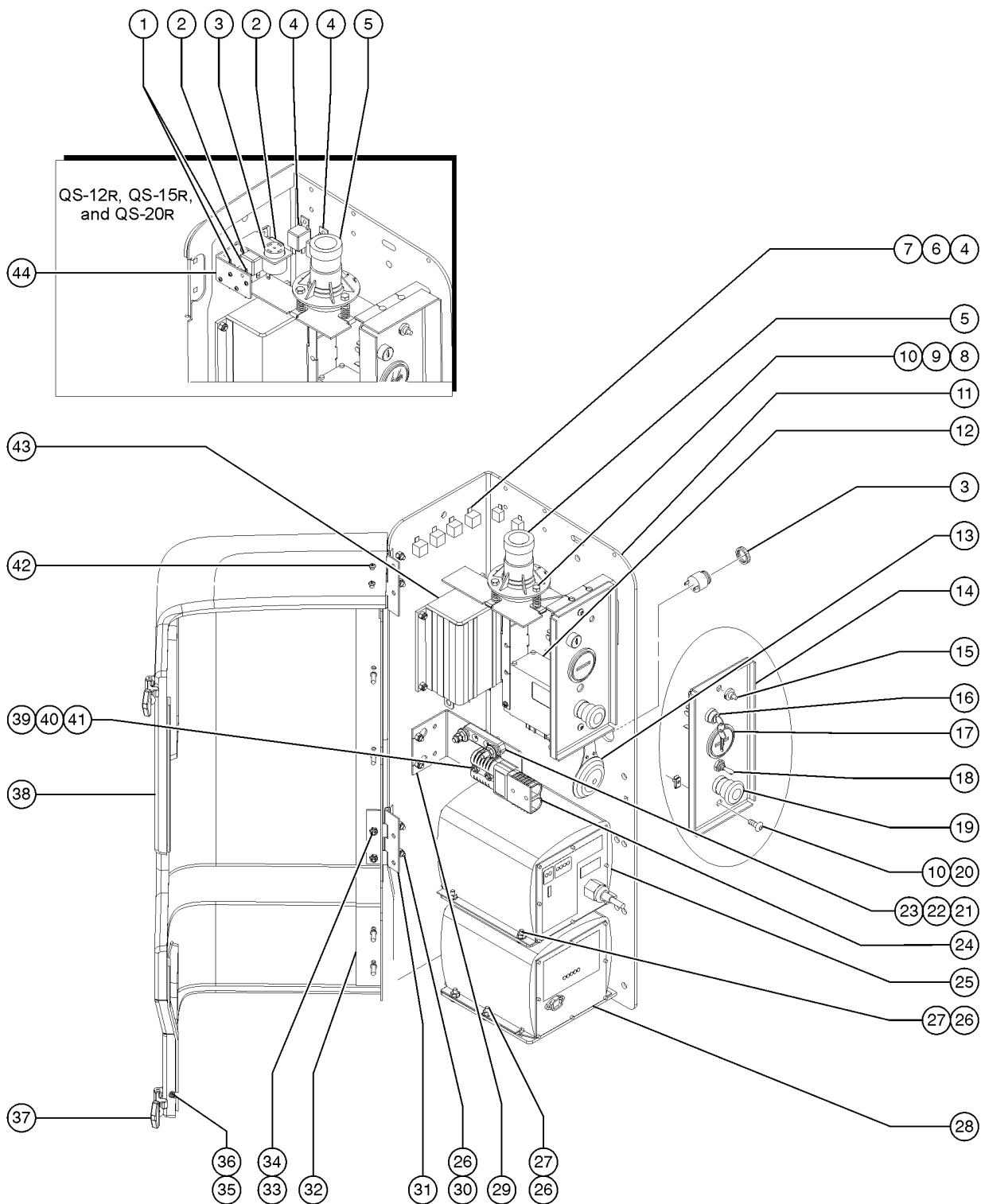


204.6 Battery Pack and Counterweight Brackets

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
18B-	96699GT	SLEEVE,TANK SUPPORT (bushing)	
23	124962GT	GROMMET,RUBBER,1.0 X 1.25X1.5	



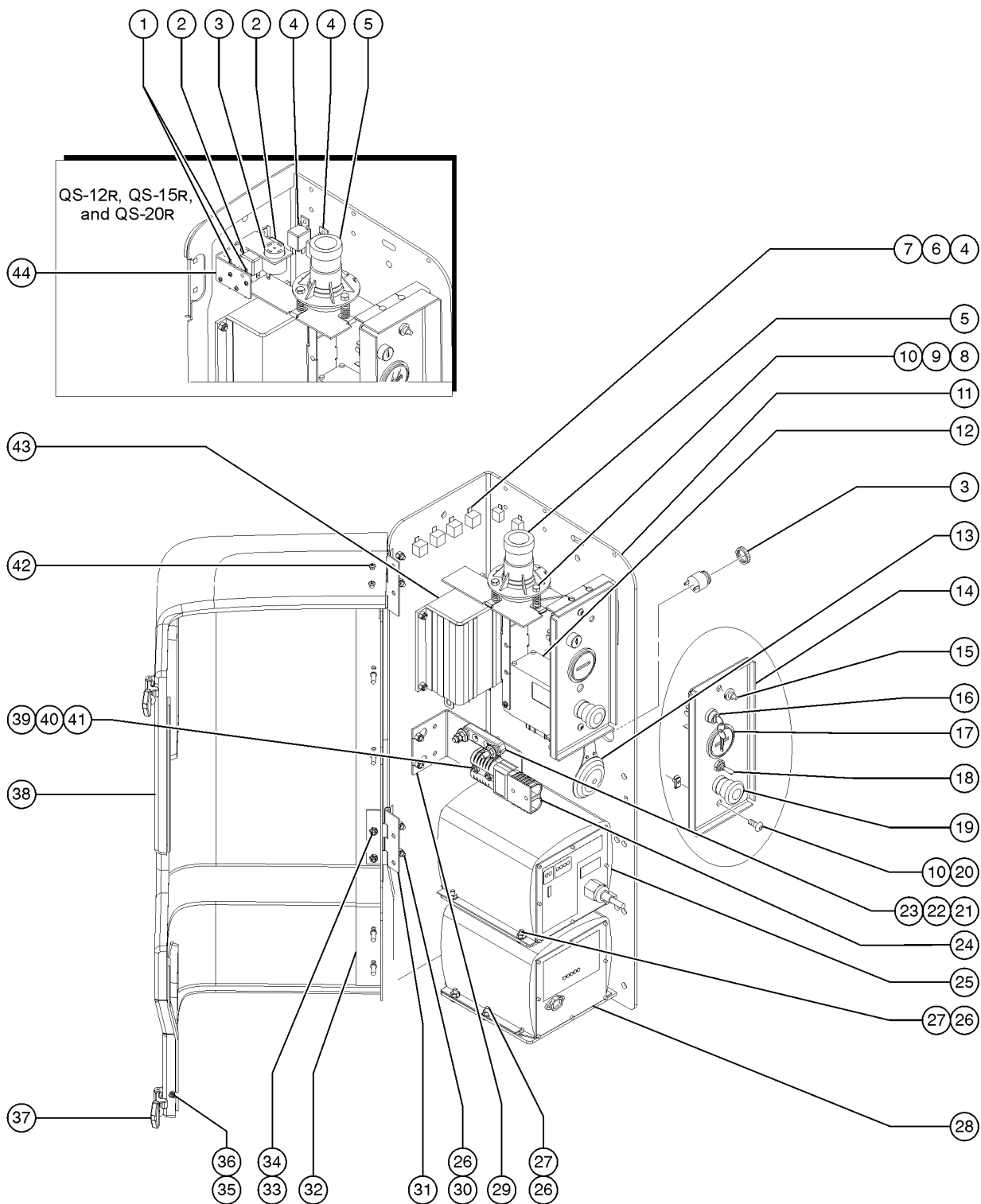
205.1 Ground Control Module Components



205.1 Ground Control Module Components

Item	Part No.	Description	Qty.
A	1289561GT	BRACKET, TELEMATICS	
A	1289520GT	MODULE, TELEMATICS, ZTR, M7, NORTH AMERICA	
A	1289521GT	MODULE, TELEMATICS, ZTR, M7, EMEA/APAC	
1	145259GT	RESISTOR,25 OHM,25WATT	
		QS-R	
2	19274GT	RELAY,SPDT,12V(AUTO)**	
		QS-R	
3	145346GT	ALARM,STDY TONE,ADJUST,5-30VDC	1
		Does not include 72326 nut	
3-	72326GT	NUT - PLASTIC, RING FOR ALARMS	
4A	78098GT	RELAY, 24VDC, 40/30A, SLD W/BRKT*	1
		(ANSI, CSA)	
4B	78098GT	RELAY, 24VDC, 40/30A, SLD W/BRKT*	4
		(CE)	
5	105142GT	LEVEL SENSOR,LS60,RED,1.5 DIA	1
5	122449GT	TILT SENSOR TEST TOOL	
6	55906GT	SCREW, PHILLIPS, PHM, 8-32 X .5	
7	18605GT	NUT,NYLOCK,8-32	
8	6637GT	SCREW,HHC,1/4-20 X 1.75	
9	39469GT	SPRING, COMPRESSION .485 X 1.75**	
10	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
11	124224GT	WELDMENT,GROUND CONTROLS TRAY	
12	100839GT	ECU,SLAB/GR GEN 5***	1
12-	39521GT	RECEPTACLE,ANTI-BACKOUT	
12-	39673GT	CONTACT,14-20GA.	
12-	51578GT	RECEPTACLE ANTIBACKOUT,18 CONT	
12-	51577GT	RECEPTACLE,FEMALE 18 CONT.	
12-	39520GT	RECEPTACLE,FEMALE,36 CONTACT	
13	81579GT	HORN, 24VDC, SPADE TERMINALS***	1
14	107135GT	GRND CONTROL PANEL ASSY,GR	1
		(includes decal)	
15	96452GT	GS3246_CIRCUIT BREAKER, 7.0 AMP***	1
16	96008-SGT	KEYSWITCH,3 POS. W/KEYS***	1
16-	96009GT	WASHER,NITRILE	

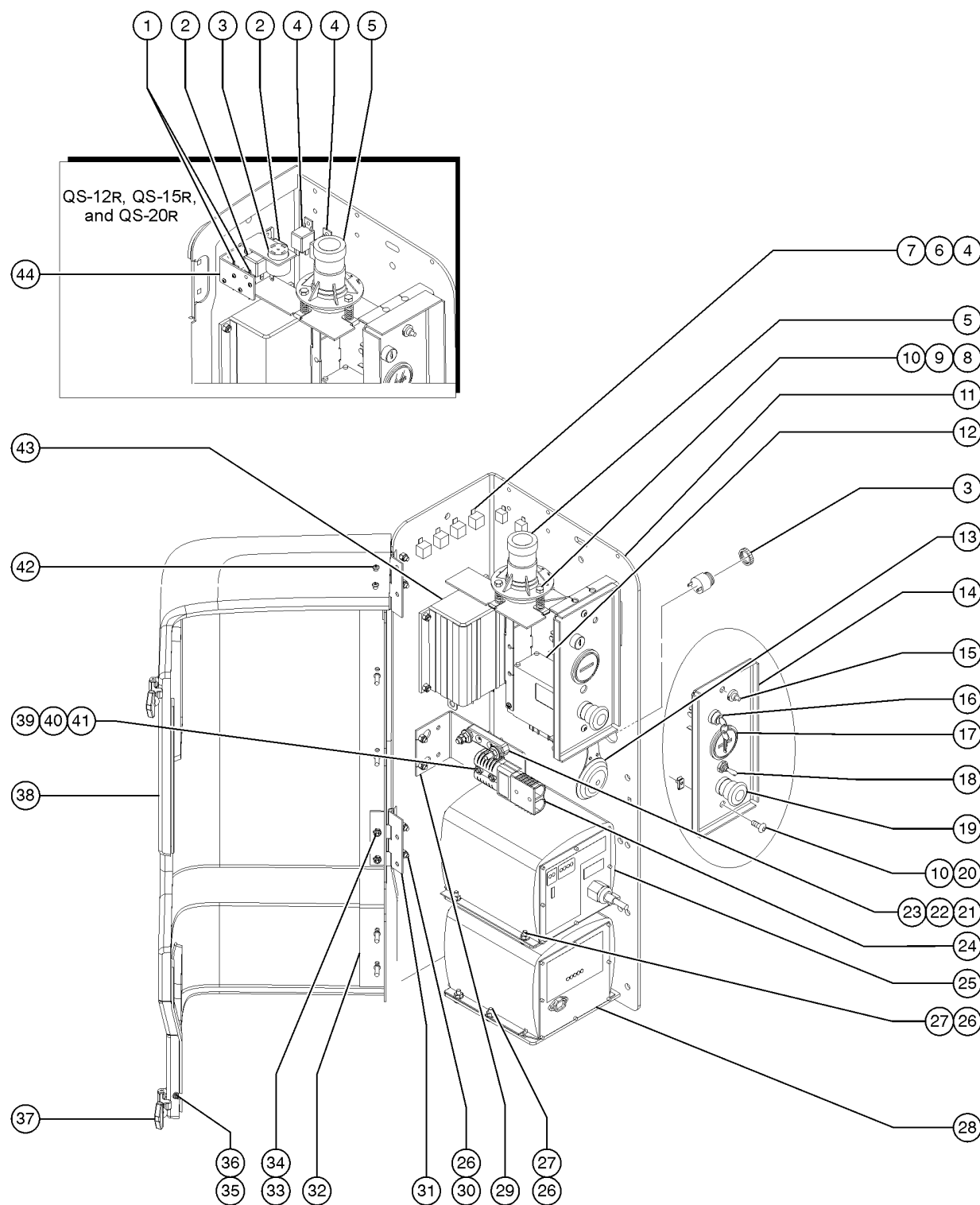
205.1 Ground Control Module Components



205.1 Ground Control Module Components

Item	Part No.	Description	Qty.
16-	85239GT	RETAINER NUT (96008)***	
16-	83093GT	KEY SINGLE***	
16-	37947GT	KEYS,10 PACK***	
16-	96010GT	SCREW,PHILLIPS,PHM,8-32 X.25**	
17	19506GT	HOUR METER, 10-80 VOLTS***	1
18	T114691GT	ASSY,SWITCH,TOGGLE,SPDT*****	1
19	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	
19-	66818GT	CONTACT,NC	
19-	66817GT	E-STOP W/ NC CONTACT	
20	14297GT	SCREW,BHHS,1/4-20 X .75	
21	66717GT	FUSE BLOCK, ANN & ANL FUSE	1
		(includes mounting fasteners)	
21-	40833GT	FUSE, 275AMP, VERY FAST ACTING	
22	6873GT	SCREW,FHM,10-32 X 1	
23	6178GT	NUT, NYLOCK, 10-32	
24	128135GT	TERM CONTACTS #2GA SB175 BATT	1
25	96950GT	INVERTER,24VDC,110/230 VAC***	1
26	6878GT	BOLT,CARRIAGE,1/4-20 X .75,G2	
27	18504GT	NUT,LOCKING-LG.FLANGE,1/4-20	
28		Ref. Battery Charger	
		(refer to 207.1)	
29	145284GT	FORMING,FUSE BRACKET	1
30	6091GT	NUT, NYLOCK, 1/4-20	
31	105573GT	HINGE,ACCESS DOOR***	2
32	124232GT	WELDMENT,COVER SUP.CONT	1
33	80058GT	SCREW,PHP,1/4-20 X .875	
34	6889GT	NUT,LP NYLOCK,1/4-20	
35	12344GT	NUT,NYLOCK,6-32	
36	45546GT	SCREW,RHM,6-32 X .5	
37	57881GT	LATCH, RUBBER, 3-13/32 X 1-7/8	2

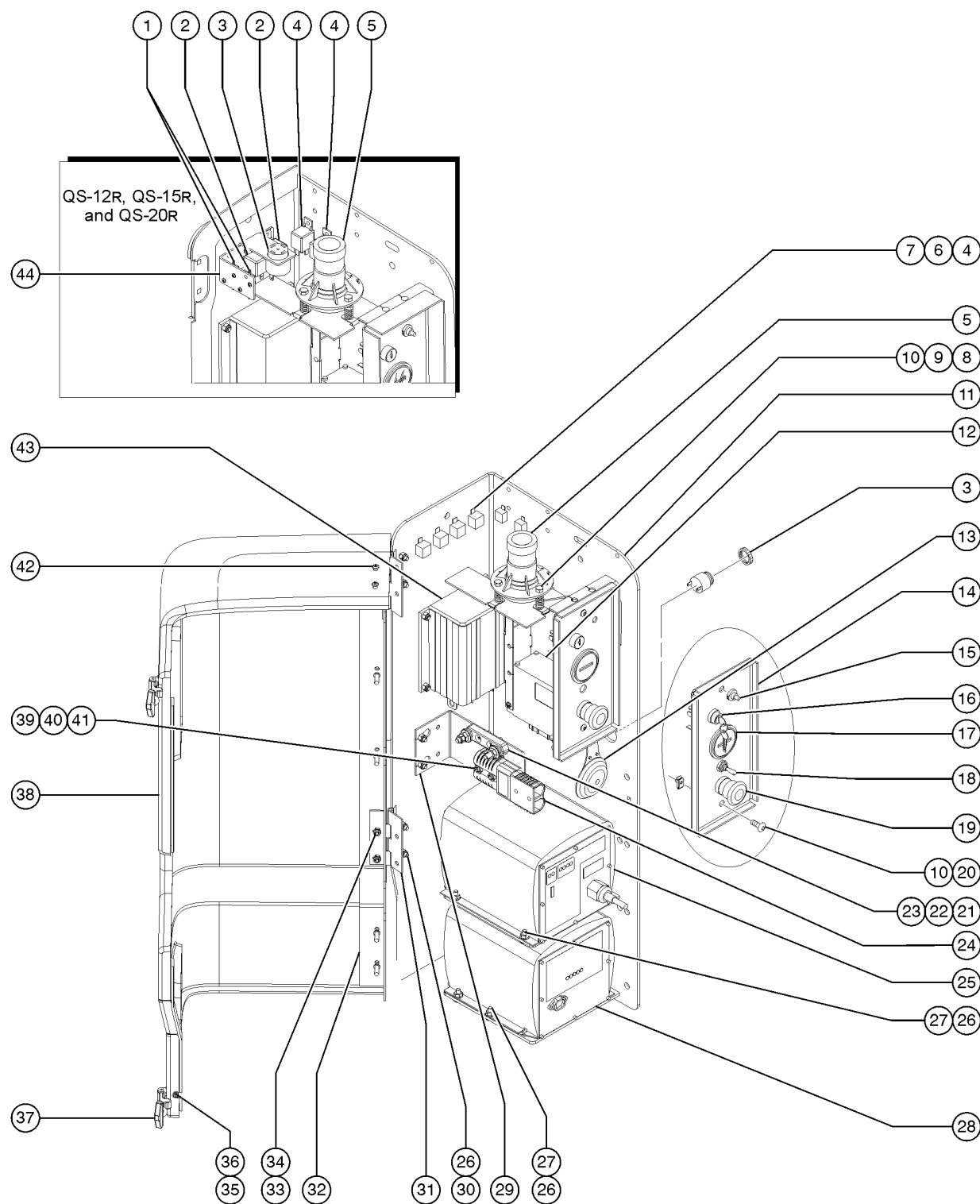
205.1 Ground Control Module Components



205.1 Ground Control Module Components

Item	Part No.	Description	Qty.
38A	124485GT	GRND CONTROL COVER ASSY,WORDS (ANSI) (ground controls side)	
38B	124486GT	GRND CONTROL COVER ASSY,SYMB (CE) (ground controls side)	
39	66094GT	NUT-THIN HEAVY HEX, 1/4-20	
40	6356GT	WASHER, LOCK, .25	
41	8915GT	SCREW, HHC, 1/4-20 X 1.25	
42	7265GT	RIVET,STEEL,P, .25 X .375	
43A	1257203GT	KIT,MTR CNTRLR REPLACEMENT,GR% kit includes installation instructions, new motor controller (PN 823408), harness, battery cables, and new fasteners. For machines that do not already have contactors installed, must also order 219897.	1
43B	823408GT	MOTOR CONTROLLER, DC, 24V, 300A motor controllers sold separately only in cases where upgrade kits are N/A or an upgrade kit has been previously installed	
43C	232580GT	HARNESS,DIODE JUMPER	
43D	232573GT	RESISTOR, 200 OHM 10 WATT	
43E	232535GT	KIT,CONTACTOR,GR	
43E-	232848GT	CONTACTOR ASSY,GR	
44A	145073GT	FORMING, HORN BRACKET QS-R	1
44B	145312GT	BRACKET,OBSTACLE SENSING QS-R (models with obstacle detection)	

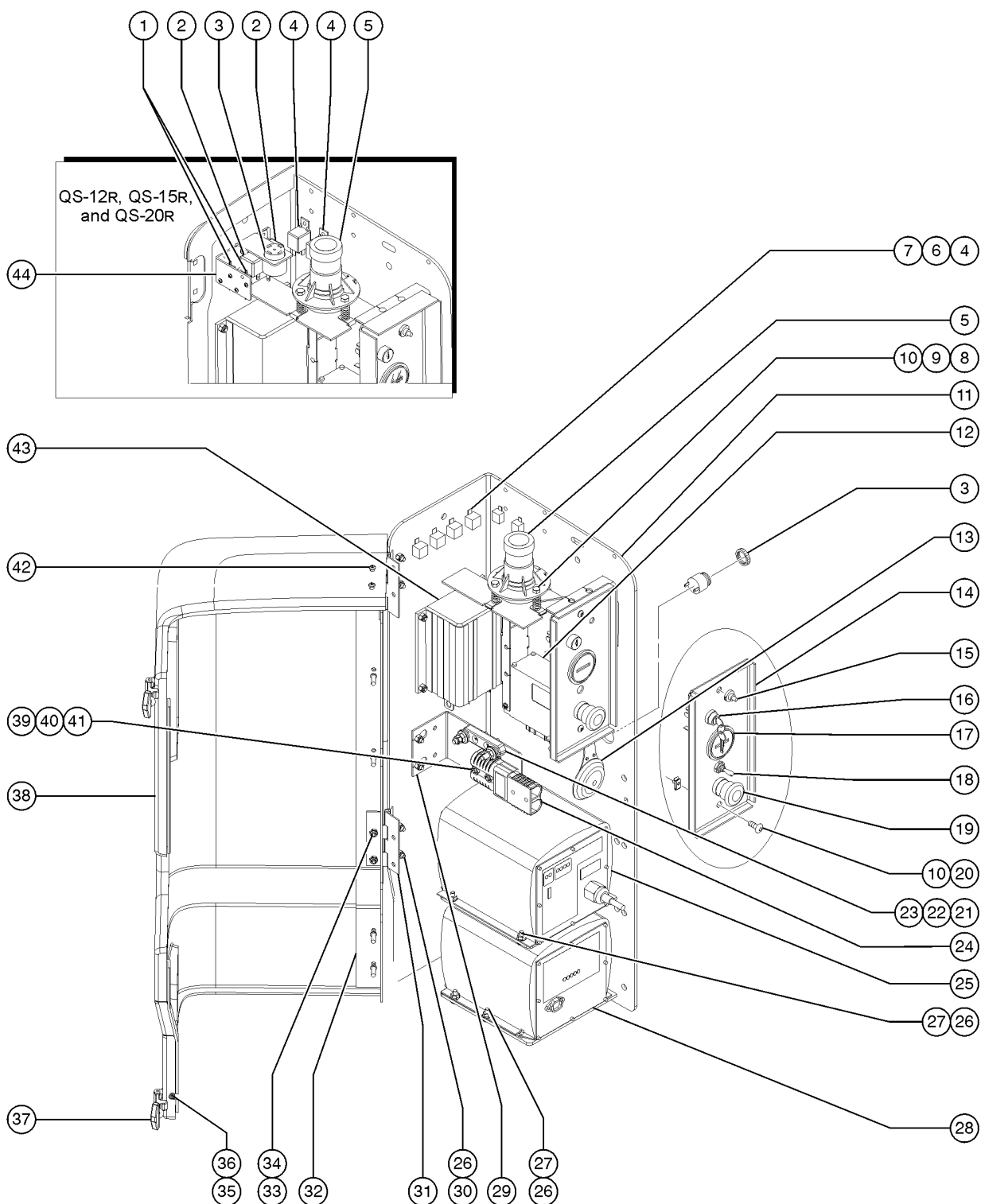
205.2 Ground Control Module Components



205.2 Ground Control Module Components

Item	Part No.	Description	Qty.
A	1289561GT	BRACKET, TELEMATICS	
A	1289520GT	MODULE, TELEMATICS, ZTR, M7, NORTH AMERICA	
A	1289521GT	MODULE, TELEMATICS, ZTR, M7, EMEA/APAC	
1	145259GT	RESISTOR,25 OHM,25WATT QS-R	
2	19274GT	RELAY,SPDT,12V(AUTO)** QS-R	
3	39540GT	ALARM, STEADY TONE*** Does not include 72326 nut	1
3-	72326GT	NUT - PLASTIC, RING FOR ALARMS	
4	78098GT	RELAY, 24VDC, 40/30A, SLD W/BRKT* (ANSI, CSA)	1
4A	78098GT	RELAY, 24VDC, 40/30A, SLD W/BRKT* (CE)	4
5	105142GT	LEVEL SENSOR,LS60,RED,1.5 DIA	1
5	124449GT	TILT SENSOR TEST TOOL	
6	55906GT	SCREW, PHILLIPS, PHM, 8-32 X .5	
7	18605GT	NUT,NYLOCK,8-32	
8	6637GT	SCREW,HHC,1/4-20 X 1.75	
9	39469GT	SPRING, COMPRESSION .485 X 1.75**	
10	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
11	124224GT	WELDMENT,GROUND CONTROLS TRAY	
12	100839GT	ECU,SLAB/GR GEN 5***	1
12-	39521GT	RECEPTACLE,ANTI-BACKOUT	
12-	39673GT	CONTACT,14-20GA.	
12-	51578GT	RECEPTACLE ANTIBACKOUT,18 CONT	
12-	51577GT	RECEPTACLE,FEMALE 18 CONT.	
12-	39520GT	RECEPTACLE,FEMALE,36 CONTACT	
13	81579GT	HORN, 24VDC, SPADE TERMINALS***	1
14	107135GT	GRND CONTROL PANEL ASSY,GR (includes decal)	1
15	96452GT	GS3246_CIRCUIT BREAKER, 7.0 AMP***	1
16	96008-SGT	KEYSWITCH,3 POS. W/KEYS***	1
16-	96009GT	WASHER,NITRILE	

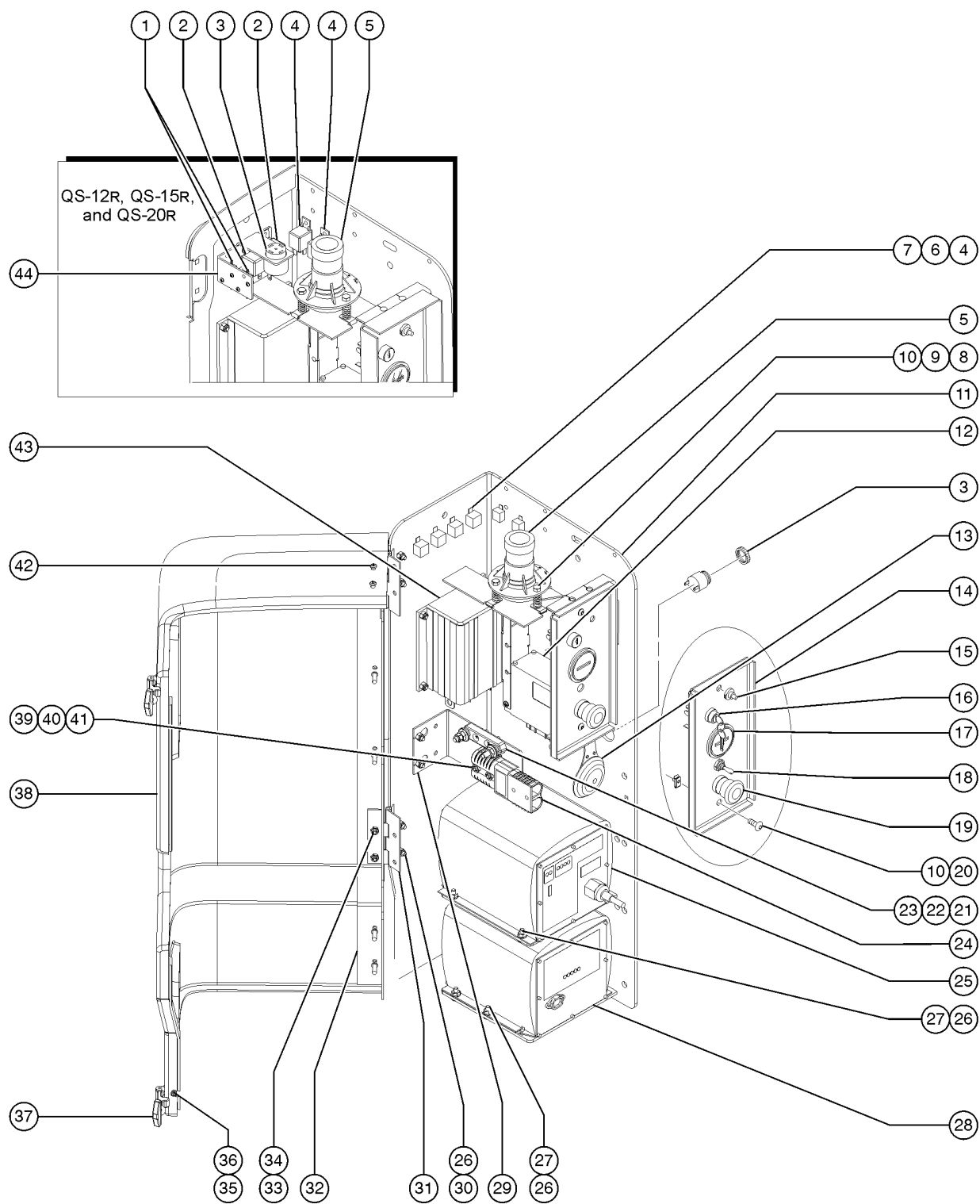
205.2 Ground Control Module Components



205.2 Ground Control Module Components

Item	Part No.	Description	Qty.
16-	85239GT	RETAINER NUT (96008)***	
16-	83093GT	KEY SINGLE***	
16-	37947GT	KEYS,10 PACK***	
16-	96010GT	SCREW,PHILLIPS,PHM,8-32 X.25**	
17	19506GT	HOUR METER, 10-80 VOLTS***	1
18	T114691GT	ASSY,SWITCH,TOGGLE,SPDT*****	1
19	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	
19-	66818GT	CONTACT,NC	
19-	66817GT	E-STOP W/ NC CONTACT	
20	14297GT	SCREW,BHHS,1/4-20 X .75	
21	66717GT	FUSE BLOCK, ANN & ANL FUSE	1
		(includes mounting fasteners)	
21-	40833GT	FUSE, 275AMP, VERY FAST ACTING	
22	6873GT	SCREW,FHM,10-32 X 1	
23	6178GT	NUT, NYLOCK, 10-32	
24	128135GT	TERM CONTACTS #2GA SB175 BATT	1
25	96950GT	INVERTER,24VDC,110/230 VAC***	1
26	6878GT	BOLT,CARRIAGE,1/4-20 X .75,G2	
27	18504GT	NUT,LOCKING-LG.FLANGE,1/4-20	
28		Ref. Battery Charger	
		(refer to 207.1)	
29	145284GT	FORMING,FUSE BRACKET	1
30	6091GT	NUT, NYLOCK, 1/4-20	
31	105573GT	HINGE,ACCESS DOOR***	2
32	124232GT	WELDMENT,COVER SUP.CONT	1
33	80058GT	SCREW,PHP,1/4-20 X .875	
34	6889GT	NUT,LP NYLOCK,1/4-20	
35	12344GT	NUT,NYLOCK,6-32	
36	45546GT	SCREW,RHM,6-32 X .5	
37	57881GT	LATCH, RUBBER, 3-13/32 X 1-7/8	2

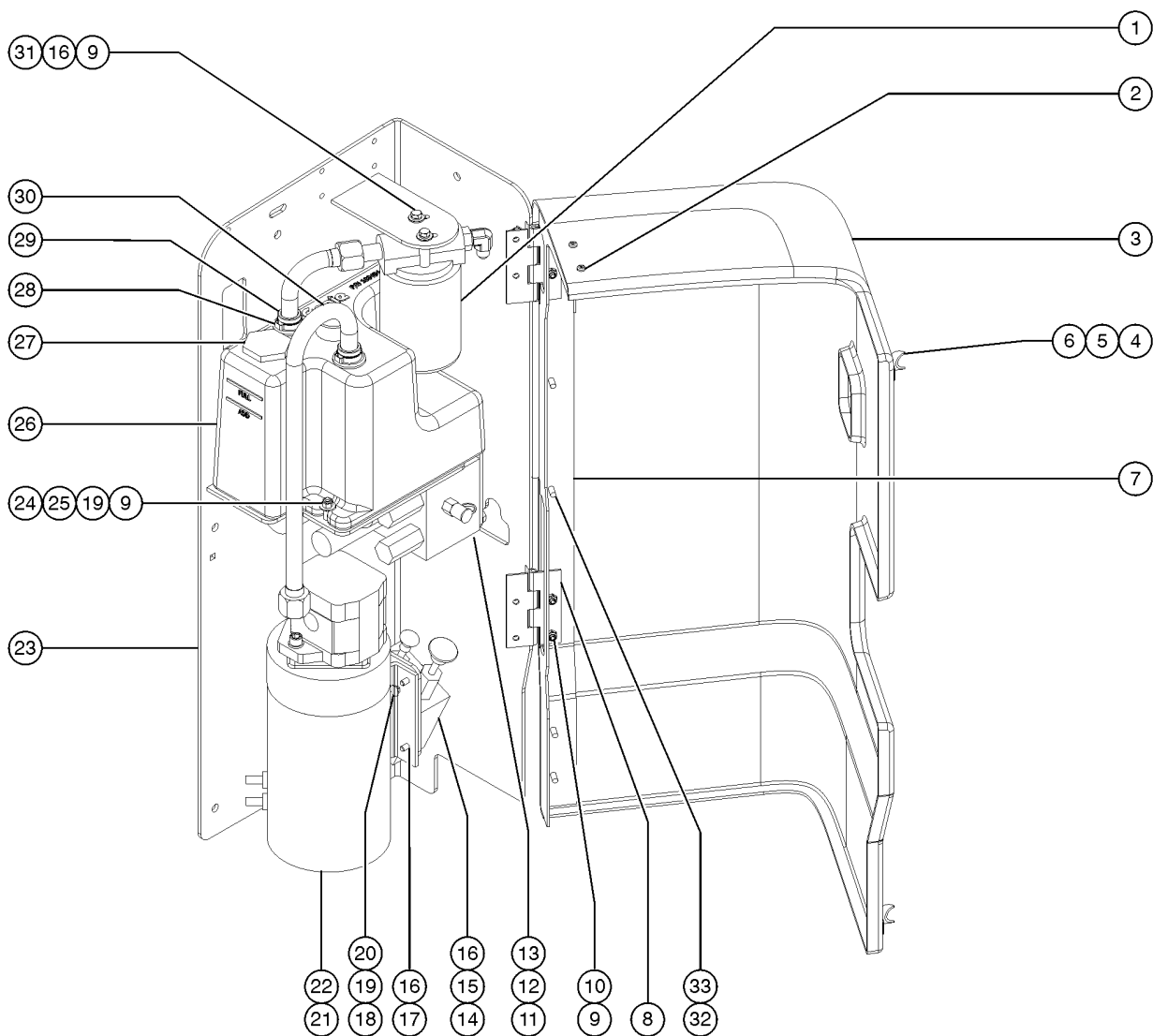
205.2 Ground Control Module Components



205.2 Ground Control Module Components

Item	Part No.	Description	Qty.
38A	124485GT	GRND CONTROL COVER ASSY,WORDS (ANSI) (ground controls side)	
38B	124486GT	GRND CONTROL COVER ASSY,SYMB (CE) (ground controls side)	
39	66094GT	NUT-THIN HEAVY HEX, 1/4-20	
40	6356GT	WASHER, LOCK, .25	
41	8915GT	SCREW, HHC, 1/4-20 X 1.25	
42	7265GT	RIVET,STEEL,P, .25 X .375	
43A	1257203GT	KIT,MTR CNTRLR REPLACEMENT,GR% kit includes installation instructions, new motor controller (PN 823408), harness, battery cables, and new fasteners. For machines that do not already have contactors installed, must also order 219897.	1
43B	823408GT	MOTOR CONTROLLER, DC, 24V, 300A motor controllers sold separately only in cases where upgrade kits are N/A or an upgrade kit has been previously installed	
43C	232580GT	HARNESS,DIODE JUMPER	
43D	232573GT	RESISTOR, 200 OHM 10 WATT	
43E	232535GT	KIT,CONTACTOR,GR	
43E-	232848GT	CONTACTOR ASSY,GR	
44A	145073GT	FORMING, HORN BRACKET QS-R	

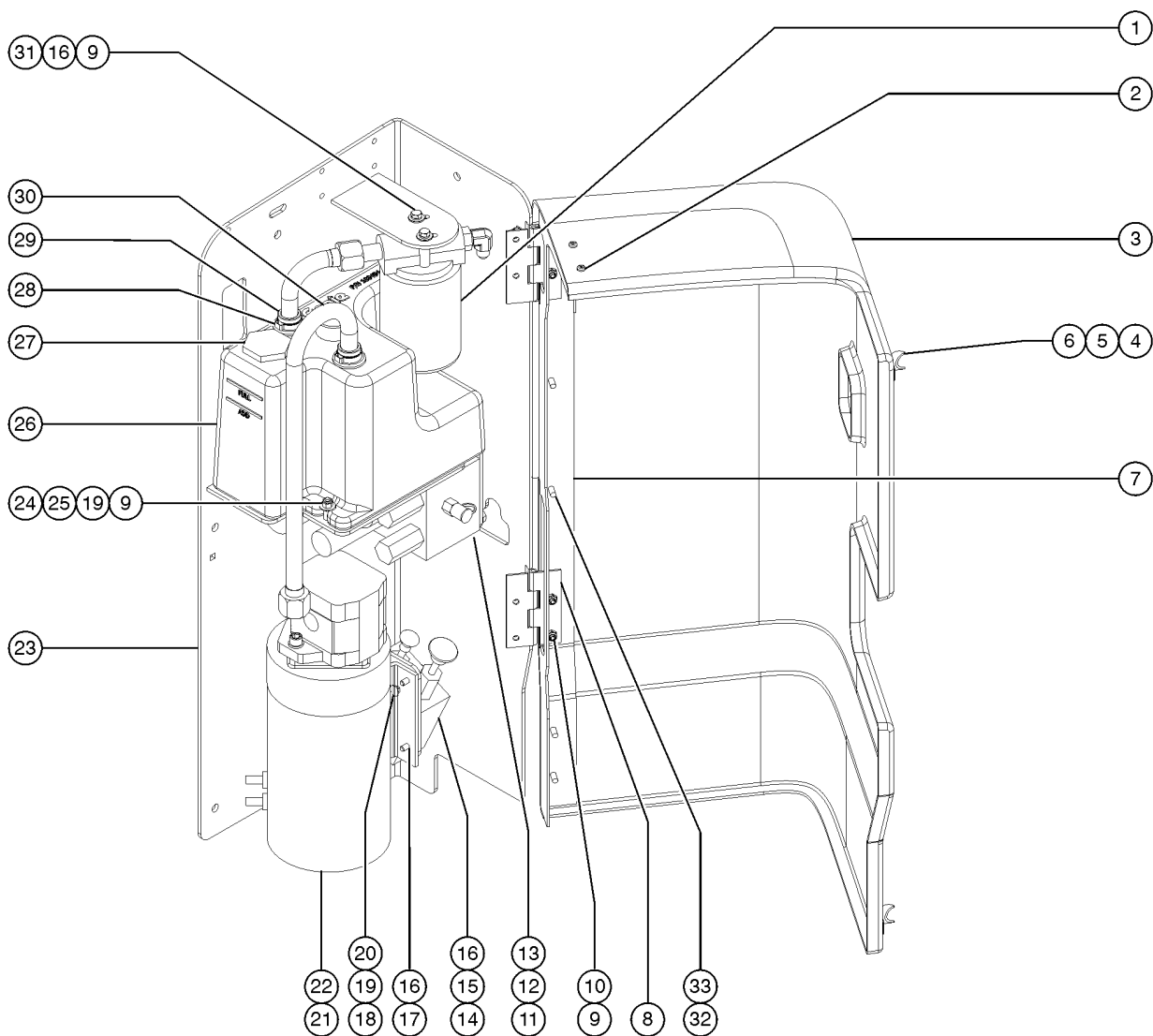
206.1 Power Unit Components



206.1 Power Unit Components

Item	Part No.	Description	Qty.
1	78622GT	FILTER ASSY,SAE8,10 MIC,PAPR**	1
1-	44788GT	FILTER ELEMENT-10MICRON, PAPER*	
		(paper, standard)	
1-	44207GT	FILTER ELEMENT,BETA(10)=200	
		(fiberglass, optional upgrade)	
2	7265GT	RIVET,STEEL,P, .25 X .375	
3A	124487GT	POWER UNIT COV ASSY W/WORD DEC	
		(power unit side, ANSI)	
3	124488GT	POWER UNIT COV ASSY W/SYMB DEC	
		(power unit side, CE)	
4	57881GT	LATCH, RUBBER, 3-13/32 X 1-7/8	2
5	45546GT	SCREW,RHM,6-32 X .5	
6	12344GT	NUT,NYLOCK,6-32	
7	124233GT	WELDMENT,COVER SUP.HYD	1
8	105573GT	HINGE,ACCESS DOOR***	2
9	6091GT	NUT, NYLOCK, 1/4-20	
10	6878GT	BOLT,CARRIAGE,1/4-20 X .75,G2	
11		Ref. FUNCTION MANIFOLD	
		(refer to 402.1)	
12	6175GT	SCREW,HHC,3/8-16 X 1	
13	6021GT	WASHER, LOCK, .375	
14		Ref. BRAKE RELEASE MANIFOLD	
		(refer to 403.1)	
15	6884GT	SCREW,HHC,1/4-20 X 2.5	
16	6356GT	WASHER, LOCK, .25	
17	8914GT	SCREW, HHC, 1/4-20 X .625	
18	96905GT	BOLT, CARRIAGE, 1/4-20 X 2.5, G2	
19	6638GT	WASHER, FLAT, USS, 1/4"Y	
20	6889GT	NUT,LP NYLOCK,1/4-20	
21		Ref. MOTOR	
		(refer to 401.1)	
22		Ref. GEAR PUMP	
		(refer to 401.1)	
23	124225GT	WELDMENT,HYDRAULIC TRAY	
		(power unit side, USA, Canada, Australia, Asia South America)	
23A	124489GT	POWER UNIT TRAY ASSY W/SYMBOLS	
		(power unit side, Europe)	
24	9116GT	BOLT,CARRIAGE,1/4-20 X 1.25,G2	

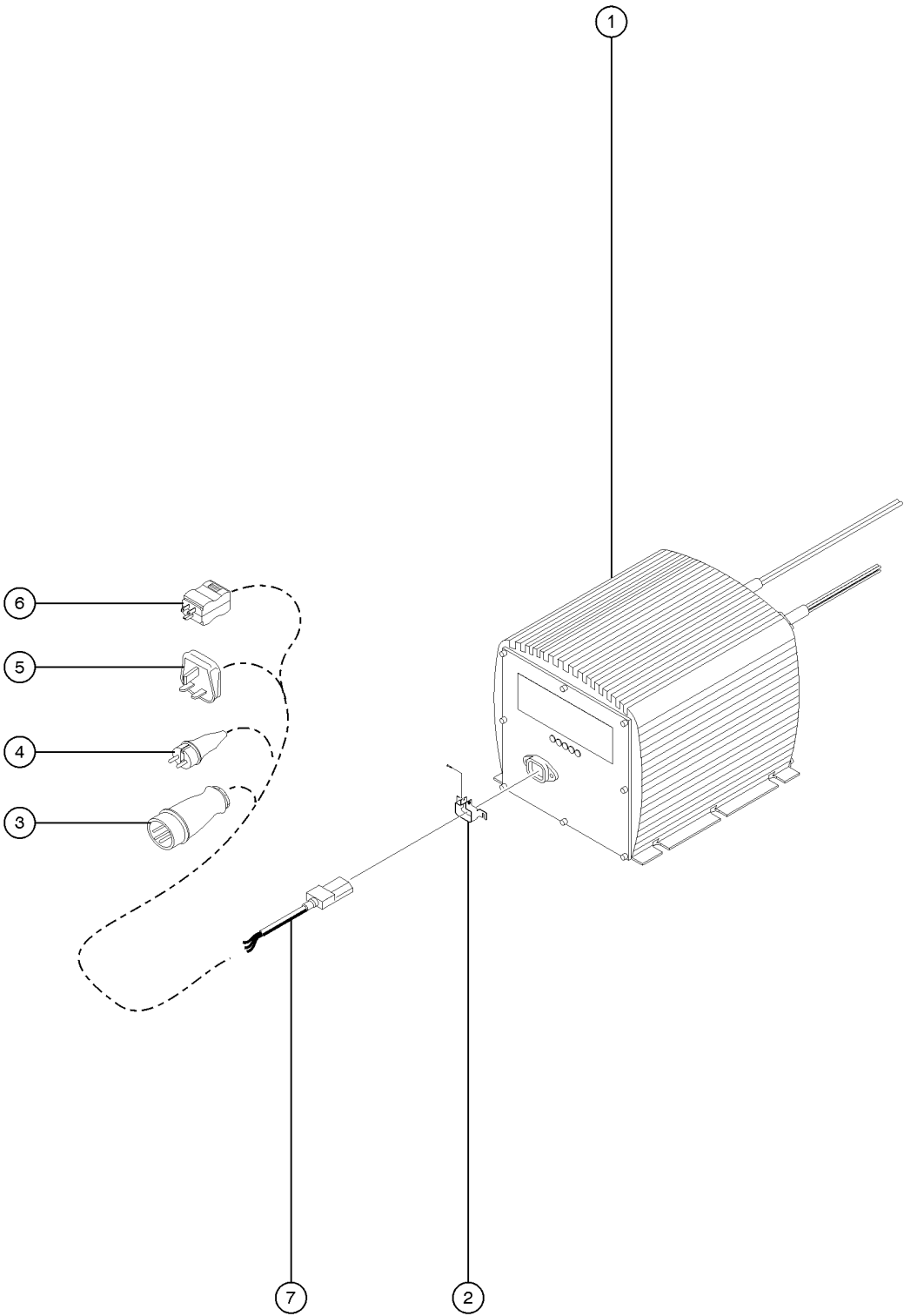
206.1 Power Unit Components



206.1 Power Unit Components

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
25	96699GT	SLEEVE,TANK SUPPORT	3
26	100484GT	HYD. TANK, POLYETHELENE	1
27	66204GT	FILTER CAP (PLUG 1-1/2" NPT HEX	1
28	96709GT	GROMMET,SLAB HYD TANK***	2
29	96855GT	CLAMP,HOSE,1 EAR,1-1/16***	1
30	78546GT	BREATHER CAP, HYD. TANK, 1/4 NPT	1
31	6090GT	SCREW, HHC, 1/4-20 X .75	
32	80058GT	SCREW,PHP,1/4-20 X .875	

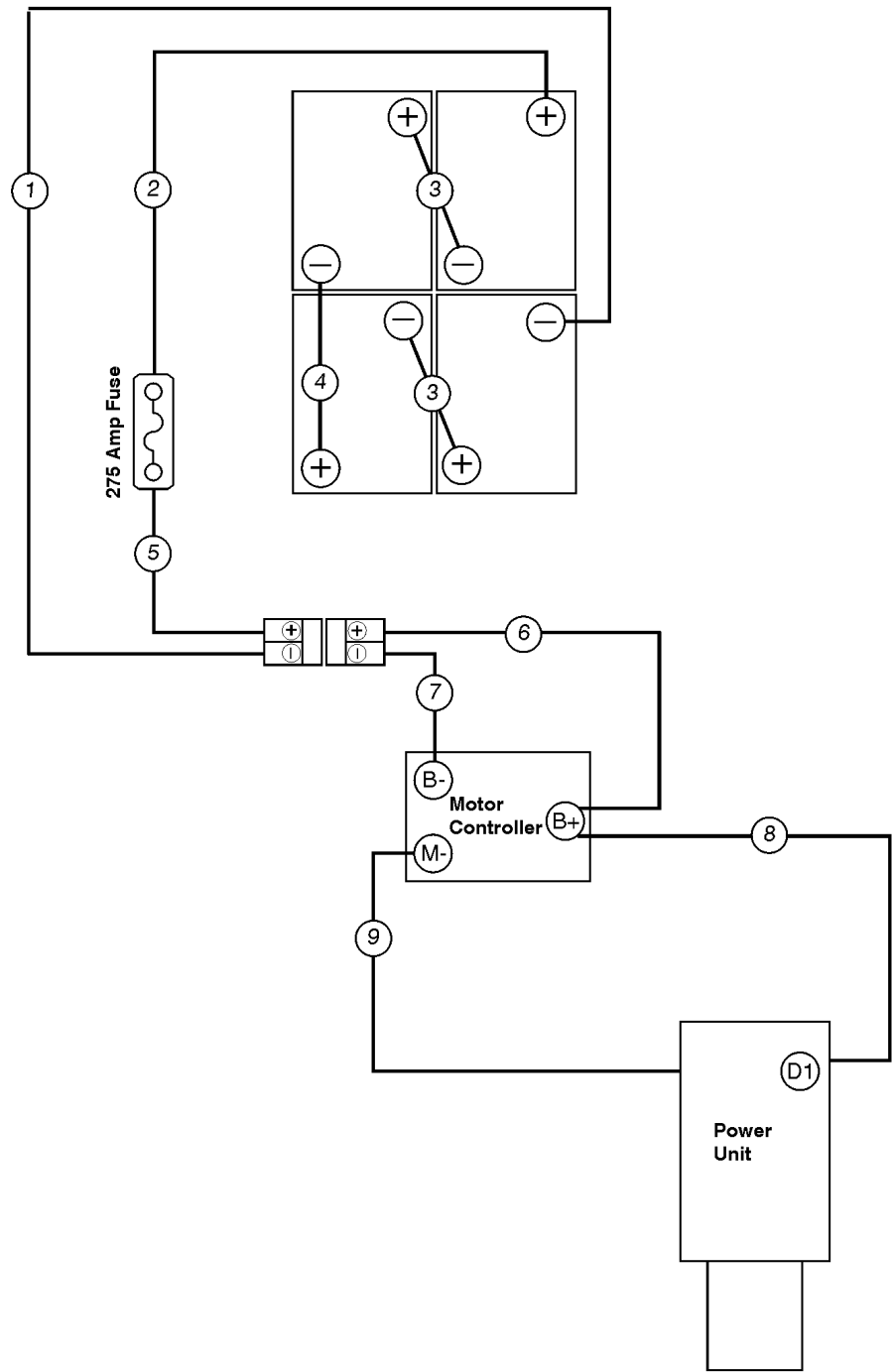
207.1 Battery Charger



207.1 Battery Charger

Item	Part No.	Description	Qty.
-	97059GT	FUSE,BATTERY CHARGER*** for 5-LED battery charger	
-	105334GT	CONNECTOR, IEC CHARGER CORD for 5-LED battery charger	
1	105739GT	CHARGER,BAT,24VDC,H/LO GEN2	1
1-	144180GT	MANUAL,OWNERS,CHARGER,105739	
1B	219480GT	KIT,BATTERY CHARGER,24V (includes 105739 charger, fasteners, ring terminals and instructions for field installation)	
1C	1278188GT	KIT,650W CHARGER,FLA,GR for standard 'flooded' batteries (to SN 2468)	
1C	1278189GT	KIT,650W CHARGER,AGM,GR for AGM 'maintenance-free' batteries (to SN 2468)	
1C	1278705GT	KIT,650W CHARGER,FLA,GR,EE EE Rated - for standard 'flooded' batteries (to SN 2468)	
1C	1278706GT	KIT,650W CHARGER,AGM,GR,EE EE Rated - for AGM 'maintenance-free' batteries (to SN 2468)	
1C-	1264372GT	CHARGER,24V,650W,USB for 1278188, 1278189, 1278705, 1278706; charge cord is not included	
1C-	1278191GT	HARNESS,CHARGER INTERLOCK for 1264372	
1C-	1278184GT	CABLE ASSY,CHARGER,UK110V for 1264372	
1C-	1278186GT	CABLE ASSY,CHARGER,NOVON for 1264372	
1C-	1278185GT	CABLE ASSY,CHARGER,UK220V for 1264372	
1C-	1278183GT	CABLE ASSY,CHARGER,US110 for 1264372	
1C-	1278187GT	CABLE ASSY,CHARGER,UNTERM for 1264372	
2	55010GT	LOCK, CONNECTOR (includes fasteners)	1
3A	144161GT	PLUG,PWR,UK,16AMP,3PIN,BLK UK 110V (order cord separately); to SN QS11-193	1
3B	144161GT	PLUG,PWR,UK,16AMP,3PIN,BLK UK 110V (order cord separately); from SN QS11-194	
4	1280665GT	PLUG, TYPE F, 230A, 50HZ, 16A, IP44 Europe 220V (order cord separately)	1
5	25388GT	PLUG,FUSED,250V,13AMP,U.K.** UK 220V (order cord separately)	1
6	6595GT	PLUG,ELECTRICAL,DOMESTIC ANSI/CSA 110V	1
7	124985GT	CABLE,POWER COIL 6FT IEC NEMA includes 6595 plug	1

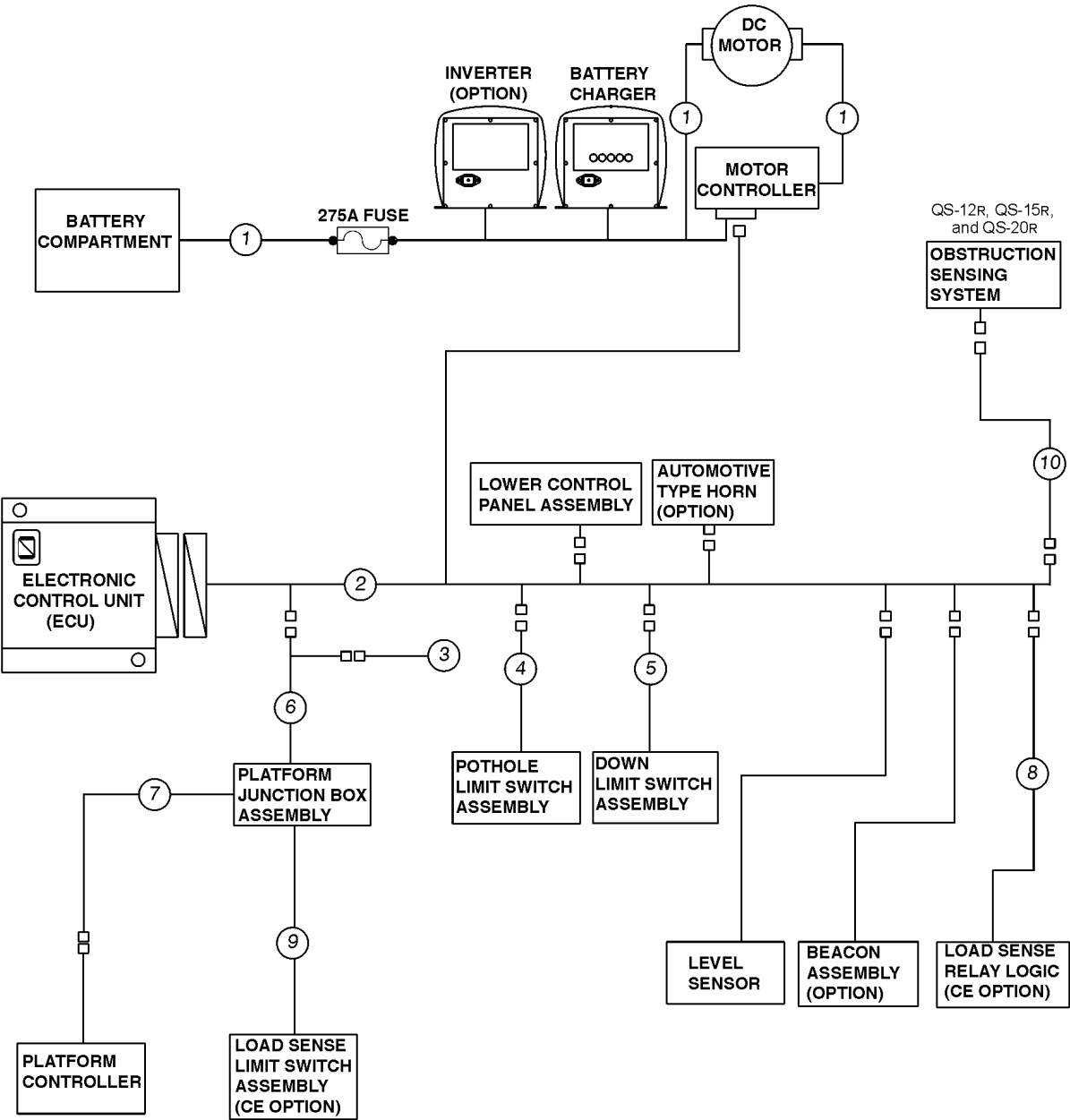
208.1 Power Cables



208.1 Power Cables

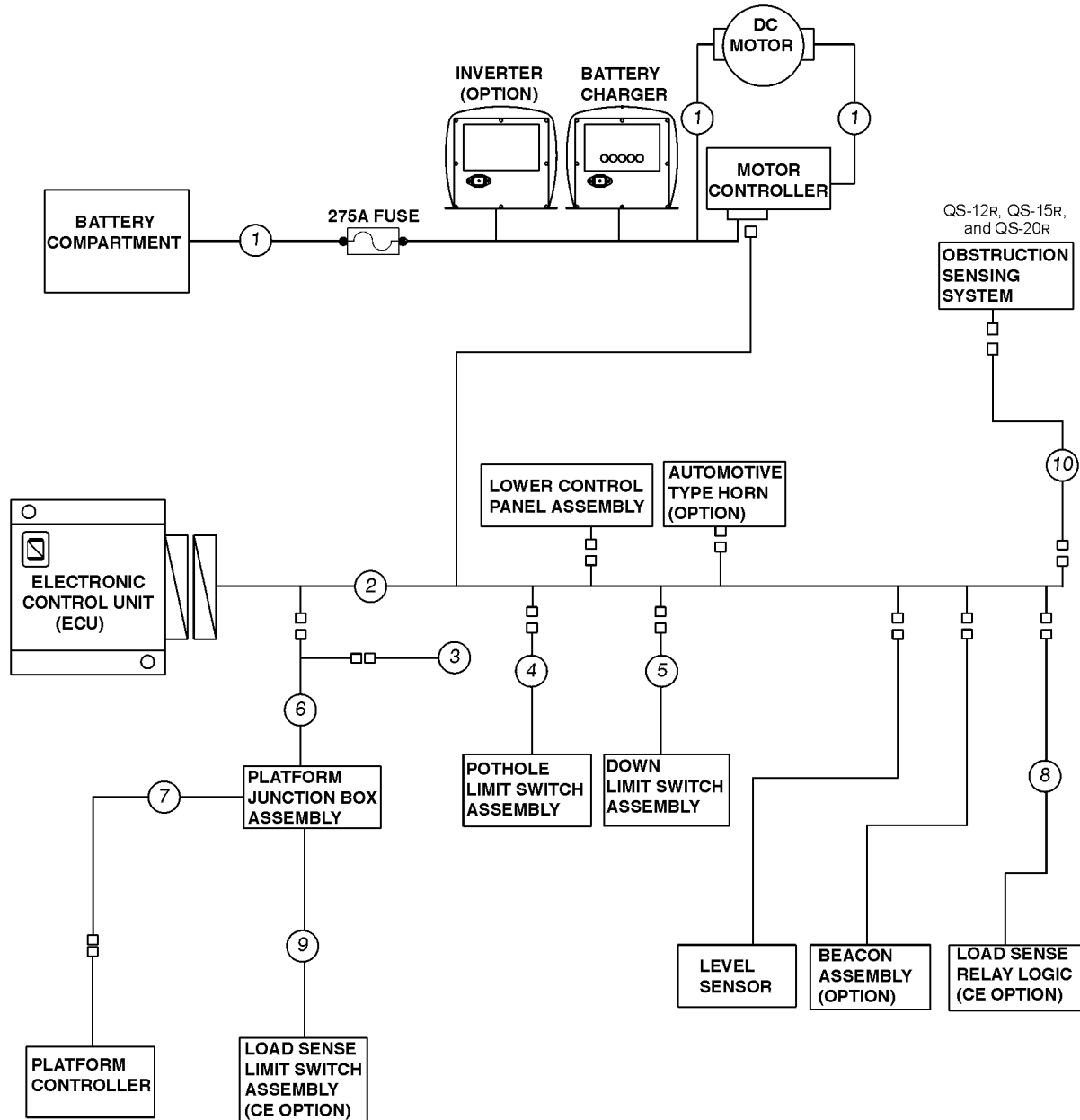
Item	Part No.	Description	Qty.
A-	100981GT	BATTERY CABLE ASSY, GR	
B-		Ref. Fuse, 275A	
		(refer to 205.1)	
C-		Ref. Quick Disconnect	
		(refer to 205.1)	
D	1257035GT	KIT,BATT. CABLE ASSY., GR	
		(includes items 6B, 7B, 8B, 9B)	
1	100732GT	CABLE ASSY, BATT TO ANDERSON	1
		(black)	
2	100730GT	CABLE ASSY, BATT TO FUSE	1
		(red)	
3	100728GT	CABLE ASSY,BATT,5.50"RED	2
4	100729GT	CABLE ASSY,BATT, 10" RED	1
5	100731GT	CABLE ASSY, FUSE TO ANDERSON	1
		(red)	
6A	100733GT	CABLE ASSY, ANDERSON TO MC/RED	1
6B	1257065GT	CABLE ASSY.,BATT. 14",4AWG RD	1
		(for units with kit 1257203 installed)	
7A	100734GT	CABLE ASSY, ANDERSON TO MC,BLK	1
7B	1257064GT	CABLE ASSY., BATT. 27" BLACK	1
		(for units with kit 1257203 installed)	
8A	100735GT	CABLE ASSY,BATT,50.0"RED	1
8B	1257062GT	CABLE ASSY., BATT. 64" RED	1
		(for units with kit 1257203 installed)	
9A	100736GT	CABLE ASSY,BATT,52.0"BLK	1
9B	1257063GT	CABLE ASSY., BATT. 62" BLACK	1
		(for units with kit 1257203 installed)	

209.1 Electrical Wiring



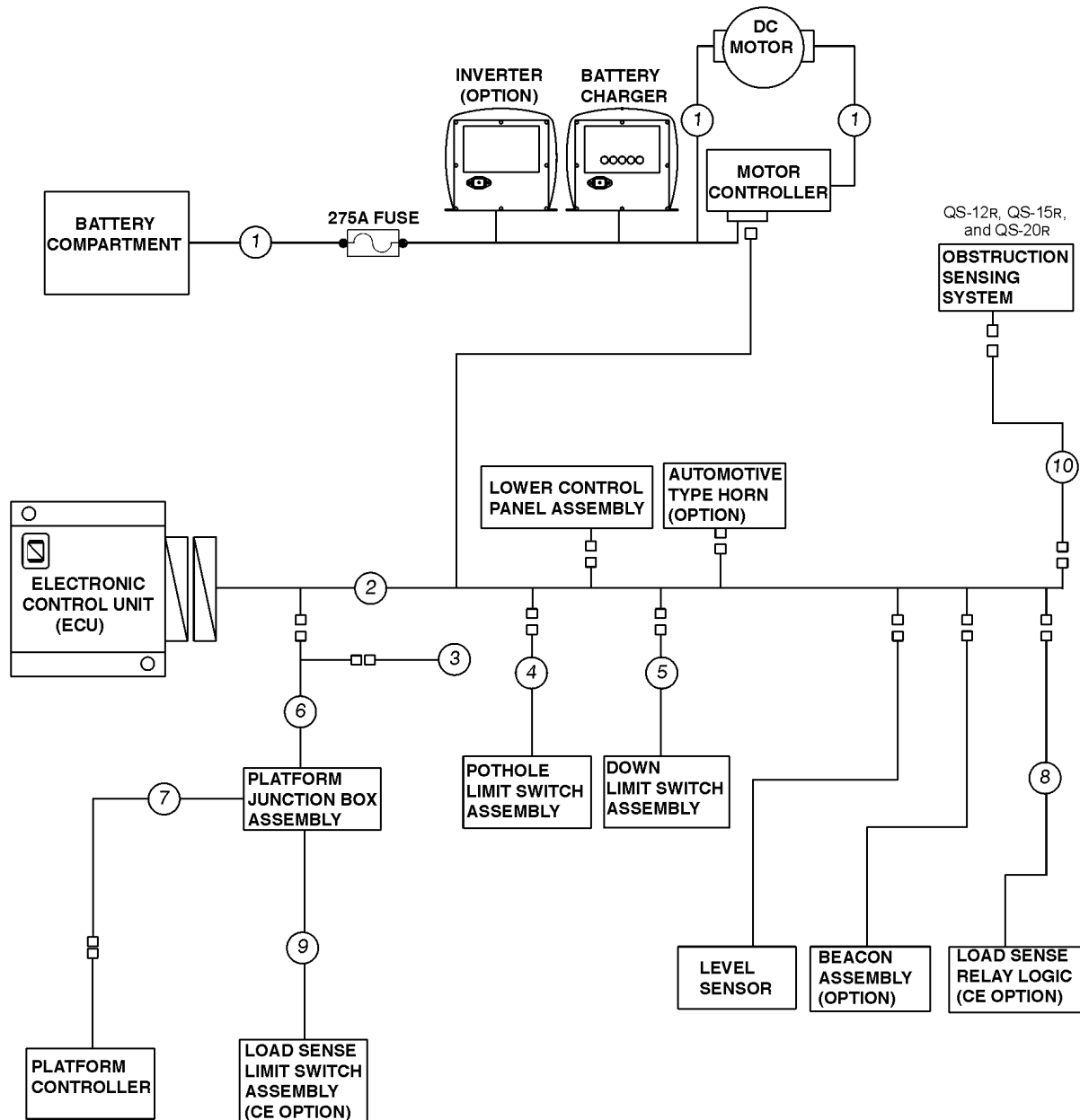
Item	Part No.	Description	Qty.
A-		Ref. Fuse Holder (refer to 205.1)	
B-		Ref. Quick Disconnect (refer to 205.1)	
1		Ref. Battery Cable Assembly (refer to 208.1)	
2	100698GT	HARNESS, ECU, GR ANSI ANSI and CSA	1
2A	100929GT	HARNESS, ECU, GR CE CE	
3	100782GT	POWER CABLE, GR BASE, DOMESTIC ANSI and CSA	1
3A	100931GT	POWER CABLE GR BASE,FOREIGN CE	
4	100754GT	ASSY, POTHOLE HARNESS, GR GR	1
5	100780GT	WIRE ASSY, DOWN LIMIT SW.	1
6	124452GT	WIRE HARNESS ASSY,CONTROL CABL QS-12	
7	100832GT	WIRE ASSY, STKPRK PLAT. GR GR	1
8	100763GT	ASSY,HARNESS, RELAY, CE, GR GR	1
9	100765GT	SWITCH ASSY,LIMIT,LOAD SENSE CE	1
10	145048GT	HARNESS,OBSTACLE DETECTION,GR QS-R (includes relays)	1
10-	19274GT	RELAY,SPDT,12V(AUTO)**	2
10-	60428GT	CONN, PLUG 4WAY, 14-18GA	1
10-	64260GT	TERM,NI PIN,16-18 BULK	4
10A	145334GT	CABLE,EXT,M-FM M8,60IN	3

209.2 Electrical Wiring



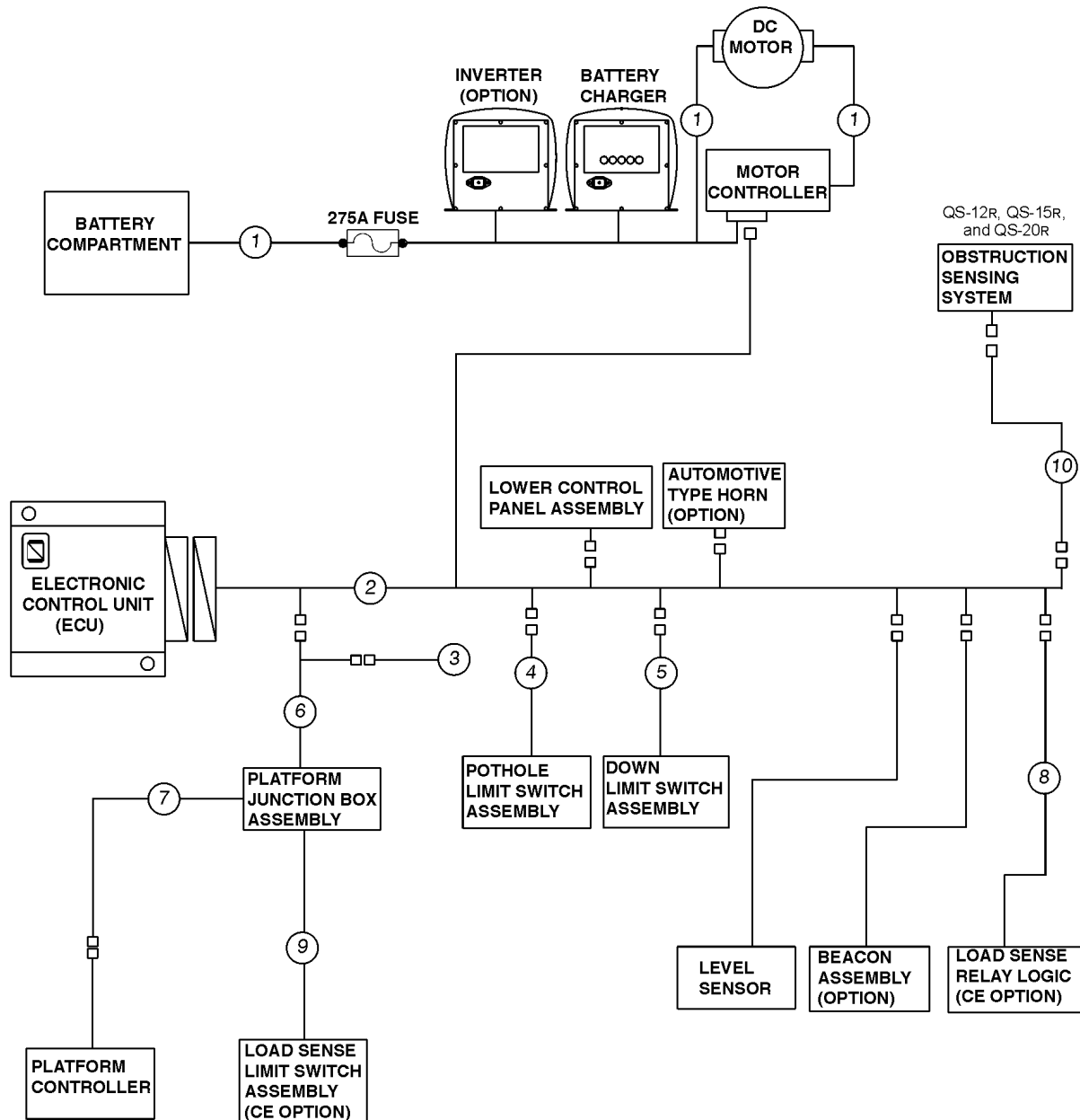
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
A-		Ref. Fuse Holder (refer to 205.1)	
B-		Ref. Quick Disconnect (refer to 205.1)	
1		Ref. Battery Cable Assembly (refer to 208.1)	
2	100698GT	HARNESS, ECU, GR ANSI ANSI and CSA	1
2A	100929GT	HARNESS, ECU, GR CE CE	
3	100782GT	POWER CABLE, GR BASE, DOMESTIC ANSI and CSA	1
3A	100931GT	POWER CABLE GR BASE,FOREIGN CE	
4	100754GT	ASSY, POTHOLE HARNESS, GR CE	1
5	100780GT	WIRE ASSY, DOWN LIMIT SW.	1
6	124452GT	WIRE HARNESS ASSY,CONTROL CABL QS-12	
7	100832GT	WIRE ASSY, STKPRK PLAT. GR CE	1
8	100763GT	ASSY,HARNESS, RELAY, CE, GR CE	1
9	100765GT	SWITCH ASSY,LIMIT,LOAD SENSE CE	1

209.3 Electrical Wiring

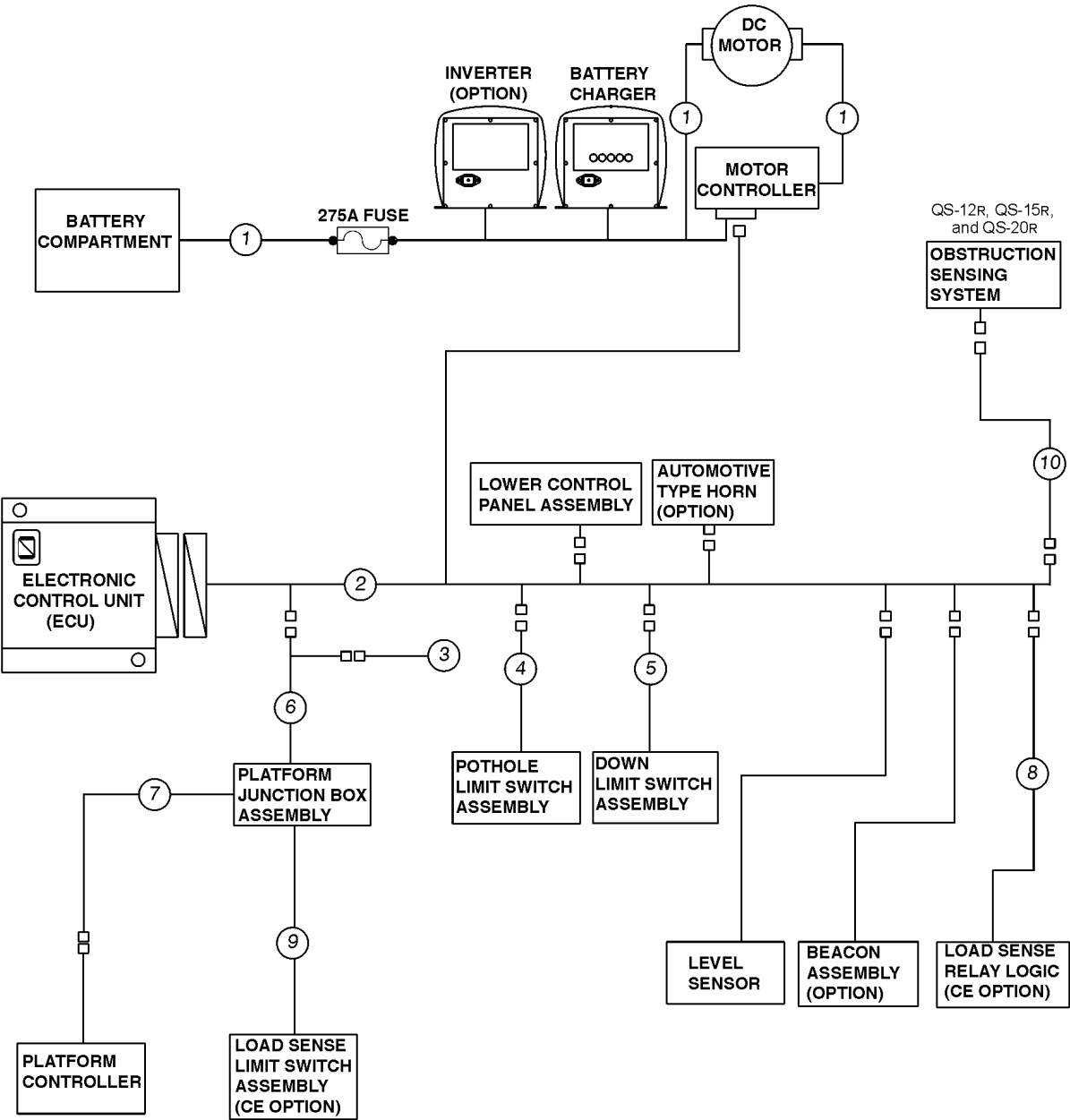


Item	Part No.	Description	Qty.
A-		Ref. Fuse Holder (refer to 205.1)	
B-		Ref. Quick Disconnect (refer to 205.1)	
1		Ref. Battery Cable Assembly (refer to 208.1)	
2	100698GT	HARNESS, ECU, GR ANSI ANSI and CSA	1
2A	100929GT	HARNESS, ECU, GR CE CE	
3	100782GT	POWER CABLE, GR BASE, DOMESTIC ANSI and CSA	1
3A	100931GT	POWER CABLE GR BASE,FOREIGN CE	
4	100754GT	ASSY, POTHOLE HARNESS, GR GR	1
5	100780GT	WIRE ASSY, DOWN LIMIT SW.	1
6A	100776GT	WIRE HARNESS ASSY, CONTROL CABLE QS-15	
7	100832GT	WIRE ASSY, STKPRK PLAT. GR GR	1
8	100763GT	ASSY,HARNESS, RELAY, CE, GR GR	1
9	100765GT	SWITCH ASSY,LIMIT,LOAD SENSE CE	1
10	145048GT	HARNESS,OBSTACLE DETECTION,GR QS-R (includes relays)	1
10-	19274GT	RELAY,SPDT,12V(AUTO)**	2
10-	60428GT	CONN, PLUG 4WAY, 14-18GA	1
10-	64260GT	TERM,NI PIN,16-18 BULK	4
10A	145334GT	CABLE,EXT,M-FM M8,60IN QS-R	3

209.4 Electrical Wiring

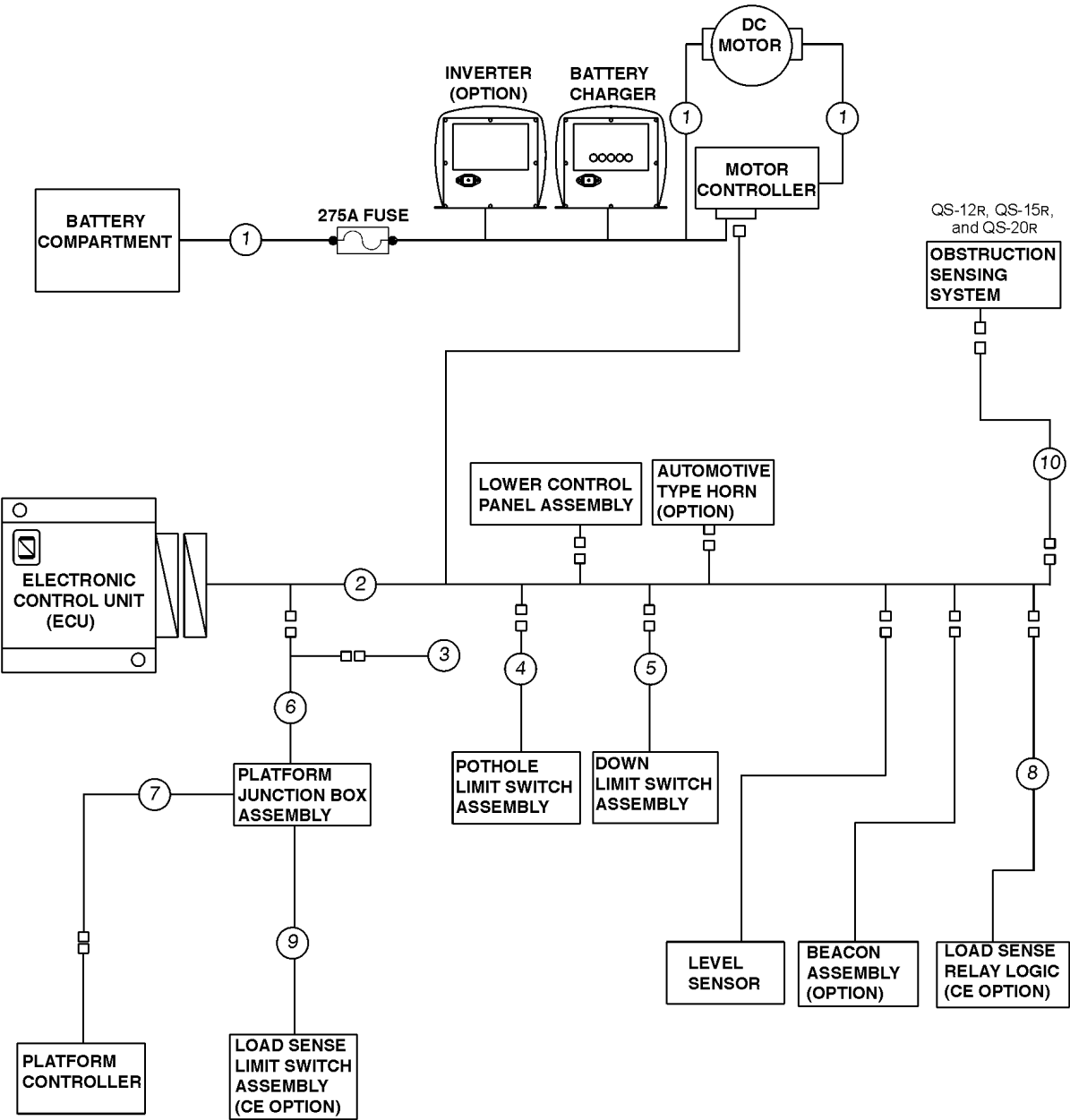


<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
A-		Ref. Fuse Holder (refer to 205.1)	
B-		Ref. Quick Disconnect (refer to 205.1)	
1		Ref. Battery Cable Assembly (refer to 208.1)	
2	100698GT	HARNESS, ECU, GR ANSI ANSI and CSA	1
2A	100929GT	HARNESS, ECU, GR CE CE	
3	100782GT	POWER CABLE, GR BASE, DOMESTIC ANSI and CSA	1
3A	100931GT	POWER CABLE GR BASE,FOREIGN CE	
4	100754GT	ASSY, POTHOLE HARNESS, GR CE	1
5	100780GT	WIRE ASSY, DOWN LIMIT SW.	1
6A	100776GT	WIRE HARNESS ASSY, CONTROL CABLE QS-15	
7	100832GT	WIRE ASSY, STKPRK PLAT. GR CE	1
8	100763GT	ASSY,HARNESS, RELAY, CE, GR CE	1
9	100765GT	SWITCH ASSY,LIMIT,LOAD SENSE CE	1



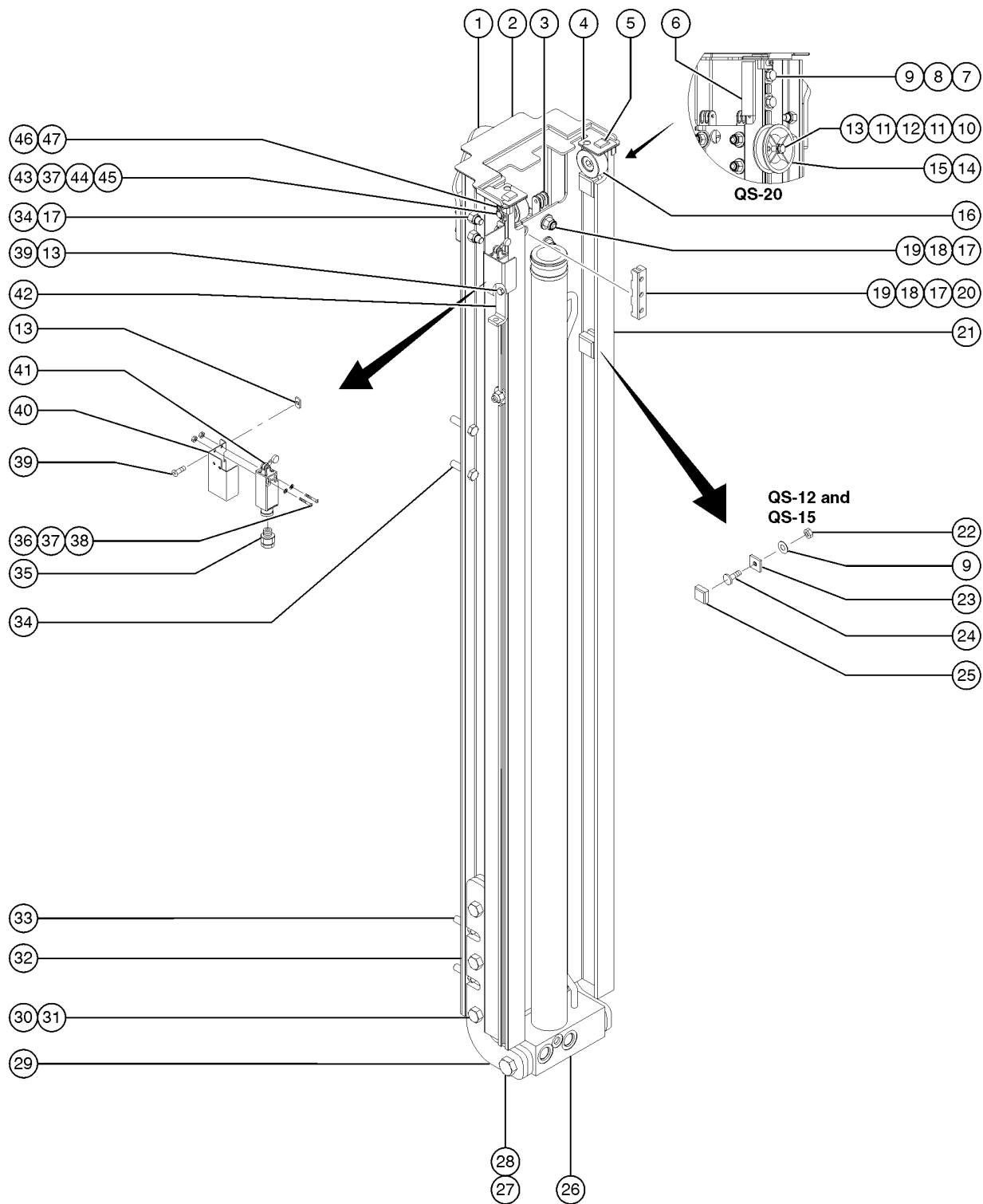
Item	Part No.	Description	Qty.
A-		Ref. Fuse Holde (refer to 205.1)	
B-		Ref. Quick Disconnect (refer to 205.1)	
1		Ref. Battery Cable Assembly (refer to 208.1)	
2	100698GT	HARNESS, ECU, GR ANSI ANSI and CSA	1
2A	100929GT	HARNESS, ECU, GR CE	
3	100782GT	POWER CABLE, GR BASE, DOMESTIC ANSI and CSA	1
3A	100931GT	POWER CABLE GR BASE,FOREIGN CE	
4	100754GT	ASSY, POTHOLE HARNESS, GR	1
5	100780GT	WIRE ASSY, DOWN LIMIT SW.	1
6B	124453GT	WIRE HARNESS ASSY, CONTROL CABLE QS-20	
7	100832GT	WIRE ASSY, STKPRK PLAT. GR	1
7A	100864GT	WIRE ASSY, STD/EXT PLAT. GR	
8	100763GT	ASSY,HARNESS, RELAY, CE, GR	1
9	100765GT	SWITCH ASSY,LIMIT,LOAD SENSE CE	1
10	145048GT	HARNESS,OBSTACLE DETECTION,GR QS-R (includes relays)	1
10-	19274GT	RELAY,SPDT,12V(AUTO)**	2
10-	60428GT	CONN, PLUG 4WAY, 14-18GA	1
10-	64260GT	TERM,NI PIN,16-18 BULK	4
10A	145334GT	CABLE,EXT,M-FM M8,60IN QS-R	3

209.6 Electrical Wiring



<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
A-		Ref. Fuse Holde (refer to 205.1)	
B-		Ref. Quick Disconnect (refer to 205.1)	
1		Ref. Battery Cable Assembly (refer to 208.1)	
2	100698GT	HARNESS, ECU, GR ANSI ANSI and CSA	1
2A	100929GT	HARNESS, ECU, GR CE CE	
3	100782GT	POWER CABLE, GR BASE, DOMESTIC ANSI and CSA	1
3A	100931GT	POWER CABLE GR BASE,FOREIGN CE	
4	100754GT	ASSY, POTHOLE HARNESS, GR CE	1
5	100780GT	WIRE ASSY, DOWN LIMIT SW.	1
6B	124453GT	WIRE HARNESS ASSY, CONTROL CABLE QS-20	
7	100832GT	WIRE ASSY, STKPRK PLAT. GR CE	1
7A	100864GT	WIRE ASSY, STD/EXT PLAT. GR CE	
8	100763GT	ASSY,HARNESS, RELAY, CE, GR CE	1
9	100765GT	SWITCH ASSY,LIMIT,LOAD SENSE CE	1

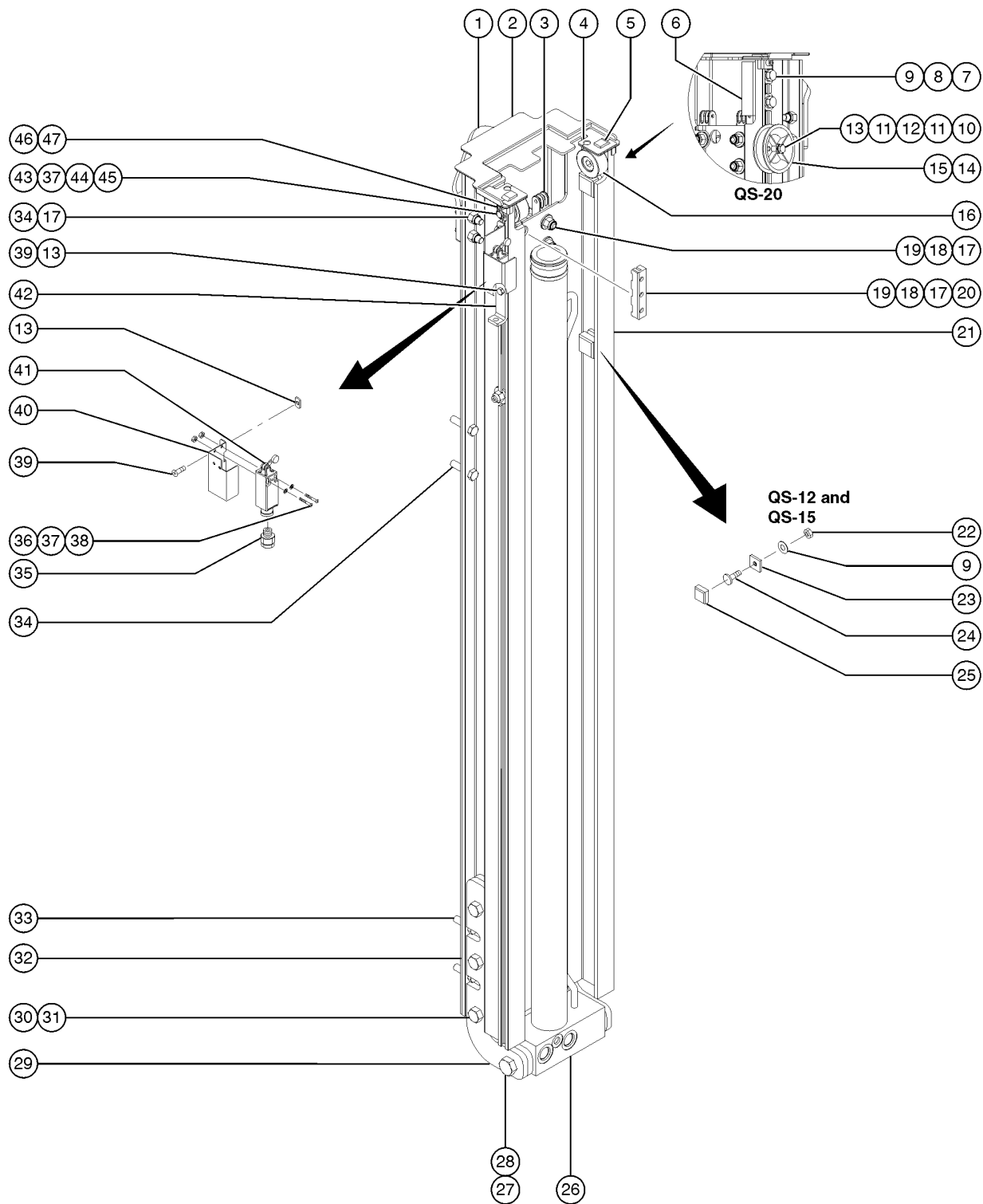
301.1 Number 1 Column Assembly



301.1 Number 1 Column Assembly

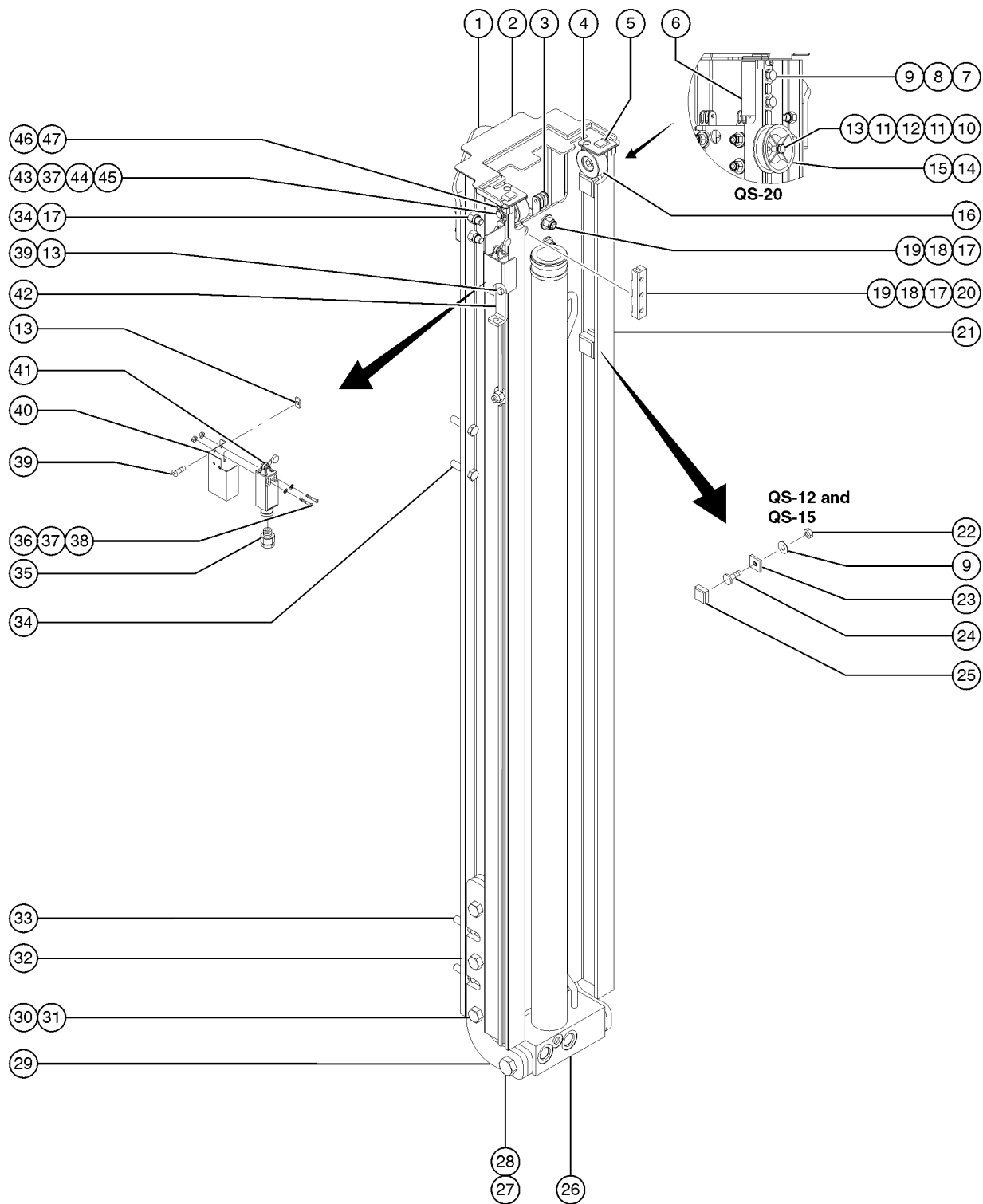
Item	Part No.	Description	Qty.
	90337GT	BOE LUBE lubricant	1
1	107023GT	LIFTING EYE ASSEMBLY (direct replacement of p/n 107138)	1
2		Ref. Mast Cover, Number 1 Column (refer to 311.1)	
3		Ref. Upper Chain Terminal, Number 1 Column (refer to 307.1, 308.1 and 309.1)	
4	100778GT	PLATE, MAST FLAP CLAMP QS-12	4
5	38730GT	NUT,WELD,ANGLE,1/4" T-SLOT QS-12	4
9	6097GT	WASHER, FLAT, USS, 3/8", Y	
13	35991GT	NUT,WELD 1/4-20, PLATED L.L.**	
14	23394GT	PULLEY,ELEC.CNTRL.CABLE,AWP QS-12	3
16	38026GT	ROLLER, MACHINED AWP*** QS-12	16
17	4828GT	NUT, NYLOCK, 3/8-16	
18	5397GT	WASHER, FLAT, USS, 5/16-18	
19	35714GT	SCREW,FHS,3/8-16 X 2.25	
20	35709GT	BLOCK,SLIDE,UPPER QS-12	2
21	100711GT	COLUMN #1 MACHINED, 57 QS-12, QS-15	1
22	4828GT	NUT, NYLOCK, 3/8-16	
23	38013GT	SHIM NUT,ADJUSTER QS-12, QS-15	4
24	40946GT	BOLT,SHIM QS-12, QS-15	4
25	38011GT	SHIM,SIDE PAD QS-12, QS-15	4
26		Ref. Lift Cylinder (refer to 401.1)	
27	1268235GT	SCREW,HHC,5/8-11 X 8.00	
28	38028GT	NUT,LP NYLOCK,5/8-11	
29	100483GT	PLATE, CYLINDER MOUNT QS-12	4
30	38601GT	SCREW,HHC,1/2-13 X 7.5	
31	6086GT	NUT,LP NYLOCK,1/2-13	
32	107131GT	MAST STIFFENER ASSY, GR12/15	1
33	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
34	8516GT	SCREW, HCC, 3/8-16 X 1.50	

301.1 Number 1 Column Assembly



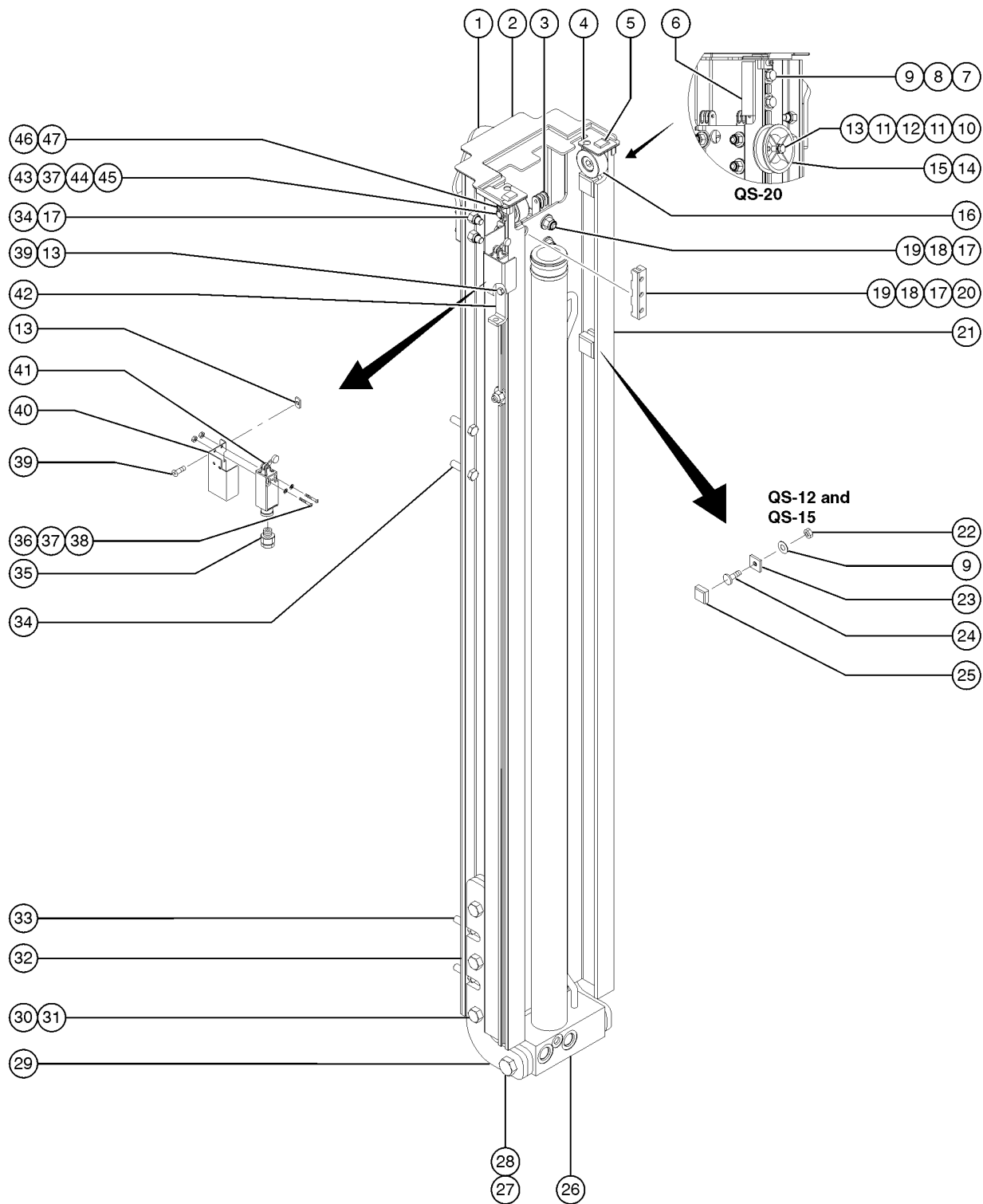
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
35	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50, SM	1
36	51063GT	SCREW, PHILLIPS, RHM, 10-32 X 1.5	
		QS-12, QS-15 and QS-20	
37	6607GT	WASHER, LOCK, #10 PLTD	
38	15513GT	NUT, HEX, 10-32	
39	11808GT	SCREW, HHC, 1/4-20 X .375	
40	69575GT	COVER, LIMIT SWITCH W/DECAL GR	1
41	96948GT	SWITCH, LIMIT, W/ROLLER ARM***	1
41-	19491GT	CONTACTOR, LIMIT SWITCH	
41-	97128GT	ROLLER ARM, LIMIT SWITCH***	
42		Ref. Upper Sequencing Cable Bracket	
		(refer to 310.1)	
43	7713GT	NUT, LP NYLOCK, 3/8-16	
44	6052GT	WASHER, SHIM, .5 X .875 X .063	
45	35706GT	BOLT, ROLLER, .470"(SHORT)	
46	40004GT	SCREW, SHC, 1/4-20 X .375 BLK	
47	41055GT	WASHER, T-SLOT	

301.2 Number 1 Column Assembly



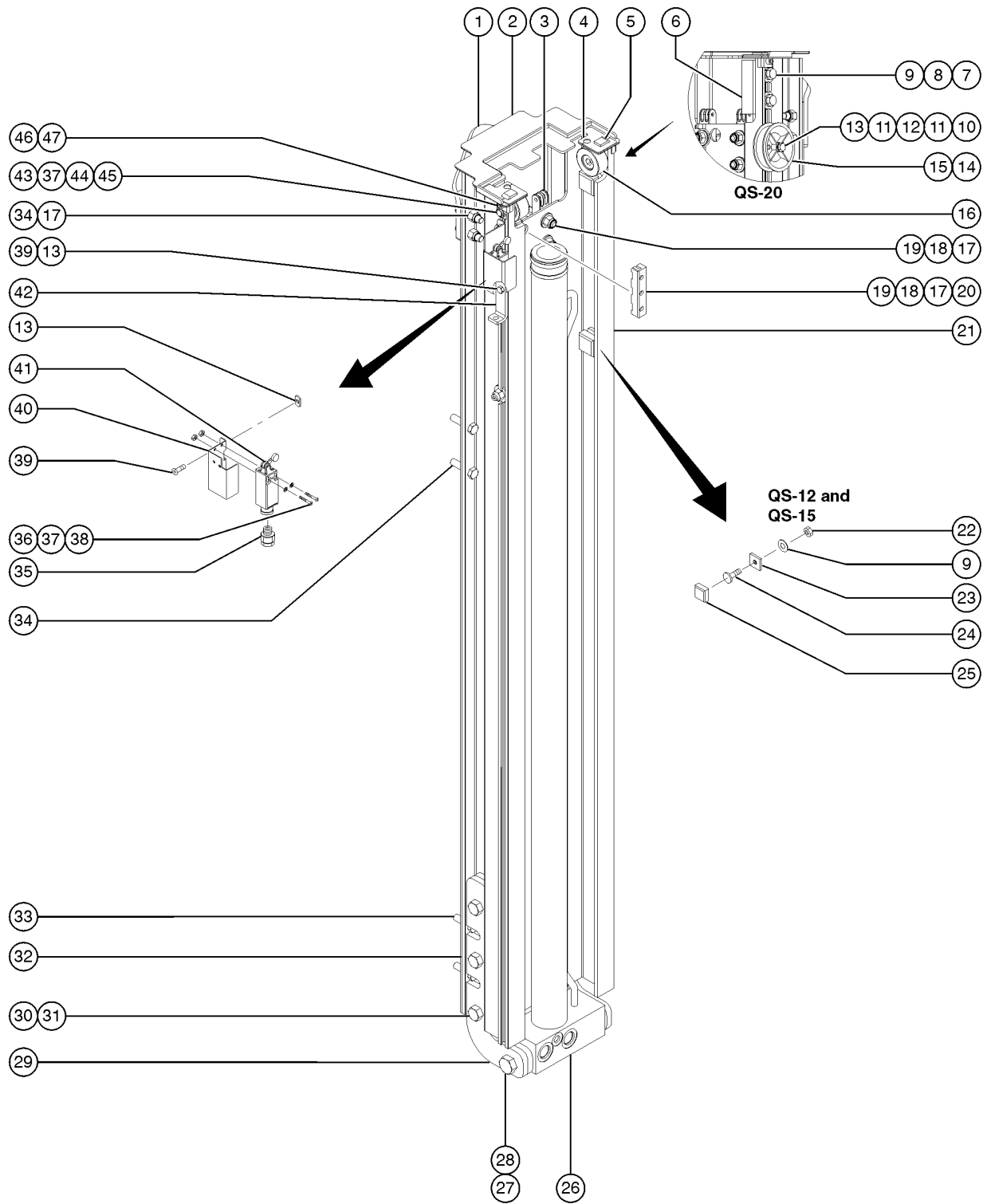
Item	Part No.	Description	Qty.
	90337GT	BOE LUBE lubricant	1
1	107023GT	LIFTING EYE ASSEMBLY (direct replacement of p/n 107138)	1
2		Ref. Mast Cover, Number 1 Column (refer to 311.1)	
3		Ref. Upper Chain Terminal, Number 1 Column (refer to 307.1, 308.1 and 309.1)	
4A	100778GT	PLATE, MAST FLAP CLAMP QS-15	6
5A	38730GT	NUT,WELD,ANGLE,1/4" T-SLOT QS-15	6
9	6097GT	WASHER, FLAT, USS, 3/8", Y	
13	35991GT	NUT,WELD 1/4-20, PLATED L.L.**	
14A	23394GT	PULLEY,ELEC.CNTRL.CABLE,AWP QS-15	4
16A	38026GT	ROLLER, MACHINED AWP*** QS-15	12
17	4828GT	NUT, NYLOCK, 3/8-16	
18	5397GT	WASHER, FLAT, USS, 5/16-18	
19	35714GT	SCREW,FHS,3/8-16 X 2.25	
20A	35709GT	BLOCK,SLIDE,UPPER QS-15	3
21	100711GT	COLUMN #1 MACHINED, 57 QS-12, QS-15	1
22	4828GT	NUT, NYLOCK, 3/8-16	
23	38013GT	SHIM NUT,ADJUSTER	4
24	40946GT	BOLT,SHIM QS-12, QS-15	4
25	38011GT	SHIM,SIDE PAD QS-12, QS-15	4
26		Ref. Lift Cylinder (refer to 401.1)	
27	1268235GT	SCREW,HHC,5/8-11 X 8.00	
28	38028GT	NUT,LP NYLOCK,5/8-11	
29	100483GT	PLATE, CYLINDER MOUNT	4
30	38601GT	SCREW,HHC,1/2-13 X 7.5	
31	6086GT	NUT,LP NYLOCK,1/2-13	
32	107131GT	MAST STIFFENER ASSY, GR12/15	1
33	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
34	8516GT	SCREW, HCC, 3/8-16 X 1.50	

301.2 Number 1 Column Assembly



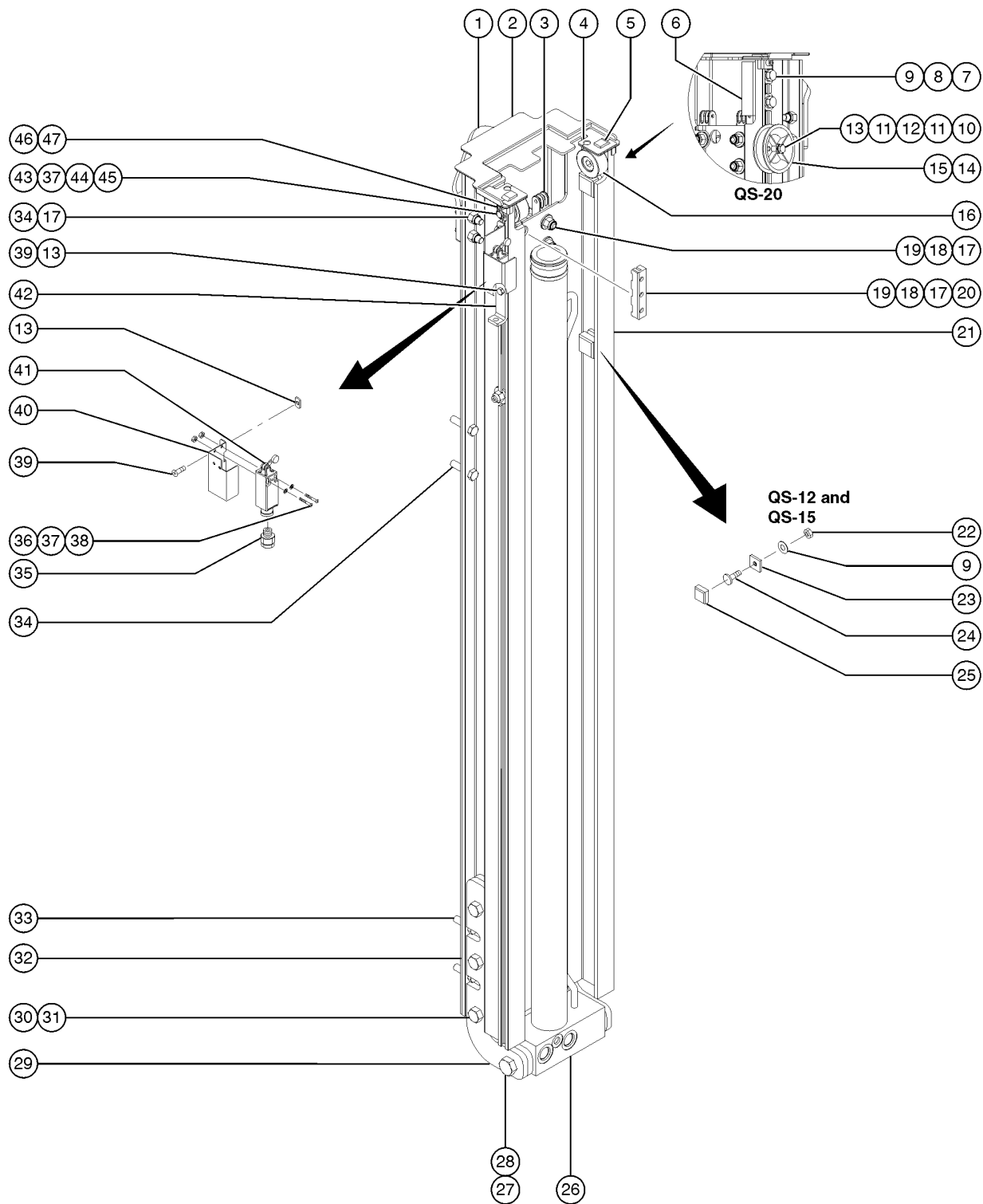
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
35	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50, SM	1
36	51063GT	SCREW, PHILLIPS, RHM, 10-32 X 1.5	
		QS-12, QS-15 and QS-20	
37	6607GT	WASHER, LOCK, #10 PLTD	
38	15513GT	NUT, HEX, 10-32	
39	11808GT	SCREW, HHC, 1/4-20 X .375	
40	69575GT	COVER, LIMIT SWITCH W/DECAL GR	1
41	96948GT	SWITCH, LIMIT, W/ROLLER ARM***	1
41-	19491GT	CONTACTOR, LIMIT SWITCH	
41-	97128GT	ROLLER ARM, LIMIT SWITCH***	
42		Ref. Upper Sequencing Cable Bracket	
		(refer to 310.1)	
43	7713GT	NUT, LP NYLOCK, 3/8-16	
44	6052GT	WASHER, SHIM, .5 X .875 X .063	
45	35706GT	BOLT, ROLLER, .470"(SHORT)	
46	40004GT	SCREW, SHC, 1/4-20 X .375 BLK	
47	41055GT	WASHER, T-SLOT	

301.3 Number 1 Column Assembly



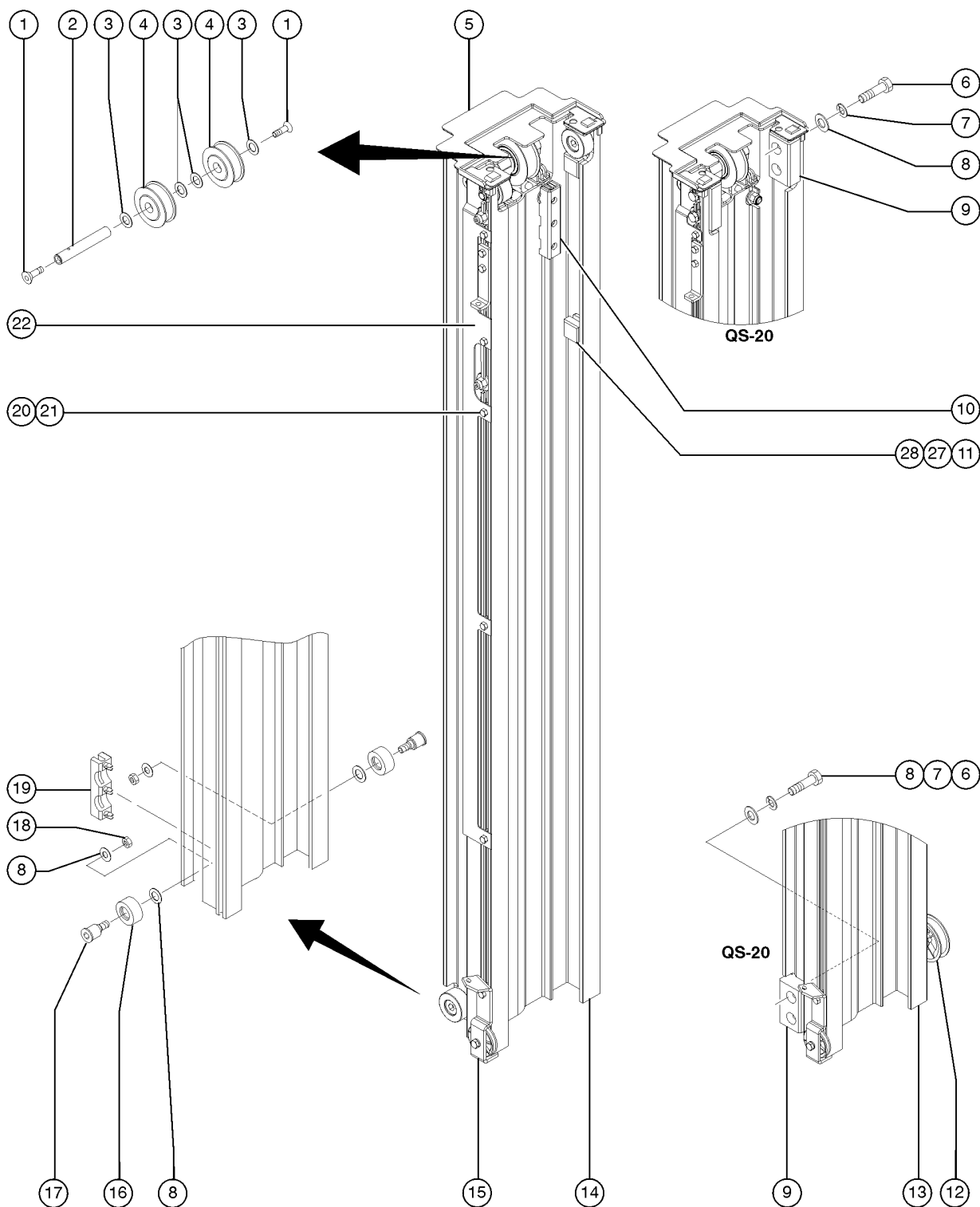
Item	Part No.	Description	Qty.
	90337GT	BOE LUBE lubricant	1
1	107023GT	LIFTING EYE ASSEMBLY (direct replacement of p/n 107138	1
2		Ref. Mast Cover, Number 1 Column (refer to 311.1)	
3		Ref. Upper Chain Terminal, Number 1 Column (refer to 307.1, 308.1 and 309.1)	
4B	100778GT	PLATE, MAST FLAP CLAMP QS-20	8
5B	38730GT	NUT,WELD,ANGLE,1/4" T-SLOT QS-20	8
6	100379GT	BLOCK, MAST SLIDER, GR20 QS-20	2
7	6175GT	SCREW,HHC,3/8-16 X 1 QS-20	
8	6021GT	WASHER, LOCK, .375 QS-20	
9	6097GT	WASHER, FLAT, USS, 3/8", Y QS-20	
10	8915GT	SCREW, HHC, 1/4-20 X 1.25 QS-20	
11	25926GT	WASHER,FLAT,M6 PLTD. QS-20	
12	22699GT	WASHER, FLAT, M10, ZINC PLTD. QS-20	
13	35991GT	NUT,WELD 1/4-20, PLATED L.L.** QS-20	
14B	23394GT	PULLEY,ELEC.CNTRL.CABLE,AWP QS-20	5
15	40735GT	SPACER, 1/4ID3/8OD, .875LG QS-20	
16B	38026GT	ROLLER, MACHINED AWP*** QS-20	4
17	4828GT	NUT, NYLOCK, 3/8-16 QS-20	
18	5397GT	WASHER, FLAT, USS, 5/16-18 QS-20	
19	35714GT	SCREW,FHS,3/8-16 X 2.25 QS-20	
21A	100380GT	COL 1 MACHINED, 72.5 QS-20	
22	4828GT	NUT, NYLOCK, 3/8-16 QS-20	
26		Ref. Lift Cylinder (refer to 401.1)	
27	1268235GT	SCREW,HHC,5/8-11 X 8.00 QS-20	
28	38028GT	NUT,LP NYLOCK,5/8-11 QS-20	
29	100483GT	PLATE, CYLINDER MOUNT QS-20	4
30	38601GT	SCREW,HHC,1/2-13 X 7.5 QS-20	
31	6086GT	NUT,LP NYLOCK,1/2-13 QS-20	

301.3 Number 1 Column Assembly



<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
32A	107132GT	MAST STIFFENER ASSY,GR20 QS-20	
33	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
34	8516GT	SCREW, HCC, 3/8-16 X 1.50	
35	7056GT	CONN, SQZ, 1/2NPT, 0.38-0.50,SM	1
36	51063GT	SCREW,PHILLIPS,RHM,10-32 X 1.5 QS-12, QS-15 and QS-20	
37	6607GT	WASHER,LOCK,#10 PLTD	
38	15513GT	NUT,HEX,10-32	
39	11808GT	SCREW,HHC,1/4-20 X .375	
40	69575GT	COVER,LIMIT SWITCH W/DECAL GR	1
41	96948GT	SWITCH, LIMIT, W/ROLLER ARM***	1
41-	19491GT	CONTACTOR,LIMIT SWITCH	
41-	97128GT	ROLLER ARM,LIMIT SWITCH***	
42		Ref. Upper Sequencing Cable Bracket (refer to 310.1)	
43	7713GT	NUT, LP NYLOCK, 3/8-16	
44	6052GT	WASHER,SHIM,.5 X .875 X .063	
45	35706GT	BOLT,ROLLER,.470"(SHORT)	
46	40004GT	SCREW,SHC,1/4-20 X .375 BLK	
47	41055GT	WASHER,T-SLOT	

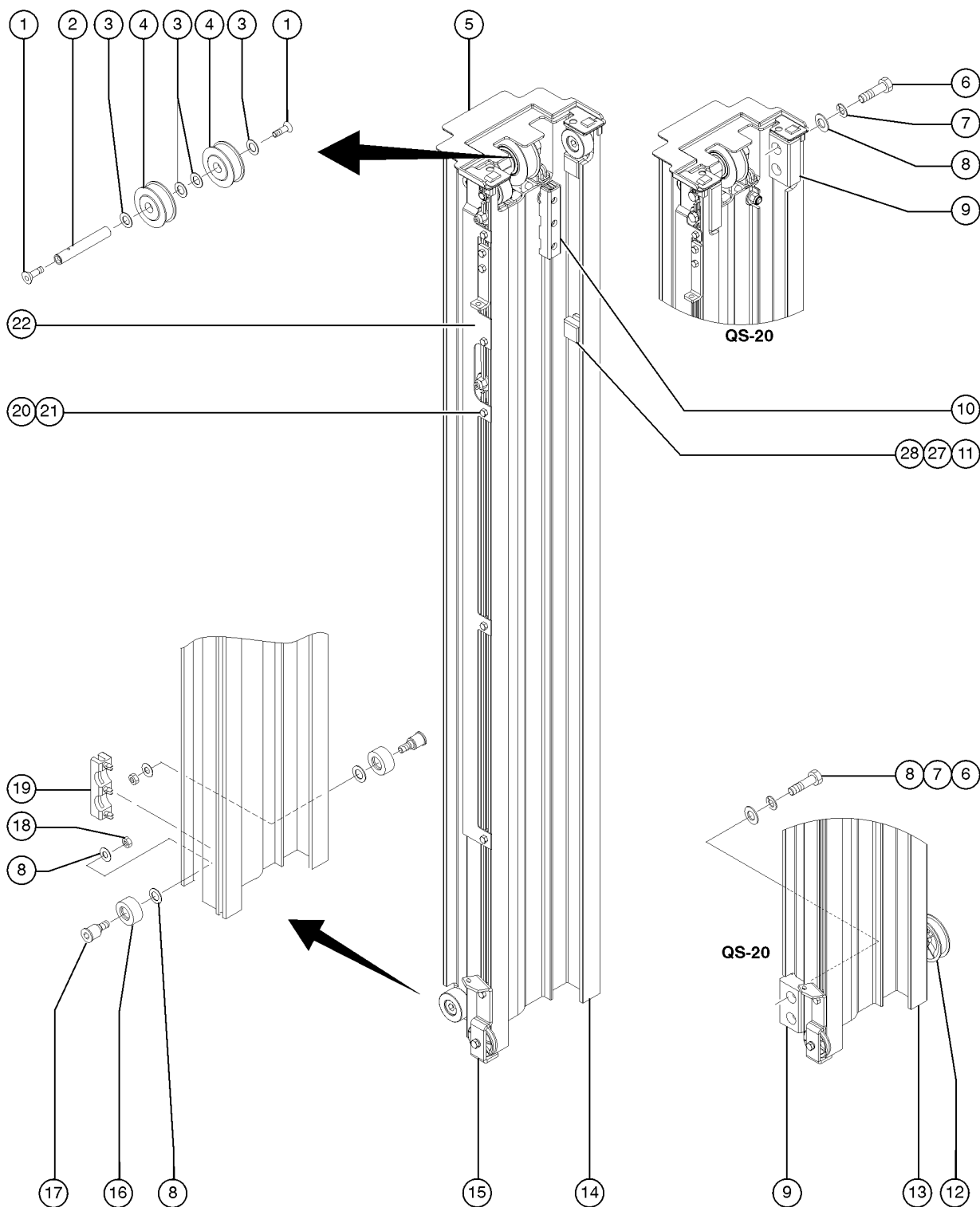
302.1 Number 2 Column Assembly



302.1 Number 2 Column Assembly

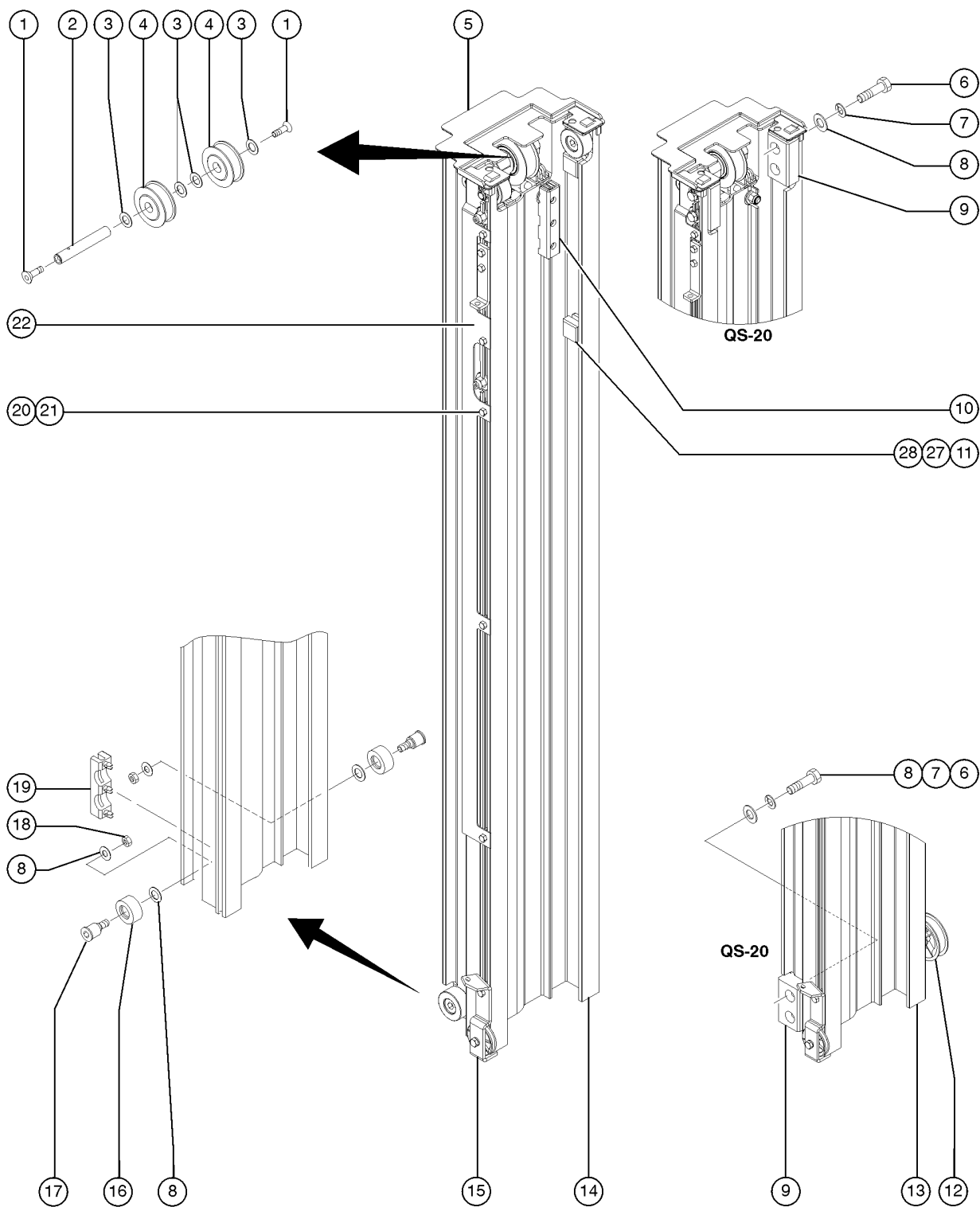
Item	Part No.	Description	Qty.
1	45425GT	SCREW,FHS,3/8-16 X .75	
2	35707GT	SHAFT,LIFTING CHAINS,20MM DIA. QS-12	2
3	38709GT	WASHER,SHIM,.938 X 1.37 X .048	
4	38447GT	PULLEY W/BEARINGS	2
5		Ref. Mast Cover, Column Number 2 (refer to 311.1)	
8	6097GT	WASHER, FLAT, USS, 3/8", Y	
10		Ref. Upper Slider Block	
11	38011GT	(refer to 301.1) SHIM,SIDE PAD	4
12		Ref. Control Cable Pulley	
14	100712GT	(refer to 312.1 and 313.1) COLUMN #2 MACHINED, 57	1
15		QS-12, QS-15 Ref. Pulley Bracket	
16		(refer to 310.1) Ref. Roller (refer to 301.1)	
17	35706GT	BOLT,ROLLER,.470"(SHORT)	
18	7713GT	NUT, LP NYLOCK, 3/8-16	
19	35710GT	BLOCK,SLIDE,LOWER	2
20	11808GT	QS-12 SCREW,HHC,1/4-20 X .375	
21	35991GT	NUT,WELD 1/4-20, PLATED L.L.**	
22	57809GT	PLATE, LIMIT SWITCH ROLL GR	1
		QS-12, QS-15	

302.2 Number 2 Column Assembly



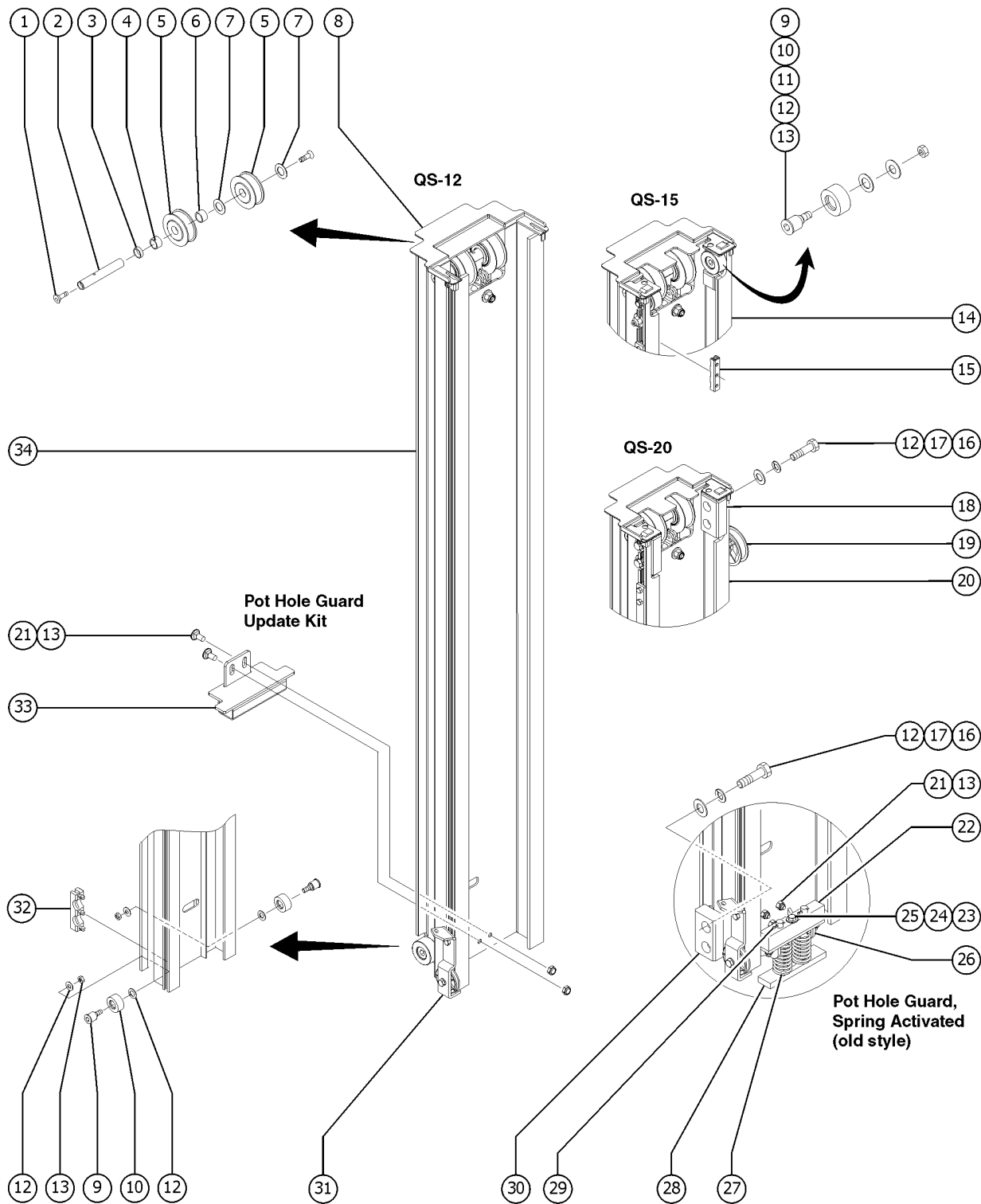
Item	Part No.	Description	Qty.
1	45425GT	SCREW,FHS,3/8-16 X .75	
2A	35707GT	SHAFT,LIFTING CHAINS,20MM DIA. QS-15	3
3	38709GT	WASHER,SHIM,.938 X 1.37 X .048	
4	38447GT	PULLEY W/BEARINGS	2
5		Ref. Mast Cover, Column Number 2 (refer to 311.1)	
8	6097GT	WASHER, FLAT, USS, 3/8", Y	
10		Ref. Upper Slider Block	
		(refer to 301.1)	
11	38011GT	SHIM,SIDE PAD	4
12		Ref. Control Cable Pulley	
		(refer to 312.1 and 313.1)	
14	100712GT	COLUMN #2 MACHINED, 57	1
		QS-15	
15		Ref. Pulley Bracket	
		(refer to 310.1)	
16		Ref. Roller	
		(refer to 301.1)	
17	35706GT	BOLT,ROLLER,.470"(SHORT)	
18	7713GT	NUT, LP NYLOCK, 3/8-16	
19A	35710GT	BLOCK,SLIDE,LOWER	3
20	11808GT	SCREW,HHC,1/4-20 X .375	
21	35991GT	NUT,WELD 1/4-20, PLATED L.L.**	
22	57809GT	PLATE, LIMIT SWITCH ROLL GR	1
		QS-12, QS-15	

302.3 Number 2 Column Assembly



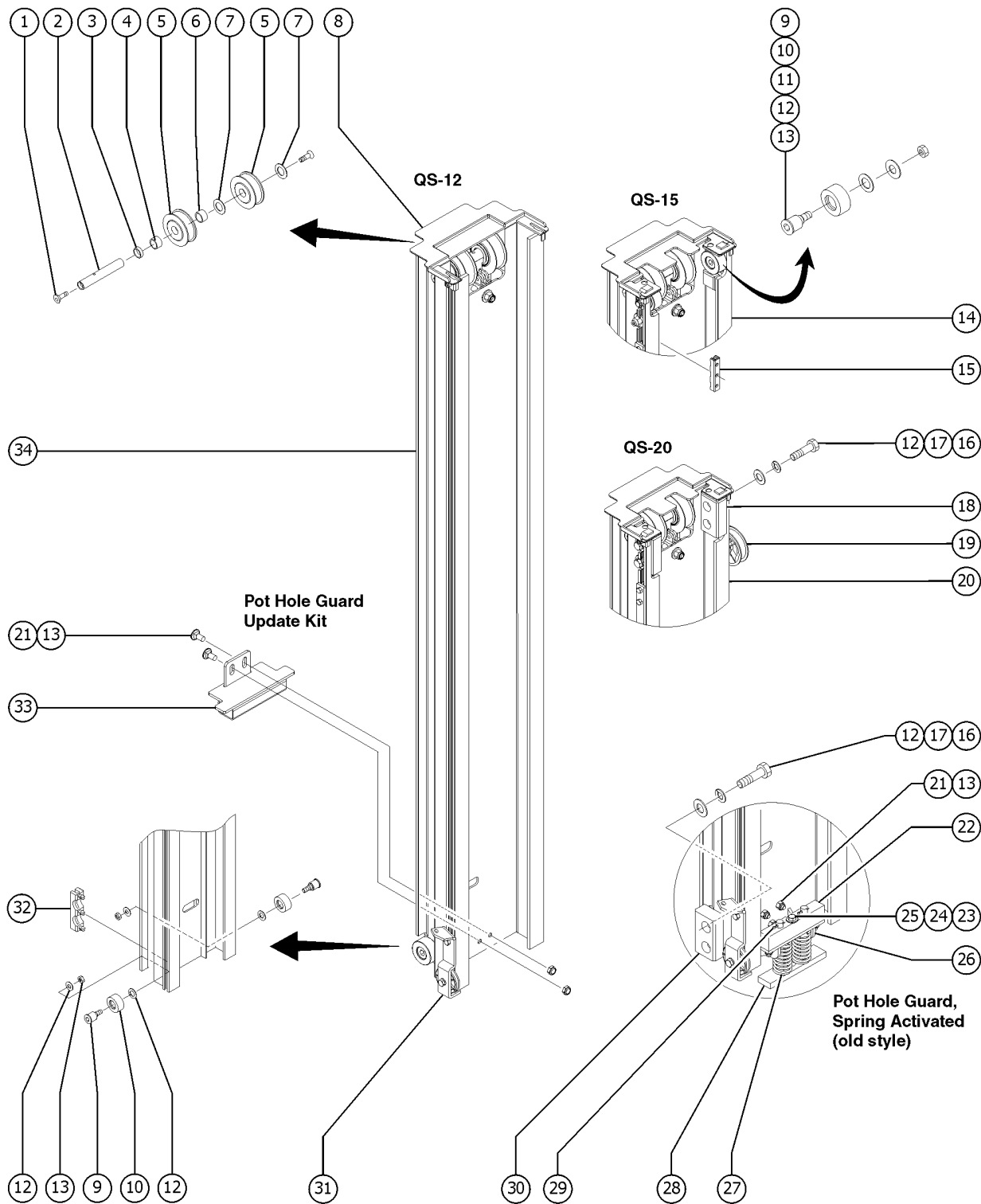
Item	Part No.	Description	Qty.
1	45425GT	SCREW,FHS,3/8-16 X .75	
2B	35707GT	SHAFT,LIFTING CHAINS,20MM DIA. QS-20	4
3	38709GT	WASHER,SHIM,.938 X 1.37 X .048	
4	38447GT	PULLEY W/BEARINGS	2
5		Ref. Mast Cover, Column Number 2 (refer to 311.1)	
6	6175GT	SCREW,HHC,3/8-16 X 1	
7	6021GT	WASHER, LOCK, .375	
8	6097GT	WASHER, FLAT, USS, 3/8", Y	
9	100379GT	BLOCK, MAST SLIDER, GR20	16
10		Ref. Upper Slider Block	
11	38011GT	SHIM,SIDE PAD	4
12		Ref. Control Cable Pulley	
13	100381GT	COL 2 MACHINED, 72.5	1
15		Ref. Pulley Bracket	
16		Ref. Roller	
17	35706GT	BOLT,ROLLER,.470"(SHORT)	
18	7713GT	NUT, LP NYLOCK, 3/8-16	
20	11808GT	SCREW,HHC,1/4-20 X .375	
21	35991GT	NUT,WELD 1/4-20, PLATED L.L.**	
22A	100858GT	FORMING, LIMIT SWITCH ROLL	

303.1 Number 3 Column Assembly



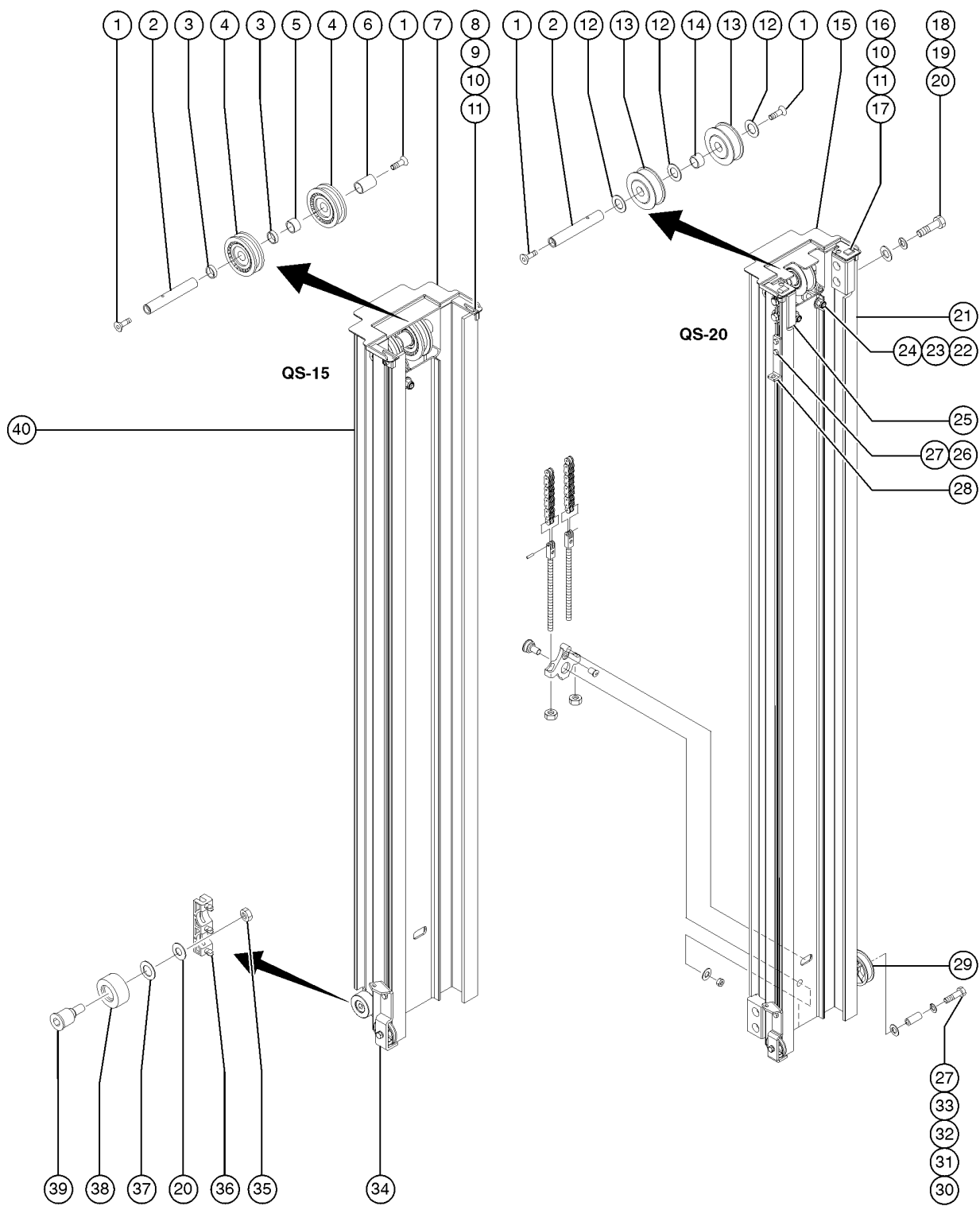
Item	Part No.	Description	Qty.
1	45425GT	SCREW,FHS,3/8-16 X .75	
2A	35707GT	SHAFT,LIFTING CHAINS,20MM DIA. QS-12	2
2B	35707GT	SHAFT,LIFTING CHAINS,20MM DIA. QS-15	3
2C	35709GT	BLOCK,SLIDE,UPPER QS-20	4
3A	35722GT	SPACER,SHAFT,,310 QS-12	1
3B	35722GT	SPACER,SHAFT,,310 QS-15 & QS-20	2
4	35711GT	SPACER,SHAFT,,840"LG QS-12 & QS-15	2
5	38447GT	PULLEY W/BEARINGS	2
6	38316GT	SPACER,,.560 AWP MAST	1
7	38709GT	WASHER,SHIM,,.938 X 1.37 X .048	
8		Ref. Mast Cover, Column Number 3 (refer to 311.1)	
9	35706GT	BOLT,ROLLER,.470"(SHORT)	
10		Ref. Roller (refer to 301.1)	
11	6052GT	WASHER,SHIM,,.5 X .875 X .063	
12	6097GT	WASHER, FLAT, USS, 3/8", Y	
13	7713GT	NUT, LP NYLOCK, 3/8-16	
14	100713GT	COLUMN #3 MACHINED, 57	1
15		Ref. Upper Slide Block (refer to 301.1)	
16	6175GT	SCREW,HHC,3/8-16 X 1	
17	6021GT	WASHER, LOCK, .375	
18		Ref. Mast Slider Block (refer to 302.1)	
19		Ref. Control Cable Pulley (refer to 312.1 & 313.1)	
20	100382GT	COL 3 MACHINED, 72.5 QS-20	1
21	101718GT	BOLT,CARRIAGE,3/8-16 X .75,G2	
22	100942GT	BLOCK, PH ACTUATOR GUIDE (to SN QS15-2354)	1
23	6637GT	SCREW,HHC,1/4-20 X 1.75 (to SN QS15-2354)	
24	6638GT	WASHER, FLAT, USS, 1/4"Y (to SN QS15-2354)	
25	6091GT	NUT, NYLOCK, 1/4-20 (to SN QS15-2354)	

303.1 Number 3 Column Assembly



<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
26	1257714GT	WELDMENT, PHG ACTUATOR (to SN QS15-2354)	1
27	235340GT	SPRING, COMPRESSION (to SN QS15-2354)	2
28	100673GT	WELDMENT, PH ACTUATOR (to SN QS15-2354)	1
29	12016GT	PIN, COTTER, .125 X .75 (to SN QS15-2354)	
30		Ref. Mast Slider Block (refer to 302.1)	
31		Ref. Pulley Bracket (refer to 310.1)	
32		Ref. Lower Slide Block (refer to 302.1)	
33A	1257714GT	WELDMENT, PHG ACTUATOR (from SN QS15-2355)	1
33B	1260891GT	KIT, GR PHG REPLACEMENT (to SN QS15-2354) (update kit)	1
34	100714GT	COLUMN #5 MACHINED, 57 GR-12	1

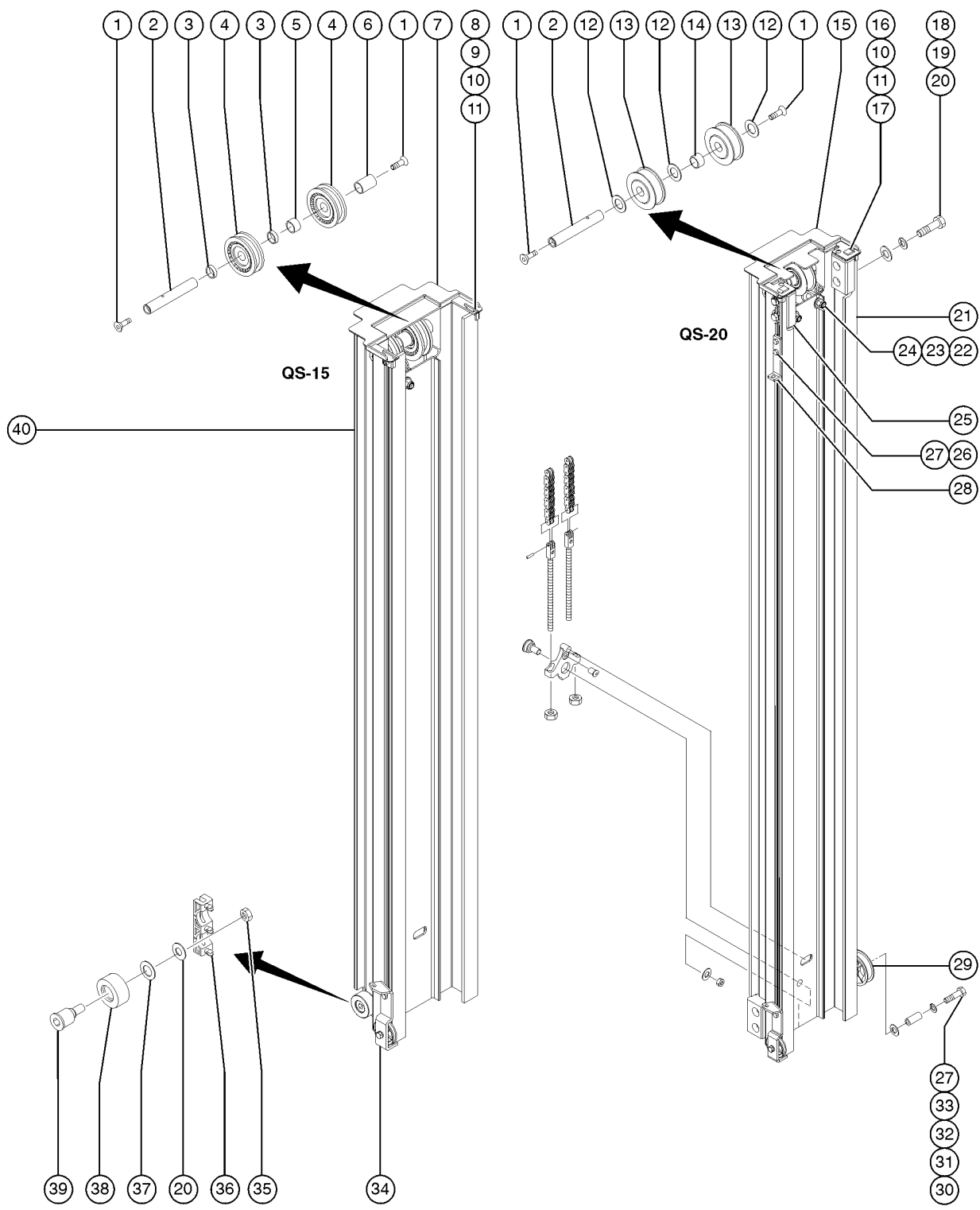
304.1 Number 4 Column Assembly; QS-15, QS-20



304.1 Number 4 Column Assembly; QS-15, QS-20

Item	Part No.	Description	Qty.
1	45425GT	SCREW,FHS,3/8-16 X .75	
2	35707GT	SHAFT,LIFTING CHAINS,20MM DIA.	1
3	35722GT	SPACER,SHAFT,.310	
4	35715GT	PULLEY,SMALL CHAIN	2
5	35711GT	SPACER,SHAFT,.840"LG	
6	37686GT	SPACER,SHAFT,1.400	
7		Ref. Mast Cover, Number 4 Column (refer to 311.1)	
8	57264GT	NUT, 1/4-20 T	
9	109500GT	PLATE, MAST FLAP CLAMP, 5-6	2
10	40004GT	SCREW,SHC,1/4-20 X .375 BLK	
11	41055GT	WASHER,T-SLOT	
12	38709GT	WASHER,SHIM,.938 X 1.37 X .048	
13	38447GT	PULLEY W/BEARINGS	2
14	38316GT	SPACER,.560 AWP MAST	
15		Ref. Mast Cover, Number 4 Column (refer to 311.1)	
16		Ref. Mast Flap Clamp (refer to 301.1)	
17	38730GT	NUT,WELD,ANGLE,1/4" T-SLOT	2
18	6175GT	SCREW,HHC,3/8-16 X 1	
19	6021GT	WASHER, LOCK, .375	
20	6097GT	WASHER, FLAT, USS, 3/8", Y	
22	4828GT	NUT, NYLOCK, 3/8-16	
23	5397GT	WASHER, FLAT, USS, 5/16-18	
24	35714GT	SCREW,FHS,3/8-16 X 2.25	
25		Ref. Mast Slider Block (refer to 303.1)	
26	7339GT	SCREW,HHC,1/4-20 X .5	
27	35991GT	NUT,WELD 1/4-20, PLATED L.L.**	
28		Ref. Upper Sequencing Bracket (refer to 301.1)	
29		Ref. Control Cable Pulley (refer to 312.1 and 313.1)	

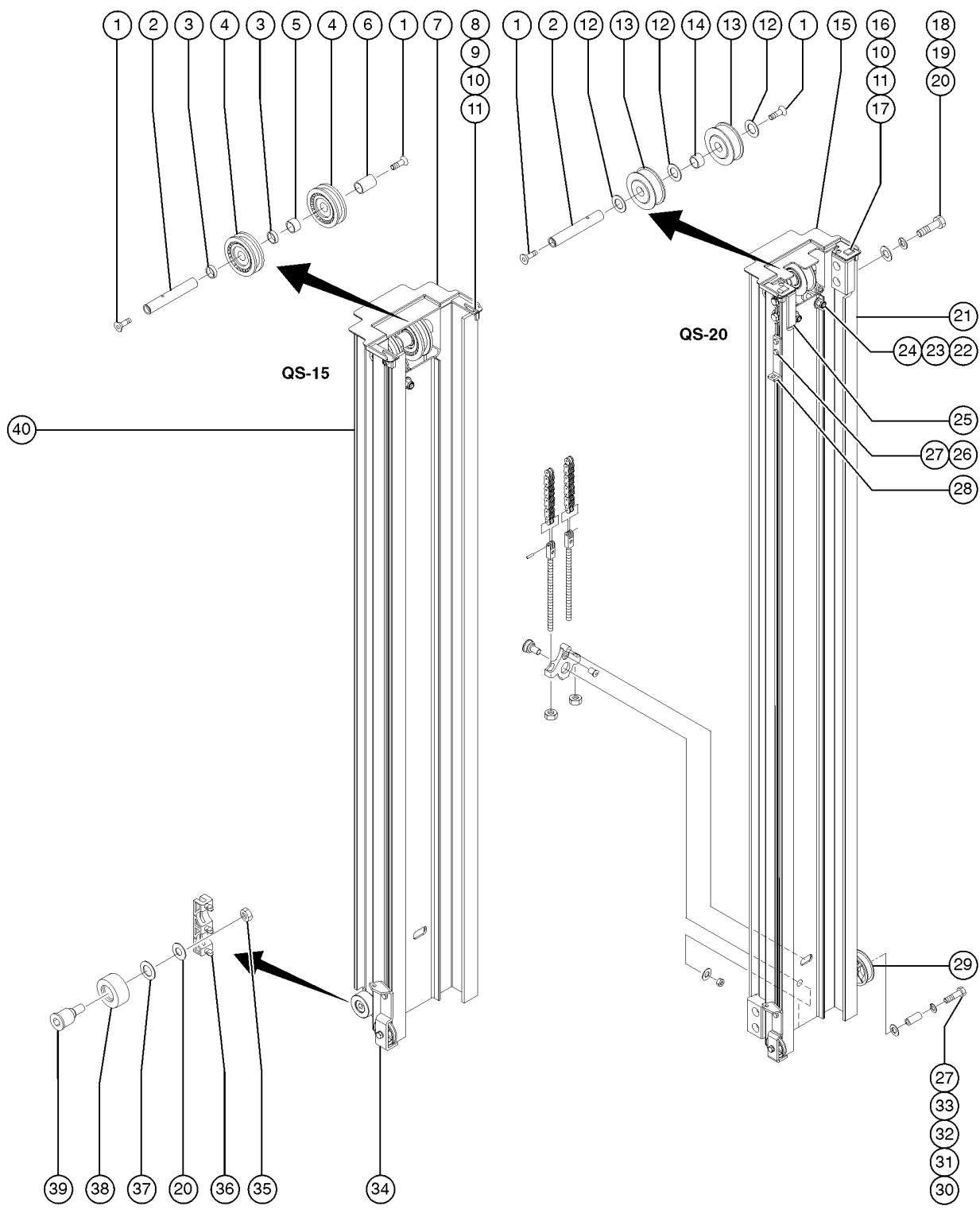
304.1 Number 4 Column Assembly; QS-15, QS-20



304.1 Number 4 Column Assembly; QS-15, QS-20

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
30	8915GT	SCREW, HHC, 1/4-20 X 1.25	
31	25926GT	WASHER, FLAT, M6 PLTD.	
32	40735GT	SPACER, 1/4ID3/8OD, .875LG	
33	22699GT	WASHER, FLAT, M10, ZINC PLTD.	
34		Ref. Pulley Bracket	
		(refer to 310.1)	
35	7713GT	NUT, LP NYLOCK, 3/8-16	
36		Ref. Lower Slide Block	
		(refer to 302.1)	
37	6052GT	WASHER, SHIM, .5 X .875 X .063	
38		Ref. Roller, GR-15	
		(refer to 301.1)	
39	35706GT	BOLT, ROLLER, .470"(SHORT)	
40	100715GT	COLUMN #6 MACHINED, 57	
		QS-15	

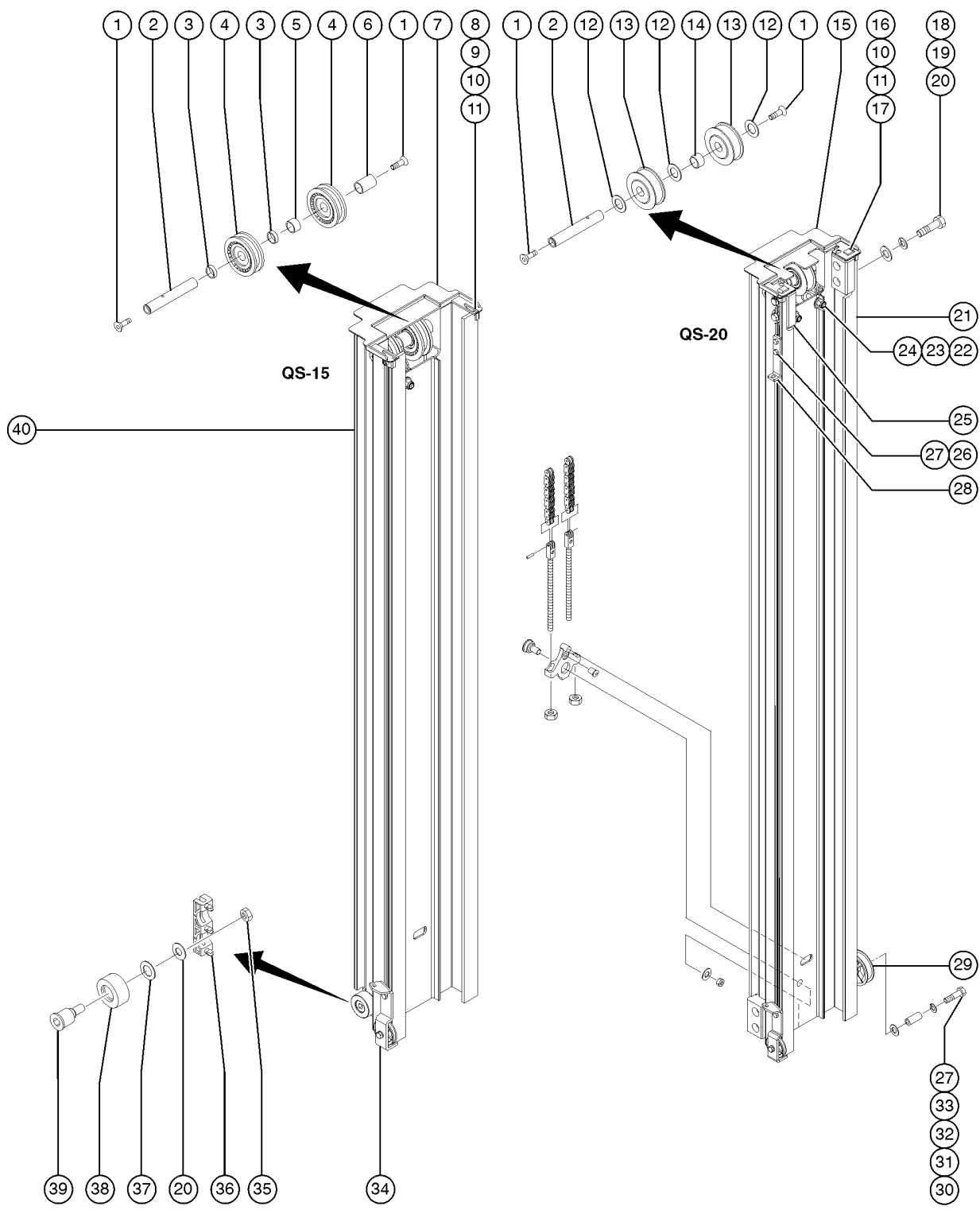
304.2 Number 4 Column Assembly; QS-15, QS-20



304.2 Number 4 Column Assembly; QS-15, QS-20

Item	Part No.	Description	Qty.
1	45425GT	SCREW,FHS,3/8-16 X .75	
2	35707GT	SHAFT,LIFTING CHAINS,20MM DIA.	1
3	35722GT	SPACER,SHAFT,.310	
4	35715GT	PULLEY,SMALL CHAIN	2
5	35711GT	SPACER,SHAFT,.840"LG	
6	37686GT	SPACER,SHAFT,1.400	
7		Ref. Mast Cover, Number 4 Column (refer to 311.1)	
8	57264GT	NUT, 1/4-20 T	
9	109500GT	PLATE, MAST FLAP CLAMP, 5-6	2
10	40004GT	SCREW,SHC,1/4-20 X .375 BLK	
11	41055GT	WASHER,T-SLOT	
12	38709GT	WASHER,SHIM,.938 X 1.37 X .048	
13	38447GT	PULLEY W/BEARINGS	2
14	38316GT	SPACER,.560 AWP MAST	
15		Ref. Mast Cover, Number 4 Column (refer to 311.1)	
16		Ref. Mast Flap Clamp (refer to 301.1)	
17	38730GT	NUT,WELD,ANGLE,1/4" T-SLOT	2
18	6175GT	SCREW,HHC,3/8-16 X 1	
19	6021GT	WASHER, LOCK, .375	
20	6097GT	WASHER, FLAT, USS, 3/8", Y	
21	100383GT	COL 4 MACHINED, 72.5	1
22	4828GT	NUT, NYLOCK, 3/8-16	
23	5397GT	WASHER, FLAT, USS, 5/16-18	
24	35714GT	SCREW,FHS,3/8-16 X 2.25	
25		Ref. Mast Slider Block (refer to 303.1)	
26	7339GT	SCREW,HHC,1/4-20 X .5	
27	35991GT	NUT,WELD 1/4-20, PLATED L.L.**	
28		Ref. Upper Sequencing Bracket (refer to 301.1)	

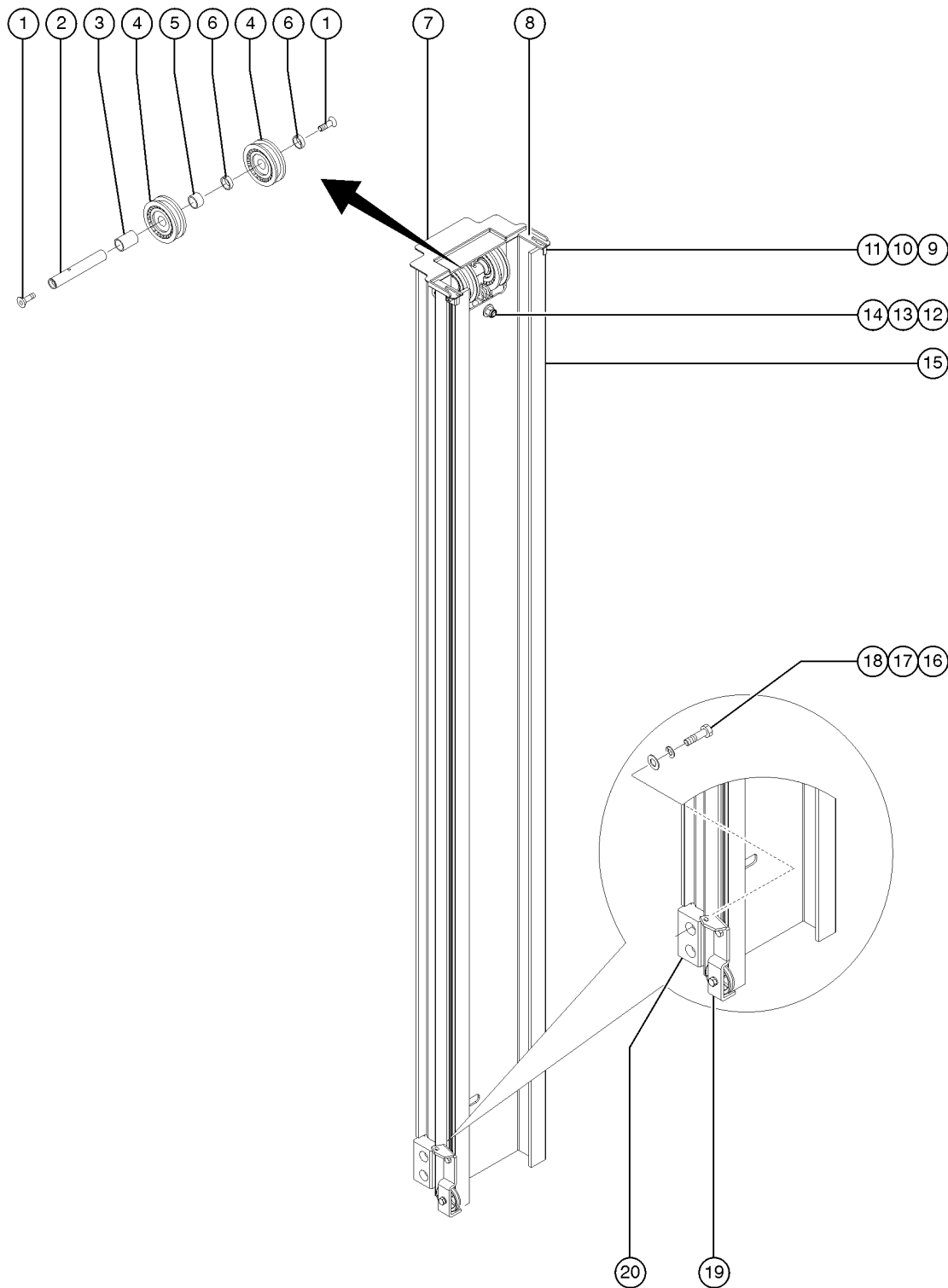
304.2 Number 4 Column Assembly; QS-15, QS-20



304.2 Number 4 Column Assembly; QS-15, QS-20

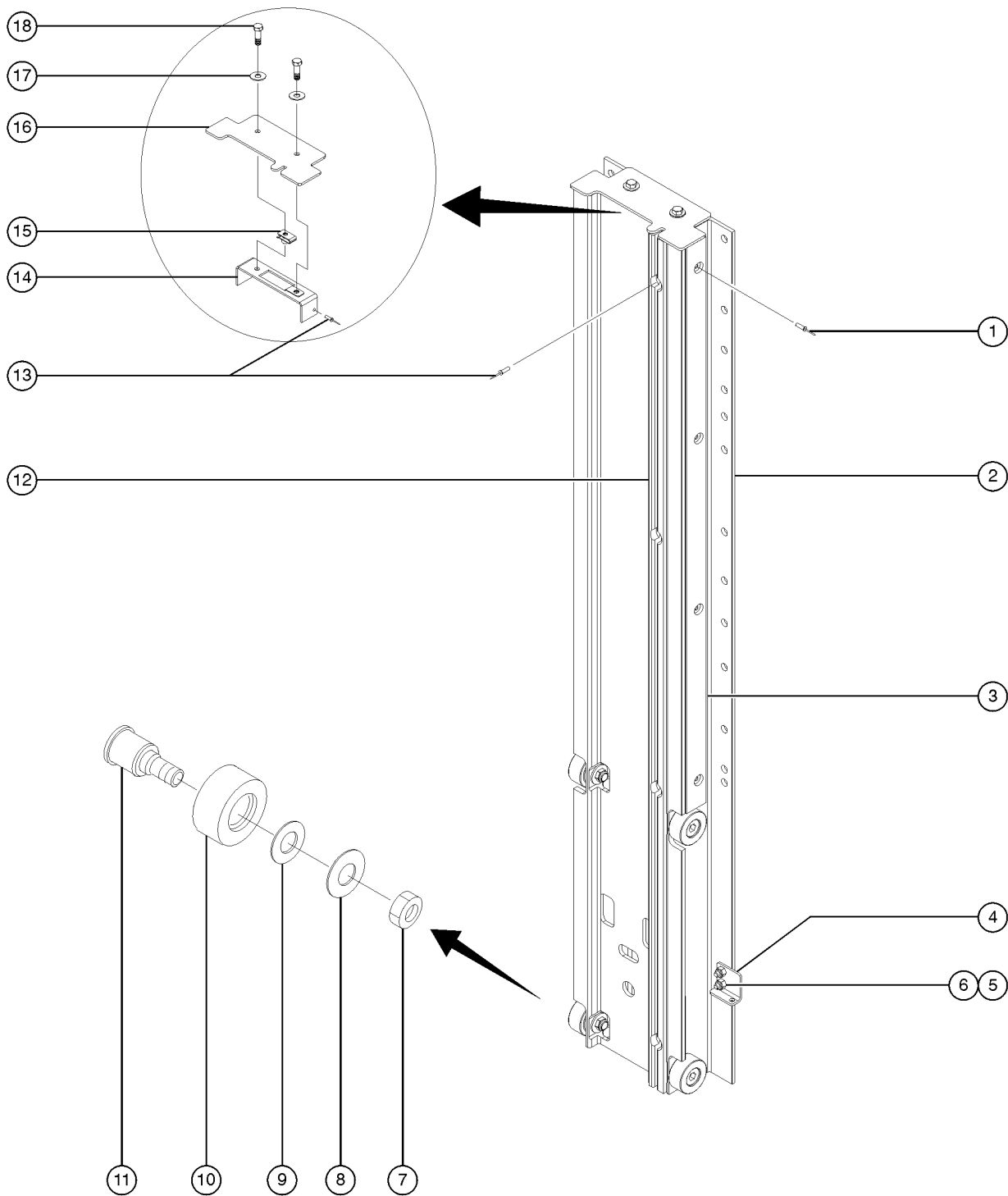
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
29		Ref. Control Cable Pulley (refer to 312.1 and 313.1)	
30	8915GT	SCREW, HHC, 1/4-20 X 1.25	
31	25926GT	WASHER, FLAT, M6 PLTD.	
32	40735GT	SPACER, 1/4ID3/8OD, .875LG	
33	22699GT	WASHER, FLAT, M10, ZINC PLTD.	
34		Ref. Pulley Bracket (refer to 310.1)	
35	7713GT	NUT, LP NYLOCK, 3/8-16	
36		Ref. Lower Slide Block (refer to 302.1)	
37	6052GT	WASHER, SHIM, .5 X .875 X .063	
38		Ref. Roller, GR-15 (refer to 301.1)	
39	35706GT	BOLT, ROLLER, .470"(SHORT)	

305.1 Number 5 Column Assembly; QS-20



<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	45425GT	SCREW,FHS,3/8-16 X .75	
2	35707GT	SHAFT,LIFTING CHAINS,20MM DIA.	1
3	37686GT	SPACER,SHAFT,1.400	
4	35715GT	PULLEY,SMALL CHAIN	2
5	35711GT	SPACER,SHAFT,.840"LG	
6	35722GT	SPACER,SHAFT,.310	
7		Ref. Mast Cover, Column Number 5 (refer to 311.1)	
8	109500GT	PLATE, MAST FLAP CLAMP, 5-6	2
9	40004GT	SCREW,SHC,1/4-20 X .375 BLK	
10	41055GT	WASHER,T-SLOT	
11	57264GT	NUT, 1/4-20 T	
12	4828GT	NUT, NYLOCK, 3/8-16	
13	5397GT	WASHER, FLAT, USS, 5/16-18	
14	35714GT	SCREW,FHS,3/8-16 X 2.25	
15	100384GT	COL 5 MACHINED, 72.5	1
16	6175GT	SCREW,HHC,3/8-16 X 1	
17	6021GT	WASHER, LOCK, .375	
18	6097GT	WASHER, FLAT, USS, 3/8", Y	
19	100386GT	FORMING, PULLEY BRKT	
20	100379GT	BLOCK, MAST SLIDER, GR20	

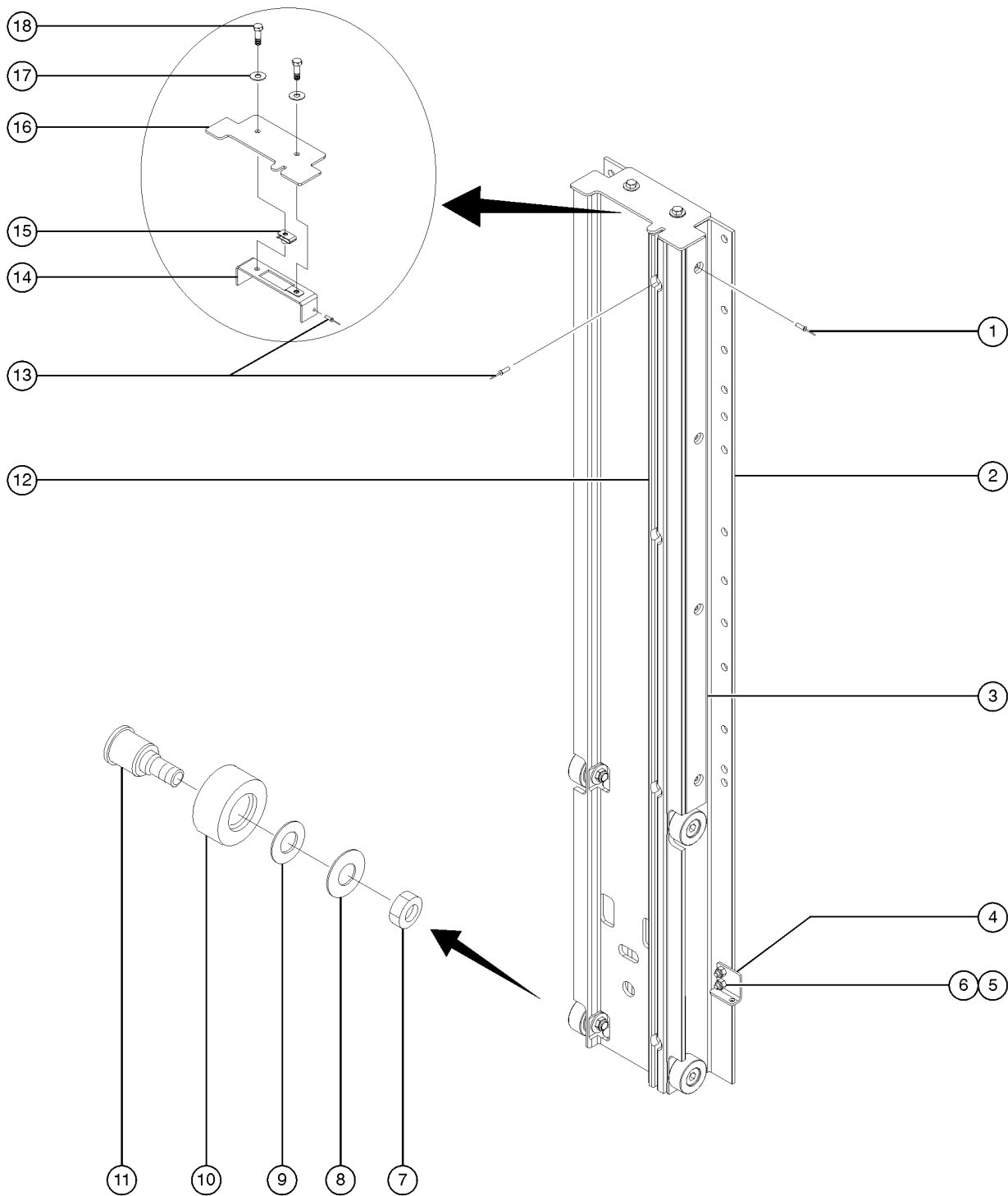
306.1 Carriage Assembly



306.1 Carriage Assembly

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	8920GT	RIVET,ALUM,ALUM,P,.156 X .375	
2	100745GT	CARRIAGE, 4 & 6 COLUMN	1
2B-		Ref. Carriage Sequencing Cable Assembly	
		(refer to 310.1)	
3	57195GT	GUIDE, SLIDER CARRIAGE	2
4	35734GT	FORMING, SEQUENCING, CARR, ZN	1
5	6091GT	NUT, NYLOCK, 1/4-20	
6	6090GT	SCREW, HHC, 1/4-20 X .75	
7	7713GT	NUT, LP NYLOCK, 3/8-16	
8	6097GT	WASHER, FLAT, USS, 3/8", Y	
9	6052GT	WASHER,SHIM,.5 X .875 X .063	
10		Ref. Roller (refer to 301.1)	
11	35706GT	BOLT,ROLLER,.470"(SHORT)	
12	38005GT	SLIDE BLOCK,CARRIAGE%%	1
13	69855GT	RIVET,ALUM,ALUM,.25 X 1.125 AL	
14	100777GT	FORMING, CARRIAGE FLAP MOUNT	1
15	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
16	100752GT	COVER, CARRIAGE	1
17	6638GT	WASHER, FLAT, USS, 1/4"Y	
18	6888GT	SCREW, HHC, 1/4-20 X 1	

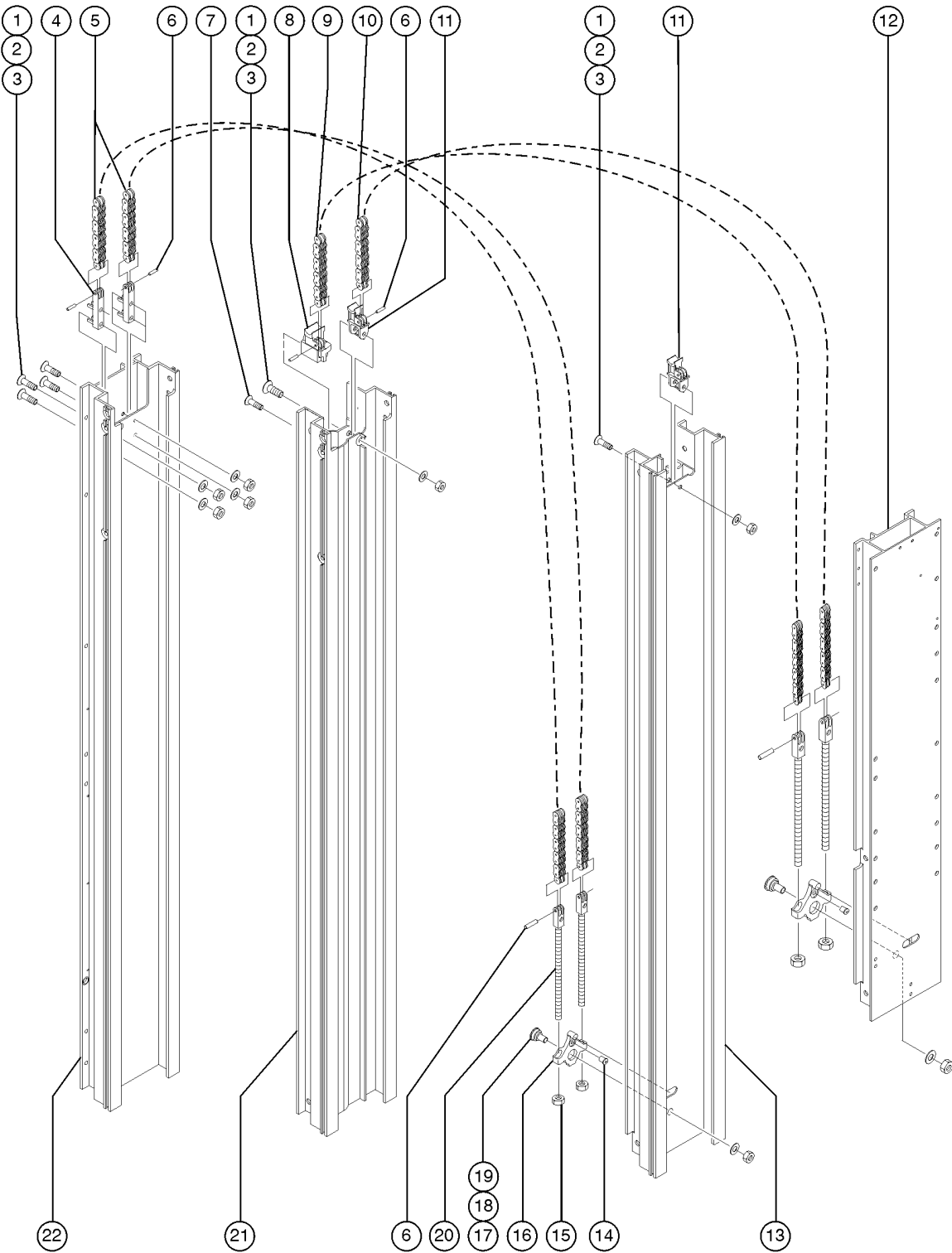
306.2 Carriage Assembly



306.2 Carriage Assembly

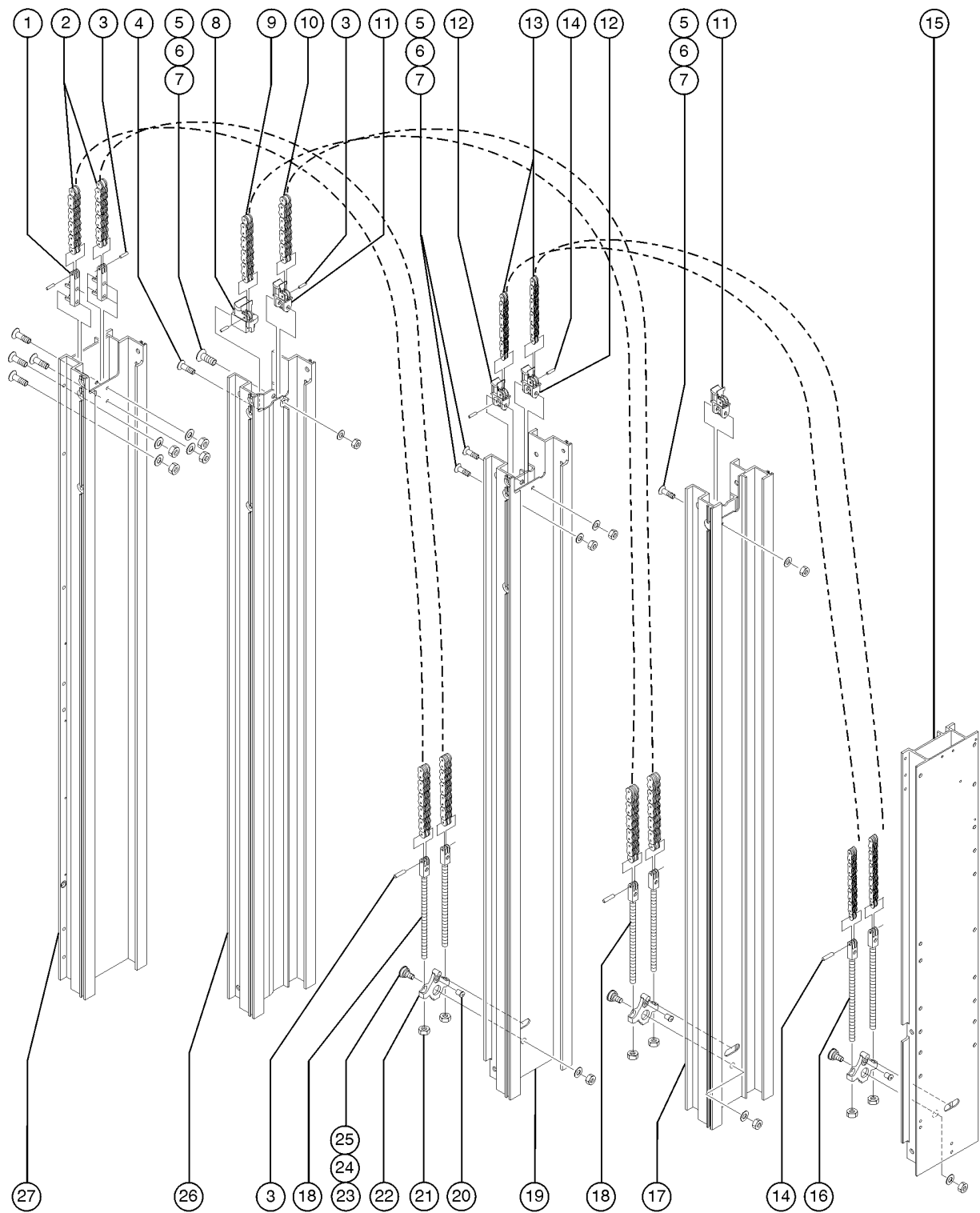
Item	Part No.	Description	Qty.
1	8920GT	RIVET,ALUM,ALUM,P,.156 X .375	
2A	100744GT	CARRIAGE, 3 & 5 COLUMN	
		QS-15, QS-20	
2B-		Ref. Carriage Sequencing Cable Assembly	
		(refer to 310.1)	
3	57195GT	GUIDE, SLIDER CARRIAGE	2
4	35734GT	FORMING, SEQUENCING, CARR, ZN	1
5	6091GT	NUT, NYLOCK, 1/4-20	
6	6090GT	SCREW, HHC, 1/4-20 X .75	
7	7713GT	NUT, LP NYLOCK, 3/8-16	
8	6097GT	WASHER, FLAT, USS, 3/8", Y	
9	6052GT	WASHER,SHIM,.5 X .875 X .063	
10		Ref. Roller (refer to 301.1)	
11	35706GT	BOLT,ROLLER,.470"(SHORT)	
12	38005GT	SLIDE BLOCK,CARRIAGE%%	1
13	69855GT	RIVET,ALUM,ALUM,.25 X 1.125 AL	
14	100777GT	FORMING, CARRIAGE FLAP MOUNT	1
15	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
16	100752GT	COVER, CARRIAGE	1
17	6638GT	WASHER, FLAT, USS, 1/4"Y	
18	6888GT	SCREW, HHC, 1/4-20 X 1	

307.1 Lifting Chain Assembly, QS-12



Item	Part No.	Description	Qty.
1	35714GT	SCREW,FHS,3/8-16 X 2.25	
2	5397GT	WASHER, FLAT, USS, 5/16-18	
3	4828GT	NUT, NYLOCK, 3/8-16	
4	35699GT	CHAIN TERMINAL CASTING,#1	2
5	40550GT	CHAIN ASSY#1,57"COL. S-SERIES	2
		(includes items 4 and 20)	
5-	41247GT	CHAIN,STD.LEAF(LG)53.5"S-SERIE	
		SUPERSEDE; USE UNTIL EXHAUSTED	
5A-	35704-5313GT	CHAIN,STD.LEAF AL544,53.13"	
		REPLACES 41247	
6	6534GT	PIN,GROOVED- .200 X .75*	8
7	40945GT	SCREW,FHS,1/4-20 X 2.25	
8	35697GT	CHAIN TERM,CLEVIS CYL.,ZINC	1
9	41246GT	CHAIN ASSY.#2 COL. (CYLINDER)	1
		(includes items 8 and 20)	
9-	41247GT	CHAIN,STD.LEAF(LG)53.5"S-SERIE	
		SUPERSEDE; USE UNTIL EXHAUSTED	
9A-	35704-5313GT	CHAIN,STD.LEAF AL544,53.13"	
		REPLACES 41247	
10	41248GT	CHAIN ASSY. #2 COL.CWP/SP	1
		(includes items 11 and 20)	
10-	41247GT	CHAIN,STD.LEAF(LG)53.5"S-SERIE	
		SUPERSEDE; USE UNTIL EXHAUSTED	
10A-	35704-5313GT	CHAIN,STD.LEAF AL544,53.13"	
		REPLACES 41247	
11	35695GT	CHAIN TERM,PULLEY SUPORT-ZINC	2
		(double slot)	
12		Ref. Carriage	
		(refer to 306.1)	
13		Ref. Number 3 Column	
		(refer to 303.1)	
14	11890GT	GLIDE BUTTON,SIDE,GLL.,100 TK	2
15	35712GT	NUT,NYLOCK,3/8-24	
16	35698GT	CHAIN TENSION ROCKER CAST.ZINC	2
17	35705GT	BOLT-ROCKER, S-SERIES	
18	6095GT	WASHER,FLAT,USS,1/2",Y	
19	6086GT	NUT,LP NYLOCK,1/2-13	
20	38187GT	CHAIN TERM.LWR.SS(2 SLOT)*	4
		(includes item 6)	
21		Ref. Number 2 Column	
		(refer to 302.1)	
22		Ref. Number 1 Column	
		(refer to 301.1)	

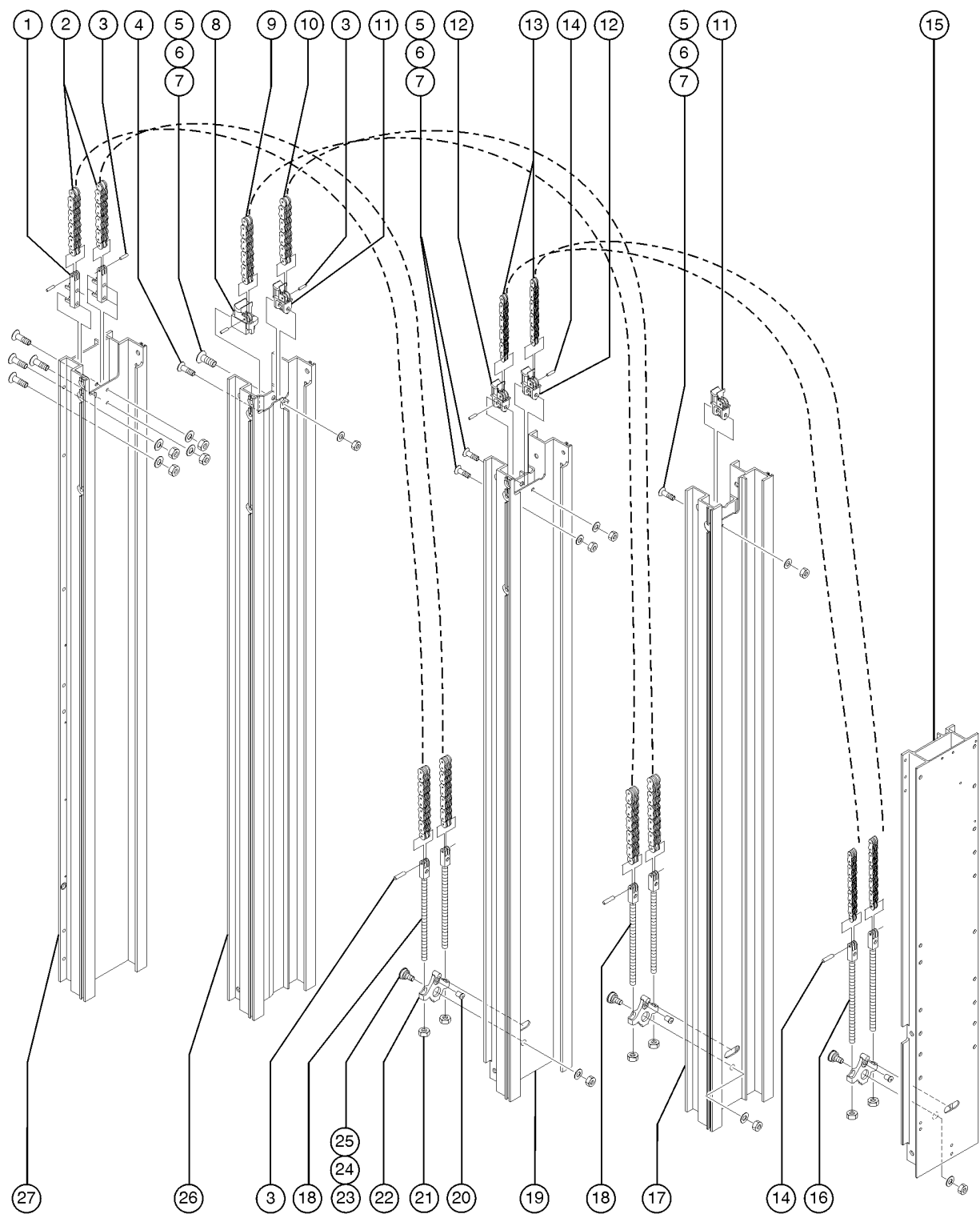
308.1 Lifting Chain Assembly, QS-15



308.1 Lifting Chain Assembly, QS-15

Item	Part No.	Description	Qty.
1	35699GT	CHAIN TERMINAL CASTING,#1	2
2	40550GT	CHAIN ASSY#1,57"COL. S-SERIES	2
		(includes items 1 and 18)	
3	6534GT	PIN,GROOVED-.200 X .75*	8
4	40945GT	SCREW,FHS,1/4-20 X 2.25	
5	35714GT	SCREW,FHS,3/8-16 X 2.25	
6	5397GT	WASHER, FLAT, USS, 5/16-18	
7	4828GT	NUT, NYLOCK, 3/8-16	
8	35697GT	CHAIN TERM,CLEVIS CYL.,ZINC	1
9	41246GT	CHAIN ASSY.#2 COL. (CYLINDER)	1
		(includes items 8 and 18)	
10	41248GT	CHAIN ASSY. #2 COL.CWP/SP	1
		(includes items 11 and 18)	
10-	41247GT	CHAIN,STD.LEAF(LG)53.5"S-SERIE	
		SUPERSEDE; USE UNTIL EXHAUSTED	
10A-	35704-5313GT	CHAIN,STD.LEAF AL544,53.13"	
		REPLACES 41247	
11	35695GT	CHAIN TERM,PULLEY SUPORT-ZINC	2
		(double slot)	
12	38980GT	CHAIN TERM,PULLEY SUPPORT-ZNC	2
		(single slot)	
13	41250GT	CHAIN ASSY.SMALL CHAIN CWP/SP	2
		(includes items 12 and 14)	
13-	41249GT	CHAIN,SMALL,53.5"	
		(53.5 inches)	
14	38986GT	PIN,GROOVED,.200 X .50*	4
15		Ref. Carriage	
		(refer to 306.1)	
16	41224GT	CHAIN TERM.LWR.SS(1 SLOT)	2
		(includes item 14)	
17		COLUMN #6, 57" SUPER SERIES**	
		(refer to 304.1) (replaced P/N 35752)	
18	38187GT	CHAIN TERM.LWR.SS(2 SLOT)*	4
		(includes item 3)	
19		Ref. Number 3 Column	
		(refer to 303.1)	
20	11890GT	GLIDE BUTTON,SIDE,GLL.,100 TK	3
21	35712GT	NUT,NYLOCK,3/8-24	
22	35698GT	CHAIN TENSION ROCKER CAST.ZINC	3
23	35705GT	BOLT-ROCKER, S-SERIES	3
24	6097GT	WASHER, FLAT, USS, 3/8", Y	
25	6086GT	NUT,LP NYLOCK,1/2-13	

308.1 Lifting Chain Assembly, QS-15

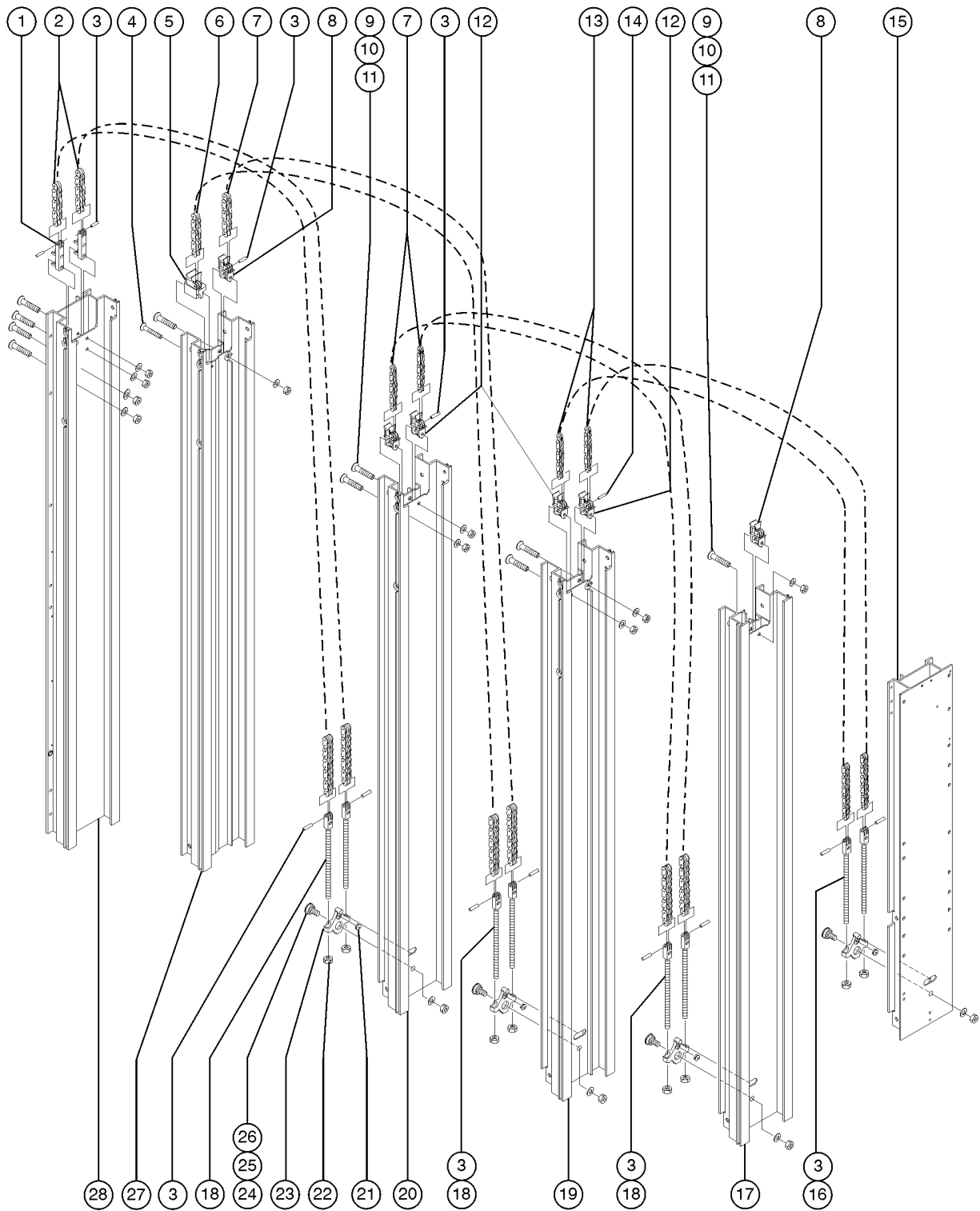


308.1 Lifting Chain Assembly, QS-15

Item	Part No.	Description	Qty.
26		Ref. Number 2 Column (refer to 302.1)	
27		Ref. Number 1 Column (refer to 301.1)	

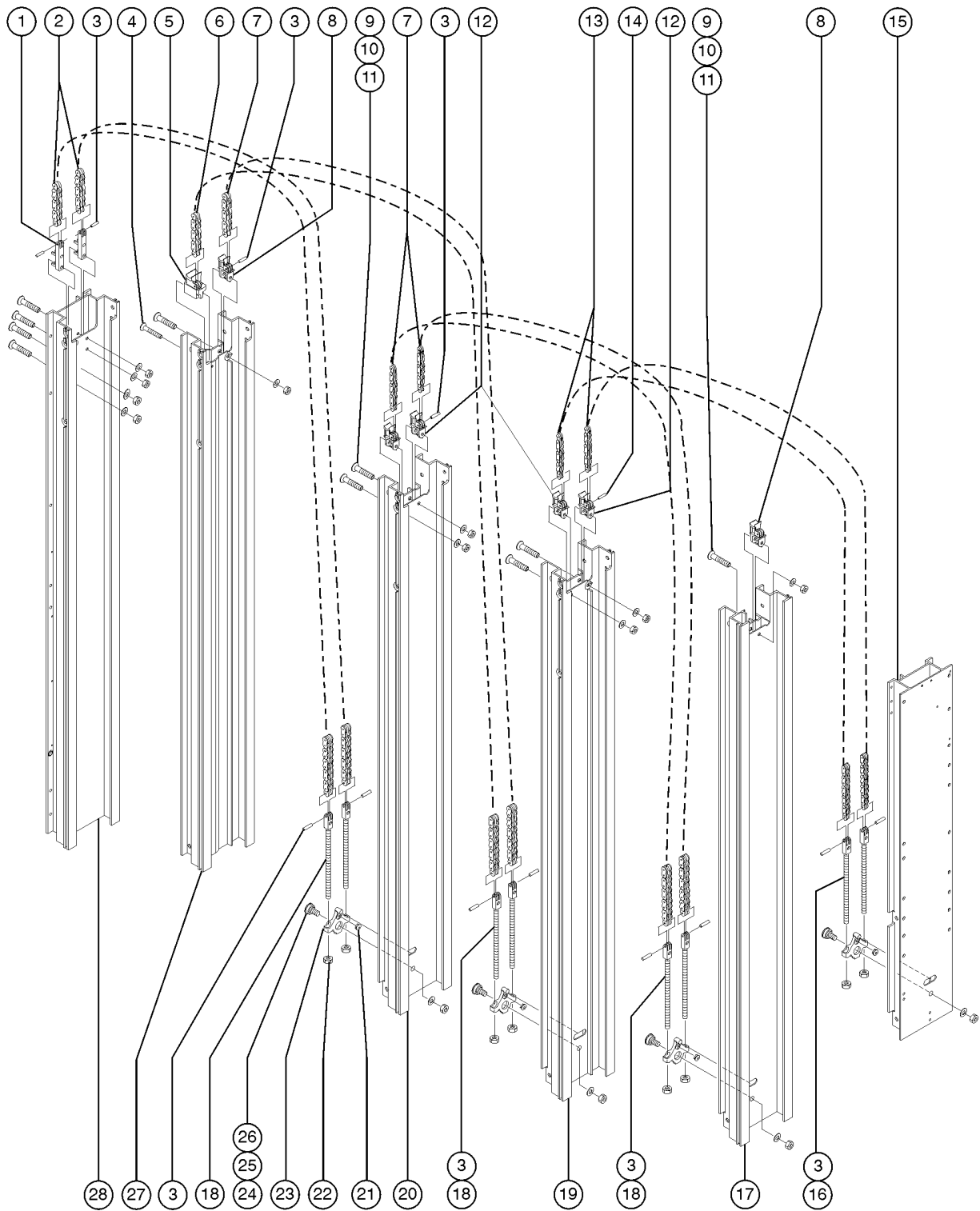


309.1 Lifting Chain Assembly, QS-20



Item	Part No.	Description	Qty.
1	35699GT	CHAIN TERMINAL CASTING,#1	2
2	37385GT	CHAIN ASSY#1,72.5"COL.S-SERIES	2
		(includes items 1 and 18)	
2-	35704-6813GT	CHAIN,STD.LEAF AL544,68.13"	
		(68.5 inches)	
3	6534GT	PIN,GROOVED- .200 X .75*	12
4	40945GT	SCREW,FHS,1/4-20 X 2.25	1
5	35697GT	CHAIN TERM,CLEVIS CYL.,ZINC	1
6	37384GT	CHAIN ASSY#2,72.5"COL.S-SERIES	1
		(includes items 5 and 18)	
6-	35704-6813GT	CHAIN,STD.LEAF AL544,68.13"	
		(68.5 inches)	
7	37386GT	CHAIN ASSY,72.5"COL. S-SERIES	3
		(includes items 8 and 18)	
7-	35704-6813GT	CHAIN,STD.LEAF AL544,68.13"	
		(68.5 inches)	
8	35695GT	CHAIN TERM,PULLEY SUPORT-ZINC	3
		(double slot)	
9	35714GT	SCREW,FHS,3/8-16 X 2.25	
10	5397GT	WASHER, FLAT, USS, 5/16-18	
11	4828GT	NUT, NYLOCK, 3/8-16	10
12	38980GT	CHAIN TERM,PULLEY SUPPORT-ZNC	2
		(single slot)	
13	37387GT	CHAIN ASSY,72.5COL.(SM)S-SERIE	2
		(includes items 12 and 16)	
13-	35703-6813GT	CHAIN,STD.LEAF AL522,68.13"	
		(68.5 inches)	
14	38986GT	PIN,GROOVED,.200 X .50*	4
15		Ref. Carriage	
		(refer to 306.1)	
16	41224GT	CHAIN TERM.LWR.SS(1 SLOT)	1
		(includes item 14)	
17		Ref. Number 5 Column	
		(refer to 305.1)	
18	38187GT	CHAIN TERM.LWR.SS(2 SLOT)*	8
		(includes item 3)	
19		Ref. Number 4 Column	
		(refer to 304.1)	
20		Ref. Number 3 Column	
		(refer to 303.1)	
21	11890GT	GLIDE BUTTON,SIDE,GLL,.100 TK	4
22	35712GT	NUT,NYLOCK,3/8-24	
23	35698GT	CHAIN TENSION ROCKER CAST.ZINC	4
24	35705GT	BOLT-ROCKER, S-SERIES	

309.1 Lifting Chain Assembly, QS-20

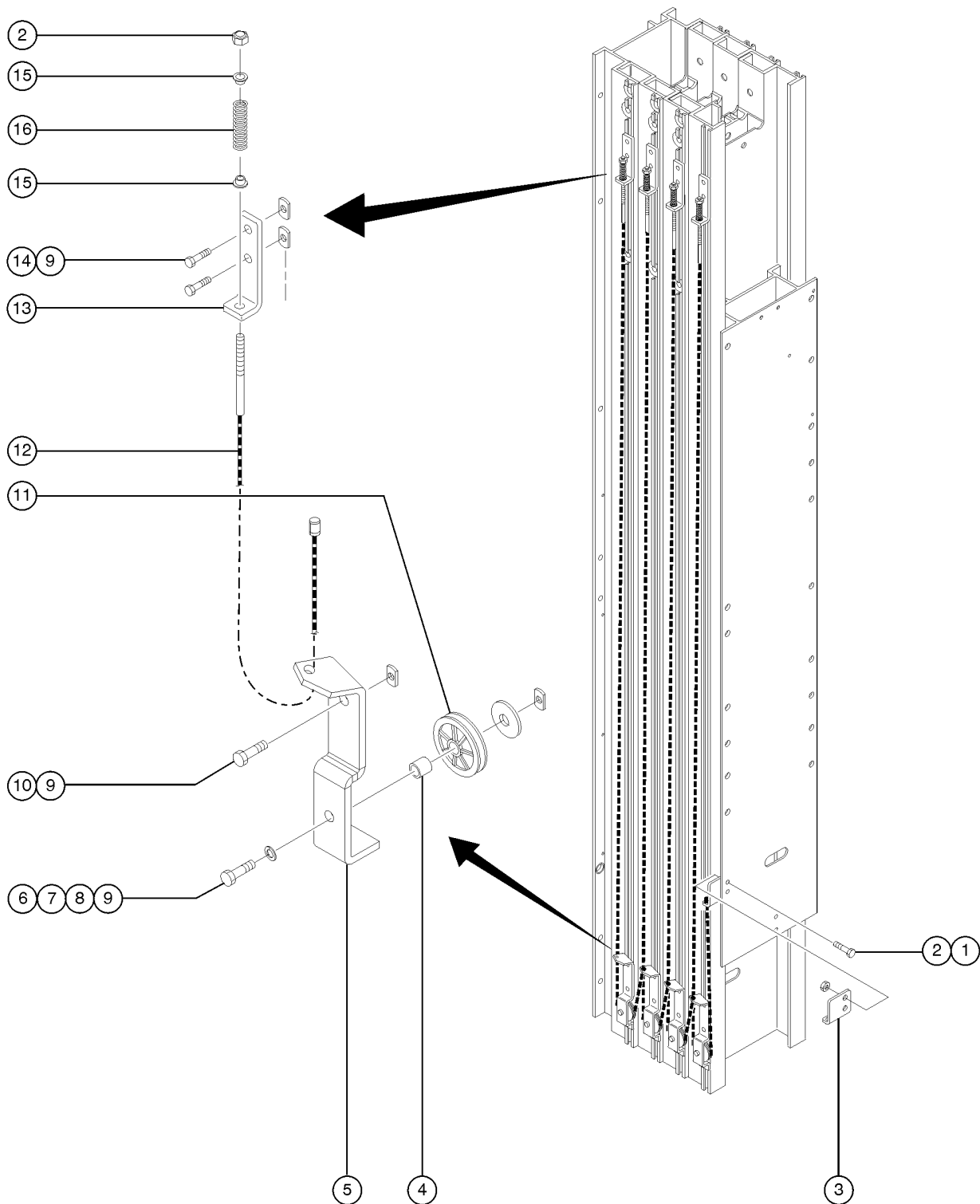


309.1 Lifting Chain Assembly, QS-20

Item	Part No.	Description	Qty.
25	6095GT	WASHER,FLAT,USS,1/2",Y	
26	6198GT	NUT, NYLOCK, 1/2-13	
27		Ref. Number 2 Column	
		(refer to 302.1)	
28		Ref. Number 1 Column	
		(refer to 301.1)	



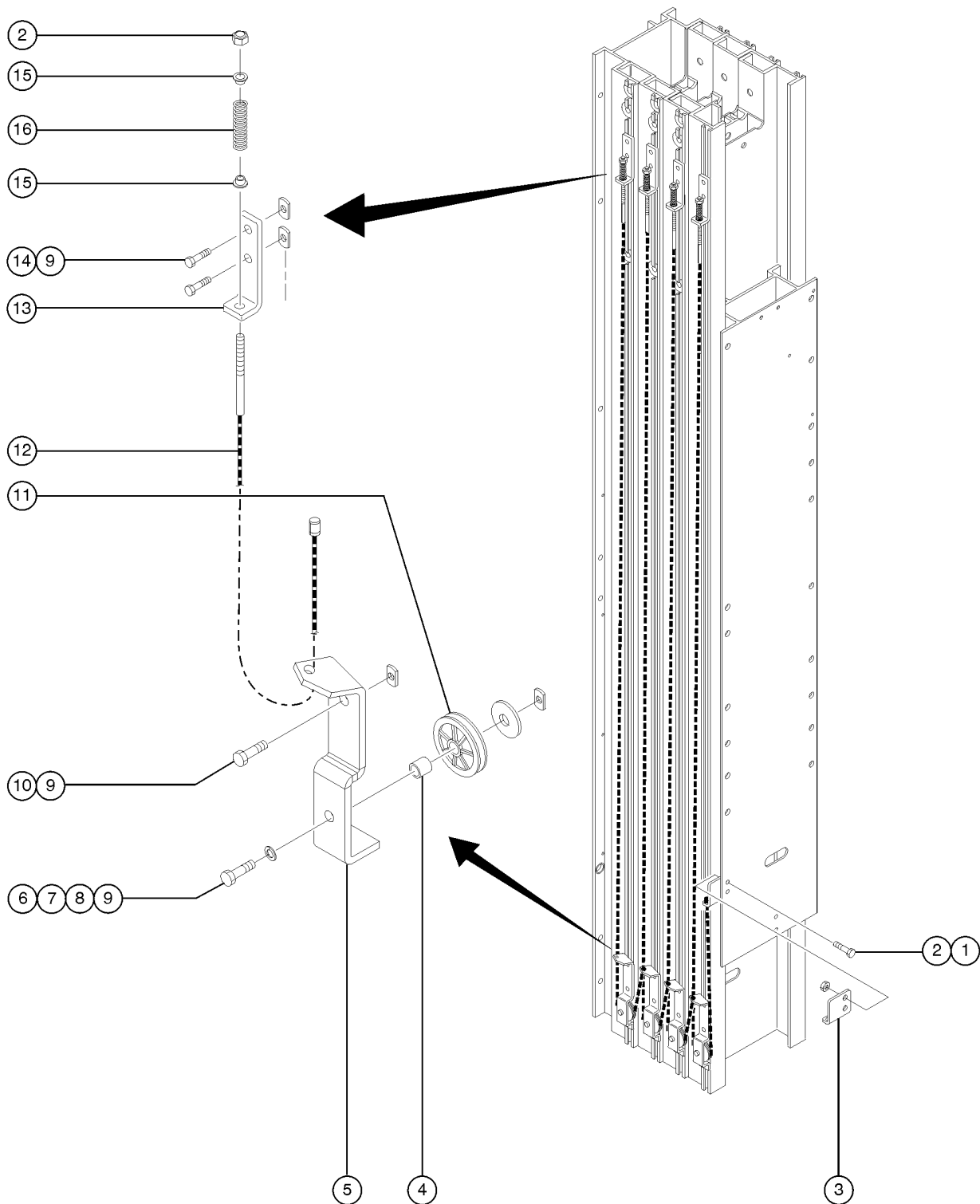
310.1 Sequencing Cable



310.1 Sequencing Cable

Item	Part No.	Description	Qty.
1	6090GT	SCREW, HHC, 1/4-20 X .75	
2	6091GT	NUT, NYLOCK, 1/4-20	
3	35734GT	FORMING, SEQUENCING, CARR, ZN	1
4	100905GT	SPACER,TUBE,1/4X3/8X.40" LG	2
	QS-12		
5	100386GT	FORMING, PULLEY BRKT	1
6	6888GT	SCREW, HHC, 1/4-20 X 1	
7	6356GT	WASHER, LOCK, .25	
8	12906GT	WASHER,FENDER,.25 X 1.25 X.062	
9	35991GT	NUT,WELD 1/4-20, PLATED L.L.**	
10	11808GT	SCREW,HHC,1/4-20 X .375	
11	35733GT	PULLEY,SEQUENCING,NYLATRON	2
	QS-12		
12	124081GT	CABLE ASSY,SEQ,MAST,GR12&15	1
	(includes item 13)		
12A	1322628GT	CABLE ASSY,SEQ,CARRIAG,GR12/15(SVC)	1
	GR-12, GR-15 (includes item 13), Replaces 58382GT		
13	57147GT	BRACKET,SEQUENCING,UPPER,ZI***	2
	QS-12		
14	7339GT	SCREW,HHC,1/4-20 X .5	
15	38234GT	BUSHING,FLANGE,3/8 OD X 1/4 ID	4
	QS-12		
16	8849GT	SPRING, TENSION CABLE	2
	QS-12		

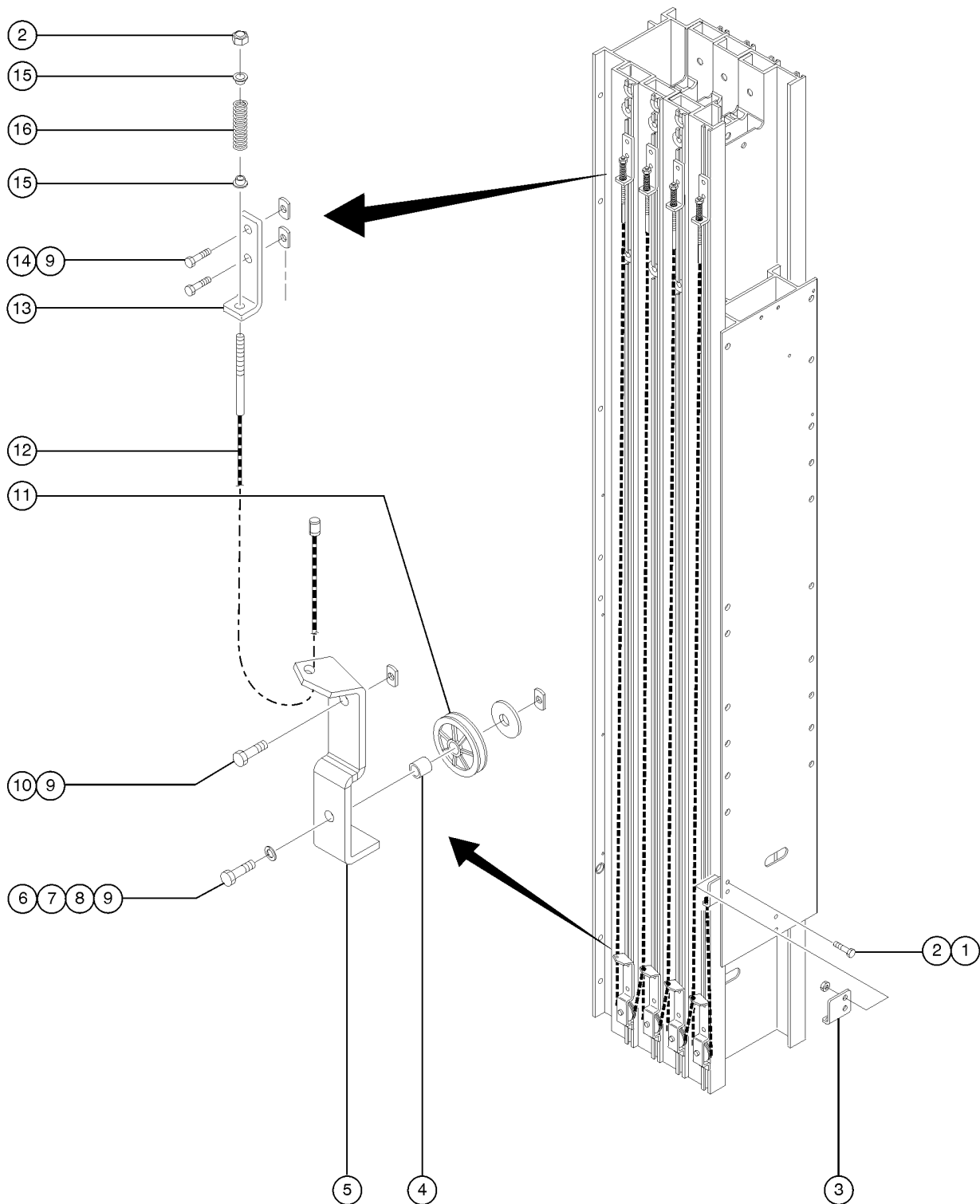
310.2 Sequencing Cable



310.2 Sequencing Cable

Item	Part No.	Description	Qty.
1	6090GT	SCREW, HHC, 1/4-20 X .75	
2	6091GT	NUT, NYLOCK, 1/4-20	
3	35734GT	FORMING, SEQUENCING, CARR, ZN	1
4A	100905GT	SPACER,TUBE,1/4X3/8X.40" LG	3
	QS-15		
5	100386GT	FORMING, PULLEY BRKT	1
6	6888GT	SCREW, HHC, 1/4-20 X 1	
7	6356GT	WASHER, LOCK, .25	
8	12906GT	WASHER,FENDER,.25 X 1.25 X.062	
9	35991GT	NUT,WELD 1/4-20, PLATED L.L.**	
10	11808GT	SCREW,HHC,1/4-20 X .375	
11A	35733GT	PULLEY,SEQUENCING,NYLATRON	3
	QS-15		
12-	124081GT	CABLE ASSY,SEQ,MAST,GR12&15	2
		(includes item 13)	
12A	1322628GT	CABLE ASSY,SEQ,CARRIAG,GR12/15(SVC)	1
		Replaces 58382GT	
13A	57147GT	BRACKET,SEQUENCING,UPPER,ZI***	3
		QS-15	
14	7339GT	SCREW,HHC,1/4-20 X .5	
15A	38234GT	BUSHING,FLANGE,3/8 OD X 1/4 ID	6
		QS-15	
16A	8849GT	SPRING, TENSION CABLE	3
		QS-15	

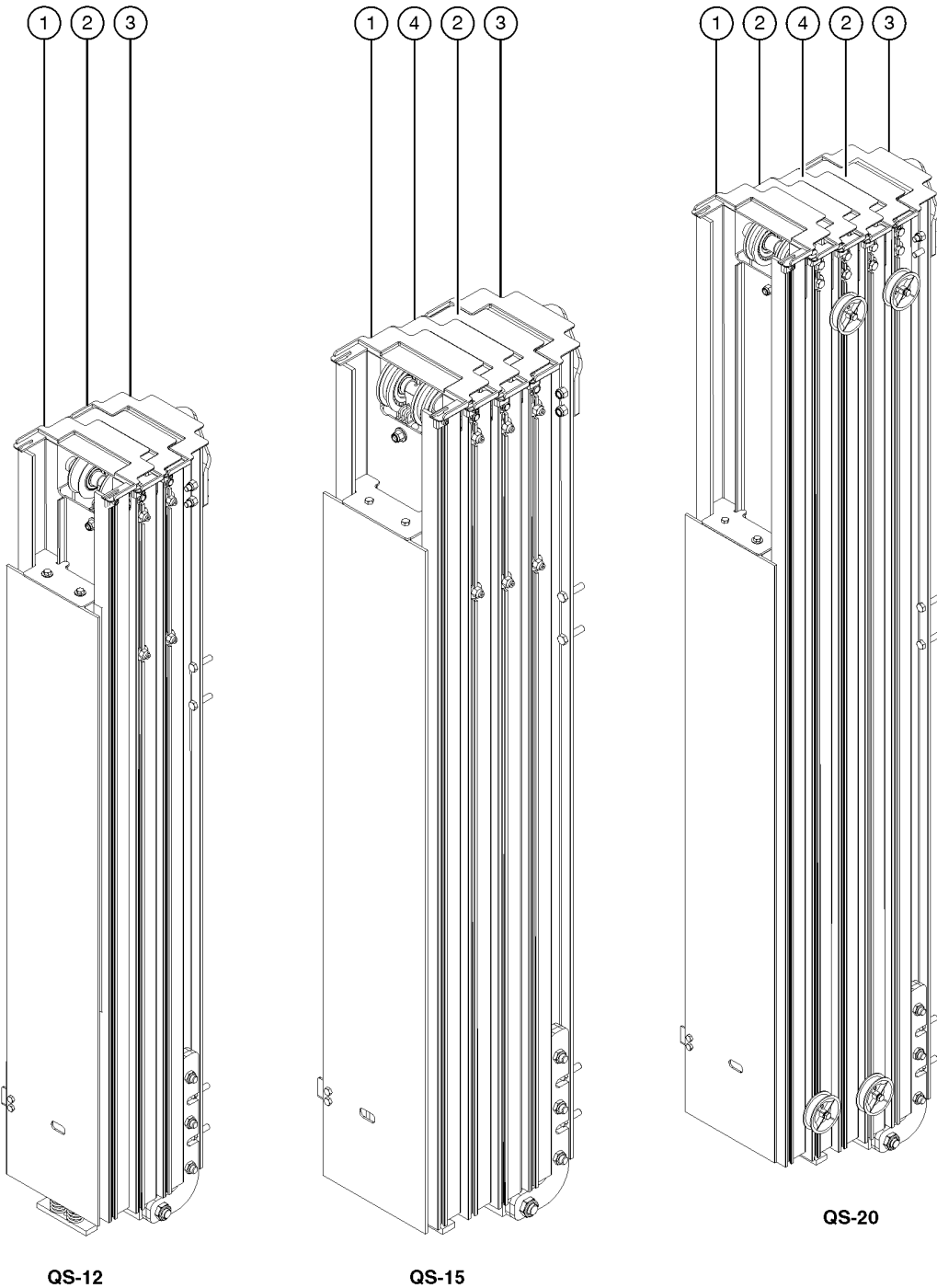
310.3 Sequencing Cable



310.3 Sequencing Cable

Item	Part No.	Description	Qty.
1	6090GT	SCREW, HHC, 1/4-20 X .75	
2	6091GT	NUT, NYLOCK, 1/4-20	
3	35734GT	FORMING, SEQUENCING, CARR, ZN	1
4B	100905GT	SPACER,TUBE,1/4X3/8X.40" LG	4
	QS-20		
5	100386GT	FORMING, PULLEY BRKT	1
6	6888GT	SCREW, HHC, 1/4-20 X 1	
7	6356GT	WASHER, LOCK, .25	
8	12906GT	WASHER,FENDER,.25 X 1.25 X.062	
9	35991GT	NUT,WELD 1/4-20, PLATED L.L.**	
10	11808GT	SCREW,HHC,1/4-20 X .375	
11B	35733GT	PULLEY,SEQUENCING,NYLATRON	4
	QS-20		
12-	100409GT	CABLE ASSY,SEQ,MAST,GR20	3
		(includes item 13)	
12B	1322627GT	CABLE ASSY,SEQ,CARRIAGE,GR20 (SVC)	1
		Replaces 58381GT	
13B	57147GT	BRACKET,SEQUENCING,UPPER,ZI***	4
		QS-20	
14	7339GT	SCREW,HHC,1/4-20 X .5	
15B	38234GT	BUSHING,FLANGE,3/8 OD X 1/4 ID	8
		QS-20	
16B	8849GT	SPRING, TENSION CABLE	6
		QS-20	

311.1 Mast Covers

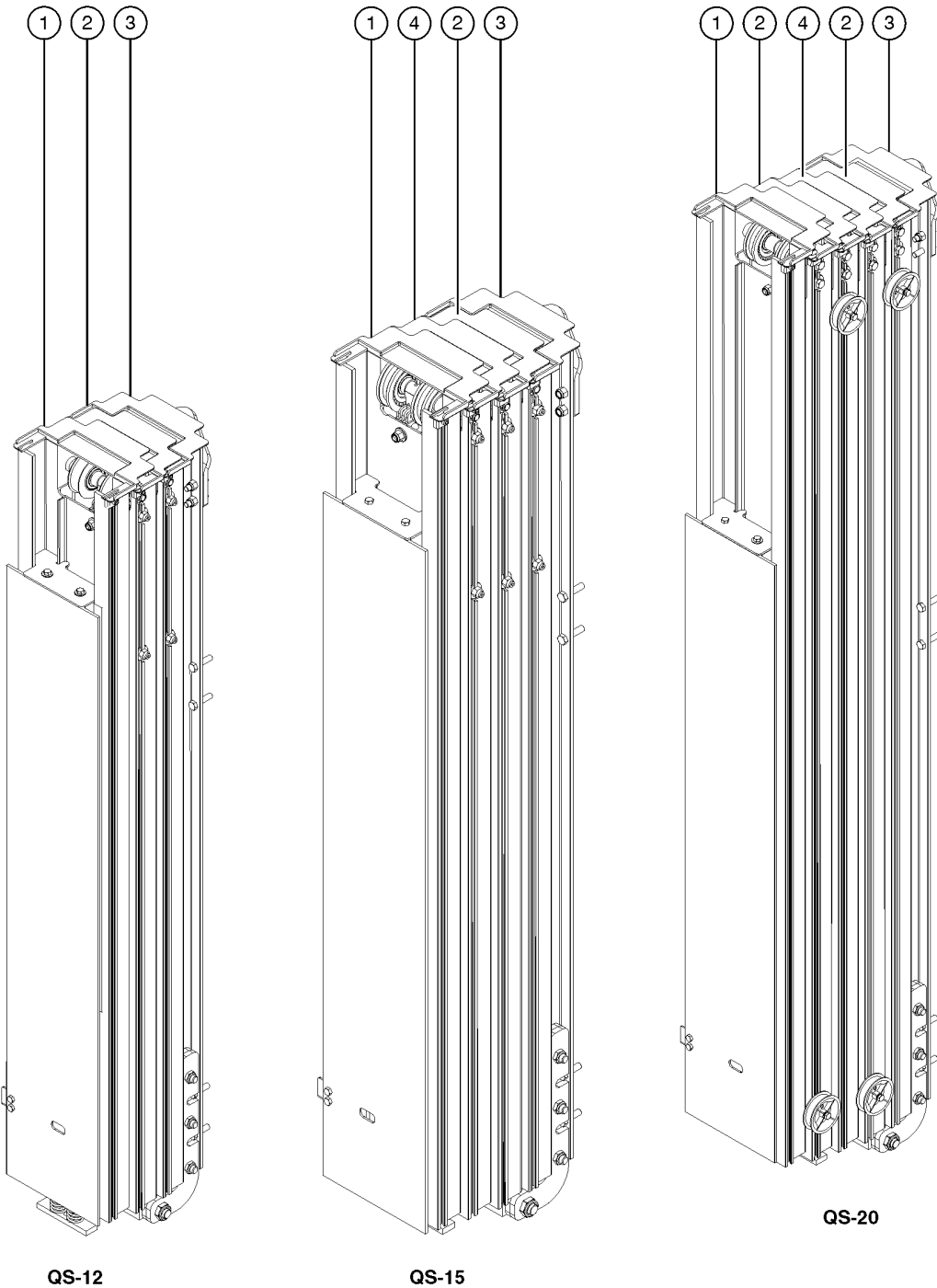


311.1 Mast Covers

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	100770GT	FLAP, MAST COVER #5,#6 QS-12 (column #3)	1
2	100769GT	FLAP, MAST COVER #2, #4 QS-12 (column #2)	1
3	100767GT	FLAP, MAST COVER #1 QS-12 (column #1)	1



311.2 Mast Covers

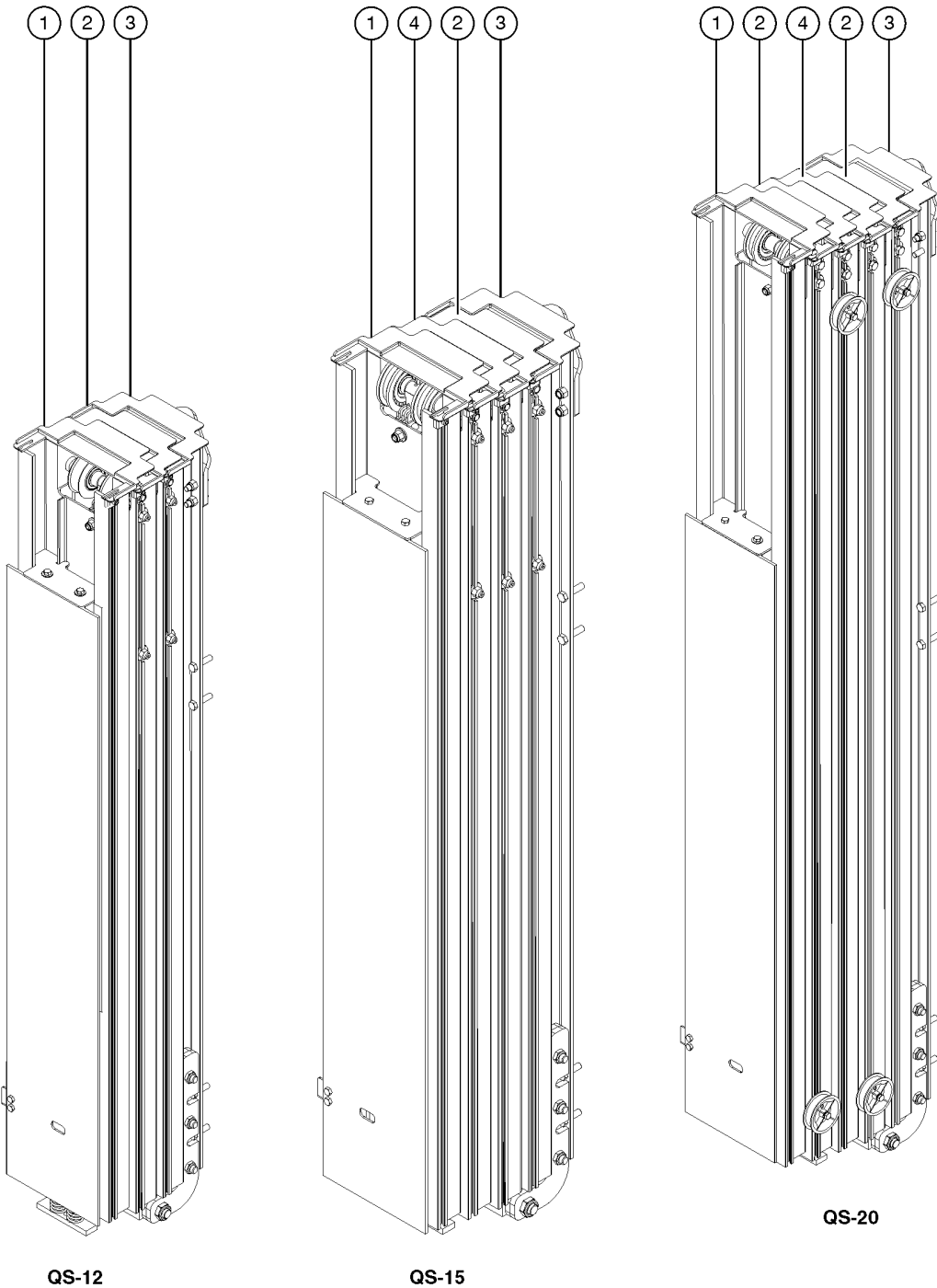


311.2 Mast Covers

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1A	100770GT	FLAP, MAST COVER #5,#6 QS-15 (column 4)	1
2A	100769GT	FLAP, MAST COVER #2, #4 QS-15 (column 2)	1
3A	100767GT	FLAP, MAST COVER #1 QS-15 (column 1)	1
4	100768GT	FLAP, MAST COVER #3 QS-15 (column 3)	1

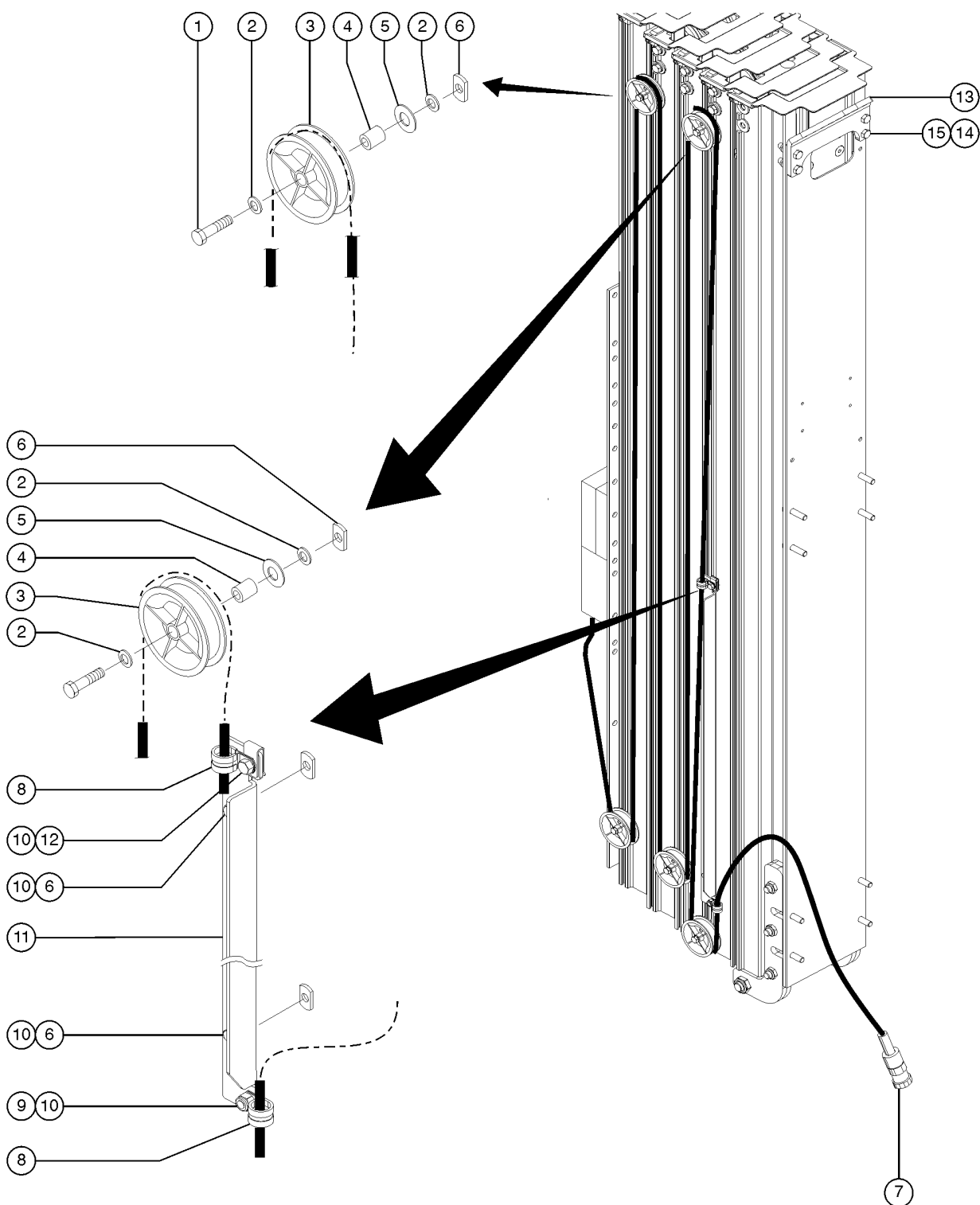


311.3 Mast Covers



<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1B	100770GT	FLAP, MAST COVER #5,#6 QS-20 (column # 5)	1
2B	100769GT	FLAP, MAST COVER #2, #4 QS-20 (column # 2 and # 4)	2
3B	100767GT	FLAP, MAST COVER #1 QS-20 (column # 1)	1
4A	100768GT	FLAP, MAST COVER #3 QS-20 (column # 3)	1

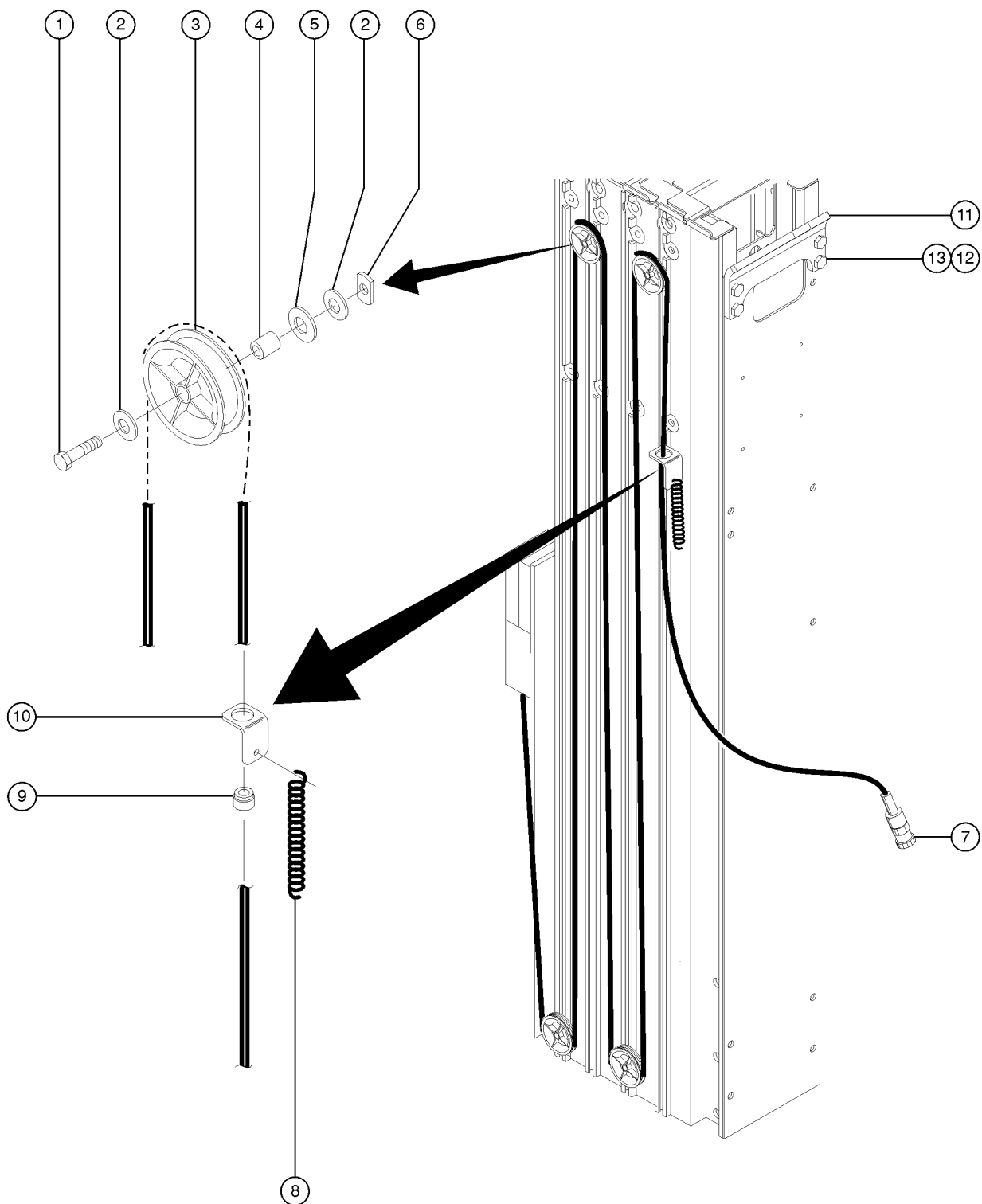
312.1 Control Cable Assembly, QS-12, QS-20



312.1 Control Cable Assembly, QS-12, QS-20

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	8915GT	SCREW, HHC, 1/4-20 X 1.25	
2	25926GT	WASHER, FLAT, M6 PLTD.	
3A	23394GT	PULLEY, ELEC. CNTRL. CABLE, AWP (QS-20) (shown)	3
4	40735GT	SPACER, 1/4ID3/8OD, .875LG	
5	22699GT	WASHER, FLAT, M10, ZINC PLTD.	
6	35991GT	NUT, WELD 1/4-20, PLATED L.L.**	
7		Ref. Control Cable Assembly (refer to 209.1)	
8	6833GT	CLAMP, 0.50, #8 X 1/4, RUB CUSH	2
9	6091GT	NUT, NYLOCK, 1/4-20	
10	7339GT	SCREW, HHC, 1/4-20 X .5	
11	124166GT	FORMING, CABLE BRKT, GR	1
12	56912GT	SPRING CLIP, 1/4-20, .025-.15X.54, ZAG	1
13	107023GT	LIFTING EYE ASSEMBLY	
14	8516GT	SCREW, HCC, 3/8-16 X 1.50	
15	4828GT	NUT, NYLOCK, 3/8-16	

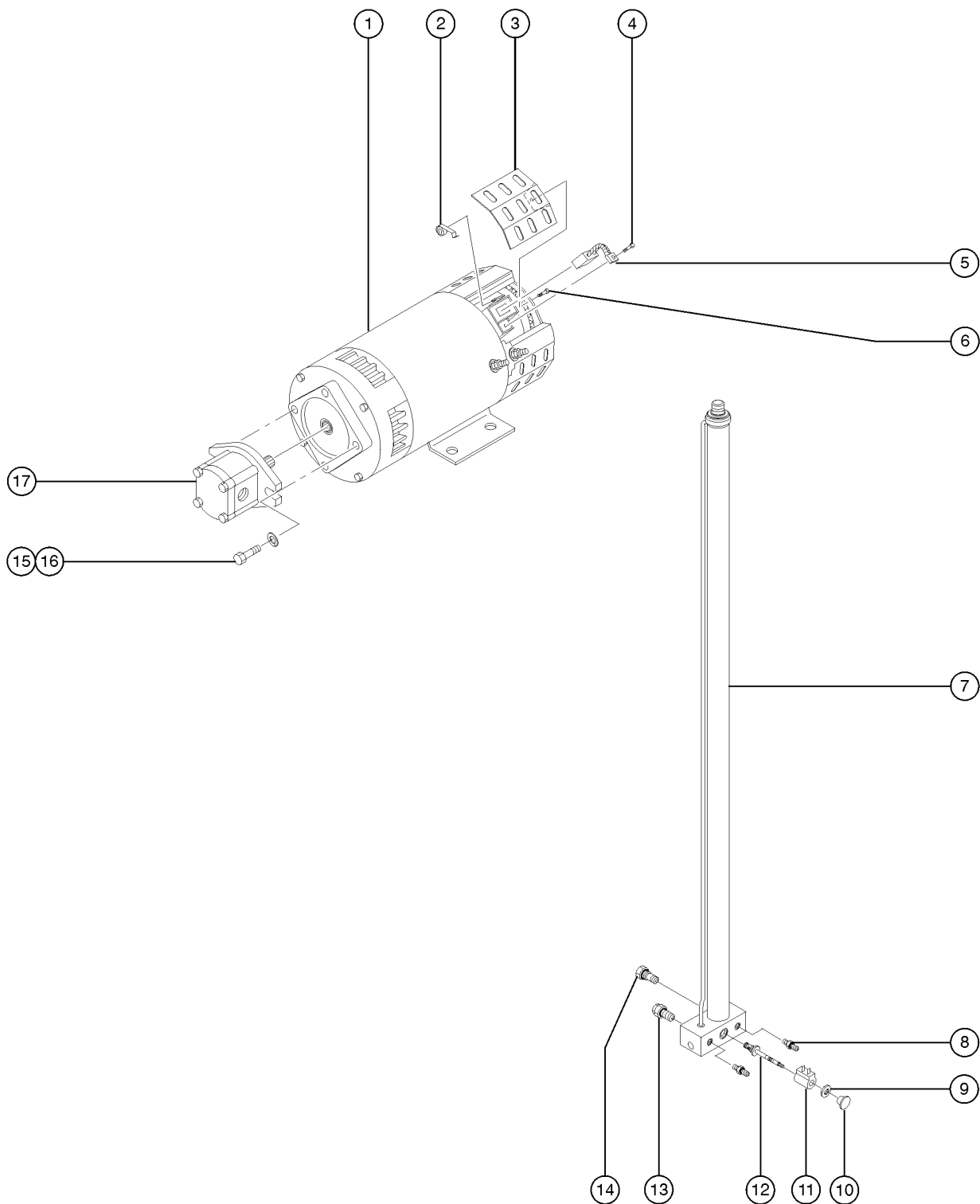
313.1 Control Cable Assembly, QS-15



313.1 Control Cable Assembly, QS-15

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	8915GT	SCREW, HHC, 1/4-20 X 1.25	
2	25926GT	WASHER, FLAT, M6 PLTD.	
3	23394GT	PULLEY, ELEC. CNTRL. CABLE, AWP	4
4	40735GT	SPACER, 1/4ID3/8OD, .875LG	
5	22699GT	WASHER, FLAT, M10, ZINC PLTD.	
6	35991GT	NUT, WELD 1/4-20, PLATED L.L.**	
7		Ref. Control Cable Assembly	
		(refer to 209.1)	
8	23396GT	SPRING, CONTROL CABLE, AWP	1
9	60746GT	BUSHING, STRAIN RELIEF, 1"	1
10	69529GT	BRACKET, CONTROL CABLE W/BUSHIN	1
		(includes item 9)	

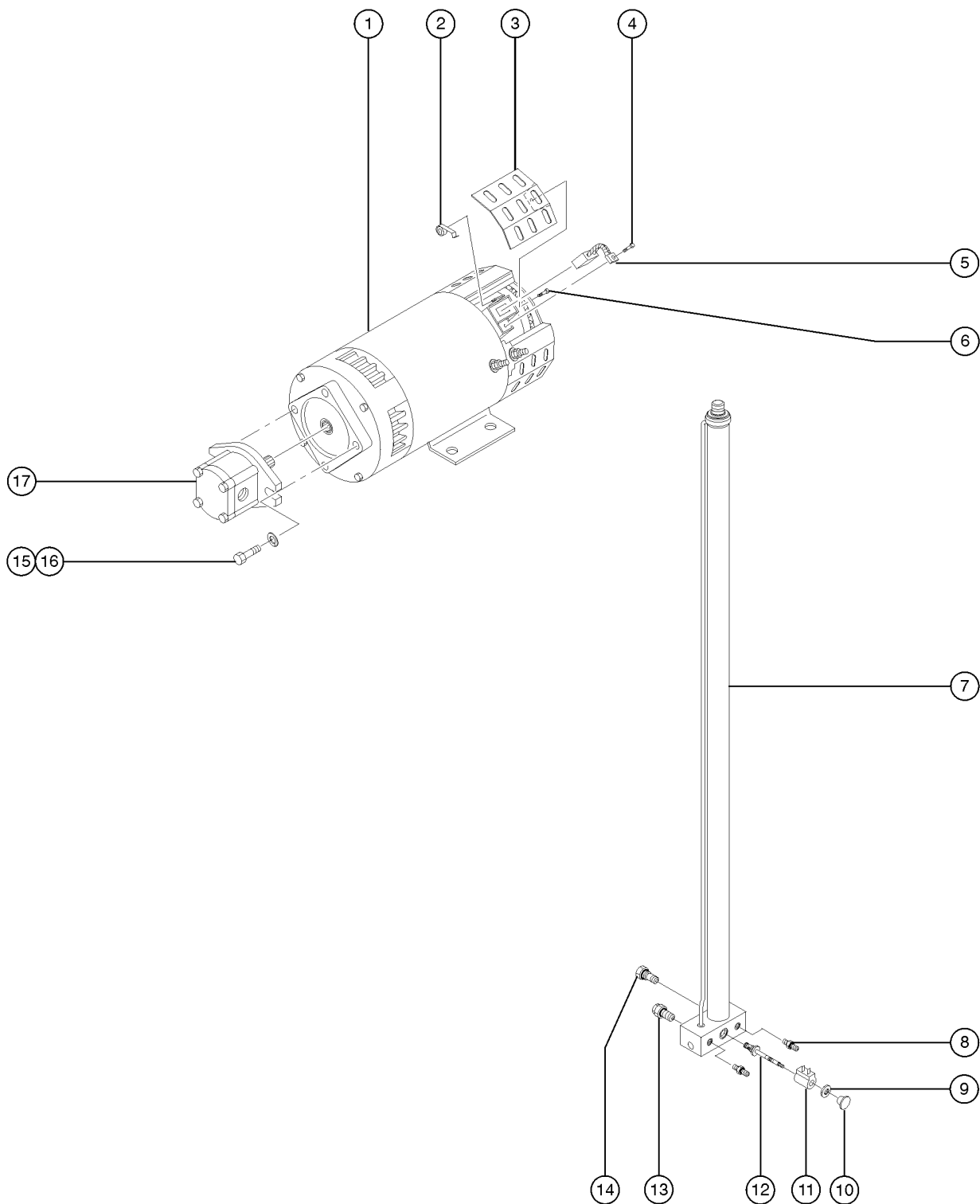
401.1 Hydraulic Power Unit and Lift Cylinder



401.1 Hydraulic Power Unit and Lift Cylinder

Item	Part No.	Description	Qty.
1	105387GT	MOTOR,24DC,ADV (includes items 2-6)	1
1-	44777GT	BEARING,MOTOR	
1-	44778GT	BEARING,MOTOR,36843,BRUSH END*	
1-	43685GT	SEAL KIT,LIFT PUMP,BARNES**	
1-	58934GT	BRUSH BOX ASSEMBLY	
1-	52915GT	BRUSH LEAD ASSEMBLY KIT(48504)	
2	44750GT	SPRING-BRUSH,40844, SCISSORS	4
3	44752GT	COVER-BRUSH INSPEC.40844,SCISS	4
4	52913GT	SCREW,HH TAPETITE THRD8-32X.50	
5	44751GT	BRUSH,PWR UNIT (40844)**	4
6	52914GT	SCREW,HHTAPTITE THREAD8-32X.38	
7	80949GT	CYLINDER, LIFT 41" STROKE, DY* QS-12, QS-15 (to SN QSP-5999)	1
7-	80941GT	SEAL KIT,DONYANG CYL	
8	48905GT	CONNECTOR, 520120-4	2
9	52943GT	NUT, SOLENOID VALVE COIL	1
10	38068GT	KNOB,PUSH/PULL,RED	1
11	84422GT	COIL-SOLENOID VALVE,20V DC***	1
12	66465GT	VALVE,NC SOLENOID, MANUAL (includes items 9 and 11)	1
13	35725GT	VALVE,FLOW CONTROL PREAS.COMP. (1 gpm, L/min)	1
14	35726GT	VALVE,HYDRAULIC CHECK	1
15	32317GT	SCREW,HHC,3/8-24 X 1 GR 8 YEL	2
16	6021GT	WASHER, LOCK, .375	
17A	231572GT	PUMP,4CC,GEAR,CCW	1
17A-	85197GT	SEAL KIT,BOSCH PUMP***	
17A-	233641GT	SEAL KIT,BOSCH PUMP	
17B		PUMP,4CC GEAR,CCW 228192 Parker (component no longer available)	
17B-	229453GT	SEAL KIT,PUMP,PARKER (228192) for Parker pump 228192	

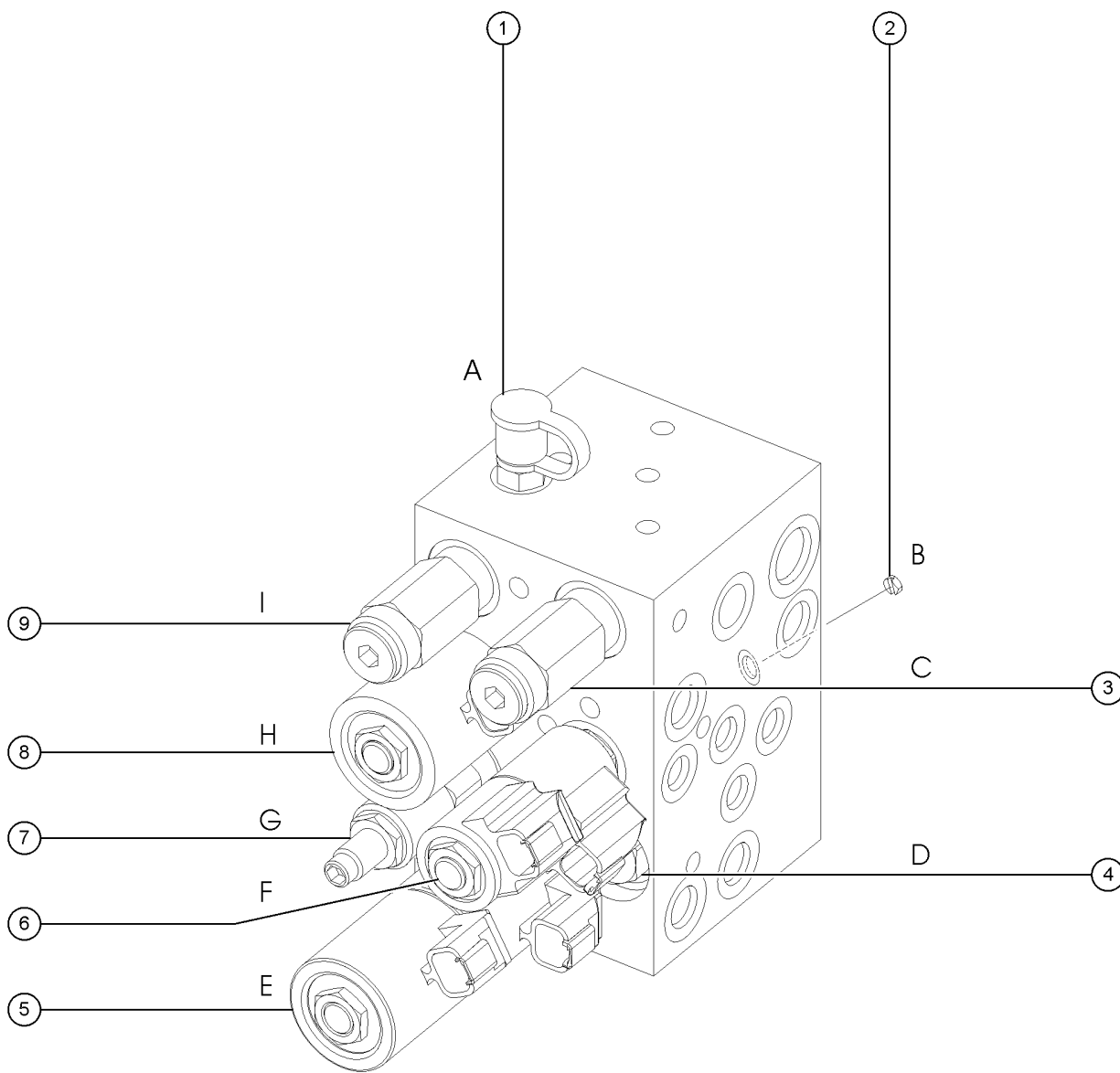
401.2 Hydraulic Power Unit and Lift Cylinder



401.2 Hydraulic Power Unit and Lift Cylinder

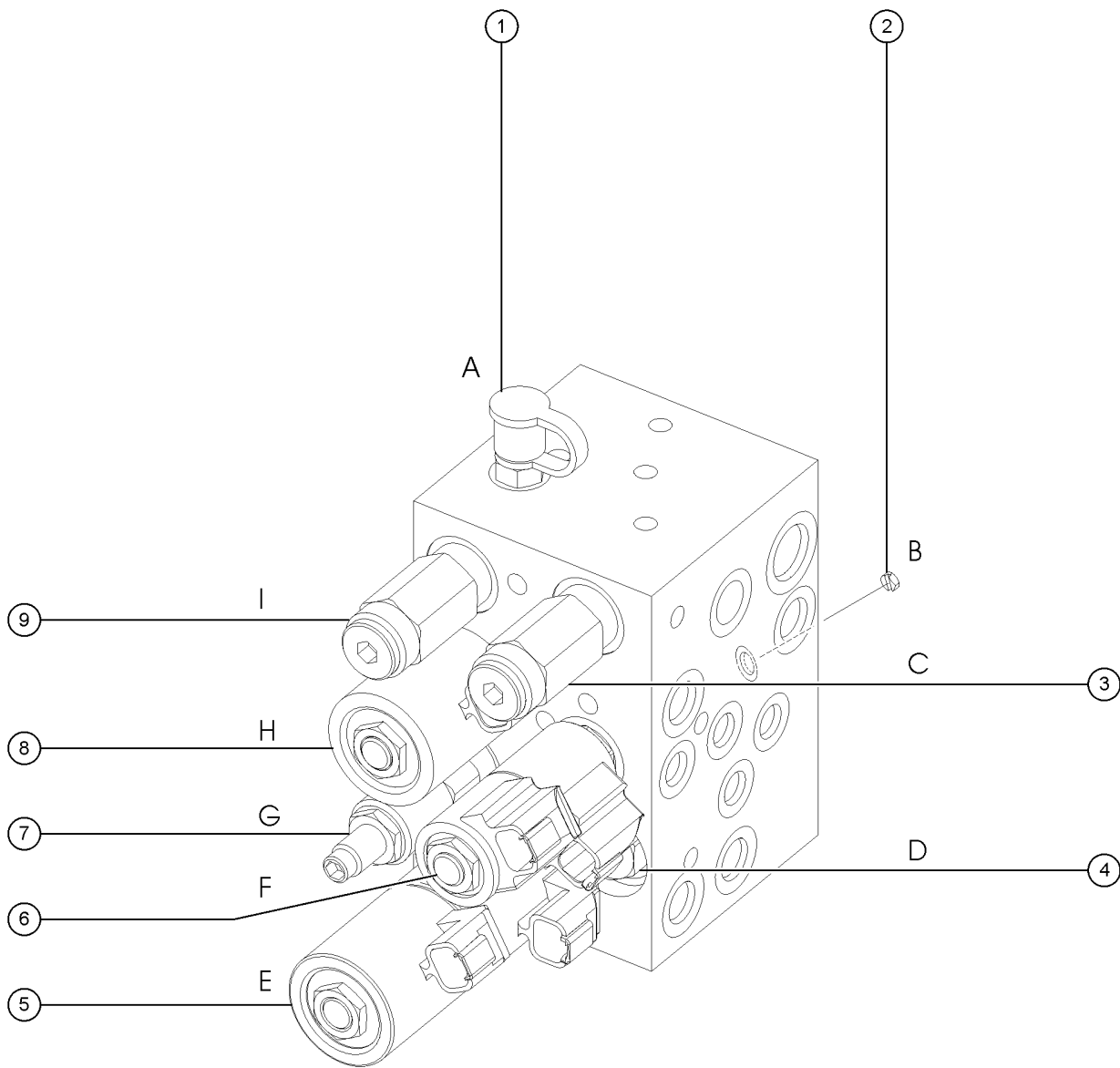
Item	Part No.	Description	Qty.
1	105387GT	MOTOR,24DC,ADV	
1-	44777GT	BEARING,MOTOR	1
1-	44778GT	(includes items 2-6)	
1-	44778GT	BEARING,MOTOR,36843,BRUSH END*	
1-	43685GT	SEAL KIT,LIFT PUMP,BARNES**	
1-	58934GT	BRUSH BOX ASSEMBLY	
1-	52915GT	BRUSH LEAD ASSEMBLY KIT(48504)	
2	44750GT	SPRING-BRUSH,40844, SCISSORS	4
3	44752GT	COVER-BRUSH INSPEC.40844,SCISS	4
4	52913GT	SCREW,HH TAPETITE THRD8-32X.50	
5	44751GT	BRUSH,PWR UNIT (40844)**	4
6	52914GT	SCREW,HHTAPTITE THREAD8-32X.38	
7A	100400GT	CYLINDER,LIFT, 70" STROKE	1
7A-	80943GT	QS-20	
8	48905GT	SEAL KIT,DONYANG CYL (35737)*	2
9	52943GT	CONNECTOR, 520120-4	1
10	38068GT	NUT, SOLENOID VALVE COIL	1
11	84422GT	COIL,PUSH/PULL,RED	1
12	66465GT	COIL-SOLENOID VALVE,20V DC***	1
13	35725GT	VALVE,NC SOLENOID, MANUAL	1
14	35726GT	(includes items 9 and 11)	
15	32317GT	VALVE,FLOW CONTROL PREAS.COMP.	1
16	6021GT	VALVE,HYDRAULIC CHECK	1
17A	231572GT	SCREW,HHC,3/8-24 X 1 GR 8 YEL	2
17A-	85197GT	WASHER, LOCK, .375	
17A-	233641GT	PUMP,4CC,GEAR,CCW	1
17B	229453GT	SEAL KIT,BOSCH PUMP***	
17B-		SEAL KIT,BOSCH PUMP	
		PUMP,4CC GEAR,CCW 228192	
		Parker (component no longer available)	
		SEAL KIT,PUMP,PARKER (228192)	
		for Parker pump 228192	

402.1 Function Manifold



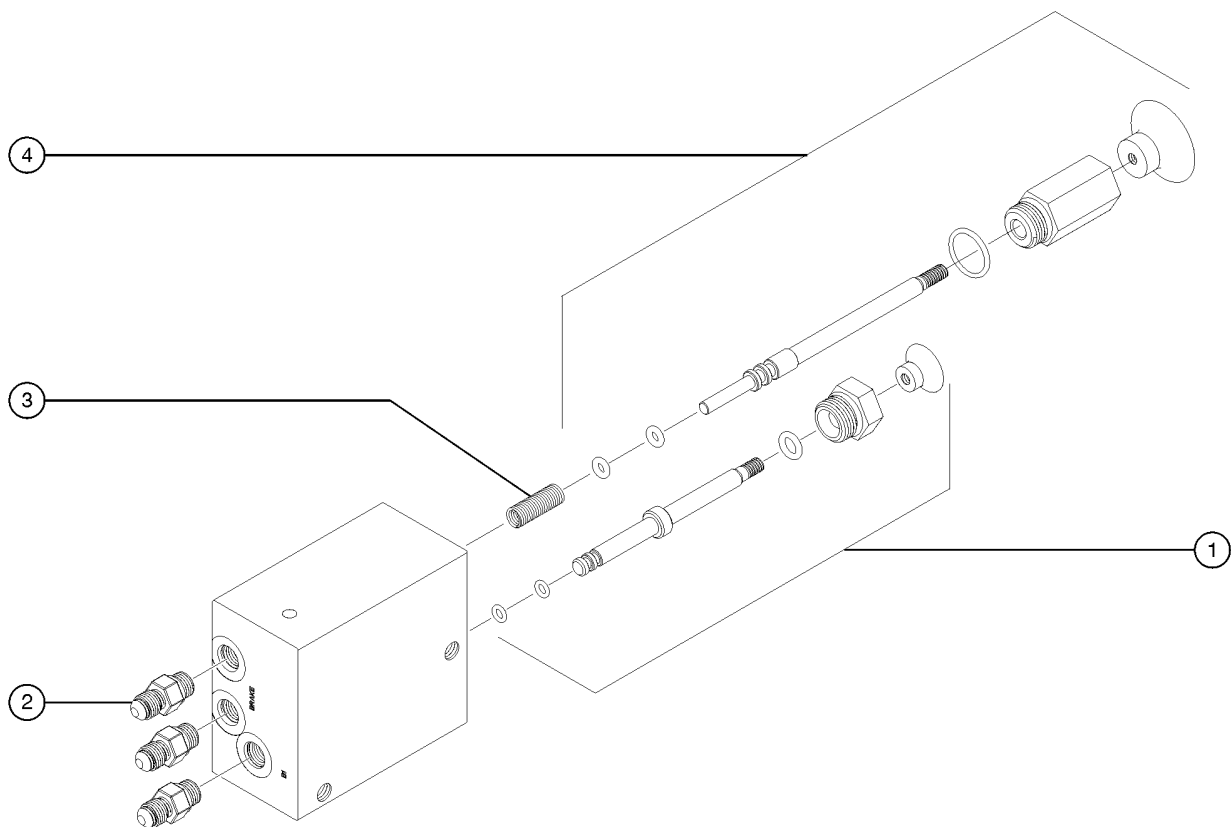
Item	Part No.	Description	Qty.
	105462GT	KIT,DYN.BRAKING MANIF,MINI Use the letter callouts to cross-reference with the Service Manual.	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	48997GT	NIPPLE,DIAGNOSTIC,#4 (A, Testing)	
1-	48880GT	CAP,DIAGNOSTIC NIPPLE	
1-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT (pressure gauge not included)	
2	84386GT	CHECK DISK, NO SPRING (B, Steer circuit)	
3-	44226GT	SEAL KIT-FOR P.N.44167	
3	1299590GT	VALVE, FUNCTION MANIFOLD RELIEF, 3700PSI (C, Lift relief)	
4	46216GT	VALVE,CHECK,IWP-S/CWP PWR ASSI (D, Drive circuit)	
4-	44227GT	SEAL KIT, VALVE	
5	44172GT	VALVE,SOLENOID,3POS 4WAY*** (E, Drive forward/reverse)	
5-	84385GT	COIL,20VDC DEUTCSH W/DIODE (sold separately)	
5-	44174GT	NUT-COIL SHORT	
5-	44230GT	SEAL KIT-P.N.44169,44172,44171	
6	44168GT	VALVE,SOLENOID,3POS 4WAY (F, Steer left/right)	
6-	77709GT	COIL,#8 20VDC,DEUTSCH W/DIOD (sold separately)	
6-	44174GT	NUT-COIL SHORT	
6-	44229GT	SEAL KIT, VALVE	
7	84384GT	PRTY,FLOW CNTRL VALVE,.75 GPM (G, Steer Circuit) (0.75 gpm / 2.8 L/min, 1500 psi / 103.4 bar)	
7-	1261888GT	SEAL KIT (84384) for 84384	
8	44169GT	VALVE-SOLENOID, 2POS 4 WAY (H, Platform up)	
8-	84385GT	COIL,20VDC DEUTCSH W/DIODE (sold separately)	
8-	44174GT	NUT-COIL SHORT	
8-	44230GT	SEAL KIT-P.N.44169,44172,44171	
9-	44226GT	SEAL KIT-FOR P.N.44167	
9	1299590GT	VALVE, FUNCTION MANIFOLD RELIEF, 3700PSI (I, System relief)	

402.2 Function Manifold



Item	Part No.	Description	Qty.
	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
	49612GT	O-RING KIT (ORFS FITTINGS)	
	105462GT	KIT,DYN.BRAKING MANIF,MINI Use the letter callouts to cross-reference with the Service Manual.	
1	48997GT	NIPPLE,DIAGNOSTIC,#4	
		(A, Testing)	
1-	48880GT	CAP,DIAGNOSTIC NIPPLE	
1-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	
		(pressure gauge not included)	
2	84386GT	CHECK DISK, NO SPRING	
		(B, Steer circuit)	
3-	44226GT	SEAL KIT-FOR P.N.44167	
3	1299590GT	VALVE, FUNCTION MANIFOLD RELIEF, 3700PSI	
		(C, Lift relief)	
4	46216GT	VALVE,CHECK,IWP-S/CWP PWR ASSI	
		(D, Drive circuit)	
4-	44227GT	SEAL KIT, VALVE	
5	44172GT	VALVE,SOLENOID,3POS 4WAY***	
		(E, Drive forward/reverse)	
5-	84385GT	COIL,20VDC DEUTCSH W/DIODE	
		(sold separately)	
5-	44174GT	NUT-COIL SHORT	
5-	44230GT	SEAL KIT-P.N.44169,44172,44171	
6	44168GT	VALVE,SOLENOID,3POS 4WAY	
		(F, Steer left/right)	
6-	77709GT	COIL,#8 20VDC,DEUTSCH W/DIOD	
		(sold separately)	
6-	44174GT	NUT-COIL SHORT	
6-	44229GT	SEAL KIT, VALVE	
7	84384GT	PRTY,FLOW CNTRL VALVE,.75 GPM	
		(G, Steer Circui)t (0.75 gpm / 2.8 L/min, 1500 psi / 103.4 bar)	
7-	1261888GT	SEAL KIT (84384)	
		for 84384	
8	44169GT	VALVE-SOLENOID, 2POS 4 WAY	
		(H, Platform up)	
8-	84385GT	COIL,20VDC DEUTCSH W/DIODE	
		(sold separately)	
8-	44174GT	NUT-COIL SHORT	
8-	44230GT	SEAL KIT-P.N.44169,44172,44171	
9-	44226GT	SEAL KIT-FOR P.N.44167	
9	1299590GT	VALVE, FUNCTION MANIFOLD RELIEF, 3700PSI	
		(I, System relief)	

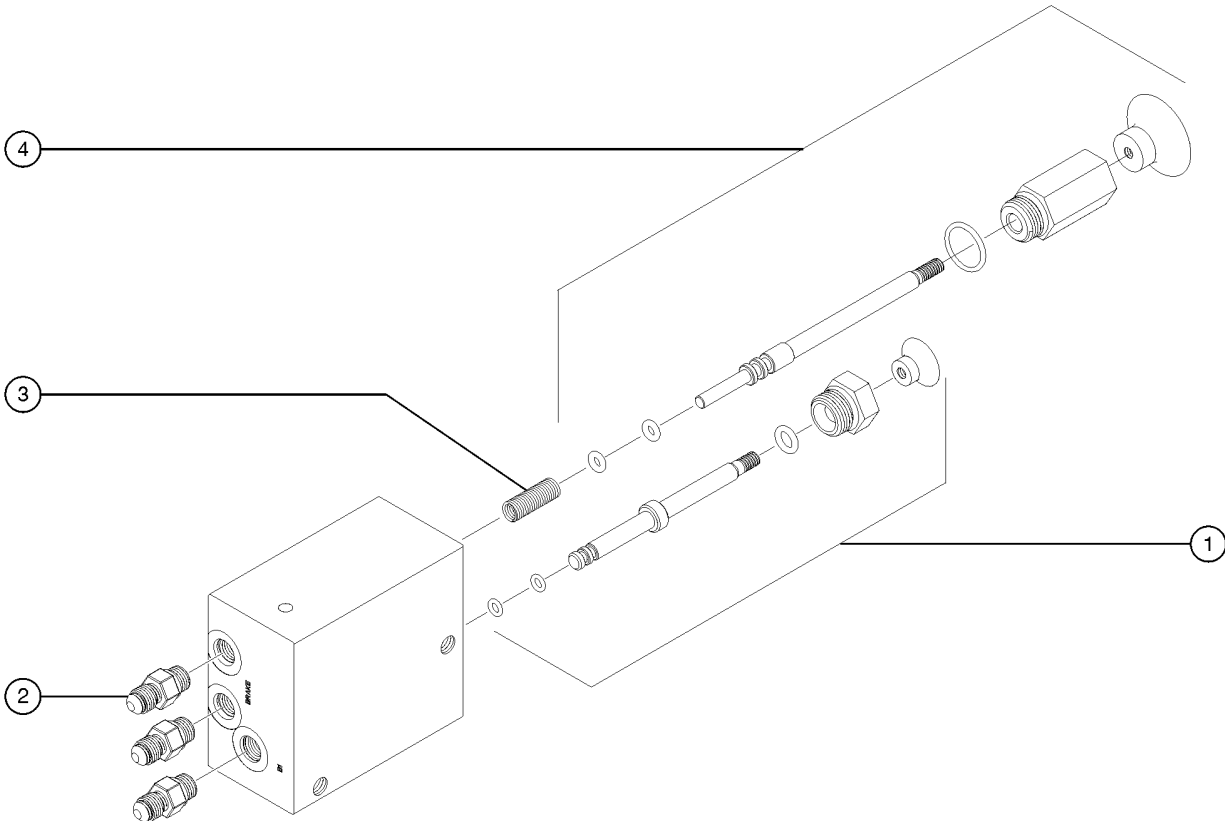
403.1 Brake Release Manifold



403.1 Brake Release Manifold

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
	105067GT	MANIFOLD,BRAKE RELEASE (includes items 1, 3 and 4)	
1	84743GT	VALVE,PILOT OPERATED ASSEMBLY*	1
1-	84740GT	SEAL KIT,HAND PUMP***	
1-	84746GT	KNOB,PILOT OP VALVE (BLACK)***	
2	39877GT	CONNECTOR,070120-4-4	3
3	84748GT	SPRING,HAND PUMP ROD	1
4	84739GT	VALVE,HAND PUMP ASSEMBLY***	1
4-	84740GT	SEAL KIT,HAND PUMP***	
4-	84742GT	KNOB,HAND PUMP (RED)***	

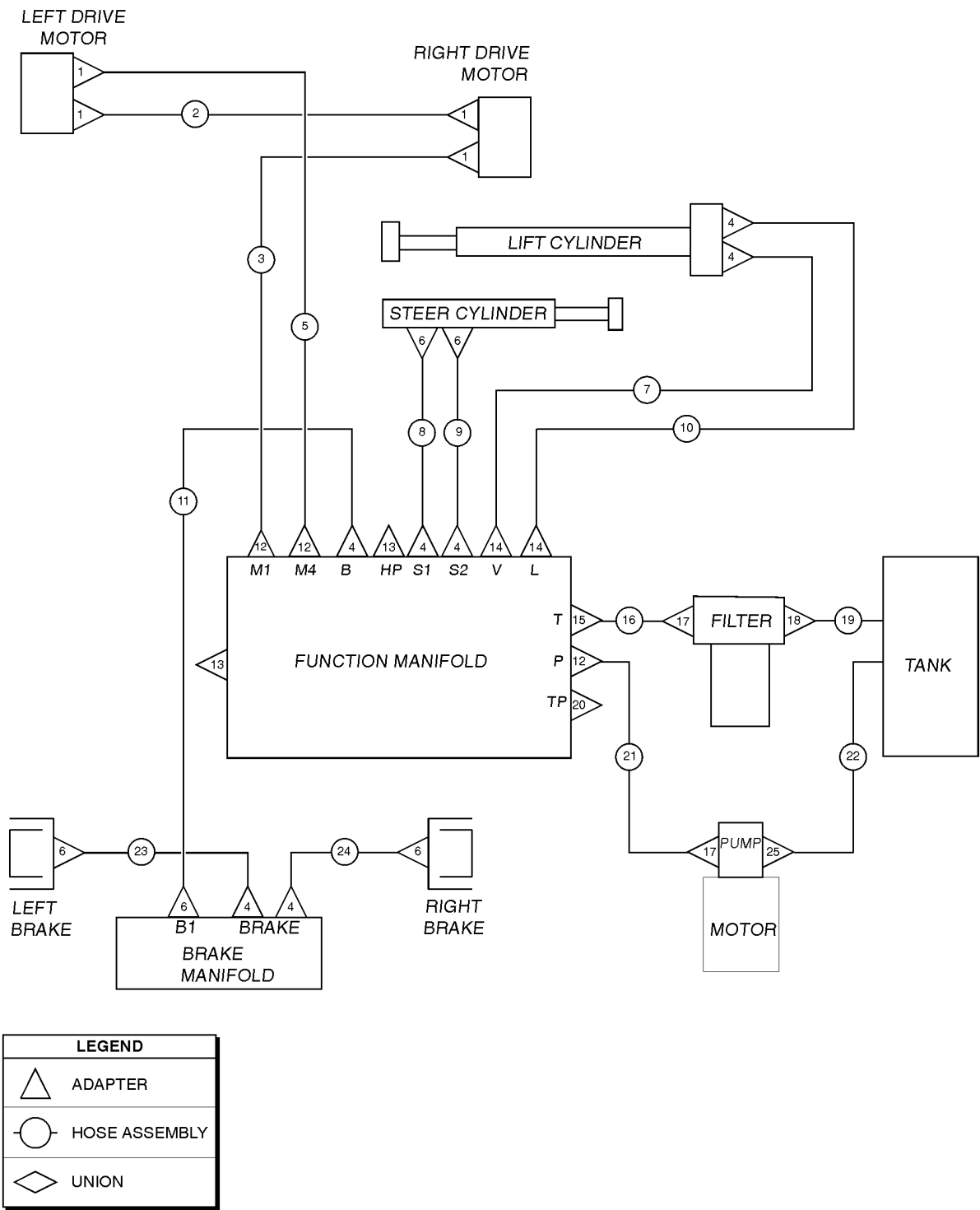
403.2 Brake Release Manifold



403.2 Brake Release Manifold

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
	105067GT	MANIFOLD,BRAKE RELEASE (includes items 1, 3 and 4)	
1	84743GT	VALVE,PILOT OPERATED ASSEMBLY*	1
1-	84740GT	SEAL KIT,HAND PUMP***	
1-	84746GT	KNOB,PILOT OP VALVE (BLACK)***	
2	39877GT	CONNECTOR,070120-4-4	3
3	84748GT	SPRING,HAND PUMP ROD	1
4	84739GT	VALVE,HAND PUMP ASSEMBLY***	1
4-	84740GT	SEAL KIT,HAND PUMP***	
4-	84742GT	KNOB,HAND PUMP (RED)***	

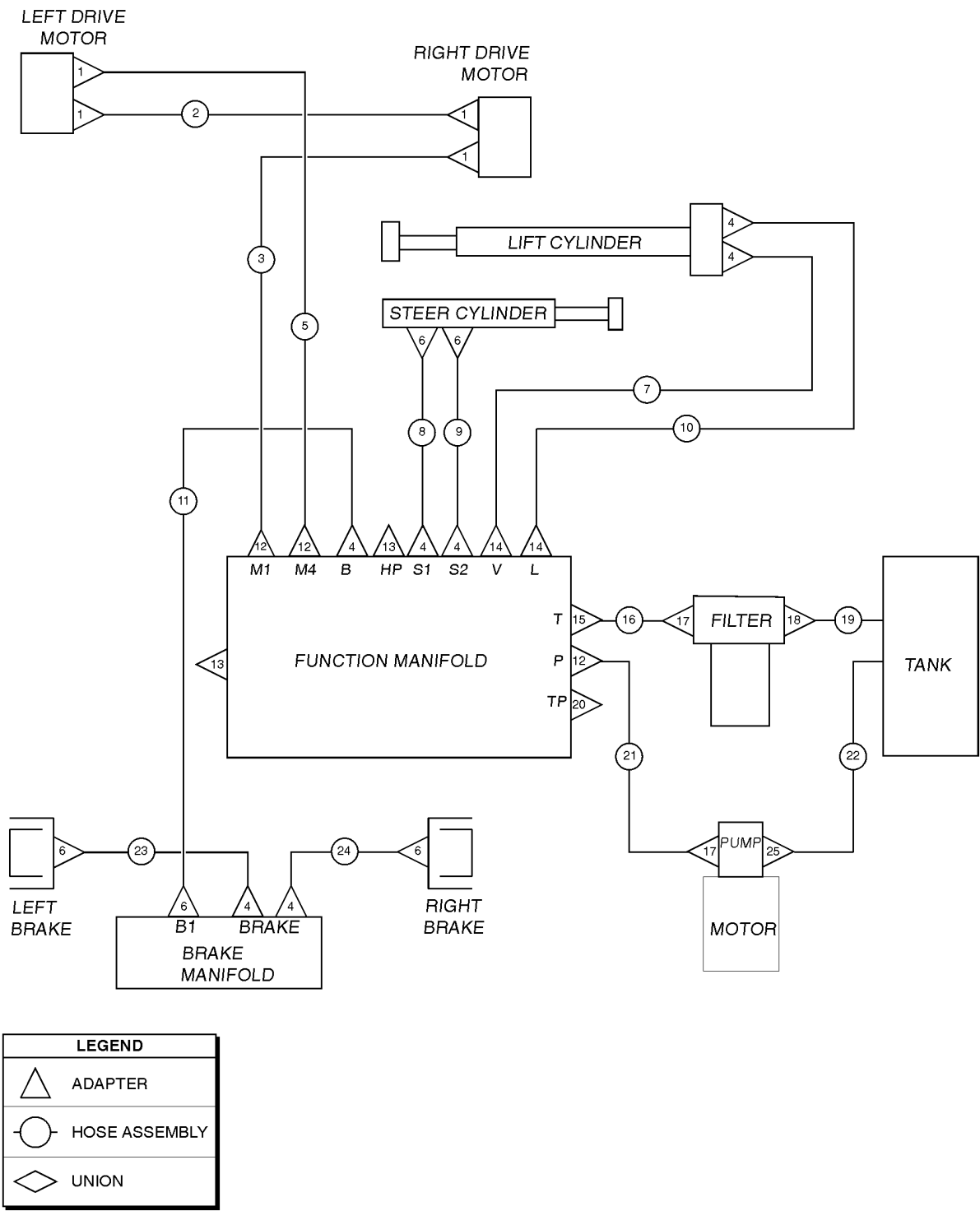
404.1 Hydraulic Hoses and Fittings



404.1 Hydraulic Hoses and Fittings

Item	Part No.	Description	Qty.
1	61264GT	ELBOW,90D,520220,6-10	4
2	101929-4144GT	ASSY, HOSE, HYD, -6, 5000, STR, STR (Components: 48812, 48812 and 56776 @ 40.44 inches)	1
3	1290541-9125GT	ASSY, HOSE, HYD, -6, 5000, STR, STR (Components: 39890, 48812 and 56776 @ 89.57 inches)	1
4	39877GT	CONNECTOR,070120-4-4	7
5	1290541-9263GT	ASSY, HOSE, HYD, -6, 5000, STR, STR (Components: 39890, 48812 and 56776 @ 90.95 inches)	1
6	13921GT	ELBOW,070220-4-4	5
7	1290545-3925GT	ASSY, HOSE, HYD, -2, 3000, STR, STR (components: 1312571, 1312571 and 1312570 @ 37.22 inches)	1
8	1290545-6800GT	ASSY, HOSE, HYD, -2, 3000, STR, STR (components: 1312571, 1312571 and 1312570 @ 65.97 inches)	1
9	1290545-7175GT	ASSY, HOSE, HYD, -2, 3000, STR, STR (components: 1312571, 1312571 and 1312570 @ 69.72 inches)	1
10	1290545-3650GT	ASSY, HOSE, HYD, -2, 3000, STR, STR (components: 1312571, 1312571 and 1312570 @ 34.47 inches)	1
11	49176-1100GT	ASSY, HOSE, HYD, -4, 3250, STR, 90 (components: 48805, 48806 and 48751 @ 9.35 inches)	1
12	39878GT	CONNECTOR,070120-6-6	3
13	45374GT	PLUG,HEX HEAD,090109A-4	2
14		GS30 PENDANT CONTROLLER (39811)	2
15	39873GT	ELBOW, 070220-6-6	1
16	1291001-1700GT	ASSY, HOSE, AIR, -6, 350, STR, 90 (components: 96406, 105045 and 75631 @ 15.36 inches)	1
17	39876GT	ELBOW,070220-6-8	2
18	96398GT	CONNECTOR, 070120-12-8	1
19	100486GT	TUBE ASSY,RETURN	1
20		Ref. Diagnostic Nipple (refer to 402.1)	
21	1290538-3600GT	ASSY, HOSE, HYD, -6, 5000, STR, STR (components: 39890, 39890 and 56776 @ 33.64 inches)	1
22	100510GT	TUBE ASSY, DRAW	1
23	49189-3500GT	ASSY, HOSE, HYD, -4, 3250, STR, STR (components: 48805, 48805 and 48751 @ 33.25 inches)	1
24	49189-1250GT	ASSY, HOSE, HYD, -4, 3250, STR, STR (components: 48805, 48805 and 48751 @ 10.75 inches)	1
25	22664GT	ELBOW,070220-12-10	1

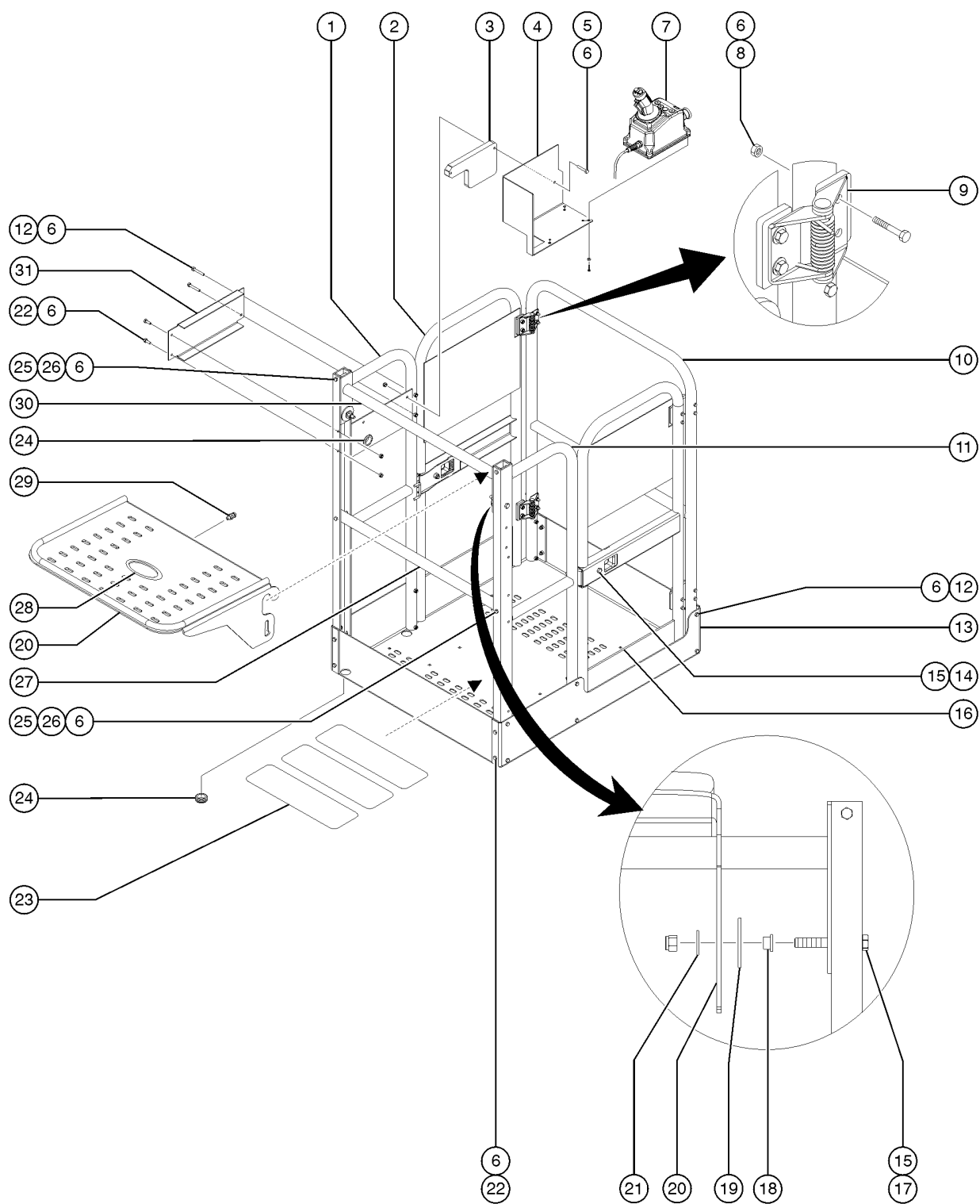
404.2 Hydraulic Hoses and Fittings



404.2 Hydraulic Hoses and Fittings

Item	Part No.	Description	Qty.
1	61264GT	ELBOW,90D,520220,6-10	4
2	101929-4144GT	ASSY, HOSE, HYD, -6, 5000, STR, STR (Components: 48812, 48812 and 56776 @ 40.44 inches)	1
3	1290541-9125GT	ASSY, HOSE, HYD, -6, 5000, STR, STR (Components: 39890, 48812 and 56776 @ 89.57 inches)	1
4	39877GT	CONNECTOR,070120-4-4	7
5	1290541-9263GT	ASSY, HOSE, HYD, -6, 5000, STR, STR (Components: 39890, 48812 and 56776 @ 90.95 inches)	1
6	13921GT	ELBOW,070220-4-4	5
7	1290545-3925GT	ASSY, HOSE, HYD, -2, 3000, STR, STR (components: 1312571, 1312571 and 1312570 @ 37.22 inches)	1
8	1290545-6800GT	ASSY, HOSE, HYD, -2, 3000, STR, STR (components: 1312571, 1312571 and 1312570 @ 65.97 inches)	1
9	1290545-7175GT	ASSY, HOSE, HYD, -2, 3000, STR, STR (components: 1312571, 1312571 and 1312570 @ 69.72 inches)	1
10	1290545-3650GT	ASSY, HOSE, HYD, -2, 3000, STR, STR (components: 1312571, 1312571 and 1312570 @ 34.47 inches)	1
11	49176-1100GT	ASSY, HOSE, HYD, -4, 3250, STR, 90 (components: 48805, 48806 and 48751 @ 9.35 inches)	1
12	39878GT	CONNECTOR,070120-6-6	3
13	45374GT	PLUG,HEX HEAD,090109A-4	2
14		GS30 PENDANT CONTROLLER (39811)	2
15	39873GT	ELBOW, 070220-6-6	1
16	1291001-1700GT	ASSY, HOSE, AIR, -6, 350, STR, 90 (components: 96406, 105045 and 75631 @ 15.36 inches)	1
17	39876GT	ELBOW,070220-6-8	2
18	96398GT	CONNECTOR, 070120-12-8	1
19	100486GT	TUBE ASSY,RETURN	1
20		Ref. Diagnostic Nipple (refer to 402.1)	
21	1290538-3600GT	ASSY, HOSE, HYD, -6, 5000, STR, STR (components: 39890, 39890 and 56776 @ 33.64 inches)	1
22	100510GT	TUBE ASSY, DRAW	1
23	49189-3500GT	ASSY, HOSE, HYD, -4, 3250, STR, STR (components: 48805, 48805 and 48751 @ 33.25 inches)	1
24	49189-1250GT	ASSY, HOSE, HYD, -4, 3250, STR, STR (components: 48805, 48805 and 48751 @ 10.75 inches)	1
25	22664GT	ELBOW,070220-12-10	1

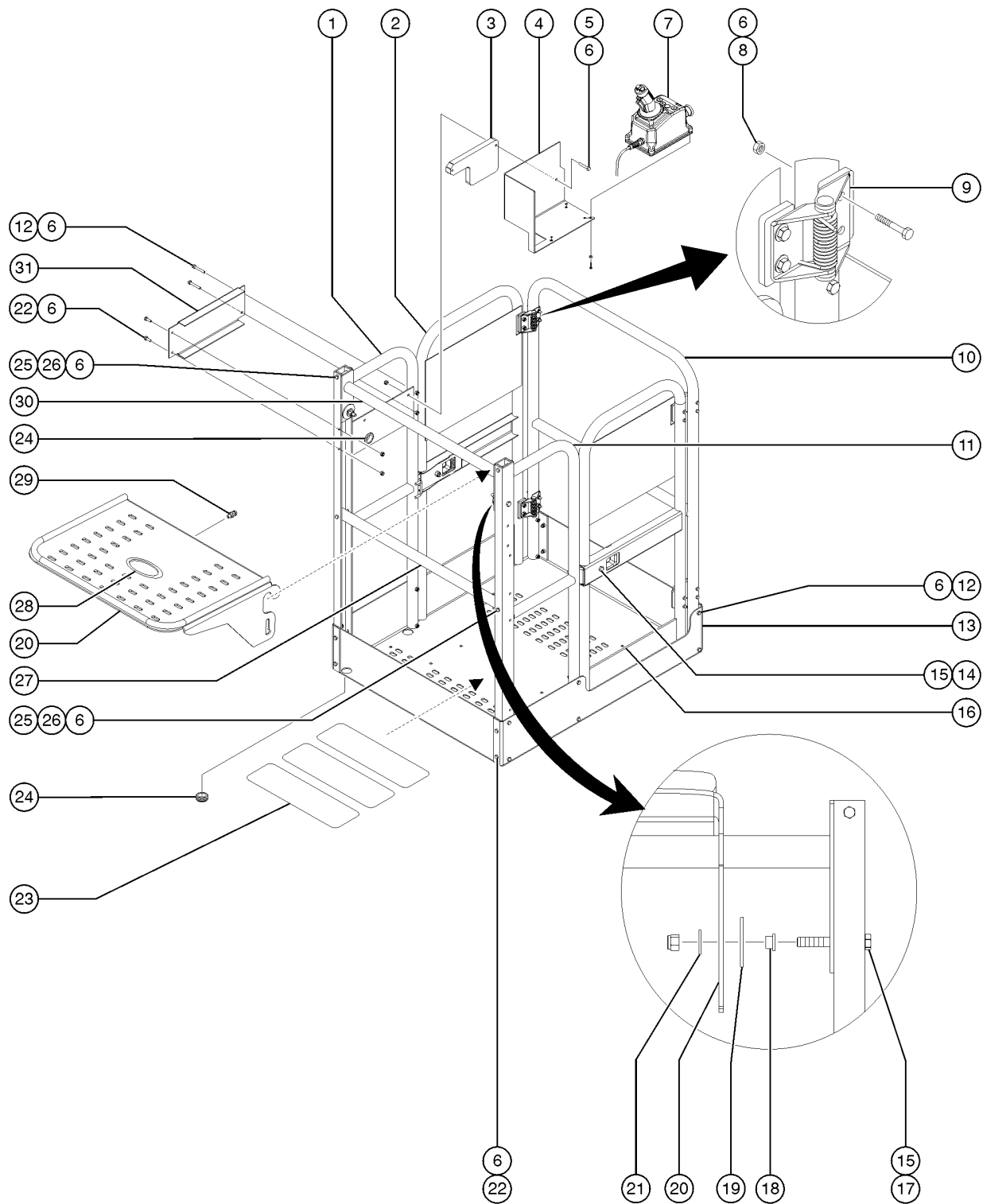
501.1 Platform Assembly



501.1 Platform Assembly

Item	Part No.	Description	Qty.
	115440GT	PLAT ASSY W/O B.R, QS-12/15, WRD (USA, Canada)	
	115442GT	PLAT ASS WITH B.R, QS-12/15, WRD (USA, Canada)	
	115444GT	PLAT ASSY W/O B.R, QS-12/15, SYM (USA, Canada)	
	115446GT	PLAT ASS WITH B.R, QS-12/15, SYM (USA, Canada)	
1	115448GT	RAILING ASSY, POWER UNIT SIDE	1
2	115450GT	GATE, PWR UNIT SIDE, QS12/15, WRD (USA, Canada)	1
2B	115452GT	GATE, PWR UNIT SIDE, QS12/15, SYM (USA, Canada)	1
3	145019GT	SHIM, PLTFRM CNTRL BOX, STKPKR	1
4	115455GT	BRACKET, PLAT CNTL BOX, QS-R (USA, Canada)	1
4A	115456GT	BRACKET, PLAT CNTL BOX, QS-W (USA, Canada)	1
5	6145GT	SCREW, HHC, 1/4-20 X 1.5	
6	6091GT	NUT, NYLOCK, 1/4-20	
7		Ref. Platform Control Box (refer to 502.1)	
8	4266GT	SCREW, HHC, 1/4-20 X 2	
9	104804GT	HINGE, SPRING, LONG LEG	2
10	100802GT	WELDMENT, ENDRAIL MOUNT, STKPKR	1
11	115449GT	RAILING ASSY, CONT. BOX SIDE	1
12	6637GT	SCREW, HHC, 1/4-20 X 1.75	
13	115457GT	TOEBOARD ASSY W/DEC, QS	1
14	5224GT	SCREW, HHC, 3/8-16 X 2	
15	4828GT	NUT, NYLOCK, 3/8-16	
16	115454GT	GATE ASSY, GND CNTL SIDE, WORD (USA, Canada)	1
16-	66544GT	LATCH HANDLE	2
16-	22446GT	SPRING, COMPRESSION .835 X 2	2
17	14033GT	SCREW, HHC, 3/8-16 X 2.75	
18	33720GT	BEARING, FLANGE, 3/8 (AWP & ST)	2
19	145062GT	WASHER, HDPE, .125X.720ID X 2.0D	
20	115459GT	QUICKSTOCK TRAY, COMP, WORD (USA, Canada)	1

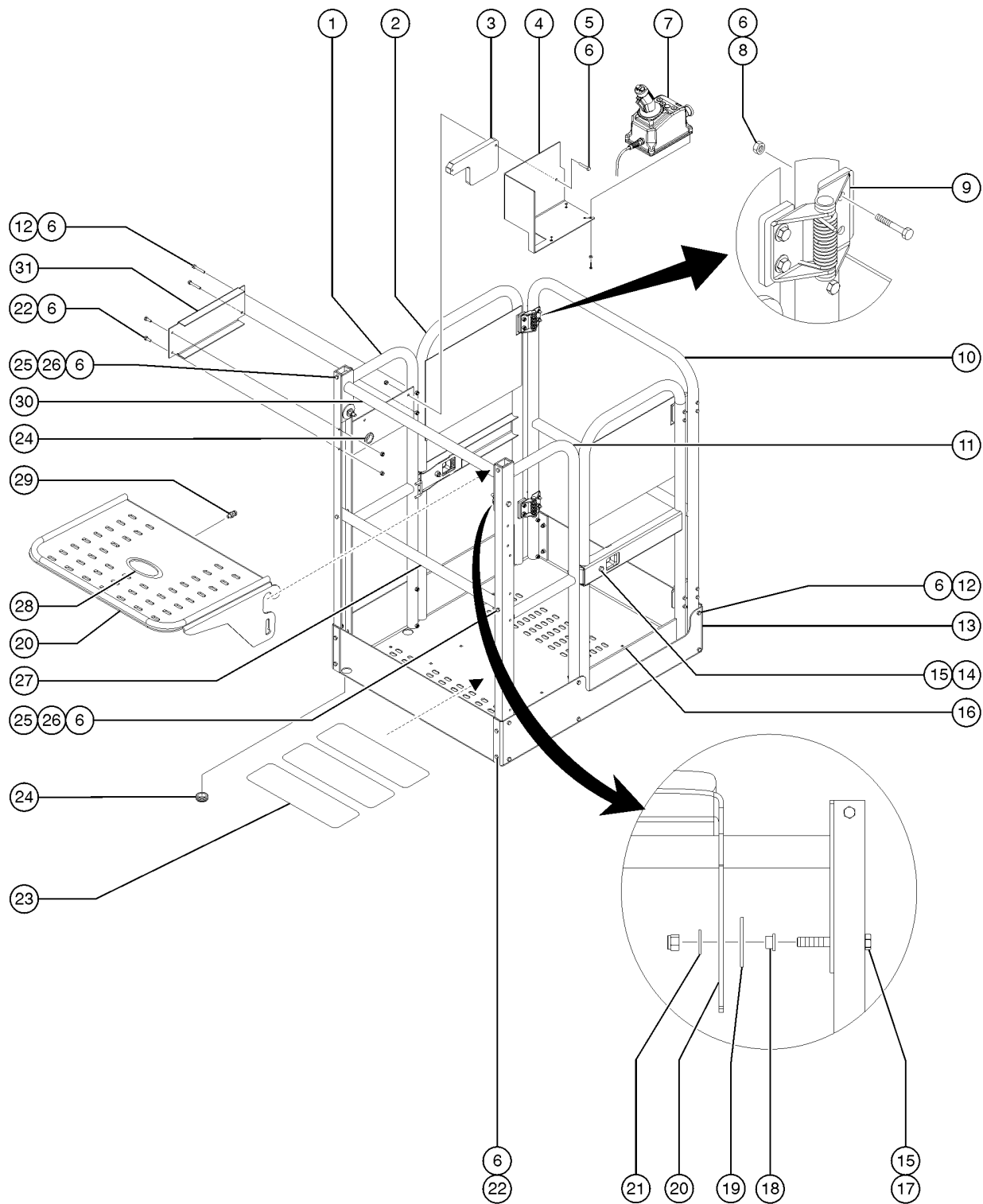
501.1 Platform Assembly



501.1 Platform Assembly

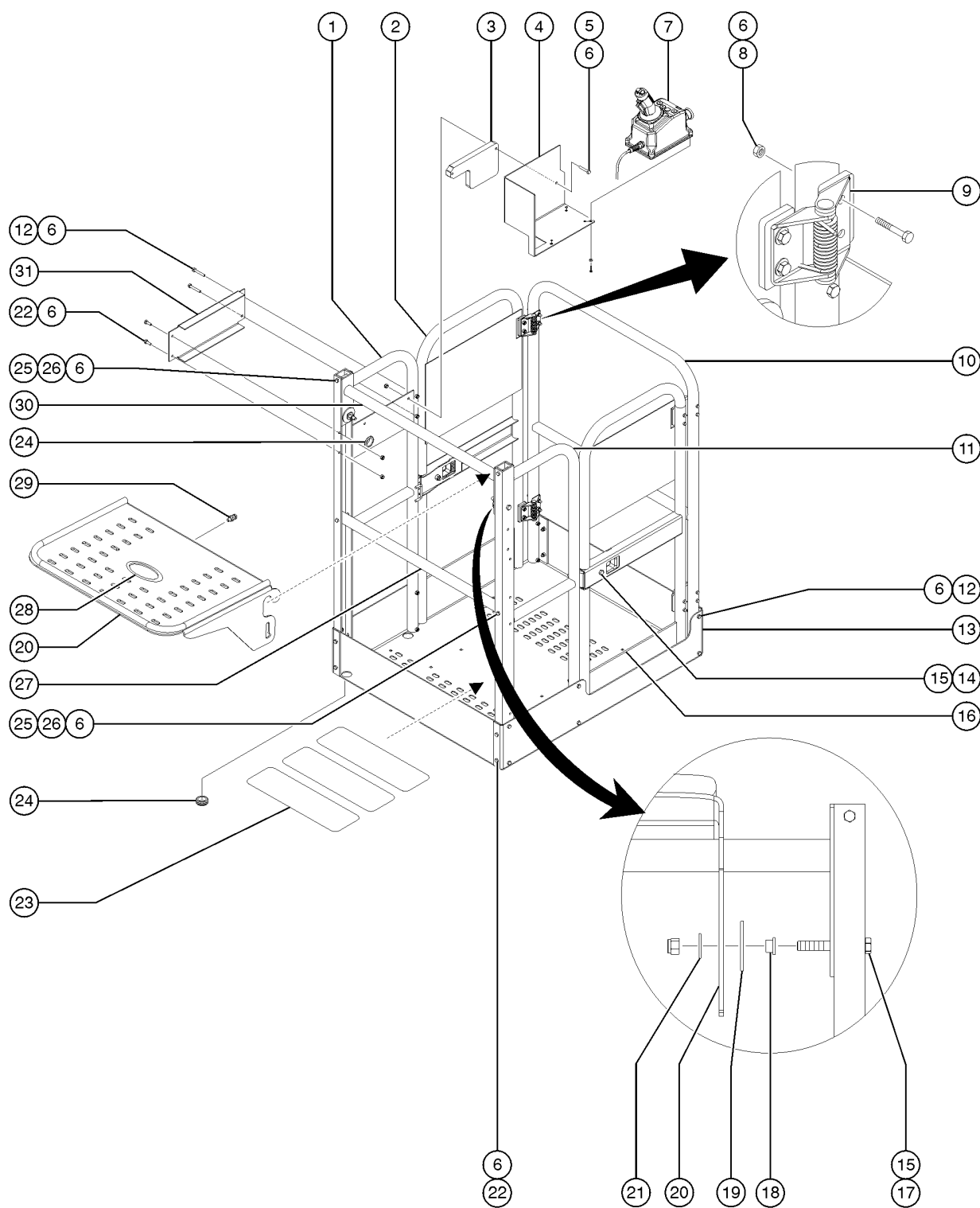
<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
20A	115460GT	QS TRAY,COMP,SYM,QS-12/15 (USA, Canada)	1
21	6097GT	WASHER, FLAT, USS, 3/8", Y	
22	6090GT	SCREW, HHC, 1/4-20 X .75	
23	47231GT	TAPE,NON-SKID,DIE CUT,4"X 16"	3
24	124962GT	GROMMET,RUBBER,1.0 X 1.25X1.5	2
25	6884GT	SCREW,HHC,1/4-20 X 2.5	
26	6638GT	WASHER, FLAT, USS, 1/4"Y	
27	115458GT	MIDRAIL, QS PLATFORM	1
27-	35983GT	HANDLE GRIP,LL	2
27-	124063GT	TAPE,DOUBLE SID,LL	7 in ch es
28	55067GT	GROMMET,RUBBER 3 X .19 X 3.5	1
29	33674GT	PIN,LOCK,SHORT***	1
30	124995GT	WELDMENT, FLUSH TRAY MOUNT	1
31	124462GT	FORMING, GR COIL COVER	1

501.2 Platform Assembly



Item	Part No.	Description	Qty.
	115441GT	PLAT ASSY W/O B.R, QS-20, WORD (USA, Canada)	
	115443GT	PLAT ASSY WITH B.R, QS-20, WORD (USA, Canada)	
	115445GT	PLAT ASSY W/O B.R, QS-20, SYM (USA, Canada)	
	115447GT	PLAT ASSY WITH B.R, QS-20, SYM (USA, Canada)	
1	115448GT	RAILING ASSY, POWER UNIT SIDE	1
2A	115451GT	GATE, PWR UNIT SIDE, QS-20, WRD (USA, Canada)	1
2C	115453GT	GATE, PWR UNIT SIDE, QS-20, SYM	1
3	145019GT	SHIM, PLTFRM CNTRL BOX, STKPKR	1
4	115455GT	BRACKET, PLAT CNTL BOX, QS-R (USA, Canada)	1
4A	115456GT	BRACKET, PLAT CNTL BOX, QS-W (USA, Canada)	1
5	6145GT	SCREW, HHC, 1/4-20 X 1.5	
6	6091GT	NUT, NYLOCK, 1/4-20	
7		Ref. Platform Control Box (refer to 502.1)	
8	4266GT	SCREW, HHC, 1/4-20 X 2	
9	104804GT	HINGE, SPRING, LONG LEG	2
10	100802GT	WELDMENT, ENDRAIL MOUNT, STKPKR	1
11	115449GT	RAILING ASSY, CONT. BOX SIDE	1
12	6637GT	SCREW, HHC, 1/4-20 X 1.75	
13	115457GT	TOEBOARD ASSY W/DEC, QS	1
14	5224GT	SCREW, HHC, 3/8-16 X 2	
15	4828GT	NUT, NYLOCK, 3/8-16	
16	115454GT	GATE ASSY, GND CNTL SIDE, WORD (USA, Canada)	1
16-	66544GT	LATCH HANDLE	2
16-	22446GT	SPRING, COMPRESSION .835 X 2	2
17	14033GT	SCREW, HHC, 3/8-16 X 2.75	
18	33720GT	BEARING, FLANGE, 3/8 (AWP & ST)	2
19	145062GT	WASHER, HDPE, .125X.720ID X 2.0D	
20	115459GT	QUICKSTOCK TRAY, COMP, WORD (USA, Canada)	1

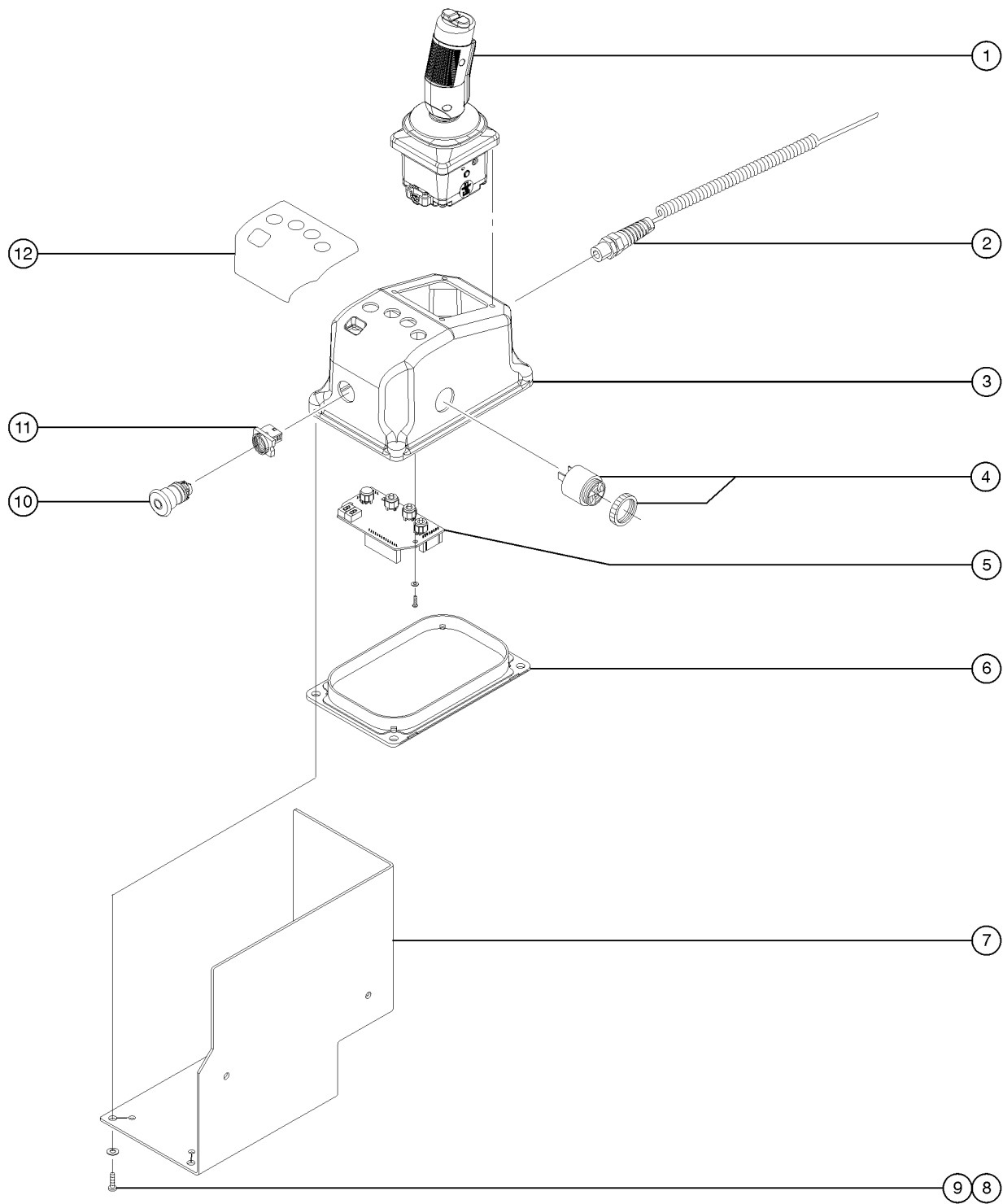
501.2 Platform Assembly



501.2 Platform Assembly

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
20B	115461GT	QS TRAY,COMP,SYM,QS-20 (USA, Canada)	1
21	6097GT	WASHER, FLAT, USS, 3/8", Y	
22	6090GT	SCREW, HHC, 1/4-20 X .75	
23	47231GT	TAPE, NON-SKID, DIE CUT, 4"X 16"	3
24	124962GT	GROMMET, RUBBER, 1.0 X 1.25X1.5	2
25	6884GT	SCREW, HHC, 1/4-20 X 2.5	
26	6638GT	WASHER, FLAT, USS, 1/4"Y	
27	115458GT	MIDRAIL, QS PLATFORM	1
27-	35983GT	HANDLE GRIP, LL	2
27-	124063GT	TAPE, DOUBLE SID, LL	7
28	55067GT	GROMMET, RUBBER 3 X .19 X 3.5	1
29	33674GT	PIN, LOCK, SHORT***	1
30	124995GT	WELDMENT, FLUSH TRAY MOUNT	1
31	124462GT	FORMING, GR COIL COVER	1

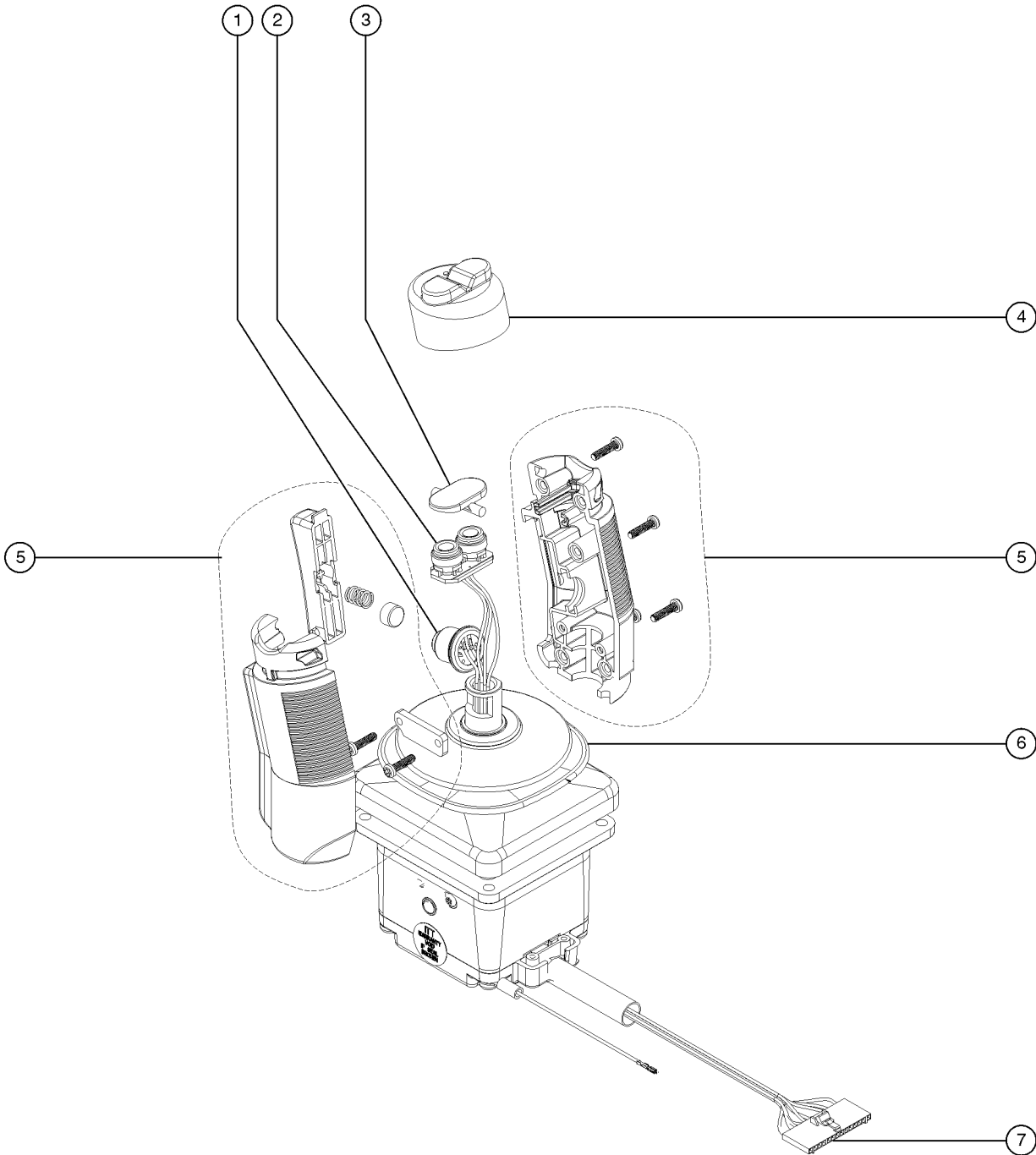
502.1 Platform Controls



502.1 Platform Controls

Item	Part No.	Description	Qty.
A-	100840GT	PLATFORM CONTROL BOX GEN 5 (does not include item 7)	
B-	1288154GT	KIT,PLATFORM CONTROL GUAR	
1		Ref. Joystick Controller (refer to 503.1)	
2	144065GT	KIT,GEN 5 COIL CORD (kit, includes connector, coil cord, instructions, dielectric grease and cable tie; see below)	1
3	100998GT	ENCLOSURE GEN 5	1
4	62164GT	ALARM ASSY,12VDC,ITT,4 PIN**** Does not include 72326 nut	1
4-	72326GT	NUT - PLASTIC, RING FOR ALARMS	
5	109503GT	PLAT CONTROL CIRCT BRD ASSY G5	1
5-	105662GT	CLEAR SWITCH ACTUATOR	
5-	T108044GT	CLEAR SWITCH ACTUATOR(QTY 10)	
6	100999GT	COVER BOTTOM GEN 5	1
7	115455GT	BRACKET,PLAT CNTL BOX,QS-R (USA, Canada)	1
7A	115456GT	BRACKET,PLAT CNTL BOX,QS-W (USA, Canada)	1
8	7339GT	SCREW,HHC,1/4-20 X .5	
9	6638GT	WASHER, FLAT, USS, 1/4"Y	
10	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
11	66817GT	E-STOP W/ NC CONTACT	1
11-	66818GT	CONTACT,NC	
12		Ref. Platform Control Panel Decal (refer to 101.1 or 102.1)	

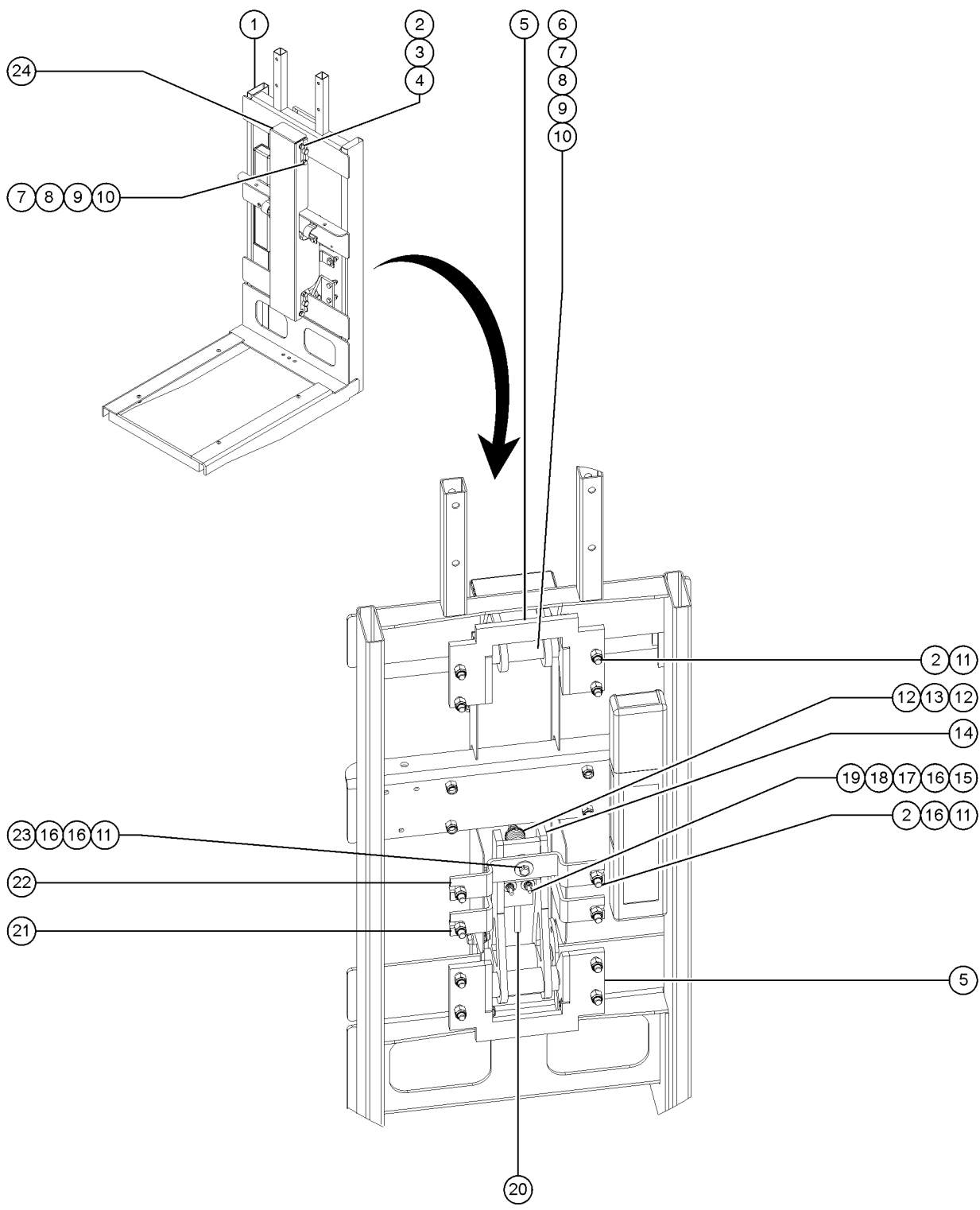
503.1 Joystick Controller



503.1 Joystick Controller

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
A-	78903GT	JOYSTICK,SINGL AXIS,HALL,SLAB* Before ordering, please identify and contact Genie customer support to confirm the joystick installed on your machine.	
B-	78903HGT	JOYSTICK,SINGL AXIS,POT,SLAB aftermarket joystick	
1	105171GT	KIT,JOYSTICK ENABLE SWITCH	1
2	105108GT	STEER SWITCH REPAIR KIT***	1
3	105109GT	TURN SWITCH ACTUATOR,JOYSTICK**	1
4	97015GT	BOOT,THUMB ROCKER***	1
5	97014GT	JOYSTICK HANDLE SET, COMPLETE	1
6	97013GT	BOOT, JOYSTICK~	1
7	105172GT	KIT, PLATFORM PC RECEPT/SOC	1

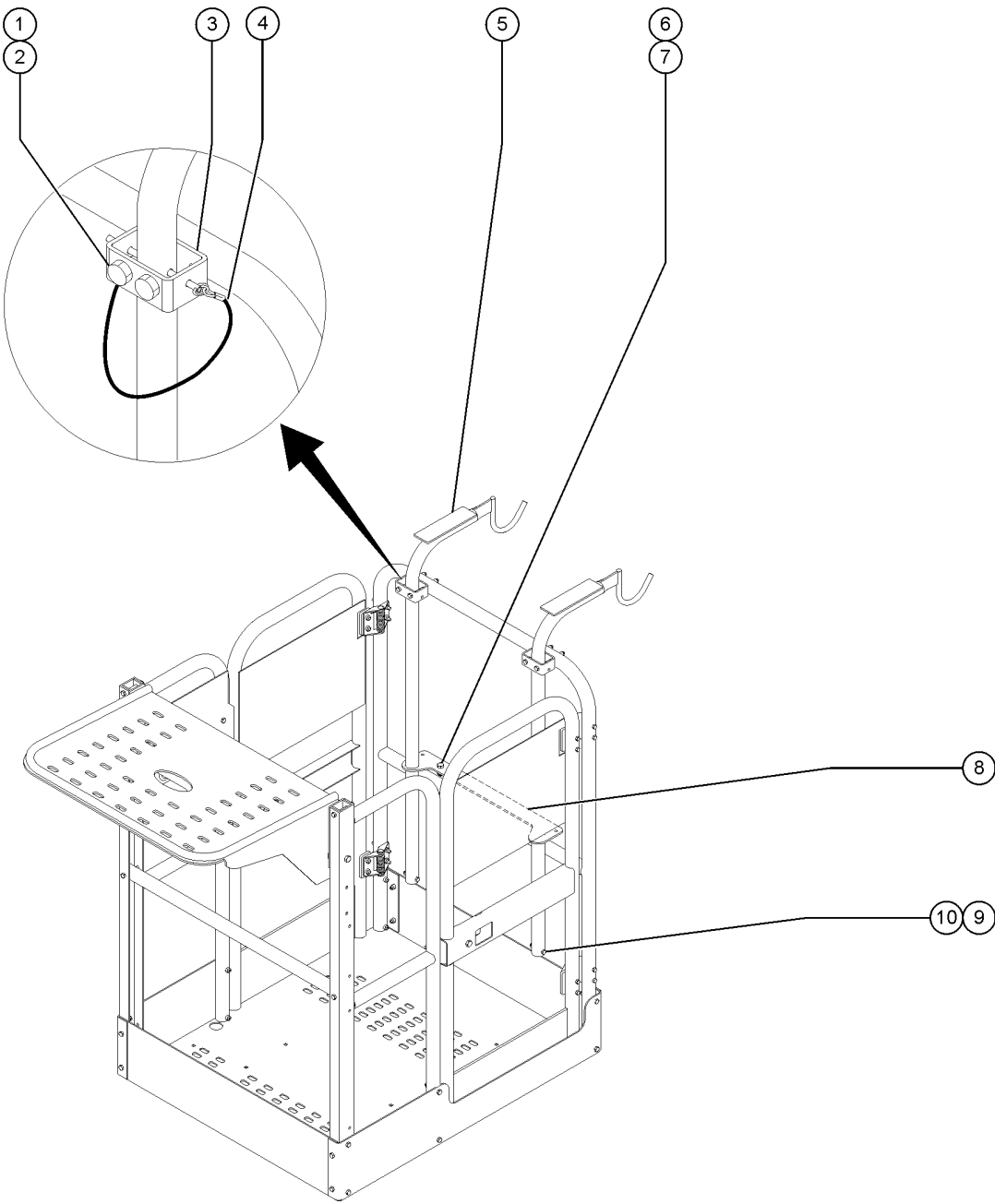
504.1 Platform Overload Assembly



504.1 Platform Overload Assembly

Item	Part No.	Description	Qty.
1	124626GT	PLATFORM SUPPORT ASSY,CE SYM	
2	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
3	6021GT	WASHER, LOCK, .375	
4	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	
5	100530GT	WELDMENT, LOAD SENSE CARRIAGE	2
6	1254350GT	ASSY,LOWER LINK,GR (includes bearings, 39581)	1
6-	39581GT	BEARING,0.75IDX1.00ODX0.50L	4
7	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
8	825020GT	ROD END, .25 X 2.75, ZAG	
9	124680GT	PIN,0.75DIAX5.13LG,CHAMFER	4
10	6782GT	NUT, NYLOCK, 5/16-18	
11	4828GT	NUT, NYLOCK, 3/8-16	
12	61975GT	RETAINER,SPRING,1.21 X .375	2
13	61974GT	SPRING,COMP,1" OD,232 LB/IN	1
14	1254351GT	ASSY,PIVOT LINK,GR (includes bearings, 39581)	1
14-	39581GT	BEARING,0.75IDX1.00ODX0.50L	4
15	15513GT	NUT,HEX,10-32	
16	6607GT	WASHER,LOCK,#10 PLTD	
17	35461GT	WASHER,FLAT,MS,#8,Y	
18	6638GT	WASHER, FLAT, USS, 1/4"Y	
19	75041GT	SCREW,PHILLIPS,PHM,10-32 X 1	
20	99183GT	SWITCH, ROLLER PLUNGER LIMIT	1
21	100825GT	FORMING, LIMIT SWITCH CARRIER	1
22	100824GT	FORMING, SPRING CARRIER	1
23	8352GT	SCREW,HHC,3/8-16 X 3.75 GD 5	
24	100826GT	FORMING, LOADSENSE COVER	1

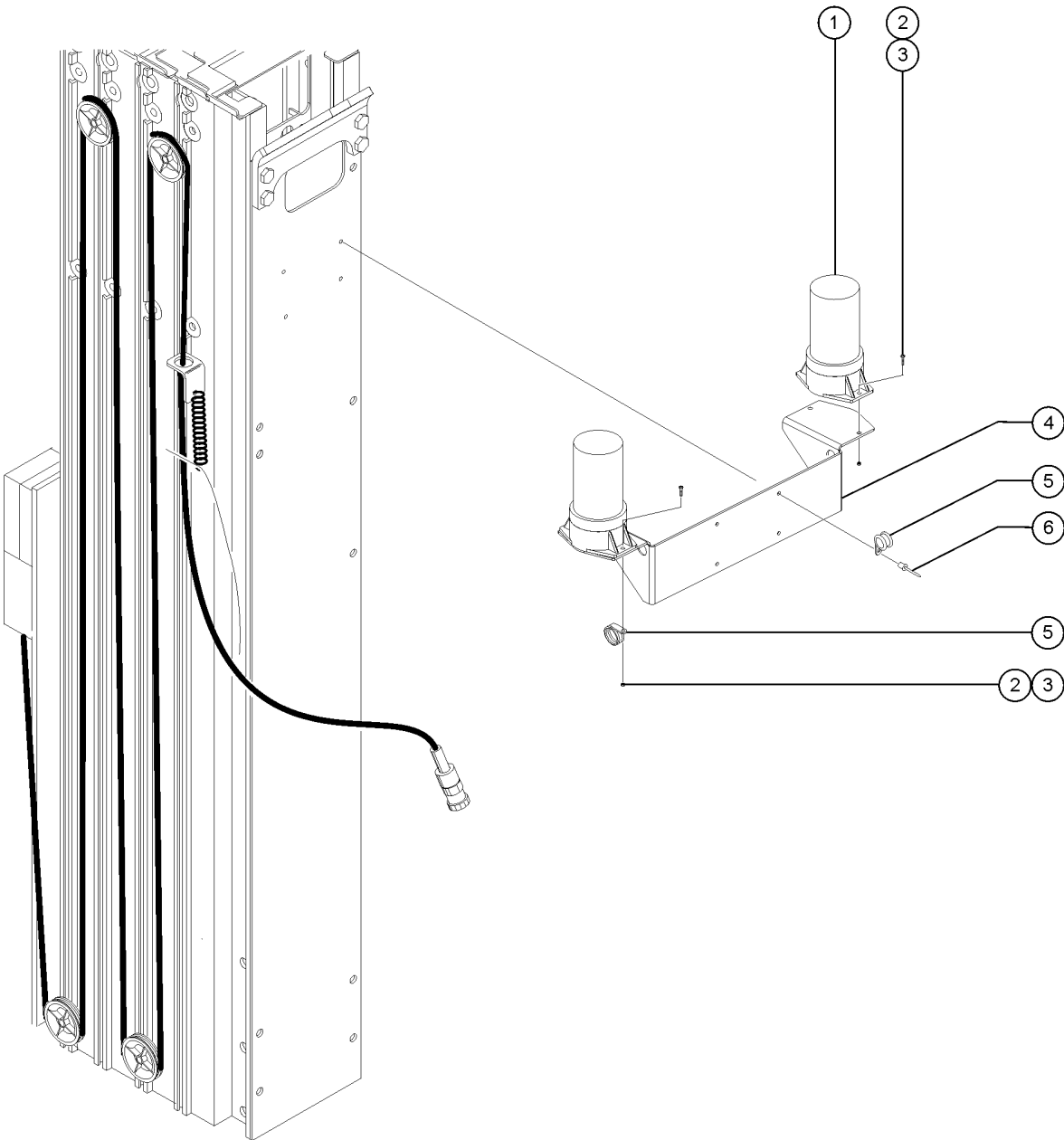
601.1 Bike Rack



601.1 Bike Rack

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
—	115432GT	BIKE RACK, STOCKPICKER, GR GR, QS	
1	50160GT	SCREW,HHC,1/4-20 X 3.75	
2	6091GT	NUT, NYLOCK, 1/4-20	
3	100028GT	TUBE, BIKE RACK SOCKET	2
4		RETAINING PIN ASSY, BIKE RACK	1
5A	145309GT	ASM, BIKE HOOK, WORD DECALS	2
5B	145310GT	ASM, BIKE HOOK, SYMBOL DECALS	—
6	6175GT	SCREW,HHC,3/8-16 X 1	
7	4828GT	NUT, NYLOCK, 3/8-16	
8	100926GT	PLATE, BIKE RACK SUPPORT	1
9	6637GT	SCREW,HHC,1/4-20 X 1.75	

602.1 Flashing Beacon, QS-R



602.1 Flashing Beacon, QS-R

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1A	231931GT	STROBE, BEACON, AC COMP, 12-80V to SN 185; replaced 105107	2
1A-	105557GT	REPLACE BULB,FLASHING BEACON	
1A-	105556GT	REPLACE COVER,FLASHING BEACON	
1B	231931GT	STROBE, BEACON, AC COMP, 12-80V from SN 186	2
1B-	105557GT	REPLACE BULB,FLASHING BEACON for 231931	
1B-	105556GT	REPLACE COVER,FLASHING BEACON for 231931	
2	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	
3	6178GT	NUT, NYLOCK, 10-32	
4A	115462GT	BRACKET,BEACON MOUNT,110V	1
4B	145311GT	BRACKET,BEACON MOUNT,220V	—
5	45470GT	CLAMP,0.31,#5 X 1/4,RUB CUSH	2
6	38600GT	RIVET,STL,STL,.156 X .50	

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5361GT	39, 43, 47, 51	9145GT	39, 43, 47	35461GT	195
5397GT	105, 109, 113, 121, 131, 135...	11808GT	101, 111, 115, 117, 119, 121...	35695GT	141, 143, 147
6019GT	105, 109, 115, 195	11890GT	141, 143, 147	35697GT	141, 143, 147
6021GT	85, 113, 121, 123, 127, 131...	12016GT	53, 125	35698GT	141, 143, 147
6052GT	107, 111, 115, 123, 129, 133, 137, 141, 143	12343GT	39, 43, 47	35699GT	141, 143, 147
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6090GT	81, 131, 139, 151, 153, 155...	12906GT	151, 153, 155	35704-5313GT	141, 143
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6097GT	39, 43, 47, 53, 65, 69...	14033GT	183, 187	35706GT	101, 111, 115, 117, 119, 121...
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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.