



Bendi B55AC / B55AC HL Parts Manual



LANDOLL CORPORATION

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Chapter 1

Instructions for Ordering Parts

ORDER PARTS FROM LANDOLL PARTS DISTRIBUTION CENTER

PHONE NO.: 1-800-423-4320 OR 785-562-5381

FAX NO.: 785-562-4892

IDENTIFICATION PLATE

The identification plate, which lists the rated capacity, serial number, and other vehicle characteristics, is located under the overhead guard. (See Figure 1-1.)

SERIAL NUMBER NOMENCLATURE

The serial number for the Bendi forklift and mast is located on the identification plate. The following information will help decode the Bendi serial number:

B55/wwAC-yymms-xxxxx

ww	= 44 for 44" frame width
yy	= last digit of year of manufacture (ex. "09" means 2009, "11" means 2011)
mm	= month of manufacture
s	= component series; such as "K"
xxxxx	= frame number

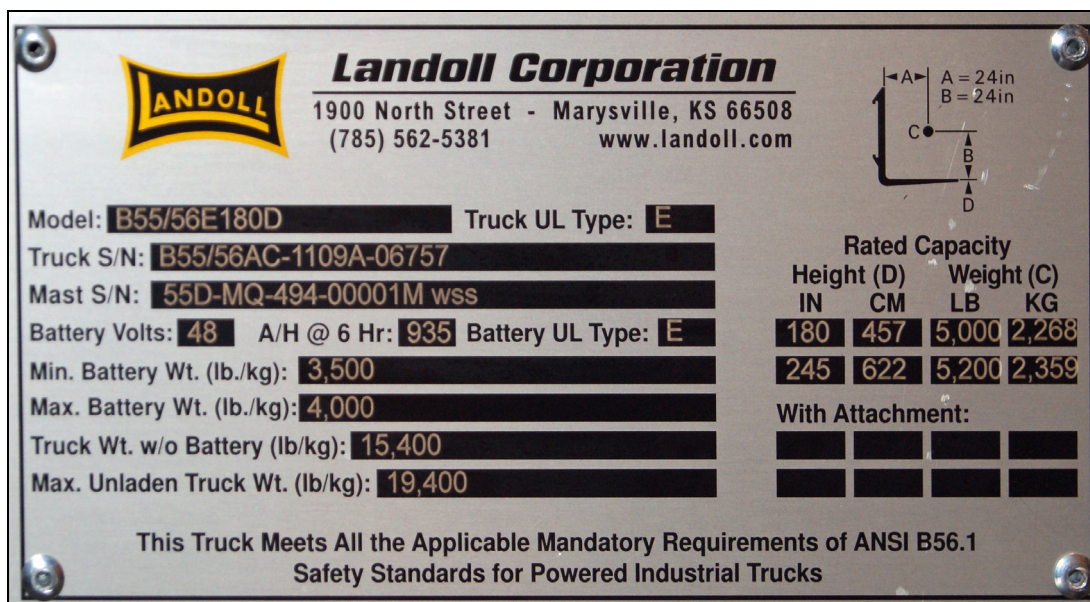


Figure 1-1: Identification Plate

Table provided for your general use with this manual.

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Illustrated Parts List

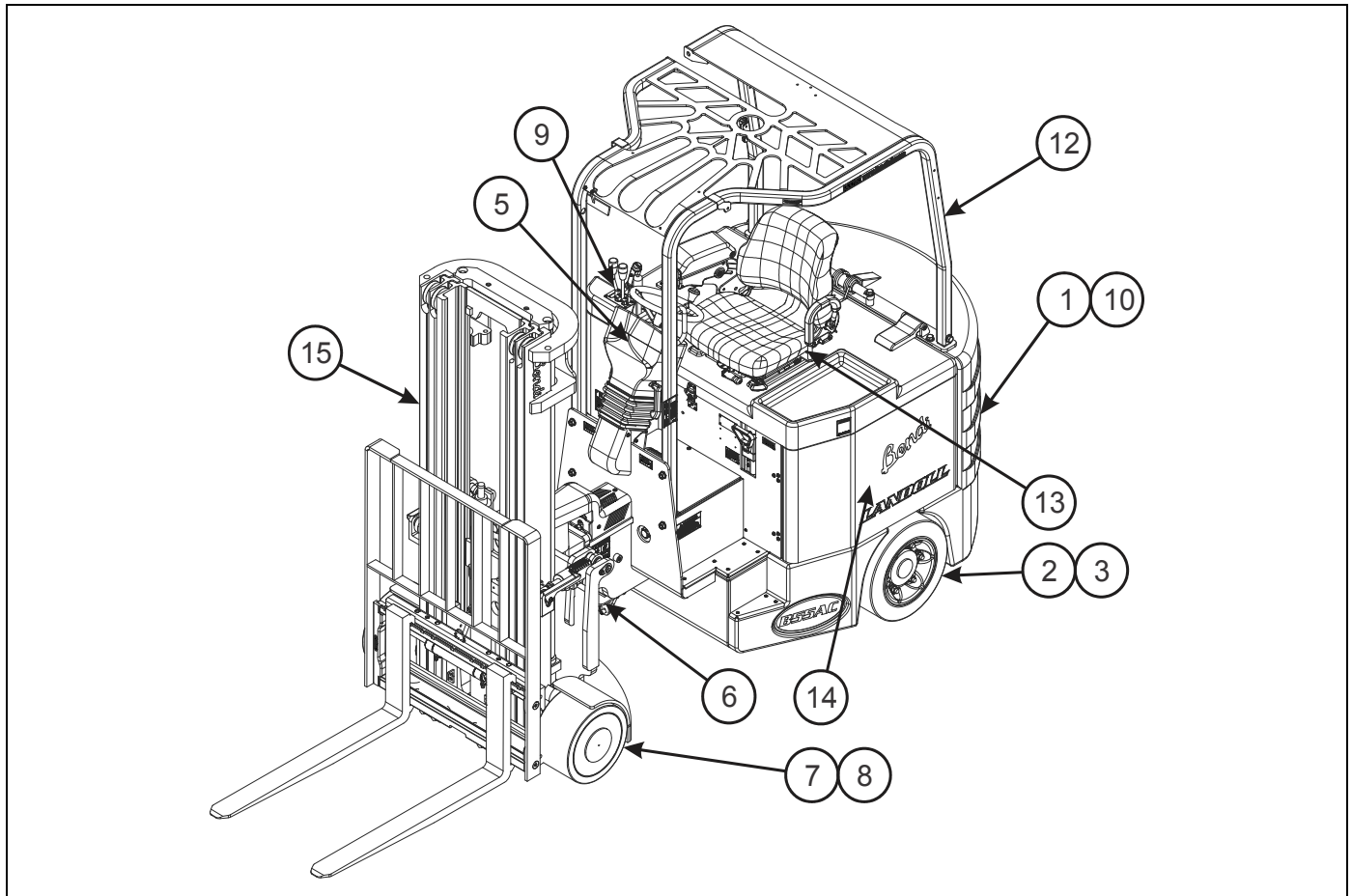
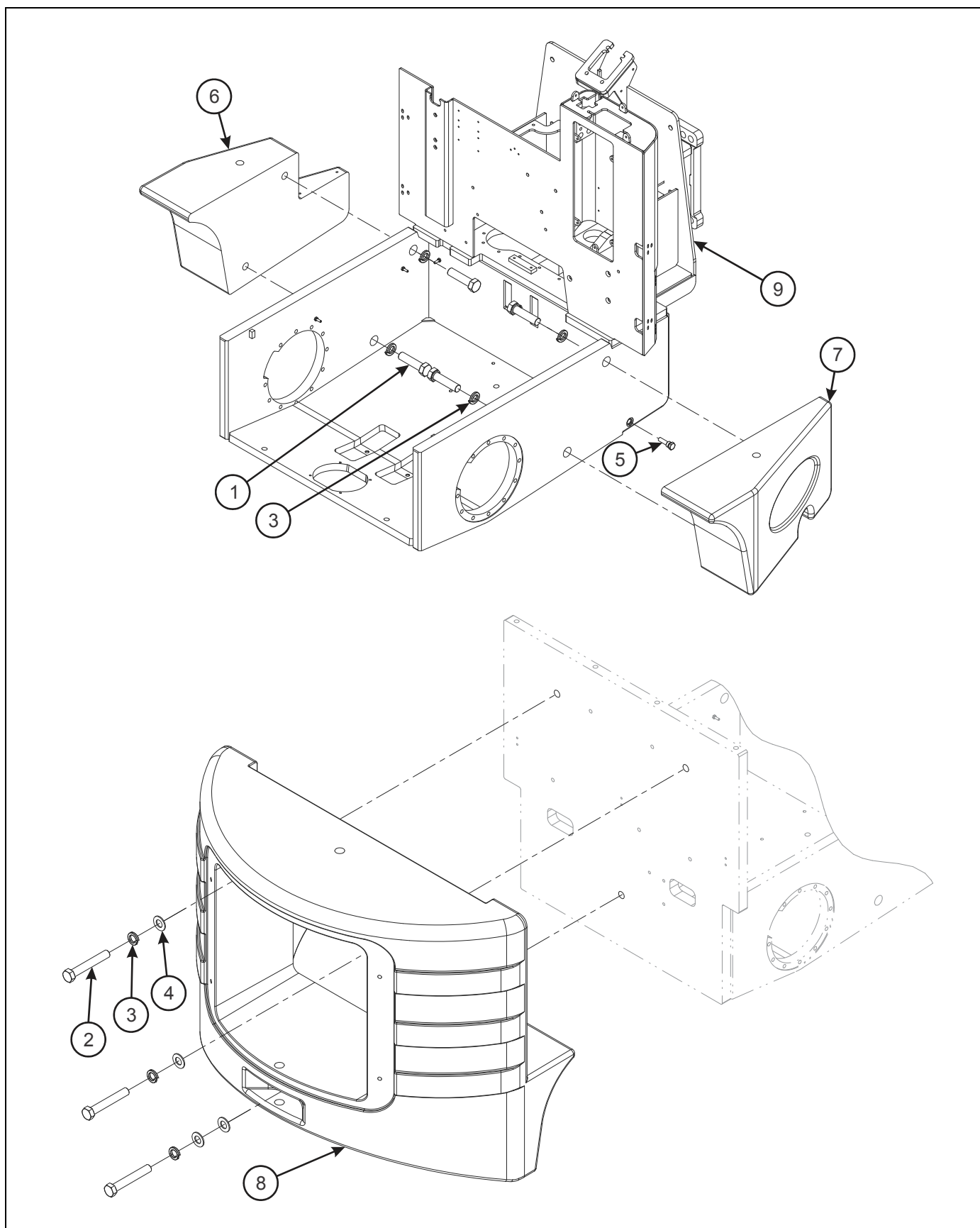


Figure 2-1: General Assembly

General Assembly

ITEM	PAGE NO.	DESCRIPTION
1	2-2 - 2-5	COUNTERWEIGHTS & COOLING FANS
2	2-6 - 2-13	DRIVE AXLE
3	2-9 - 2-14	BRAKE SYSTEM
4	2-16 - 2-17	HYDRAULIC SYSTEM (NOT SHOWN)
5	2-20 - 2-27	STEERING SYSTEM
6	2-28 - 2-34	FRONT ROTATION
7	2-35 - 2-55	TILT SYSTEM & FRONT AXLE - B55 ONLY
8	2-40 - 2-42	FRONT AXLE - B55HL ONLY
9	2-43 - 2-51	HYDRAULIC CONTROL VALVE
10	2-56 - 2-59	ELECTRIC CONTROL PANEL
11	2-60 - 2-69	ELECTRICAL DIAGRAMS (NOT SHOWN)
12	2-70 - 2-71	OVERHEAD GUARD
13	2-77 - 2-79	OPERATOR'S SEAT
14	2-86 - 2-95	DOORS & BATTERY COMPARTMENTS
15	2-96 - 2-103	MAST
16	2-105 - 2-107	DECALS (NOT SHOWN)
17	2-108	OPTIONS/ACCESSORIES (NOT SHOWN)

**Figure 2-2: Counterweight Assembly**

Counterweight Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
1	1-654-010125-13	SCREW,HX CP 1-8UNCX4, GR8	4
2	1-654-010125-18	SCREW HEX CAP,1-8UNCX6-1/2GR8	3
3	1-861-010034-21	WASHER, LKG HEL SPRG 1IN	7
4	110-7389	1 IN SAE FLAT WASHER ZP	4
5	127759	PLUG MAGNETIC #8 SAE 3/4-16	1
6	157518	COUNTERWEIGHT, B55 LH	1
7	157519	COUNTERWEIGHT, B55 RH	1
8	157520	COUNTERWEIGHT, B55 REAR	1
9	159787	FRAME WLDMT B55-5/56	1
	165908	FRAME WLDMT, BJGB55HL-5/56	1

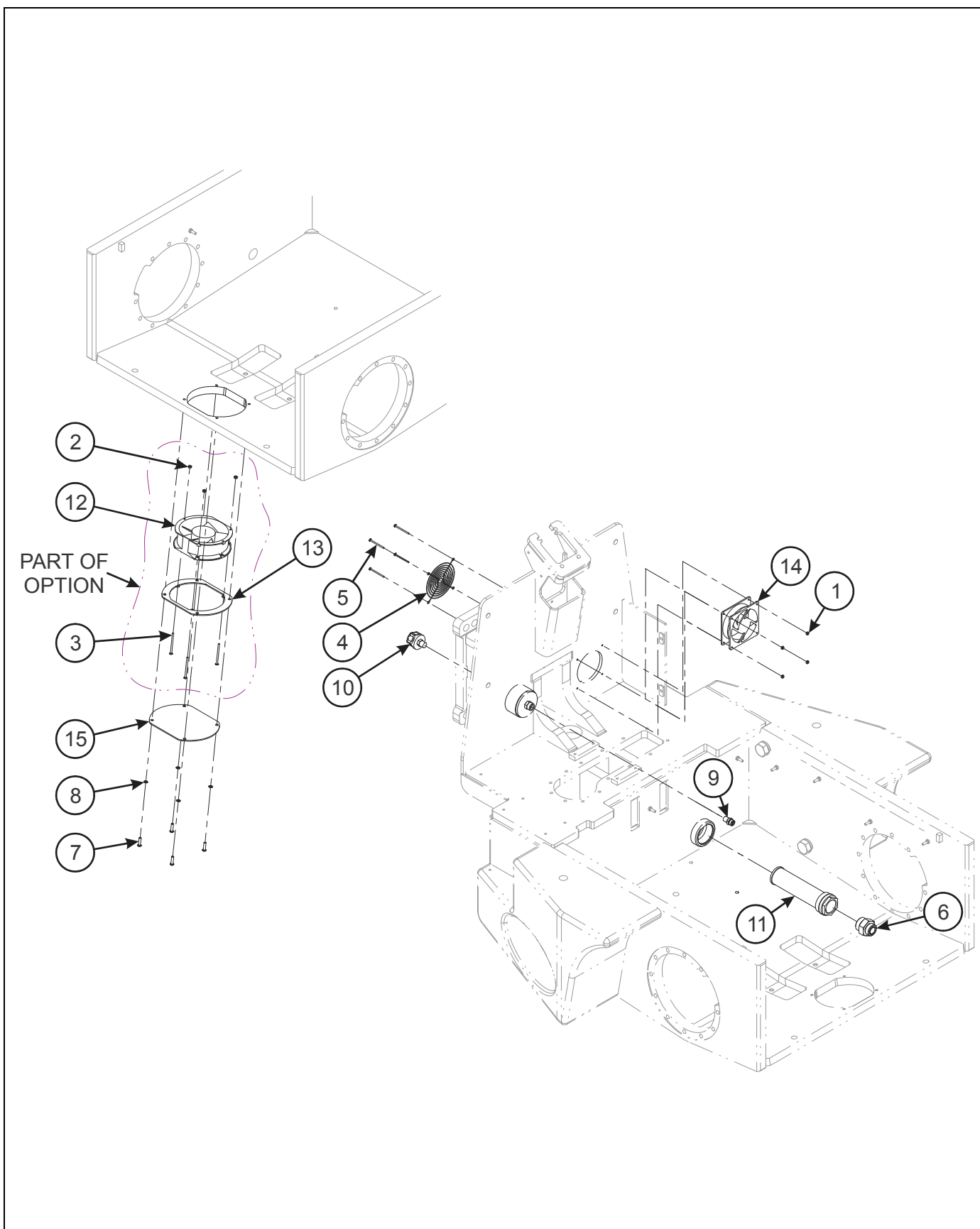


Figure 2-3: Cooling Fan Assemblies

Cooling Fan Assemblies

ITEM	PART NO.	DESCRIPTION	QTY.
1	1-512-010003-02	NUT,HEX,SLFLKG W/NYL #6-32	4
2	1-512-010003-03	NUT,HX 8-32,SLF-LKG W/NYL	3
3	1-656-010003039	SCREW,8-32X2-3/4 RD HD MACHZP	3
4	101275	GRILL, LIFTTRUCK FAN	1
5	101863	SCREW 6-32X2-1/4	4
6	102048	ADAPTER,#20 ORB X #16 ORS ST	1
7	108610	SCREW BHSC 1/4-20UNCX1	4
8	108797	WASHER 1/4 LKG INT TOOTH	4
9	123910	ADAPTER,#6ORS X #6NPT,CONNECT	1
10	125056	BREATHER,SER 4 HYDRAULIC TANK	1
11	126088	STRAINER, TANK SAE #20 O-RING	1
12	130148	FAN,SER4 300 CFM COOLING 6" (SEE PAGE 2-84)	1
13	130150	PLATE,SER4 FAN MOUNT	1
14	130667	FAN,SER 4 135 CFM COOLING 4"	1
15	152836	PLATE,BT FAN DELETE	1

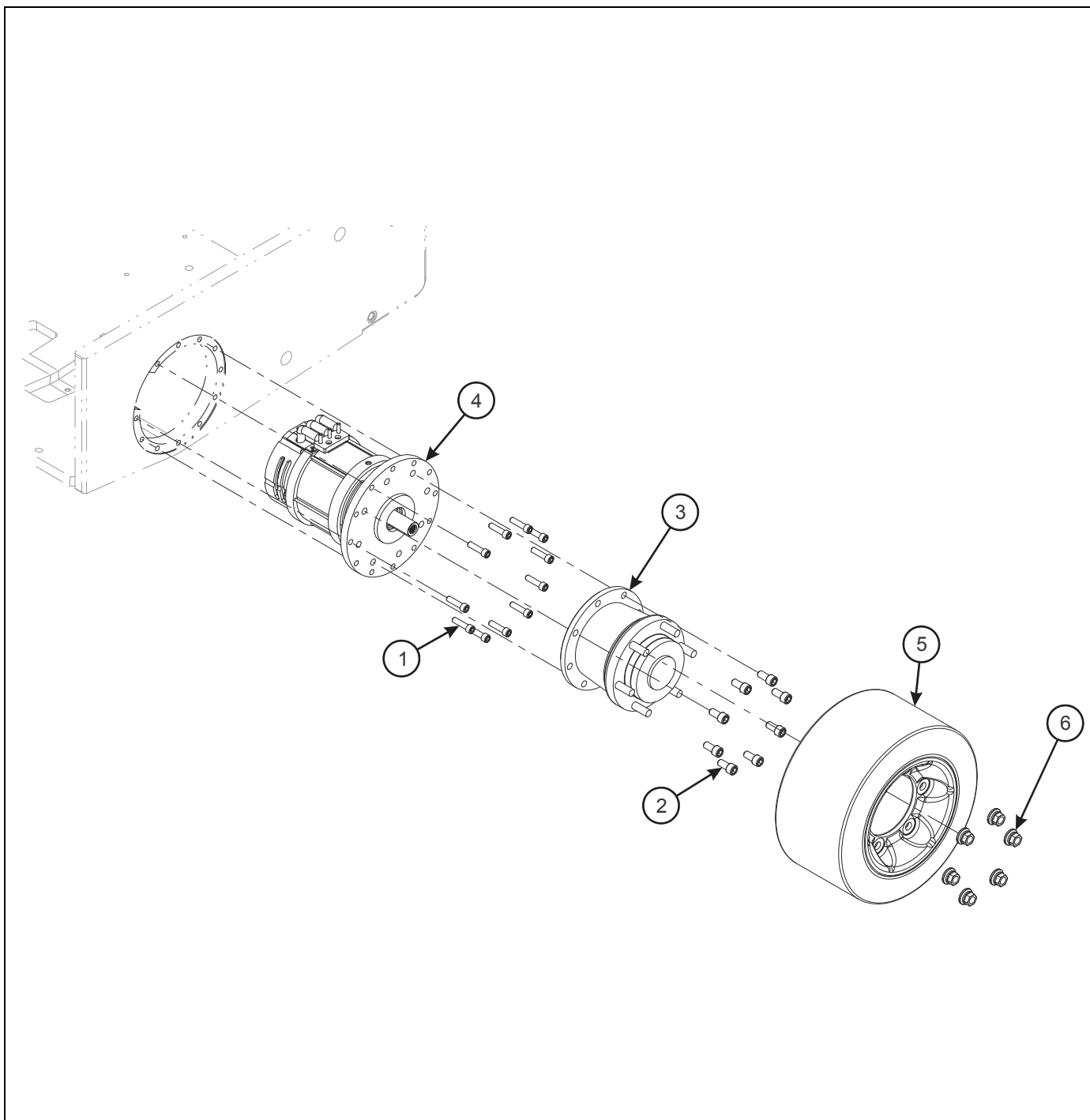


Figure 2-4: Drive Wheel & Motor Assembly

Drive Wheel & Motor Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
1	128077	SCREW HX SKT 1/2-20X2	22
2	131848	SCREW,HX SKT M16-2.0X35,12.9	16
3	142229	GEARBOX,BREVINI 29:1 (SEE PAGE 2-7)	2
4	143341	MOTOR,5.7KW AC FLANGE MOTOR (SEE PAGE 2-8)	2
5		WHEEL ASSEMBLY (SEE PAGE 2-13)	2
6	131455	LUG NUT, BREVINI M18 X 1.5	12

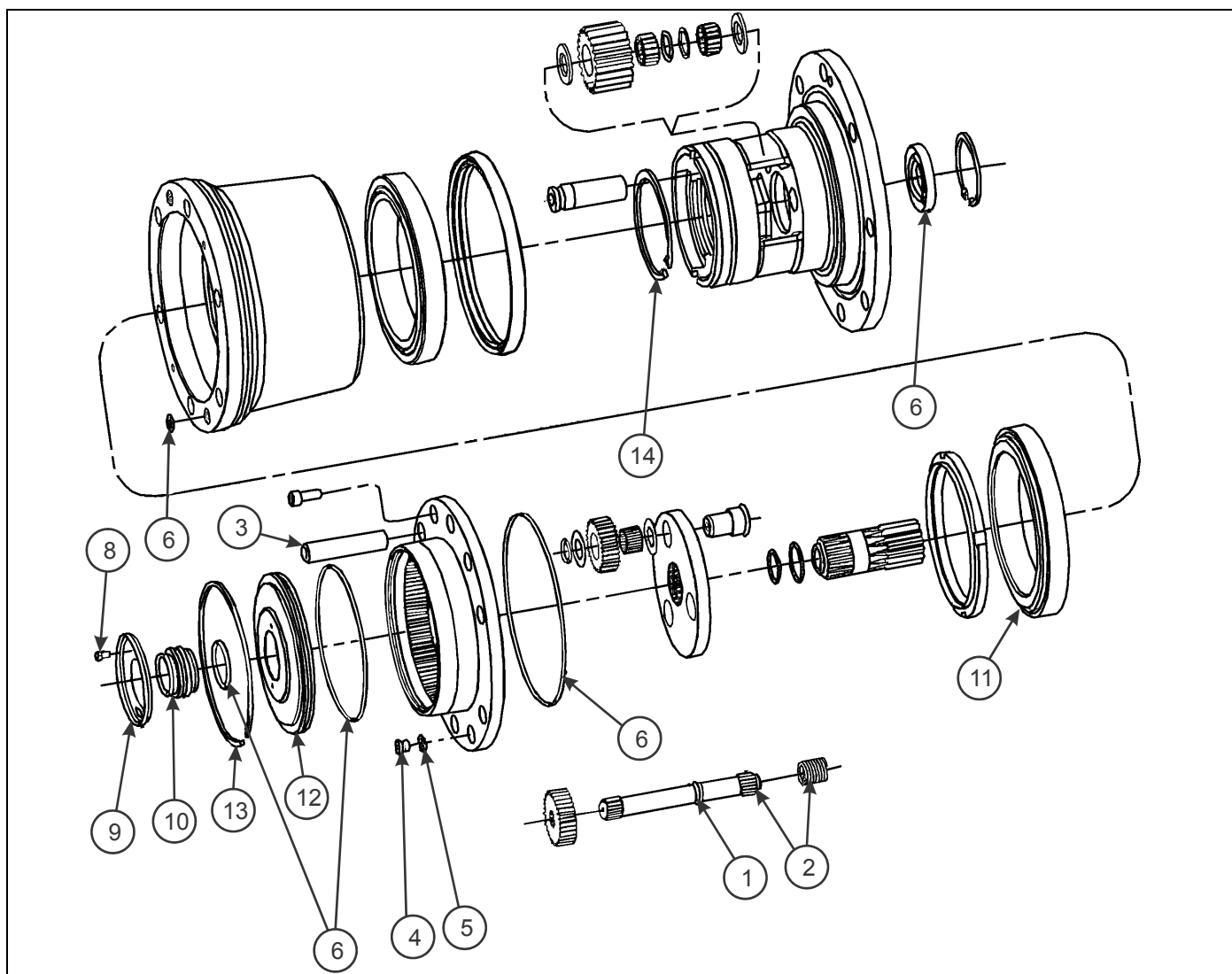


Figure 2-5: Brevini 29:1 Inline Gearbox

Brevini 29:1 Inline Gearbox

ITEM	PART NO.	DESCRIPTION	QTY.
	142229	GEARBOX,BREVINI 29:1	
1	127519	SHAFT, BREVINI GEARBOX DRIVE	1
2	131075	TRANSFER SHAFT W/SPRING	1
3	131076	STUD M18X1.5 (37002840000)	6
4	131077	PLUG M10X1 DIN908	1
5	131078	WASHER-DIN7603-A 10X15-CU	1
6	131079	SEAL KIT FOR P/N 124201	1
7	131455	LUG NUT, BREVINI M18X1.5 (NOT SHOWN)	6
8	136304	SCREW, COVER, GEARBOX	2
9	136305	COVER, GEARBOX CENTER CIRCLIP	1
10	136306	THRUST PLUG, GEARBOX CENTER	1
11	148080	OIL SEAL FOR 124201 GEAR BOX	1
12	148954	COVER	1
13	148955	RING	1
14	149546	CIRCLIP	1

ILLUSTRATED PARTS LIST

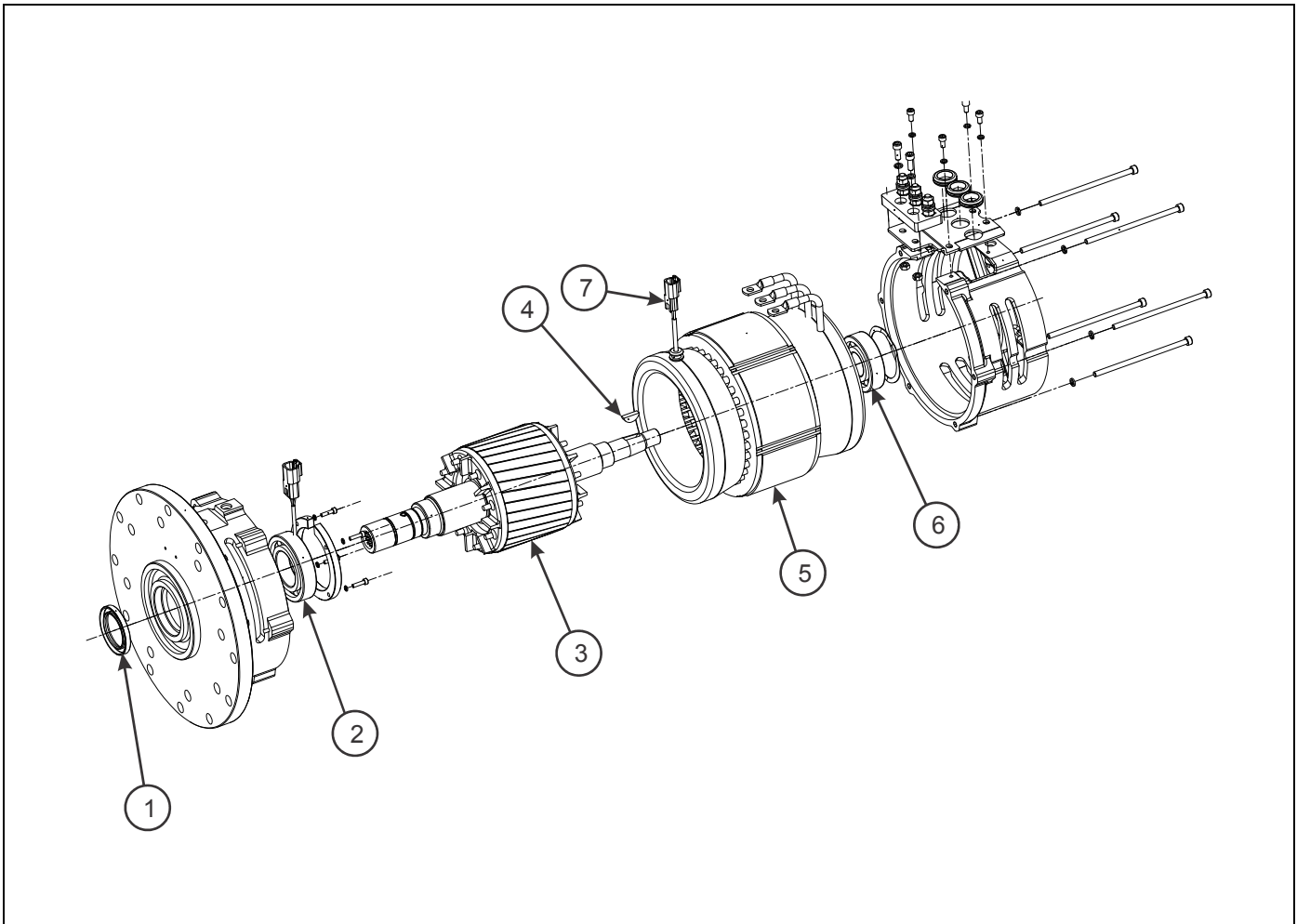


Figure 2-6: AC Shaft Drive Motor Assembly

AC Shaft Drive Motor Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
	143341	MOTOR,5.7KW AC FLANGE MOTOR	
1	155325	SEAL,BT AC DRIVE MTR SHFT	1
2	155294	BEARING,BTAX DRIVE MTR SENSOR	1
3	155326	ROTOR, 5.7KW DRIVE MTR	1
4	6X9MM KEY	KEY 6X9MM WOODRUFF	1
5	155327	STATOR,5.7KW DRIVE MTR	1
6	155295	BEARING,BT AC DRIVE MTR	1
7	155296	SENSOR, AC MOTOR THERMAL	1

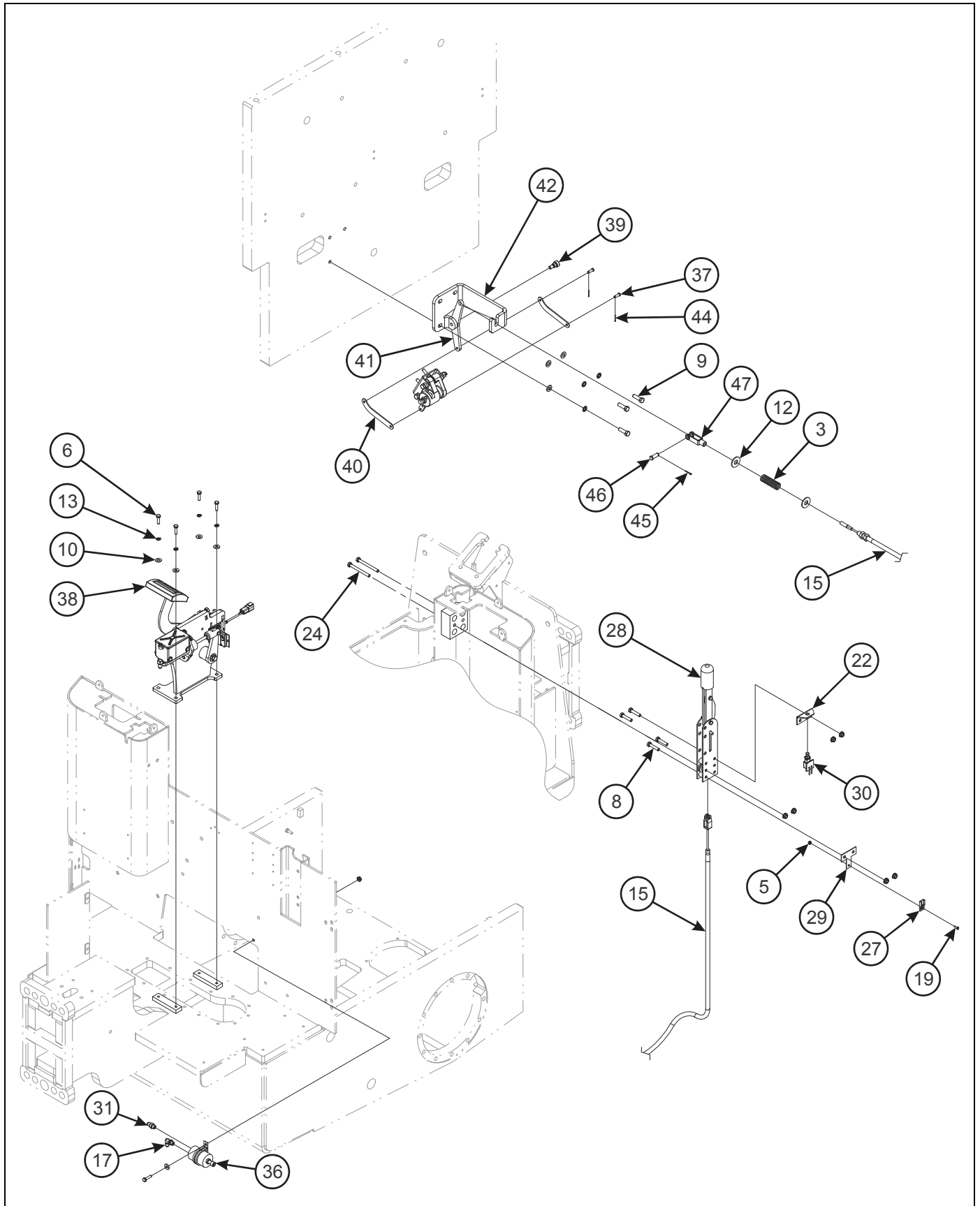
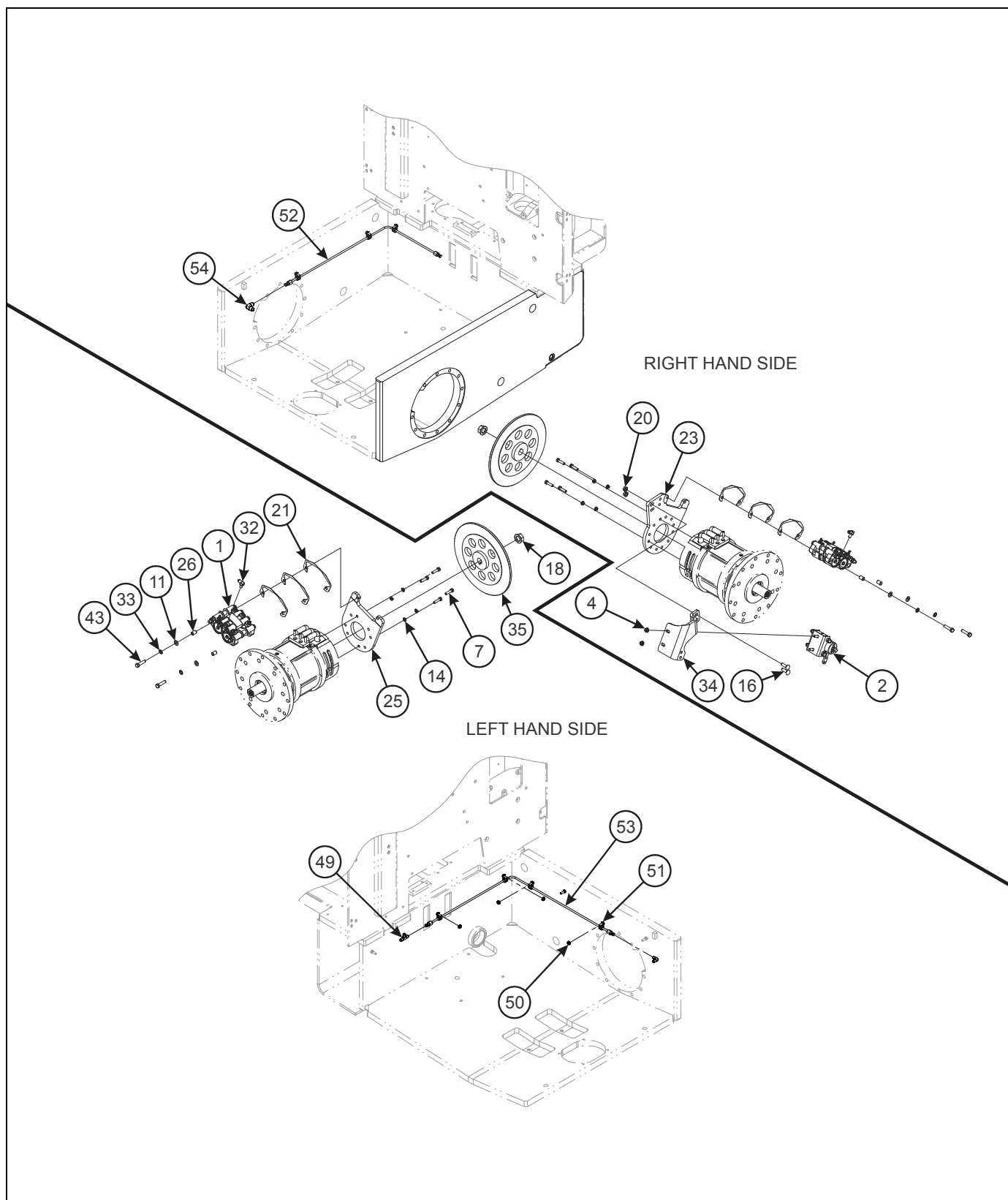


Figure 2-7: Brake System Assembly (1 of 2)

**Figure 2-8: Brake System Assembly (2 of 2)**

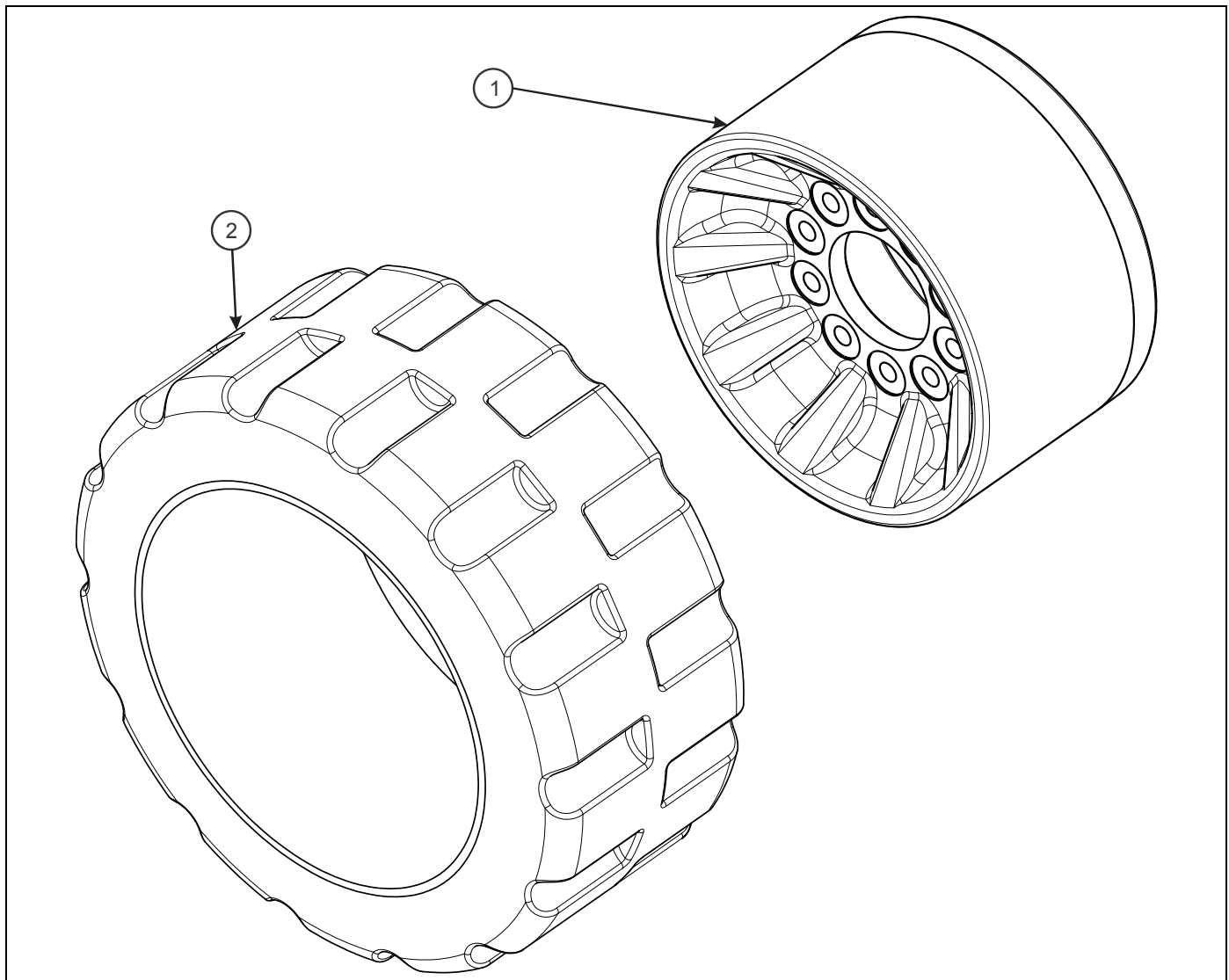
Brake System Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
1	0012324	CALIPER ASSEMBLY BENDI	2
2	0012325	PARKING BRAKE CALIPER	1
3	0013512	BRAKE, SPRING PARK	1
4	1-510-010004-03	NUT HX FLANGE, 5/16-18 GR8	8
5	1-512-010003-03	NUT,HX 8-32,SLF-LKG W/NYL	1
6	1-654-010047-06	SCREW,HX CP 1/4-20UNCX1 GR5	5
7	1-654-010049-06	SCREW,H/CAP,5/16-18UNCX1-1/4	8
8	1-654-010049-07	SCREW,HX CP 5/16-18UNCX1-1/2	4
9	1-654-010051-06	SCREW,HEX CAP 3/8-16UNCX1-1/4	3
10	1-861-010032-07	WASHER,FLAT 1/4 ZP	5
11	1-861-010032-10	WASHER, FLAT 3/8" N ZP/CD	7
12	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD	2
13	1-861-010034-09	WASHER, LKG HLCL SPR, 1/4	4
14	1-861-010034-10	WASHER,LKG 5/16	8
15	101564	CABLE, CLEVIS END BRAKE	1
16	101864	SCREW,RD HD 3/8-16X1-1/4 GR5	2
17	102-0188	FTG,90 EL 04SAEM X 04 O-RING	1
18	106049	NUT,HEX FLG 3/4-16, GR8, ZP	2
19	107-0762	SCR SLOT PAN HD #8-32X1/2	1
20	107470	NUT,SPIRALOCK 3/8-16HX	2
21	108670	SHIM, PM3 BRAKE CALIPER	6
22	109548	BRCKT,SERV BRAKE SWITCH MOUNT	1
23	109640	MOUNT, PM3 RH BRAKE CALIPER	1
24	109874	SCREW,HEX CAP,5/16-18X3-1/4GRB	2
25	109878	MOUNT, PM3 LH BRAKE CALIPER	1
26	110750	SLEEVE,PM3 FIXED BRAKE	4
27	111271	HANGER,DEUTSCH CONNECTOR	1
28	112866	LEVER ASSY,SERV BRAKE W/LOCK	1
29	113510	BRAKET, BRAKE SWITCH CONNECTOR MOUNT	1
30	113535	SWITCH,E-BRAKE CUTOUT	1
31	118-2680-3	ADAPTER, 37JIC TO O-RING 1/4"	1
32	118-2681-3	ADAPTOR,JIC ELBOW	2
33	119734	WASHER, 3/8 LKG INTERNALTOOTH	7
34	128297	BRACKET, ADC PARK BRK	1
35	130451	DISK,BRAKE,P40DD DOMESTIC	2
36	130979	ACCUMULATOR,BRAKE,ADJUSTABLE	1
37	1408076	CLEVIS PIN	1
38	152812	PEDAL ASSY, BT/AC BRAKE (SEE PAGE 2-14)	1
39	152871	SCREW,HX SKT SHLRD 1/2 X 3/8	1
40	152904	PLATE, BT-4.5 PARK BRK LINK	2
41	152905	PLATE, BT-4.5 PARK BRK CRANK	1
42	152906	BRACKET, BT-4.5 BRAKE CBL MNT	1
43	18C624ER	SCREW,HX HD,3/8-24X1-1/2 GR8	4
44	1F312E	COTTER PIN,HAMLOCK .094X3/4	1
45	1F212E	COTTER PIN .06DIA X .75 LG	2
46	3-557-010253	PIN ASSY, YOKE3/8	1
47	3-885-010004	YOKE END ADJ RH 3/8-24	1
49	0012203	FITTING BRAKE LINE TEE	1
50	108417	NUT SPIRAL 1/4-20HX FG	8

ILLUSTRATED PARTS LIST

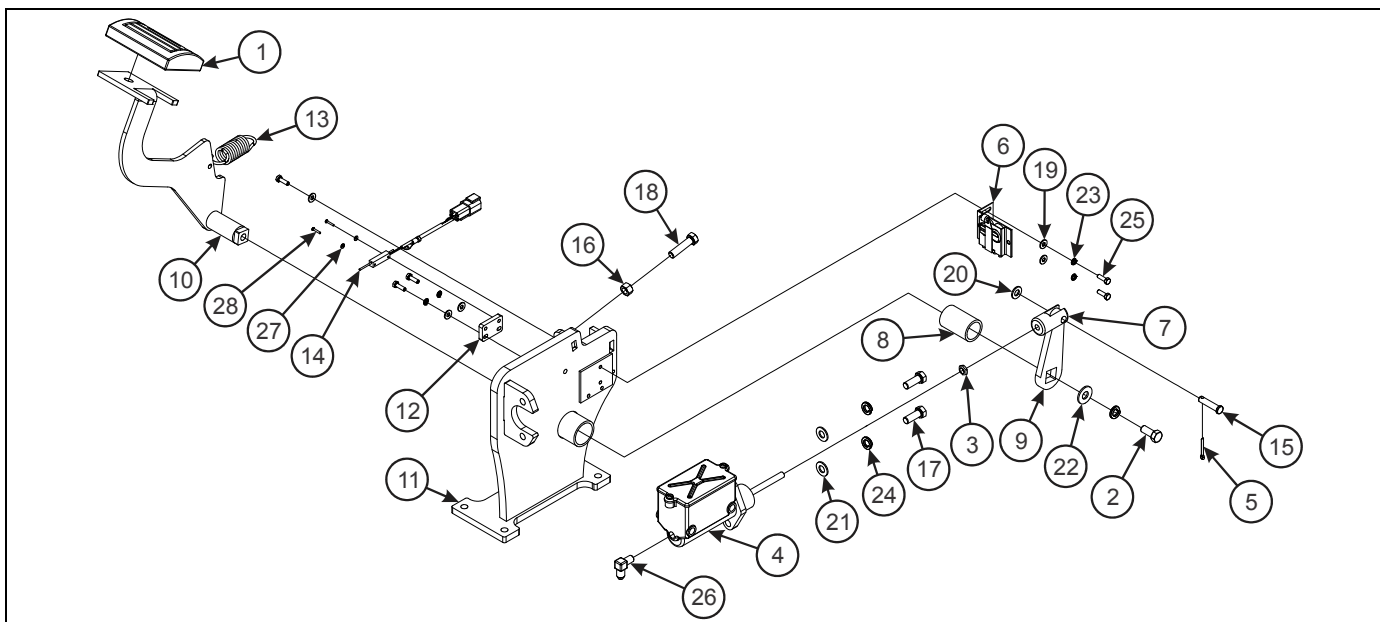
Brake System Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
51	125892	CLAMP, CABLE 3/8 SST	7
52	127648	BRAKE LINE, B55 LH	1
53	127649	BRAKE LINE, B55 RH	1
54	2039-4-4S	FITTING, 37 DEG. FLARE	2
55	0012334	HOSE,FLEX SS BRAKE LINE1.45IN (NOT SHOWN)	1
56	104794	HOSE,FLEX SS BRAKE LINE 11INR (NOT SHOWN)	2
57	131567	HOSE,FLEX SS BRK LINE 22 IN (NOT SHOWN)	1


Figure 2-9: Drive Wheel Assembly

Drive Wheel Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
1	129673	WHEEL,SER 4 BREVINI 8" CAST	2
2	156375	TIRE, PO, SM KRT, 18X9	2
	22-0895	TIRE,DRIVE AXLE	2
	126575	TIRE, MAXMATIC, 18X9X12.125	2
	160419	TIRE,PO,SM KRT,NM,18X9	2
	160420	TIRE,PO,MAX,NM, 18X9	2
	160421	TIRE,PO,TRELLEBORG, 18X9	2
	160422	TIRE,PO,TRELLEBORG,NM, 18X9	2

ILLUSTRATED PARTS LIST**Figure 2-10: Brake Pedal Assembly****Brake Pedal Assembly**

ITEM	PART NO.	DESCRIPTION	QTY.
	152812	PEDAL ASSY, BT/AC BRAKE	1
1	0050002	PAD, BRAKE PEDAL	1
2	100131	SCREW HHC,3/8-16UNCX7/8 GR5	1
3	100132	NUT HX JAM 5/16-24UNF GR2	1
4	100134	MASTER CYLINDER, TOL-O-MATIC	1
5	101386	PIN, COTTER, 1/8X1	1
6	113089	SWITCH ASSY,BRK LGT/ACLTR C/O	1
7	117435	YOKE, BT MASTER CYL PUSHROD	1
8	117437	BUSHING, BT BRAKE PEDAL PIVOT	1
9	131208	PLATE,BT MASTER CYL CRANK	1
10	131213	PEDAL WLDMT,BT BRAKE	1
11	152814	BASE WLDMT, BT/AC BRAKE PEDAL	1
12	153231	PLATE, BT/AC BRAKE POT MNT	1
13	153232	SPRING, BT/AC BRAKE RETURN	1
14	155689	ASSY, AC LIFTTRUCK BRAKE POT	1
15	162563	PIN,CLEVIS 5/16 X 1-3/8 ZP	1
16	1-512-010007-07	NUT, HEX 3/8-16 ZP	1
17	1-654-010051-05	SCREW,HEX CAP 3/8-16UNCX1 GR5	2
18	1-654-010051-07	SCREW,HEX CAP,3/8-16UNCX1-1/2	1
19	1-861-010032-03	WASHER, FLAT #10 ZP/CD	5
20	1-861-010032-08	WASHER,FLAT 5/16 ZP	1
21	1-861-010032-10	WASHER, FLAT 3/8" N ZP/CD	2
22	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD	1
23	1-861-010034-07	'WASHER,LKG,HLCL SPR, NO 10	4
24	1-861-010034-11	WASHER, LKG HLCL SPR, 3/8	3
25	107-1001	SCREW,HEX HD #10-24 X .62 LG	5
26	118-2681-3	ADAPTOR,JIC ELBOW	1
27	25E2E	WASHER,FLAT #2	2
28	85G208E	SCREW PAN HD SLT 2-56X1/2	2

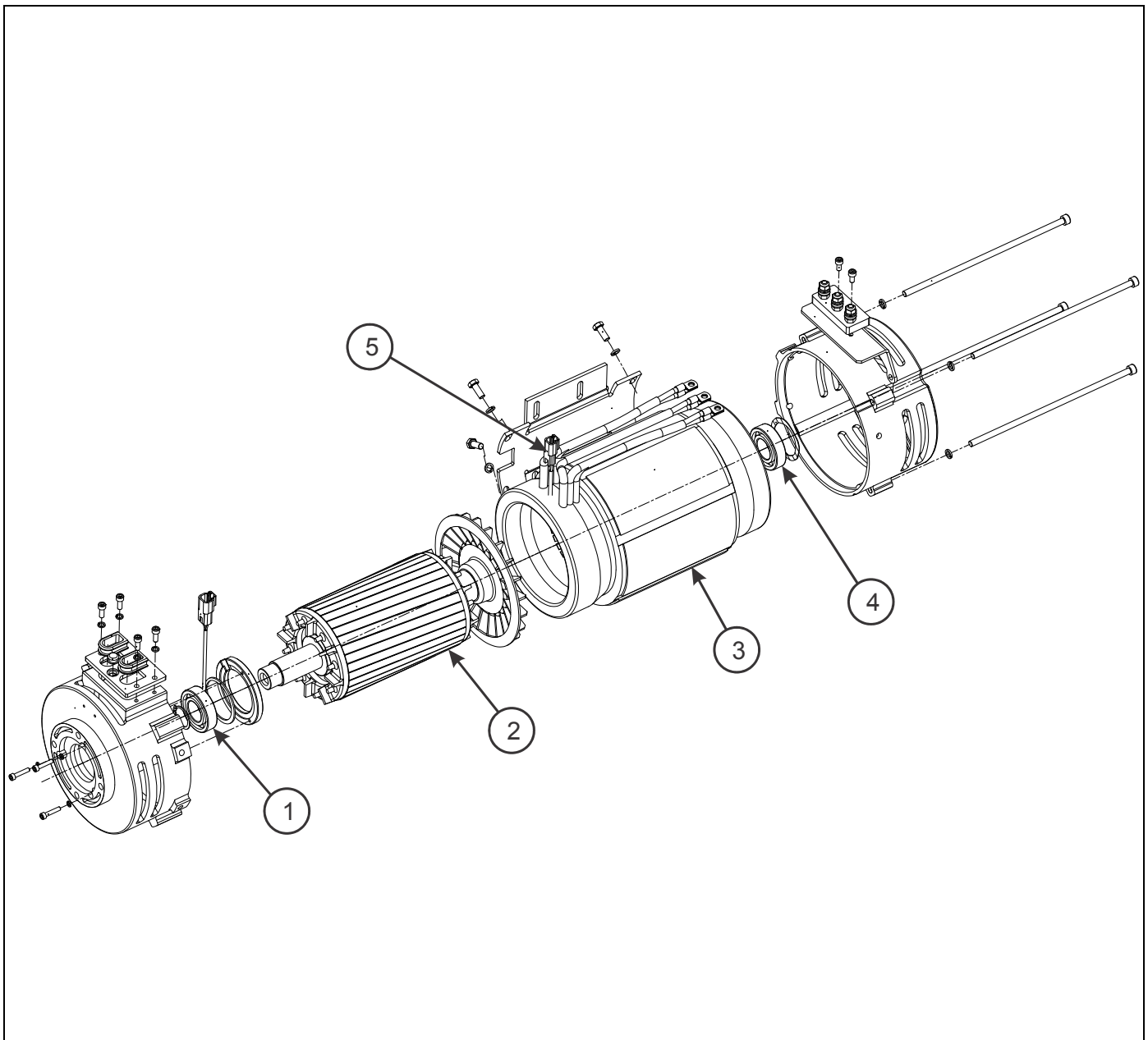
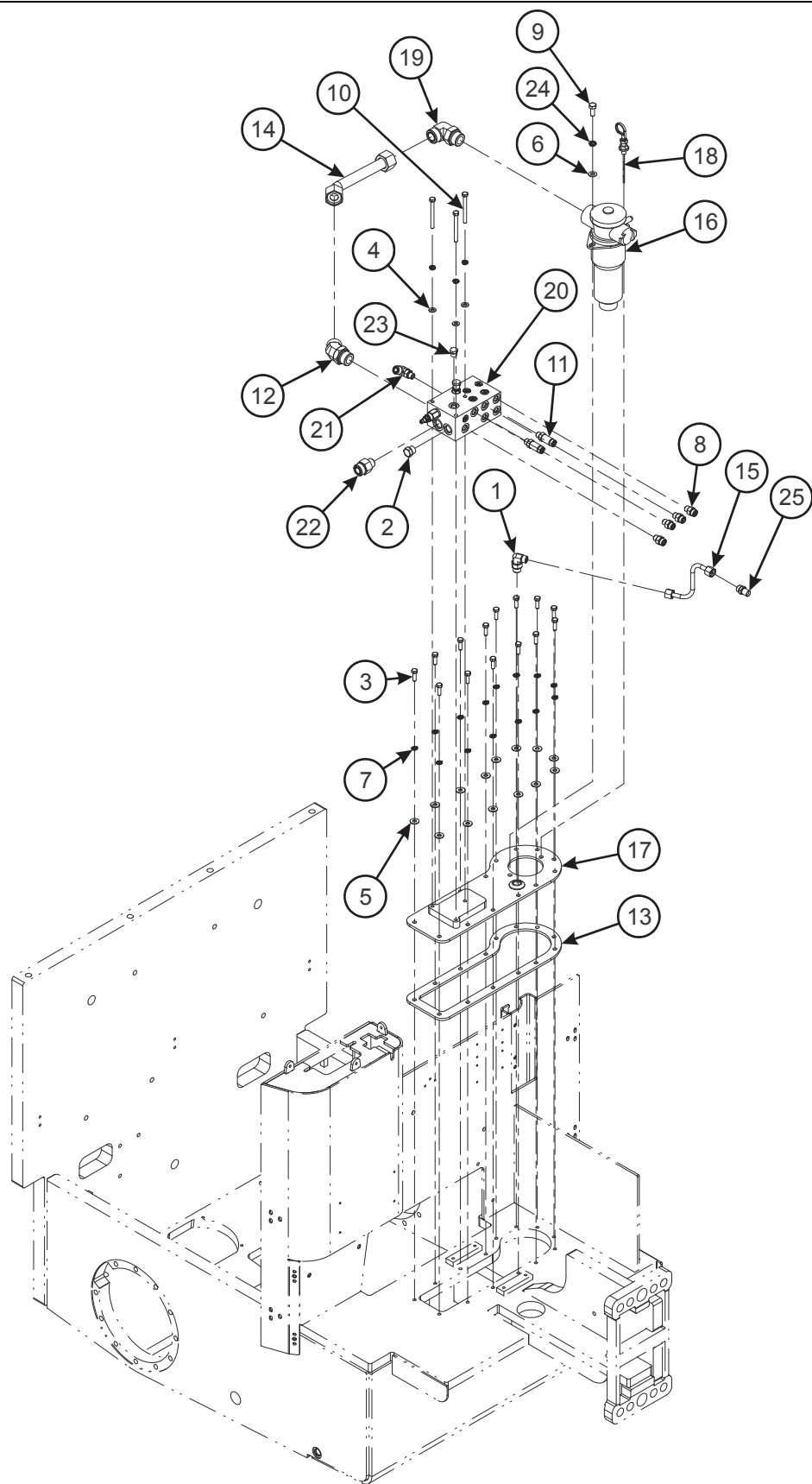


Figure 2-11: Lift Pump Motor Assembly

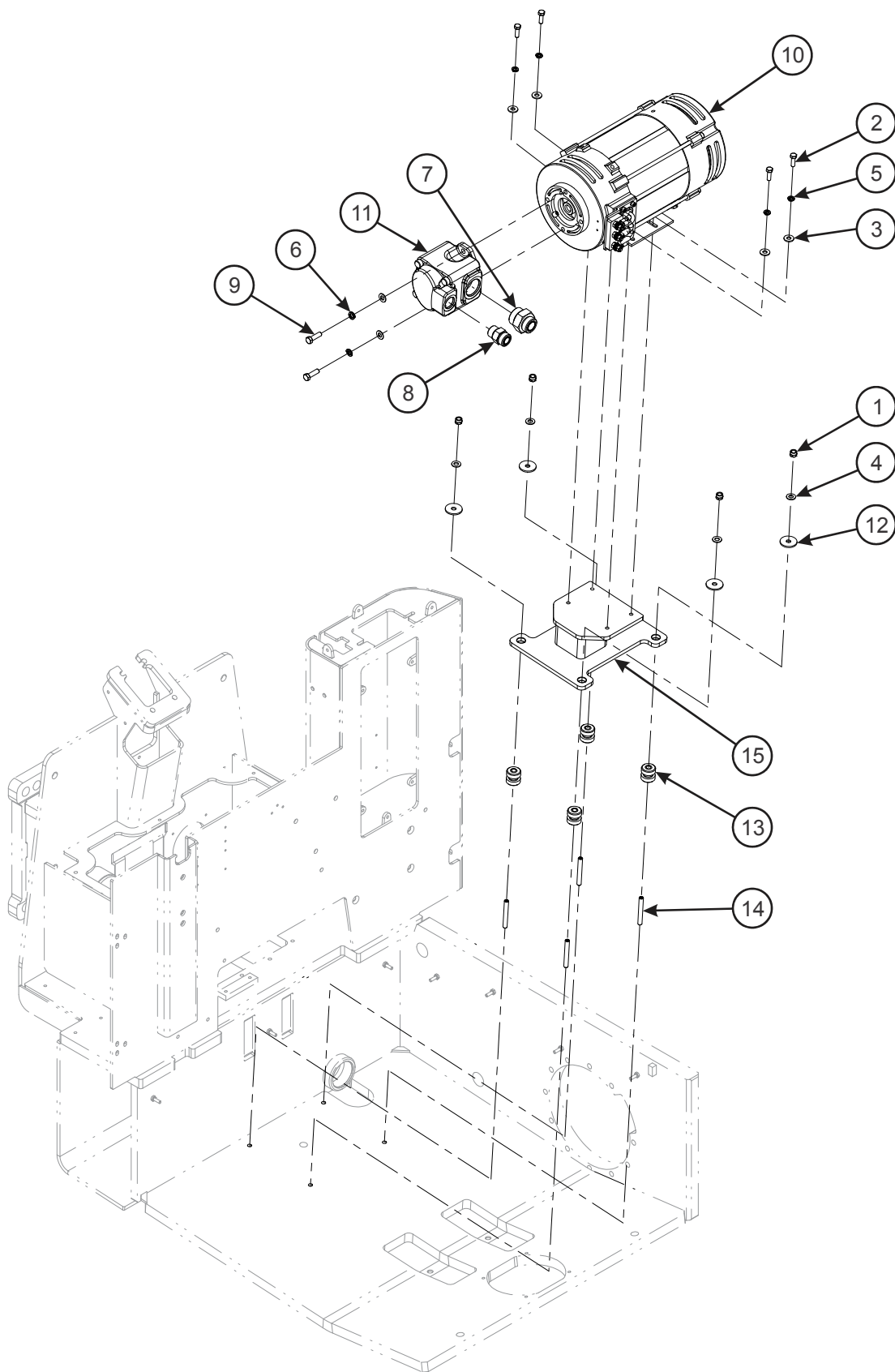
Lift Pump Motor Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
	143343	MOTOR,AC LIFT PUMP	
1	155292	BEARING	1
2	155330	ROTOR	1
3	155331	STATOR	1
4	155293	BEARING	1
5	155296	THERMISTOR	1

**Figure 2-12: Hydraulic Tank Assembly**

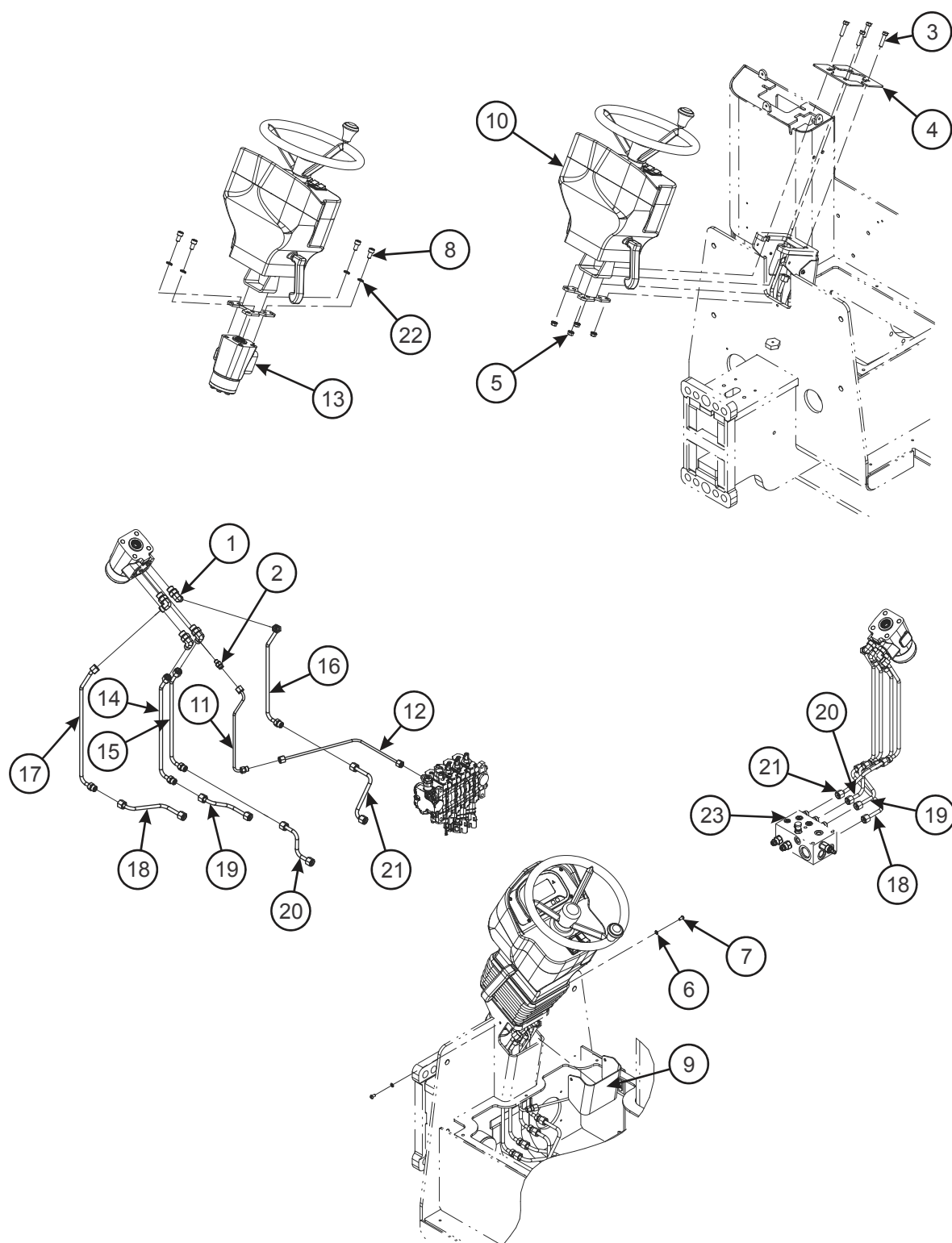
Hydraulic Tank Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
1	0018120	ADAPTER P-STEER PUMP PRESSURE	1
2	1-007-010025	PLUG, 3/4-16 O-RING BOSS	1
3	1-654-010049-05	SCREW HX CP 5/16-18UNCX1 GR5	14
4	1-861-010032-08	WASHER,FLAT 5/16 ZP	3
5	1-861-010032-09	WASHER, FLAT 5/16 W ZP/CD	14
6	1-861-010032-10	WASHER, FLAT 3/8" N ZP/CD	1
7	1-861-010034-10	WASHER,LKG 5/16	17
8	104582	ADAPTER,#6 ORS X #6 ORB ST	4
9	107-0754	SCREW, HHC, M10 X 1.5 X 25	1
10	109874	SCREW,HEX CAP,5/16-18X3-1/4GR	3
11	123906	ADAPTER,#6ORSX#6ORB,LONG STR	2
12	123909	ADAPTER,#16ORSX#16ORB,45 ELB	1
13	128305	GASKET,B40DM-4 HYD TANK COV	1
14	129421	TUBE,VALVE BODY TO FILTER	1
15	129447	TUBE,EXT BREATHER TO TANK	1
16	129635	FILTER,IN-TANK,NON-VENT,44GPM	1
	112876	REPLACEMENT FILTER ELEMENT	1
17	129677	COVER WLDMT,SER4 HYD TANK	1
18	130149	DIPSTICK,SER 4 HYD TANK	1
19	130595	ADAPTER,#16ORSX#16ORB,90 ELB	1
20	130980	VALVE,STEER CONTROL W/ SUN V	1
21	131808	FITTING,90 8-6 ORF TO ORB	1
22	142337	ADAPTER,#12 ORS X #10 ORB ST	1
23	900598-6S	PLUG O-RING 9/16-18 AEROQUIP	1
24	M10SLW ZP	WASHER,SPLIT LK METRIC 10MMZP	1
25	123910	ADAPTER,#6ORS X #6NPT,CONNECT (SEE PAGE 2-5)	REF

**Figure 2-13: Lift Pump Installation**

Lift Pump Installation

ITEM	PART NO.	DESCRIPTION	QTY.
1	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	4
2	1-654-010049-05	SCREW HX CP 5/16-18UNCX1 GR5	4
3	1-861-010032-09	WASHER, FLAT 5/16 W ZP/CD	4
4	1-861-010032-10	WASHER, FLAT 3/8" N ZP/CD	6
5	1-861-010034-10	WASHER,LKG 5/16	4
6	1-861-010034-11	WASHER, LKG HLCL SPR, 3/8	2
7	102048	ADAPTER,#20 ORB X #16 ORS ST	1
8	104382	ADAPTER,#12 ORS X #12 ORB ST	1
9	110-0010	CAPSCREW,HX HD-3/8-24NFX1-1/4	2
10	143343	MOTOR,AC LIFT PUMP	1
11	146676	PUMP, BI-T3 AUXILIARY HYD	1
12	154015	WASHER 3/8X1-1/2X1/8 FENDER	4
13	154016	MOUNT, BT/AC HYD MTR ANTI-VIB	4
14	157542	SCREW,3/8-16X3 CUP PT SET	4
15	164940	MOUNT WLDMT BT/AC HYD MOTOR	1
16	154581	HOSE,16STRORSX16ORS90X16-28 (NOT SHOWN)	1
17	154582	HOSE,10STRORSX12ORS90X10-33 (NOT SHOWN)	1

**Figure 2-14: Steering Assembly**

Steering Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
1	0018120	ADAPTER P-STEER PUMP PRESSURE	4
2	0018160	ADAPTER WHITE CASE DRAIN	1
3	1-654-010051-07	SCREW,HEX CAP,3/8-16UNCX1-1/2	4
4	100006	PLATE,STRGCOLUMN BELLOWS RTNR	2
5	107470	NUT,SPIRALOCK 3/8-16HX	4
6	108797	WASHER 1/4 LKG INT TOOTH	2
7	115958	SCREW, BHSC 1/4-20UNCX1/2	2
8	131015	SCREW,HXSKT CAP M10-1.50X20ZP	4
9	136969	COVER,B40DM-4 COLUMN PIPING	1
10	152816	STEERING COLUMN ASSY,BT-AC (SEE PAGE 2-27)	1
11	154539	TUBE,BT/AC ORBITAL LDSN DOWN	1
12	154540	TUBE,BT/AC VLV LDSN TO ORBTL	1
13	158957	ORBITAL, B55 LOAD SENSING	1
14	162580	TUBE, BTAC ORBITAL PRESS DOWN	1
15	162581	TUBE, BTAC ORBITAL LH DOWN	1
16	162582	TUBE, BTAC ORBITAL RH DOWN	1
17	162583	TUBE,BTAC ORBITAL RETURN DOWN	1
18	162584	TUBE,BTAC VLV D2 TO ORBTL RTN	1
19	162585	TUBE,BTAC VLV P1 TO ORBTL PRS	1
20	162586	TUBE,BTAC VLV V2 TO ORBTL LH	1
21	162587	TUBE,BTAC VLV V1 TO ORBTL RH	1
22	M10SLW ZP	WASHER,SPLIT LK METRIC 10MMZP	4
23	130980	VALVE,STEER CONTROL W/ SUN V (SEE PAGE 2-17)	REF

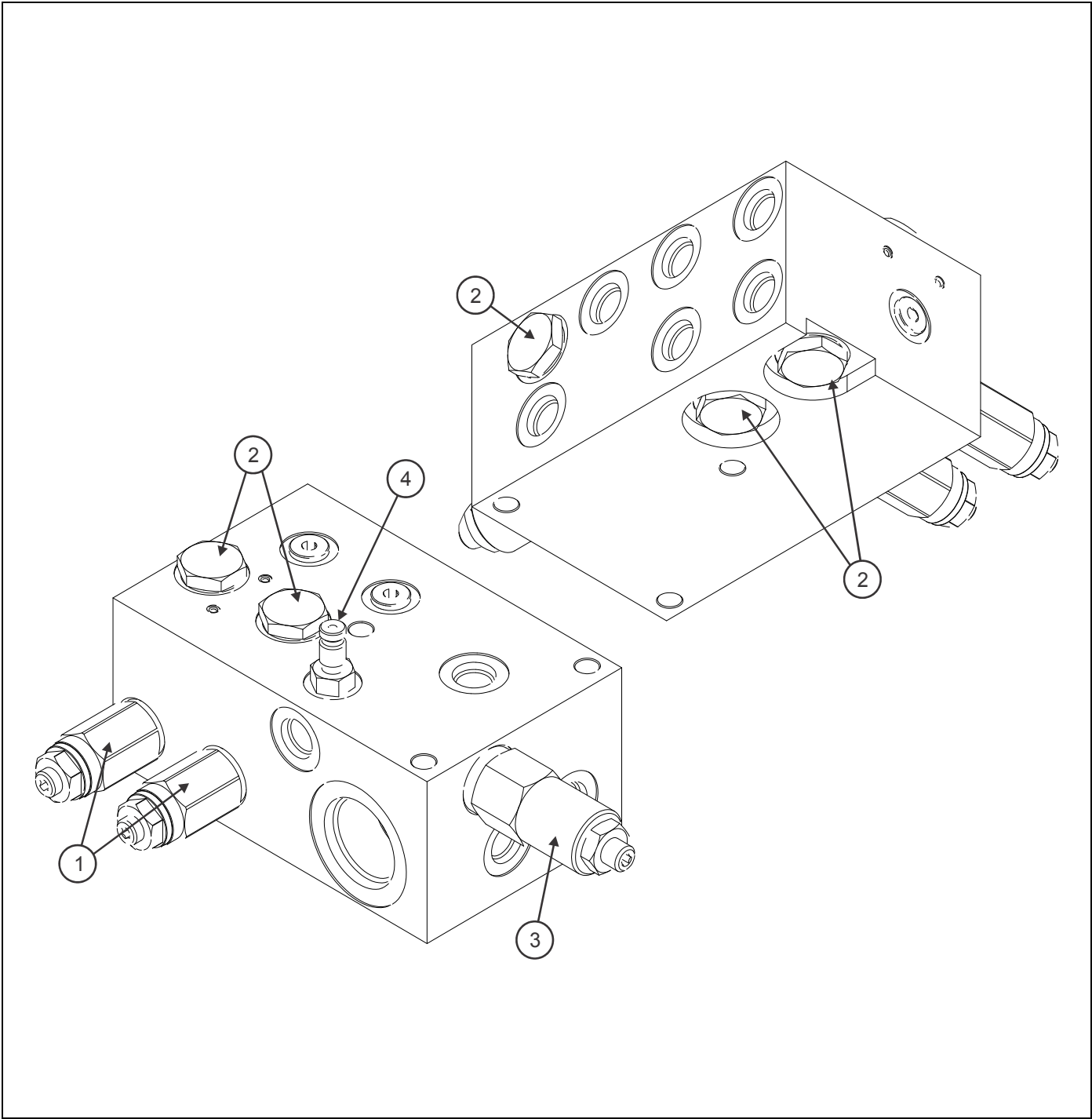
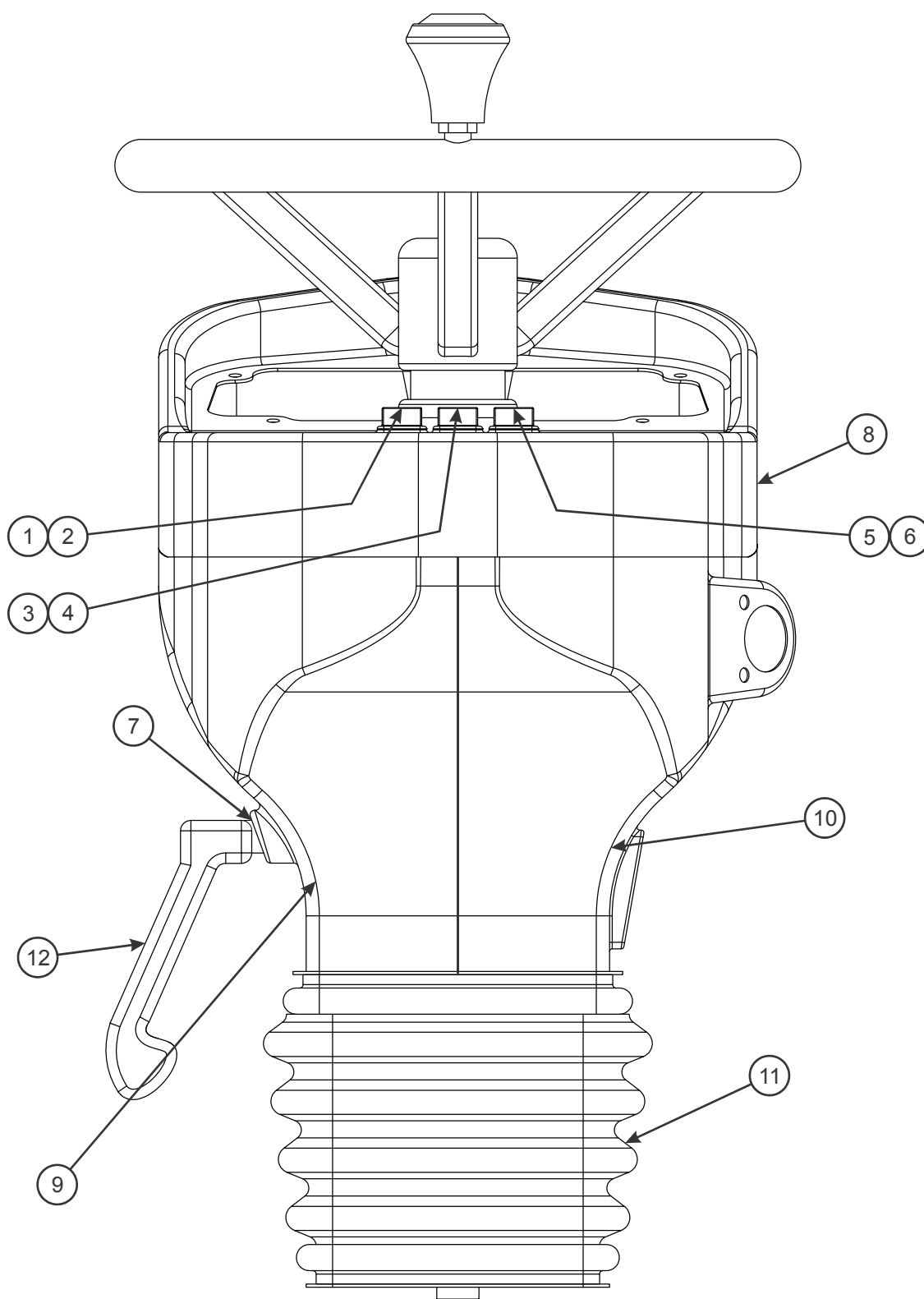


Figure 2-15: Steering Control Valve

Steering Control Valve

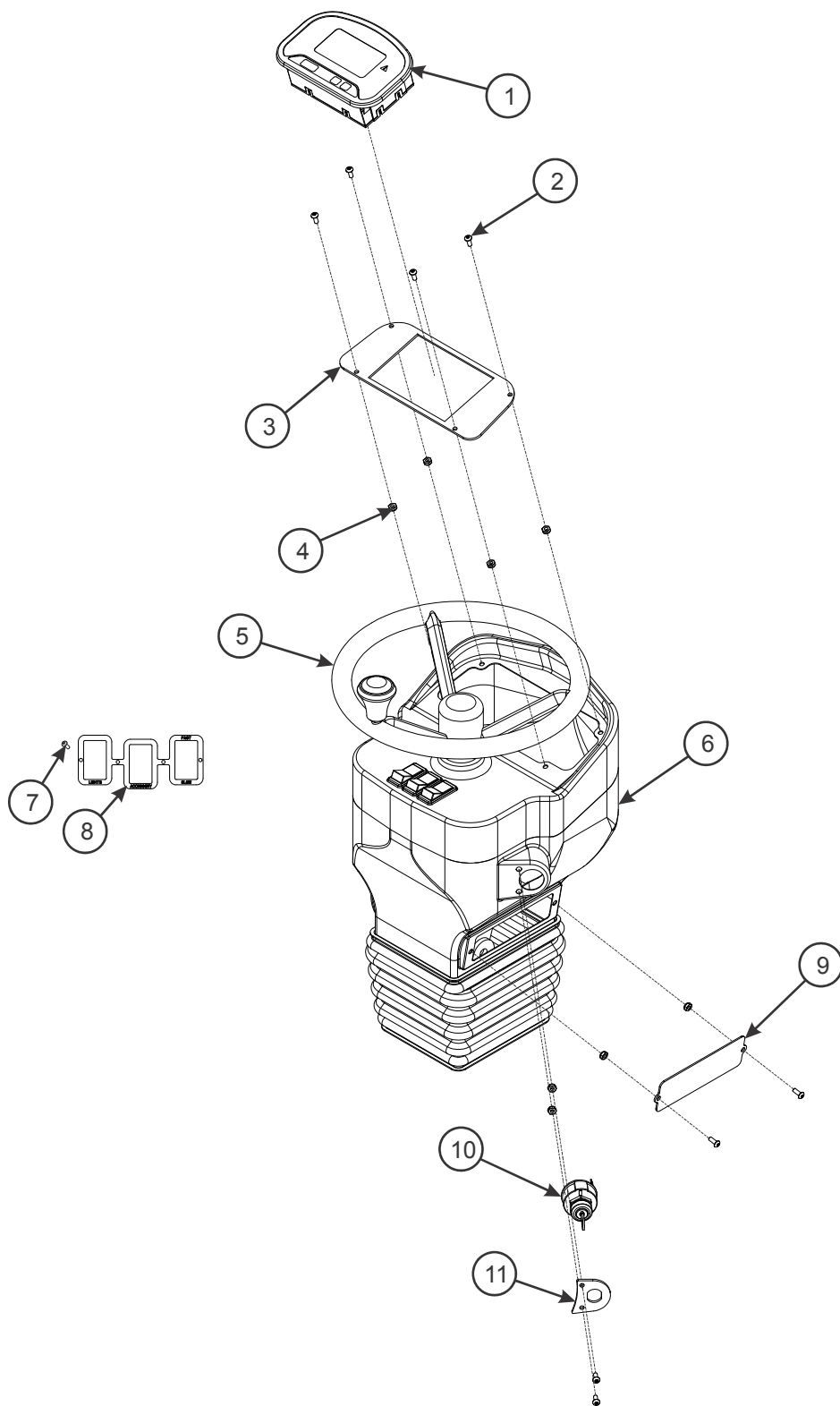
ITEM	PART NO.	DESCRIPTION	QTY.
	130980	VALVE,STEER CONTROL W/ SUN V	
1	131827	COUNTERBALANCE VALVE CART	2
2	131828	CHECK VALVE	5
3	131829	DIRECT ACTING RELIEF VALVE	1
4	PD341	NIPPLE	1

[illegible]

**Figure 2-16: Steering Column Assembly**

Steering Column Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
	126193	STEERING COLUMN, I/C	1
1	128093	SWITCH (0058-0346)	1
2	128082	ROCKER BUTTON (0011-0618)	1
3	128083	SWITCH (0058.0345)	1
4	128084	ROCKER BUTTON (0011-0638)	1
5	128085	SWITCH (0058-0310)	1
6	128086	ROCKER BUTTON (0011-0610)	1
7	128088	MAIN SHAFT (0034.0785)	1
8	128089	UPPER CLUSTER (0052.1396)	1
9	128090	LH COVER (0052.1367)	1
10	128091	RH COVER (0052.1368)	1
11	128092	RUBBER CLADDING (0046.0130)	1
12	138570	HANDLE, COBO COLUMN TILT	1
13	139806	HARDWARE KIT FOR TC01.E503	1

**Figure 2-17: Dash Assembly**

Dash Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
	152816	STEERING COLUMN ASSY,BT-AC	1
1	146297	DISPLAY, ENGAGE IV DASH	1
2	121443	SCREW, BHSC 10-32X.50	8
3	146057	PANEL, ENGAGE IV DASH	1
4	1-512-010003-05	NUT HEX SLFLKG W/NYL 10-32	8
5	131810	STEERING WHEEL & CAP, COBO	1
6	126193	STEERING COLUMN, I/C	1
7	107539	SCREW PNHD 6-32X1/2 SSHK	4
8	153310	PLACARD, BT-4.5 COLUMN SWITCH	1
9	129626	MOUNT, CIRCUIT BRK BLANK BT-4	1
10	135617	KEYSWITCH, 2POSITION, HEAVYDUTY	1
11	135568	PLATE BT HEAVY DUTY KEYSWITCH	1

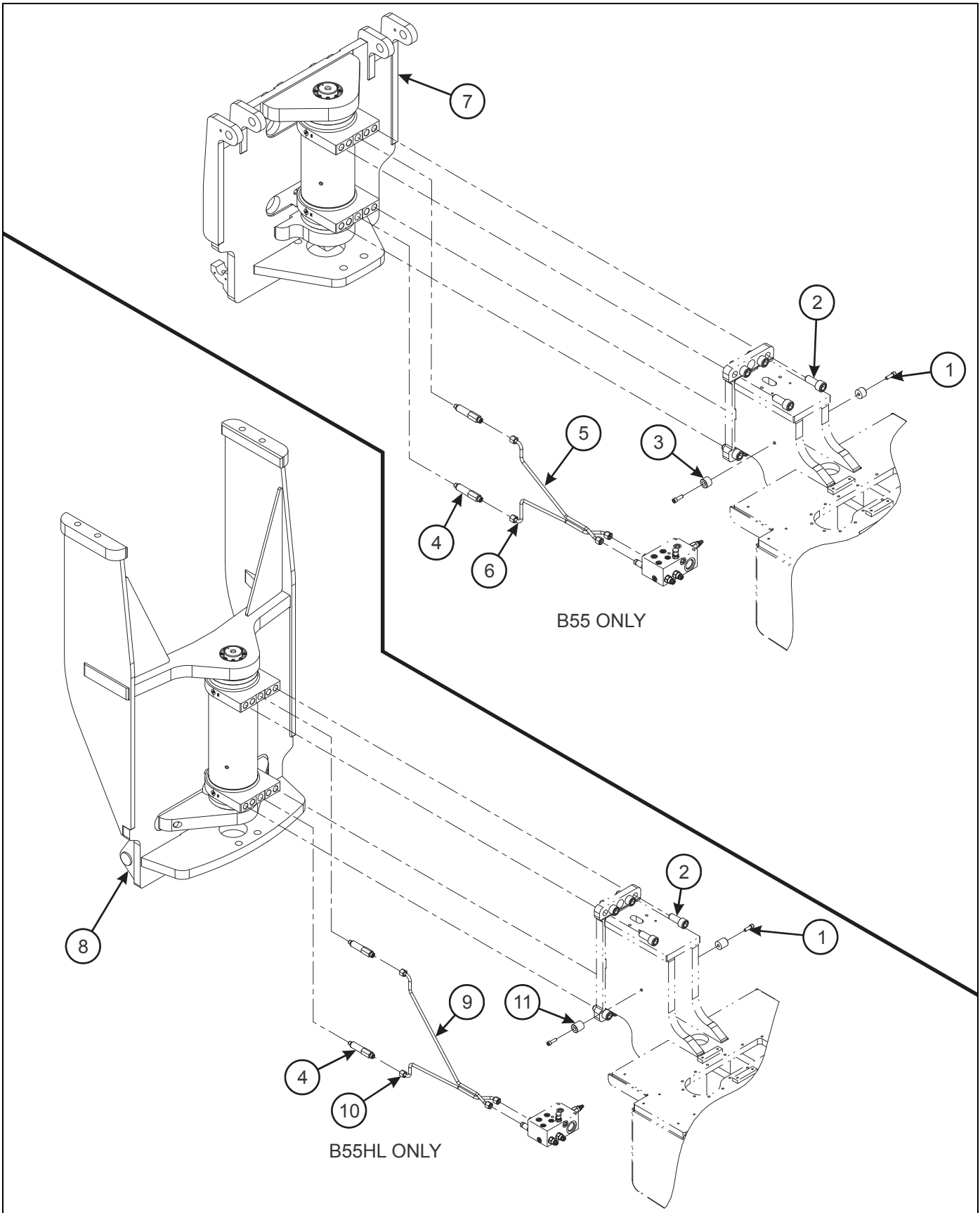
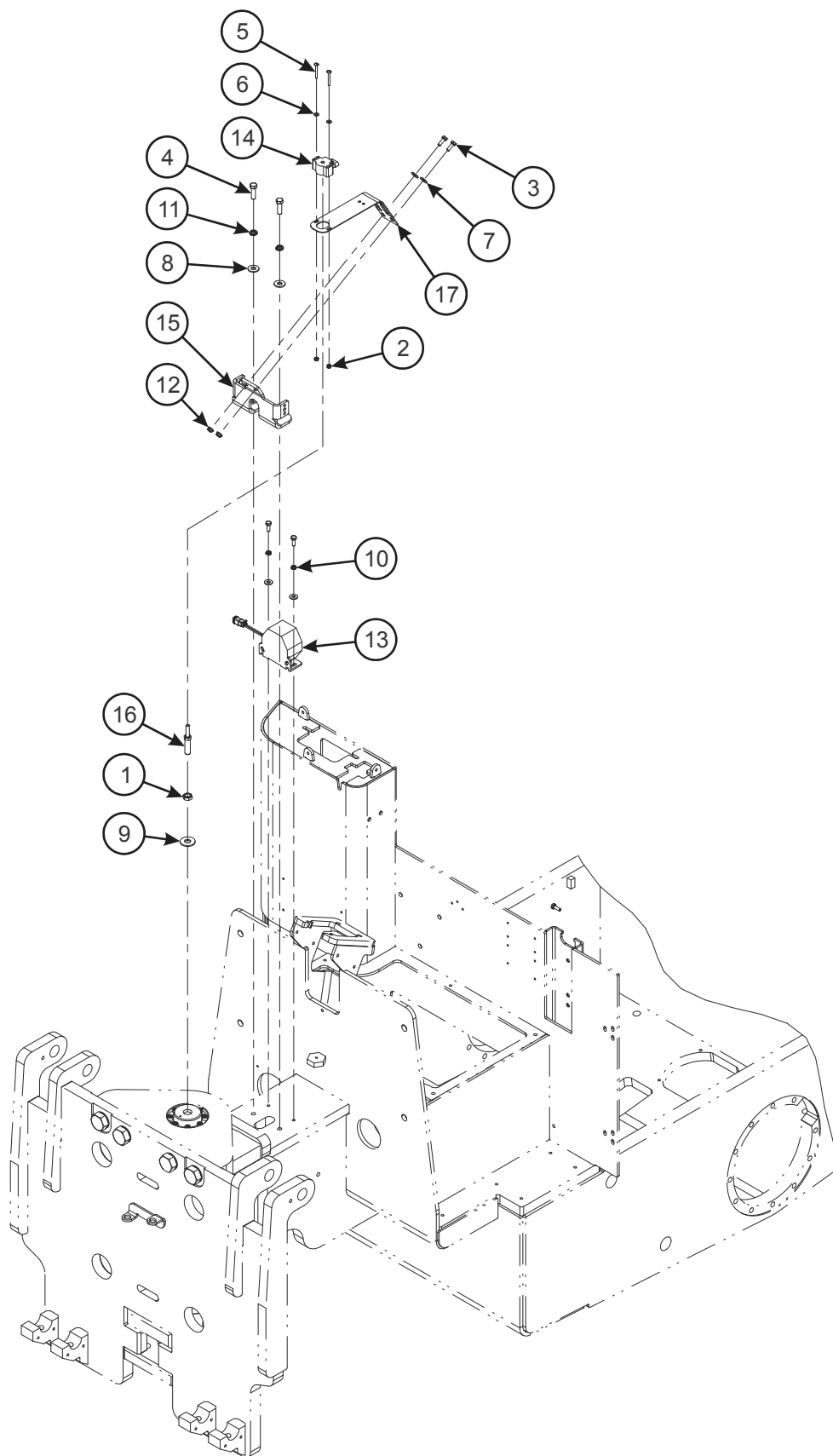


Figure 2-18: Front Rotation Assembly

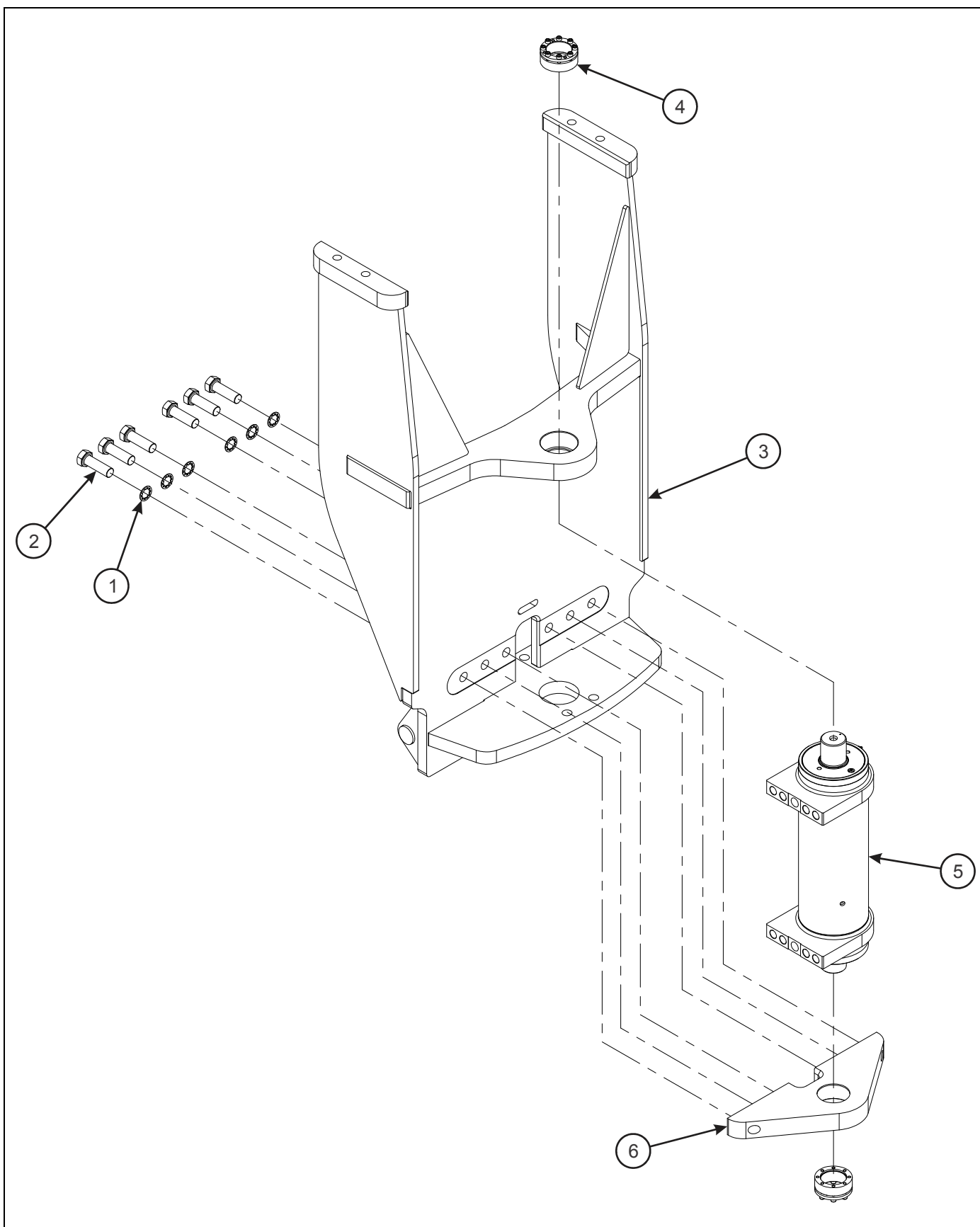
Front Rotation Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
1	108337	SCREW HX SKT3/8-16X1-1/4	2
2	157475	SCREW, HXSKT 7/8-9UNCX2.25	8
3	157517	STOP, B55 FRONT ROTATION	2
4	157521	ADAPTER,6 ORBX 6ORS LONG ACTR	2
5	158937	TUBE,VALVE BDY M1 TO ACTR P2 (B55 ONLY)	1
6	158938	TUBE,VALVE BDY M2 TO ACTR P1 (B55 ONLY)	1
7	160484	FRONT PLATE ASSY,B55 HELAC	1
8	149400	FRONT PLATE ASSY B55HL HELAC	1
9	165590	TUBE,VALVE BDY M1 TO ACTR P1 (B55HL ONLY)	1
10	165591	TUBE,VALVE BDY M2 TO ACTR P2 (B55HL ONLY)	1
11	165749	STOP, B55HL FRT ROTATION	2

**Figure 2-19: Front Rotation Sensors Assembly**

Front Rotation Sensors Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
1	1-511-010002-05	NUT,HEX JAM,1/2-20UNF GR2	1
2	1-512-010003-03	NUT,HX 8-32,SLF-LKG W/NYL	2
3	1-654-010047-04	SCREW,HEX CAP,1/4-20X3/4 GR5	4
4	1-654-010051-06	SCREW,HEX CAP 3/8-16UNCX1-1/4	2
5	1-656-010003034	SCREW, 8-32X1-1/2 RD HD MACH	2
6	1-861-010032-02	WASHER,FL #8 ZP/CD	2
7	1-861-010032-07	WASHER,FLAT 1/4 ZP	4
8	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD	2
9	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD	1
10	1-861-010034-09	WASHER, LKG HLCL SPR, 1/4	2
11	1-861-010034-11	WASHER, LKG HLCL SPR, 3/8	2
12	108417	NUT SPIRAL 1/4-20HX FG	2
13	116144	HORN, BT ELECTRONIC	1
14	145962	POT,CONTINUOUS ROTATION 5K	1
15	158934	BRACKET WLDMT,B55 ROT SWITCH	1
16	160442	ROD,B55 POTENTIOMETER DRIVE	1
17	160443	BRACKET,B55 FLEX STEER POT	1

**Figure 2-20: Front Plate Assembly - B55HL Only**

Front Plate Assembly - B55HL Only

ITEM	PART NO.	DESCRIPTION	QTY.
	149400	FRONT PLATE ASSY B55HL HELAC	
1	143086	WASHER,1,LKG,INTERNAL TOOTH	6
2	143087	SCREW,HX CP,1-14UNFX3.25,GR8	6
3	159859	FRONT PLATE WLDMT, B55HL	1
4	160473	CONNECTION,RINGFEDER 65X95 SFT	2
5	165000	ACTUATOR, 65MM, HIGH-LIFT	1
6	165747	PLATE, B55HL LWR ACTUATOR MNT	1

ILLUSTRATED PARTS LIST

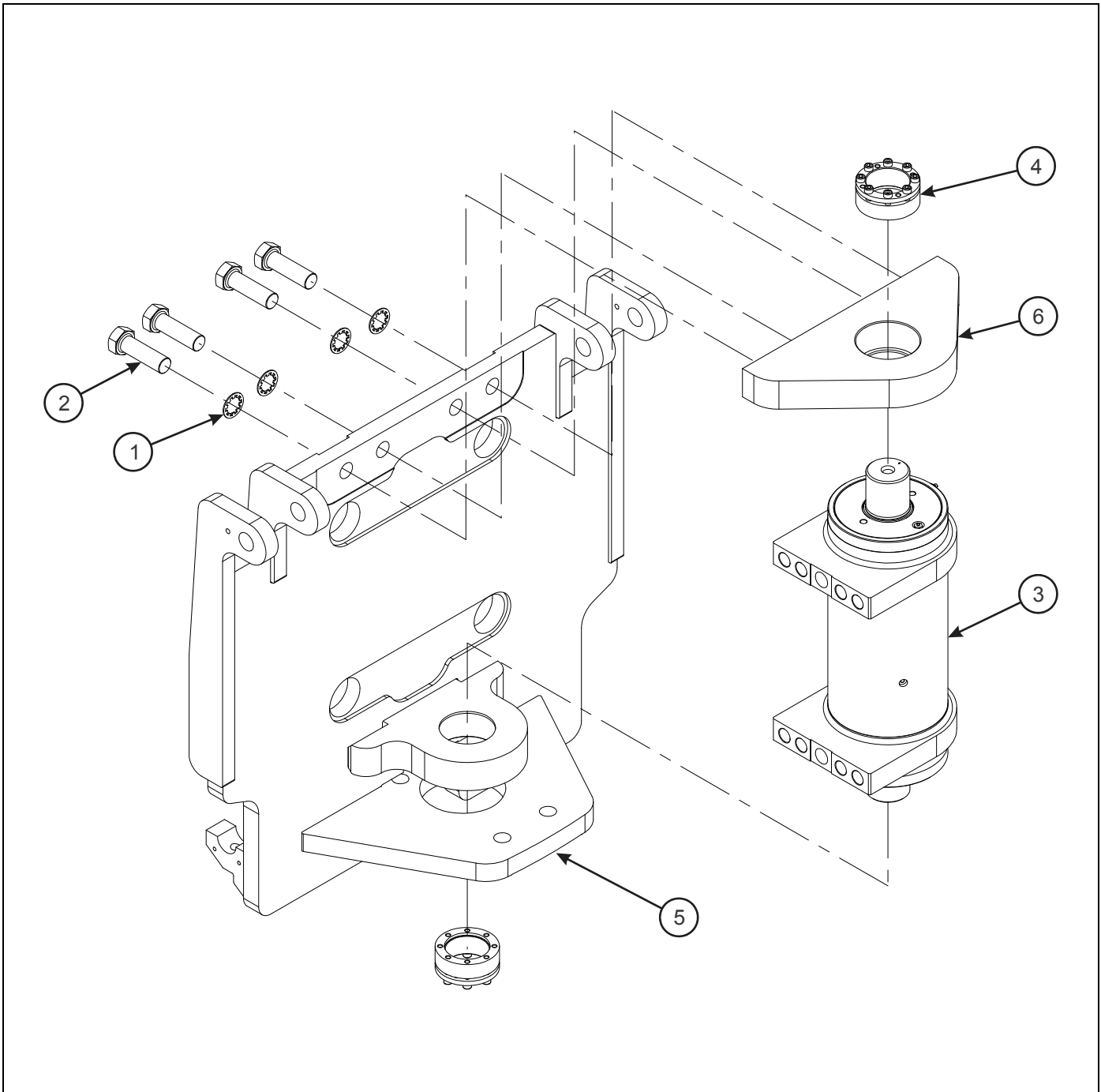


Figure 2-21: Front Plate Assembly - B55 Only

Front Plate Assembly - B55 Only

ITEM	PART NO.	DESCRIPTION	QTY.
	160484	FRONT PLATE ASSY,B55 HELAC	1
1	143086	WASHER,1,LKG,INTERNAL TOOTH	4
2	143087	SCREW,HX CP,1-14UNFX3.25,GR8	4
3	160471	ACTUATOR,65MM OUTPUT HELAC	1
4	160473	CONNECTION,RINGFEDER 65X95 SFT	2
5	160485	FRONT PLATE WLDMT,BT-5 ACTR	1
6	160486	PLATE,B55 UPPER ACTUATOR MNT	1

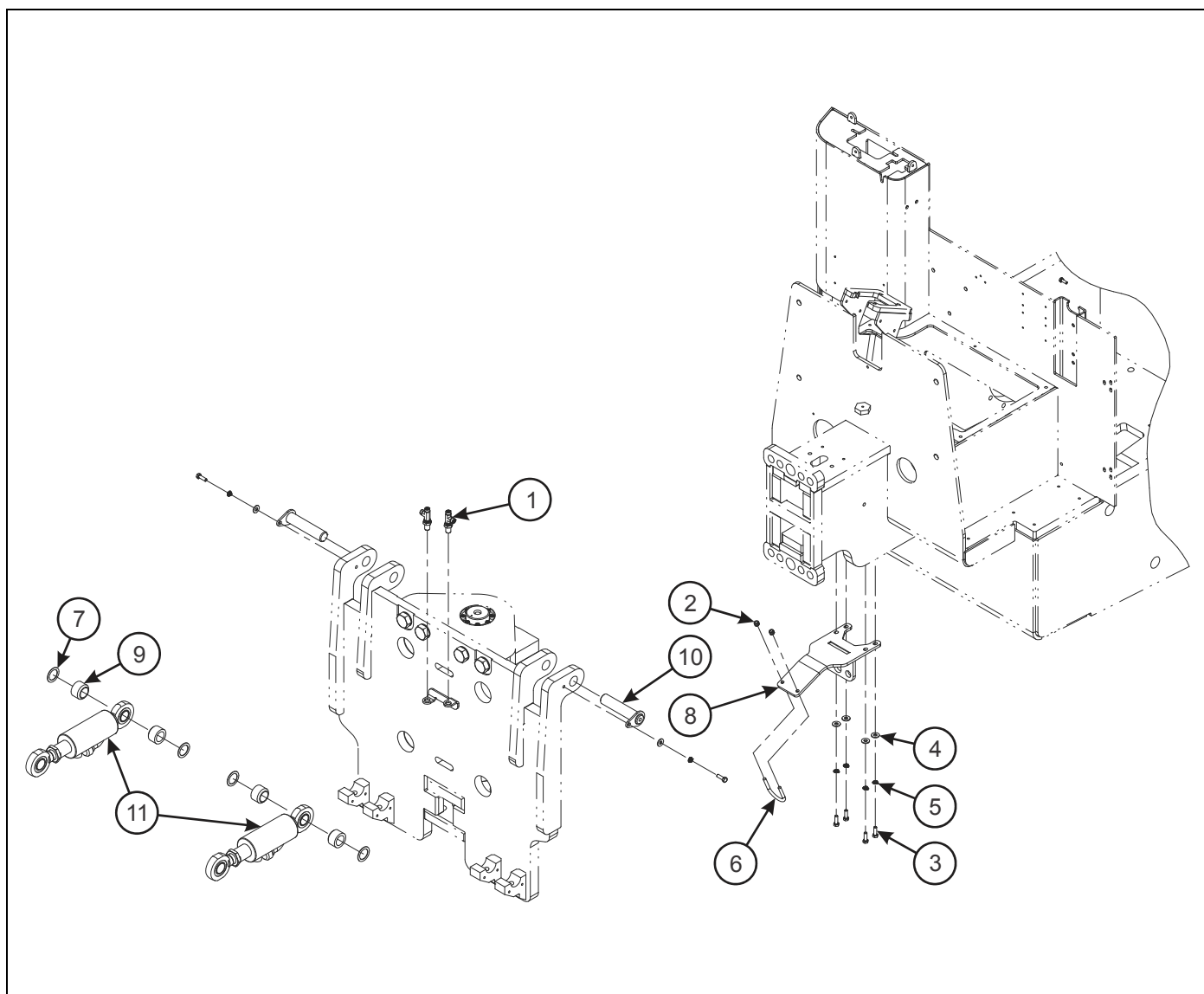
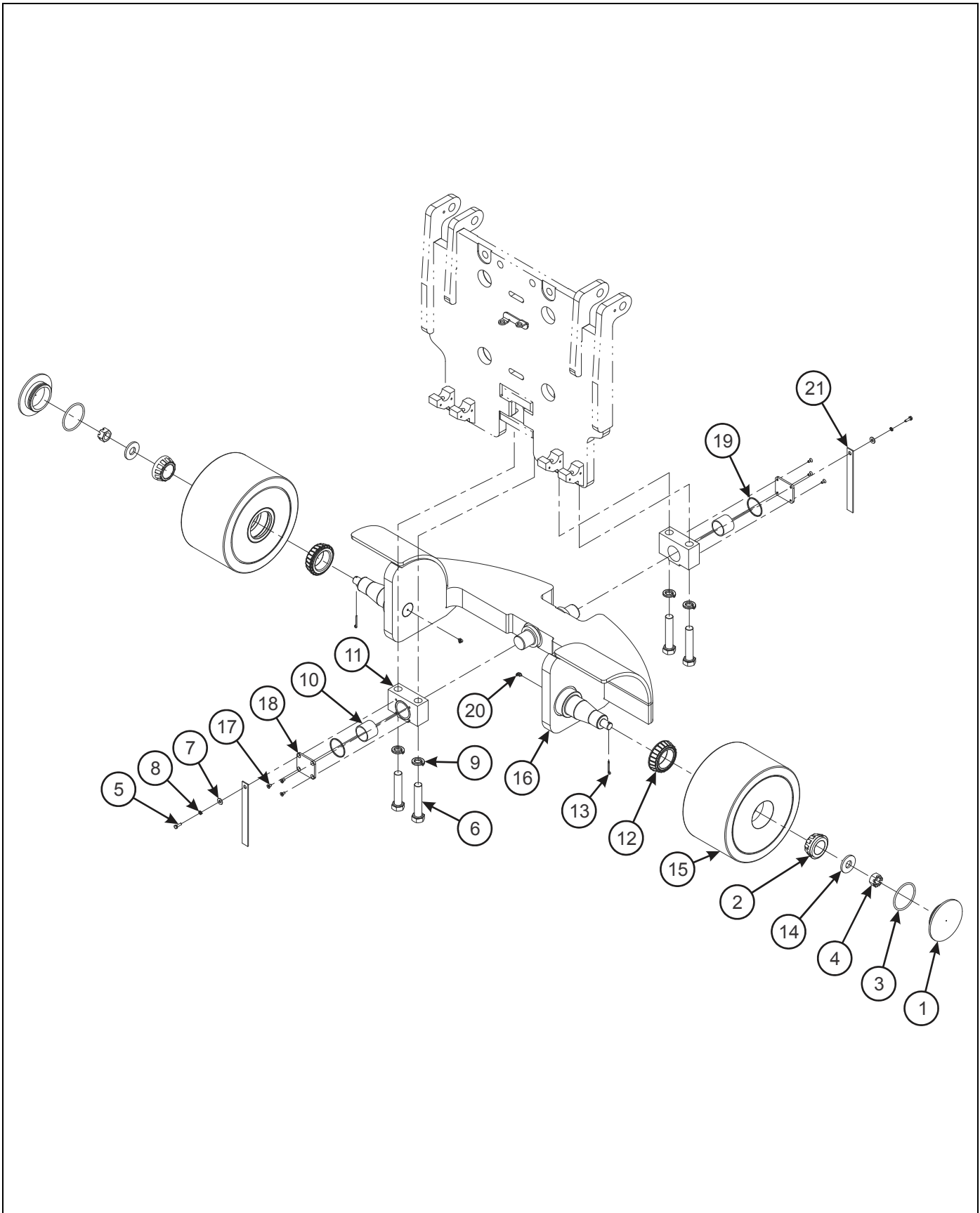


Figure 2-22: Tilt Assembly - B55 Only

Tilt Assembly - B55 Only

ITEM	PART NO.	DESCRIPTION	QTY.
1	0018126	FITTING BULKHEAD TEE TILTS	2
2	1-512-010005-03	NUT HEX SLFLKG GRB 5/16-18	2
3	1-654-010049-05	SCREW HX CP 5/16-18UNCX1 GR5	6
4	1-861-010032-09	WASHER, FLAT 5/16 W ZP/CD	6
5	1-861-010034-10	WASHER,LKG 5/16	6
6	124845	U-BOLT,5/16-18X2X2-11/16	1
7	153523	WASHER,BT-AC TILT CYL SHIM	4
8	157359	BRACKET WLDMT, BT ACTR BLKHD	1
9	157362	SPCR BT-5 TILT CYL BLANK END	4
10	157363	PIN WLDMT, BT-5 TILT CYL	2
11	153528	CYLINDER,BT-AC LIMITED TILT (SEE PAGE 2-55)	2
	153229	CYLINDER,BT-AC TILT (SEE PAGE 2-55)	2
12	1-394-010001	HOSE ABRASION SLEEVE X2 (NOT SHOWN)	4
13	1-394-010002	HOSE ABRASION SLEEVE X2-7/8 (NOT SHOWN)	4

**Figure 2-23: Front Axle Assembly - B55 Only**

Front Axle Assembly - B55 Only

ITEM	PART NO.	DESCRIPTION	QTY.
1	0019039	HUB CAP, LOAD WHEEL	2
2	0022008	BEARING, CONE, LOAD WHL, BENDI48	2
3	0022016	O-RING, LOAD WHEEL, BENDI 48	2
4	1-516-010001-20	NUT, HX SLOT 1-14	2
5	1-654-010047-05	SCREW, HEX CAP 1/4-20UNC GR5	2
6	1-654-010065-15	SCREW HX CP 1-8UNCX5 GR5	4
7	1-861-010032-09	WASHER, FLAT 5/16 W ZP/CD	2
8	1-861-010034-09	WASHER, LKG HLCL SPR, 1/4	2
9	1-861-010034-21	WASHER, LKG HEL SPRG 1IN	4
10	100018	BUSHING, BT FRT AXLE PIVOT	2
11	107202	BLOCK, BT FRT AXLE MNT	2
12	109527	CONE, B40-4 FRT ROT BEARING	2
13	110-0354	5/32X1-1/2 COTTER PIN ZP	2
14	113099	WASHER, BT SPINDLE	2
15	157484	WHEEL ASSY, B55 FRT LOAD (SEE PAGE 2-38)	2
16	157485	AXLE WLDMT, B55-14 FRONT	1
17	3-654-010015	SCREW CAP HSFC 1/4-20X1/2****	6
18	40-0848	PLATE, TILT BLOCK COVER	2
19	40-0861	O-RING, TRUNNION COVER	2
20	5410	FITTING GREASE 1/4-28 90 1911	2
21	6719	STRAP, GROUND	2

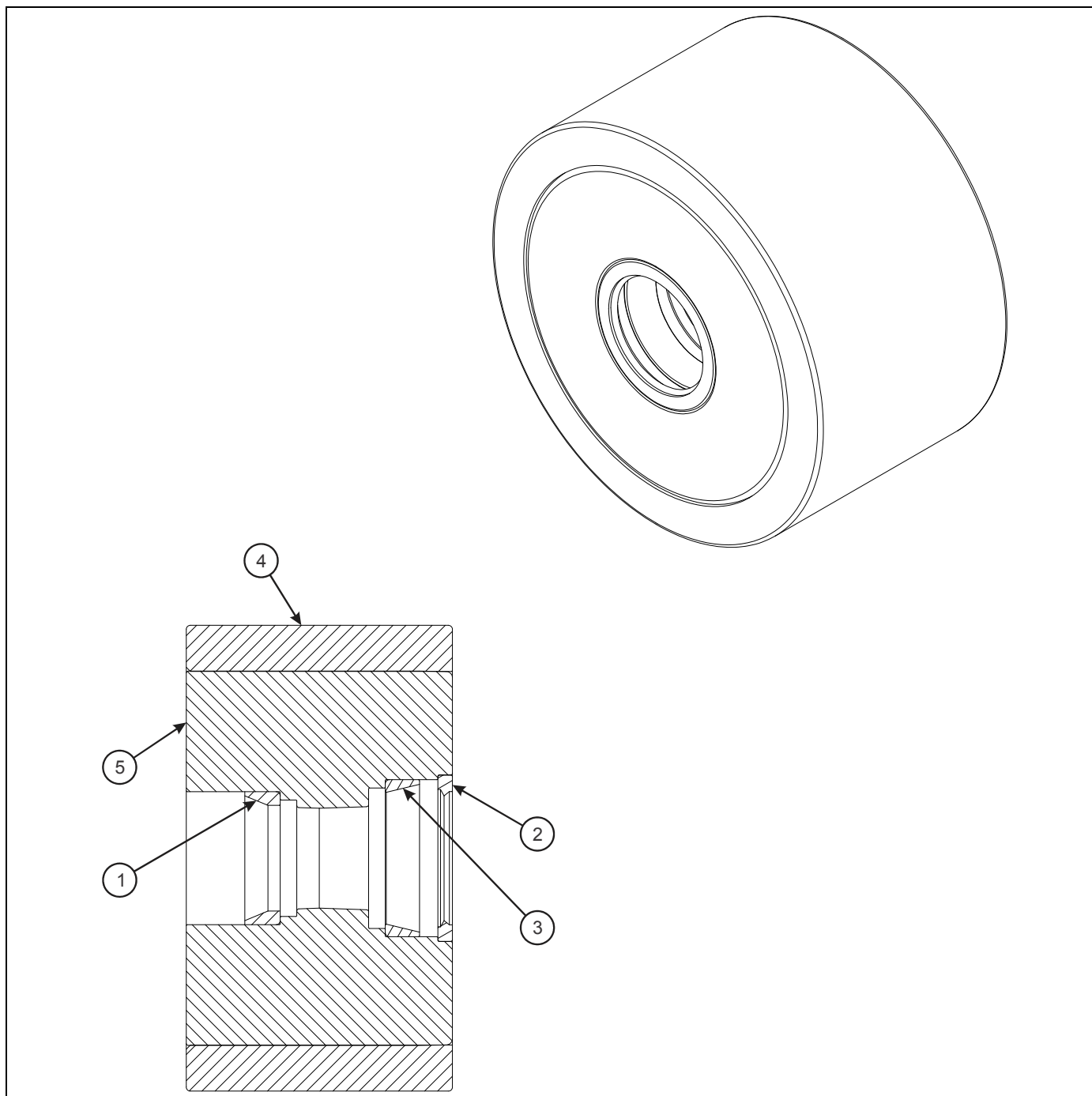


Figure 2-24: Wheel Assembly - B55 Only

Wheel Assembly - B55 Only

ITEM	PART NO.	DESCRIPTION	QTY.
	157484	WHEEL ASSY,B55 FRT LOAD	2
1	0022007	BEARING,CUP LOAD WHL,BENDI48	2
2	107747	SEAL, BT-4 FRONT ROT	2
3	109526	CUP,B40-4 FRT ROT BEARING	2
4	157482	TIRE, B55 14 X 8 X 11-1/4	2
5	157483	WHEEL, B55 FRONT LOAD	2

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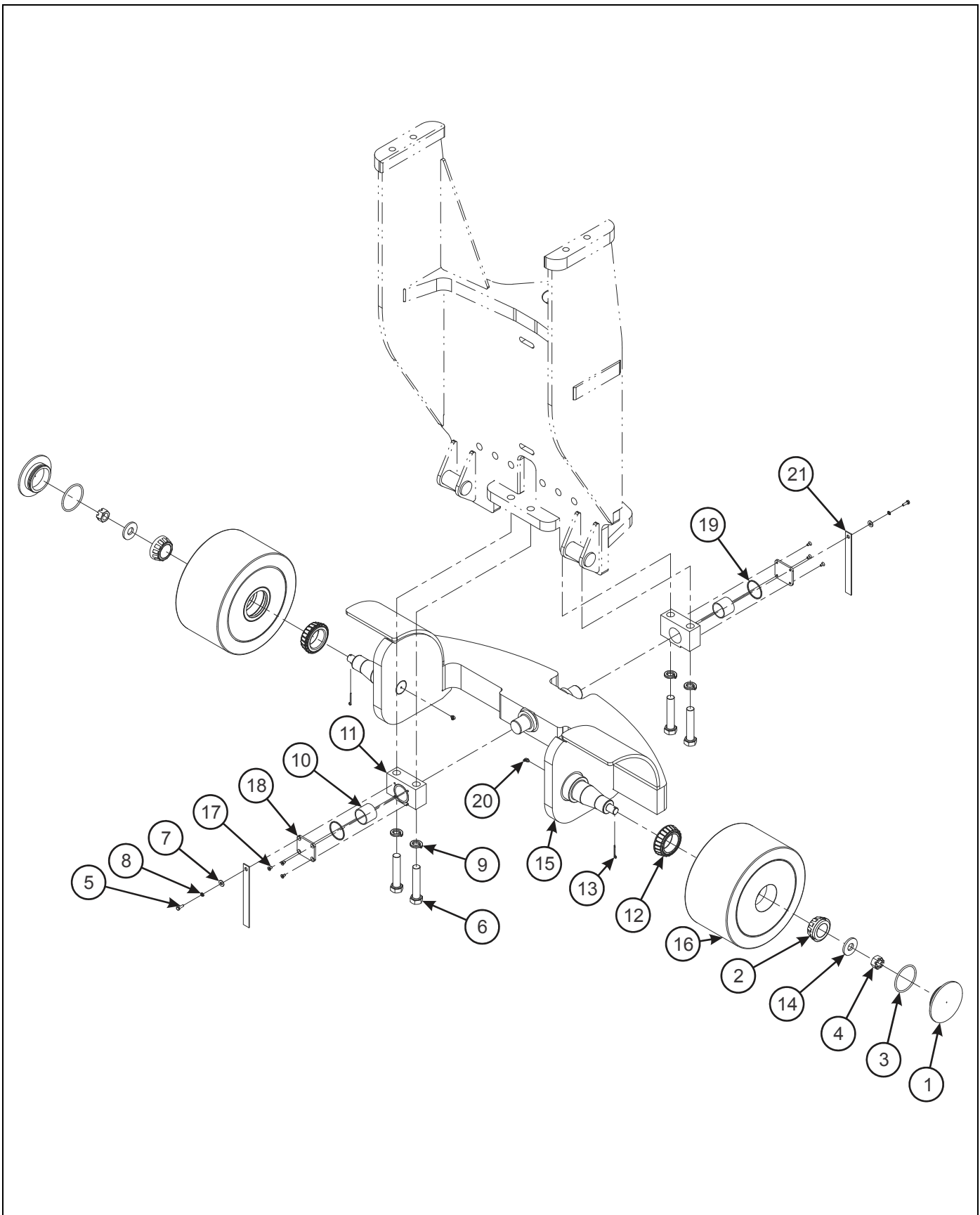


Figure 2-25: Front Axle Assembly - B55HL Only

Front Axle Assembly - B55HL Only

ITEM	PART NO.	DESCRIPTION	QTY.
1	0019039	HUB CAP, LOAD WHEEL	2
2	0022008	BEARING, CONE, LOAD WHL, BENDI48	2
3	0022016	O-RING, LOAD WHEEL, BENDI 48	2
4	1-516-010001-20	NUT, HX SLOT 1-14	2
5	1-654-010047-05	SCREW, HEX CAP 1/4-20UNC GR5	2
6	1-654-010065-15	SCREW HX CP 1-8UNCX5 GR5	4
7	1-861-010032-09	WASHER, FLAT 5/16 W ZP/CD	2
8	1-861-010034-09	WASHER, LKG HLCL SPR, 1/4	2
9	1-861-010034-21	WASHER, LKG HEL SPRG 1IN	4
10	100018	BUSHING, BT FRT AXLE PIVOT	2
11	107202	BLOCK, BT FRT AXLE MNT	2
12	109527	CONE, B40-4 FRT ROT BEARING	2
13	110-0354	5/32X1-1/2 COTTER PIN ZP	2
14	113099	WASHER, BT SPINDLE	2
15	159858	AXLE WLDMT, B55HL-15 FRONT	1
16	165568	WHEEL ASSY, BT55HL FRT LOAD (SEE PAGE 2-42)	2
17	3-654-010015	SCREW CAP HSFC 1/4-20X1/2****	6
18	40-0848	PLATE, TILT BLOCK COVER	2
19	40-0861	O-RING, TRUNNION COVER	2
20	5410	FITTING GREASE 1/4-28 90 1911	2
21	6719	STRAP, GROUND	2

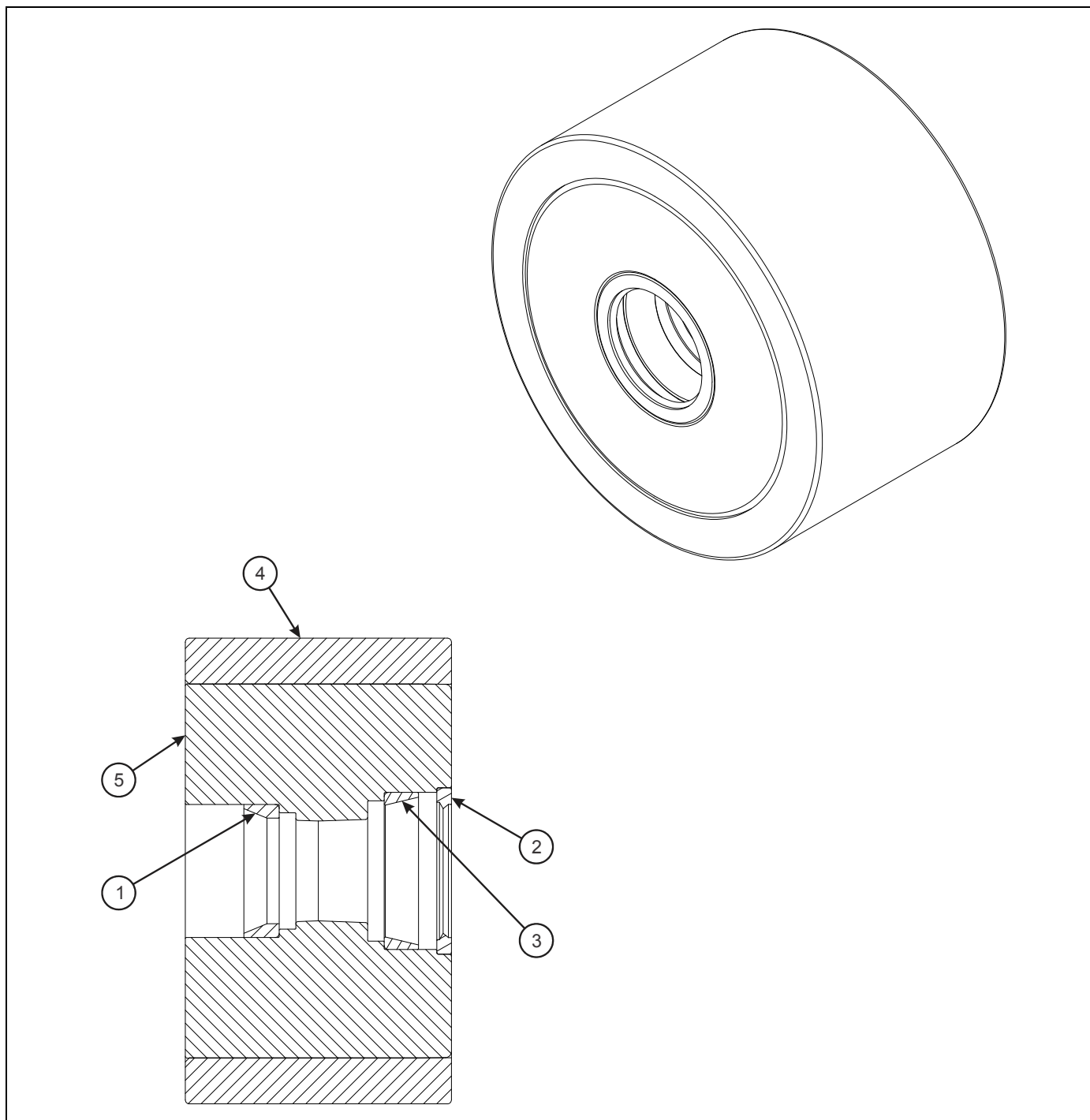


Figure 2-26: Wheel Assembly - B55HL Only

Wheel Assembly - B55HL Only

ITEM	PART NO.	DESCRIPTION	QTY.
	165568	WHEEL ASSY, BT55HL FRT LOAD	2
1	0022007	BEARING,CUP LOAD WHL,BENDI48	2
2	107747	SEAL, BT-4 FRONT ROT	2
3	109526	CUP,B40-4 FRT ROT BEARING	2
4	157483	WHEEL, B55 FRONT LOAD	2
5	165569	TIRE, BT55HL 15 X 8 X 11-1/4	2

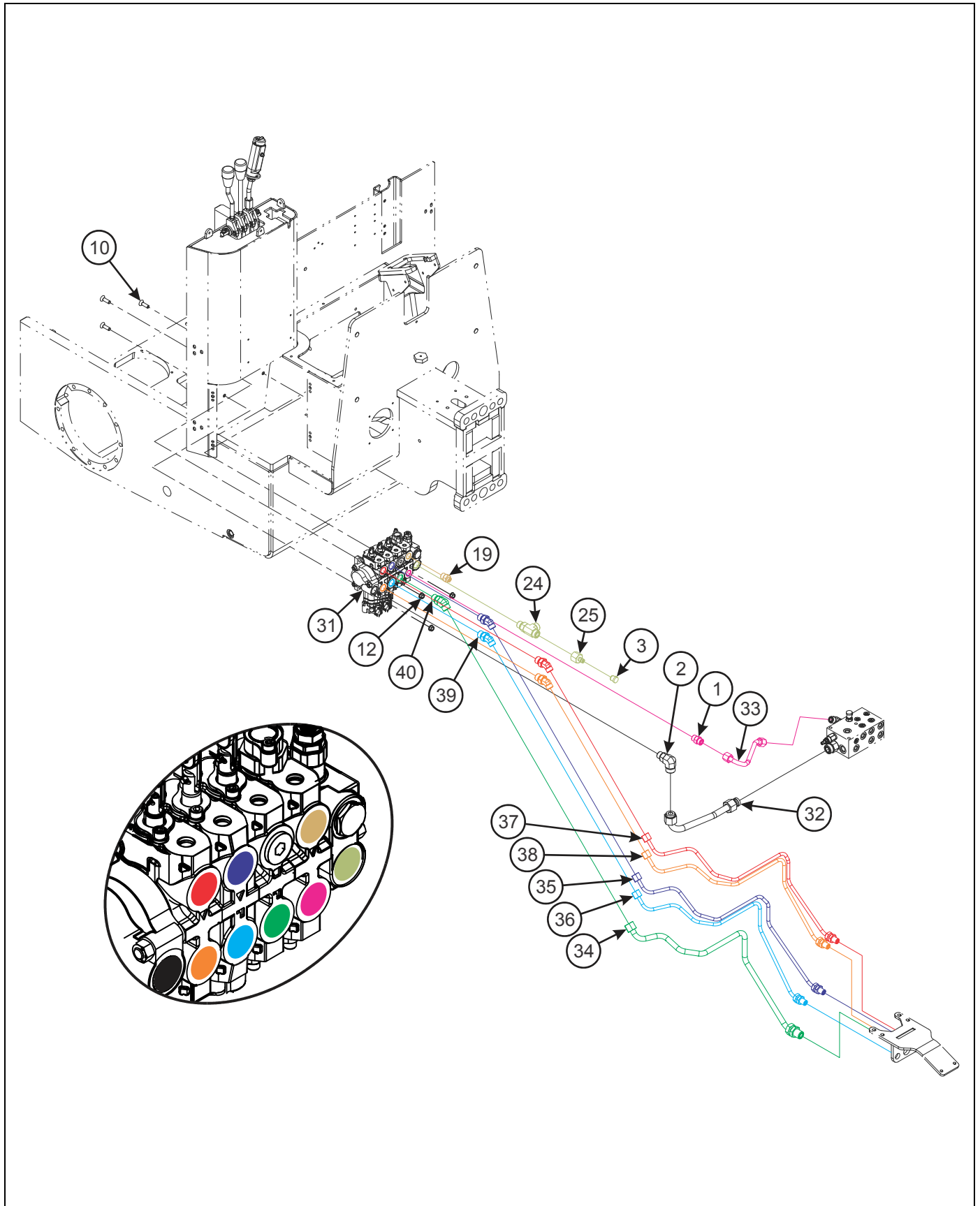


Figure 2-27: Control Valve Installation - B55 Only (1 of 2)

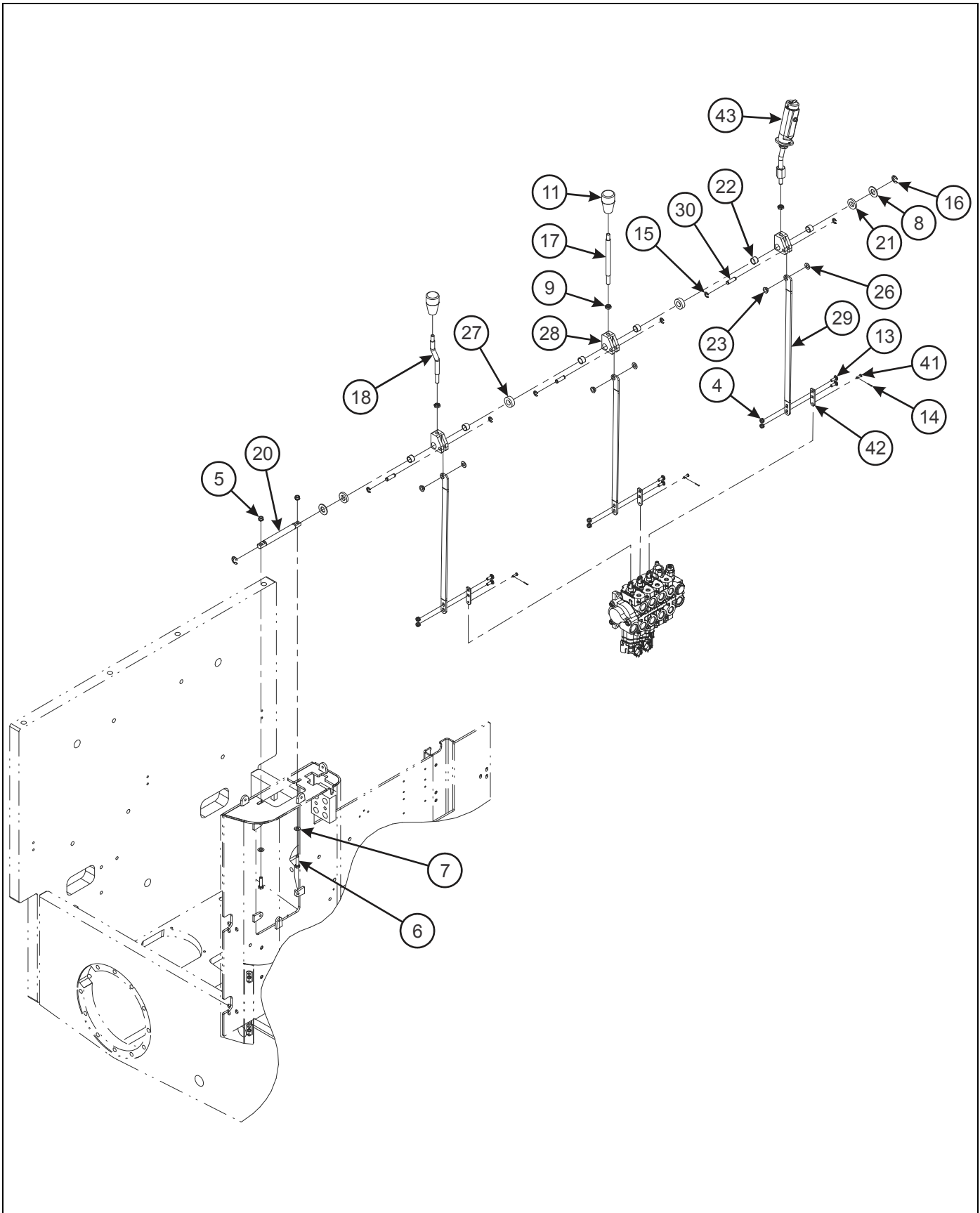


Figure 2-28: Control Valve Installation - B55 Only (2 of 2)

Control Valve Installation - B55 Only

ITEM	PART NO.	DESCRIPTION	QTY.
1	0018110	ADAPTER VALVE 1/2	1
2	0018119	ADAPTER P-STEER PUMP SUCTION	1
3	0018149	PORT DUST COVER	1
4	1-512-010004-05	NUT HEX 1/4-20 SELF-LK, GRA	6
5	1-512-010005-03	NUT HEX SLFLKG GRB 5/16-18	2
6	1-654-010049-06	SCREW, H/CAP, 5/16-18UNCX1-1/4	2
7	1-861-010032-08	WASHER, FLAT 5/16 ZP	2
8	1-861-010032-18	WASHER, FLAT 5/8 N ZP/CD	2
9	101967	NUT, HEX JAM M10X1.5 GR2 ZP	3
10	106429	SCREW, HX SKTCTSK 3/8-16X1-1/4	3
11	107199	KNOB, TAPERED BLACK	2
12	107470	NUT, SPIRALOCK 3/8-16HX	3
13	110-2760	BOLT, CARRIAGE 1/4-20X3/4	6
14	114067	PIN, 1/16X1/2 COTTER	3
15	119547	RING, RETAINING, EXT, E, 3/8	6
16	119548	RING, RETAINING, EXT, E, 5/8	2
17	121421	CONTROL VALVE TILT ROD	1
18	121571	LEVER, CNTL LIFT/SIDE SHIFT	1
19	127621	ADAPTER, #4 ORS X #8 ORB CONN	1
20	151409	PIN, BT/AC HYD LEVER PIVOT	1
21	151412	WASHER, BT/AC OTR HYD LVR SPCR	2
22	153235	BEARING, BT/AC VALVE LEVER	6
23	153253	BEARING, BT/AC VALVE LINK	3
24	153283	ADAPTER, #10 ORS RUN TEE	1
25	153284	NIPPLE, #10 ORS DIAGNOSTIC	1
26	153303	BEARING, BT/AC VALVE LK THRUST	3
27	153457	WASHER, BT/AC INR HYD LVR SPCR	2
28	153458	BLOCK, BT/AC HYD LVR ROCKER	3
29	153469	LINK, B55 HISCO VLV LEVER	3
30	153496	PIN, BT/AC UPR VALVE LINK	3
31	154004	VALVE, 3SPL HUSCO AX30454-180 (SEE PAGE 2-51)	1
32	154048	TUBE, BT/AC HYD VALVE RETURN	1
33	154049	TUBE, BT/AC STRG PRESS SUPPLY	1
34	154534	TUBE, BT/AC LIFT PORT TO BHD	1
35	154535	TUBE, BT/AC TILT PORT A TO BHD	1
36	154536	TUBE, BT/AC TILT PORT B TO BHD	1
37	154537	TUBE, BT/AC SS PORT A TO BHD	1
38	154538	TUBE, BT/AC SS PORT B TO BHD	1
39	154541	ADAPTER, #8ORS X #10ORB, 45ELB	4
40	154542	ADAPTER, #10ORS X #10ORB, 45ELB	1
41	160417	PIN, 3/16 X 5/8 CLEVIS ZP	3
42	160520	PLATE, LINKAGE LWR LSC	3
43	163899	LEVER ASSY B55 LIFT	1
44	154045	HARNESS, 3SPL HUSCO VLV (NOT SHOWN)	1

Table provided for your general use with this manual.

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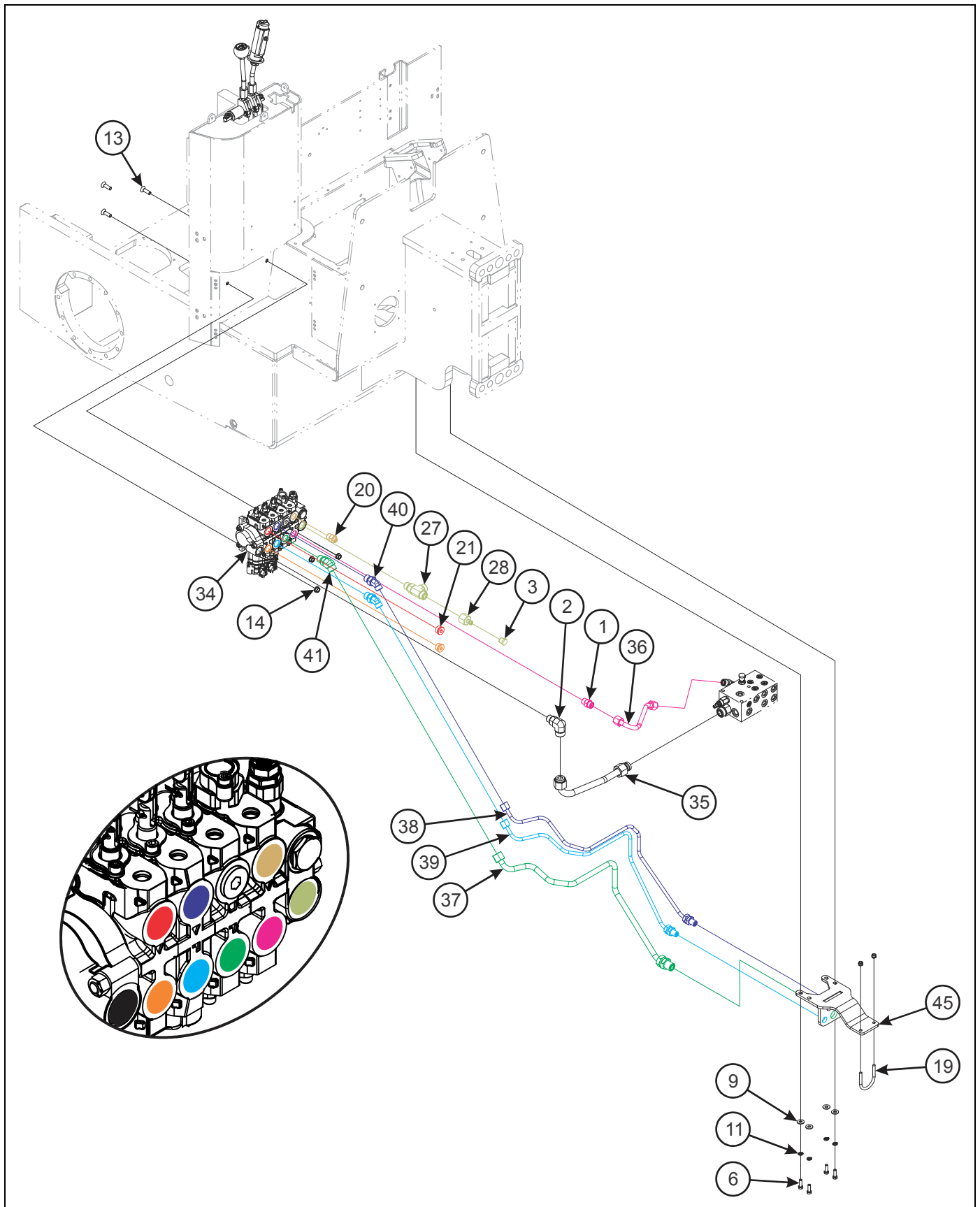
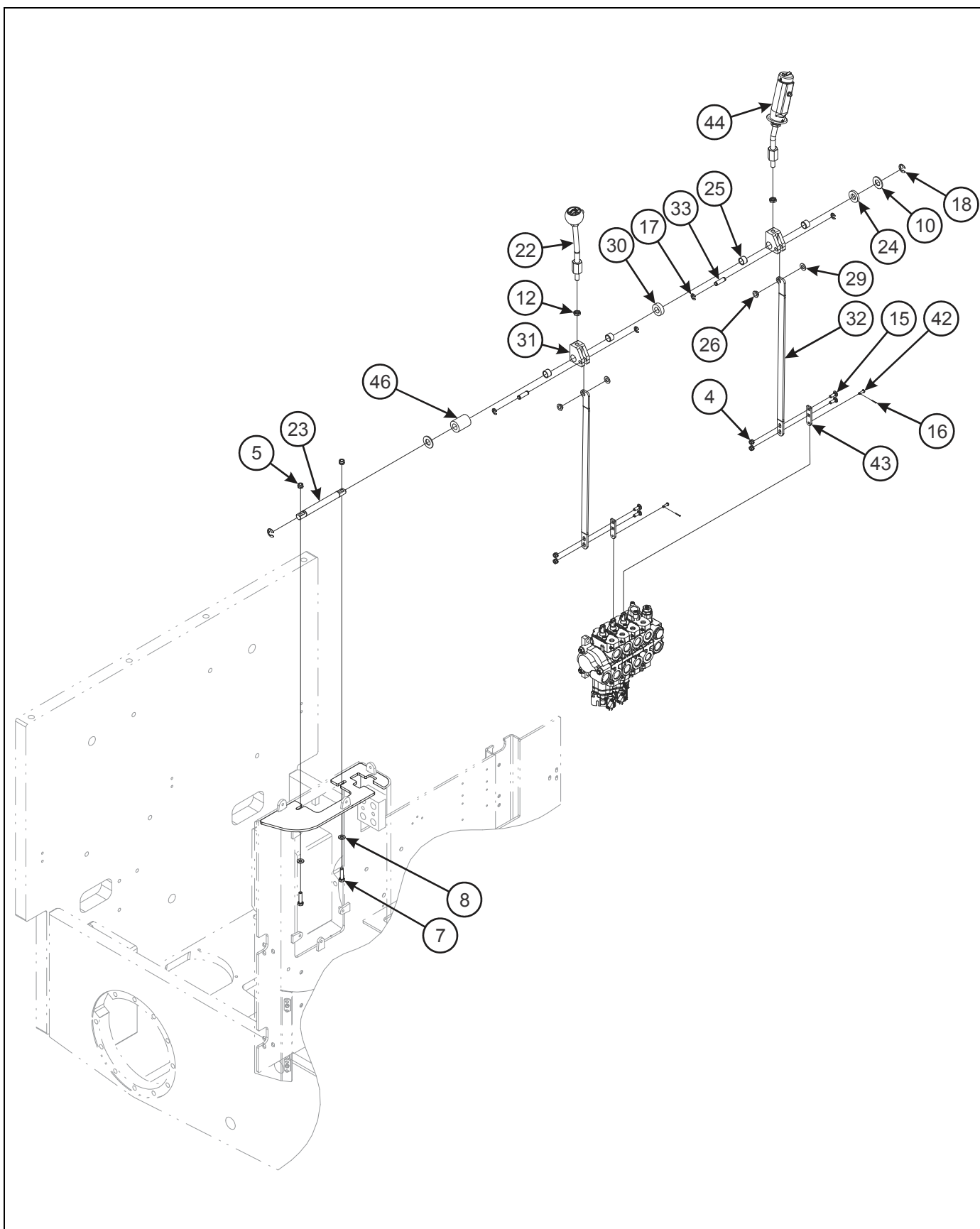


Figure 2-29: Control Valve Installation - B55HL Only (1 of 2)

**Figure 2-30: Control Valve Installation B55HL (2 of 2)**

Control Valve Installation - B55HL Only

ITEM	PART NO.	DESCRIPTION	QTY.
1	0018110	ADAPTER VALVE 1/2	1
2	0018119	ADAPTER P-STEER PUMP SUCTION	1
3	0018149	PORT DUST COVER	1
4	1-512-010004-05	NUT HEX 1/4-20 SELF-LK, GRA	4
5	1-512-010005-03	NUT HEX SLFLKG GRB 5/16-18	4
6	1-654-010049-05	SCREW HX CP 5/16-18UNCX1 GR5	4
7	1-654-010049-06	SCREW, H/CAP, 5/16-18UNCX1-1/4	2
8	1-861-010032-08	WASHER, FLAT 5/16 ZP	2
9	1-861-010032-09	WASHER, FLAT 5/16 W ZP/CD	4
10	1-861-010032-18	WASHER, FLAT 5/8 N ZP/CD	2
11	1-861-010034-10	WASHER, LKG 5/16	4
12	101967	NUT, HEX JAM M10X1.5 GR2 ZP	2
13	106429	SCREW, HX SKTCTSK3/8-16X1-1/4	3
14	107470	NUT, SPIRALOCK 3/8-16HX	3
15	110-2760	BOLT, CARRIAGE 1/4-20X3/4	4
16	114067	PIN, 1/16X1/2 COTTER	2
17	119547	RING, RETAINING, EXT, E, 3/8	4
18	119548	RING, RETAINING, EXT, E, 5/8	2
19	124845	U-BOLT, 5/16-18X2X2-11/16	1
20	127621	ADAPTER, #4 ORS X #8 ORB CONN	1
22	146377	LEVER ASSY, B55HL TILT/SS (SEE PAGE 2-52)	1
23	151409	PIN, BT/AC HYD LEVER PIVOT	1
24	151412	WASHER, BT/AC OTR HYD LVR SPCR	1
25	153235	BEARING, BT/AC VALVE LEVER	4
26	153253	BEARING, BT/AC VALVE LINK	2
27	153283	ADAPTER, #10 ORS RUN TEE	1
28	153284	NIPPLE, #10 ORS DIAGNOSTIC	1
29	153303	BEARING, BT/AC VALVE LK THRUST	2
30	153457	WASHER, BT/AC INR HYD LVR SPCR	1
31	153458	BLOCK, BT/AC HYD LVR ROCKER	2
32	153469	LINK, B55 HISCO VLV LEVER	2
33	153496	PIN, BT/AC UPR VALVE LINK	2
34	154004	VALVE, 3SPL HUSCO AX30454-180 (SEE PAGE 2-51)	1
35	154048	TUBE, BT/AC HYD VALVE RETURN	1
36	154049	TUBE, BT/AC STRG PRESS SUPPLY	1
37	154534	TUBE, BT/AC LIFT PORT TO BHD	1
38	154535	TUBE, BT/AC TILT PORT A TO BHD	1
39	154536	TUBE, BT/AC TILT PORT B TO BHD	1
40	154541	ADAPTER, #8ORS X #10ORB, 45ELB	2
41	154542	ADAPTER, #10ORS X #10ORB, 45ELB	1
42	160417	PIN, 3/16 X 5/8 CLEVIS ZP	2
43	160520	PLATE, LINKAGE LWR LSC	2
44	163899	LEVER ASSY B55 LIFT (SEE PAGE 2-53)	1
45	165753	BRACKET WLDMT, B55HL ACTR BLD	1
46	165931	SPACER, B55HL INR HYD LEVER	1

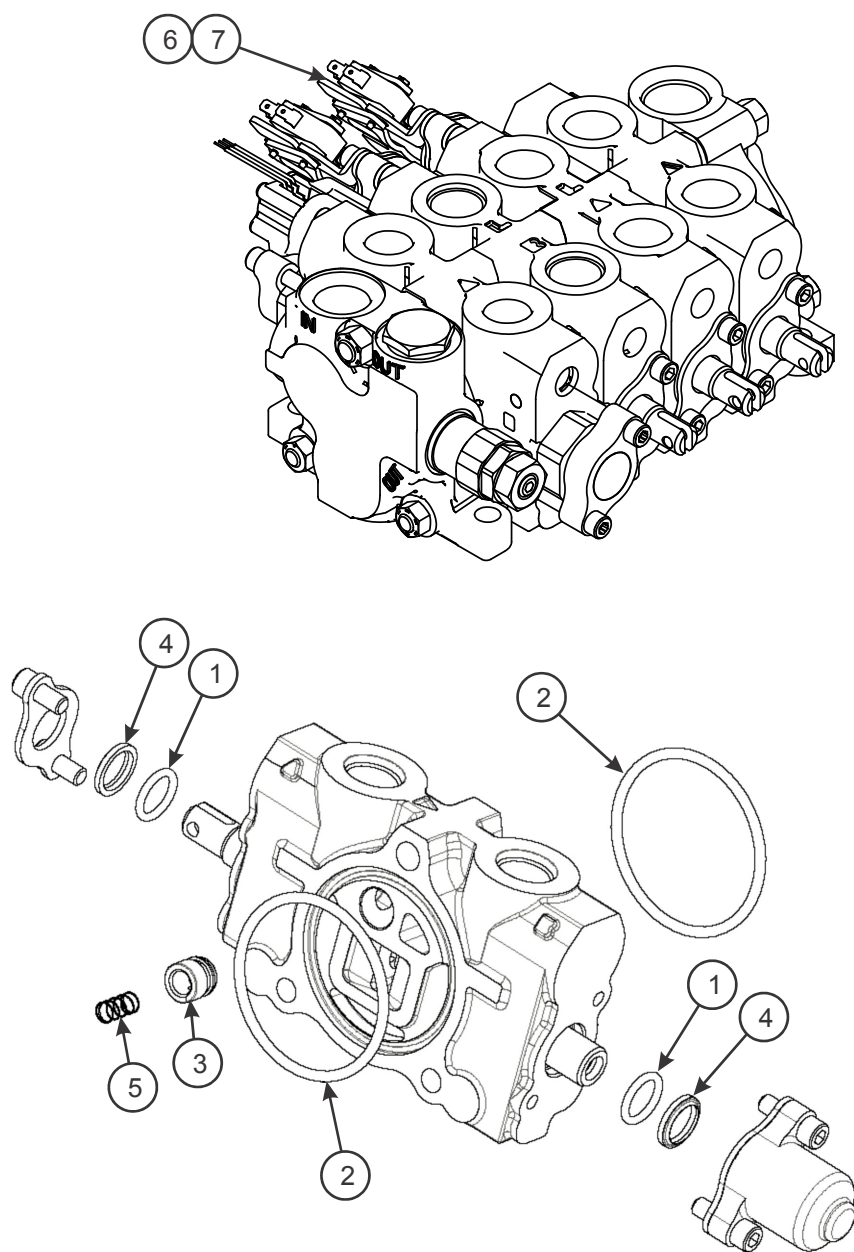


Figure 2-31: Hydraulic Control Valve Assembly

Hydraulic Control Valve Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
	154004	VALVE, 3SPL HUSCO AX30454-180	
1	-----		2
2	-----		2
3	-----		1
4	-----		2
5	-----		1
6	25035	SWITCH, MICRO	2
7	156260	KIT, BTAC LIFT SPOOL SENSOR	2
	153183	SINGLE SECTION SERVICE KIT	

ILLUSTRATED PARTS LIST

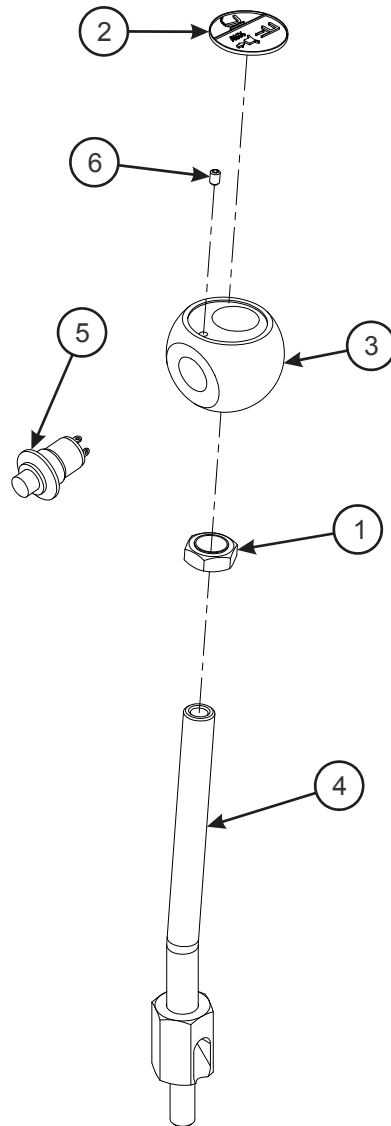


Figure 2-32: Tilt Lever Assembly - B55HL Only

Tilt Lever Assembly - B55HL Only

ITEM	PART NO.	DESCRIPTION	QTY.
	146377	LEVER ASSY, B55HL TILT/SS	
1	1-511-010001-05	NUT HEX JAM 1/2-13	1
2	138652	INSERT KNOB, AUX	1
3	1405639	KNOB, CONTROL	1
4	146376	LEVER WLDMT, B55HL TILT/SS	1
5	167113	SWITCH, PUSH BUTTON	1
6	21GM46ER	SCR,SET,CUP PT M4 .7X6LG	1

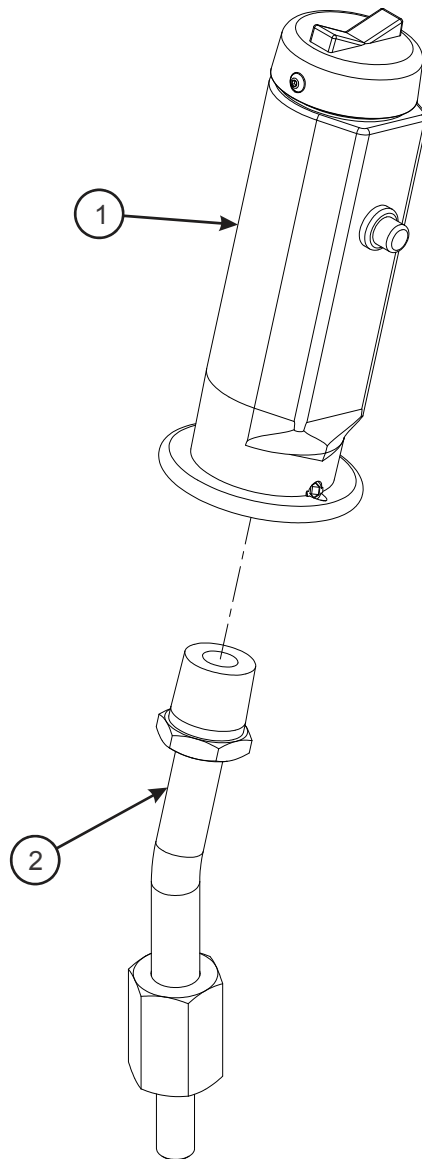


Figure 2-33: Lift Lever Assembly

Lift Lever Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
	163899	LEVER ASSY B55 LIFT	
1	162949	HANDLE, DIR/HORN LIFT LEVER	1
2	163159	LEVER WLDMT, B55 LIFT	1

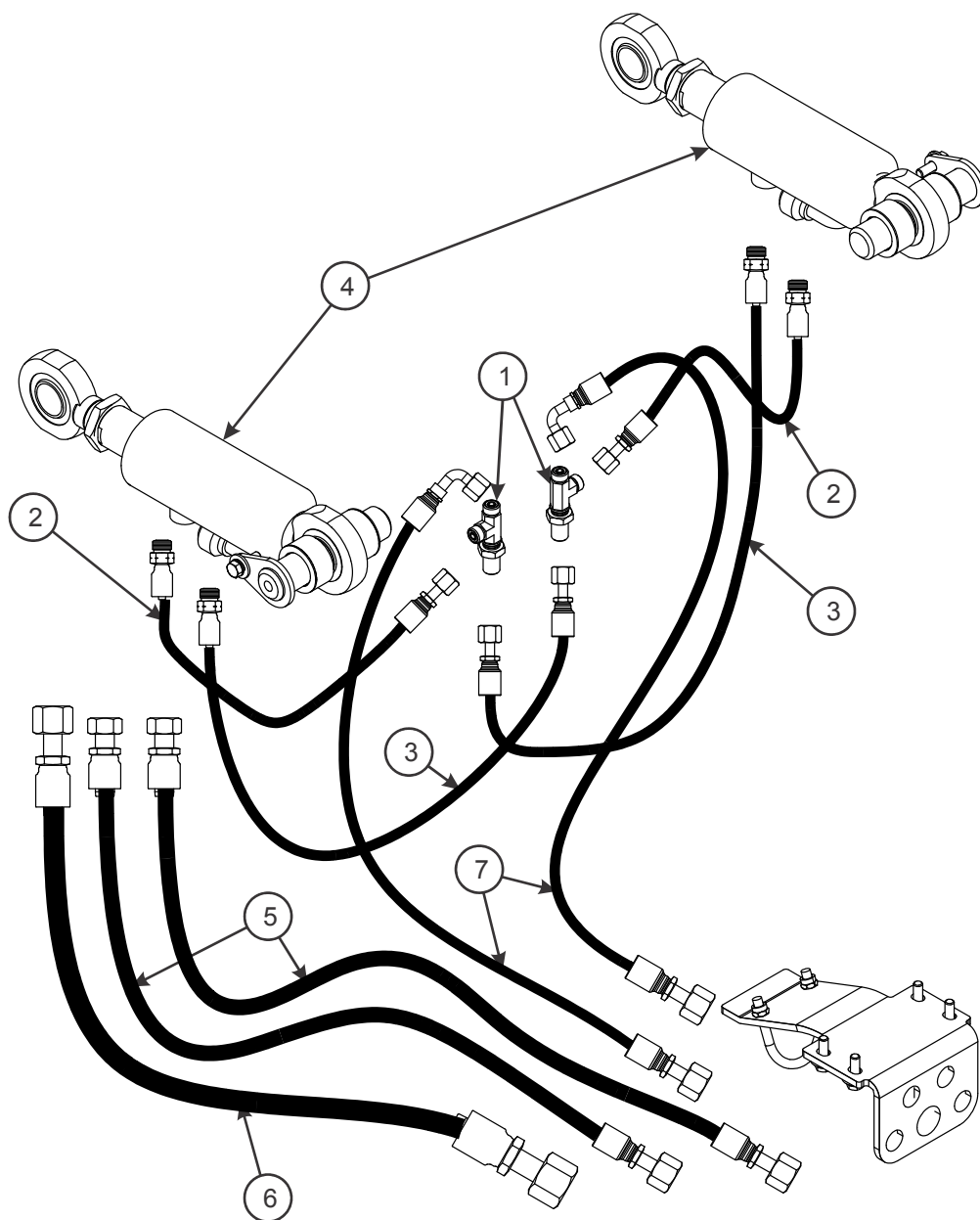


Figure 2-34: Mast Hydraulic Assembly - B55 Only

Mast Hydraulic Assembly - B55 Only

ITEM	PART NO.	DESCRIPTION	QTY.
1	0018126	FITTING BULKHEAD TEE TILTS (SEE PAGE 2-35)	REF
2	152822	HOSE,#4STRORSX#6ORB#4-25	2
3	152823	HOSE,#4STRORSX#6ORB#4-31	2
4	153229	CYLINDER,BT-AC TILT (SEE PAGE 2-55)	REF
5	121699	HOSE,#6STRORSX#6STRJIC#4-61	2
6	154619	Hose,#10strorsX#10strX#10-35	1
7	152820	HOSE,#6STRORSX#4ORS90SX#4-44	2

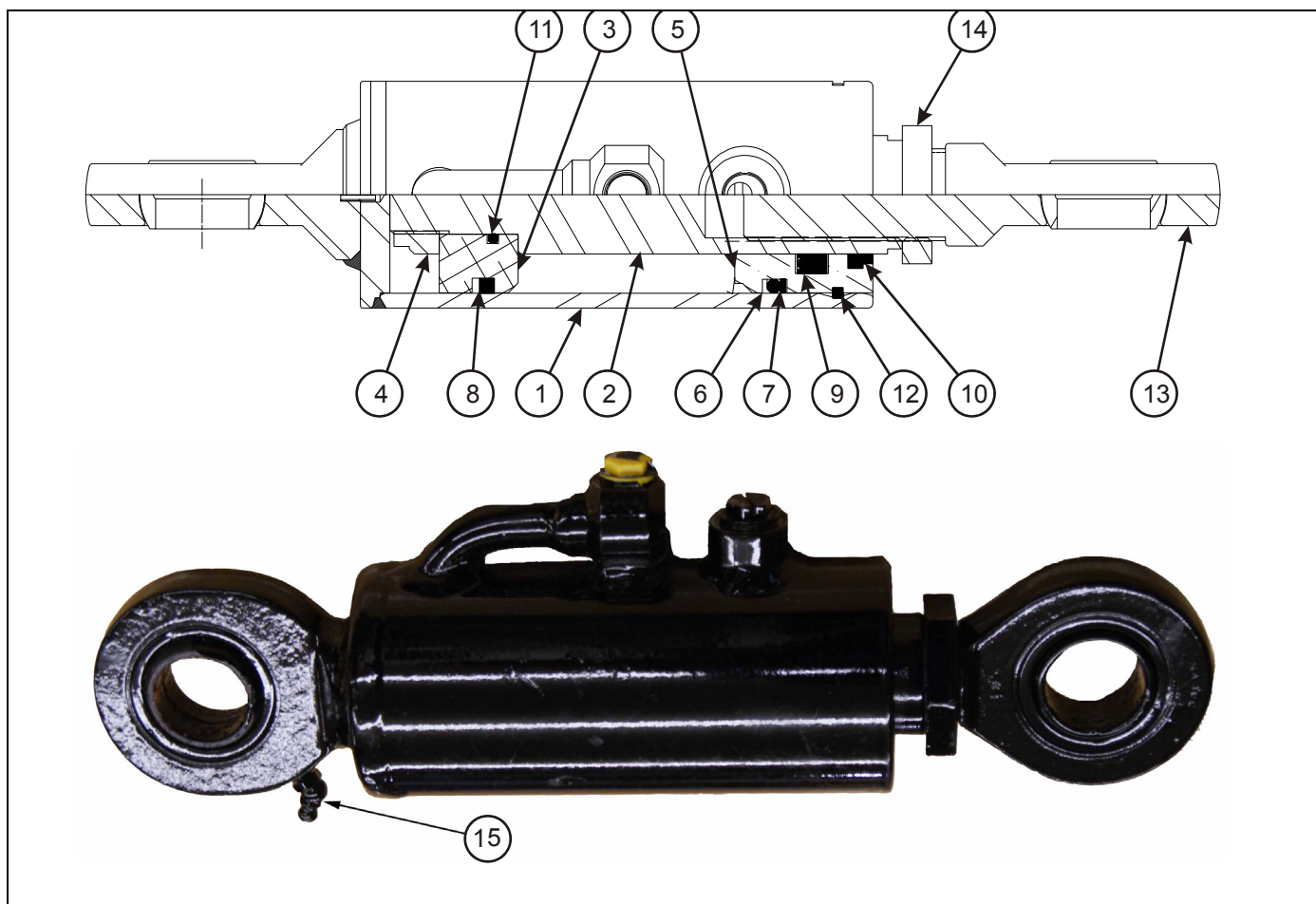


Figure 2-35: Tilt Cylinder Assembly - B55 Only

Tilt Cylinder Assembly - B55 Only

ITEM	PART NO.	DESCRIPTION	QTY.
	153528	CYLINDER,BT-AC LIMITED TILT	
	153229	CYLINDER,BT-AC TILT	
1		2.5INCH BARREL ASSEMBLY	1
2		1.5INCH SHAFT	1
3		2.5INCH PISTON 1INCH SHAFT	1
4		1INCH LOCK JAM NUT	1
5		2.5INCH HEAD 1.5INCH SHAFT	1
6		O-RING	1
7		BACKUP	1
8		PSP SEAL	1
9		PPS SEAL	1
10		DUST SEAL	1
11		O-RING	1
12		1/8INCH KEYSTOCK	1
13		SKF BEARING	1
14		HEX NUT, M30 X 2	1
15		45° ZERK, 6 X 1	1
16		SPACER (NOT SHOWN) (FOR 153528)	1
	153967	REPAIR KIT, TILT CYLINDER	

ILLUSTRATED PARTS LIST

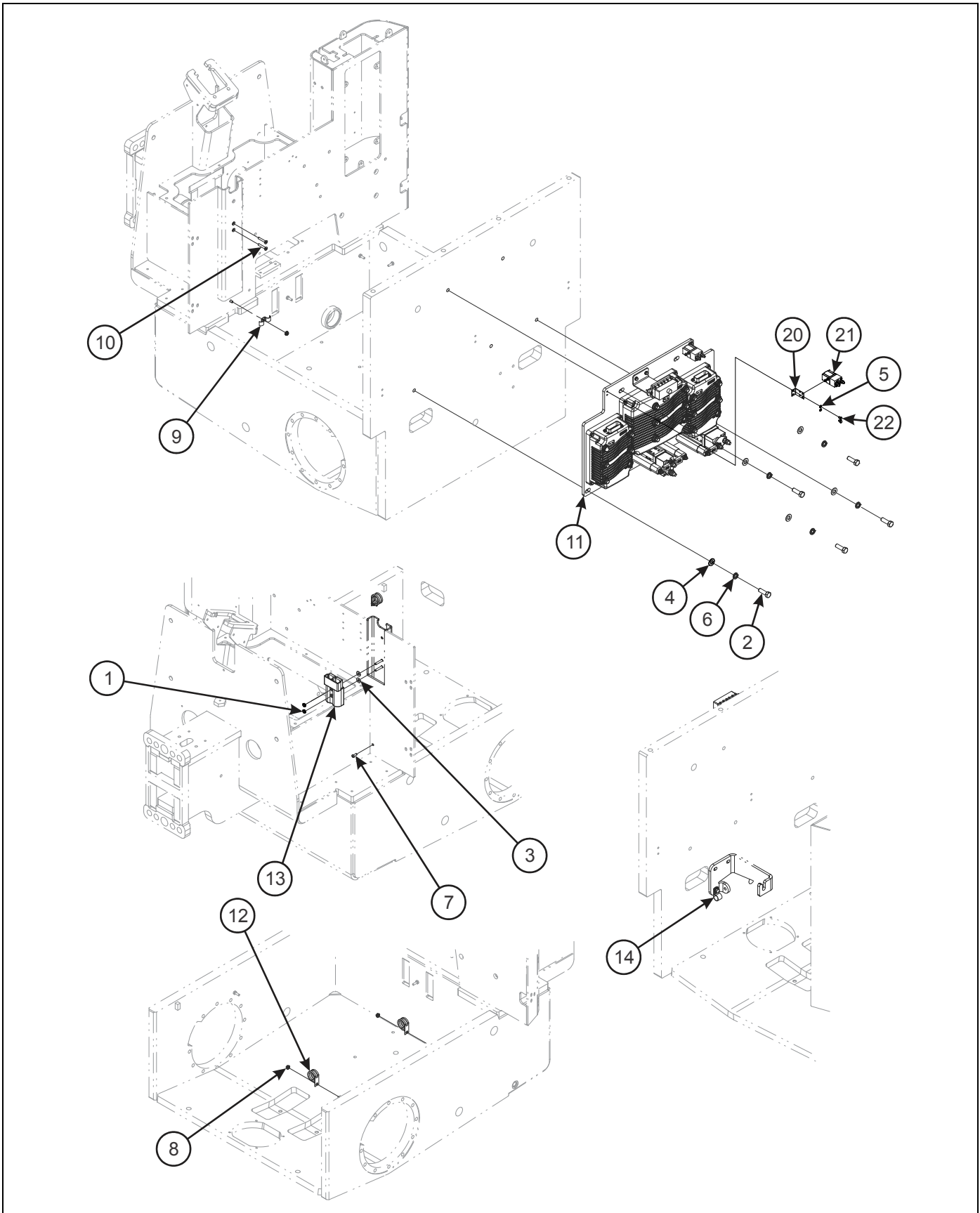


Figure 2-36: Control Panel Installation

Control Panel Installation

ITEM	PART NO.	DESCRIPTION	QTY.
1	115963	NUT,HVY HX JAM 1/4-20	2
2	1-654-010055-03	SCREW,HEX CAP,1/2-13UNCX1-1/2	5
3	1-861-010032-07	WASHER,FLAT 1/4 ZP	2
4	1-861-010032-14	WASHER, FLAT 1/2" N ZP/CD	5
5	6EM50ER	WASHER-LOCK METRIC M5	2
6	1-861-010034-13	WASHER, LKG HLCL SPR, 1/2	5
7	106954	SCREW,BHSC 1/4-20UNCX5/8	1
8	108417	NUT SPIRAL 1/4-20HX FG	3
9	109099	CLAMP, 5/8 DOUBLE TUBE	1
10	111630	SCREW,HXSKT CTSK1/4-20UNCX1.5	2
11	146615	ASSY, BENDI AC PANEL (SEE PAGE 2-59)	1
12	239-9076-009	CLAMP, HOSE 1-1/4,LOOM	2
13	30008	CONNECTOR BATTERY SB350 BLUE	1
14	40-0717-02	CLAMP,HYD HOSE SUPPORT	1
15	146127	HARNESS B55 MAIN (NOT SHOWN)	1
16	0036002	HEAT SINK GREASE (NOT SHOWN)	1
17	1-394-010002	HOSE ABRASION SLEEVE2-7/8 (NOT SHOWN)	1
18	43028	HOSE WRAP AEROQUIP 3/8 (NOT SHOWN)	4
19	1-822-010002	TRIM-LOK 3/16 (NOT SHOWN)	1
20	145406	L-BRACKET FOR CONTACTOR	1
21	152144	CONTACTOR,SW60 48V DC ENCLSD	1
22	1CM508ER	SCREW, HH,M5X0.8-8,CL8.8	2

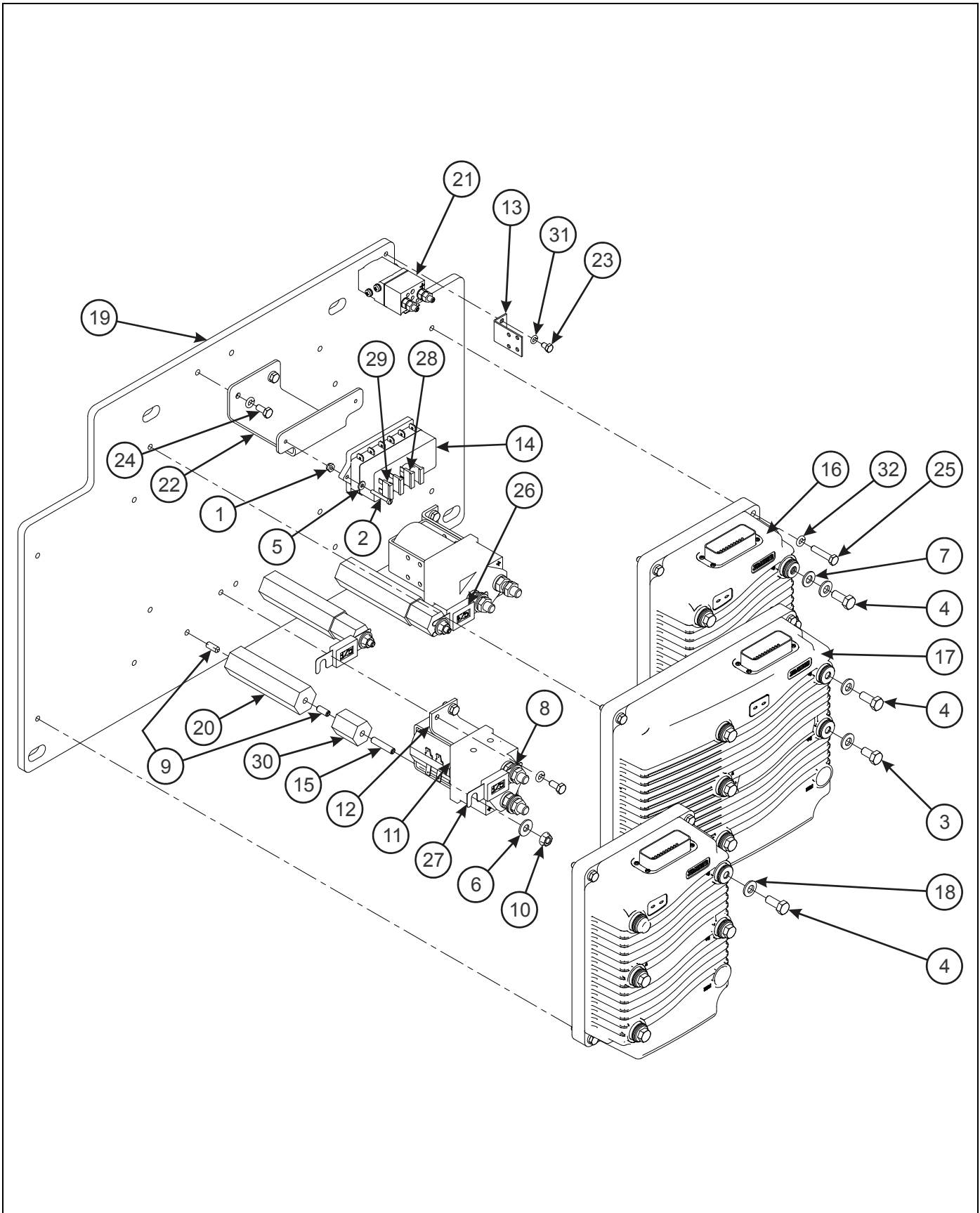


Figure 2-37: Controller Panel Assembly

Controller Panel Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
	146615	ASSY, BENDI AC PANEL	
1	1-512-010003-02	NUT,HEX,SLFLKG W/NYL #6-32	2
2	1-654-010024011	SCREW MACH 6-32X1 MACH SLT FL	2
3	1-654-010166-03	SCREW M8-1.25X16 HCS 8.8 ZP	12
4	1-654-010166-04	SCREW M8-1 25X20 HCS 8.8 ZP	3
5	1-861-010032-01	WASHER, FLAT #6 ZP/CD	4
6	1-861-010032-07	WASHER,FLAT 1/4 ZP	3
7	1-861-010032-08	WASHER,FLAT 5/16 ZP	2
8	1-861-010032-10	WASHER, FLAT 3/8" N ZP/CD	6
9	101375	SCREW HEX,SKT 1/4-20X5/8	6
10	108417	NUT SPIRAL 1/4-20HX FG	3
11	143542	CONTACTOR, SW200 W/ DUST SHLD	2
12	143547	MOUNT,SW CONTACTOR B3-2	2
13	145406	L-BRACKET FOR CONTACTOR	1
14	146061	HOLDER, COVERED 6 FUSE	1
15	146072	SCREW, HEX/SKT, 1/4-20X1-1/4	3
16	146295	CONTROLLER, 48V 350A AC MOTOR	2
17	146296	CONTROLLER, 48V 650A AC MOTOR	1
18	146613	WSHR,5/16IDX5/64THK CONL SAF	15
19	146614	PLATE, BT-AC PANEL	1
20	146632	STANDOFF, FUSE INSULATOR	3
21	152144	CONTACTOR,SW60 48V DC ENCLSD	1
22	153479	BRACKET, FUSE BLOCK	1
23	1CM508ER	SCREW, HH,M5X0.8-8,CL8.8	2
24	1CM614ER	SCREW HX HD M6X14MM CL8.8 ZP	6
25	1CM630ER	SCREW,HX HD,M6X1.0-30, CL 8.8	12
26	36204	FUSE, 425 AMP	1
27	36205	FUSE 325 AMP	2
28	40-0917-10	FUSE, ATO/ATC 10AMP	2
29	40-0917-5	FUSE, ATO/ATC 5 AMP	2
30	40-0933	INSULATOR, POWER FUSE	3
31	6EM50ER	WASHER-LOCK METRIC M5	2
32	6EM60ER	WASHER LOCK SPRING M6 ZP	18



REVISIONS			
EDN	ZONE	LIB	DATE (M-M-YY)
31789		A	11-2-24
			See E/CN

Bendi AC Dash/Steer column harness Wire Chart									
Landoll P/N 151398									
Note: anything with an * see notes below									
RUN NO.	WIRE NO.	SOURCE		DESTINATION		WIRE DATA		P/N	COLOR LENGTH
		CONN	TERM P/N	PIN	CONN	TERM P/N	PIN		
1	00	12	622-2967-015	1	14	Splice		N/A	16 AWG Black 28.5"
2	00	3	622-2967-015	2	14	Splice		N/A	16 AWG Blk 17.5"
3	00	1	160476	2	14	Splice		N/A	16 AWG Blk 10.5"
4	20	12	622-2967-015	2	11	239-3650-3	Bat		16 AWG Red/Blk 33"
5	20A	1	160476	1	13	Splice		N/A	16 AWG Red/Blk 9.5"
6	20A	1	160476	13	13	Splice		N/A	16 AWG Red/Blk 9.5"
7	20A	12	622-2967-015	3	13	Splice		N/A	16 AWG Red/Blk 29.5"
8	20A	4	* 173707-1 / 172888-2	4	13	Splice		N/A	16 AWG Red/Blk 12"
9	20B	12	622-2967-015	11	10	239-3650-3	Ign		16 AWG Red/Blk 33"
10	21	12	622-2967-015	4	8	* 173707-1 / 172888-2		6	16 AWG Blk/Brm 35.5"
11	21A	12	622-2967-015	5	9	* 173707-1 / 172888-2		5	16 AWG Blk/Brm 35.5"
12	24	12	622-2967-015	5	6	* 173707-1 / 172888-2		6	16 AWG Red/Yel 35.5"
13	24A	7	* 173707-1 / 172888-2	5	12	622-2967-015		12	16 AWG Red/Yel 35.5"
14	24A	3	622-2967-015	1	15	Splice		N/A	16 AWG Red/Yel 20.0"
15	33	12	622-2967-015	7	5	* 173707-1 / 172888-2		5	16 AWG Org 35.5"
16	Bare	12	622-2967-015	4	2	Cut/flush w/ sheathing		N/A	18-2 w/ shield Bare 40.5"
17	Blk	12	622-2967-015	9	2	160476	2	18-2 w/ shield	Blk 40.5"
18	Cir	12	622-2967-015	10	2	160476	1	18-2 w/ shield	Cir 40.5"
19	Plug	12	622-2967-015	12		N/A		N/A	N/A
20	J2	2	160476	5	2	160476	6		16 AWG Blk 2.5

Notes:

* 173707-1 / 172888-2 MFG P/N (Tyco AMP)

Run number 14 gets window soldered into Run 13 approx. 22" back from connector 12

Bendi AC Dash/Steer Column harness Connector List									
Landoll P/N 151398									
Note: anything with an * see notes below									
Connector	Connector p/n	Retainer p/n	Pins/Sockets	p/n	Seal p/n	Plug p/n	Plug p/n	Plug p/n	Plug p/n
1	160474		N/A		160476		N/A		N/A
2	160475		N/A		160476		N/A		N/A
3	622-2967-002	622-2967-018	622-2967-015				N/A		N/A
4	* 30.16.06870		N/A		* 173707-1	* 172888-2			N/A
5	* 30.16.06870		N/A		* 173707-1	* 172888-2			N/A
6	* 30.16.06870		N/A		* 173707-1	* 172888-2			N/A
7	* 30.16.06870		N/A		* 173707-1	* 172888-2			N/A
8	* 30.16.06870		N/A		* 173707-1	* 172888-2			N/A
9	* 30.16.06870		N/A		* 173707-1	* 172888-2			N/A
10	239-3650-3		N/A		N/A		N/A		N/A
11	239-3650-3		N/A		N/A		N/A		N/A
12	622-2967-012	622-2967-028	622-2967-015				N/A		622-2962-009

Notes:

* 30.16.06870 MFG P/N (COBO)

* 173707-1 / 172888-2 MFG P/N (Tyco AMP)

PART NUMBER		PART NAME		PART QTY		PART UNIT	
151398		BENDI AC DASH/STEERING COLUMN HARNESS		1		2 of 2	
DATE		REV		REV		REV	
11-2-24		A		1		2	
DESCRIPTION		REVISIONS		DATE (M-M-YY)		APPROVED	
See E/CN				11-2-24			

Figure 2-39: Dash/Steering Column Harness Diagrams (2 of 3 See Page 2-67)

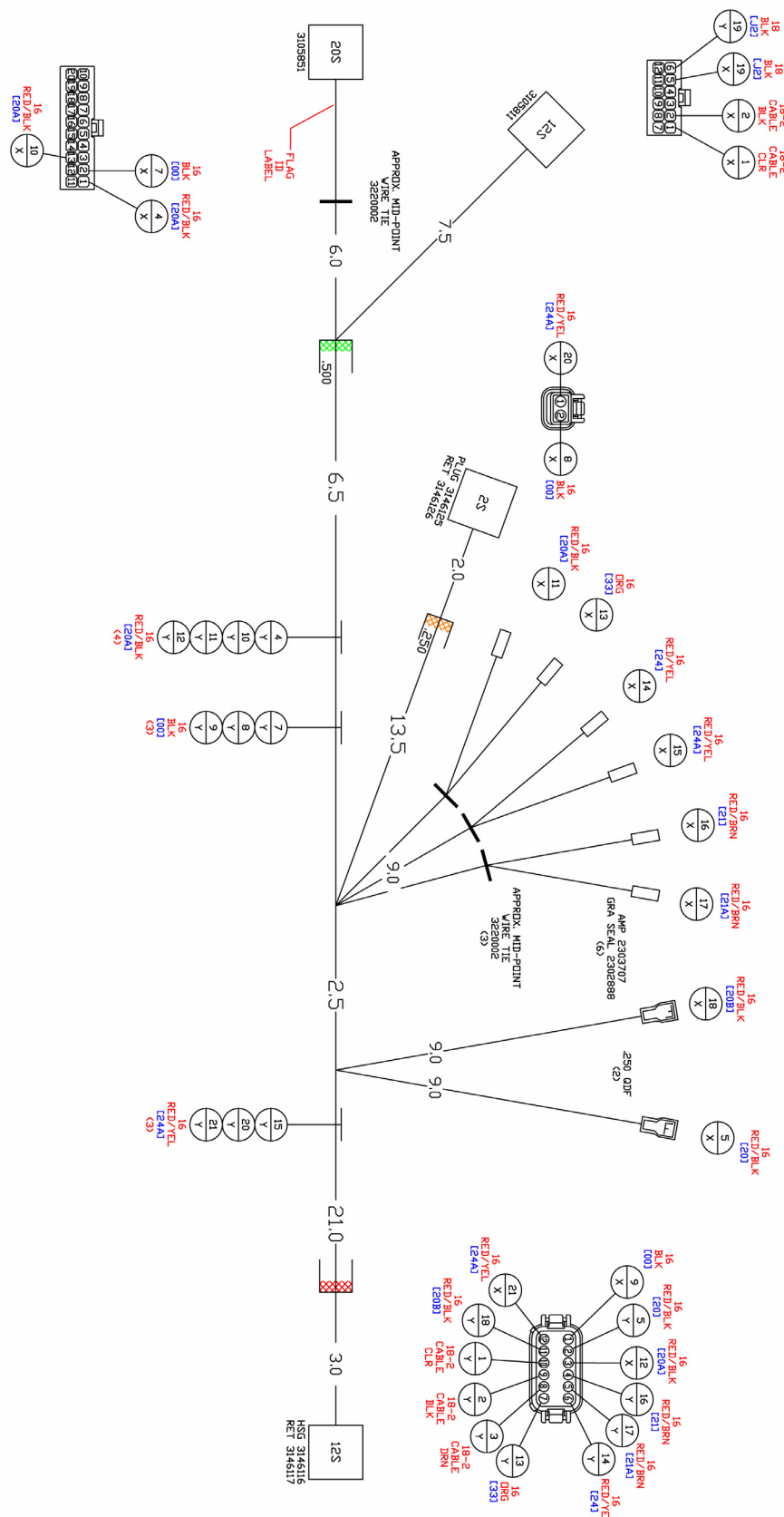


Figure 2-40: Dash/Steering Column Harness Diagrams (3 of 3 See Page 2-67)

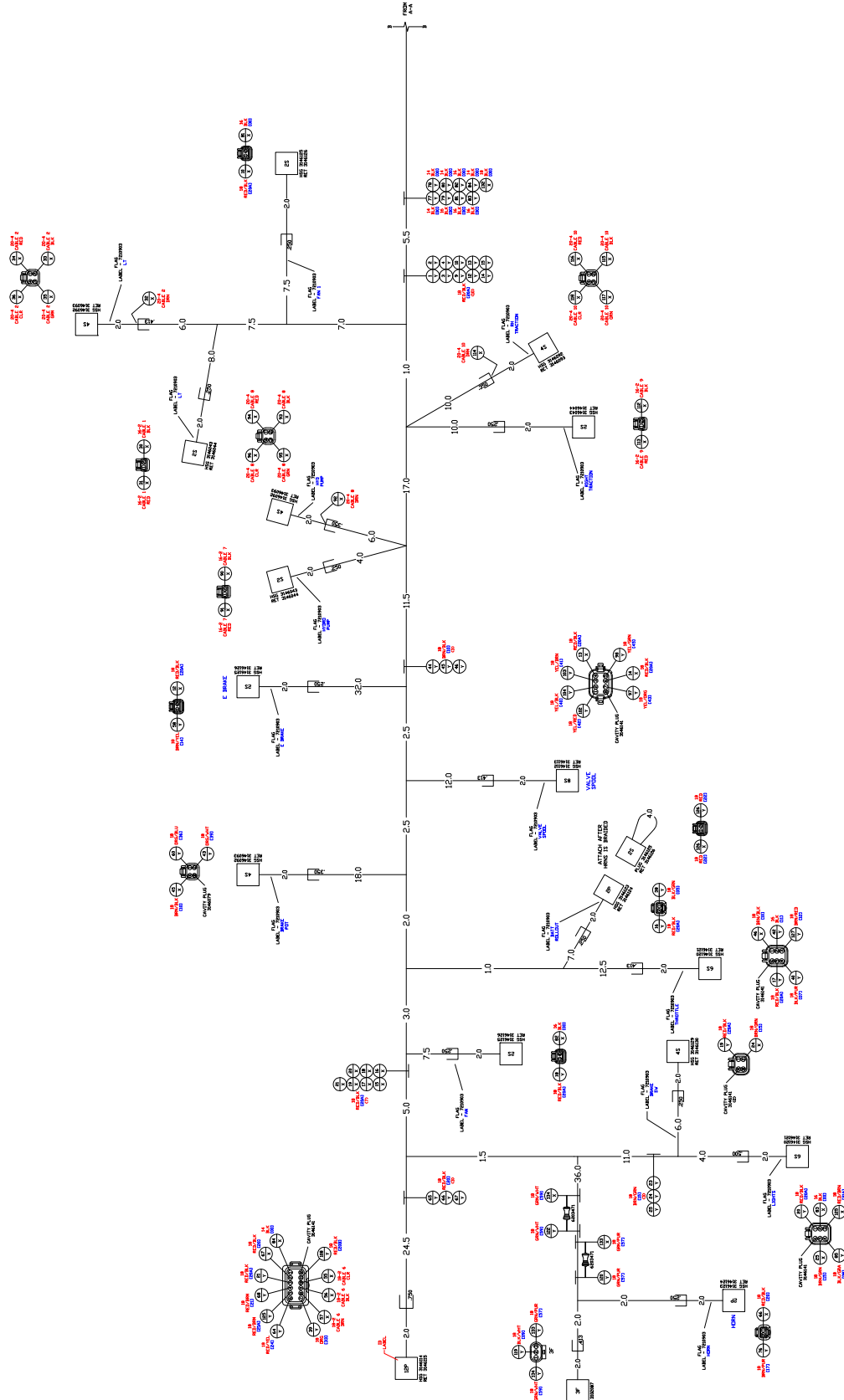


Figure 2-41: Main Harness Diagrams (1 of 2 See Page 2-67)

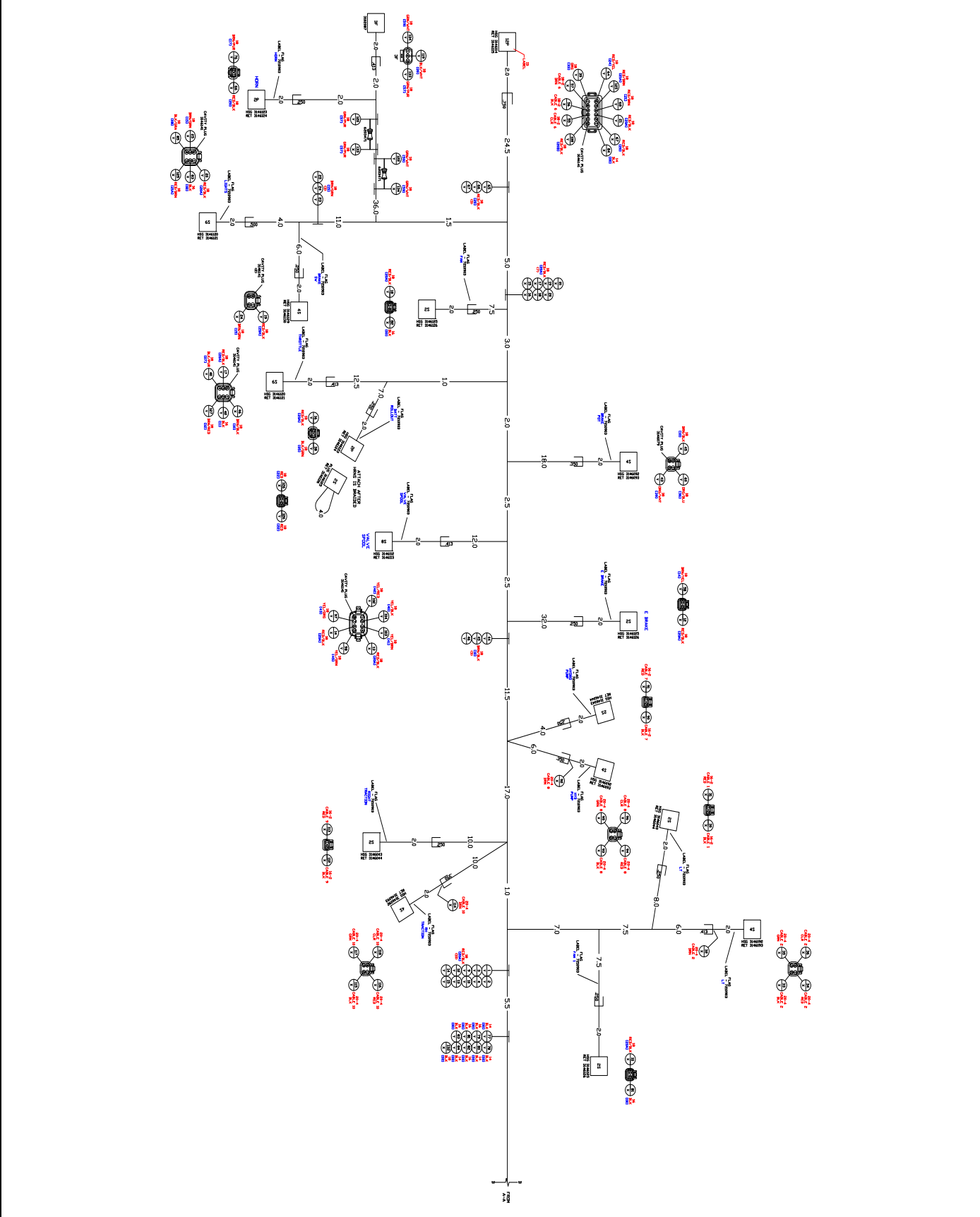
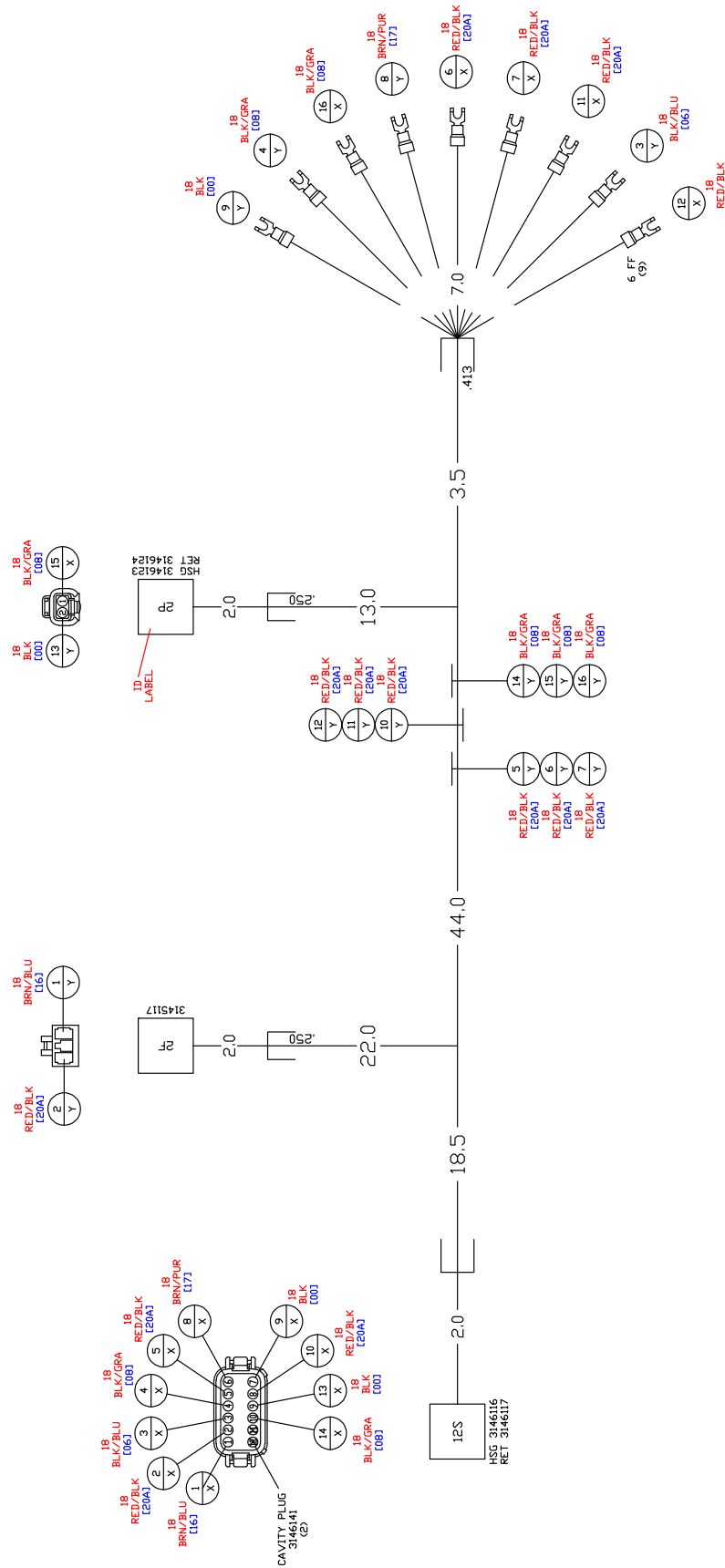


Figure 2-42: Main Harness Diagrams (2 of 2 See Page 2-67)



ILLUSTRATED PARTS LIST

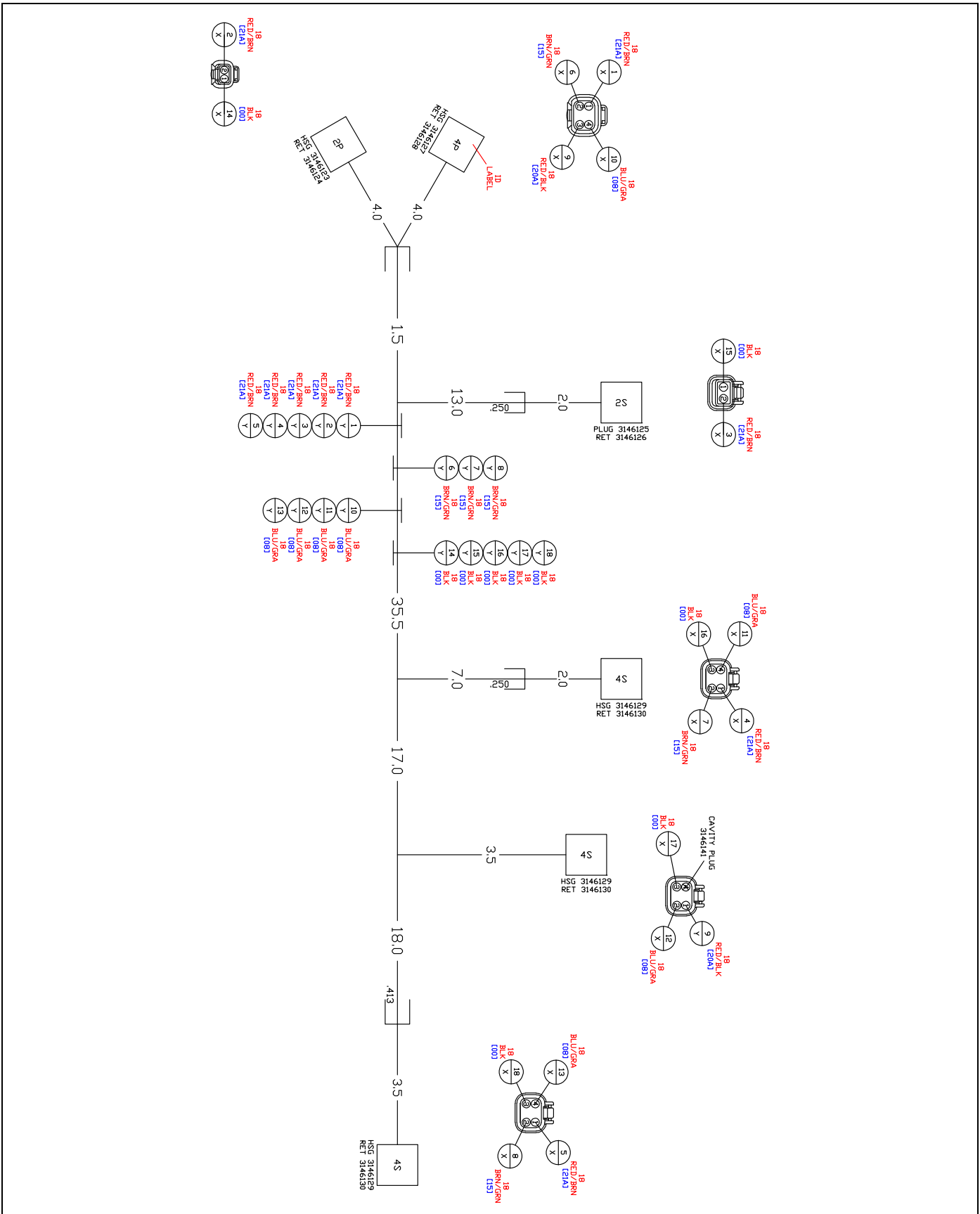


Figure 2-44: Overhead Guard Tail Light Harness Diagrams (See Page 2-67)

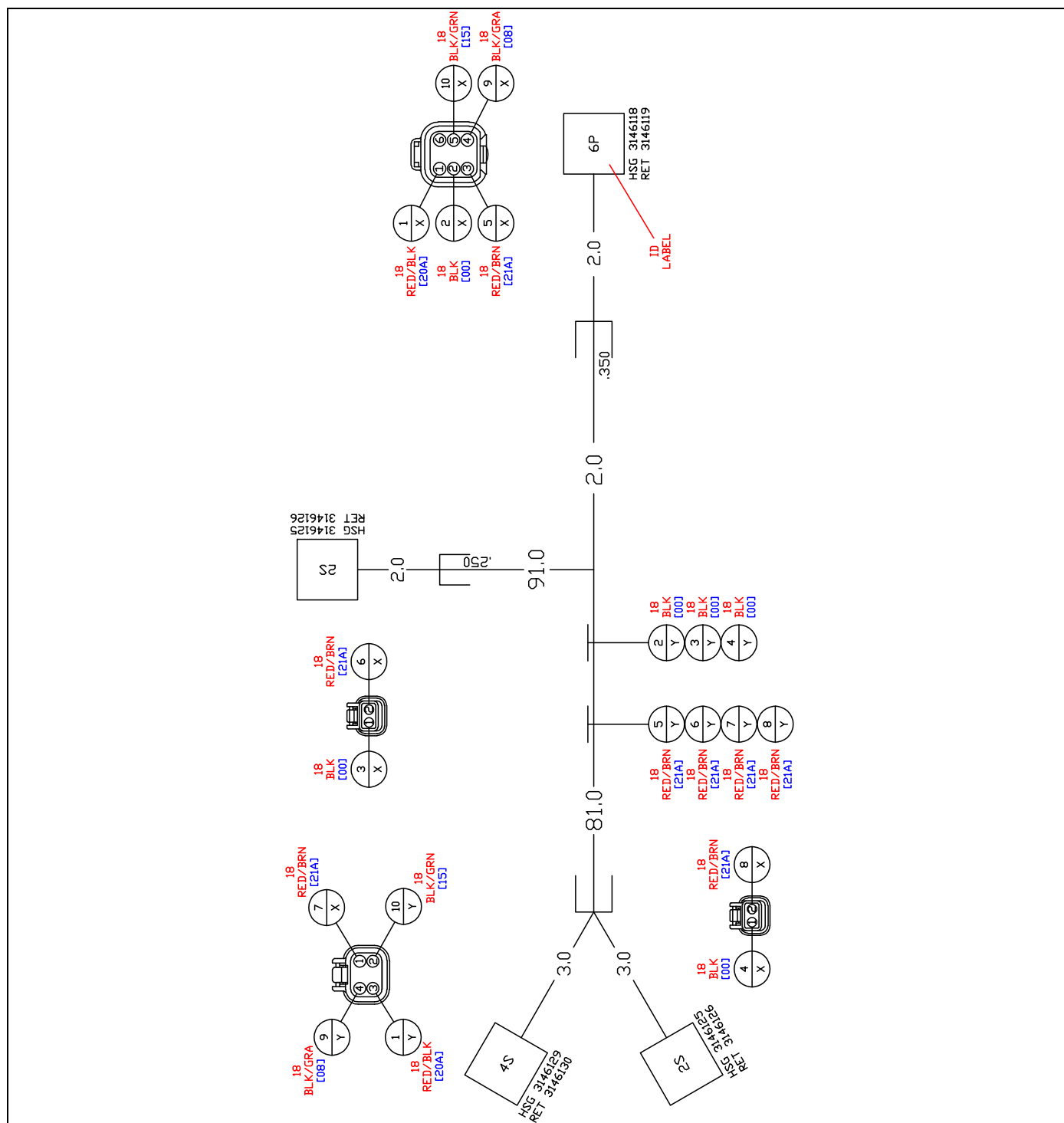


Figure 2-45: Overhead Guard Head Light Harness Diagram (See Page 2-67)

Electrical Diagrams

ITEM	PART NO.	DESCRIPTION	QTY.
	151398	HARNESS, SER V DASH	1
	146127	HARNESS B55 MAIN	1
	154178	HARNESS, SEAT BASE BENDI AC	1
	154179	HARNESS, OHG HEAD LT BENDI AC	1
	154180	HARNESS OHG TAIL LT BENDI AC	1

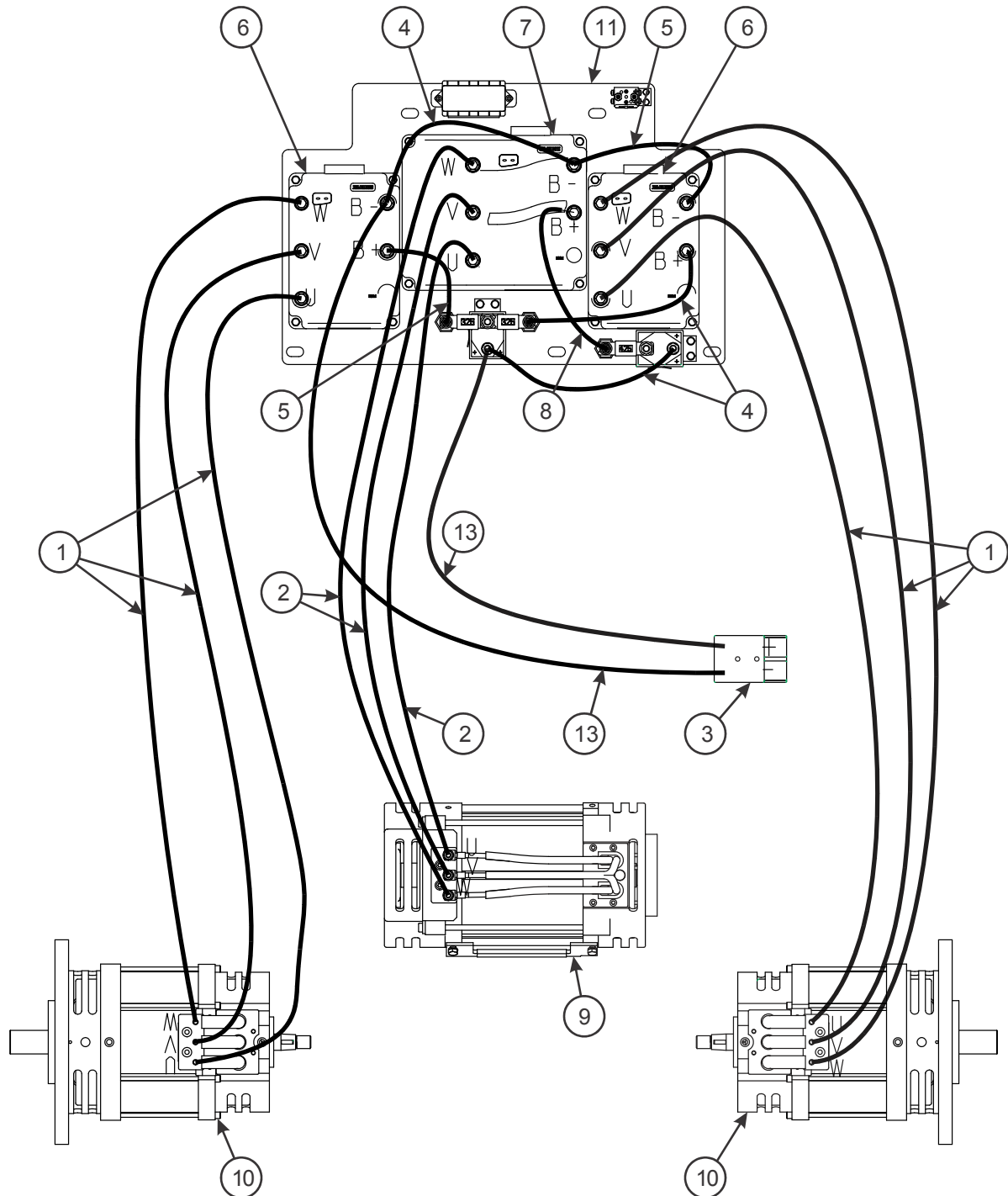


Figure 2-46: Heavy Cable Assembly

Heavy Cable Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
1	114610	CABLE ASSY 1/0X36	6
2	0037001-063	CABLE ASSY 1/0X63	3
3	30008	CONNECTOR BATTERY SB350 BLUE (SEE PAGE 2-57)	REF
4	146082	ASSY, 1/0 X 12-1/2 CABLE	3
5	146083	ASSY, 1/0 X 8 CABLE	2
6	146295	CONTROLLER, 48V 350A AC MOTOR	REF
7	146296	CONTROLLER, 48V 650A AC MOTOR	REF
8	146334	ASSY, 1/0 X 9 CABLE	1
9	143343	MOTOR,AC LIFT PUMP	REF
10	143341	MOTOR,5.7KW AC FLANGE MOTOR	REF
11	146615	ASSY, BENDI AC PANEL	REF
12	127072	BOOT, RED,HIGH-TEMP,INSULATOR (NOT SHOWN)	9
13	167721	CABLE, MAIN LEADS	2

ILLUSTRATED PARTS LIST

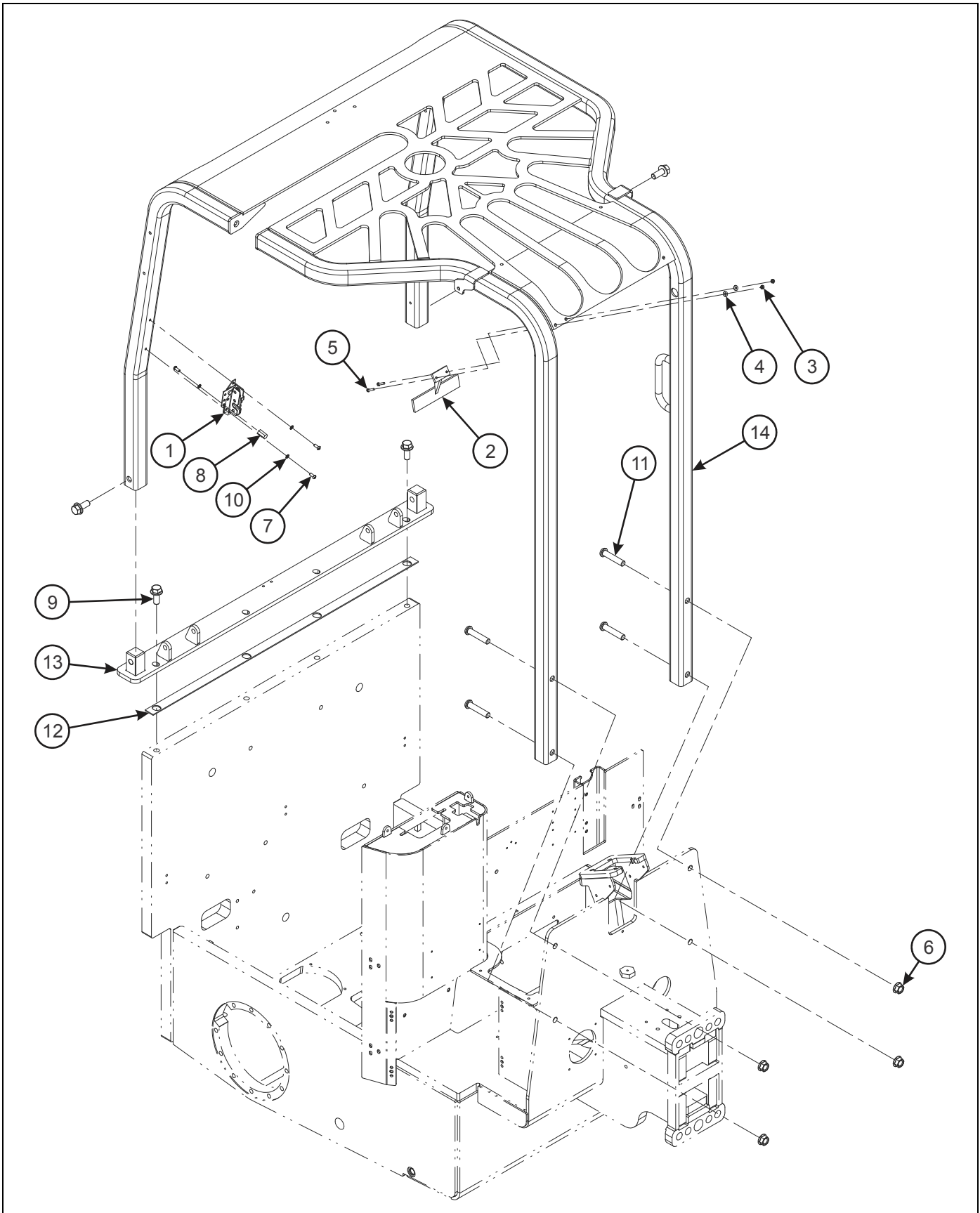


Figure 2-47: Overhead Guard Assembly

Overhead Guard Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
1	0010931	LATCH, COVER HOLD-UP	1
2	0011269	MIRROR REAR VIEW	1
3	1-512-010003-05	NUT HEX SLFLKG W/NYL 10-32	2
4	1-861-010032-04	WASHER,FLAT 3/16 ZP	2
5	10-32X1	SCREW MACH HEX SLOT HEAD STL	2
6	106534	NUT,HEX FLG 5/8-11,GR8, ZP	4
7	106954	SCREW,BHSC 1/4-20UNCX5/8	3
8	107920	LATCH RELEASE KNOB	1
9	108151	SCREW 5/8-11 UNCX1-1/2 FLG HD	4
10	108797	WASHER 1/4 LKG INT TOOTH	3
11	111360	SCREW BHSC 5/8-11UNCX3	4
12	158927	SHIM, B55 OHG	1
13	158931	BASE WLDMT, B55 OHG	1
14	158963	OHG WELDMENT, B55	1

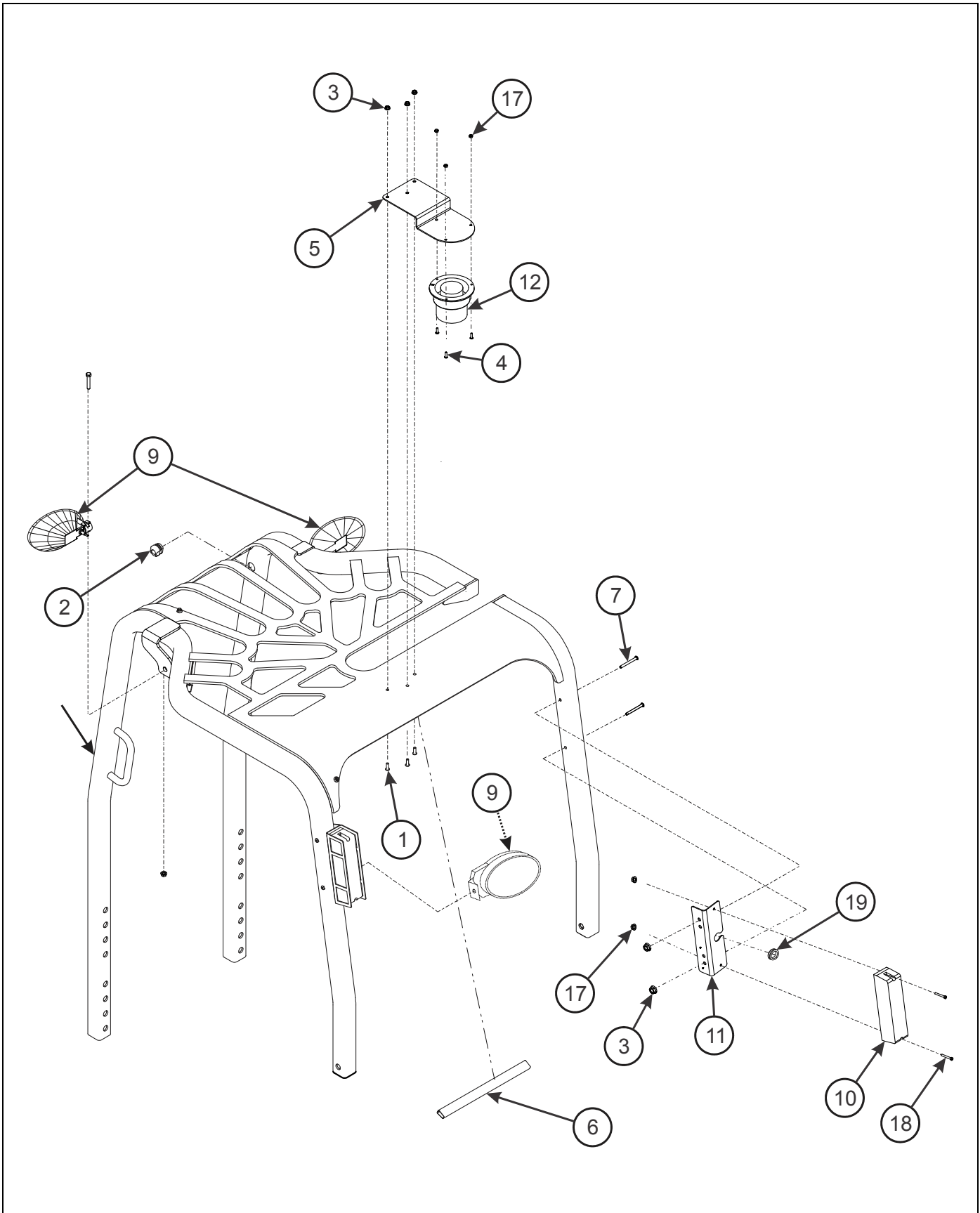


Figure 2-48: Overhead Lighting Options

Overhead Lighting Options

ITEM	PART NO.	DESCRIPTION	QTY.
	146064	OPT, BT 12-48V LED HL/ST	
1	106955	SCREW,BHSC 1/4-20UNCX3/4	3
2	108409	BUSHING,STR-THRU STRN RELIEF	1
3	108417	NUT SPIRAL 1/4-20HX FG	3
4	109394	SCREW, BHSC #10-24UNCX5/8	2
5	110289	BRACKET,STROBE MOUNT	1
6	110470	SURFACE RACEWAY	AR
8	125894	CLAMP, CABLE 5/8 SST	1
9	145098	HEADLIGHT LED 12-48V BT	2
12	146067	ASSY, 12-80V LED STROBE	1
14	154179	HARNESS, OHG HEAD LT BENDI AC	1
15	154180	HARNESS OHG TAIL LT BENDI AC	1
17	1-512-010003-06	NUT,HEX,SLFLKG W/NLY 10-24	2

Overhead Lighting Options

ITEM	PART NO.	DESCRIPTION	QTY.
	152084	OPT, BT 48V LED HL/REARWL	
1	106955	SCREW,BHSC 1/4-20UNCX3/4	6
2	108409	BUSHING,STR-THRU STRN RELIEF	2
3	108417	NUT SPIRAL 1/4-20HX FG	10
6	110470	SURFACE RACEWAY	1
8	125894	CLAMP, CABLE 5/8 SST	3
9	145098	HEADLIGHT LED 12-48V BT	3
13	146160	HARNESS, PM/SL REV LT JMP	1
14	154179	HARNESS, OHG HEAD LT BENDI AC	1
15	154180	HARNESS OHG TAIL LT BENDI AC	1
16	111-1608	HHCS 5/16-18X2-1/2 GR5 CAD PL	1
19	3-343-010014-53	GROMMET,HOLE 5/16DIA	2

Overhead Lighting Options

ITEM	PART NO.	DESCRIPTION	QTY.
1	146062	OPT, BT 12-48V LED HEADLIGHT	
	106955	SCREW,BHSC 1/4-20UNCX3/4	1
2	108409	BUSHING,STR-THRU STRN RELIEF	2
3	108417	NUT SPIRAL 1/4-20HX FG	1
8	125894	CLAMP, CABLE 5/8 SST	1
9	145098	HEADLIGHT LED 12-48V BT	2
14	154179	HARNESS, OHG HEAD LT BENDI AC	1

Overhead Lighting Options

ITEM	PART NO.	DESCRIPTION	QTY.
1	146063	OPT, BT 48V LED HL/TL/ST	
	106955	SCREW,BHSC 1/4-20UNCX3/4	6
2	108409	BUSHING,STR-THRU STRN RELIEF	2
3	108417	NUT SPIRAL 1/4-20HX FG	10
4	109394	SCREW, BHSC #10-24UNCX5/8	2
5	110289	BRACKET,STROBE MOUNT	1
6	110470	SURFACE RACEWAY	1
7	115849	SCREW BHSC 1/4-20UNCX2-1/2 ZP	4
8	125894	CLAMP, CABLE 5/8 SST	3
9	145098	HEADLIGHT LED 12-48V BT	2
10	145817	ASSY, 48V LED TAIL LIGHT	2
11	146056	BRACKET, LED TAILLIGHT MNT	2
12	146067	ASSY, 12-80V LED STROBE	1
14	154179	HARNESS, OHG HEAD LT BENDI AC	1
15	154180	HARNESS OHG TAIL LT BENDI AC	1
17	1-512-010003-06	NUT,HEX,SLFLKG W/NLY 10-24	6
18	1-654-010100028	SCREW MACH TRUSS HD 10-24X1	4

Overhead Lighting Options

ITEM	PART NO.	DESCRIPTION	QTY.
	157457	OPT,BT 12-48V LED STROBE	
1	106955	SCREW,BHSC 1/4-20UNCX3/4	3
2	108409	BUSHING,STR-THRU STRN RELIEF	1
3	108417	NUT SPIRAL 1/4-20HX FG	4
4	109394	SCREW, BHSC #10-24UNCX5/8	3
5	110289	BRACKET,STROBE MOUNT	1
6	110470	SURFACE RACEWAY	1
8	125894	CLAMP, CABLE 5/8 SST	1
12	146067	ASSY, 12-80V LED STROBE	1
14	154179	HARNESS, OHG HEAD LT BENDI AC	1
15	154180	HARNESS OHG TAIL LT BENDI AC	1
17	1-512-010003-06	NUT,HEX,SLFLKG W/NLY 10-24	3

ILLUSTRATED PARTS LIST

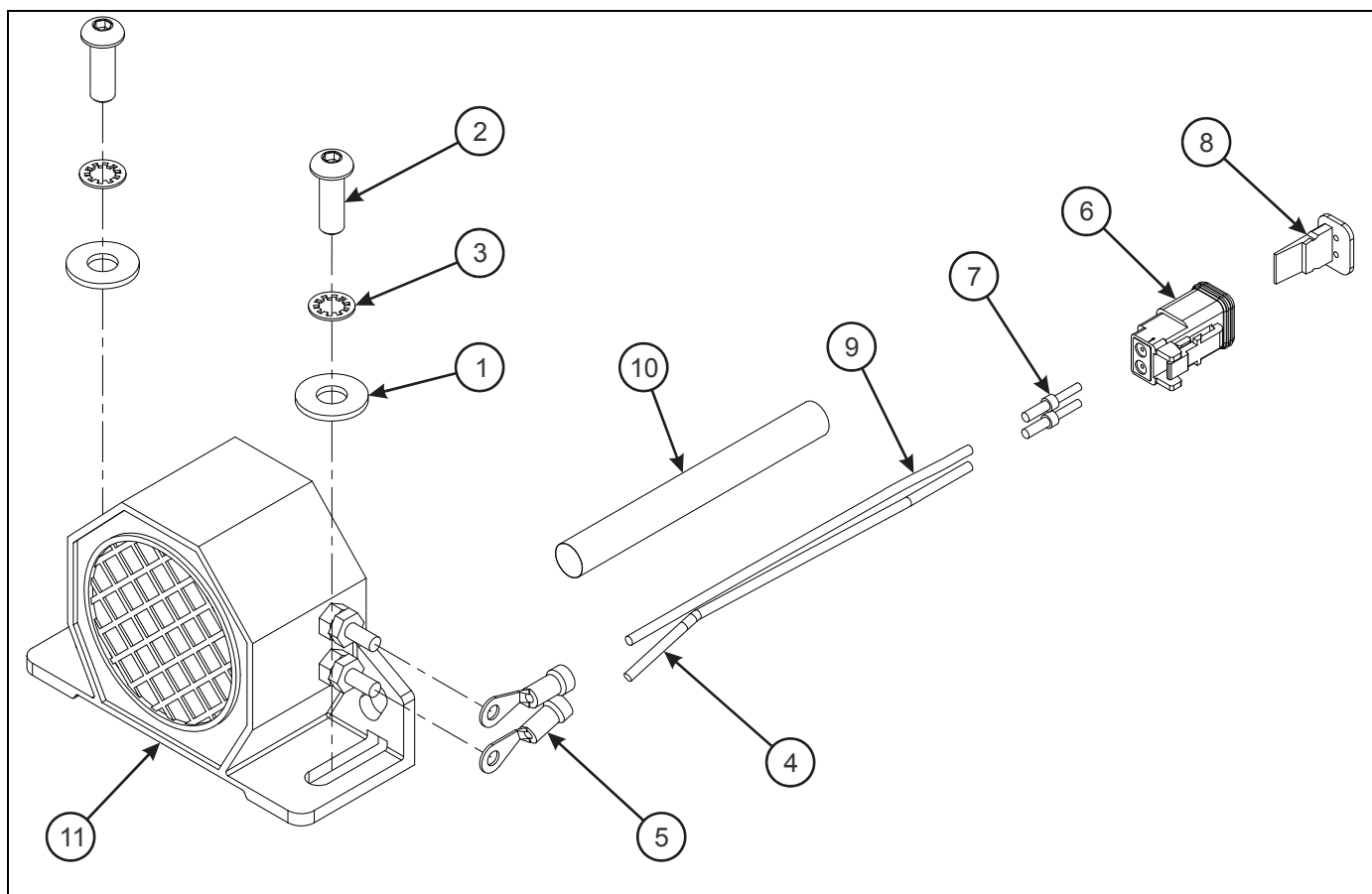


Figure 2-49: Back-Up Alarm Option

Back-up Alarm Option

ITEM	PART NO.	DESCRIPTION	QTY.
	160445	FEATURE,BENDI B55 BACK-UP ALM	
1	1-861-010032-07	WASHER,FLAT 1/4 ZP	
2	106955	SCREW,BHSC 1/4-20UNCX3/4	
3	108797	WASHER 1/4 LKG INT TOOTH	
4	2-879-010103	WIRE INSULATED 18AWG BLACK	
5	239-3646-3	TERMINAL #14AWG TO #8 RING	
6	622-2967-002	PLUG 2 POS. (FEMALE)	
7	622-2967-015	SOCKET, 16-18AWG, SOLID	
8	662-2967-018	WEDGE, 2 POS PLUG	
9	9-879-010066	WIRE,INSULATED, 18AWG RED	
10	HEHM240	HEAT SHRINK, 1/4" BLACK	
11	143573	ALARM, 12-80VDC 87DBA	
	0030021	ALARM VOICE BACK UP	
	117997	ALARM DB ADJ SMART BACKUP	
	158471	ALARM, 102dBA 12-48V BACK-UP	

QUANTITIES VARY ACCORDING TO ALARM OPTION

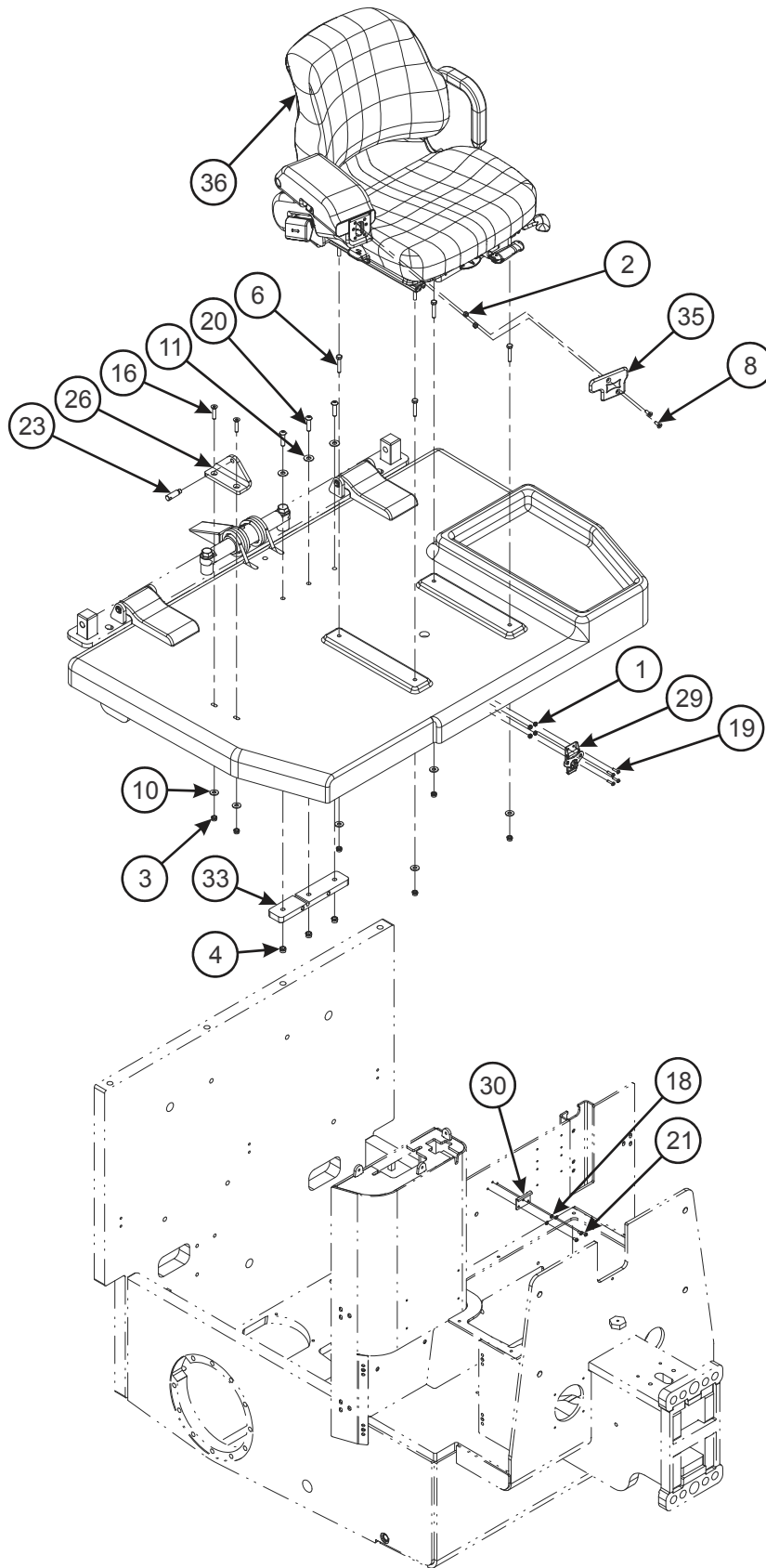
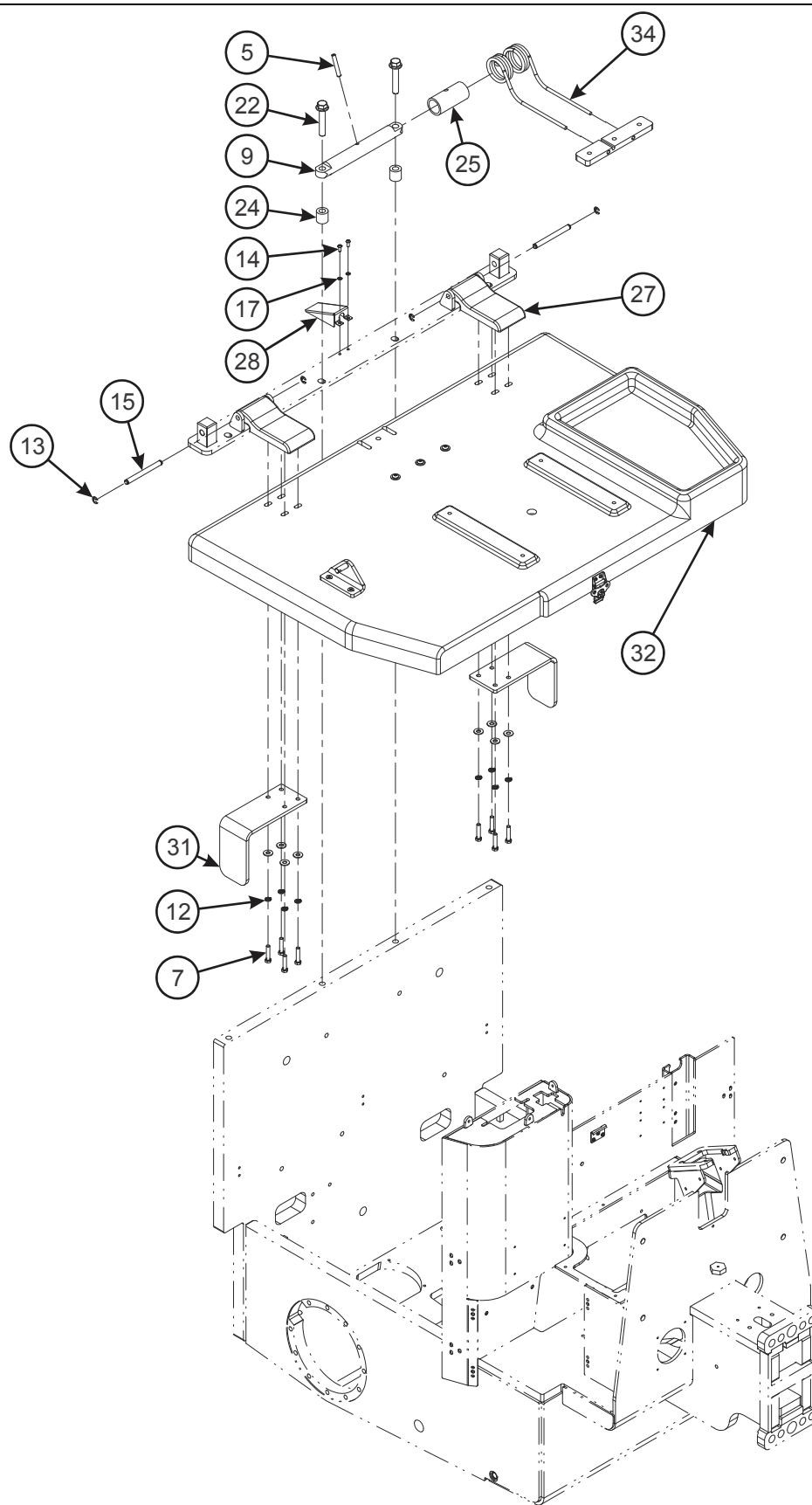


Figure 2-50: Seat Base Assembly (1 of 2)

**Figure 2-51: Seat Base Assembly (2 of 2)**

Seat Base Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
1	1-512-010003-06	NUT,HEX,SLFLKG W/NLY 10-24	4
2	1-512-010003-09	NUT,1/4-20 ESNA	2
3	1-512-010005-03	NUT HEX SLFLKG GRB 5/16-18	6
4	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	3
5	1-647-010004257	PIN,SPRING,SLOTTED 3/8X2-1/2	1
6	1-654-010049-08	SCREW,HX CP,5/16-18UNCX1-3/4	4
7	1-654-010051-08	SCREW,HEX CAP,3/8-16X1-3/4 G	8
8	1-654-010079-4	SCREW 1/4-20X3/4 SKT FL CTSK	2
9	1-655-010002-11	SCREW FLANGE HD 5/8-11X3-1/2	2
10	1-861-010032-09	WASHER, FLAT 5/16 W ZP/CD	6
11	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD	11
12	1-861-010034-11	WASHER, LKG HLCL SPR, 3/8	8
13	106240	RING,RETANING,EXT,E,1/2	4
14	106954	SCREW,BHSC 1/4-20UNCX5/8	2
15	107750	PIN, TOP COVER HINGE	2
16	108407	SCREW,HXSKT CTSK 5/16-18X1.5	2
17	108797	WASHER 1/4 LKG INT TOOTH	2
18	109392	WASHER,#10 LKG,INTERNAL TOOTH	3
19	109410	SCREW, BHSC #10-24UNCX314	4
20	110222	SCREW SKT,BTN 3/8-16X1.5	3
21	114849	SCREW,BHSC #10-24UNCX3/8	3
22	117136	SHAFT, SEAT SPRING	1
23	123391	PIN,COVER HOLD-UP SHORT	1
24	127080	SPACER,B40-4 SEAT SPRING	2
25	127082	BUSHING,B40-4 SEAT SPRING	1
26	127083	BRACKET,B40-4 SEAT BASE LATCH	1
27	127084	HINGE,B40-4 SEAT BASE	2
28	127640	COVER, REAR CAST WIRE, BT-4	1
29	127919	LATCH, FLAT CAM, S.S.	1
30	127920	KEEPER PLATE, LATCH, S.S.	1
31	156356	BRACKET,HORZ BAT REST, B30AC	2
32	158953	COVER, BATTERY B55	1
33	158955	BAR,B55 SEAT SPRING RESTRAINT	1
34	158956	SPRING,B55 SEAT BASE LIFT	1
35	160444	PLATE,B55 ARMREST END COVER	1
36	154575	SEAT, VINYL ADJ ARM W/SWVL	1
	154576	SEAT, CLOTH ADJ ARM W/SWVL	1
37	110470	SURFACE RACEWAY (NOT SHOWN)	
38	43029	HOSE WRAP AEROQUIP 1/4 (NOT SHOWN)	

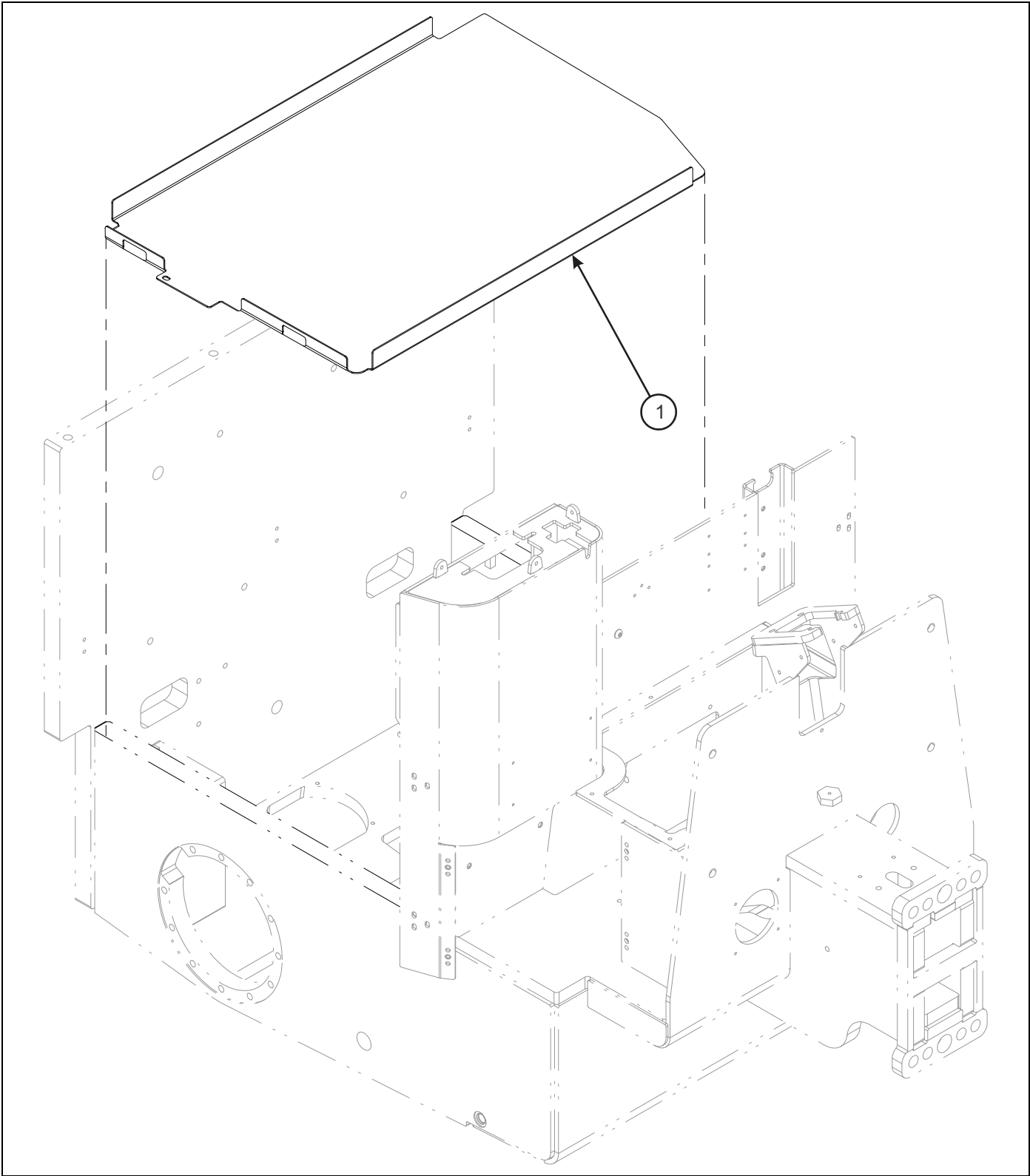


Figure 2-52: Liftout Battery Tray Option

Liftout Battery Tray Option

ITEM	PART NO.	DESCRIPTION	QTY.
1	159627	OPTION, LIFTOUT BAT TRAY B55	

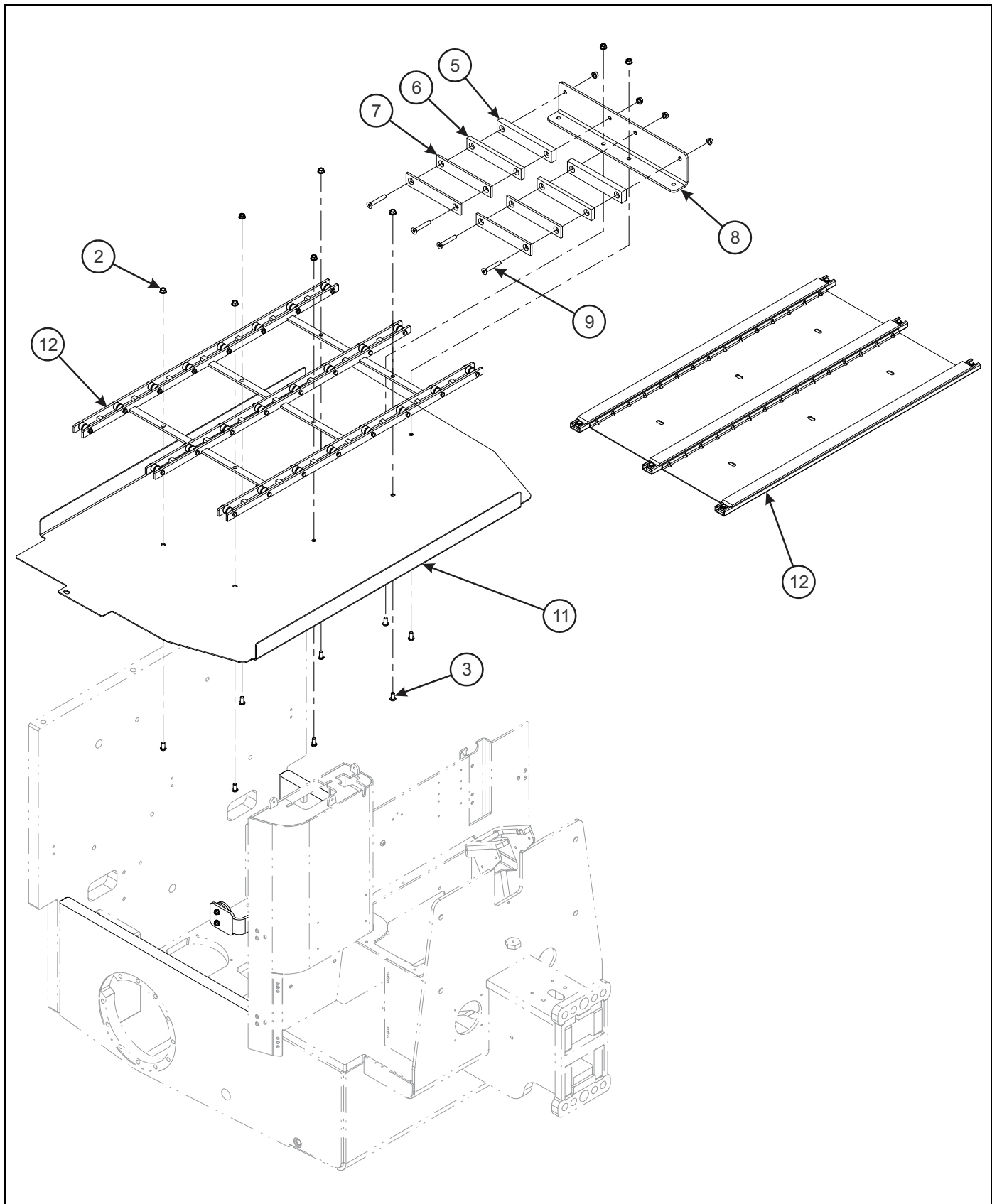
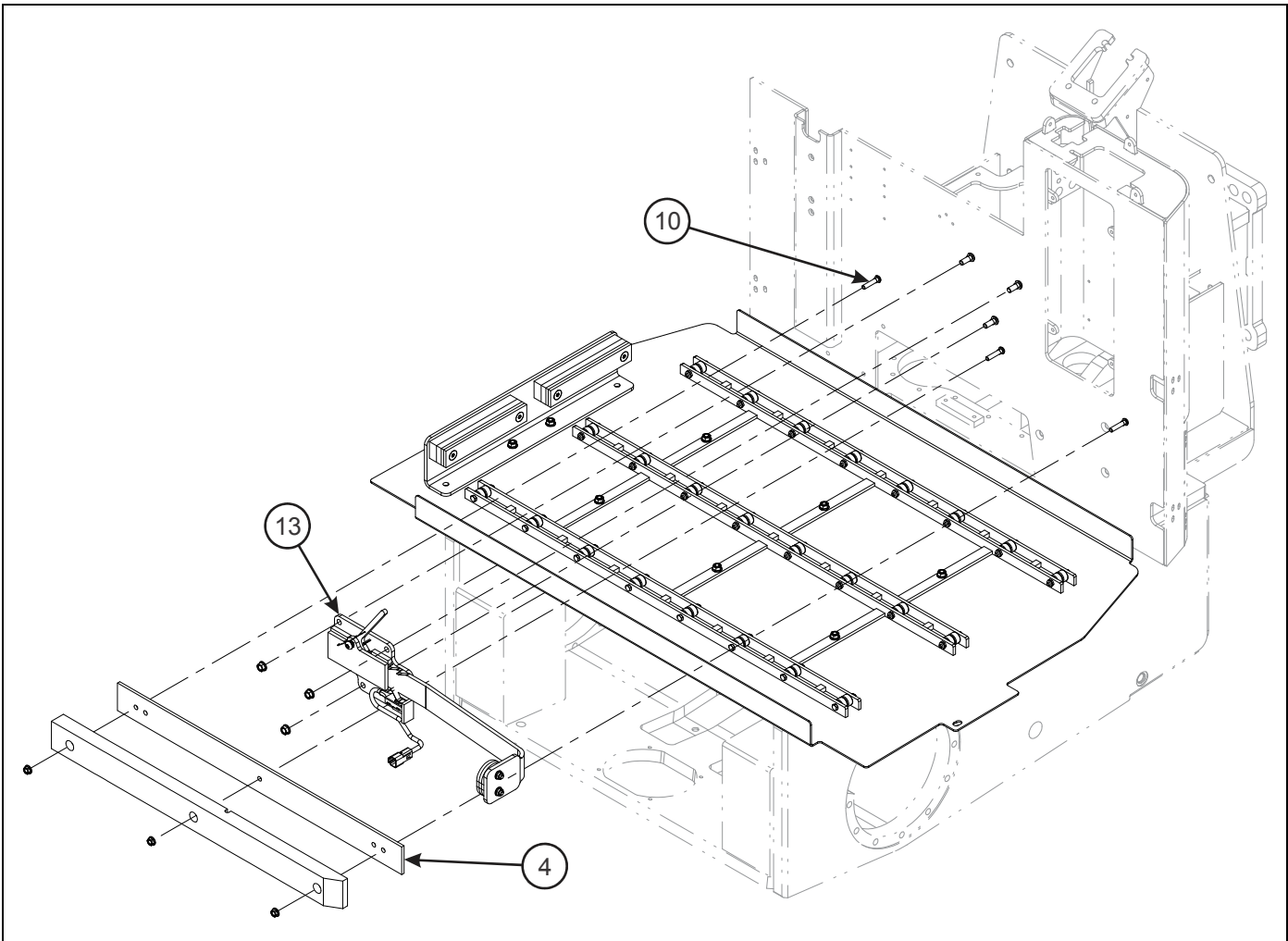


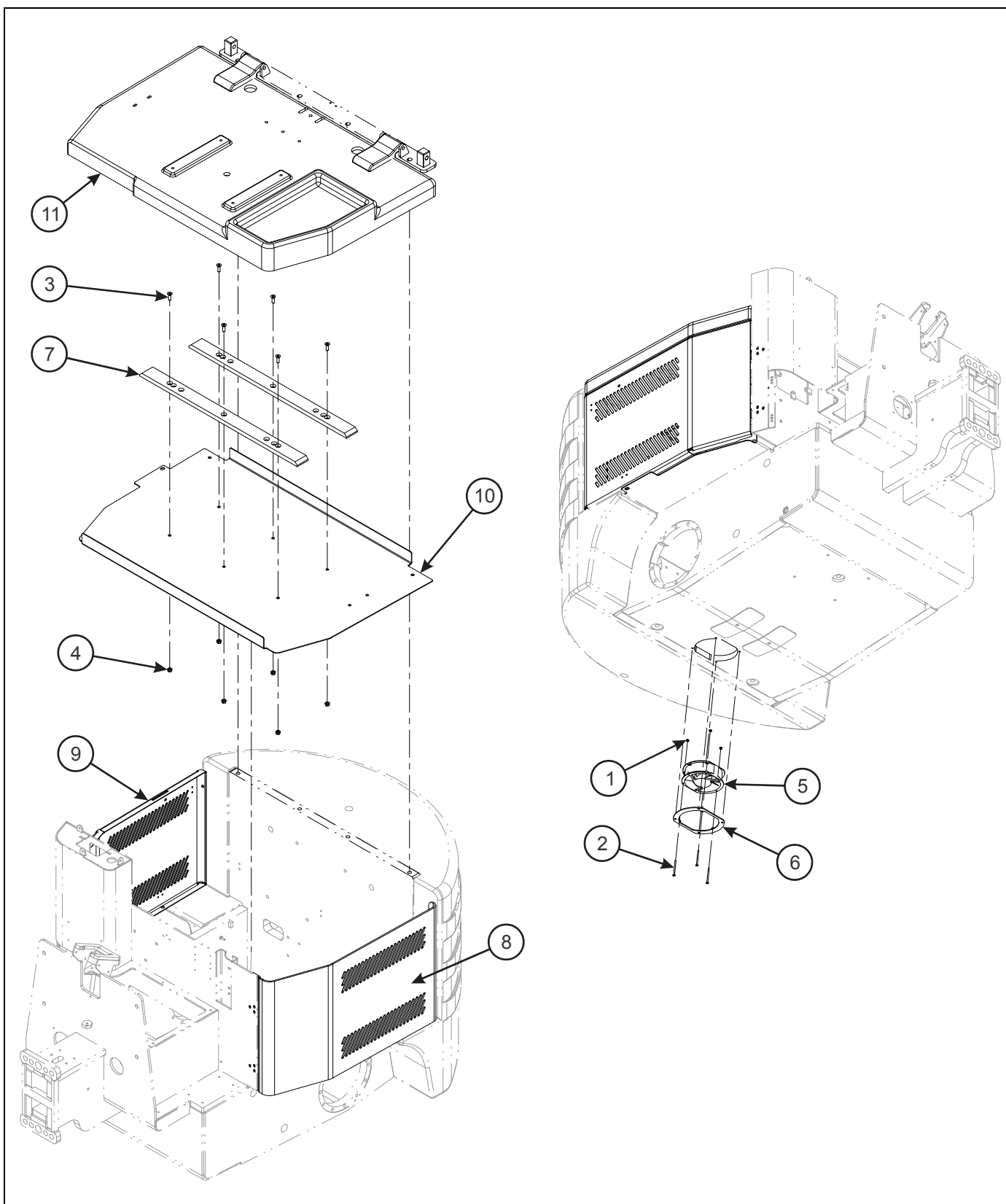
Figure 2-53: Rollout Battery Tray Option (1 of 2)

ILLUSTRATED PARTS LIST**Figure 2-54: Rollout Battery Tray Option (2 of 2)****Rollout(P/N 159802)/Slideout(P/N 160437) Battery Tray Option**

ITEM	PART NO.	DESCRIPTION	QTY.
2	107470	NUT, SPIRALOCK 3/8-16HX	12
3	111899	SCREW, BHSC 3/8-16UNCX3/4	8
4	126618	BAR, ROLLOUT FRT BATT SPCR, BT4	1
5	131395	SHIM 3/4 BATT REST BT	**2
6	131396	SHIM 1/2 BATT REST BT	**2
7	131397	SHIM 1/4 BATT REST BT	**4
8	131398	RESTRAINT LH ROLLOUT BAT	1
9	131427	SCREW HXSKT CTSK 3/8-16X2-1/2	4
10	133917	SCREW, BHSC 5-16-18UNCX1-1/2	3
11	159629	TRAY, B55 ROLLOUT BATTERY WLD	1
12	159636	TRAY, B55 BATTERY ROLLER (P/N 15802 ONLY)	1
	160460	TRAY, B55 BATTERY SLIDEOUT (P/N 160437 ONLY)	1
13	159800	RESTRAINT ASY, B55 ROLLOUT BAT	1

QUANTITIES ON ITEMS 5-7 VARY ACCORDING TO SIZE OF BATTERY

[illegible]

**Figure 2-55: Fast Charge Battery Assembly Option**

Fast Charge Battery Assembly Option

ITEM	PART NO.	DESCRIPTION	QTY.
	160439	OPTION,B55FC DEALER INSTL	
1	1-512-010003-03	NUT,HX 8-32,SLF-LKG W/NYL	3
2	1-656-010003039	SCREW,8-32X2-3/4 RD HD MACHZP	3
3	106429	SCREW,HX SKTCTSK3/8-16X1-1/4	6
4	107470	NUT,SPIRALOCK 3/8-16HX	6
5	130148	FAN,SER4 300 CFM COOLING 6"	1
6	130150	PLATE,SER4 FAN MOUNT	1
7	156192	BAR, BT/AC BATT SPACER	2
8	158984	PANEL, B55AC LH VENTED BATT	1
9	159350	DOOR WLDMT,B55 RH VENTED BATT	1
10	159629	TRAY, B55 ROLLOUT BATTERY WLD	1
11	160441	COVER MOD,B55 FAST CHARGE	1

ILLUSTRATED PARTS LIST

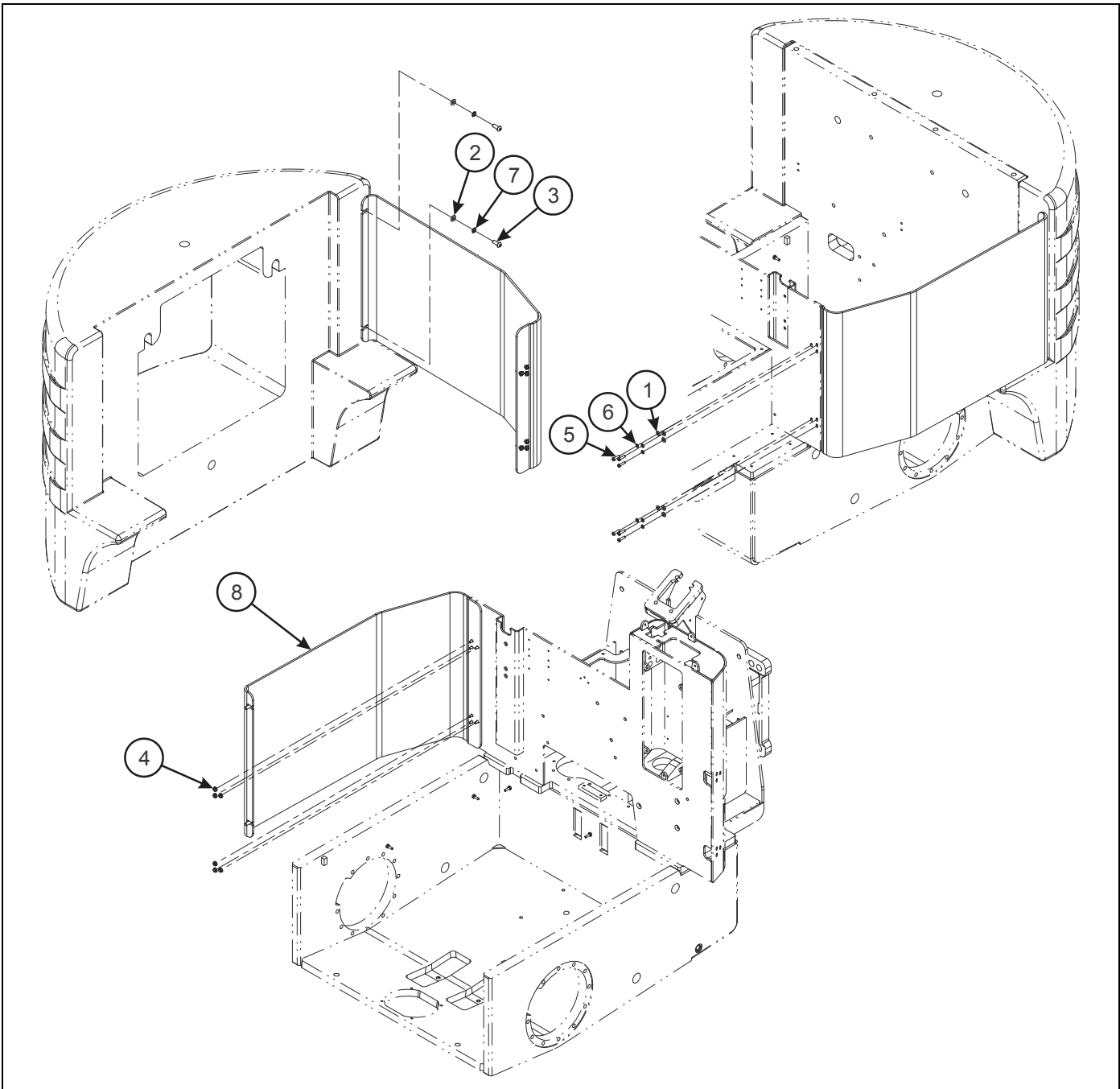


Figure 2-56: Rigid Doors Assembly

Rigid Door Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
1	1-861-010032-06	WASHER, FLAT 1/4 N ZP/CD	6
2	1-861-010032-10	WASHER, FLAT 3/8" N ZP/CD	2
3	108336	SCREW SKT BTN 3/8-16X1	2
4	108417	SCREW SKT BTN 3/8-16X1	6
5	108610	SCREW BHSC 1/4-20UNCX1	6
6	108797	WASHER 1/4 LKG INT TOOTH	6
7	119734	WASHER, 3/8 LKG INTERNALTOOTH	2
8	158983	PANEL, B55AC LH BATT COMPT	1

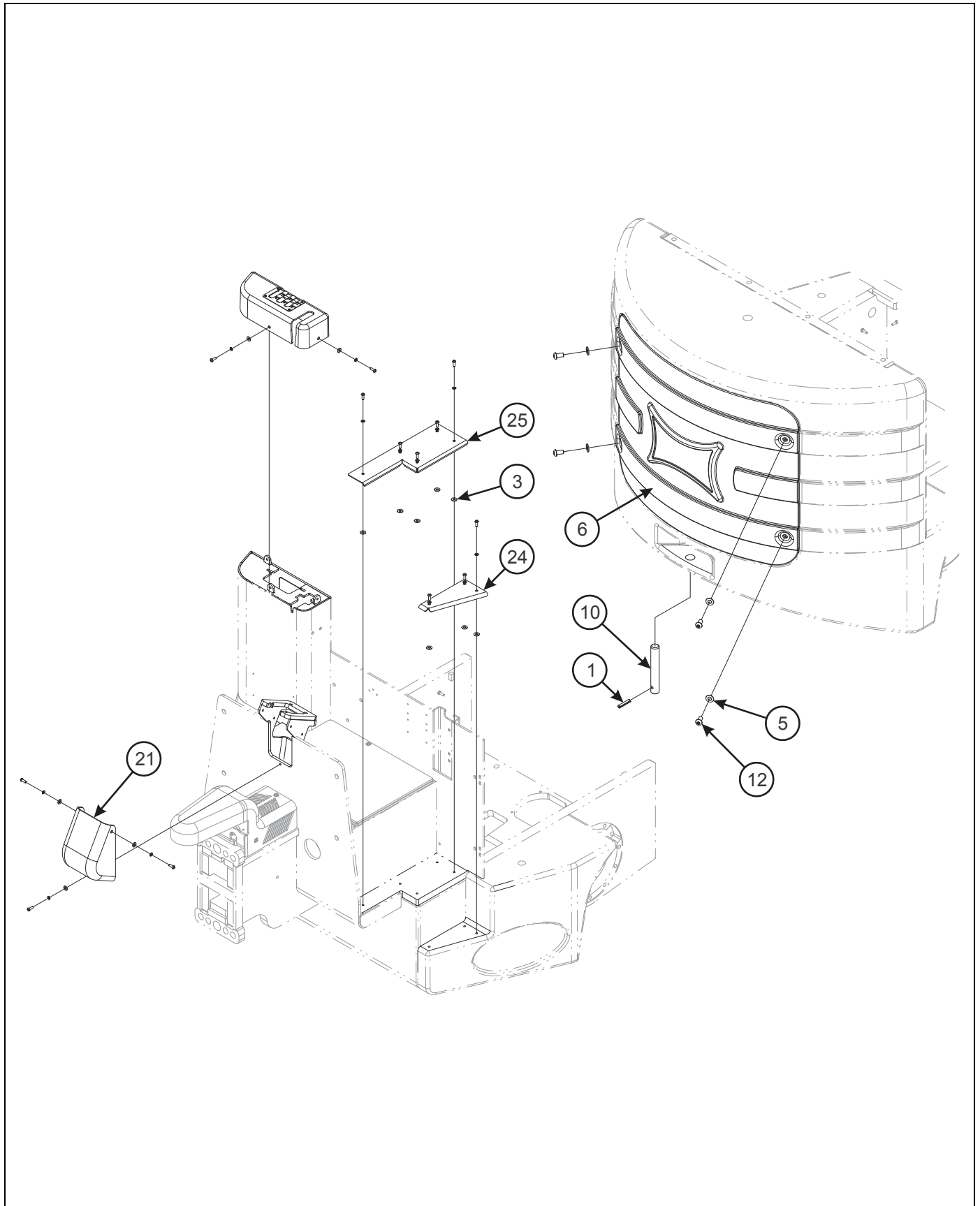


Figure 2-57: Covers and Floorboards Assembly (1 of 2)

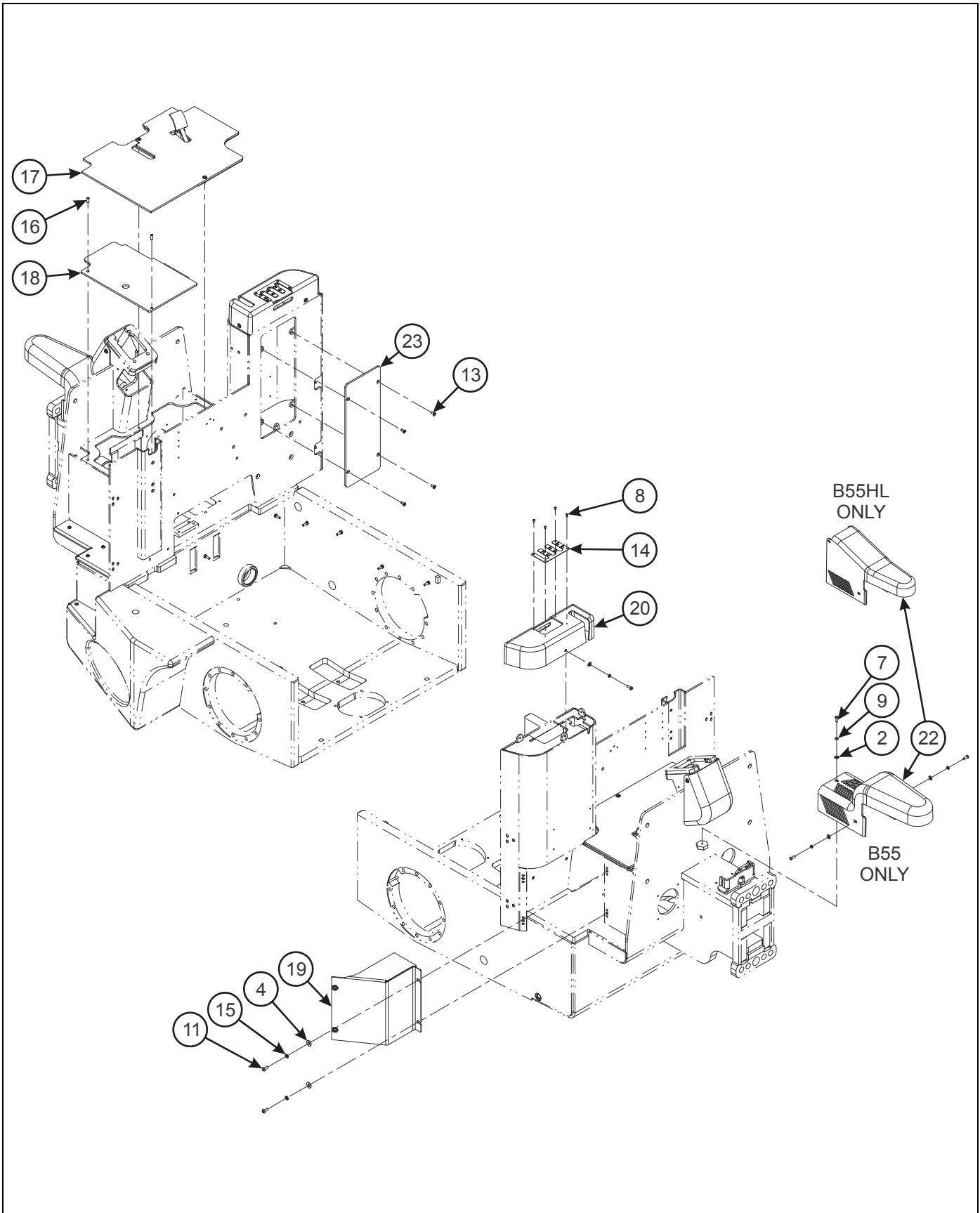


Figure 2-58: Covers and Floorboards Assembly (2 of 2)

Covers And Floorboards Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
1	1-647-010004255	PIN, SPRING, SLOTTED 3/8X2	1
2	1-861-010032-06	WASHER, FLAT 1/4 N ZP/CD	9**
3	1-861-010032-07	WASHER, FLAT 1/4 ZP	8
4	1-861-010032-09	WASHER, FLAT 5/16 W ZP/CD	4
5	1-861-010032-14	WASHER, FLAT 1/2" N ZP/CD	4
6	104077	COVER, BT ELECT ENCLOSURE	1
7	106955	SCREW, BHSC 1/4-20UNCX3/4	17**
8	107539	SCREW PNHD 6-32X1/2 SSHK	4
9	108797	WASHER 1/4 LKG INT TOOTH	17**
10	110427	PIN, HITCH 1-1/8IN	1
11	110843	SCREW BHSC 5/16-18UNCX3/4	4
12	111341	SCREW, BHSC 1/2-13UNCX1	4
13	119704	SCREW HXSKT CTSK1/4-20UNCX5/8	4
14	121422	PLACARD, OPERATOR DATA	1
15	127627	WASHER 5/16 LKG INT TOOTH	4
16	130345	PIN, SPRING, SLOTTED 5/16X3/4	2
17	153301	ACLTR ASSY, BT-4.5	1
	151471	ACCEL, CURTIS FP6 W/ PLUG	1
18	153302	PLATE WLDMT, BT-4.5 LH FLOOR	1
19	157491	COVER, B55 VALVE	1
20	157525	COVER, CTRL LEVERS B55AC	1
21	158465	COVER, B55 STEERING ORBITAL (B55 ONLY)	1
22	158466	COVER, B55 STEERING ROTATION (B55 ONLY)	1
	165580	COVER, B55HL STEERING ROTATION (B55HL ONLY)	1
23	159792	PLATE, B55 CNTL LINKAGE CVR	1
24	159814	PLATE, B55 LWR STEP	1
25	159815	PLATE, B55 UPR STEP	1

IN THE B55HL, THE QUANTITIES WITH ** HAVE 2 LESS BECAUSE OF THE DIFFERENT STEERING ROTATION COVER

ILLUSTRATED PARTS LIST

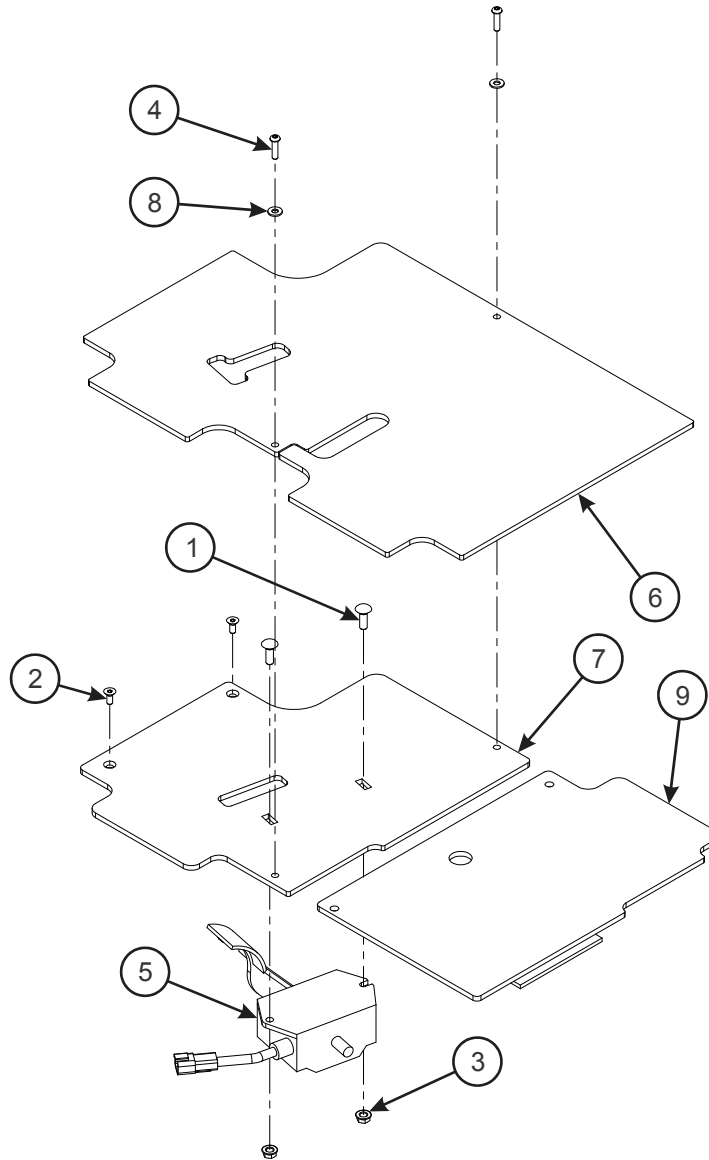
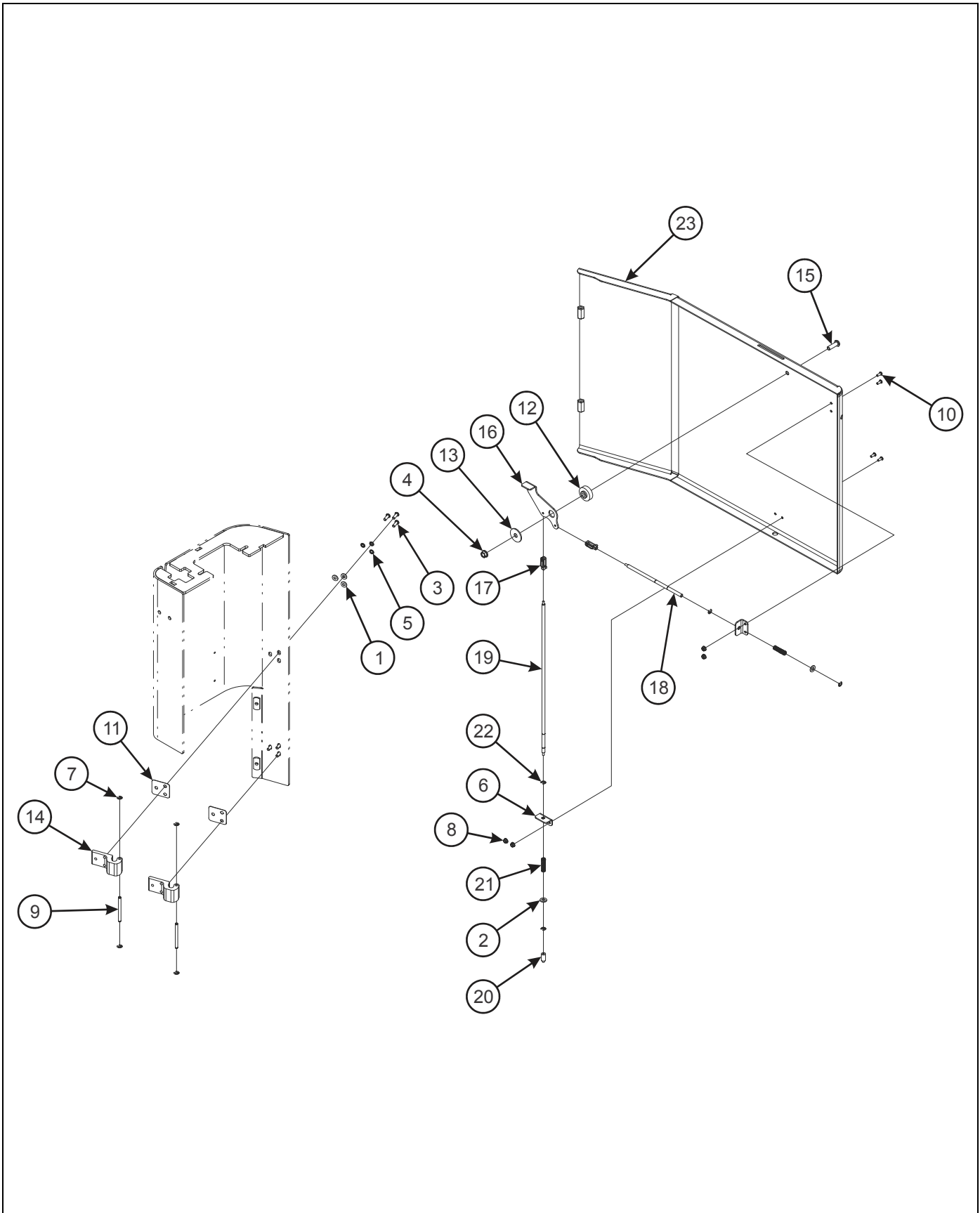


Figure 2-59: Accelerator Assembly

Accelerator Assembly

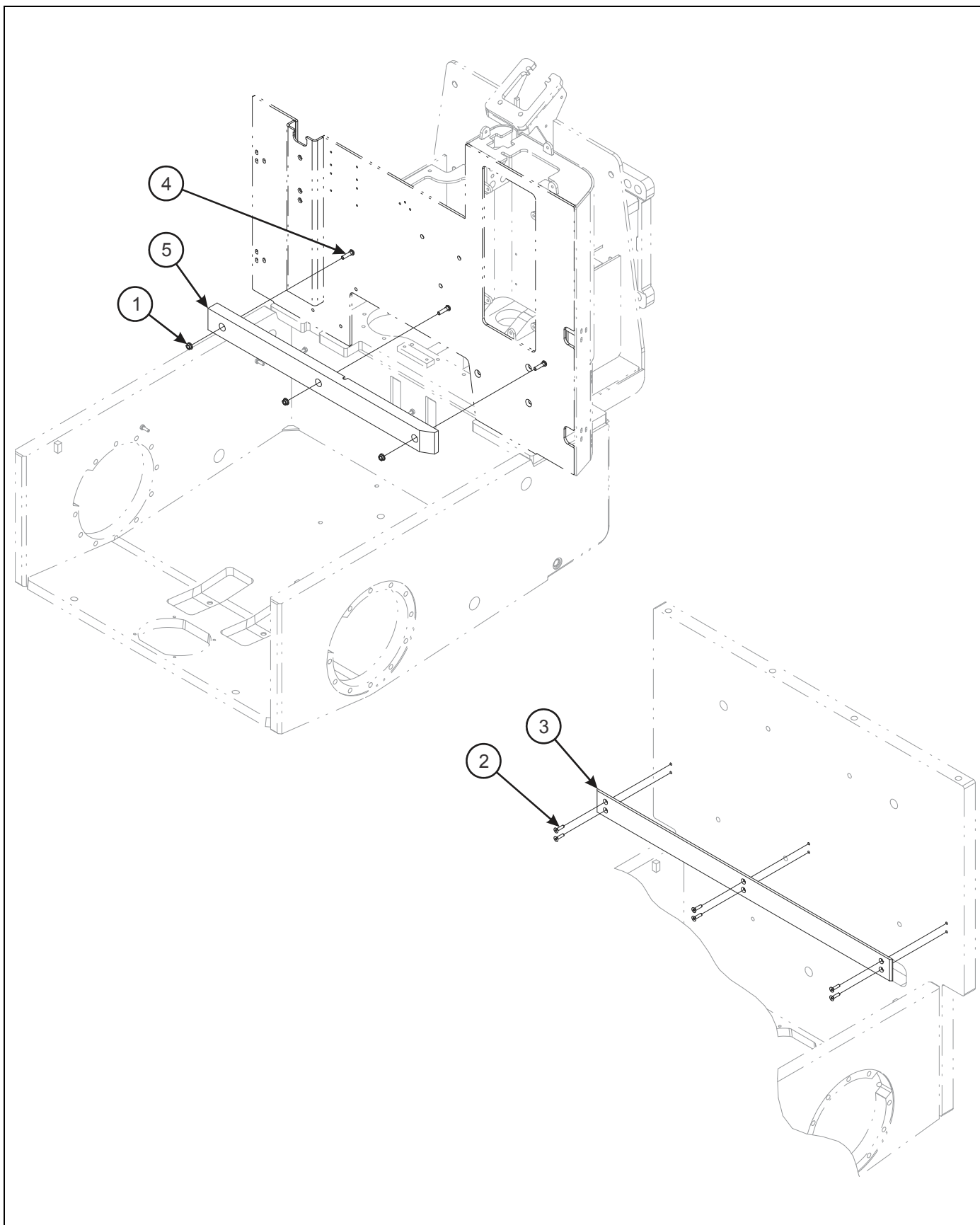
ITEM	PART NO.	DESCRIPTION	QTY.
	153301	ACLTR ASSY, BT-4.5	
1	104031	SCREW,RDHD,SQNK 5/16-18X1 GR5	2
2	127356	SCREW HXSKT CTSK1/4-20UNCX5/8	2
3	1-510-010004-03	NUT HX FLANGE, 5/16-18 GR8	2
4	108610	SCREW BHSC 1/4-20UNCX1	2
5	151471	ACCEL,CURTIS FP6 W/ PLUG	17
6	153298	FLOOR MAT, BT-4.5	1
7	153300	PLATE, BT-4.5 RH FLOOR	1
8	1-861-010032-06	WASHER, FLAT 1/4 N ZP/CD	2
9	153302	PLATE WLDMT,BT-4.5 LH FLOOR C	1

[illegible]

**Figure 2-60: Battery Door Assembly**

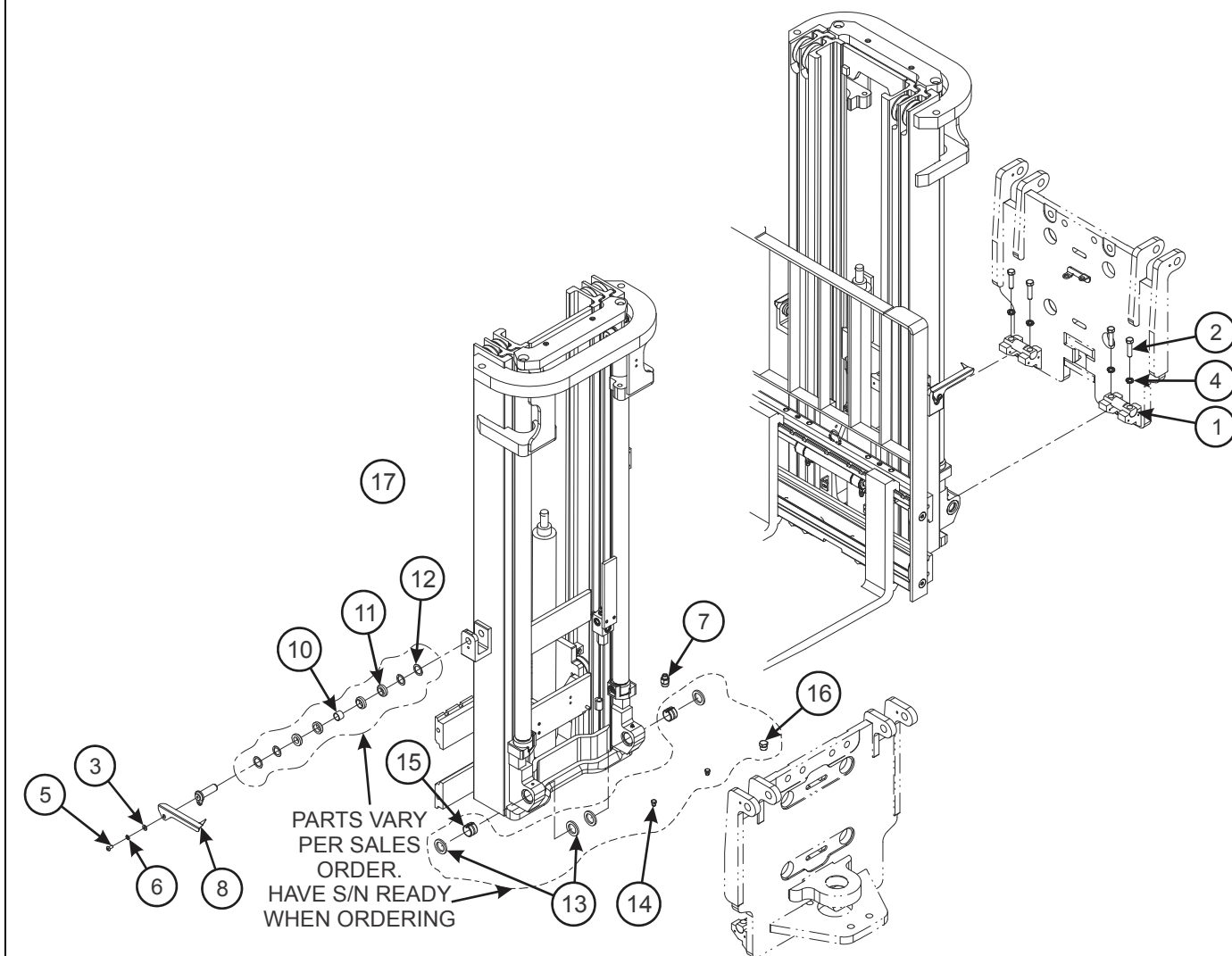
Battery Door Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
1	1-861-010032-06	WASHER, FLAT 1/4 N ZP/CD	6
2	1-861-010032-08	WASHER,FLAT 5/16 ZP	2
3	106955	SCREW,BHSC 1/4-20UNCX3/4	6
4	107470	NUT,SPIRALOCK 3/8-16HX	1
5	108797	WASHER 1/4 LKG INT TOOTH	6
6	111340	BRACKET,SER4 DOOR LATCH GUIDE	2
7	115668	RING,RETAINING,EXT,E,1/4	4
8	115673	NUT,HEX FLANGE 10-32 SPIRAL	4
9	119741	PIN, SER 4 DOOR HINGE	2
10	121443	SCREW, BHSC 10-32X.50	4
11	127097	SHIM, SER 4 DOOR HINGE	2
12	128306	SPACER,SER 4 DOOR LATCH MNT	1
13	128757	WASHER,SER4 DOOR LATCH RTNR	1
14	128838	HINGE,SER4 BENDI RH DOOR	2
15	130405	SCREW,BHSC 3/8-16UNCX1-1/4	1
16	130406	HANDLE,SER4 DOOR LATCH	1
17	130412	CLEVIS,10-32 MACH STEEL	2
18	130413	PIN,SER4 UPPER DOOR LATCH	1
19	130414	PIN,SER4 LOWER DOOR LATCH	1
20	130415	PIN,SER4 LOWER DOOR LOCATOR	1
21	130604	SPRING,SER4 DOOR LATCH	2
22	131080	RING,RETAINING,EXT,E,5/16	4
23	157523	DOOR WLDMT,B55 RH BATT COMPT	1

**Figure 2-61: Battery Guide Assembly**

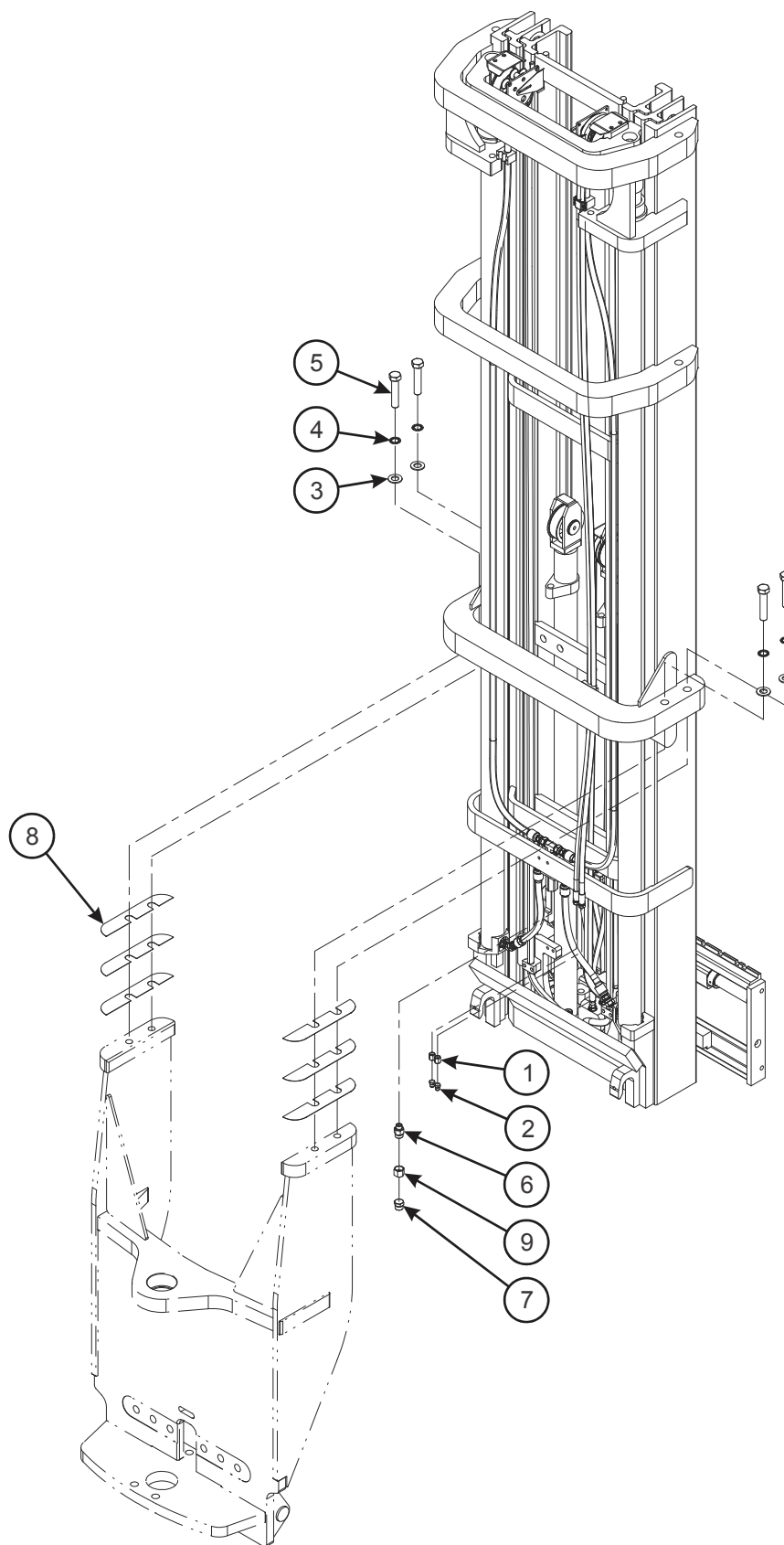
Battery Guide Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
1	1-510-010004-03	NUT HX FLANGE, 5/16-18 GR8	3
2	1-654-010079-6	SCREW SKT FL C/SUNK 1/4-20X1	6
3	108457	BAR,B40 RR UHMW BATTERY GUIDE	1
4	131206	SCREW,BHSC 5/16-18UNCX1-1/4	3
5	153282	BAR,BT-4.5 FRT UHMW FRT GUIDE	1

**Figure 2-62: Mast Assembly - B55 Only**

Mast Assembly - B55 Only

ITEM	PART NO.	DESCRIPTION	QTY.
1	0010867	PIN LOWER MAST	2
2	1-654-010059-07	SCREW HX CP 5/8-11UNCX2-1/2G5	4
3	1-861-010032-10	WASHER, FLAT 3/8" N ZP/CD	2
4	1-861-010034-15	WASHER,LKG,HLCL SPR,5/8	4
5	111899	SCREW,BHSC 3/8-16UNCX3/4	2
6	119734	WASHER, 3/8 LKG INTERNALTOOTH	2
7	152862	ADAPTER, #10 ORS X #8 ORB STR	1
8	153481	INDICATOR,BT/AC RH TILT	1
9	153482	INDICATOR,BT/AC LH TILT	1
10	153475	SLEEVE,BT-5 TILT CYL ROD END	1
11	153474	SPACER,BT-5 TILT CYL ROD END	1
12	153525	WASHER,BT-AC TILT CYL SHIM	2
13	0023202	SEAL,MAST PIVOT BENDI 48	4
14	153522	PLUG , # 10 ORS	1
	0018144	PLUG,#80RS	1
15	0023205	BUSHING, MAST BENDI 48	2
16	0018143	PLUG,37 FLARE,#6JIC	2

**Figure 2-63: Mast Assembly - B55HL Only**

Mast Assembly - B55HL Only

ITEM	PART NO.	DESCRIPTION	QTY.
1	0018142	CAP,37 FLARE #6JIC	2
2	0018143	PLUG,37 FLARE,#6JIC	2
3	1-861-010032-22	WASHER,FL 7/8 ZP/CD	4
4	119554	WASHER, 7/8 LKG INTL TOOTH	4
5	149345	SCREW HX CP 7/8-9UNCX4-1/4GR8	4
6	152862	ADAPTER, #10 ORS X #8 ORB STR	1
7	153522	PLUG , # 10 ORS	1
8	165751	SHIM, B55HL UPR MAST MNT	6
9	165754	CAP, #10 ORS	1

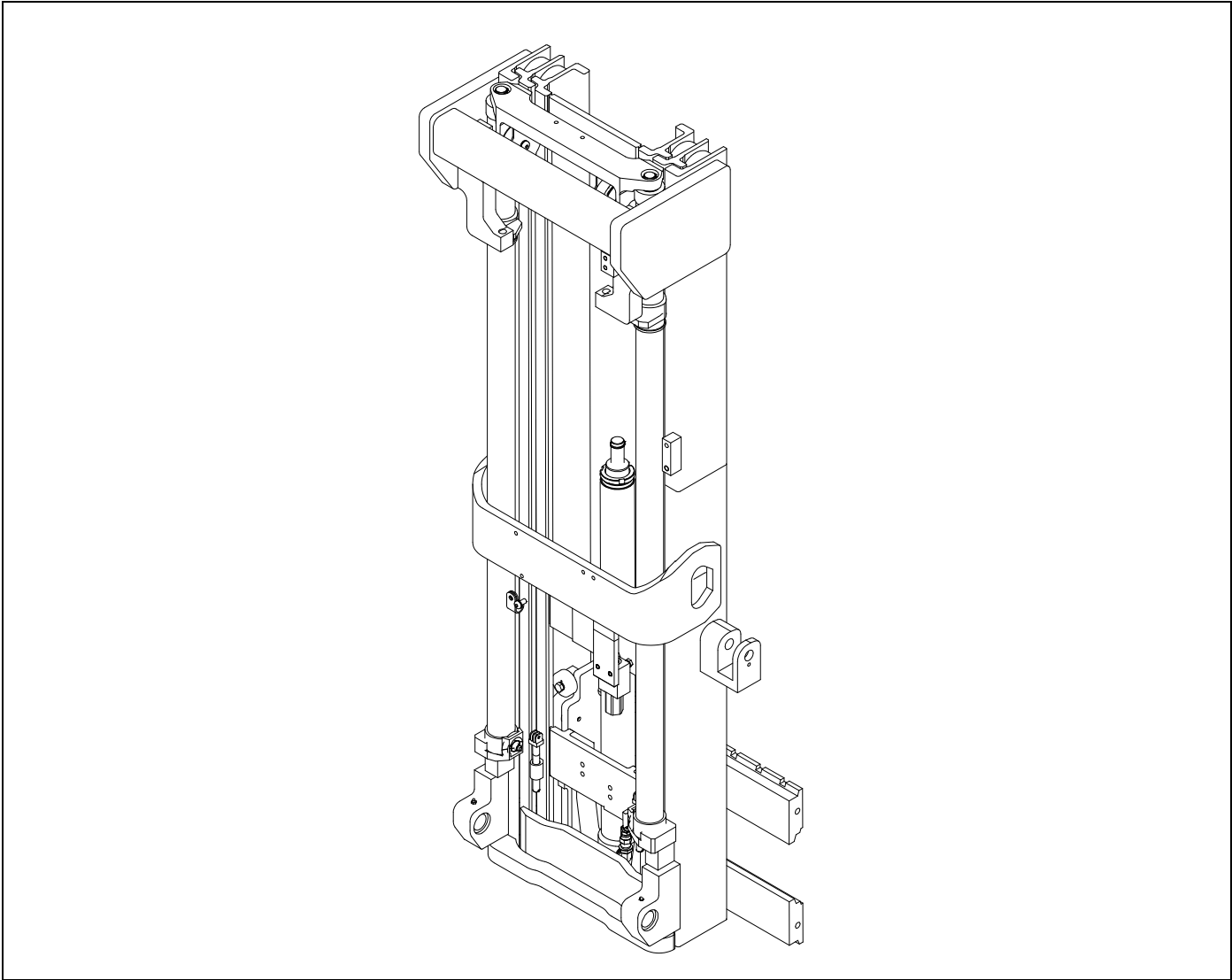
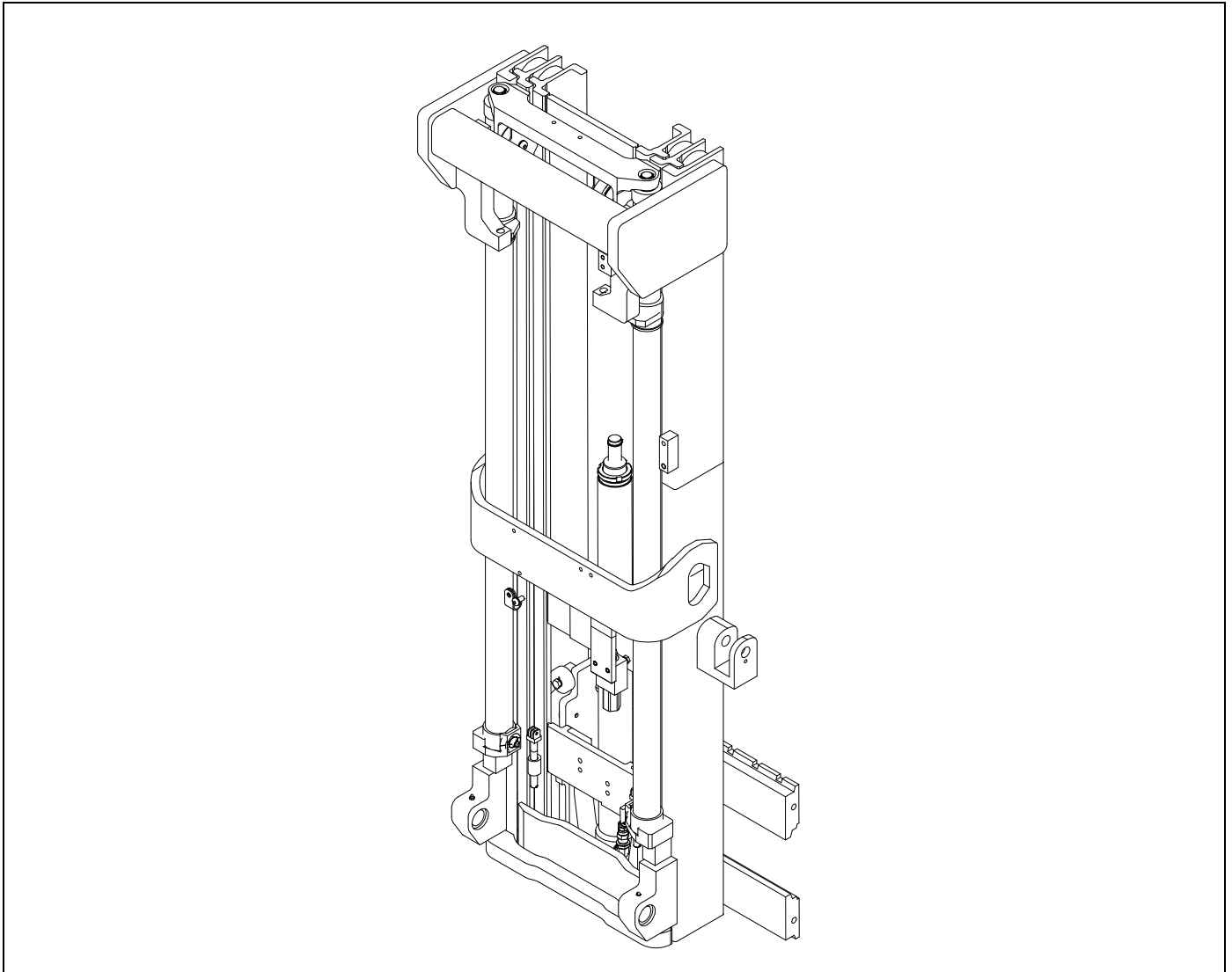


Figure 2-64: Mast Options - B55 Only

Mast Models Available - B55 Only

ITEM	PART NO.	DESCRIPTION	QTY.
CASCADE (LIFT THECNOLOGIES) MAST TYPE:			
FORKLIFT MODEL CROSS REFERENCE			
55D QUAD			
55 TRIPLE			

For information covering parts and service of masts, sidershifters, and all other attachments, contact the original equipment manufacturer.

**Figure 2-65: Mast Options - B55HL Only**

Mast Models Available - B55HL Only

ITEM	PART NO.	DESCRIPTION	QTY.
CASCADE (LIFT THECNOLOGIES) MAST TYPE:			
FORKLIFT MODEL CROSS REFERENCE			

F60

For information covering parts and service of masts, sidershifters, and all other attachments, contact the original equipment manufacturer.

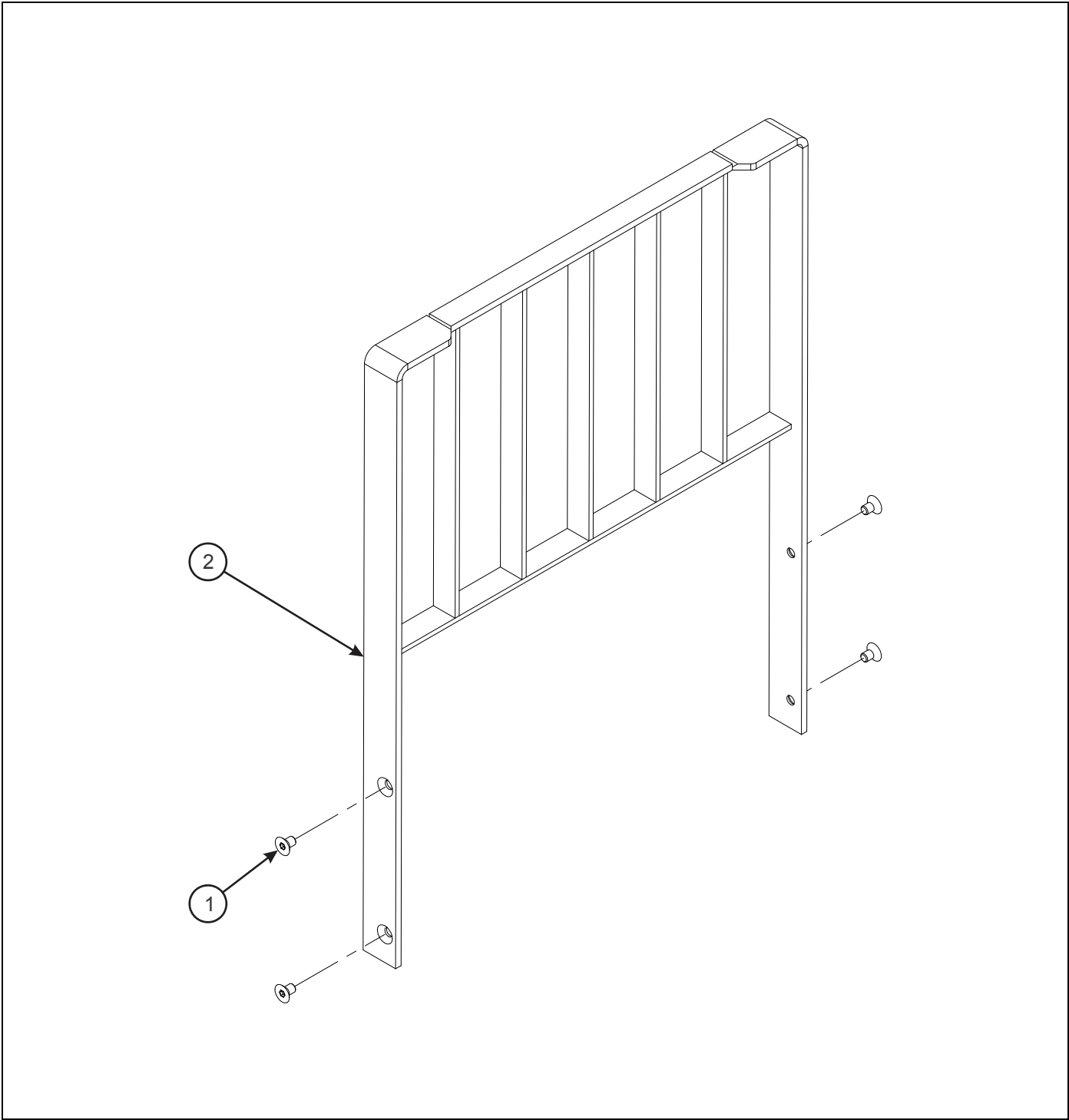


Figure 2-66: Load Backrest

Load Backrest

ITEM	PART NO.	DESCRIPTION	QTY.
1	118180	SCREW FLAT CTSK 16MM-2.0X25MM	4
2	153250	WELDMENT, 41 X 36 ISS LBR	1

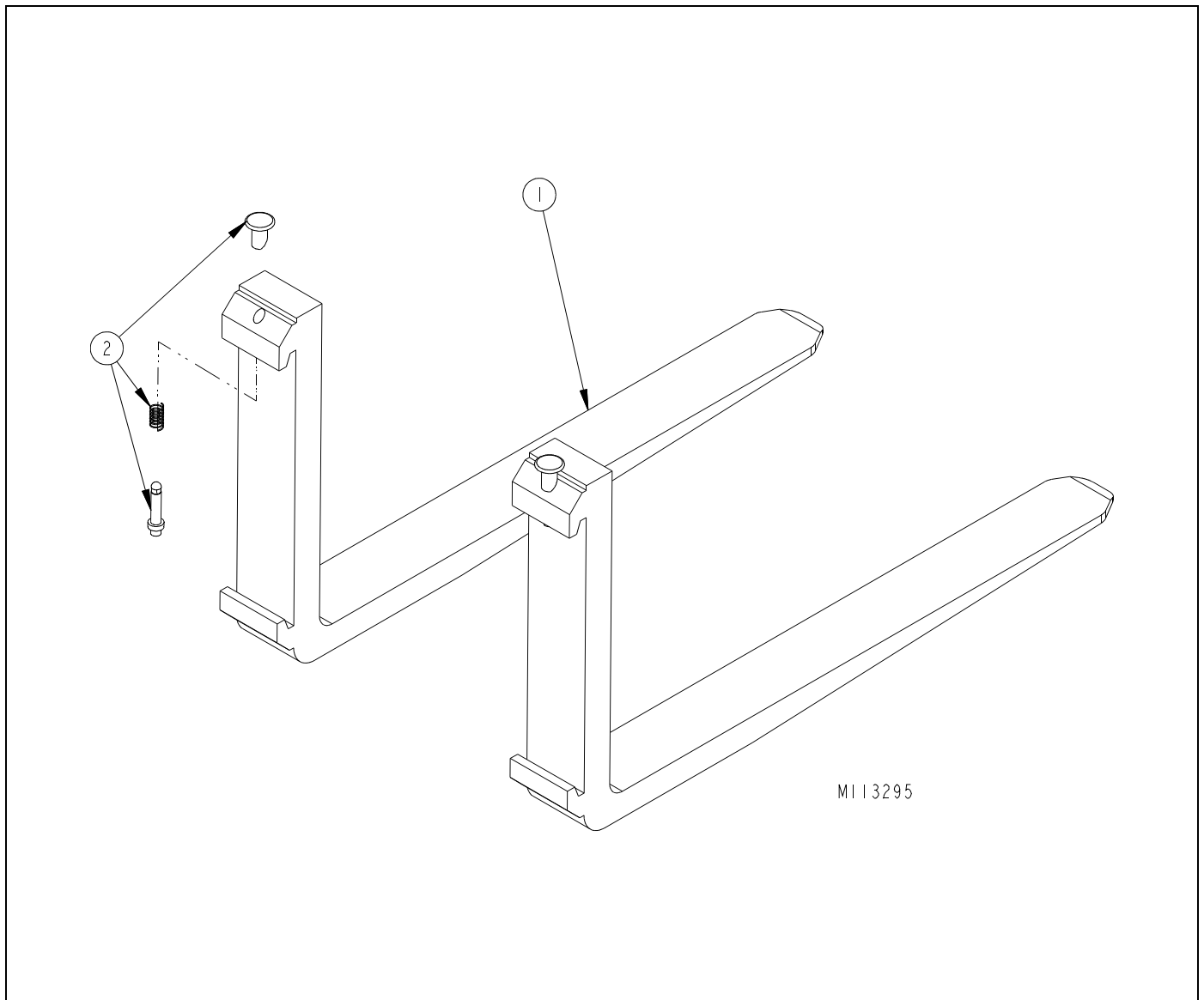


Figure 2-67: Forks

Forks

ITEM	PART NO.	DESCRIPTION	QTY.
1	113006	FORK, 36" KENHAR	2
	112642	FORK, 42" KENHAR	2
	125690	FORK, 48" KENHAR	2
	130252	FORK, 40" BTM TRP, TAPER TIP	2
	133892	FORK, 60" CL2 HALF TPR 10" TIP	2
2	112643	PIN KIT KENHAR FORKS	2

Table provided for your general use with this manual.

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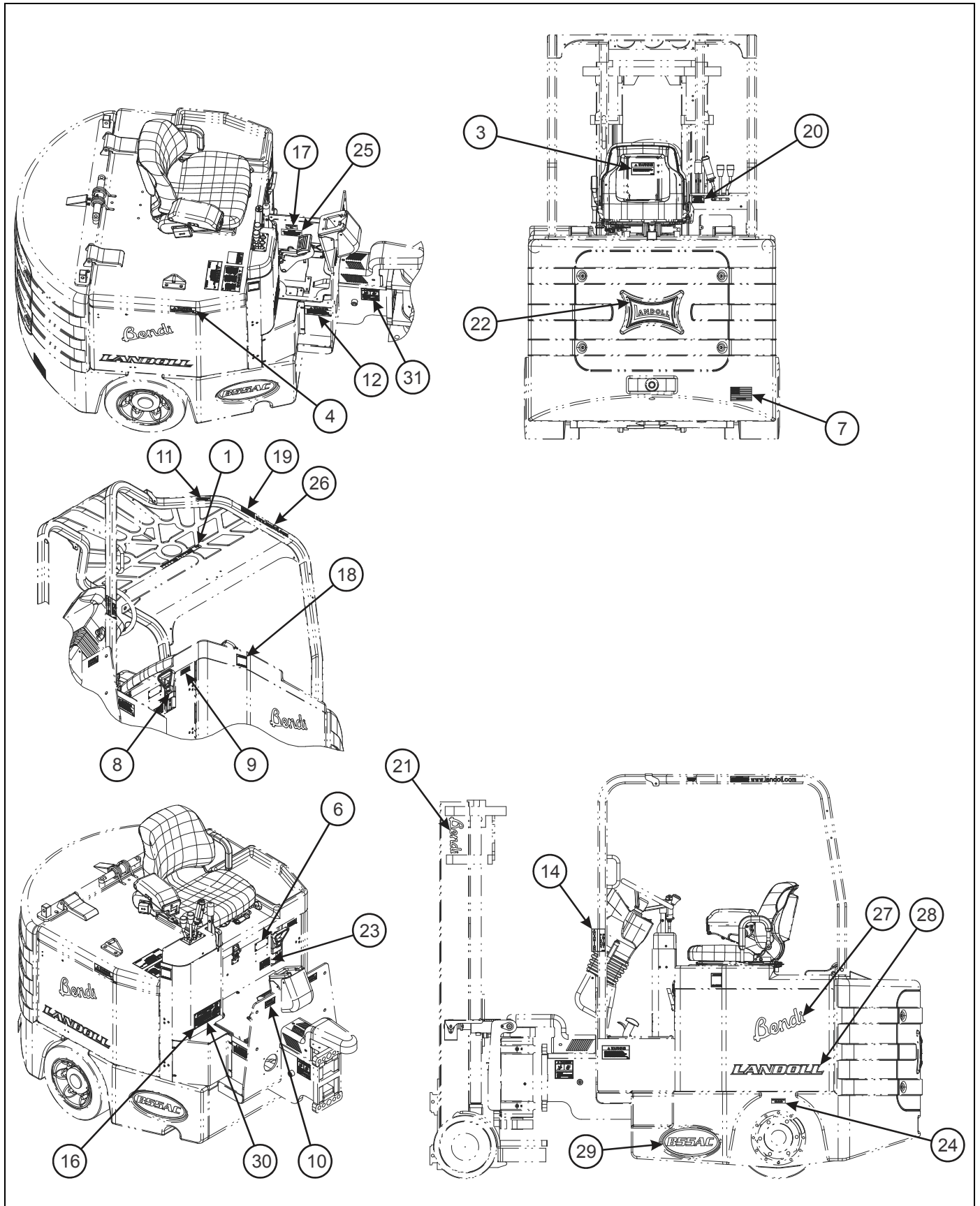


Figure 2-68: Decal Installation (1 of 2)

ILLUSTRATED PARTS LIST

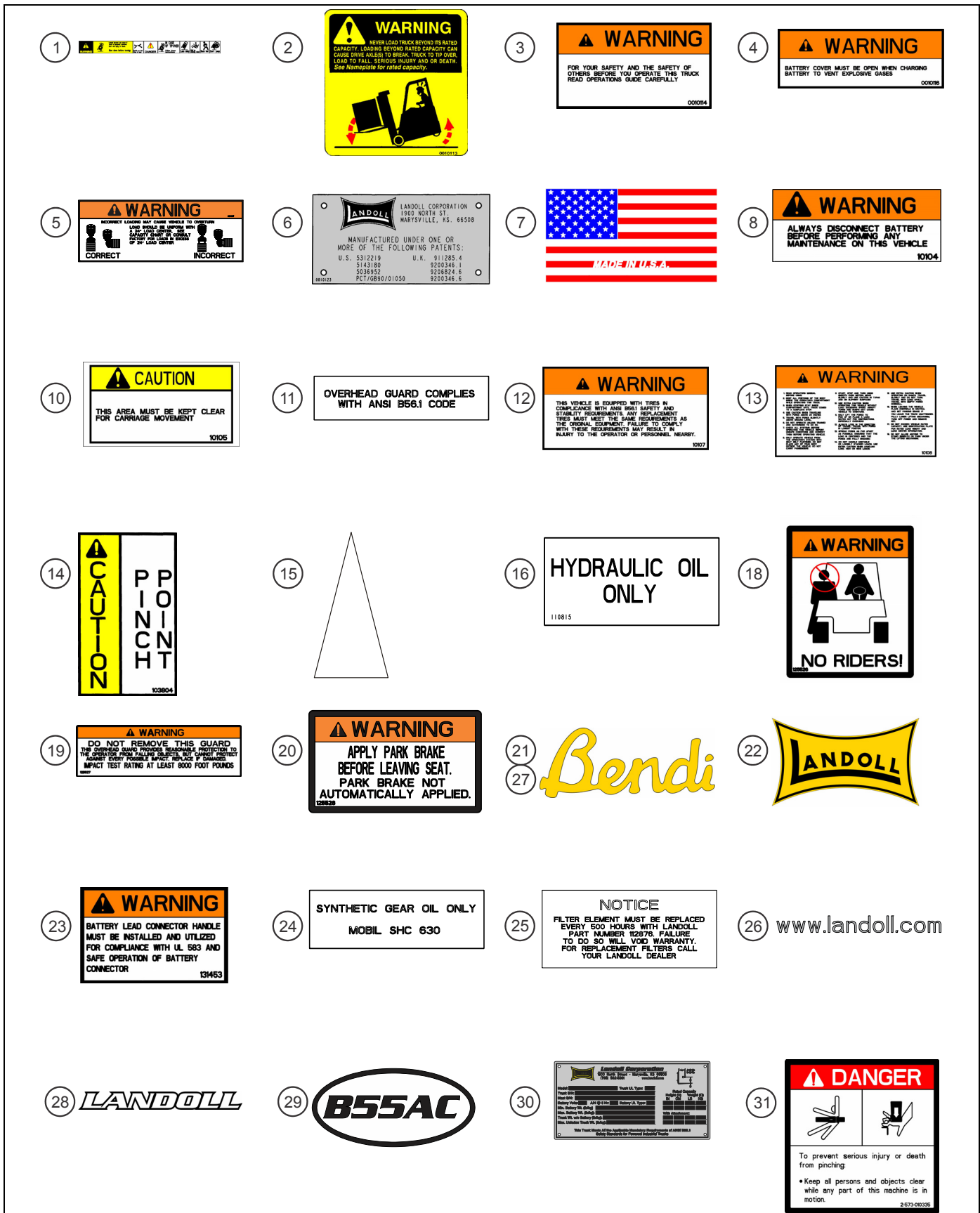


Figure 2-69: Decal Installation (2 of 2)

Decal Installation

ITEM	PART NO.	DESCRIPTION	QTY.
1	0010112	DECAL, DANGER ROLLOVER	1
2	0010113	DECAL, OVERLOAD WARNING	1
3	0010114	DECAL, BEFORE OPER. WARNING	1
4	0010116	DECAL, COVER OPEN WARNING	1
5	0010117	DECAL, PROPER VEH. LOADING	1
6	0010123	PLACARD, FORKLIFT PATENTS	1
7	0011042	DECAL, MADE IN USA FLAG	1
8	100218	HANDLE, BATTERY DISCONNECT	1
9	10104	DECAL, BATTERY WARNING	1
10	10105	DECAL, SIDE SHIFT CAUTION	2
11	10106	DECAL, OVERHEAD GUARD	1
12	10107	DECAL, TIRE REPLACEMENT	2
13	10108	DECAL, OPERATOR WARNING	1
14	103804	DECAL, OHG PINCH PT	2
15	105360	DECAL, ROTATION IND. (WHITE) (B55 ONLY)	2
16	107-0828	POP RIVET 5/32 CHERRY #BSP52	8
17	110815	DECAL, HYDRAULIC OIL LEVEL	1
18	125526	DECAL, NO RIDERS	2
19	125527	DECAL, DO NOT REMOVE GUARD	1
20	125528	DECAL, APPLY PARK BRAKE	1
21	130602	DECAL,DREXEL YELLOW BENDI 8	2
22	130603	DECAL,DREXEL YELLOW BOWTIE	1
23	131453	DECAL,BATTERY LEAD WARNING	1
24	131556	DECAL, BREVINI OIL SPEC	2
25	131557	DECAL, SER 4 HYD FILTER	1
26	151151	DECAL, LANDOLL.COM GRAY	1
27	151430	DECAL, BENDI 12 (BLACK)	2
28	152870	DECAL, BLK OUTLINE 20" LANDOLL	2
29	158982	DECAL, B55AC SIDE	2
30	163857	DATA PLATE, LANDOLL FORKLIFT	1
31	2-573-010335	DECAL, DANGER PINCHING	2
32	159814	PLATE, B55 LWR STEP C	1
33	159815	PLATE, B55 UPR STEP D	1

ILLUSTRATED PARTS LIST

Accessories

ITEM	PART NO.	DESCRIPTION	QTY.
	125992	ACCESSORIES, FIRE EXTINGUISHER	
	0030020	FIRE EXTINGUISHER FORKLIFT	
	1/4-20X3/4 SELF	SCREW HEX HEAD THREAD CUT	
	0018152	GAUGE ASSEMBLY	
	105-0211	TYWRAP 3/16-3-1/2DIA TY-527MX	
	129191	KIT 48V EXTRA FUNCTION (INCLUDES **)	
	**105-0211	TYWRAP 3/16-3-1/2DIA TY-527MX	
	**129194	KIT 48V EXTRA FUNC SOLENOID	
	**622-2967-001	RECEPTACLE 2 POS (MALE)	
	**622-2967-002	PLUG 2 POS. (FEMALE)	
	**622-2967-013	PIN, 16-18AWG, SOLID	
	**622-2967-015	SOCKET, 16-18AWG, SOLID	
	**622-2967-017	WEDGE 2 POS RECEPTACLE	
	**622-2967-018	WEDGE, 2 POS PLUG	
	128554	DEUTSCH SERVICE KIT	
	140222	PAINT YELLOW SPRAY CAN 7323	
	101601	PAINT, CASCADE FLAT BLACK	
	0033016	BAND H.S. LIFT MOTOR SOLID	
	0012521	GREASE, COLD STORAGE	
	1-341-010004-2	GREASE, HIGH PRFM LUBE (DRUM)	
	519-8954	RUST INHIBITOR, LPS-3 11OZ CAN	
	131560	BAND KIT, ADC 5.5KW MTR SOLID	
	1408403	BRACKET FOR 5 LB EXTINGUISHER	
	51198	FIRE EXTINGUISHER DRY 5 LB	
	1-394-010001	HOSE ABRASION SLEEVE X2	
	1-394-010002	HOSE ABRASION SLEEVE X2-7/8	
	143837	PROGRAMMER, CUTRIS 1311 SERV	
	145405	KIT, CURTIS 1314 OEM PROG	

ITEMS WITH ** BEFORE PART NUMBER ARE INCLUDED IN 129191.

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Chapter 4

Glossary

For clarity this glossary of industry standard abbreviations and their definitions are provided.

For additional information, “Instructions for Ordering Parts” on page 1-1.

A

ASSY Assembly

B

BATT Battery
BHSC Button Head Socket Cap
BLK Black

C

CB Carriage Bolt
CONN Connector
CRG Carriage
CTSK Countersunk
CTWT Counterweight
CVR Cover
CYD Cylinder

D

DBL Double
DIA Diameter

E

ENCLSD Enclosed

F

FHCS Flanged Head Cap Screw
FHHCS Flanged Hex Head Cap Screw
FL OR FLG Flange
FLT Flat

G

GA Gauge

H

HHCS Hex Head Cap Screw
HCS Hex Cap Screw
HD Head
HLCL Helical
HCSKT Hex Socket
HYD Hydraulic

I

ID Inside Diameter

L

LH Lefthand
LKG OR LOCK Locking
LWR Lower

M

MANF Manifold
MNT Mount

GLOSSARY

N

NRW Narrow
NSS Not Serviced Separately

O

OD Outside Diameter
OHG Overhead Guard
ORFS OR ORS O-Ring Seal
ORP OR ORB O-Ring Boss

P

P-STEER Power Steering
PTFE Polytetrafluoroethylene (Teflon)

R

RH Righthand
RND Round

S

SER Series
SHCS Socket Head Cap Screw
SHLD Shield
SKT Socket
SLFLKG Selflocking
SOC Socket
SPDT Single Pole Double Throw
SPR Spring
SQ Square
SRTD Serrated
SSCR Setscrew
SST Stainless Steel
STD Standard

U

UPR Upper

W

WHL Wheel
WLD OR WLDMT Weldment

Document Control Revision Log:

Date	Revision	Improvement(s) Description and Comments
09/15/11	F-596-R1	Initial Release
nn/nn/nn	F-	
nn/nn/nn	F-	



Equipment from Landoll Corporation is built to exacting standards ensured by ISO 9001:2008 registration at all Landoll manufacturing facilities.

Bendi B55AC & B55AC HL

Parts Manual

Re-Order Part Number F-596-R1

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