



Bendi B55AC / B55AC HL Parts Manual



LANDOLL CORPORATION

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Illustrated Parts List

Instructions for Ordering Parts

**** Repair parts must be ordered through an Authorized Dealer ****

DEALER INSTRUCTIONS FOR ORDERING PARTS FROM LANDOLL PARTS DISTRIBUTION CENTER

PHONE #: 800-423-4320 OR 785-562-5381

FAX #: 888-527-3909

ORDER ONLINE: dealer.landoll.com

IDENTIFICATION PLATE

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

SERIAL NUMBER NOMENCLATURE

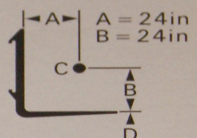
The serial number for the Bendi forklift and mast is located on the identification plate. The following information will help decode the Bendi serial number:

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 (ex. "A")
xxxxx	= frame number



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Model: **B55/56E180D** Truck UL Type: **E**

Truck S/N: **B55/56ACHL-1109A-06783**

Mast S/N: **F60-MT-002-00004M wss**

Battery Volts: **48** A/H @ 6 Hr: **935** Battery UL Type: **E**

Min. Battery Wt. (lb./kg): **3,500**

Max. Battery Wt. (lb./kg): **4,000**

Truck Wt. w/o Battery (lb/kg): **16,640**

Max. Unladen Truck Wt. (lb/kg): **20,640**

Rated Capacity

Height (D)		Weight (C)	
IN	CM	LB	KG
180	457	5,500	2,495
433	1,100	2,250	1,021

With Attachment:

**This Truck Meets All the Applicable Mandatory Requirements of ANSI B56.1
Safety Standards for Powered Industrial Trucks**

Figure 1-1: Identification Plate

Brakes

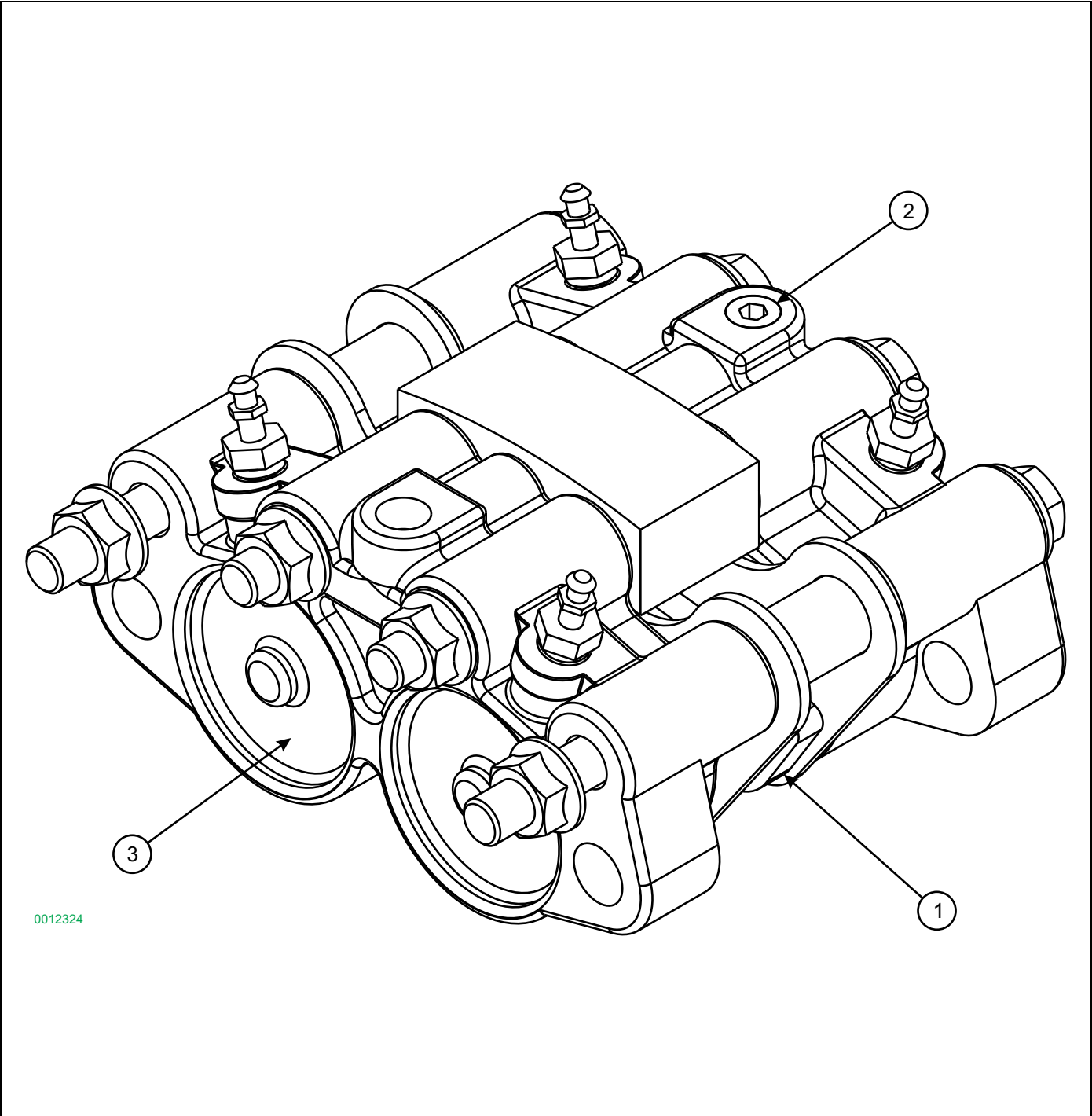


Figure 1-2: Brake Caliper Assembly

Brake Caliper Assembly

ITEM	PART NUMBER	DESCRIPTION	QTY.
	0012324	CALIPER ASSEMBLY BENDI	
1	169145	PAD KIT,HD KEVLAR BRAKE	2
2	135713	SCREW,BLEEDER,BRAKE	1
3	135714	PISTON, CALIPER,BRAKE	2

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ILLUSTRATED PARTS LIST

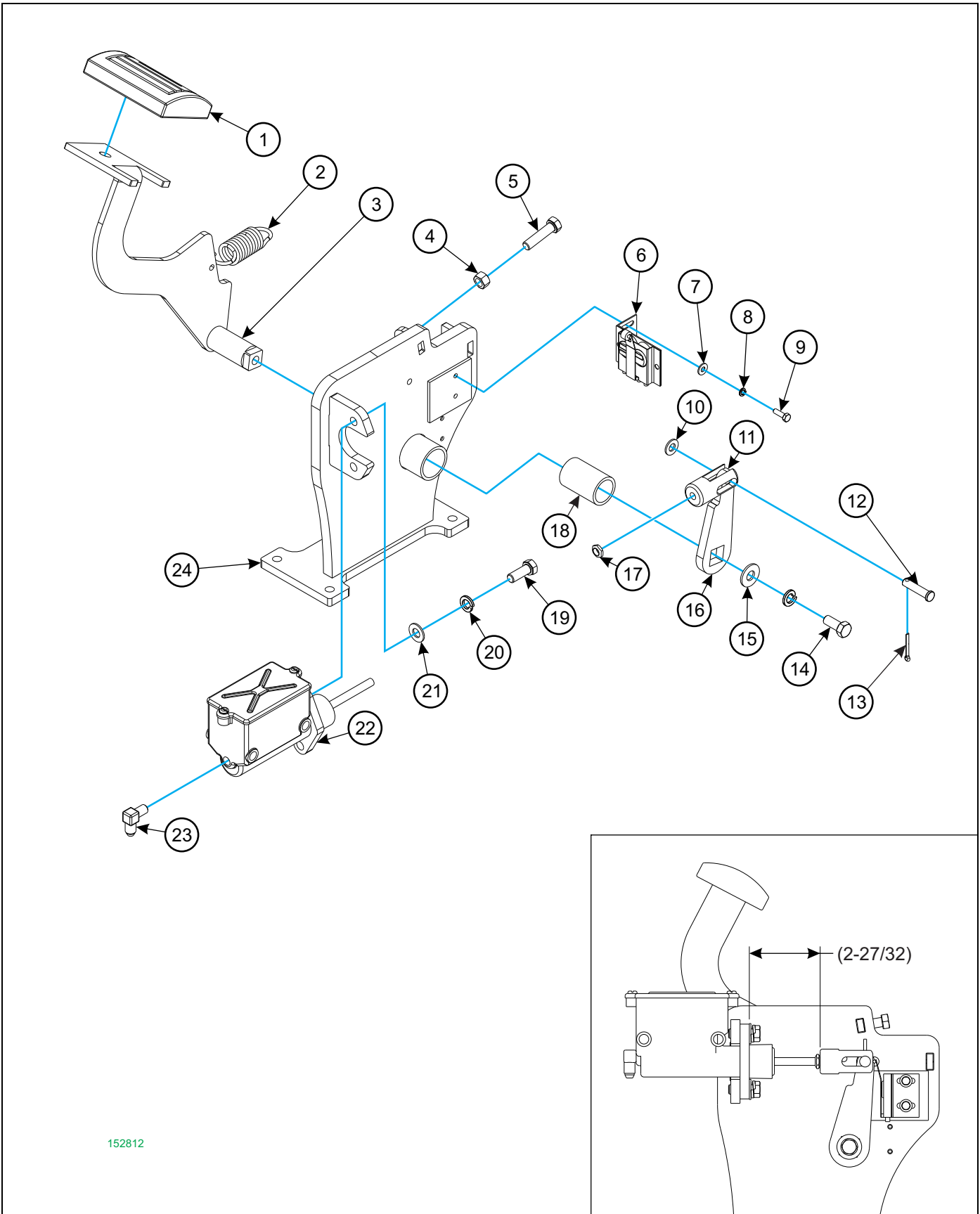


Figure 1-3: Brake Pedal Assembly

Brake Pedal Assembly

ITEM	PART NUMBER	DESCRIPTION	QTY.
	152812	PEDAL ASSY, BT/AC BRAKE	
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

Table provided for general use.

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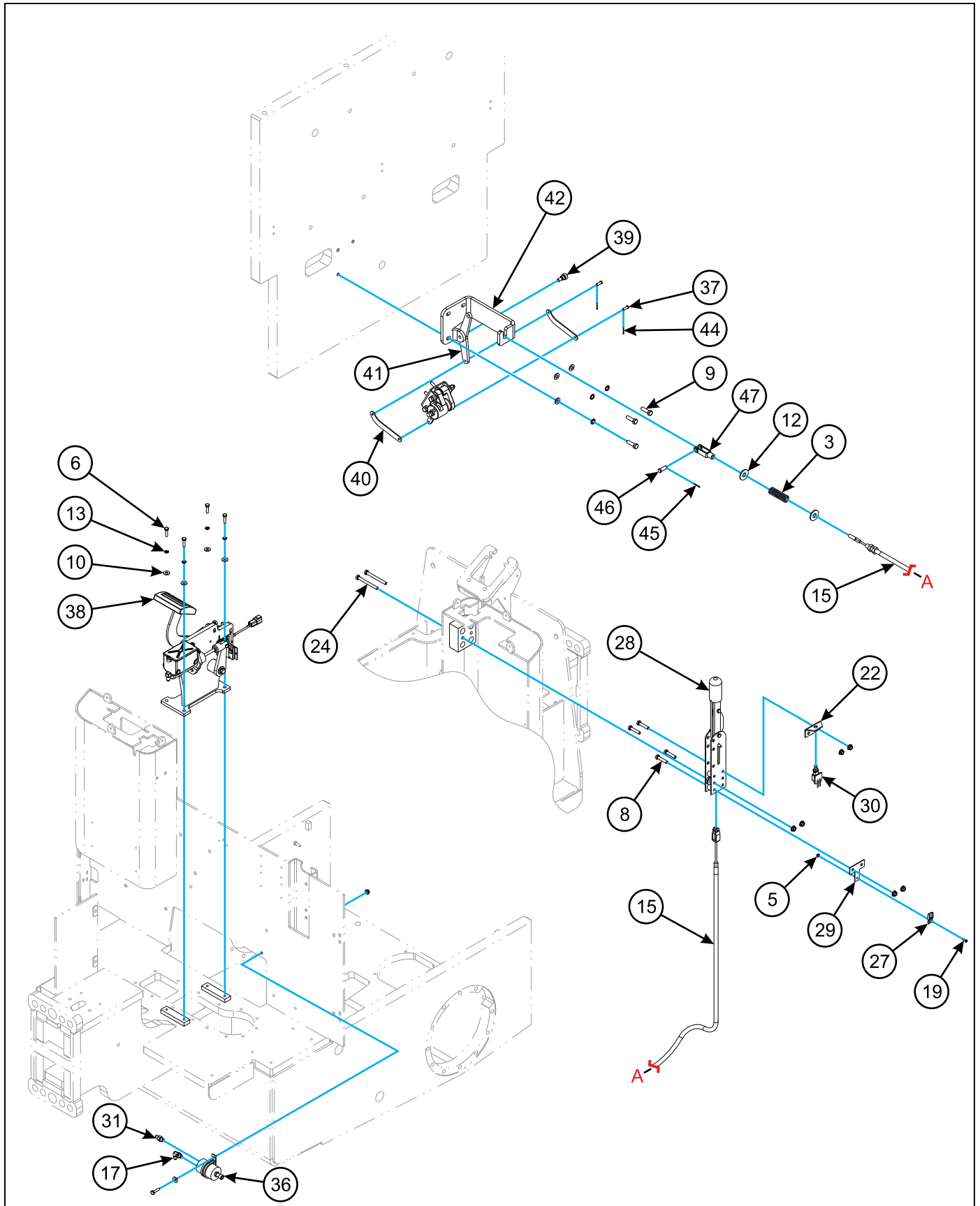


Figure 1-4: Brake System Installation (1 of 2) (PRIOR TO DD/DD/DDDD)

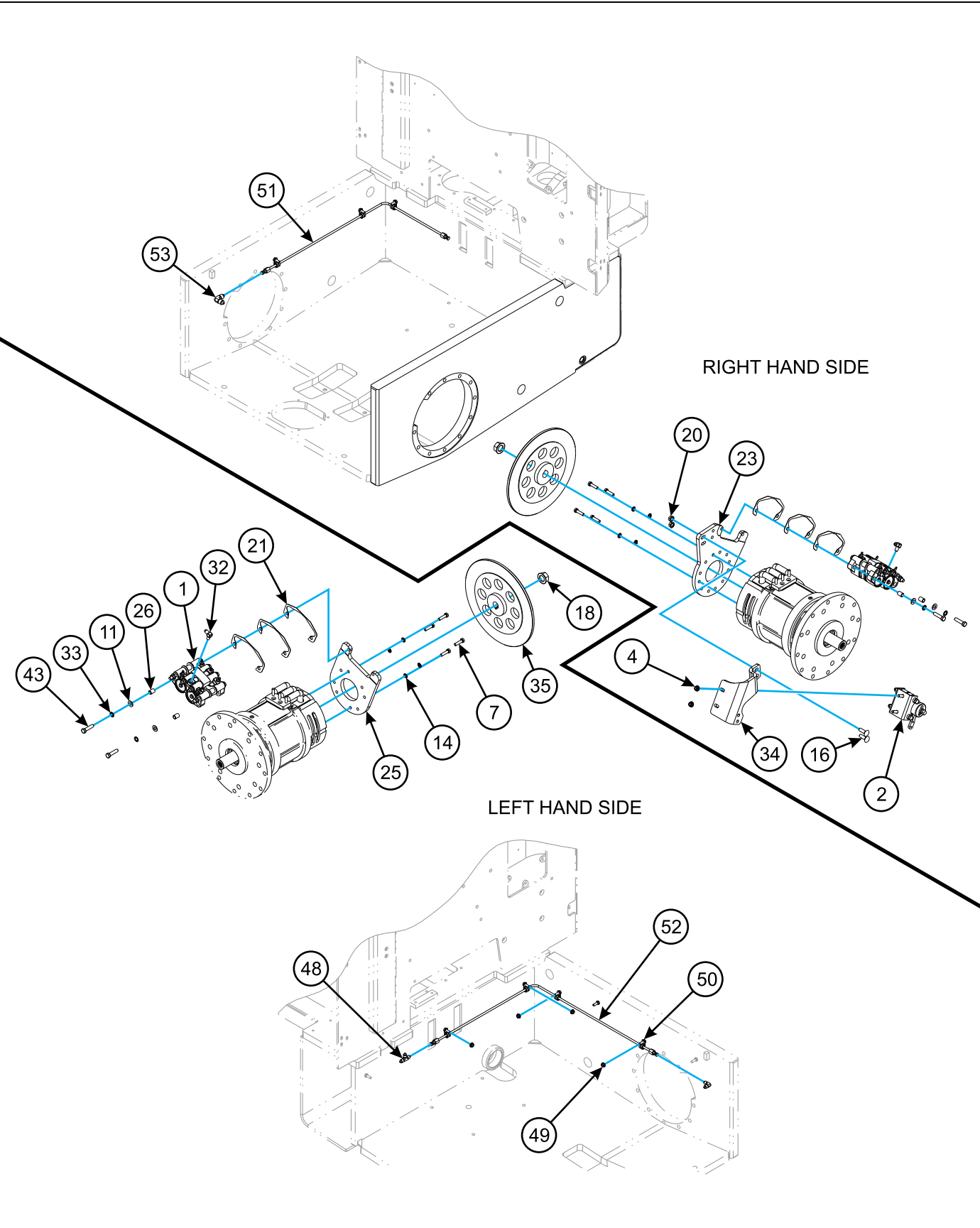


Figure 1-5: Brake System Installation (2 of 2) (PRIOR TO DD/DD/DDDD)

Brake System Installation (PRIOR TO DD/DD/DDDD)

ITEM	PART NO.	DESCRIPTION	QTY.
1	0012324	CALIPER ASSEMBLY BENDI (SEE PAGE 1-2)	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,5/16-18X3-1/4GR	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	BRKT,BRAKE SWITCH CONN MOUNT	1
30	113535	SWITCH,E-BRAKE CUTOFF	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 WLDM	2
36	130979	ACCUMULATOR,BRAKE,ADJUSTABLE	1
37	1408076	CLEVIS PIN .250X.750 ZP	1
38	152812	PEDAL ASSY, BT/AC BRAKE (SEE PAGE 1-4)	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
48	0012203	FITTING BRAKE LINE TEE	1
49	108417	NUT SPIRAL 1/4-20HX FG	8

Brake System Installation (PRIOR TO DD/DD/DDDD)

ITEM	PART NO.	DESCRIPTION	QTY.
50	125892	CLAMP, CABLE 3/8 SST	7
51	127648	BRAKE LINE, B55 LH	1
52	127649	BRAKE LINE, B55 RH	1
53	2039-4-4S	FITTING, 37 DEG. FLARE	2
54	0012334	HOSE,FLEX SS BRAKE LINE1.45IN (NOT SHOWN)	1
55	104794	HOSE,FLEX SS BRAKE LINE 11INR (NOT SHOWN)	2
56	131567	HOSE,FLEX SS BRK LINE 22 IN (NOT SHOWN)	1

**** Item 19 is no longer available. That part has been discontinued.**

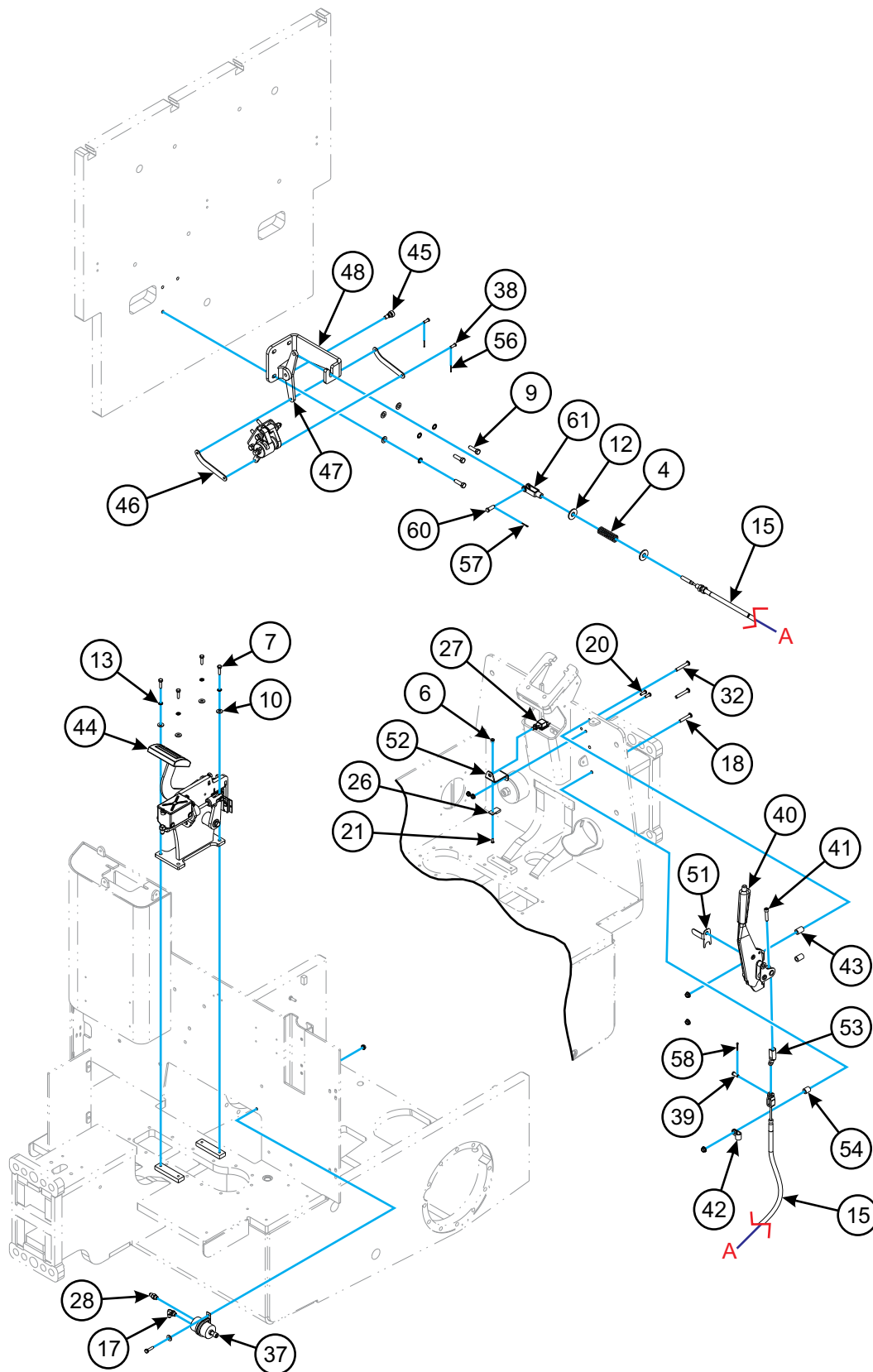


Figure 1-6: Brake System Installation (1 of 2) (AFTER DD/DD/DDDD)

ILLUSTRATED PARTS LIST

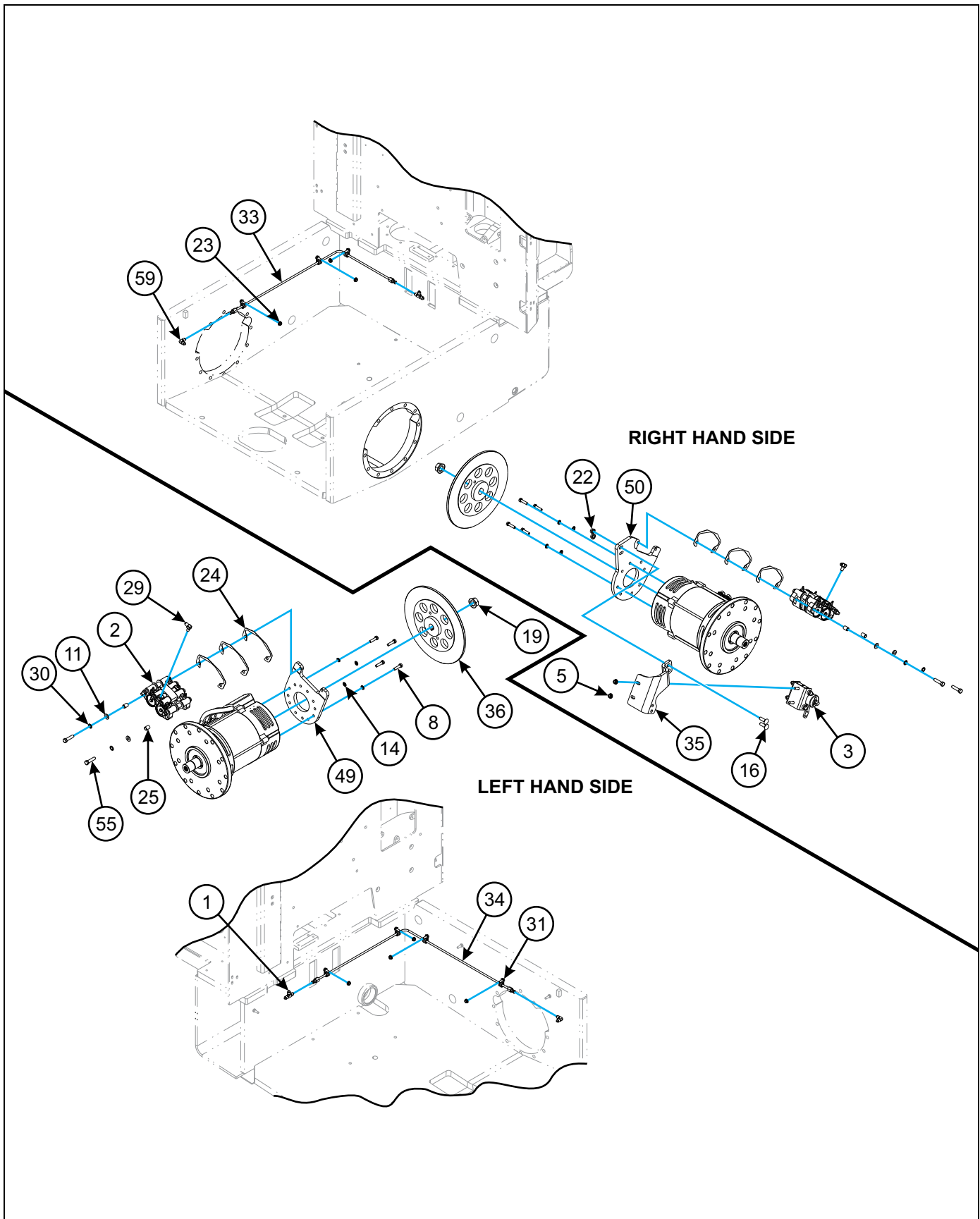


Figure 1-7: Brake System Installation (2 of 2) (AFTER DD/DD/DDDD)

Brake System Installation (AFTER DD/DD/DDDD)

ITEM	PART NO.	DESCRIPTION	QTY.
1	0012203	FITTING BRAKE LINE TEE	1
2	0012324	CALIPER ASSEMBLY BENDI	2
3	0012325	PARKING BRAKE CALIPER	1
4	0013512	BRAKE, SPRING PARK	1
5	1-510-010004-03	NUT HX FLANGE, 5/16-18 GR8	5
6	1-512-010003-03	NUT,HX 8-32,SLF-LKG W/NYL	1
7	1-654-010047-06	SCREW,HX CP 1/4-20UNCX1 GR5	5
8	1-654-010049-06	SCREW,H/CAP,5/16-18UNCX1-1/4	8
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	105430	SCREW SKT,BTN CP5/16-18X1-3/4	1
19	106049	NUT,HEX FLG 3/4-16, GR8, ZP	2
20	106955	SCREW,BHSC 1/4-20UNCX3/4	2
21	107-0762	SCR SLOT PAN HD #8-32X1/2	1
22	107470	NUT,SPIRALOCK 3/8-16HX	2
23	108417	NUT SPIRAL 1/4-20HX FG	10
24	108670	SHIM, PM3 BRAKE CALIPER	6
25	110750	SLEEVE,PM3 FIXED BRAKE	4
26	111271	HANGER,DEUTSCH CONNECTOR	1
27	113535	SWITCH,E-BRAKE CUTOUT	1
28	118-2680-3	ADAPTER, 37JIC TO O-RING 1/4"	1
29	118-2681-3	ADAPTOR,JIC ELBOW	2
30	119734	WASHER, 3/8 LKG INTERNALTOOTH	7
31	125892	CLAMP, CABLE 3/8 SST	7
32	126357	SCREW, BHCS 5/16-18 UNCX2	2
33	127648	BRAKE LINE, B55 LH	1
34	127649	BRAKE LINE, B55 RH	1
35	128297	BRACKET, ADC PARK BRK	1
36	130451	DISK,BRAKE,P40DD DOMESTIC WLDM	2
37	130979	ACCUMULATOR,BRAKE,ADJUSTABLE	1
38	1408076	CLEVIS PIN .250X.750 ZP	2
39	1408081	CLEVIS PIN 5/16X0.75	1
40	1422464	HANDLE,RATCHET,BRAKE	1
41	149376	SCREW, SKT HD 5/16-18X1-1/2	1
42	150737	CLAMP, PARK BRAKE CABLE	1
43	150741	TUBE, PARK BRAKE SPACER	2
44	152812	PEDAL ASSY, BT/AC BRAKE	1
45	152871	SCREW,HX SKT SHLDR 1/2 X 3/8	1
46	152904	PLATE, BT-4.5 PARK BRK LINK	2
47	152905	PLATE, BT-4.5 PARK BRK CRANK	1
48	152906	BRACKET, BT-4.5 BRAKE CBL MNT	1
49	176117	PLATE,BT/SL LH BRAKE MNT	1

ILLUSTRATED PARTS LIST

Brake System Installation (AFTER DD/DD/DDDD)

ITEM	PART NO.	DESCRIPTION	QTY.
50	176118	PLATE,BT/SL RH BRAKE MNT	1
51	182826	BRACKET,B55 PARK BRAKE SW ACTR	1
52	182829	BRACKET,B55 PARK BRAKE SW MNT	1
53	182830	LINK,B55 PARK BRAKE CONN	1
54	182831	TUBE,B55 PARK BK CABLE SPACER	1
55	18C624ER	SCREW,HX HD,3/8-24X1-1/2 GR8	4
56	1F212E	COTTER PIN .06DIA X .75 LG	2
57	1F312E	COTTER PIN,HAMLOCK .094X3/4	1
58	1F412E	PIN COTTER,HAMLOCK.125X.75LG	1
59	2039-4-4S	FITTING, 37 DEG. FLARE	2
60	3-557-010253	PIN ASSY, YOKE3/8	1
61	3-885-010004	YOKE END ADJ RH 3/8-24	1
62	0012334	HOSE,FLEX SS BRAKE LINE1.45IN (NOT SHOWN)	1
63	104794	HOSE,FLEX SS BRAKE LINE 11INR (NOT SHOWN)	2
64	131567	HOSE,FLEX SS BRK LINE 22 IN (NOT SHOWN)	1

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Covers & Counterweights

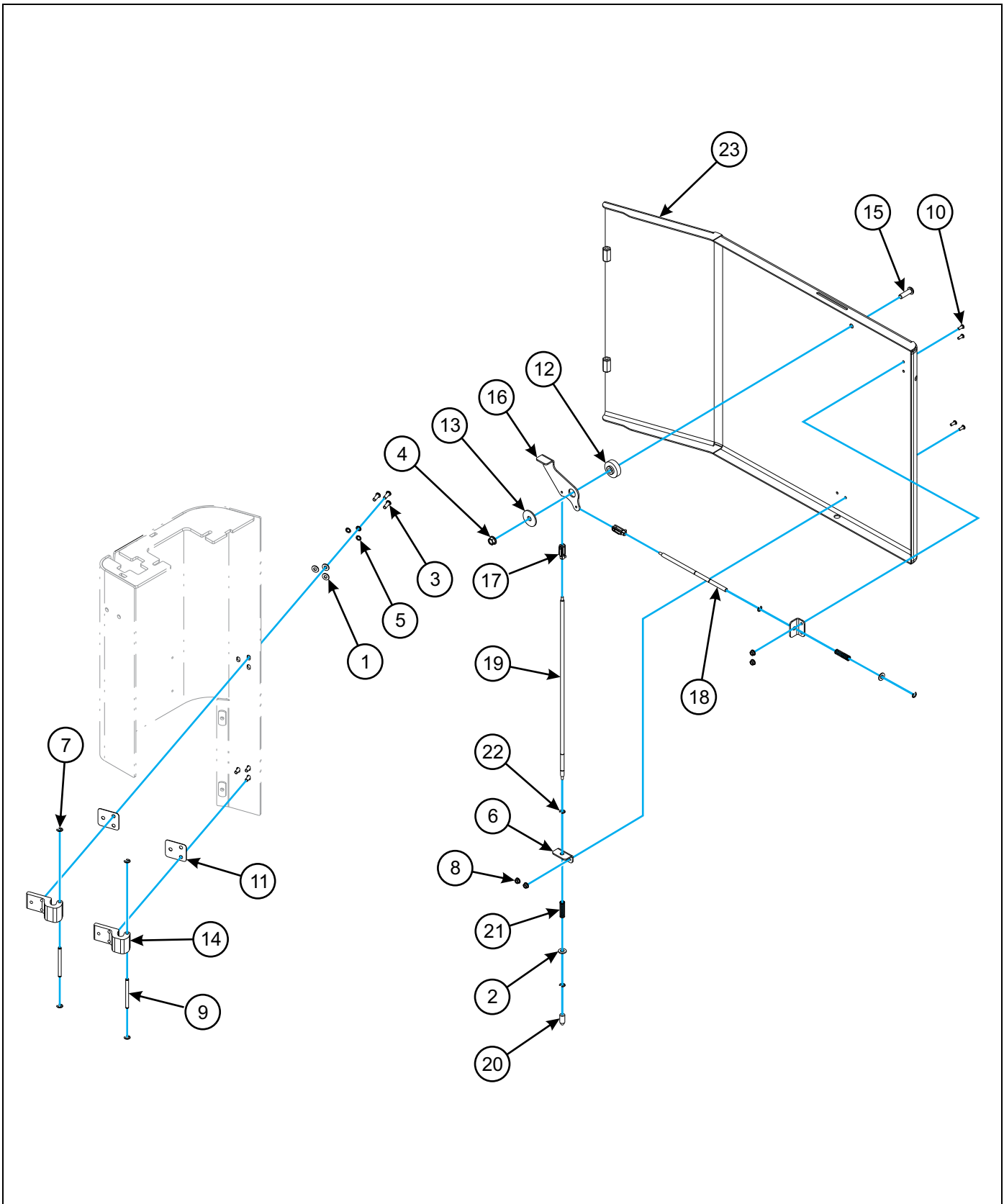
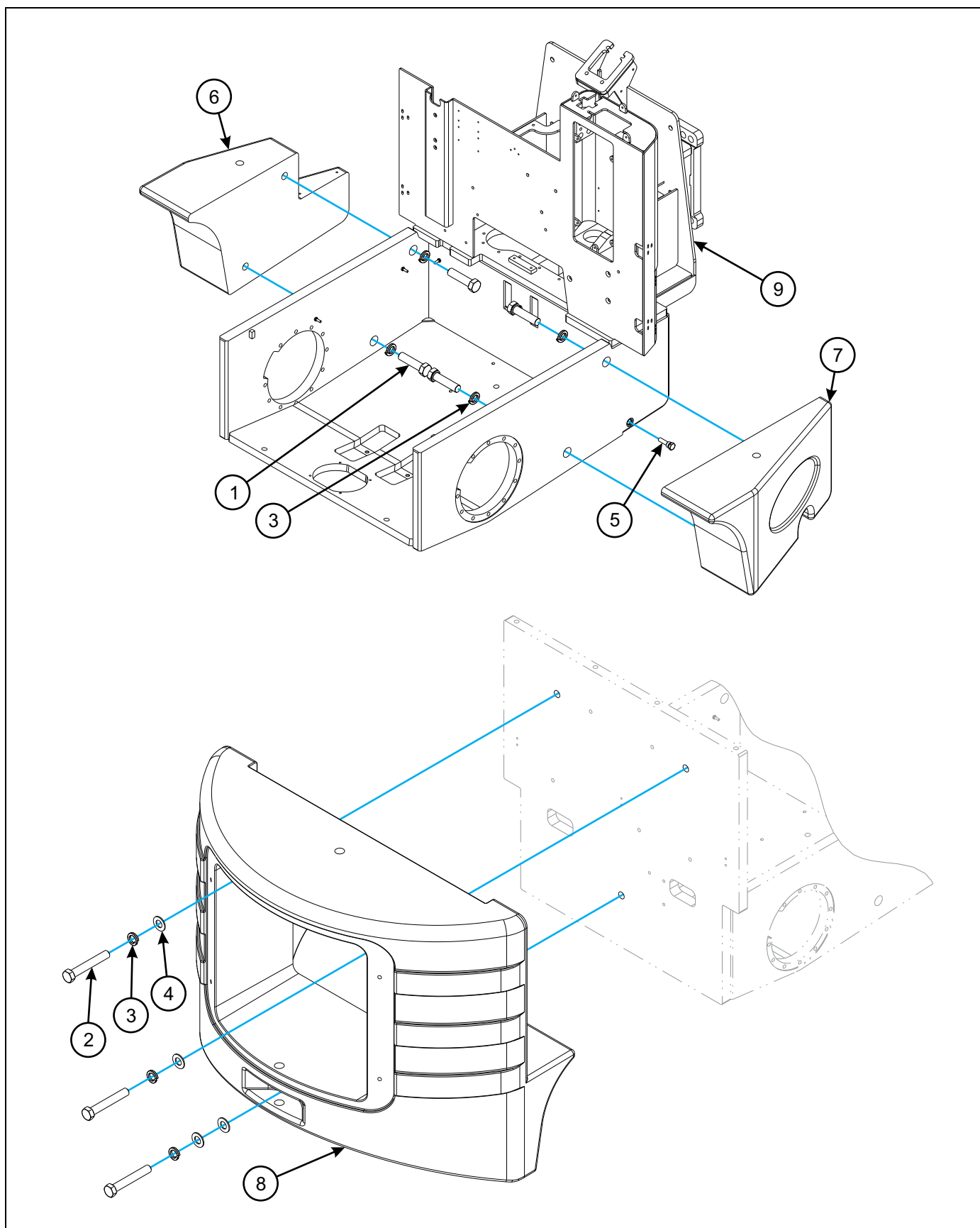


Figure 1-8: Battery Door Installation

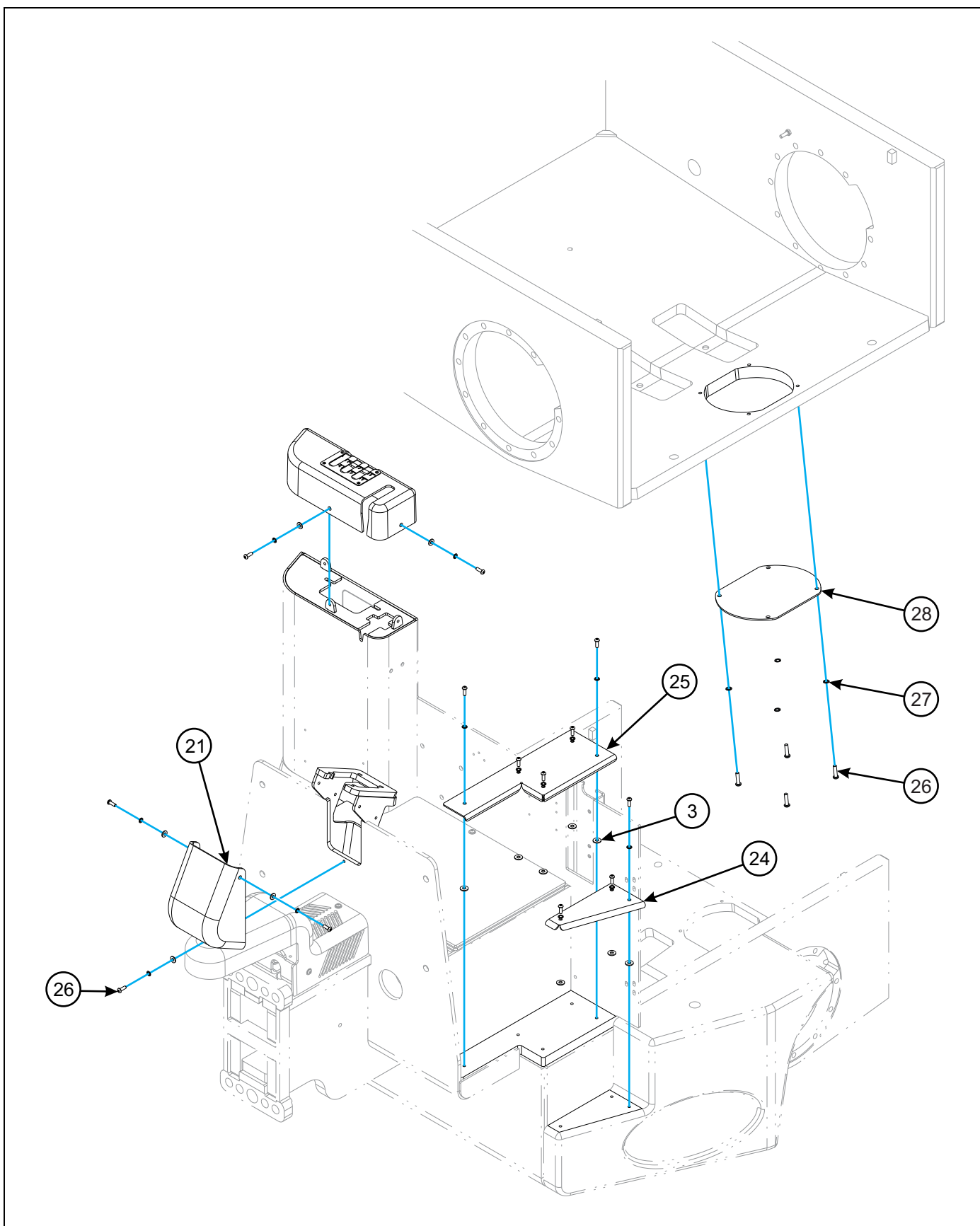
Battery Door Installation

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	169763	SCREW B4SC 10-32X.500 ZP	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 1-9: Counterweight Installation**

Counterweight Installation

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
9	165908	FRAME WLDMT, B55HL-5/56	1

**Figure 1-10: Covers and Floorboards Installation (1 of 3)**

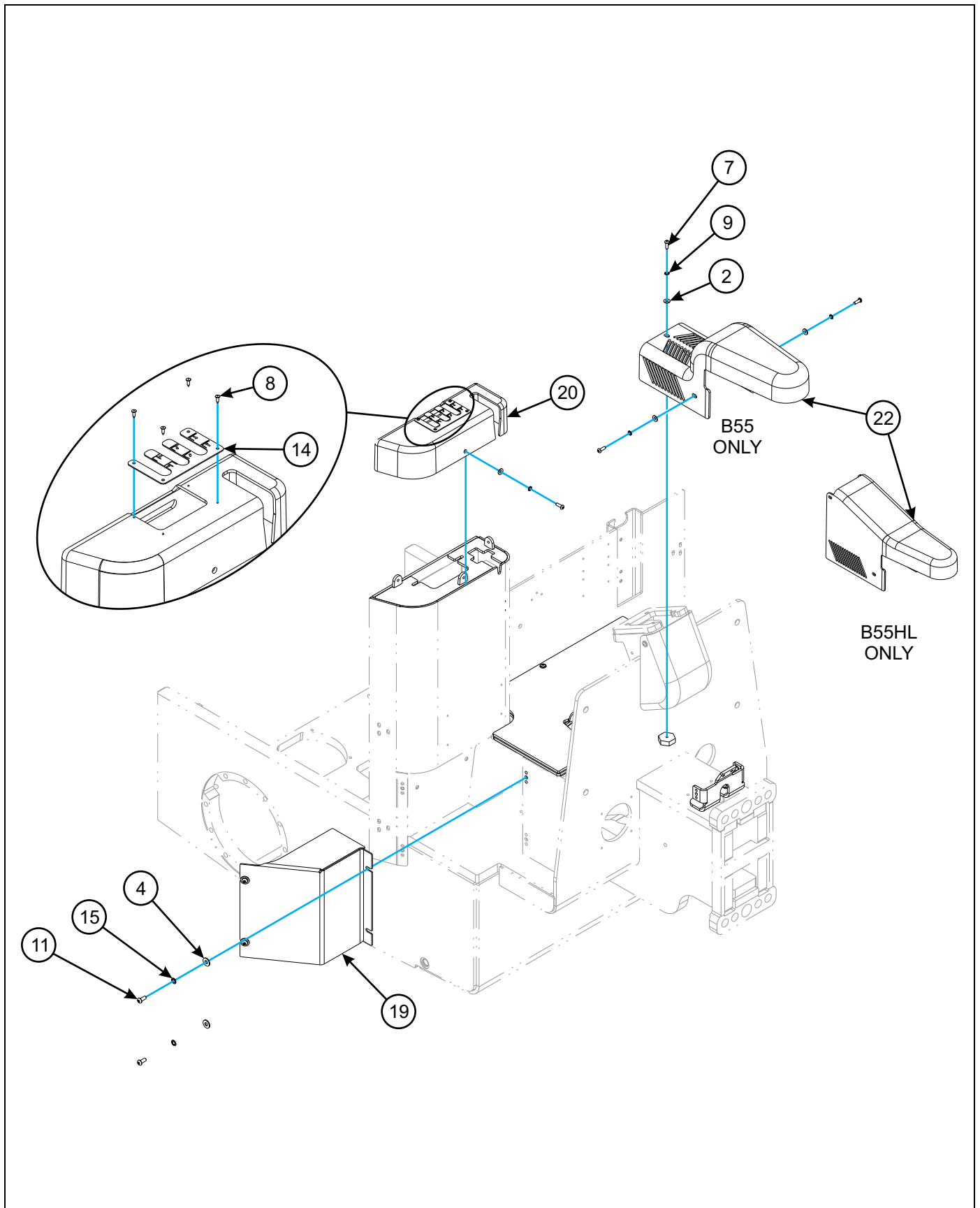
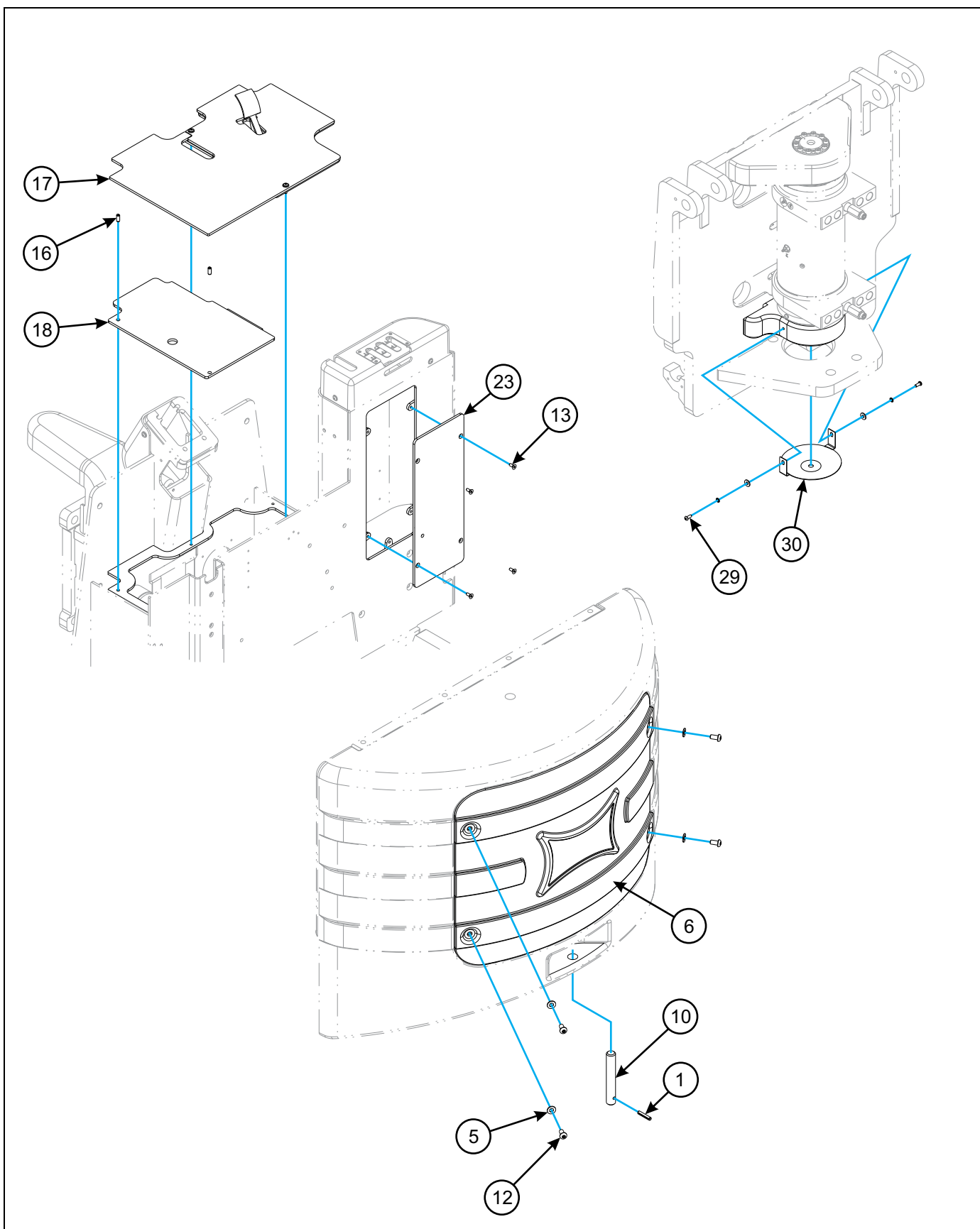


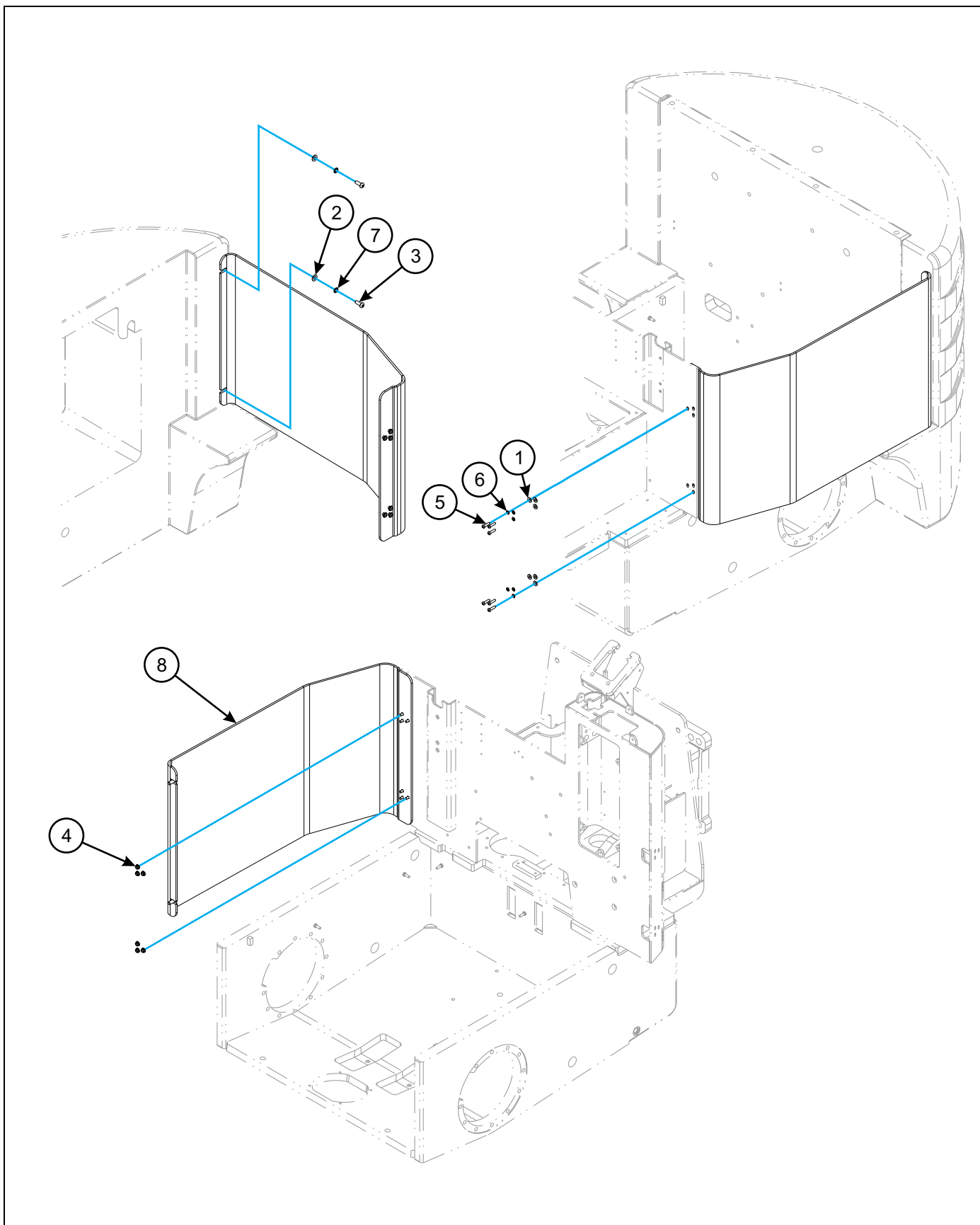
Figure 1-11: Covers and Floorboards Installation (2 of 3)

**Figure 1-12: Covers and Floorboards Installation (3 of 3)**

Covers and Floorboards Installation

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	16**
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
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) (12/22/2012 AND PRIOR)	1
22	183275	COVER, B55 STEERING ROTATION (B55 ONLY) (12/23/2012 AND AFTER)	1
22	165580	COVER, B55HL STEERING ROTATION (B55HL ONLY) (12/03/2012 AND PRIOR)	1
22	145718	COVER, B55HL STEERING ROTATION (B55HL ONLY) (12/04/2012 AND AFTER)	1
23	159792	PLATE, B55 CNTL LINKAGE CVR	1
24	159814	PLATE, B55 LWR STEP	1
25	159815	PLATE, B55 UPR STEP	1
26	108610	SCREW BHSC 1/4-20UNCX1	1
27	108797	WASHER 1/4 LKG INT TOOTH	1
28	152836	PLATE, BT FAN DELETE	1
29	106954	SCREW, BHSC 1/4-20UNCX5/8	2
30	171600	SHIELD, HOSE	1

In the B55HL, the quantities shown with ** have 2 less because of the different steering rotation cover.

**Figure 1-13: Rigid Doors Installation**

Rigid Door Installation

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	NUT SPIRAL 1/4-20HX FG	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

Decals

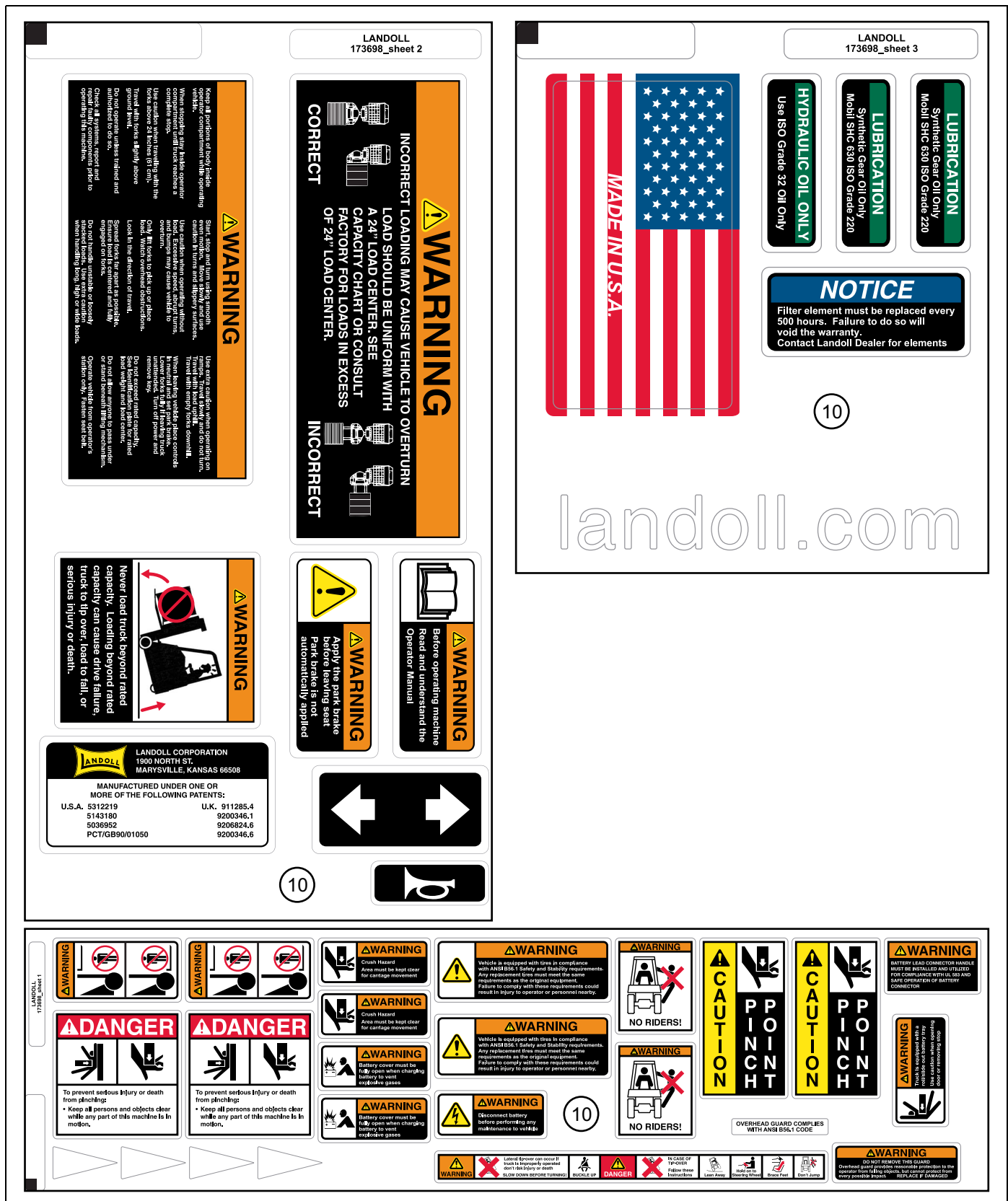


Figure 1-14: Decals (1 of 2)

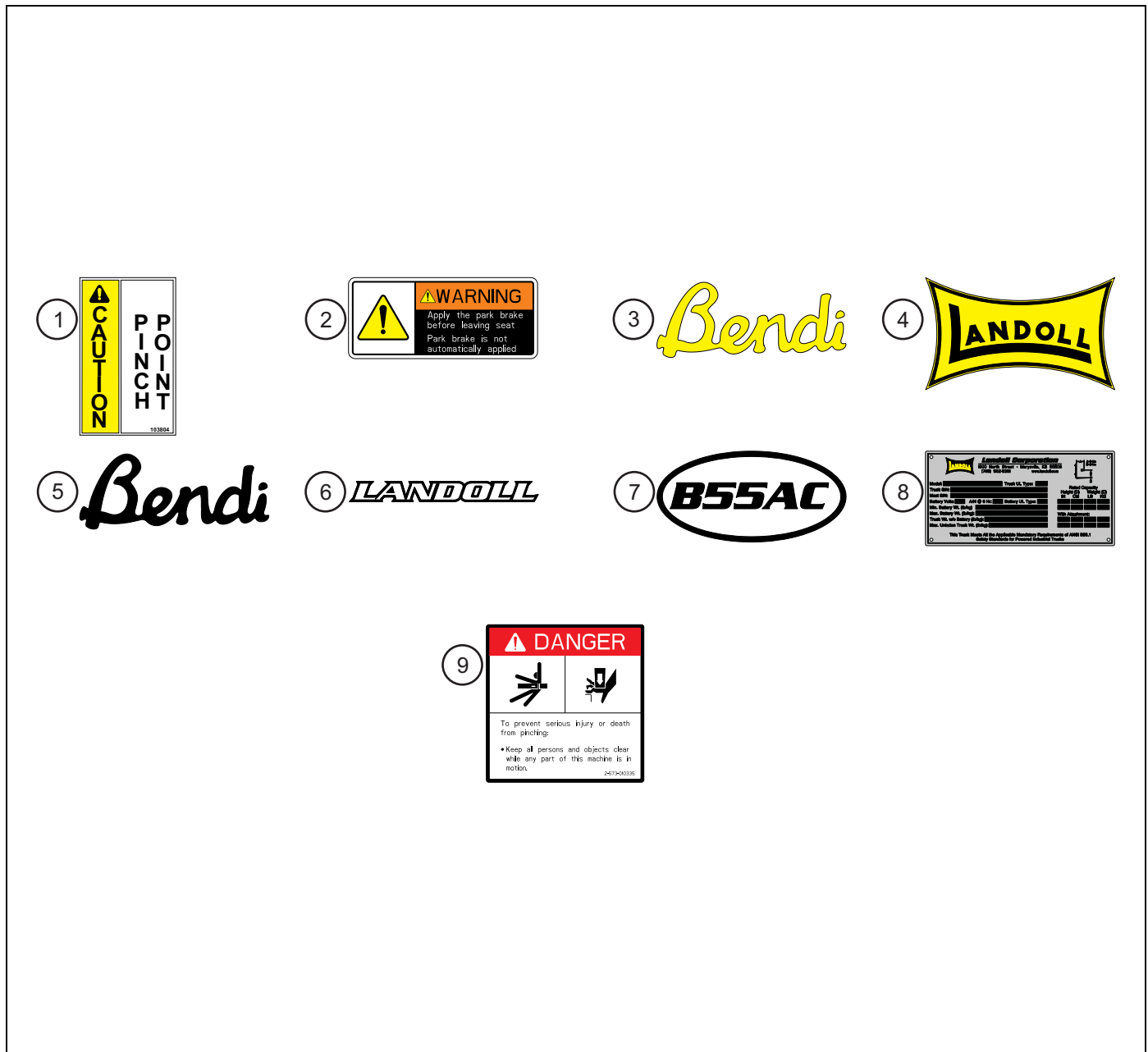


Figure 1-15: Decals (2 of 2)

Decals

ITEM	PART NO.	DESCRIPTION	QTY.
1	103804	DECAL, OHG PINCH PT	2
2	125528	DECAL, APPLY PARK BRAKE	1
3	130602	DECAL,DREXEL YELLOW BENDI 8	2
4	130603	DECAL,DREXEL YELLOW BOW-TIE	1
5	151430	DECAL,BENDI 12 (BLACK)	2
6	152870	DECAL,BLK OUTLINE 20" LANDOLL	2
7	158982	DECAL, B55AC SIDE	2
8	163857	DATA PLATE, LANDOLL FORKLIFT	1
9	2-573-010335	DECAL, DANGER PINCHING	2
10	173698	SAFETY LABELS, BT/B3 (INCLUDES EXTRAS)	1

ILLUSTRATED PARTS LIST

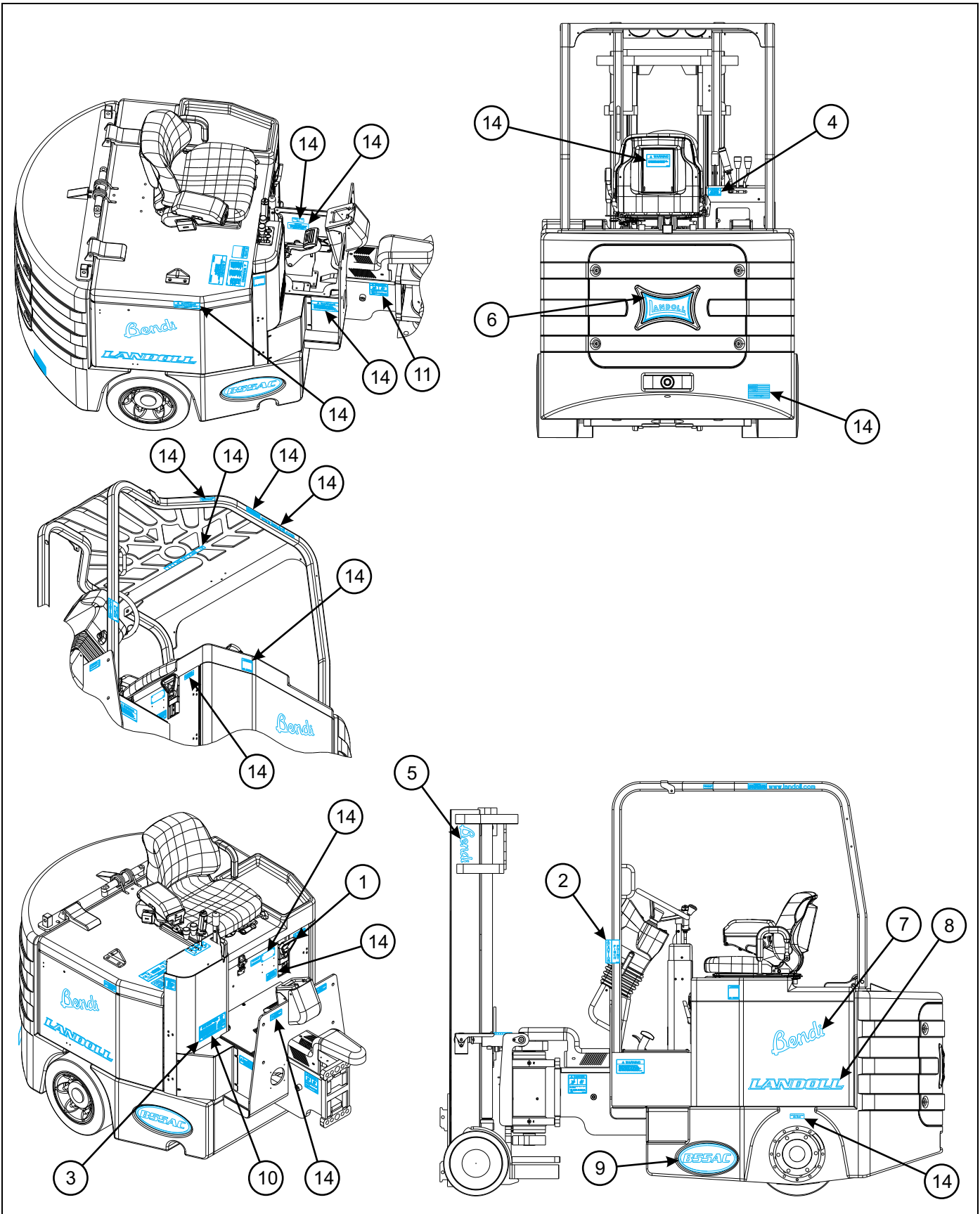


Figure 1-16: Decal Placement

Decal Placement

ITEM	PART NO.	DESCRIPTION	QTY.
1	100218	HANDLE, BATTERY DISCONNECT	1
2	103804	DECAL, OHG PINCH PT	2
3	107-0828	POP RIVET 5/32 CHERRY #BSP52	8
4	125528	DECAL, APPLY PARK BRAKE	1
5	130602	DECAL,DREXEL YELLOW BENDI 8	2
6	130603	DECAL,DREXEL YELLOW BOW-TIE	1
7	151430	DECAL,BENDI 12 (BLACK)	2
8	152870	DECAL,BLK OUTLINE 20" LANDOLL	2
9	158982	DECAL, B55AC SIDE	2
10	163857	DATA PLATE, LANDOLL FORKLIFT	1
11	2-573-010335	DECAL, DANGER PINCHING	2
12	159814	PLATE,B55 LWR STEP (NOT SHOWN)	1
13	159815	PLATE,B55 UPR STEP (NOT SHOWN)	1
14	173698	SAFETY LABELS, BT/B3 (INCLUDES EXTRAS)	1

Electrical

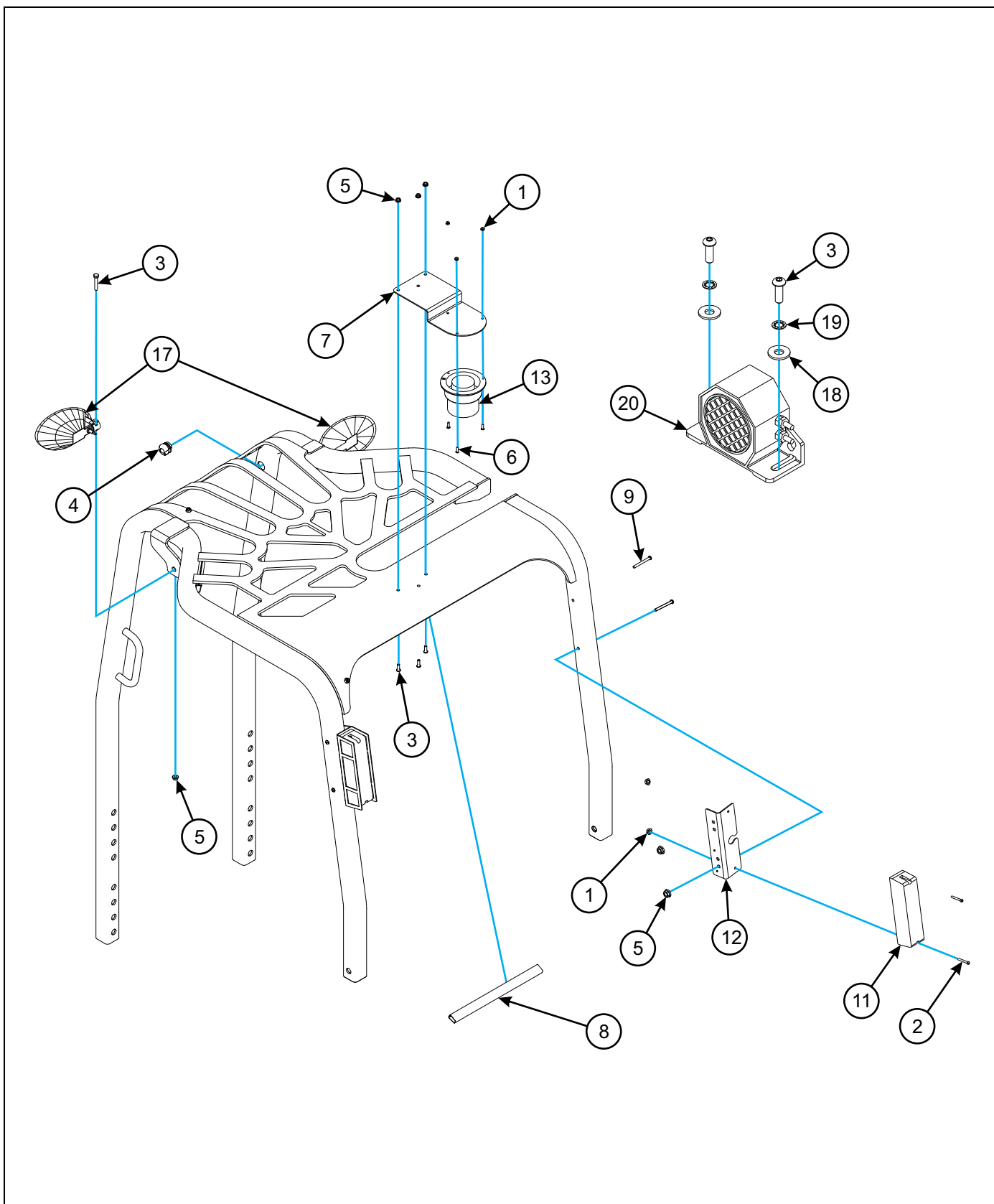


Figure 1-17: Alarm and Lighting

Alarm and Lighting

ITEM	PART NO.	DESCRIPTION	QTY.
1	1-512-010003-06	NUT,HEX,SLFLKG W/NLY 10-24	
2	1-654-010100028	SCREW MACH TRUSS HD 10-24X1	
3	106955	SCREW,BHSC 1/4-20UNCX3/4	
4	108409	BUSHING,STR-THRU STRN RELIEF	
5	108417	NUT SPIRAL 1/4-20HX FG	
6	109394	SCREW, BHSC #10-24UNCX5/8	
7	110289	BRACKET,STROBE MOUNT	
8	110470	SURFACE RACEWAY	
9	115849	SCREW BHSC 1/4-20UNCX2-1/2 ZP	
10	125894	CLAMP, CABLE 5/8 SST (NOT SHOWN)	
11	145817	ASSY, 48V LED TAIL LIGHT	
12	146056	BRACKET, LED TAILLIGHT MNT	
13	146067	ASSY, 12-80V LED STROBE	
14	146160	HARNESS, PM/SL REV LT JMP (NOT SHOWN)	
15	154179	HARNESS, OHG HEAD LT BENDI AC (NOT SHOWN)	
16	154180	HARNESS OHG TAIL LT BENDI AC (NOT SHOWN)	
17	169104	LIGHT,48V SQUARE LED FLOOD	
18	1-861-010032-07	WASHER,FLAT 1/4 ZP	
19	108797	WASHER 1/4 LKG INT TOOTH	
20	117997	ALARM DB ADJ SMART BACKUP (SEE PAGE 1-32)	
20	143573	ALARM, 12-80VDC 87DBA (SEE PAGE 1-32)	
20	158471	ALARM, 102dBA 12-48V BACK-UP (SEE PAGE 1-32)	

Quantities not shown due to the variety of Lighting and Alarm Kit Options

ILLUSTRATED PARTS LIST

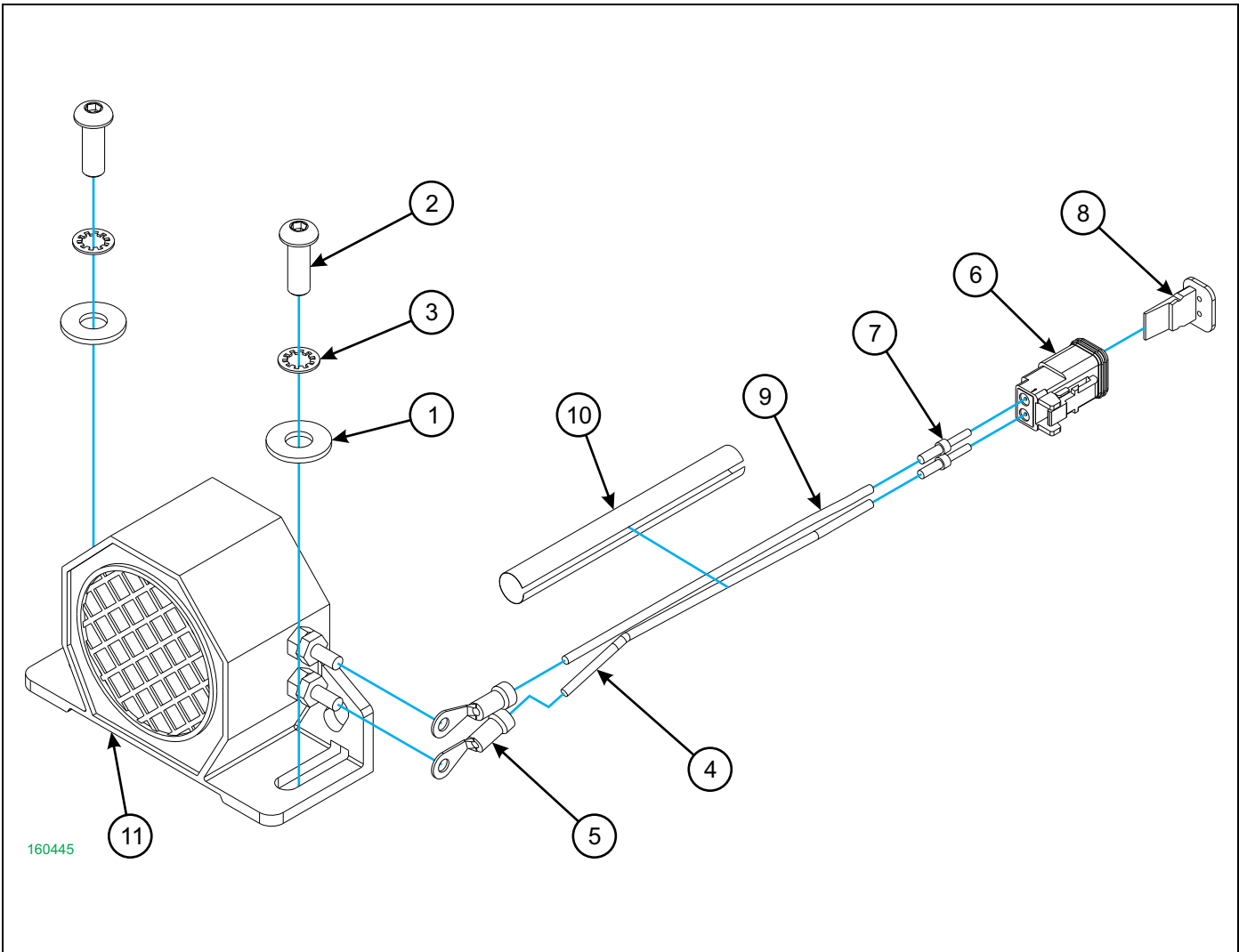


Figure 1-18: Back-Up Alarm Components

Back-up Alarm Components

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	622-2967-018	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	
11	117997	ALARM DB ADJ SMART BACKUP	
11	158471	ALARM, 102dBA 12-48V BACK-UP	

Quantities vary according to alarm option.

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ILLUSTRATED PARTS LIST

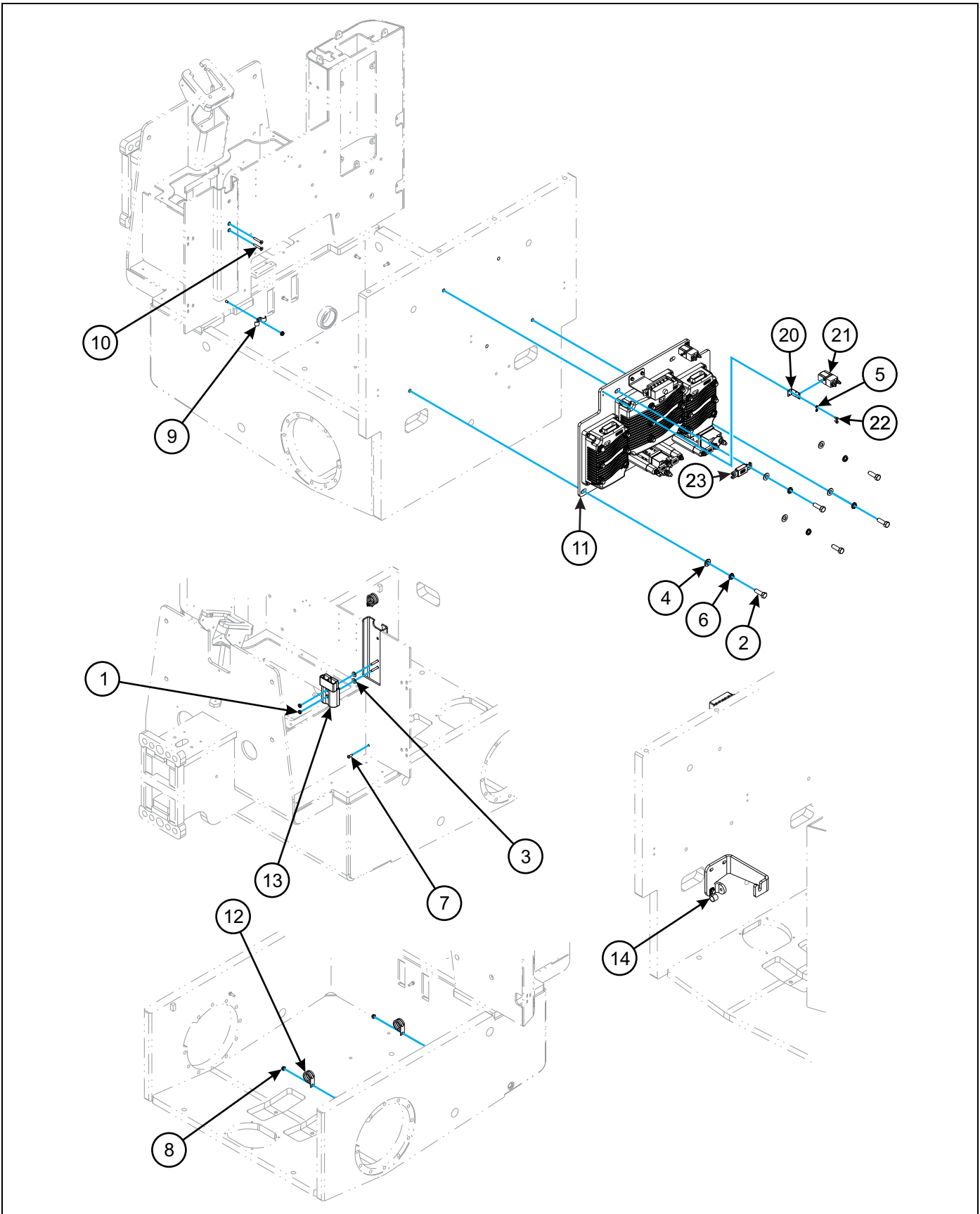
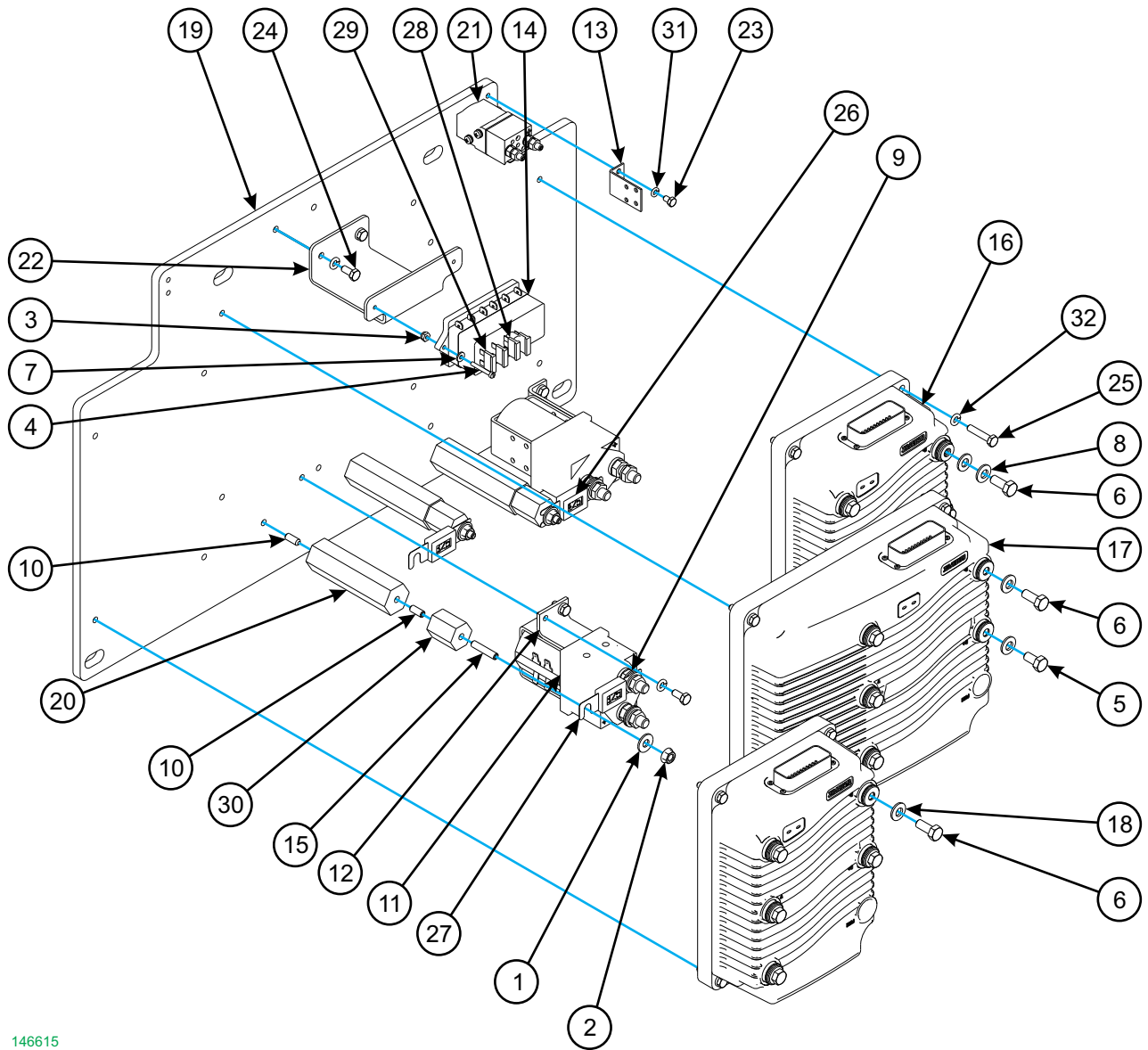


Figure 1-19: Control Panel Installation

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	108610	SCREW BHSC 1/4-20UNCX1	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 1-36)	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 SLEEVE X2-7/8 (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
23	182627	FUSE, 700A ANN	1

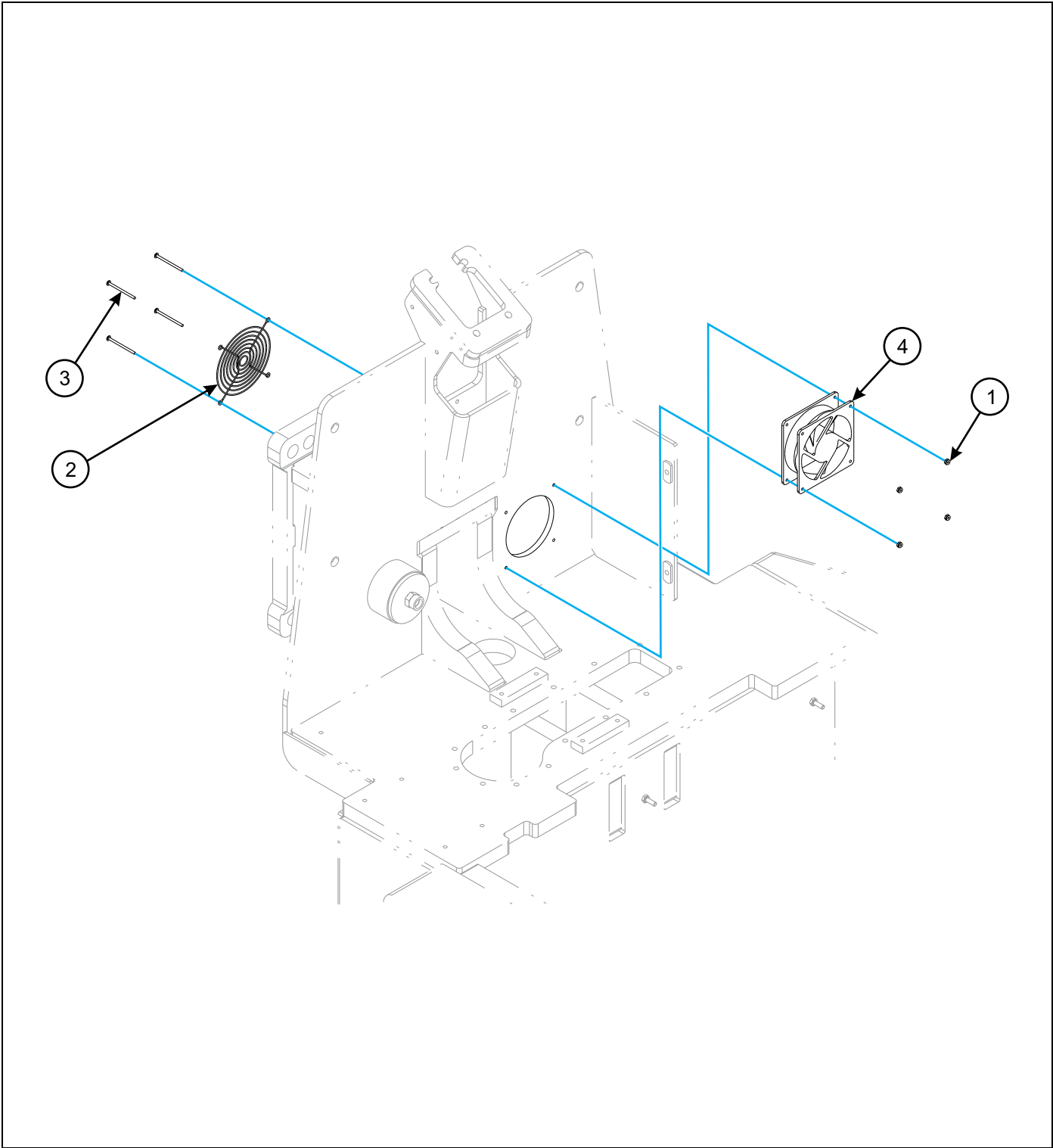


146615

Figure 1-20: Controller Panel Assembly

Controller Panel Assembly

ITEM	PART NUMBER	DESCRIPTION	QTY.
	146615	ASSY, BENDI AC PANEL	
1	1-861-010032-07	WASHER, FLAT 1/4 ZP	3
2	108417	NUT SPIRAL 1/4-20HX FG	6
3	1-512-010003-02	NUT, HEX, SLFLKG W/NYL #6-32	2
4	1-654-010024011	SCREW MACH 6-32X1 MACH SLT FL	2
5	1-654-010166-03	SCREW M8-1.25X16 HCS 8.8 ZP	12
6	1-654-010166-04	SCREW M8-1 25X20 HCS 8.8 ZP	3
7	1-861-010032-01	WASHER, FLAT #6 ZP/CD	4
8	1-861-010032-08	WASHER, FLAT 5/16 ZP	4
9	1-861-010032-10	WASHER, FLAT 3/8" N ZP/CD	6
10	107-0984	SCREW, SET 3/8-16UNCX.75KNRLCPT	6
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



Cooling Fan Installation

ITEM	PART NO.	DESCRIPTION	QTY.
1	1-512-010003-02	NUT,HEX,SLFLKG W/NYL #6-32	4
2	101275	GRILL, LIFTTRUCK FAN	1
3	101863	SCREW 6-32X2-1/4	4
4	130667	FAN,SER 4 135 CFM COOLING 4"	1

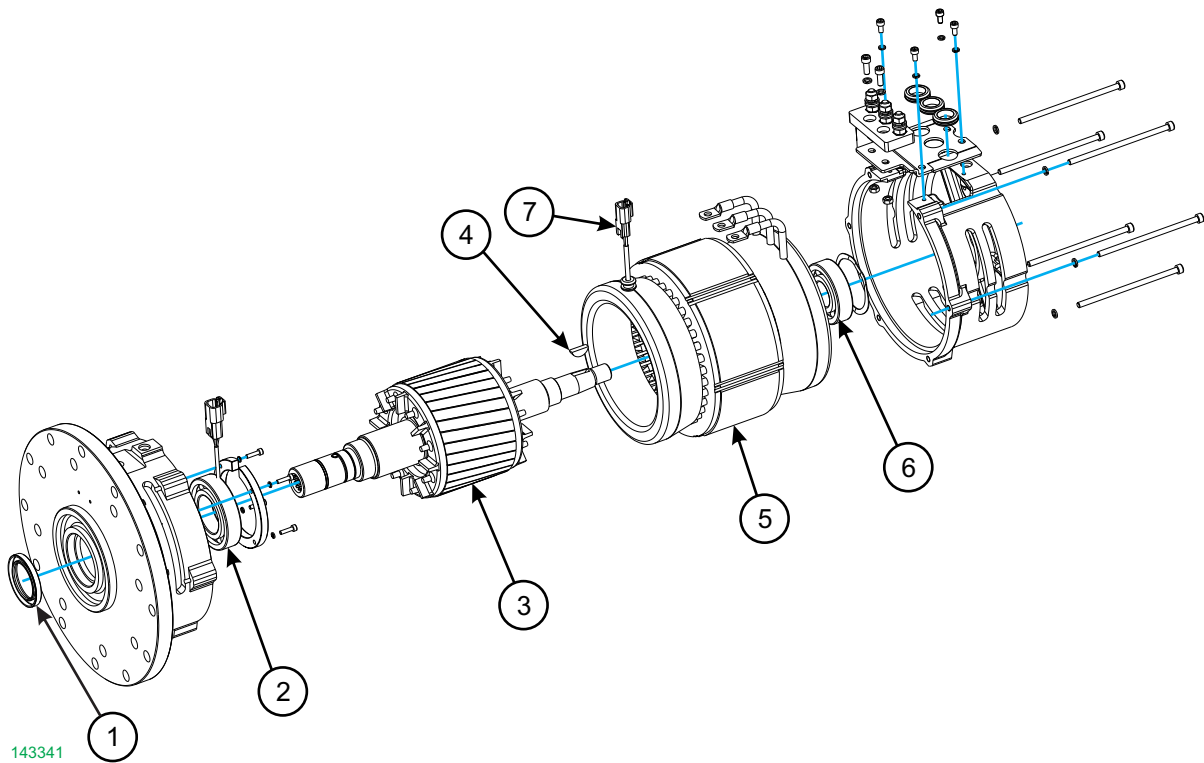


Figure 1-21: Drive Motor Assembly, AC Shaft

Drive Motor Assembly, AC Shaft to S/N 08424

ITEM	PART NUMBER	DESCRIPTION	QTY.
	143341	MOTOR,5.7KW AC FLANGE MOTOR	
1	155325	SEAL,BT AC DRIVE MTR SHFT	1
2	155294	BEARING,BTAC 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

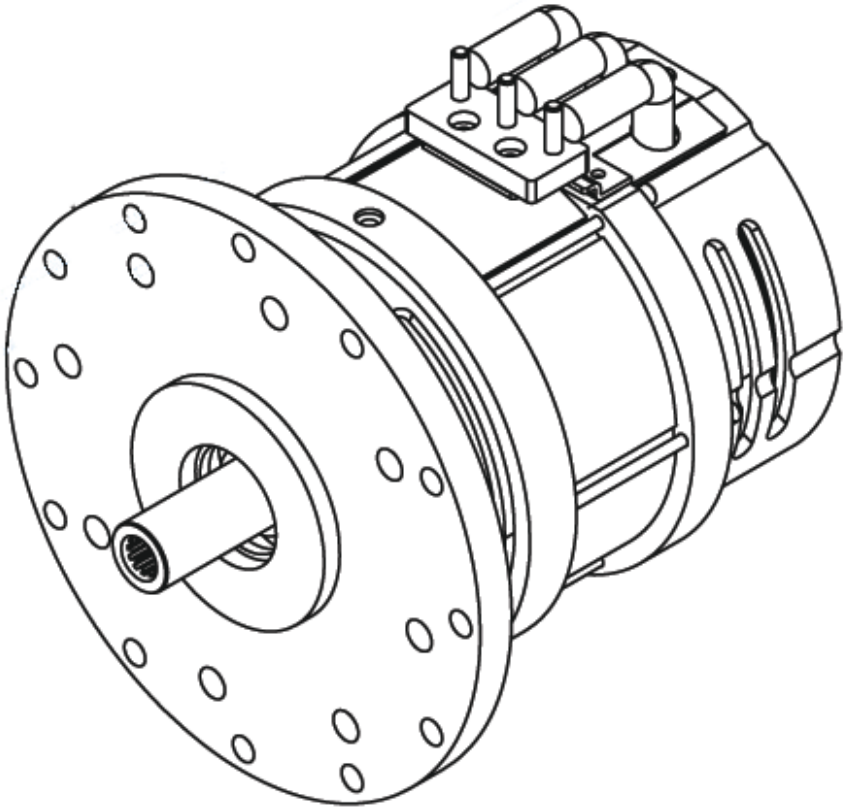


Figure 1-22: Drive Motor Assembly, AC Shaft

Drive Motor Assembly, AC Shaft from S/N 08520 - 08833

ITEM	PART NUMBER	DESCRIPTION	QTY.
	176171	MOTOR,5.7KW AC DR EXT SENS B40	

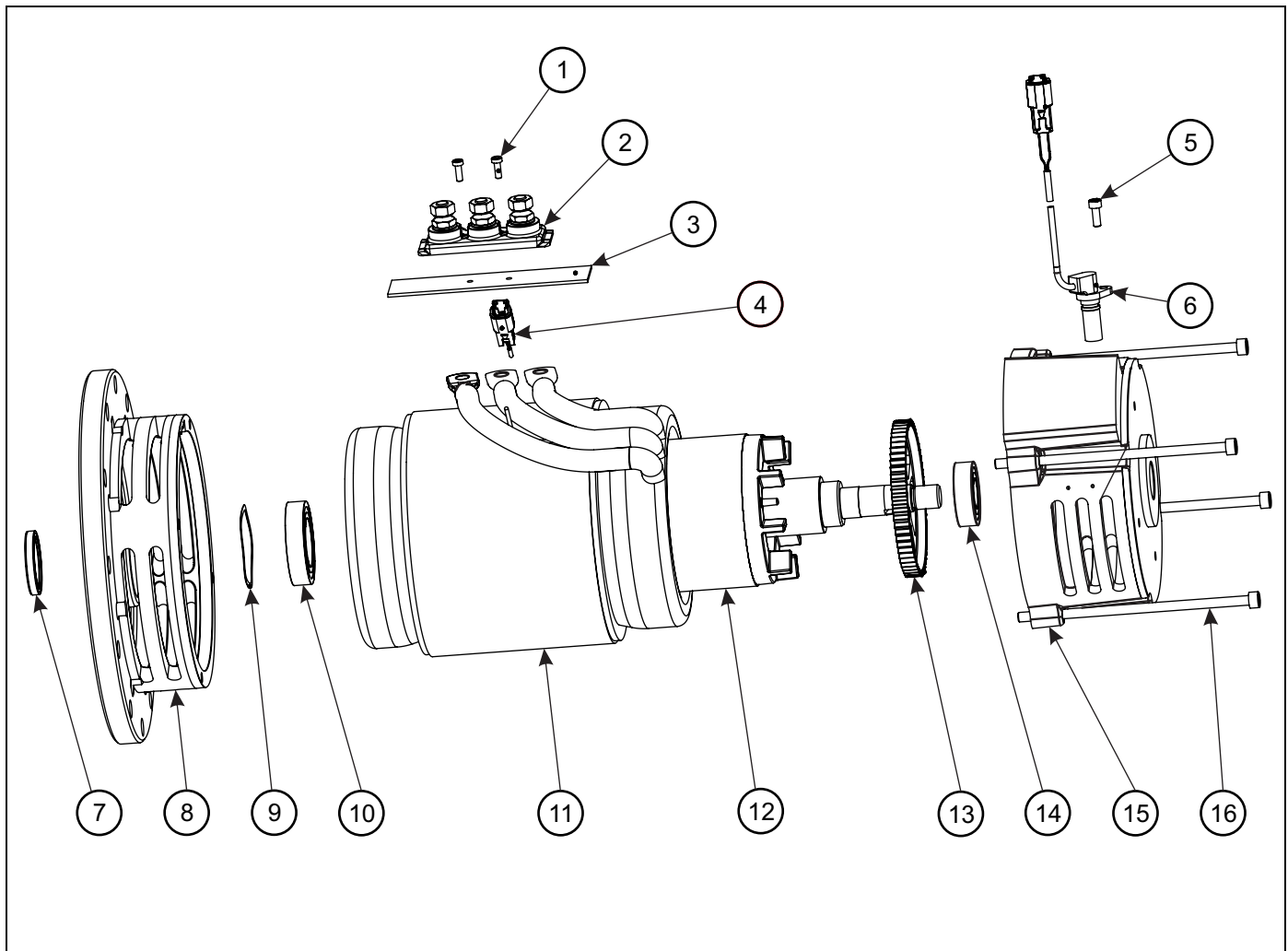


Figure 1-23: Drive Motor Assembly, AC Shaft

Drive Motor Assembly, AC Shaft from S/N 08920 - Current

ITEM	PART NUMBER	DESCRIPTION	QTY.
	157505	MOTOR, SCH 7KW AC TRAC B55/HL	
1	199687	SCREW DIN6912 M5X14-8.8	2
2	199685	TERMINAL BOARD 3POLIG	1
3	199686	TERMINAL BASE	1
4	170141	TEMP SENSOR CPL KTY84-130 DTM	1
5	170130	CYL SCRW DIN912 M6X16-8.8-A1P	1
6	170129	SENSOR, SCH MOTOR SPD/DIR	1
7	170122	SHAFT SEAL 38X52X7 BA	1
8	199688	DRIVE END SHIELD 200	1
9	170123	WAVY-WASHER KAS 67-K3	1
10	199689	BALL BEARING 6008 2ZC3 HL	1
11	199684	STATOR 200	4
12	199693	ROTOR 200-AS	1
13	170127	GEAR WHEEL SENSOR 200-64	1
14	199691	BALL BEARING 6205 2RSC3 HL	1
15	199690	NON DIRVE END SHIELD 200-AS	1
16	199692	SCREW DIN912 M8X190-8.8A1P	1

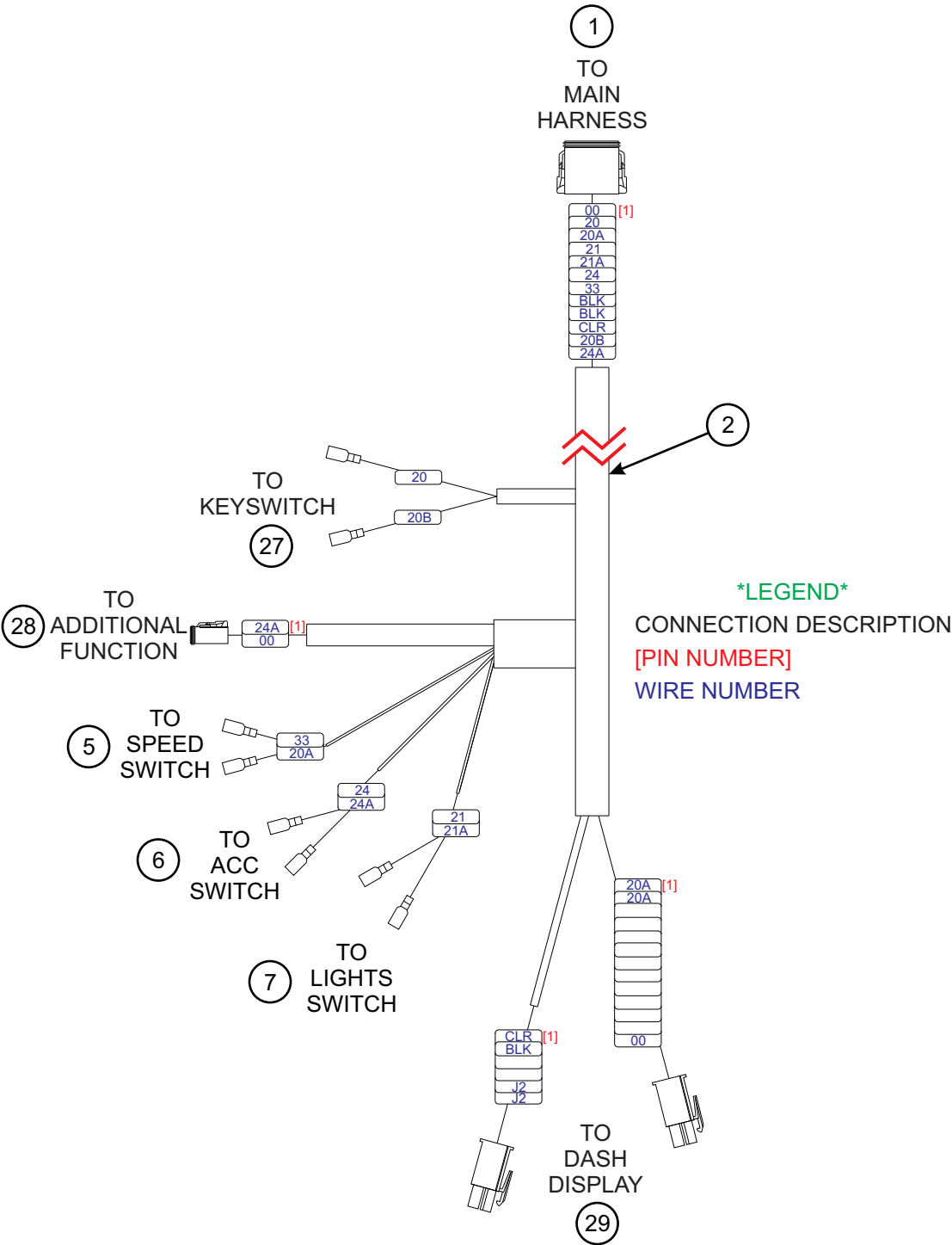


Figure 1-24: Light Wiring Diagrams (1 of 4)

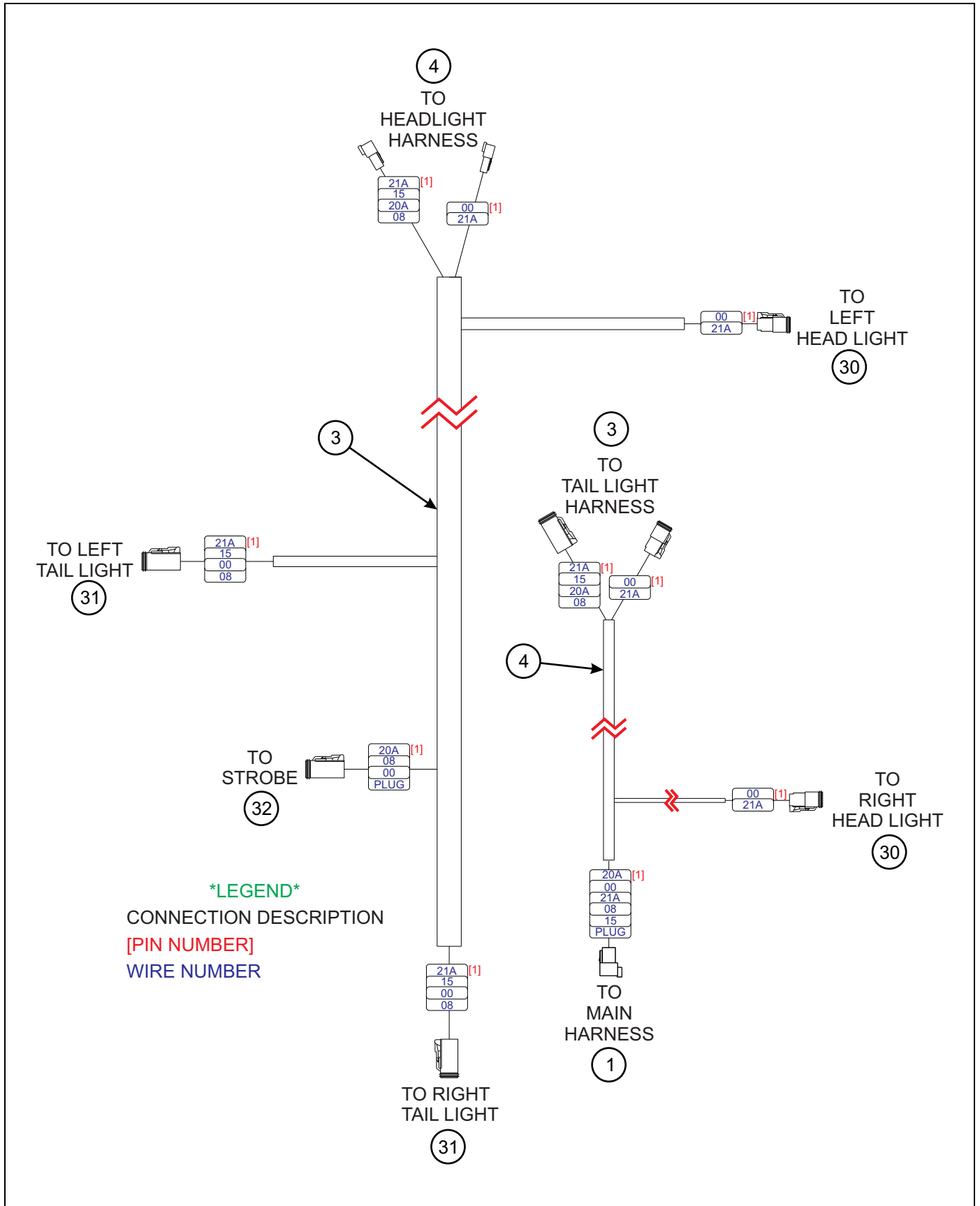


Figure 1-25: Light Wiring Diagrams (2 of 4)

ILLUSTRATED PARTS LIST

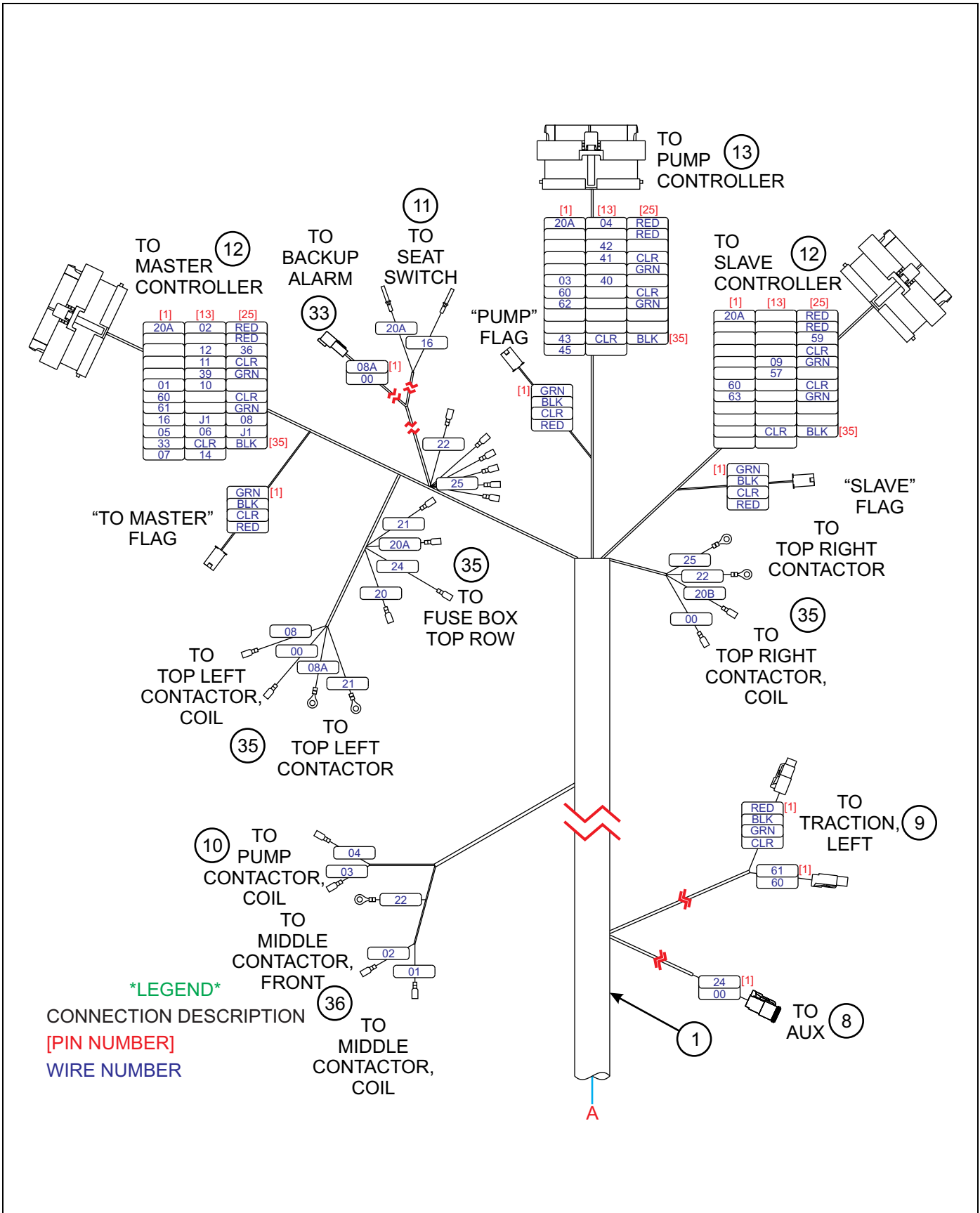


Figure 1-26: Light Wiring Diagrams (3 of 4)

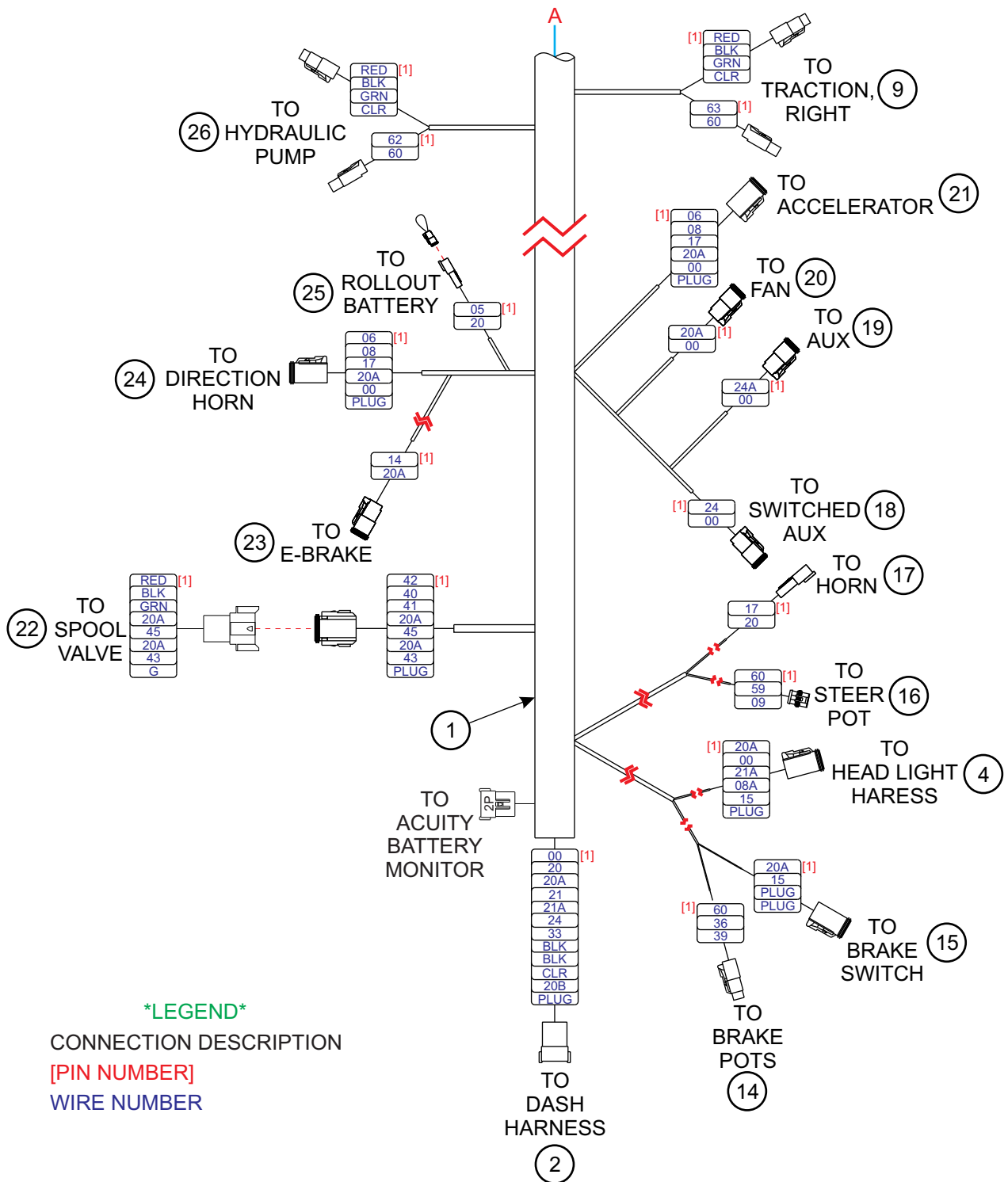


Figure 1-27: Light Wiring Diagrams (4 of 4)

ILLUSTRATED PARTS LIST**Light Wiring Diagrams**

ITEM	PART NO.	DESCRIPTION	QTY.
1	146127	HARNESS B55 MAIN	1
2	151398	HARNESS, SER V DASH	1
3	154180	HARNESS OHG TAIL LT BENDI AC	1
4	154179	HARNESS, OHG HEAD LT BENDI AC	1
5	128085	SWITCH (SEE PAGE 1-113)	1
6	128083	SWITCH (SEE PAGE 1-113)	1
7	128093	SWITCH (SEE PAGE 1-113)	1
8		OPTIONAL FUNCTION (HAVE S/N READY)	
9		MOTOR,5.7KW AC FLANGE MOTOR (SEE PAGE 1-39-1-41)	1
10	143542	CONTACTOR, SW200 W/ DUST SHLD (RIGHT MOST) (SEE PAGE 1-37)	1
11	154575	SEAT, VINYL ADJ ARM W/SWVL (SEE PAGE 1-112)	1
12	146295	CONTROLLER, 48V 350A AC MOTOR (LEFT MOST) (SEE PAGE 1-37)	1
13	146296	CONTROLLER, 48V 650A AC MOTOR (SEE PAGE 1-37)	1
14	155689	ASSY, AC LIFTTRUCK BRAKE POT (SEE PAGE 1-5)	1
15	113089	SWITCH ASSY,BRK LGT/ACLTR C/O (SEE PAGE 1-5)	1
16	145962	POT,CONTINUOUS ROTATION 5K (SEE PAGE 1-90)	1
17	116144	HORN, BT ELECTRONIC (SEE PAGE 1-90)	1
18		OPTIONAL FUNCTION (HAVE S/N READY)	
19		OPTIONAL FUNCTION (HAVE S/N READY)	
20	130667	FAN,SER 4 135 CFM COOLING 4" (SEE PAGE 1-38)	1
21	151471	ACCEL,CURTIS FP6 W/ PLUG (SEE PAGE 1-105)	1
22	154004	VALVE, 3SPL HUSCO AX30454-180	1
23	113535	SWITCH,E-BRAKE CUTOUT (SEE PAGE 1-9)	1
24	162949	HANDLE,DIR/HORN LIFT LEVER (SEE PAGE 1-106)	1
25	159800	RESTRAINT ASY,B55 ROLLOUT BAT (SEE PAGE 1-125)	1
26		MOTOR,AC LIFT PUMP (SEE PAGES 1-49 through 1-51)	1
27	135617	KEYSWITCH,2POSITION,HEAVYDUTY (SEE PAGE 1-116)	1
28		OPTIONAL FUNCTION (HAVE S/N READY)	
29	146297	DISPLAY, ENGAGE IV DASH (SEE PAGE 1-116)	1
30	169104	HEADLIGHT ASSY,LH 12V (SEE PAGE 1-31)	2
31	145817	TAIL LIGHT ASSY,12V BT (SEE PAGE 1-31)	1
32	146067	ASSY,STROBE LIGHT (SEE PAGE 1-31)	1
33	160445	FEATURE,BENDI B55 BACK-UP ALM (SEE PAGE 1-32)	1
34	146061	HOLDER, COVERED 6 FUSE (SEE PAGE 1-37)	1
35	152144	CONTACTOR,SW60 48V DC ENCLSD (SEE PAGE 1-37)	1
36	143542	CONTACTOR, SW200 W/ DUST SHLD (MIDDLE) (SEE PAGE 1-37)	1
37	173891	HARNESS, STEER POT TRIM RES (NOT SHOWN)	1

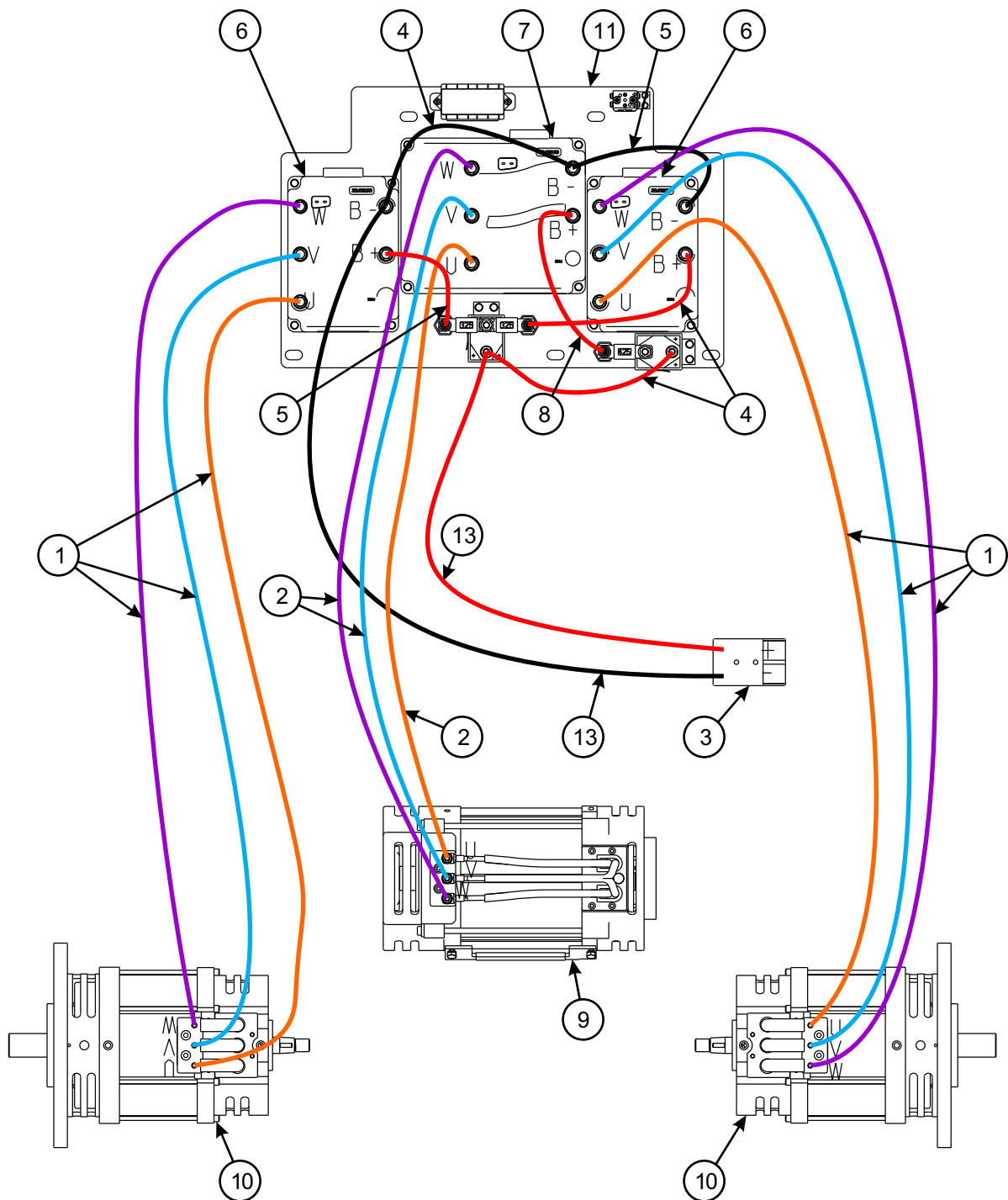


Figure 1-28: Heavy Cable Diagram

ILLUSTRATED PARTS LIST

Heavy Cable Diagram

ITEM	PART NO.	DESCRIPTION	QTY.
1	114610	CABLE ASSY 1/0X36	6
2	178323	CABLE ASSY,4/0 X 70 HI-TEMP	3
3	30008	CONNECTOR BATTERY SB350 BLUE (SEE PAGE 1-35)	REF
4	178322	CABLE ASSY, 4/0 X 13 HI-TEMP	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	178321	CABLE ASSY, 4/0 X 9 HI-TEMP	1
9		MOTOR,AC LIFT PUMP (SEE PAGES 1-49-1-51)	REF
10		MOTOR,5.7KW AC FLANGE MOTOR (SEE PAGES 1-39-1-41)	REF
11	146615	ASSY, BENDI AC PANEL	REF
12	127072	BOOT, RED,HIGH-TEMP,INSULATOR (NOT SHOWN)	9
13	178315	CABLE ASSY,4/0 X 78 MAIN LEAD	2
14	178321	CABLE ASSY,4/0 X 9	1
15	178322	CABLE ASSY,4/0 X 13	1

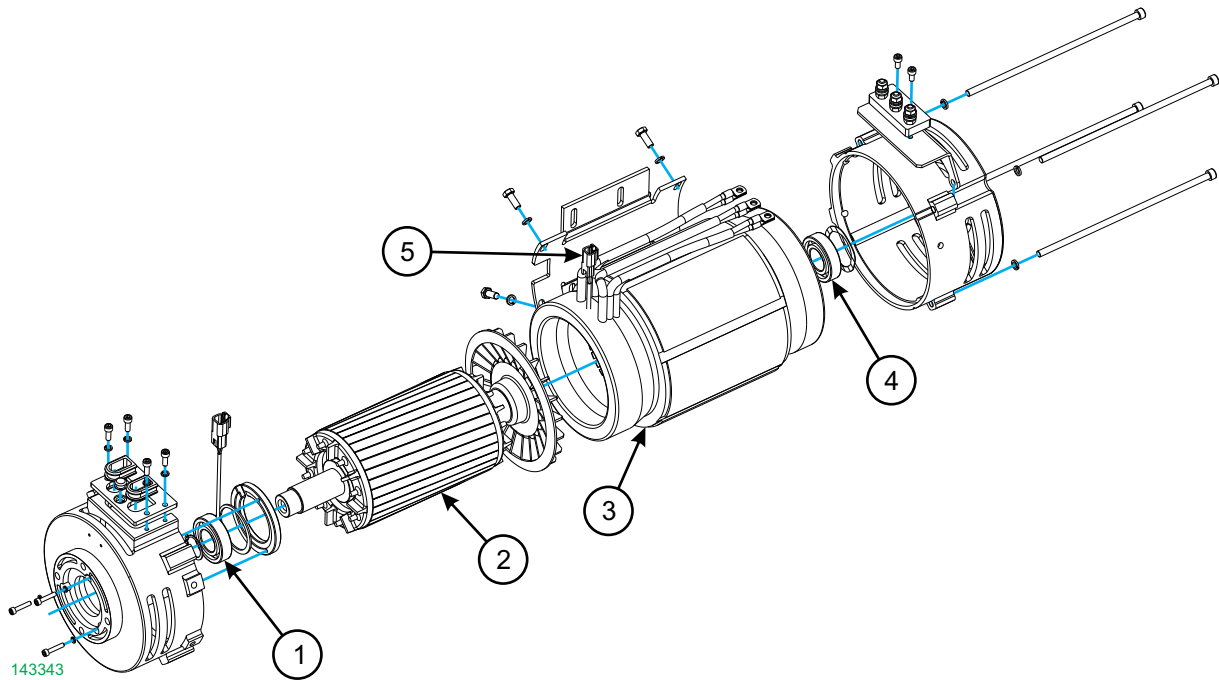


Figure 1-29: Lift Pump Motor Assembly

Lift Pump Motor Assembly from S/N 06208 - 08155

ITEM	PART NUMBER	DESCRIPTION	QTY.
	143343	MOTOR,AC LIFT PUMP	
1	178149	KIT, 143343 SENSOR BEARING	1
2	155330	ROTOR,AC PUMP MTR	1
3	155331	STATOR,AC PUMP MTR	1
4	155293	BEARING,BT AC PUMP MTR	1
5	155296	SENSOR, AC MOTOR THERMAL	1

ILLUSTRATED PARTS LIST

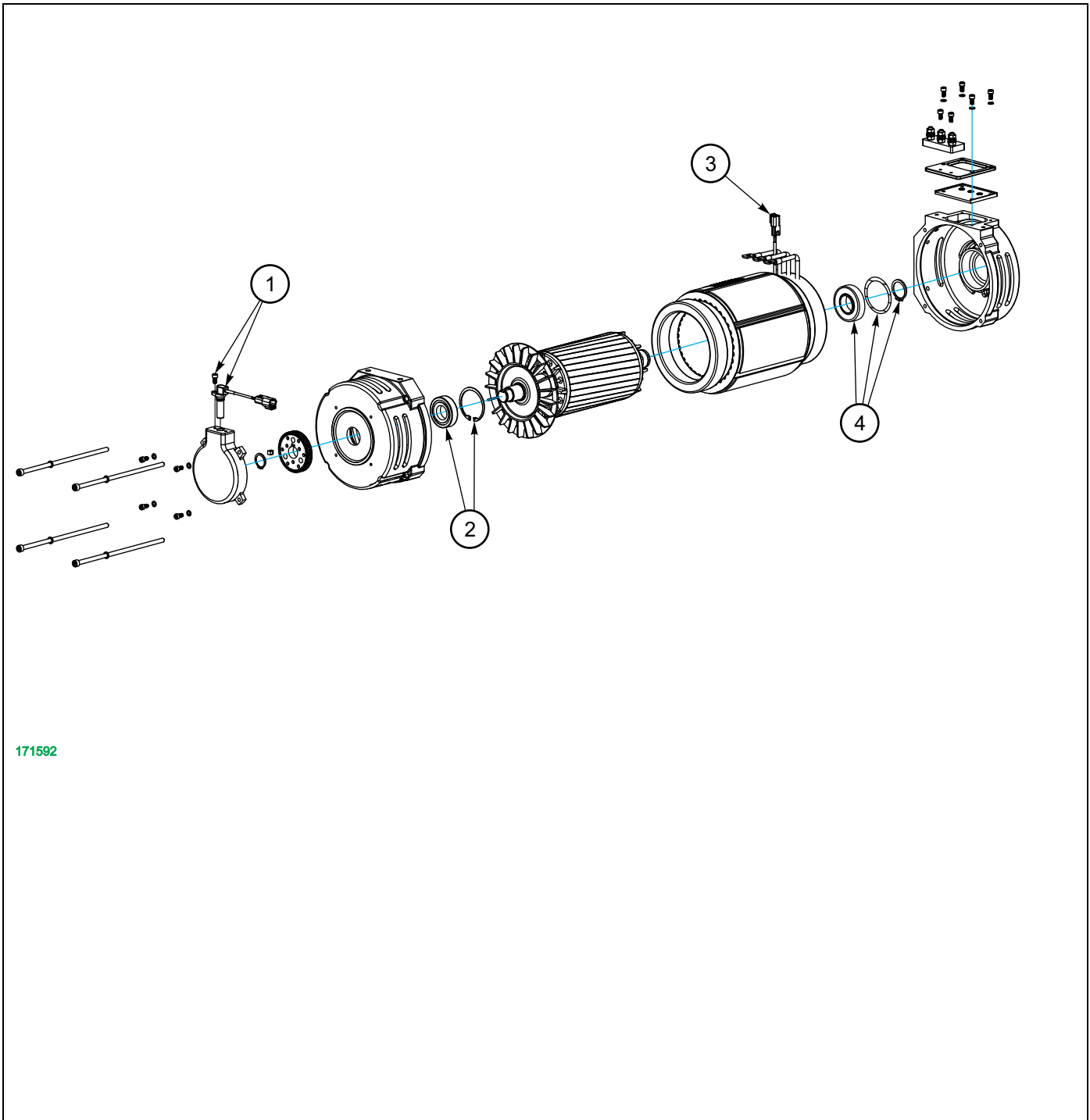


Figure 1-30: Lift Pump Motor Assembly

Lift Pump Motor Assembly from S/N 08267 - 08833

ITEM	PART NUMBER	DESCRIPTION	QTY.
	171592	MOTOR,LIFT AMD 9TH EXT SENS	
1	182955	ASSY, BT/SLTAC PUMP ENCODER	1
2	183334	KIT,171592 DRIVE END BEARING	1
3	155296	SENSOR, AC MOTOR THERMAL	1
4	183333	KIT,171592 CLOSED END BEARING	1



Lift Pump Motor Assembly S/N 08920 - Current

ITEM	PART NUMBER	DESCRIPTION	QTY.
	163960	MOTOR,SCH 20KW AC PUMP	
1	144599	PIN SIZE 20 DEUTSCH	6
2	150665	RECEPTACLE 2 PIN SIZE 20	1
3	150666	LOCK RECEPTACLE 2 PIN	1
4	150669	RECEPTACLE 4 PIN SIZE 20	1
5	150670	LOCK RECEPTACLE 4 PIN	1
6	170124	BALL BEARING 6008 2ZC3 HL	1
7	170127	GEAR WHEEL SENSOR 200-64	1
8	170129	SENSOR COMPLETE	1
9	170130	CYL SCRW DIN912 M6X16-8.8-A1P-	1
10	170134	STATOR 200	1
11	170135	CIRCLIP DIN 472-68X2, 5	1
12	170136	BALL BEARING 6206 2ZC3 HL	1
13	170137	WAVY WASHER 6206K3	1
14	170138	O-RING 62X2, 0	1
15	170139	ROTOR 200-AS	1

Hydraulics

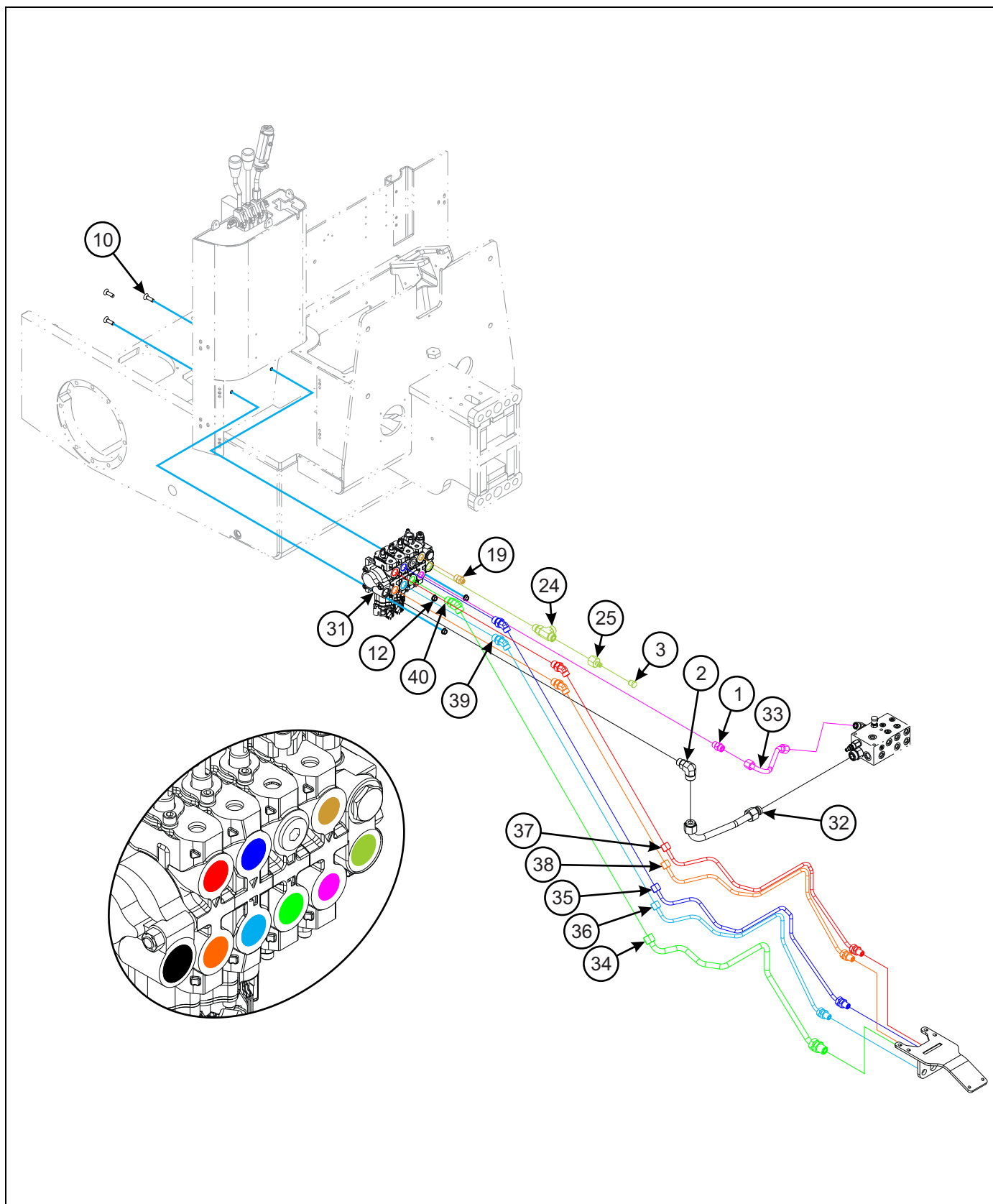


Figure 1-32: Control Valve Installation - B55 Only (1 of 2)

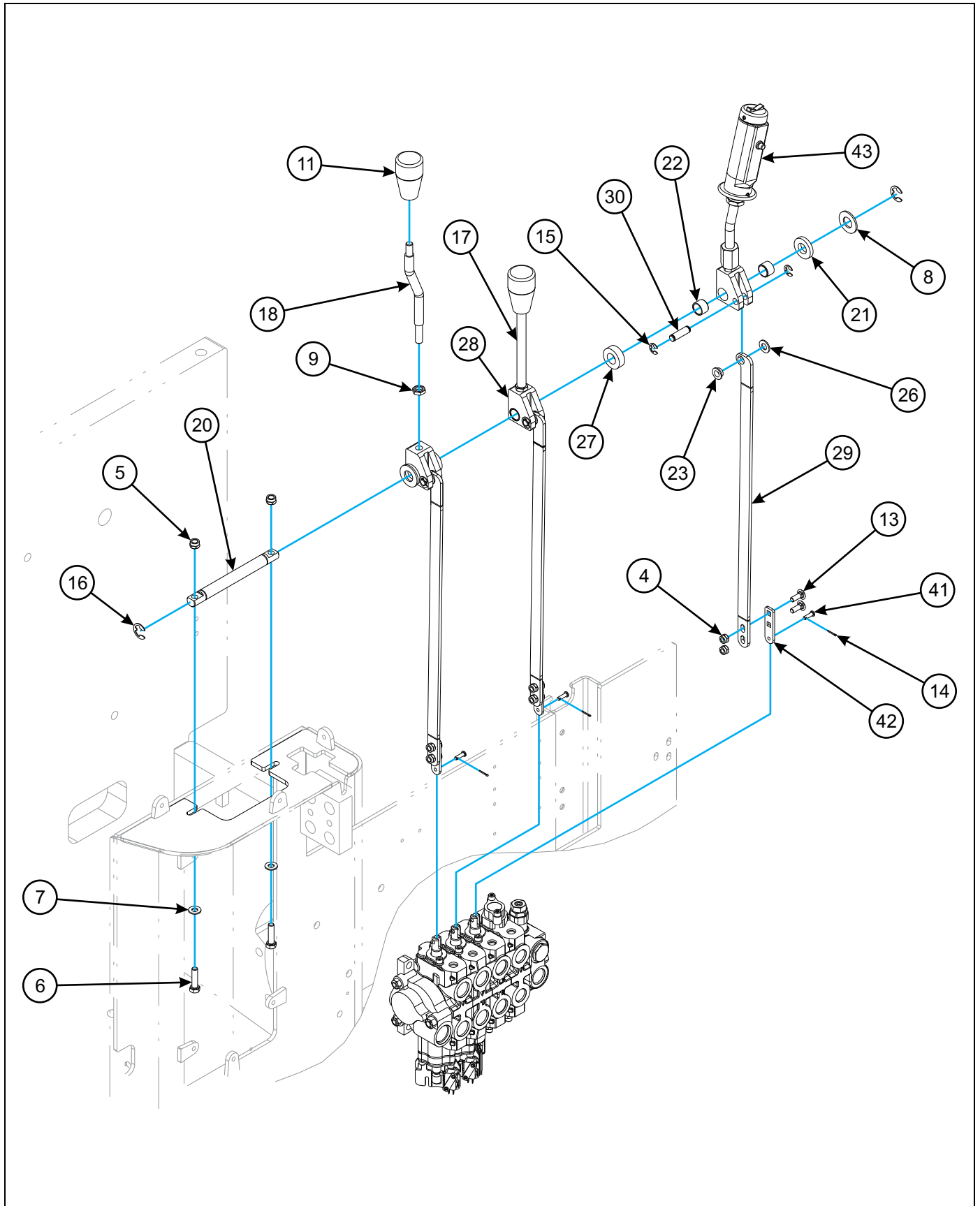


Figure 1-33: Control Valve Installation - B55 Only (2 of 2)

ILLUSTRATED PARTS LIST

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	169057	LEVER B55 TILT	1
18	169058	LEVER B55 SIDESHIFT	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	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
45	57081	TY-RAP WITH MARKING PAD (NOT SHOWN)	1

[illegible]

ILLUSTRATED PARTS LIST

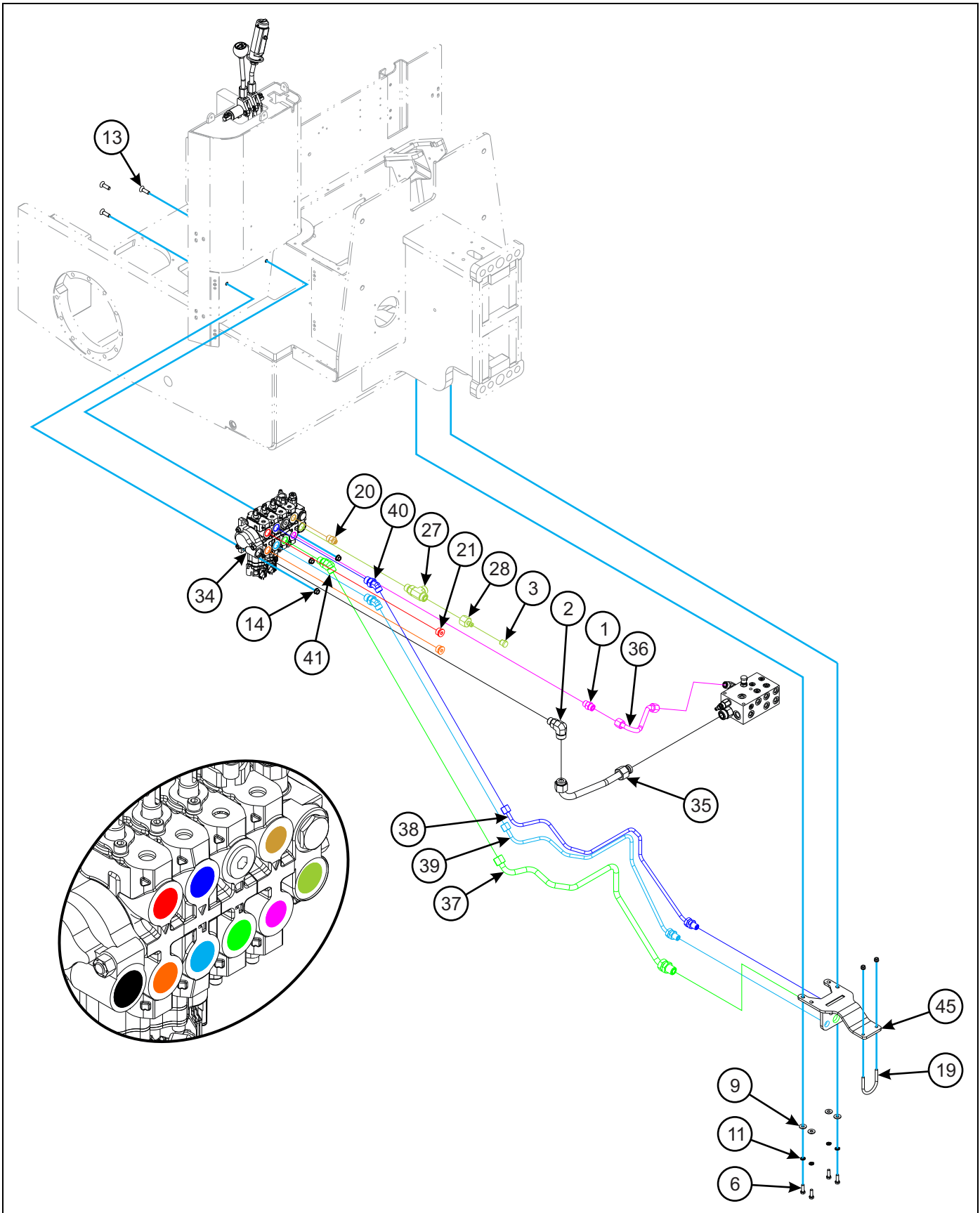


Figure 1-34: Control Valve Installation - B55HL Only (1 of 2)

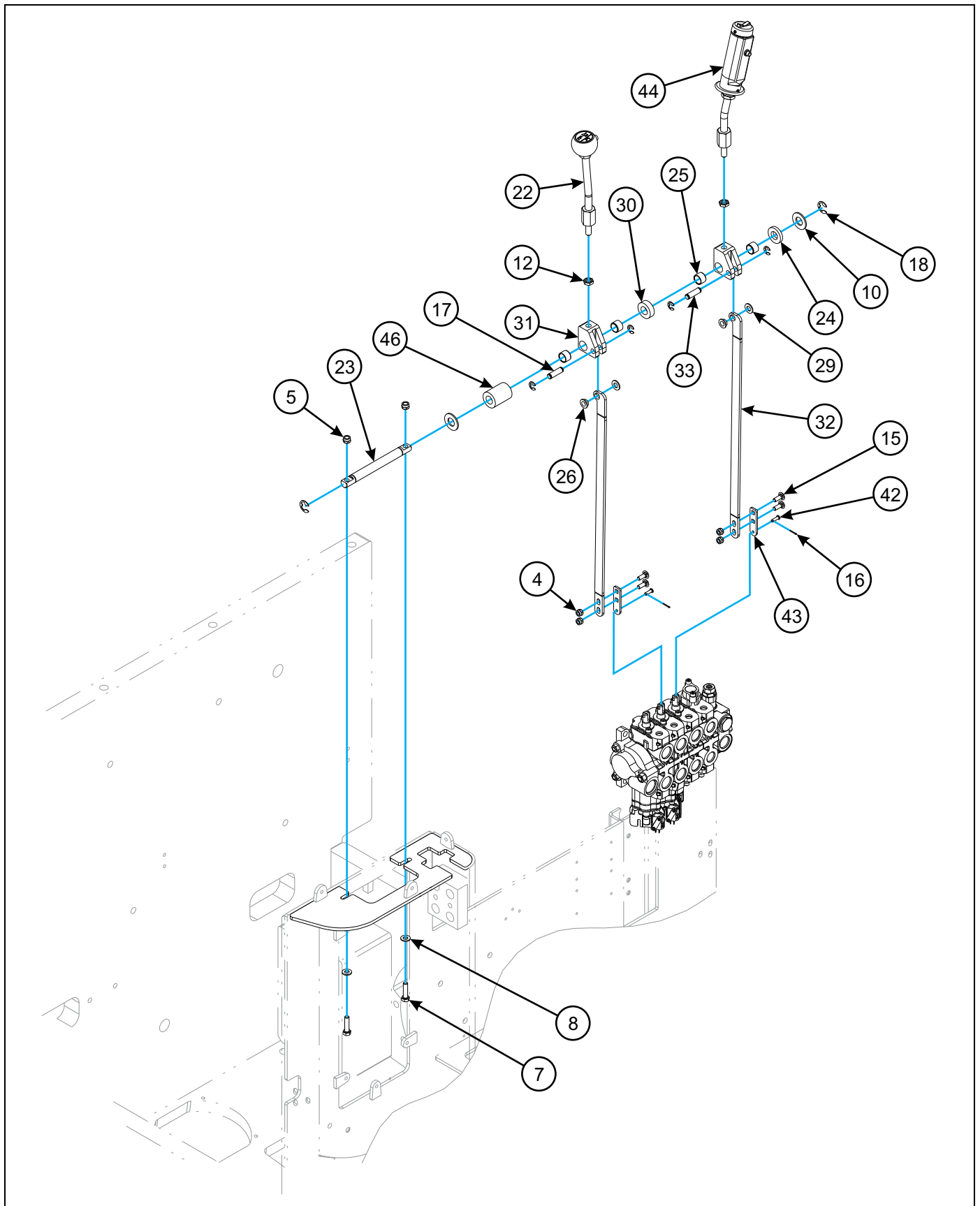
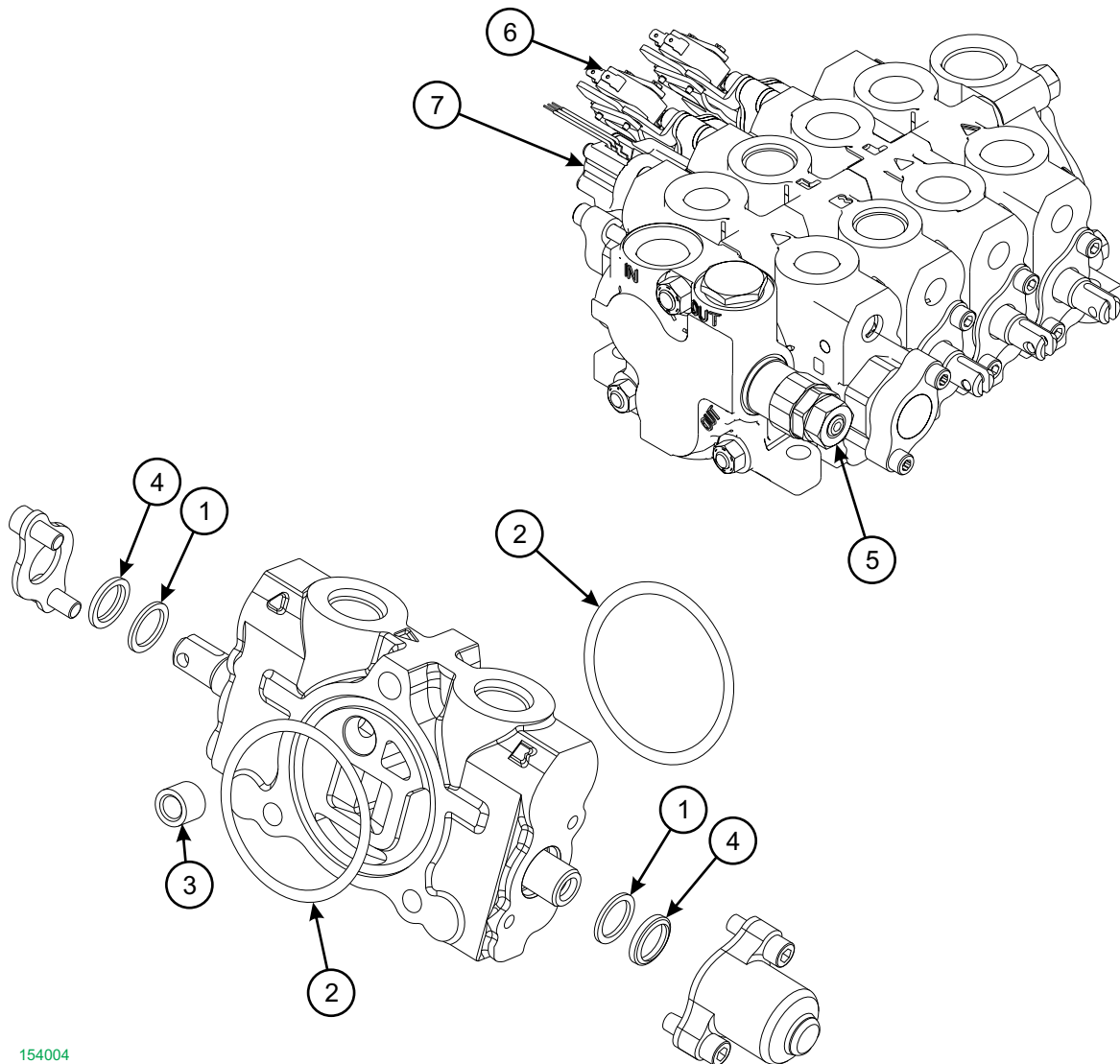


Figure 1-35: Control Valve Installation B55HL (2 of 2)

ILLUSTRATED PARTS LIST**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 1-117)	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	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 1-106)	1
45	178207	BRACKET WLDMT, B55HL ACTR BLKHD	1
46	165931	SPACER, B55HL INR HYD LEVER	1



154004

Figure 1-36: Hydraulic Control Valve Assembly

Hydraulic Control Valve Assembly

ITEM	PART NUMBER	DESCRIPTION	QTY.
	154004	VALVE, 3SPL HUSCO AX30454-180	
1	168223	O-RING	2
2	168219	O-RING	2
3	168220	POPPET-C.V.	1
4	168222	WIPER	2
5	168221	RELIEF VALVE ASSY.	1
6	25035	SWITCH, MICRO	2
7	156260	KIT, BTAC LIFT SPOOL SENSOR (ONE KIT PER SPOOL)	REF

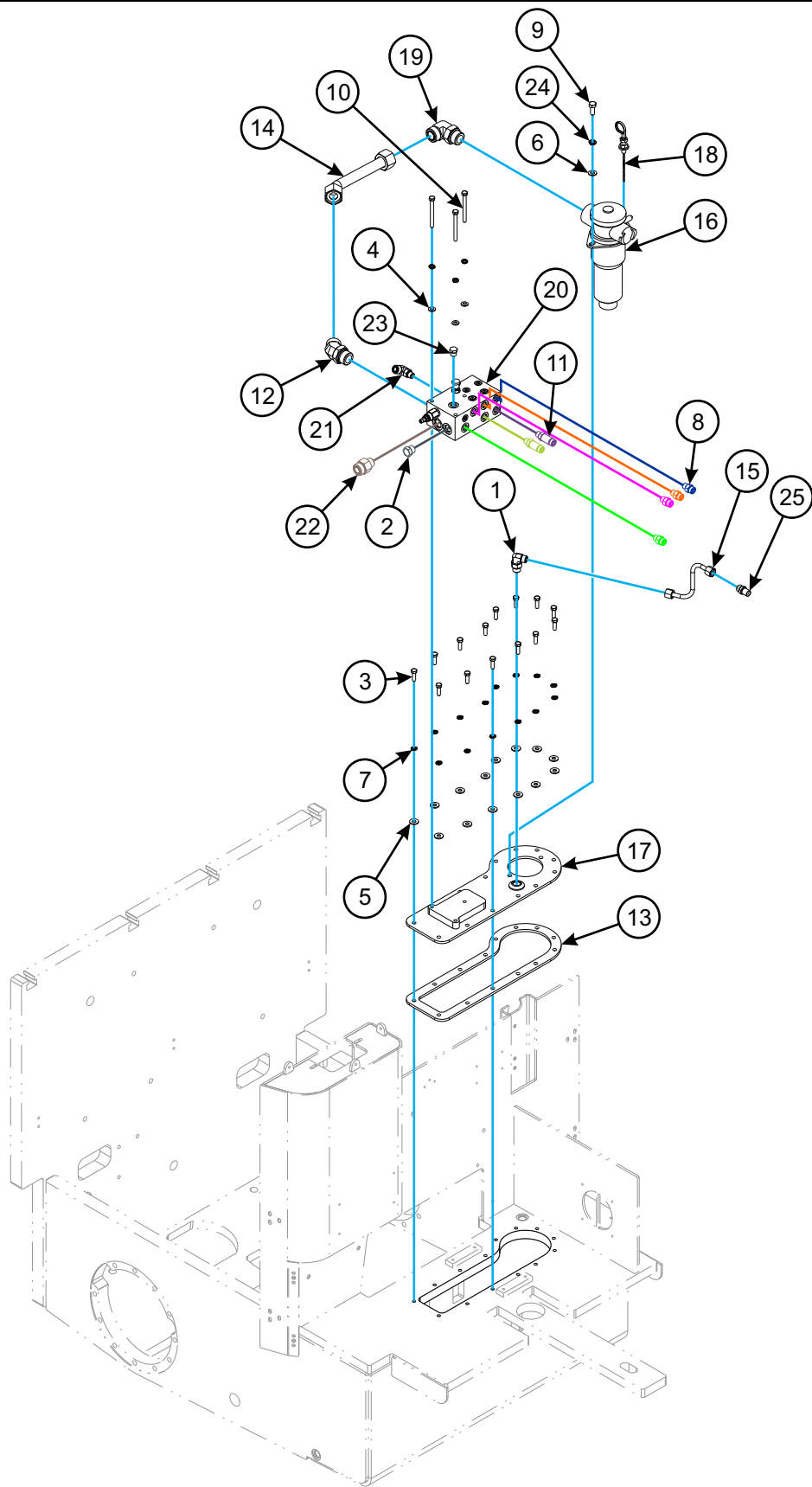


Figure 1-37: Hydraulic Tank Components (1 of 2)

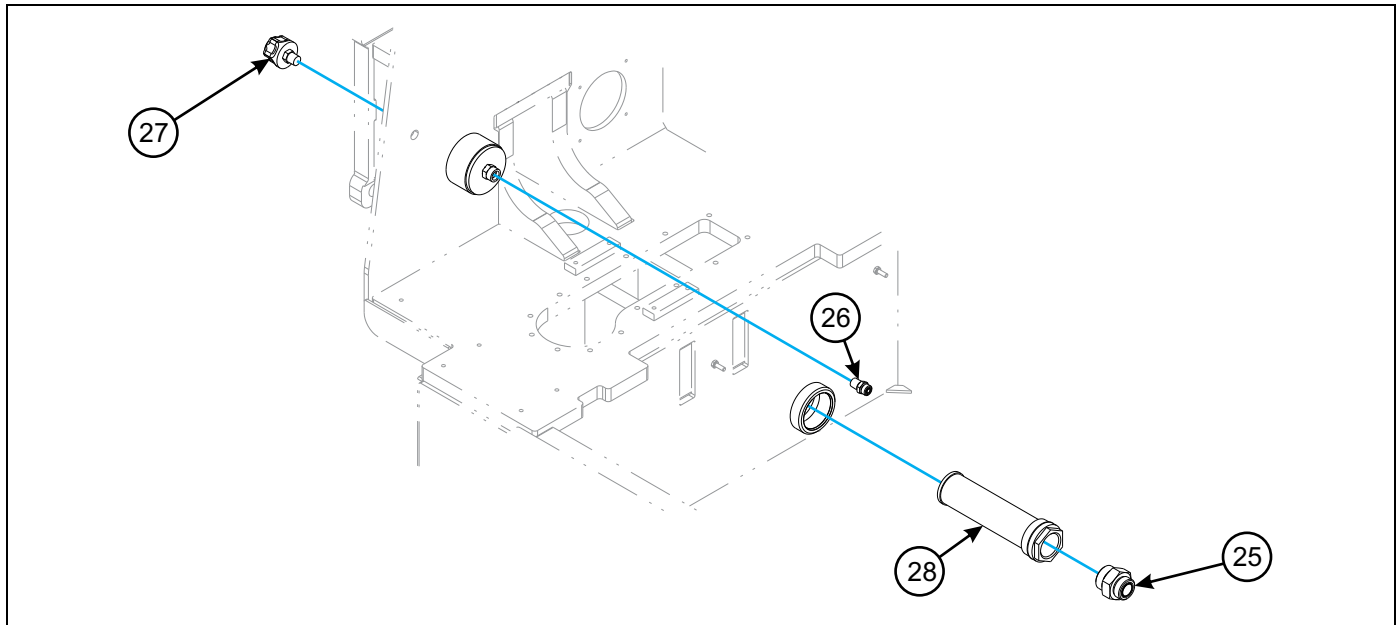


Figure 1-38: Hydraulic Tank Components (2 of 2)

Hydraulic Tank Components

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 (SEE PAGE 1-62)	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 (PRIOR TO 03/01/2012)	1
20	129608	VALVE, SER 5 STEERING CONTROL (AFTER 03/01/2012)	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	102048	ADAPTER,#20 ORB X #16 ORS ST	1
26	123910	ADAPTER,#6ORS X #6NPT,CONNECT	1
27	125056	BREATHER,SER 4 HYDRAULIC TANK	1
28	126088	STRAINER, TANK SAE #20 O-RING	1

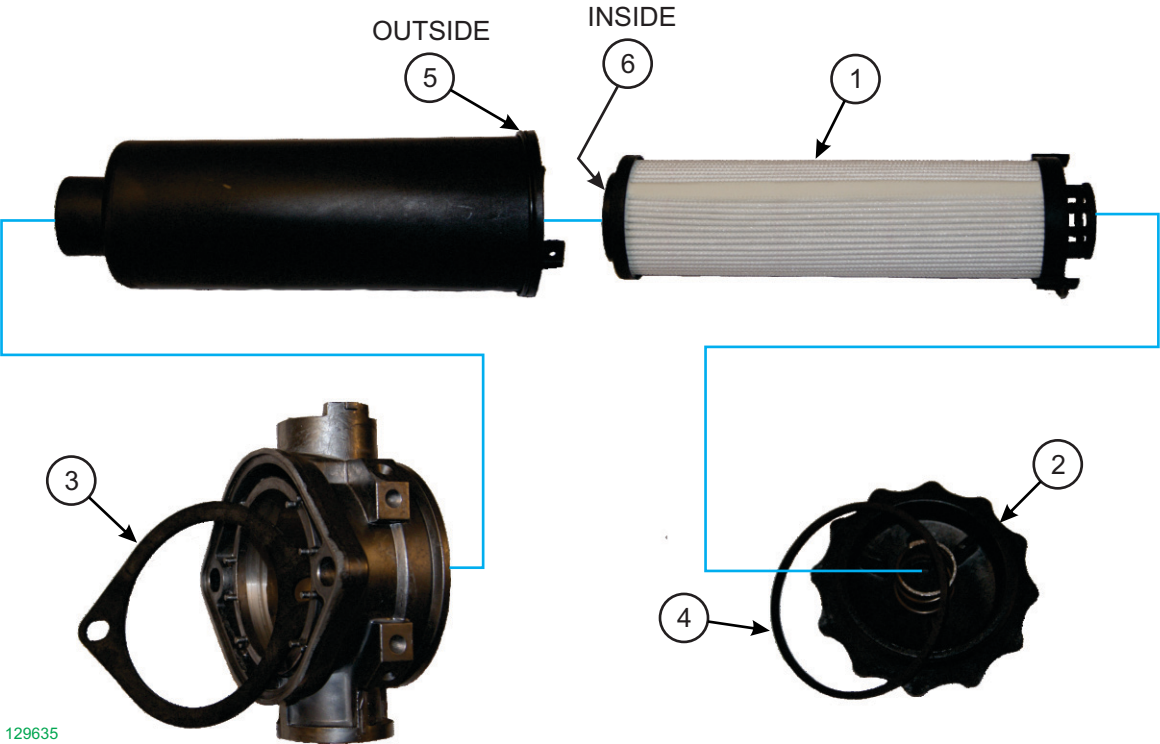


Figure 1-39: In-Tank Filter Assembly

In-Tank Filter Assembly

ITEM	PART NUMBER	DESCRIPTION	QTY.
	129635	FILTER,IN-TANK,NON-VENT,44GPM	
1	112876	REPLACEMENT FILTER ELEMENT	1
2	149560	LID	1
3	149562	GASKET	1
4	151507	SEAL COVER PLATE 84X3.4X3-NBR	1
5	149561	O-RING 71.12X2.62	1
6	168584	O-RING 34X3.5-NBR-70	1
7	149563	SEAL KIT (ALSO INCLUDES ITEMS 3, 4, 5, AND 6)	REF

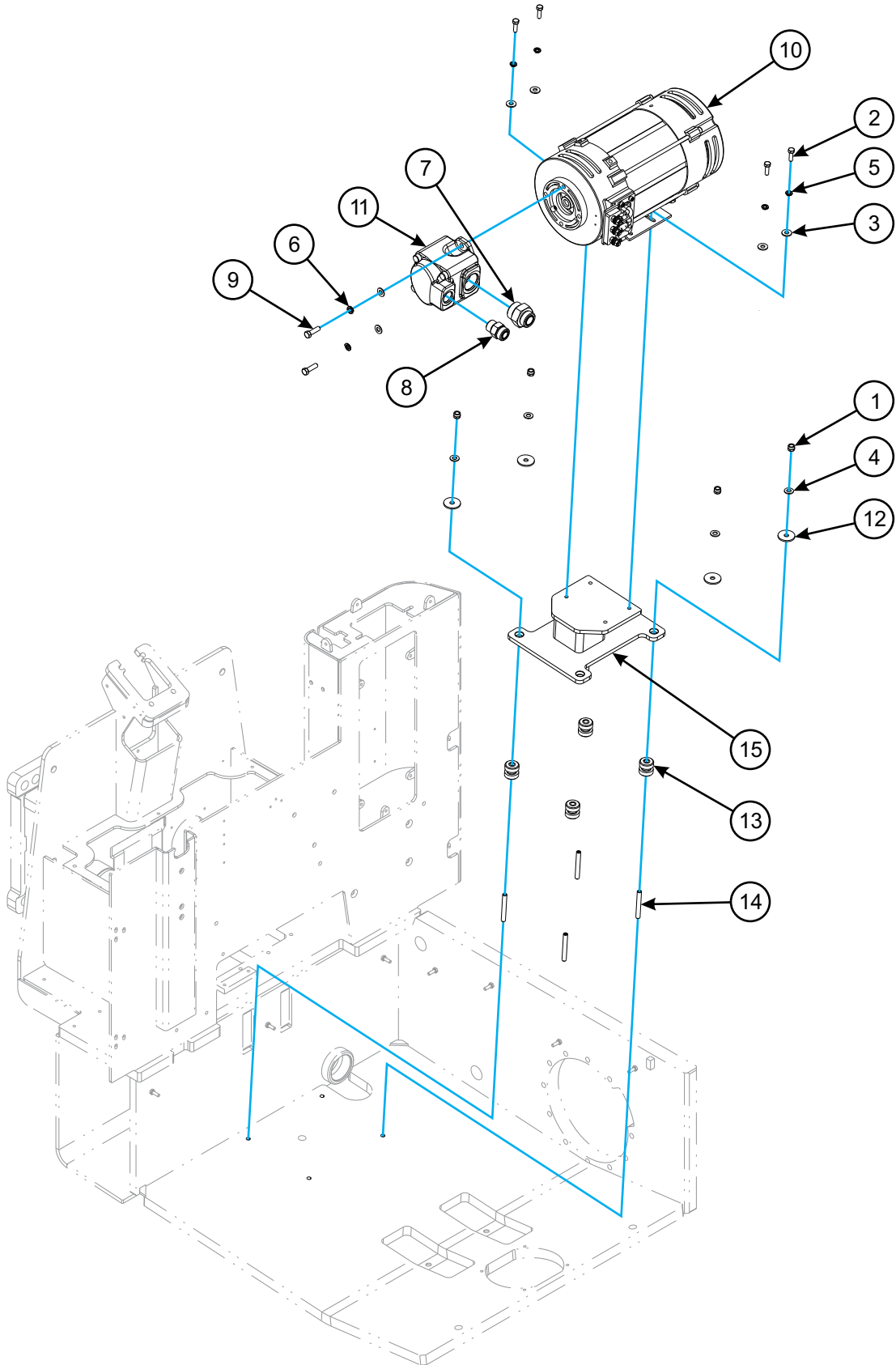


Figure 1-40: Lift Pump Installation (Prior to 1/31/2014)

ILLUSTRATED PARTS LIST**Lift Pump Installation (Prior to 1/31/2014)**

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		MOTOR,AC LIFT PUMP (SEE PAGE n-n)	1
11	171510	PUMP,25CC,SAE A,9TOOTH,ROTARY (B55 ONLY)	1
11	171594	PUMP,22CC SAE A, 9T,ROTARY (B55HL ONLY)	1
12	154015	WASHER 3/8X1-1/2X1/8 FENDER	4
13	154016	MOUNT, BT/AC HYD MTR ANTI-VIB	4
14	188403	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

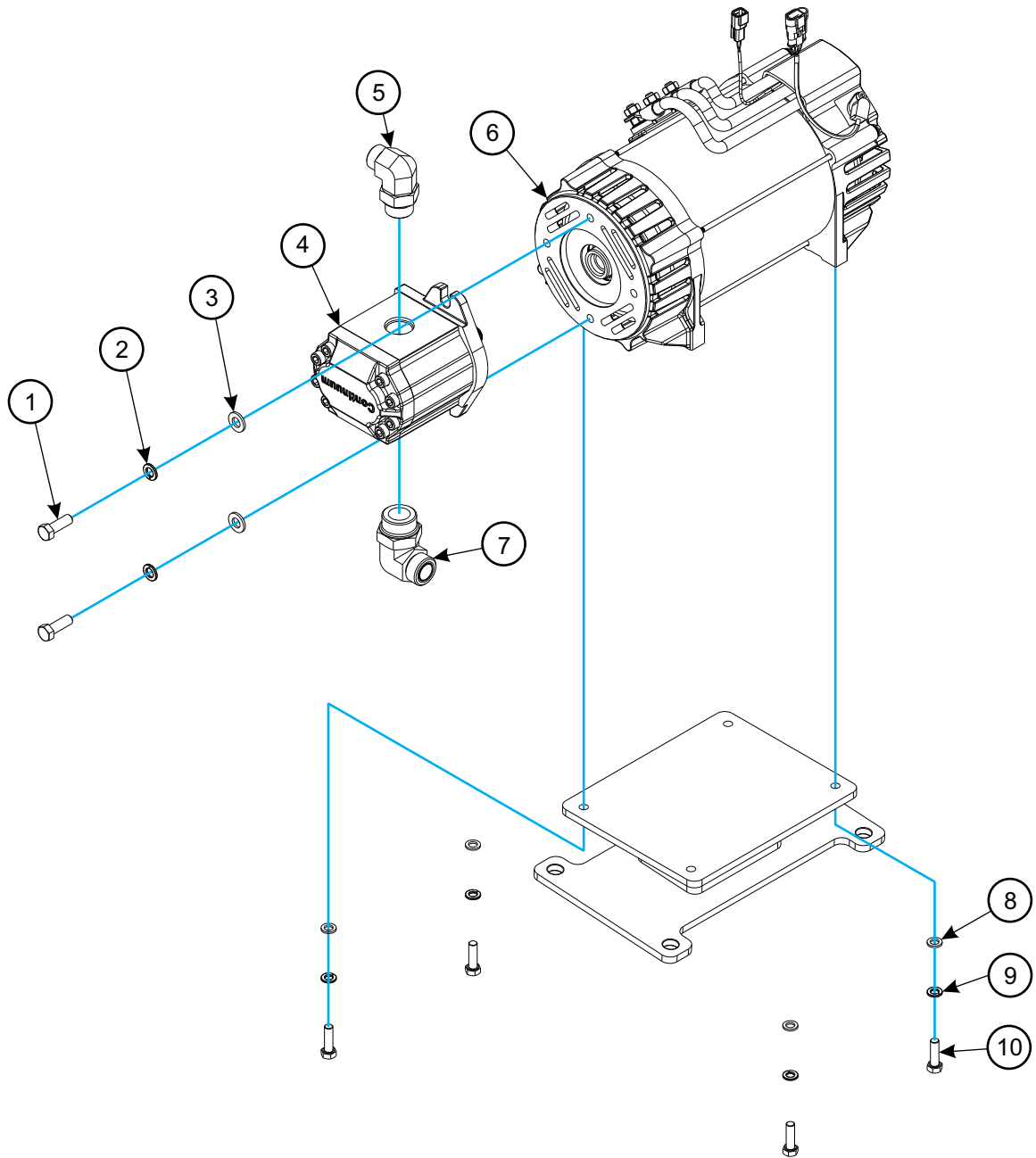


Figure 1-41: Lift Pump Installation - B55 Only (After 1/31/2014)

ILLUSTRATED PARTS LIST

Lift Pump Installation After - B55 Only (After 1/31/2014)

ITEM	PART NO.	DESCRIPTION	QTY.
1	1CM1235ER	SCREW M12-1.75X35 HCS 8.8 ZP	2
2	6EM120ER	WASHER LOCK SPRING M12 ZP	2
3	149431	WASHER, FLAT M12 NRW ZP	2
4	178171	PUMP,32CC,SAE B,13T ROTARY,ORB	1
5	0018162	ADAPTER VANE PUMP	1
6	173695	MOTOR,21KW,13SPL,48V,OPEN PUMP	1
7	123912	ADAPTER,#16ORSX#20ORB,90 ELB	1
8	18EM1019ER	WASHER FL HS M10 PLATED	4
9	6EM100ER	LOCKWASHER M10 ZP	4
10	1CM1035ER	SCREW M10-1.5X35 HCS 8.8 ZP	4

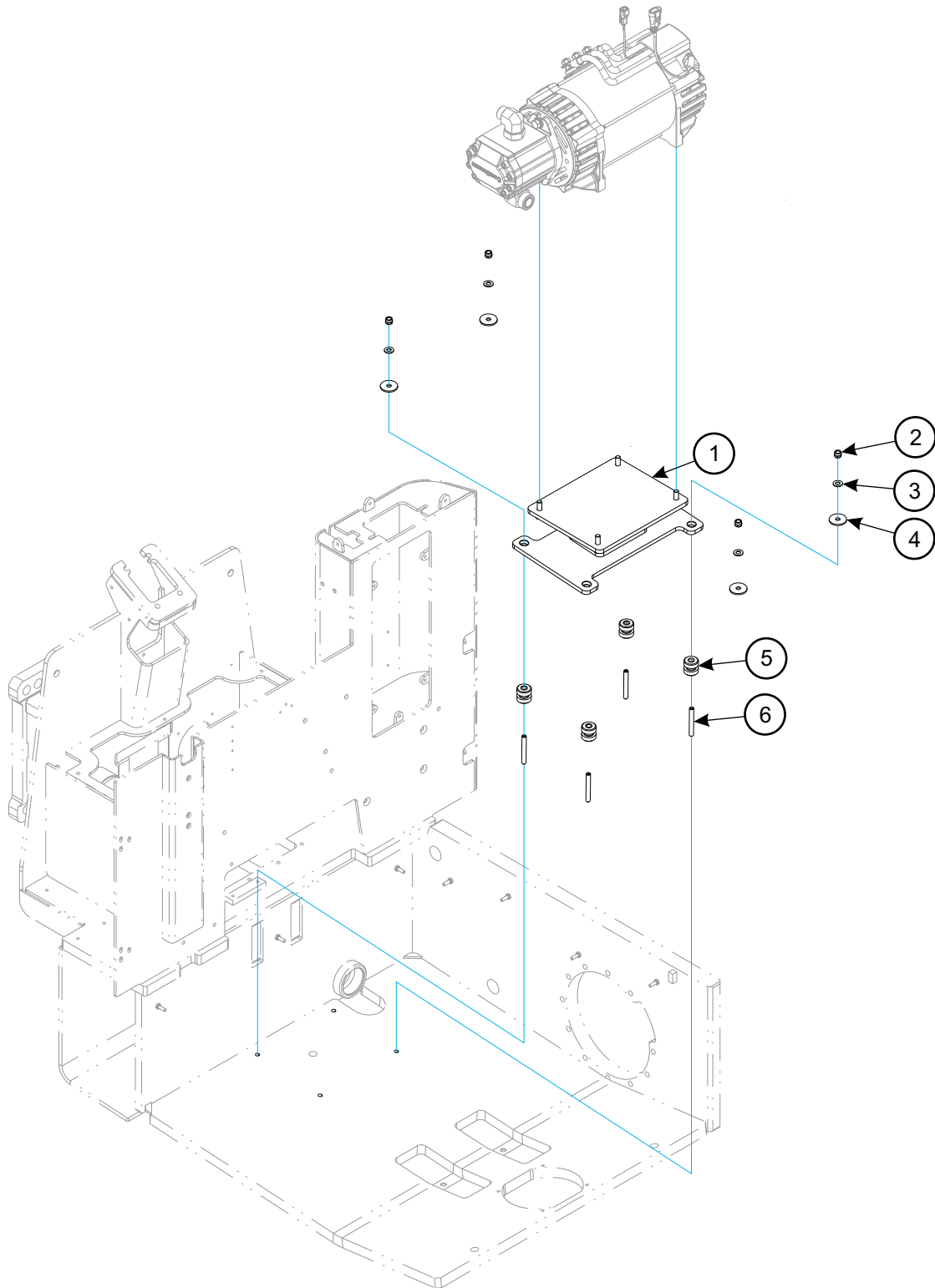


Figure 1-42: Lift Pump - B55 Only

Lift Pump - B55 Only

ITEM	PART NO.	DESCRIPTION	QTY.
1	178287	MOUNT WLDMT, B55HL PUMP MOTOR	1
2	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	4
3	1-861-010032-10	WASHER, FLAT 3/8" N ZP/CD	4
4	154015	WASHER 3/8X1-1/2X1/8 FENDER	4
5	154016	MOUNT, BT/AC HYD MTR ANTI-VIB	4
6	188403	SCREW,3/8-16X3 CUP PT SET	4

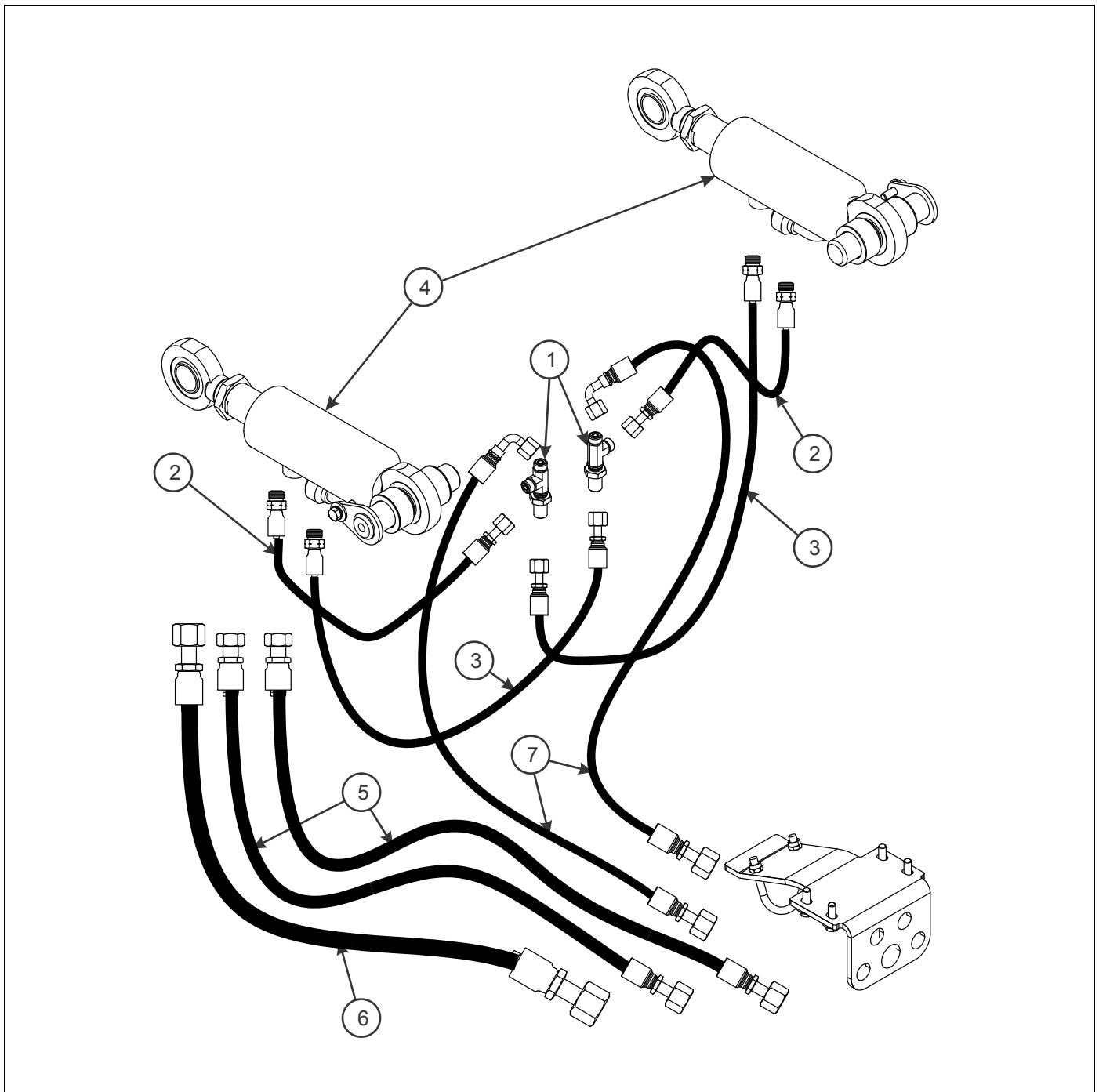


Figure 1-43: Mast Hydraulic Diagram - B55 Only

Mast Hydraulic Diagram - B55 Only

ITEM	PART NO.	DESCRIPTION	QTY.
1	0018126	FITTING BULKHEAD TEE TILTS (SEE PAGE 1-99)	REF
2	152822	HOSE,#4STRORSX#6ORBX#4-25	2
3	152823	HOSE,#4STRORSX#6ORBX#4-31	2
4	153229	CYLINDER,BT-AC TILT (SEE PAGE 1-75)	REF
5	183283	HOSE,#6STRORSX#6STRJICX#4-63	2
6	183281	HOSE, 10STRORSX 10STRORSX10-37	1
7	183282	HOSE,#6STRORSX#4ORS90SX#4-46	2

Table provided for general use.

[illegible]

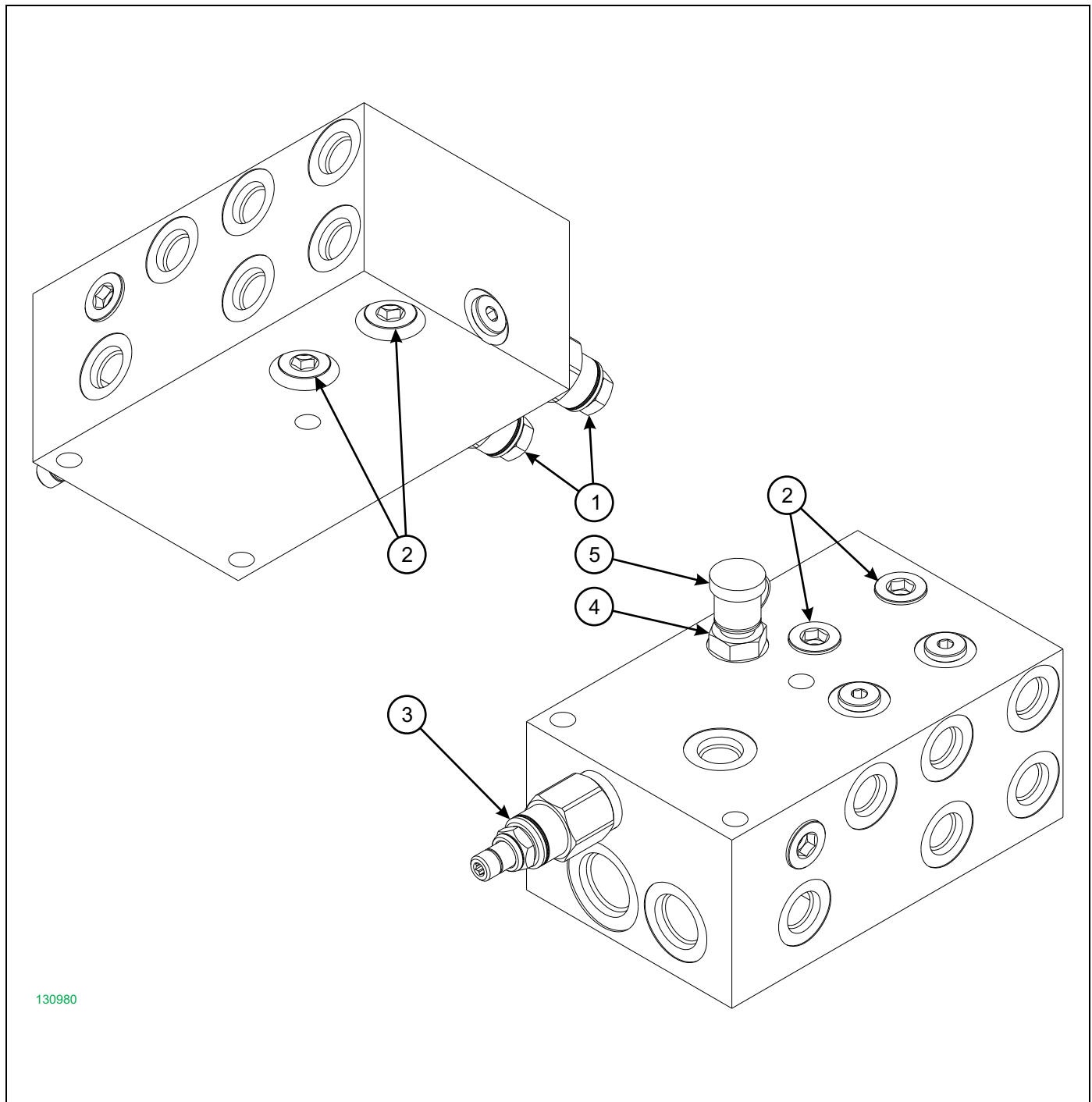


Figure 1-44: Steering Control Valve Assembly (Prior to 12/21/2011)

Steering Control Valve Assembly (Prior to 12/21/2011)

ITEM	PART NUMBER	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
5	0018149	PORT DUST COVER	1

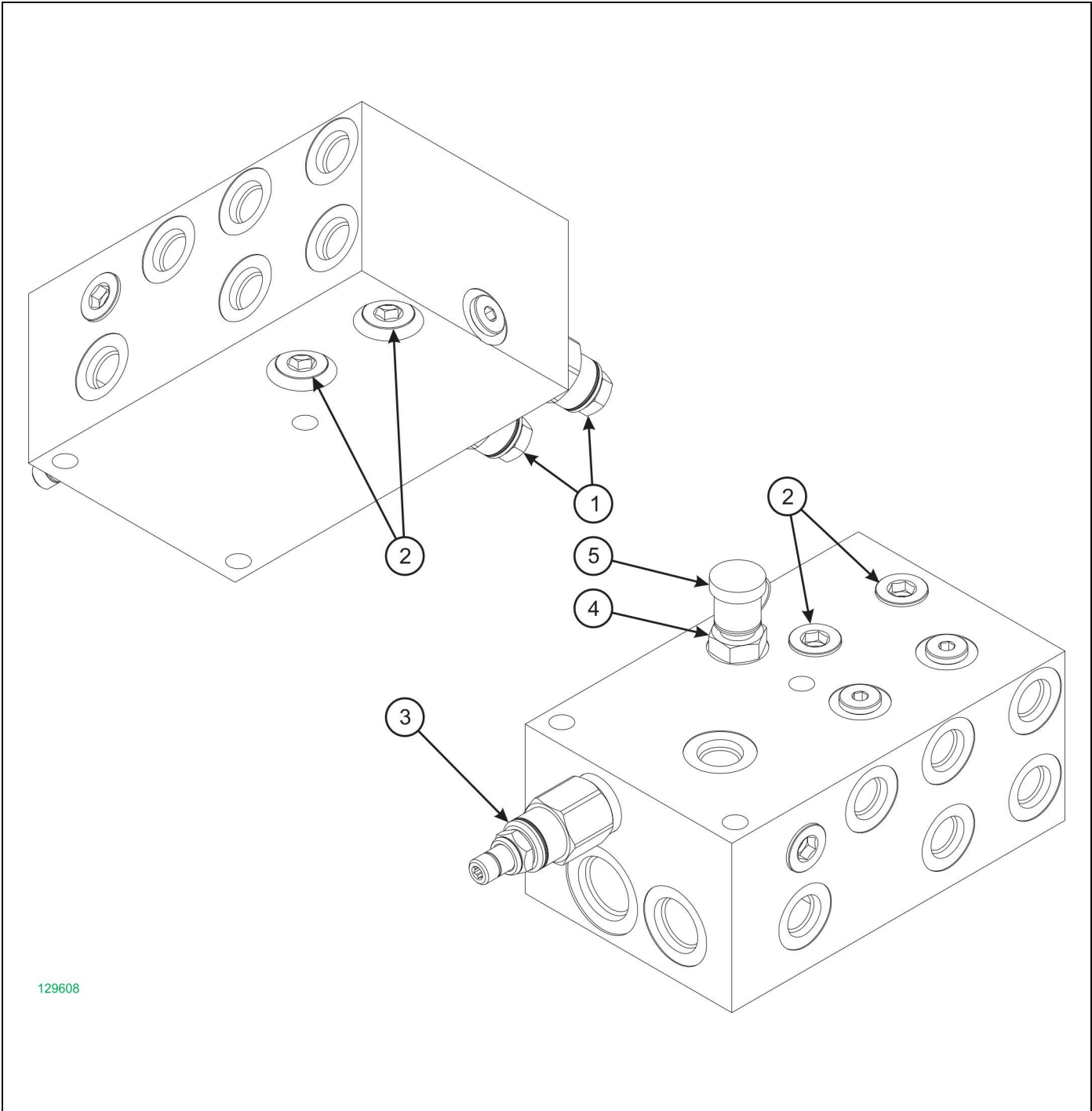


Figure 1-45: Steering Control Valve Assembly (After 12/22/2011)

Steering Control Valve Assembly (After 12/22/2011)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	129608	VALVE, SER 5 STEERING CONTROL	
1	131827	COUNTERBALANCE VALVE CART	2
2	131828	CHECK VALVE	5
3	131829	DIRECT ACTING RELIEF VALVE	1
4	PD341	NIPPLE	1
5	0018149	PORT DUST COVER	1

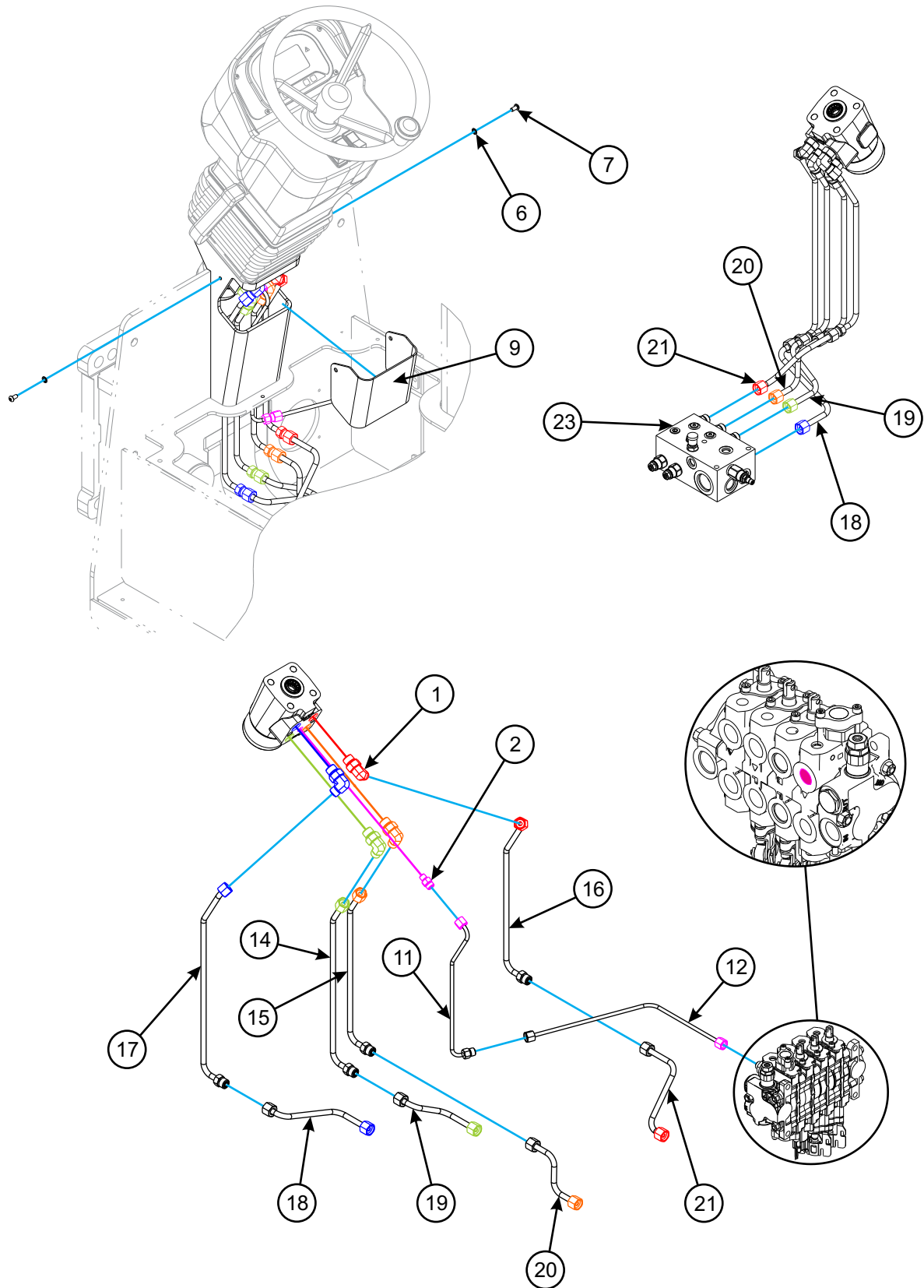


Figure 1-46: Steering Hydraulics Installation

ILLUSTRATED PARTS LIST**Steering Hydraulics Installation**

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 1-113)	1
11	154539	TUBE,BT/AC ORBITAL LDSEN DOWN	1
12	154540	TUBE,BT/AC VLV LDSEN 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 1-71) (PRIOR TO 03/01/2012)	REF
23	129608	VALVE, SER 5 STEERING CONTROL (SEE PAGE 1-72) (AFTER 03/01/2012)	REF

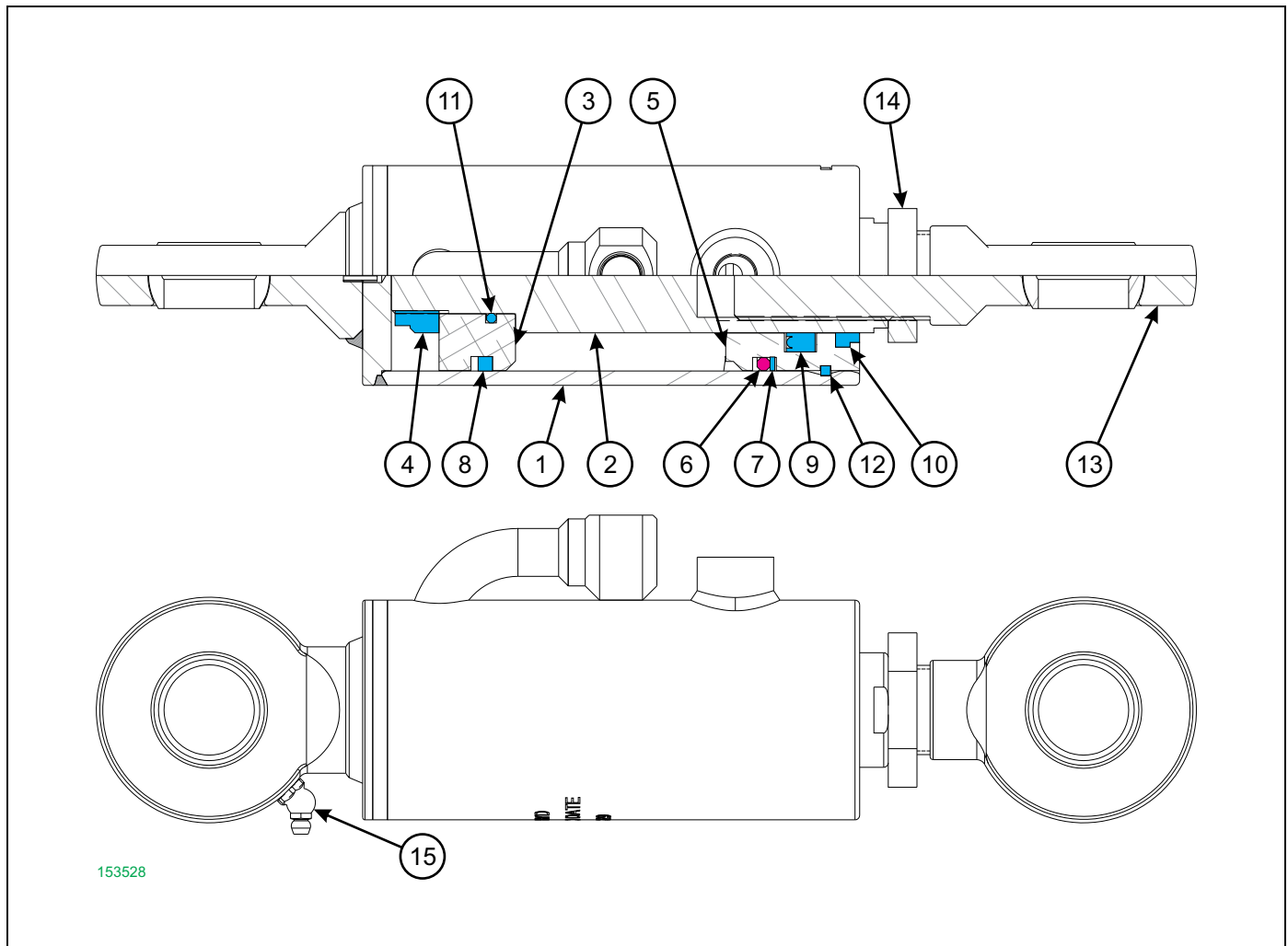


Figure 1-47: Tilt Cylinder, Limited Tilt

Tilt Cylinder, Limited Tilt

ITEM	PART NUMBER	DESCRIPTION	QTY.
	153528	CYLINDER,BT-AC LIMITED TILT	
1		2-1/2" MD BARREL ASSEMBLY	1
2		1-1/2" SHAFT	1
3		2-1/2" PISTON 1" SHAFT (PSP)	1
4		1" LOCK JAM NUT	1
5		2-1/2" MD HEAD 1-1/2" SHAFT (BSS)	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		1/8" KEYSTOCK	1
13		SKF BEARING - SA30C OR EQ	1
14		M30 X 2 HEX NUT	1
15		6 X 1 ZERK, 45°	1
16	153967	REPAIR KIT, TILT CYLINDER (INCLUDES ITEMS 6-11)	REF

Table provided for general use.

[illegible]

This diagram illustrates the assembly of a mechanical component, likely a motor or actuator, using 21 numbered parts. The components are arranged in an exploded view to show their relative positions and assembly sequence. The parts include:

- 1:** A circular flange or end plate.
- 2:** A small circular component, possibly a bearing or seal.
- 3:** A ring or washer.
- 4:** A small circular component, possibly a bearing or seal.
- 5:** A small circular component, possibly a bearing or seal.
- 6:** A long cylindrical shaft or pin.
- 7:** A small circular component, possibly a bearing or seal.
- 8:** A small circular component, possibly a bearing or seal.
- 9:** A small circular component, possibly a bearing or seal.
- 10:** A small rectangular component, possibly a bracket or plate.
- 11:** A small rectangular component, possibly a bracket or plate.
- 12:** A small circular component, possibly a bearing or seal.
- 13:** A small circular component, possibly a bearing or seal.
- 14:** A small circular component, possibly a bearing or seal.
- 15:** A large cylindrical component, possibly a motor housing or end plate.
- 16:** A small rectangular component, possibly a bracket or plate.
- 17:** A small rectangular component, possibly a bracket or plate.
- 18:** A small rectangular component, possibly a bracket or plate.
- 19:** A small circular component, possibly a bearing or seal.
- 20:** A small rectangular component, possibly a bracket or plate.
- 21:** A large rectangular component, possibly a motor housing or end plate.

The assembly is shown in a perspective view, with the components arranged in a way that suggests a step-by-step assembly process. The diagram is a technical drawing, likely from a manual or a catalog, used to guide the assembly of the device.

Figure 1-48: Front Axle Components - B55 Only

ILLUSTRATED PARTS LIST**Front Axle Components - 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 B (SEE PAGE 1-103)	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

ILLUSTRATED PARTS LIST**Front Axle Components - 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 1-104)	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

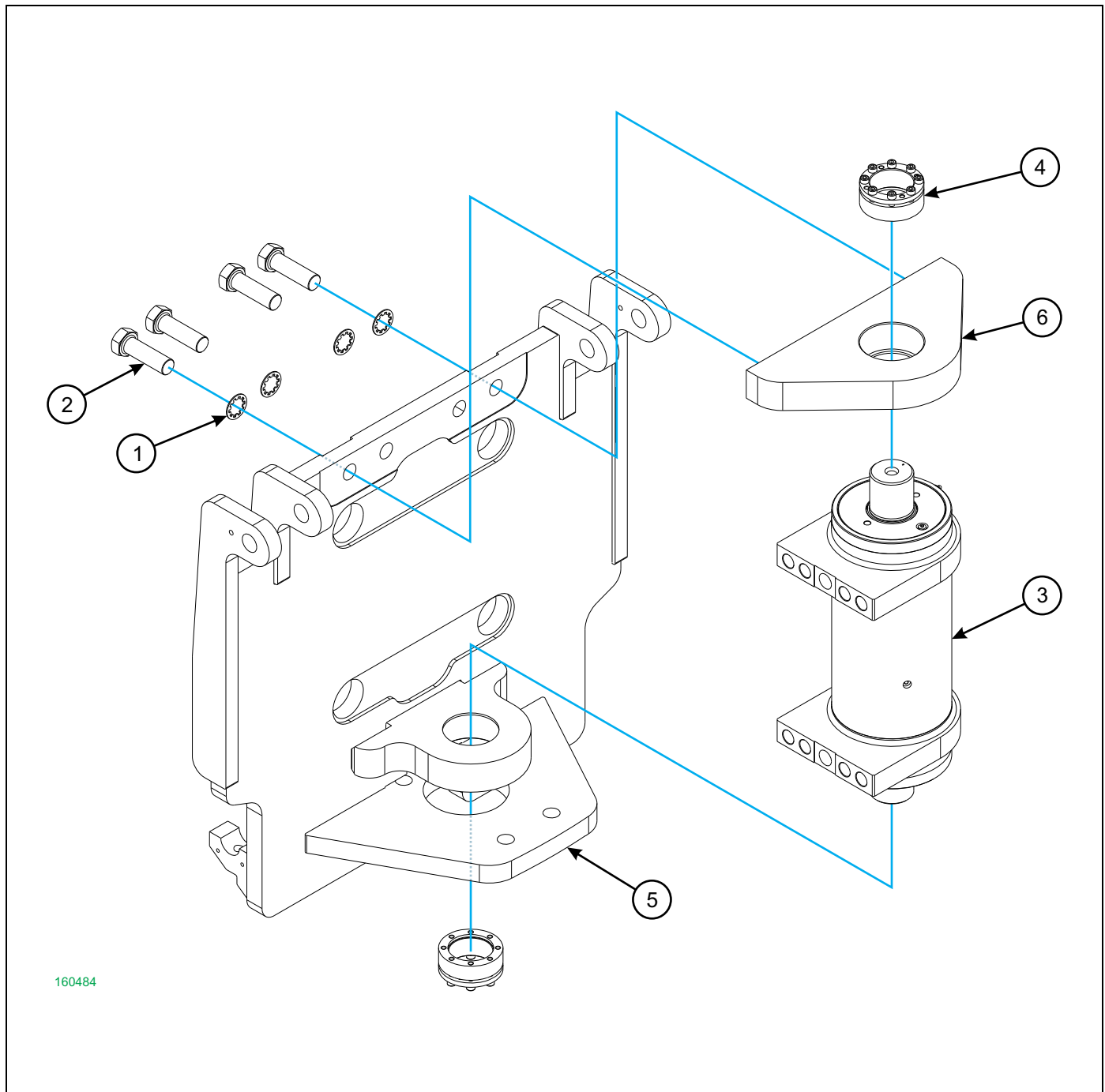
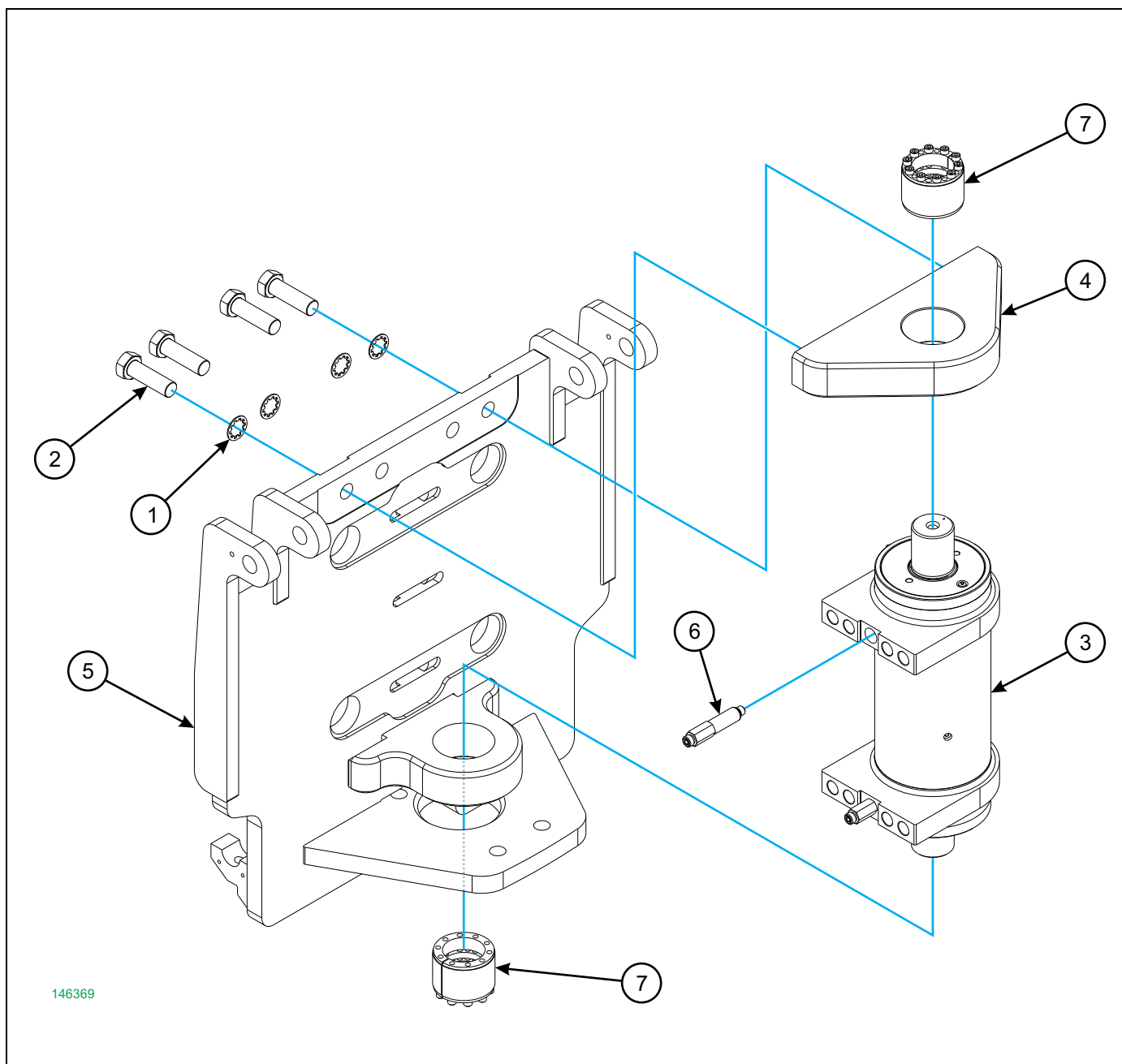


Figure 1-50: Front Plate Assembly - B55 Only (Prior to 12/21/2011)

Front Plate Assembly - B55 Only (Prior to 12/21/2011)

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

ILLUSTRATED PARTS LIST**Figure 1-51: Front Plate Assembly - B55 Only (After 12/22/2011)****Front Plate Assembly - B55 Only (After 12/22/2011)**

ITEM	PART NO.	DESCRIPTION	QTY.
	146369	FRONT PLATE ASSY, ACTUATOR	
1	143086	WASHER,1,LKG,INTERNAL TOOTH	4
2	143087	SCREW,HX CP,1-14UNFX3.25,GR8	4
3	145749	ACTUATOR, 65MM OUTPUT HELAC (PRIOR TO 03/31/16)	1
3	197927	ACTUATOR,65MM OUTPUT HELAC (AFTER 03/31/16)	1
4	146043	PLATE,B55 UPPER ACTUATOR MNT	1
5	146359	FRONT PLATE WLDMT,BT-5 ACTR	1
6	157521	ADAPTER,6 ORBX 6ORS LONG ACTR	2
7	167747	CONNECTION RING FEDER 65X95	2

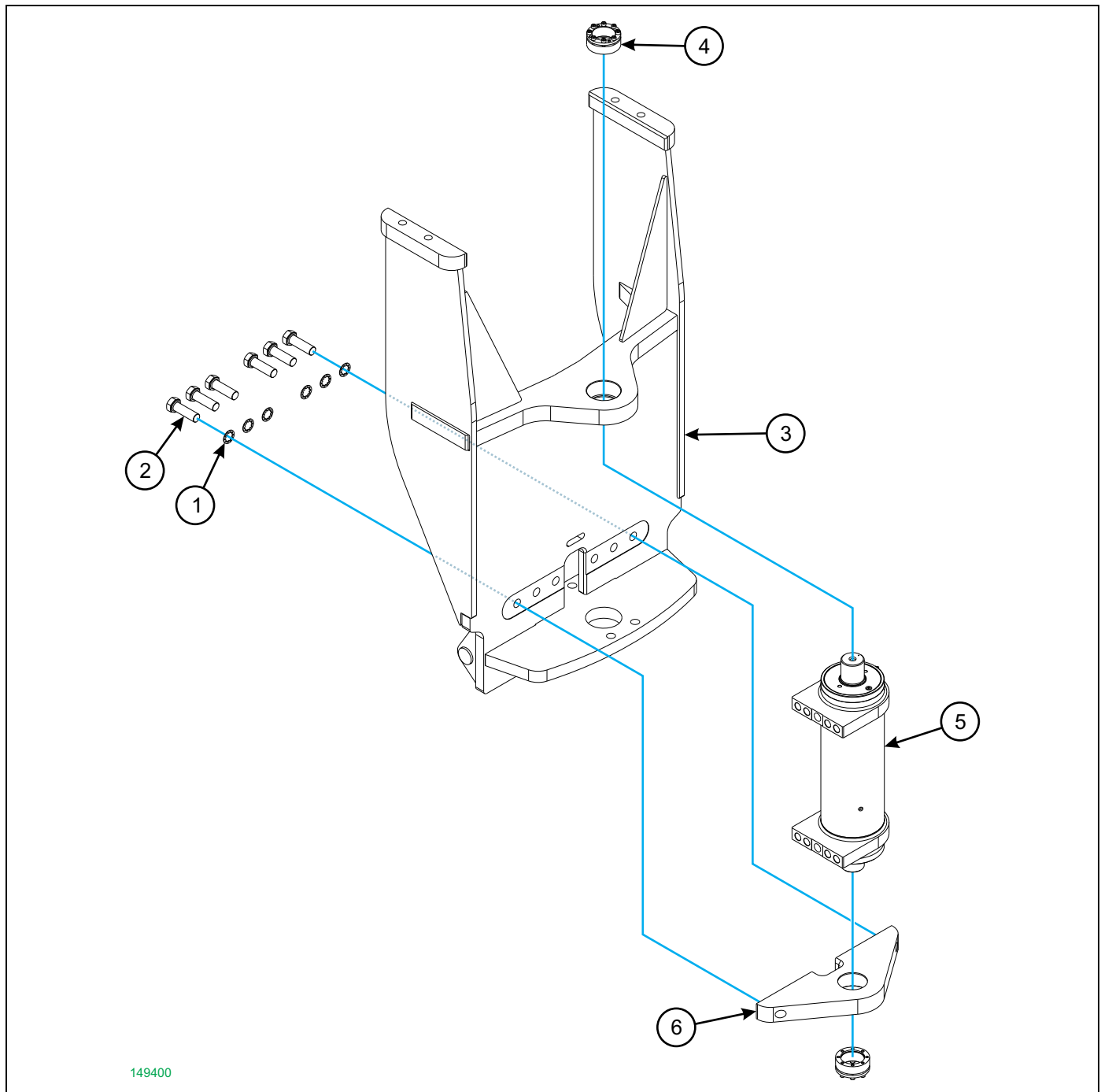


Figure 1-52: Front Plate Assembly - B55HL Only (Prior to 12/03/2012)

Front Plate Assembly - B55HL Only (Prior to 12/03/2012)

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

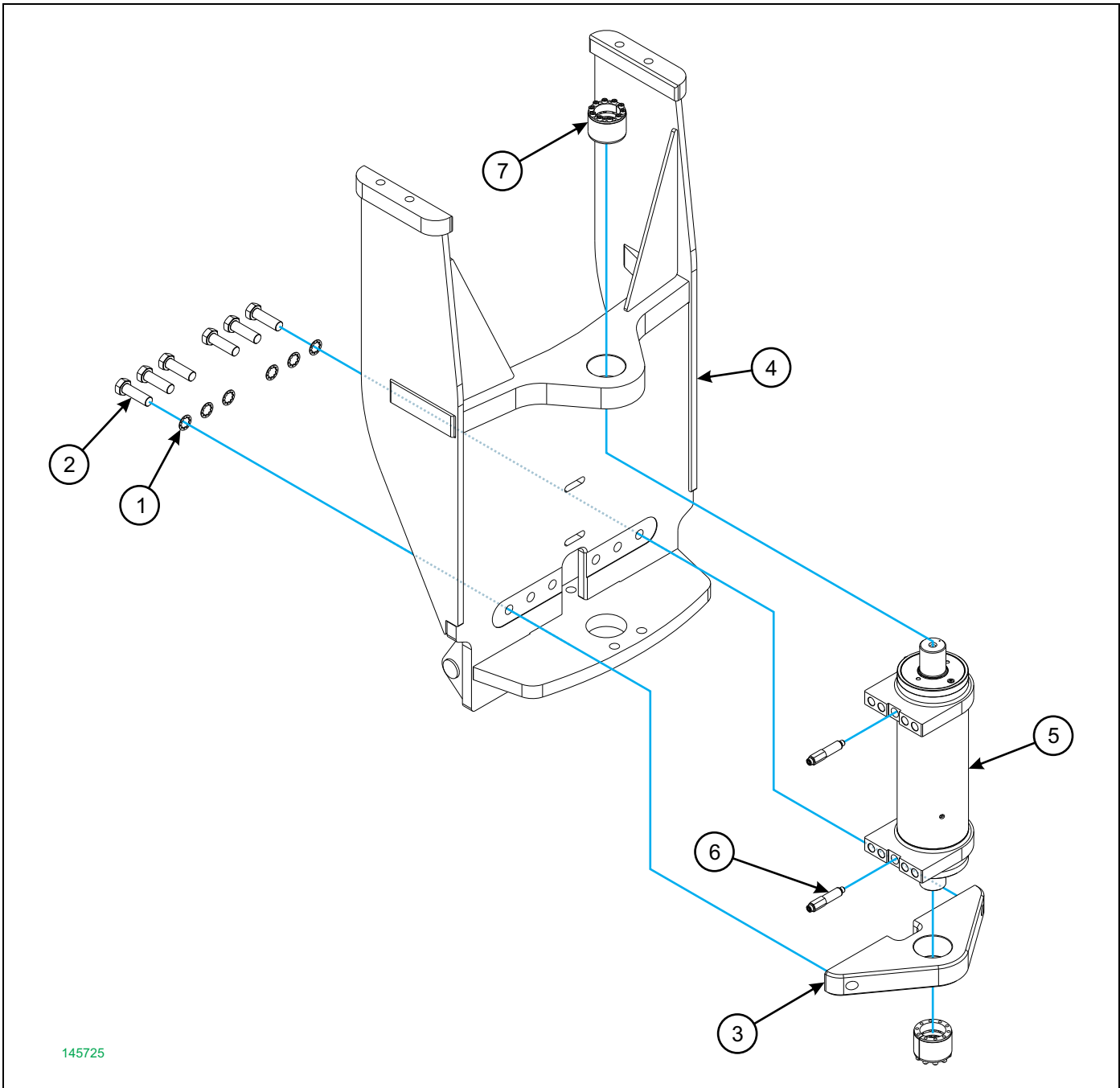


Figure 1-53: Front Plate Assembly - B55HL Only (After 12/04/12)

Front Plate Assembly - B55HL Only (After 12/04/12)

ITEM	PART NO.	DESCRIPTION	QTY.
	145725	FRONT PLATE ASSY, B55HL HELAC	
1	143086	WASHER,1,LKG,INTERNAL TOOTH	6
2	143087	SCREW,HX CP,1-14UNFX3.25,GR8	6
3	145721	PLATE, B55HL LWR ACTUATOR MNT	1
4	145724	FRONT PLATE WLDMT, B55HL ACTR	1
5	145750	ACTUATOR, 65MM OUTPUT HELAC HL	1
6	157521	ADAPTER,6 ORBX 6ORS LONG ACTR	2
7	167747	CONNECTION RING FEDER 65X95	2

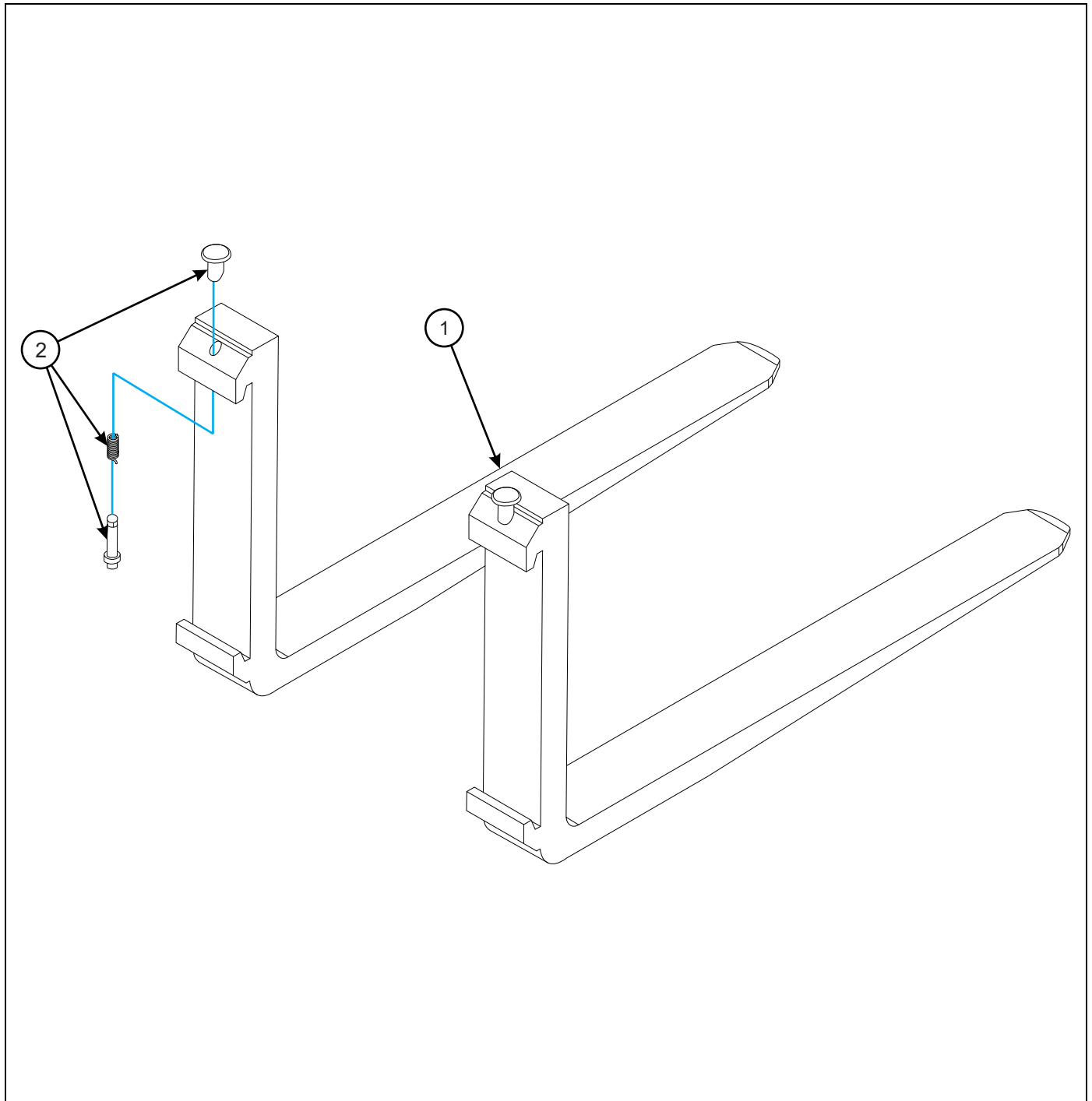


Figure 1-54: Forks

Forks

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

Table provided for general use.

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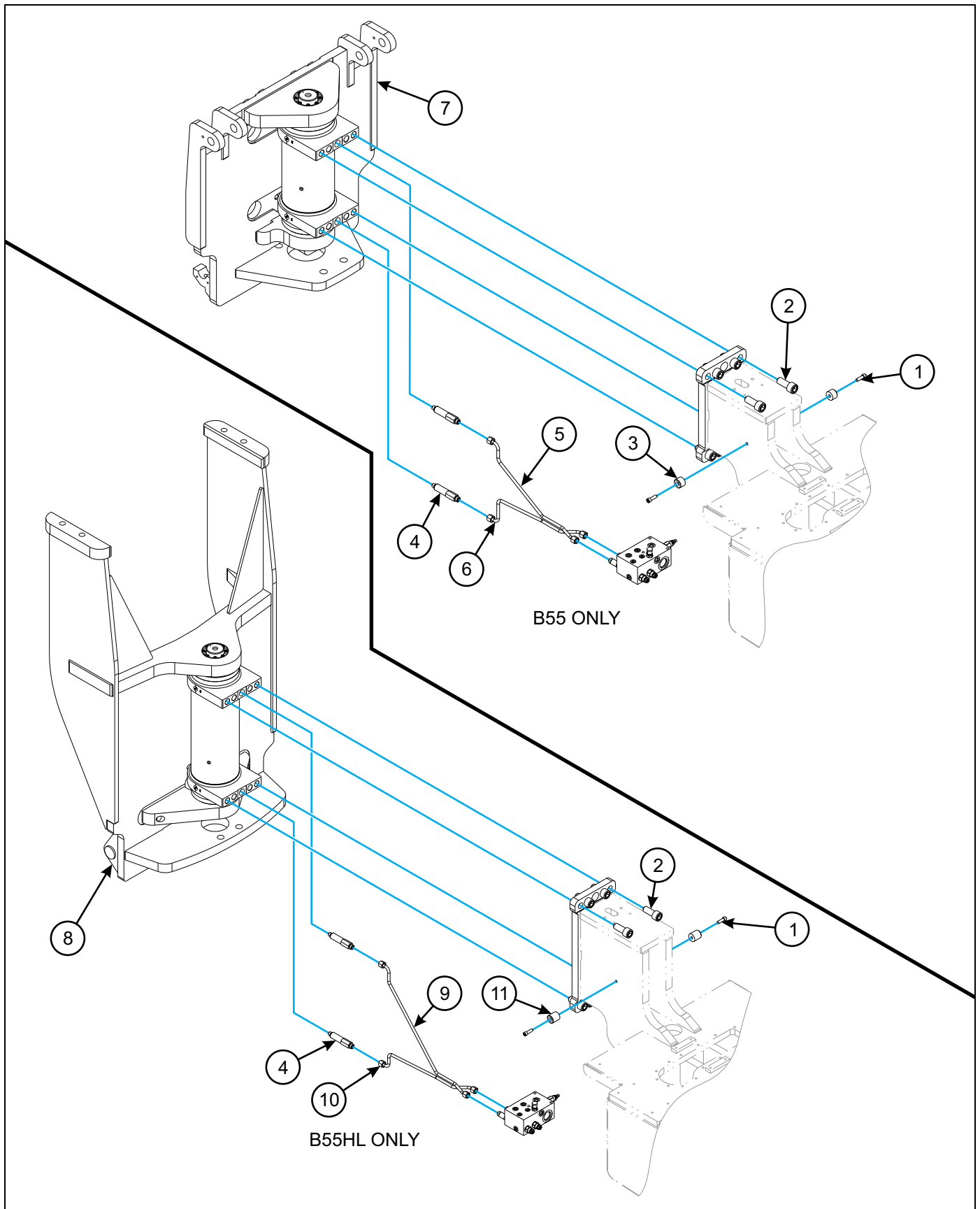


Figure 1-55: Front Rotation Installation

ILLUSTRATED PARTS LIST**Front Rotation Installation**

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 (INCLUDED WITH ITEMS 7 AND 8)	2
5	183276	TUBE, VALVE BDY M1 TO ACTR P2 (B55 ONLY)	1
6	183277	TUBE, VALVE BDY M2 TO ACTR P1 (B55 ONLY)	1
7	160484	FRONT PLATE ASSY, B55 HELAC (SEE PAGE 1-81) (PRIOR TO 12/21/2011)	1
7	146369	FRONT PLATE ASSY, ACTUATOR (SEE PAGE 1-82) (AFTER 12/21/2011)	
8	149400	FRONT PLATE ASSY B55HL HELAC (SEE PAGE 1-83) (PRIOR TO 12/03/2012)	1
8	145725	FRONT PLATE ASSY, B55HL HELAC (SEE PAGE 1-84) (AFTER 12/03/2012)	
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

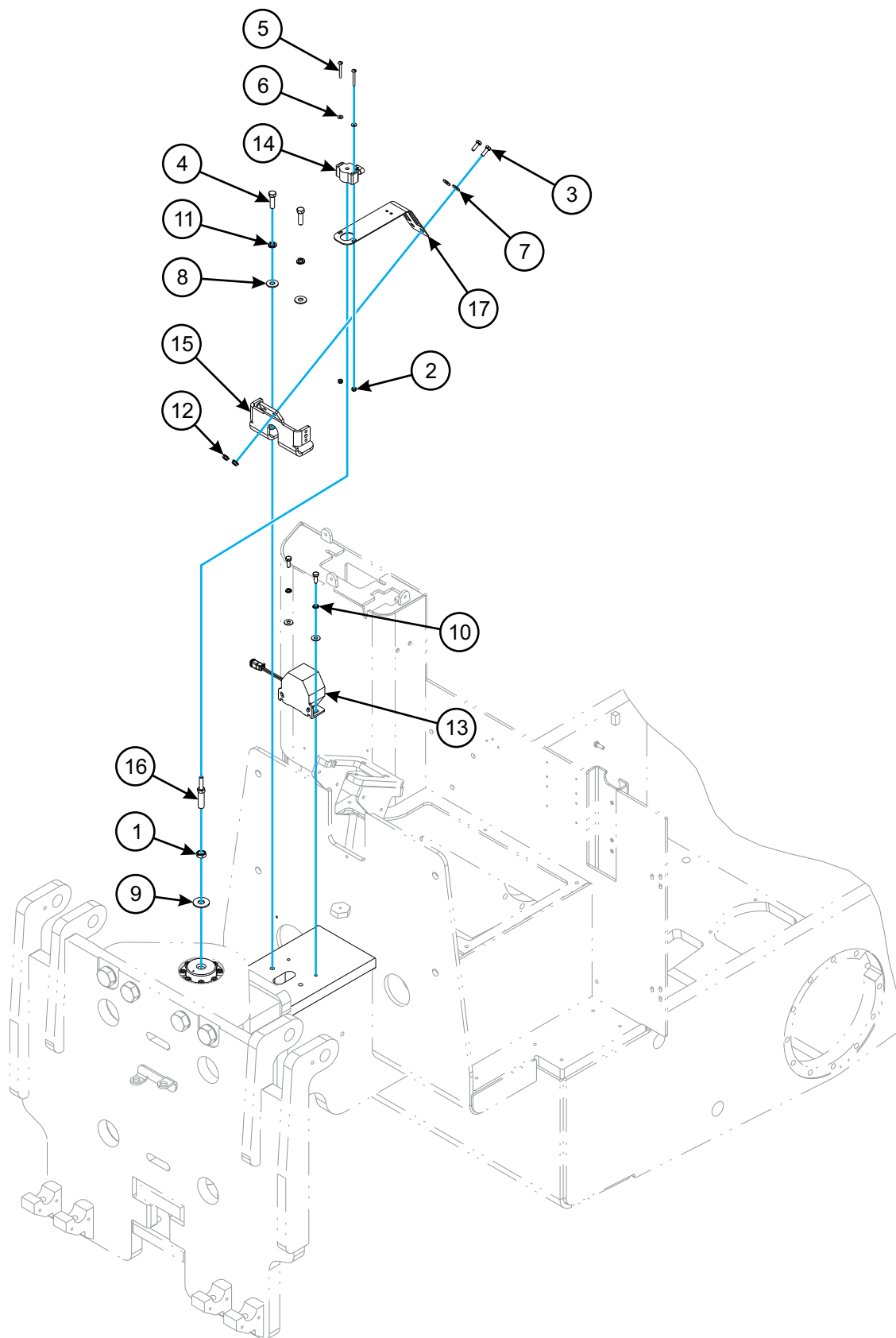


Figure 1-56: Front Rotation Sensors Installation (PRIOR TO DD/DD/DDDD)

ILLUSTRATED PARTS LIST**Front Rotation Sensors Installation (PRIOR TO DD/DD/DDDD)**

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	1-654-010051-05	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	145996	BRACKET WLDMT,B55 ROT SWITCH	1
16	160442	ROD,B55 POTENTIOMETER DRIVE	1
17	146018	BRACKET,B55 FLEX STEER POT	1

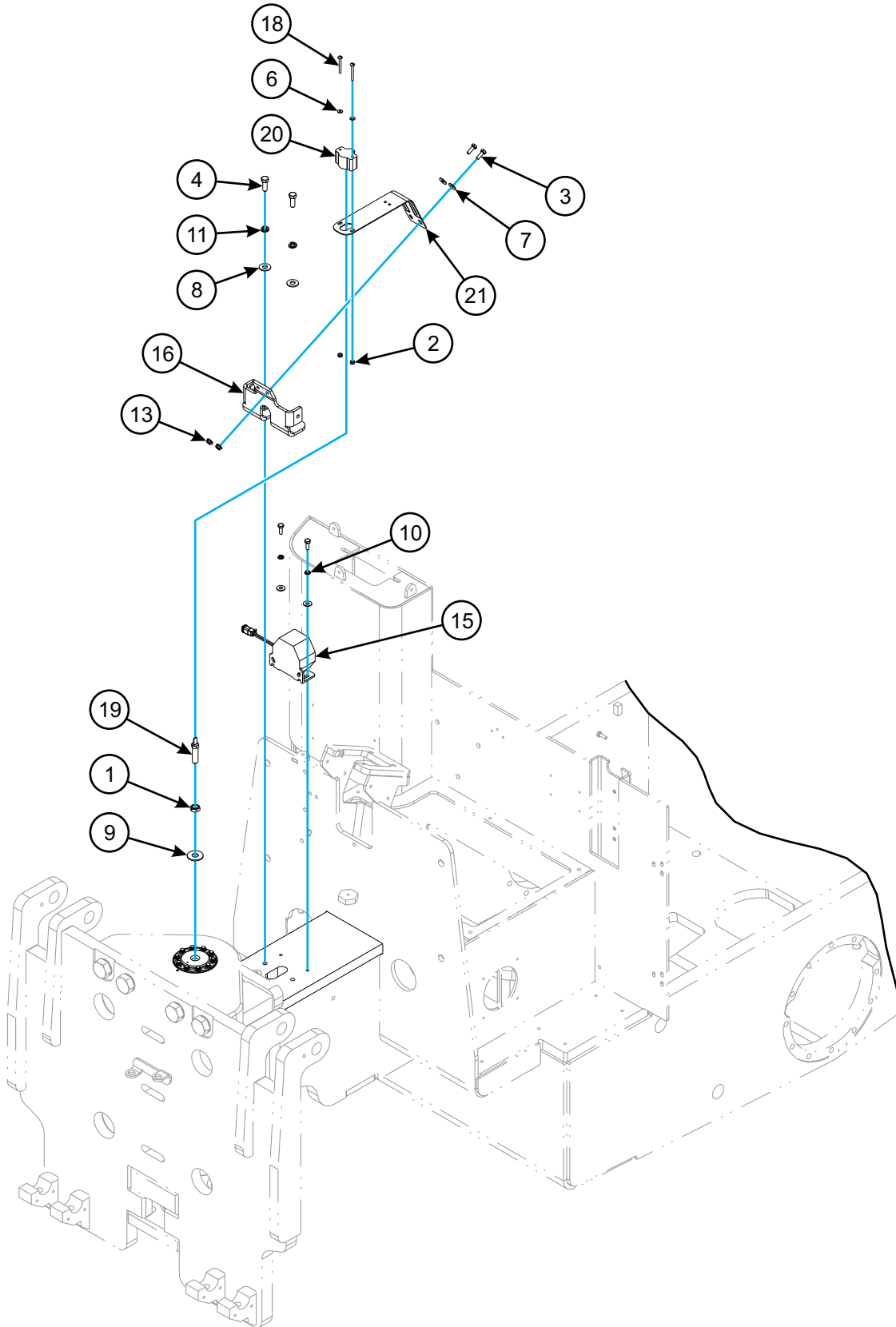
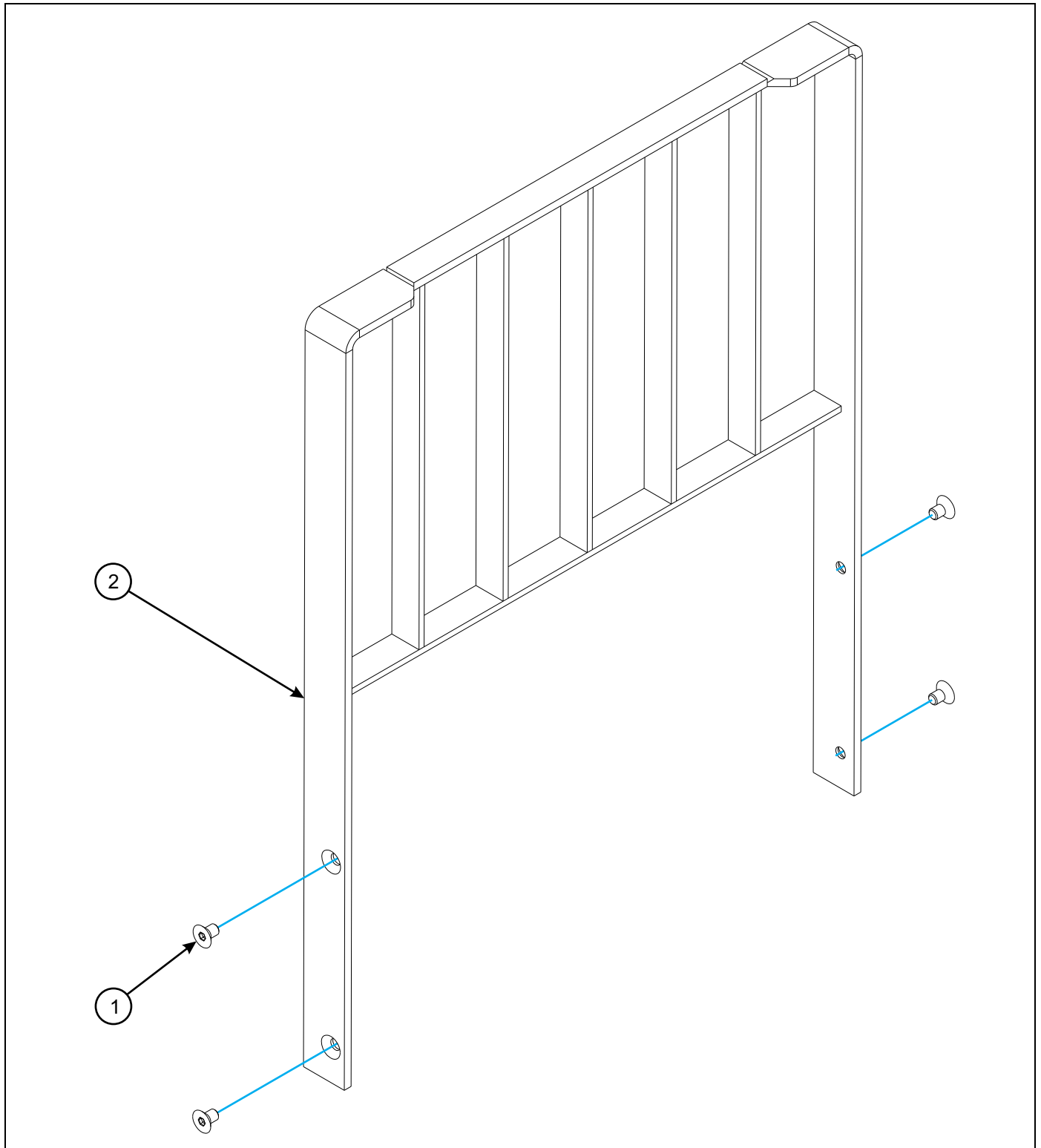


Figure 1-57: Front Rotation Sensors Installation (AFTER DD/DD/DDDD)

ILLUSTRATED PARTS LIST**Front Rotation Sensors Installation (AFTER DD/DD/DDDD)**

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	1-654-010051-05	SCREW,HEX CAP 3/8-16UNCX1 GR5	2
5	1-654-010125-18	SCREW HEX CAP,1-8UNCX6-1/2GR8	3
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	1-861-010034-21	WASHER, LKG HEL SPRG 1IN	3
13	108417	NUT SPIRAL 1/4-20HX FG	2
14	110-7389	1 IN SAE FLAT WASHER ZP	4
15	116144	HORN, BT ELECTRONIC	1
16	145996	BRACKET WLDMT,B55 ROT SWITCH	1
17	157520	COUNTERWEIGHT, B55 REAR	1
18	159003	SCREW RD HD MACH#8-32X1-5/8	2
19	173941	ROD,B3-4 POTENTIOMETER DRIVE	1
20	175467	SENSOR,RTRY HALL EFFECT POSN	1
21	178115	BRACKET, BT H-E STEER SENSOR	1


Figure 1-58: 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

Table provided for general use.

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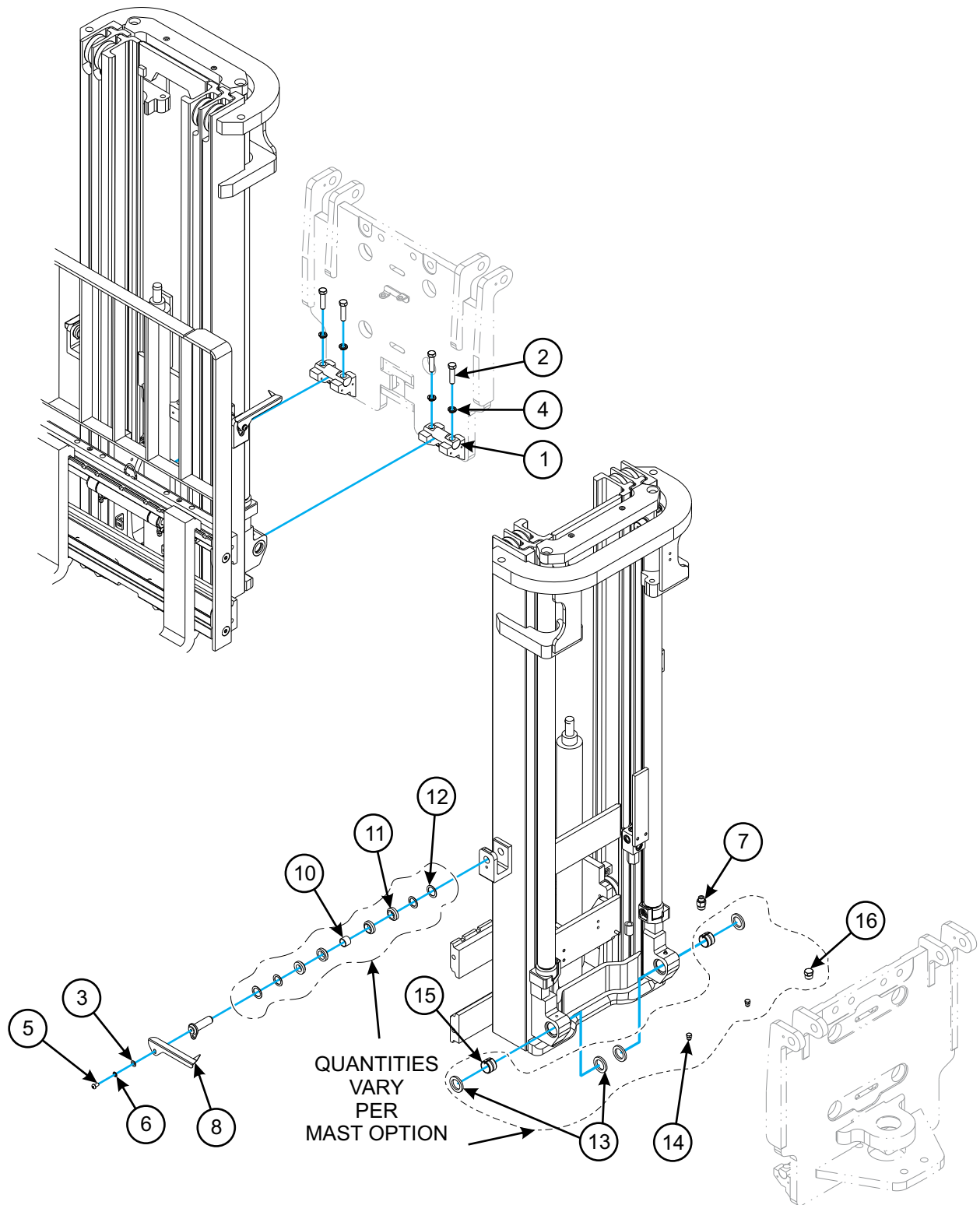


Figure 1-59: Mast Mount Components - B55 Only

ILLUSTRATED PARTS LIST**Mast Mount Components - 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	167082	INDICATOR,BT/AC RH VERTICAL	1
9	167083	INDICATOR,BT/AC LH VERTICAL	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
14	0018144	PLUG,#80RS	1
15	0023205	BUSHING, MAST BENDI 48	2
16	0018143	PLUG,37 FLARE,#6JIC	2

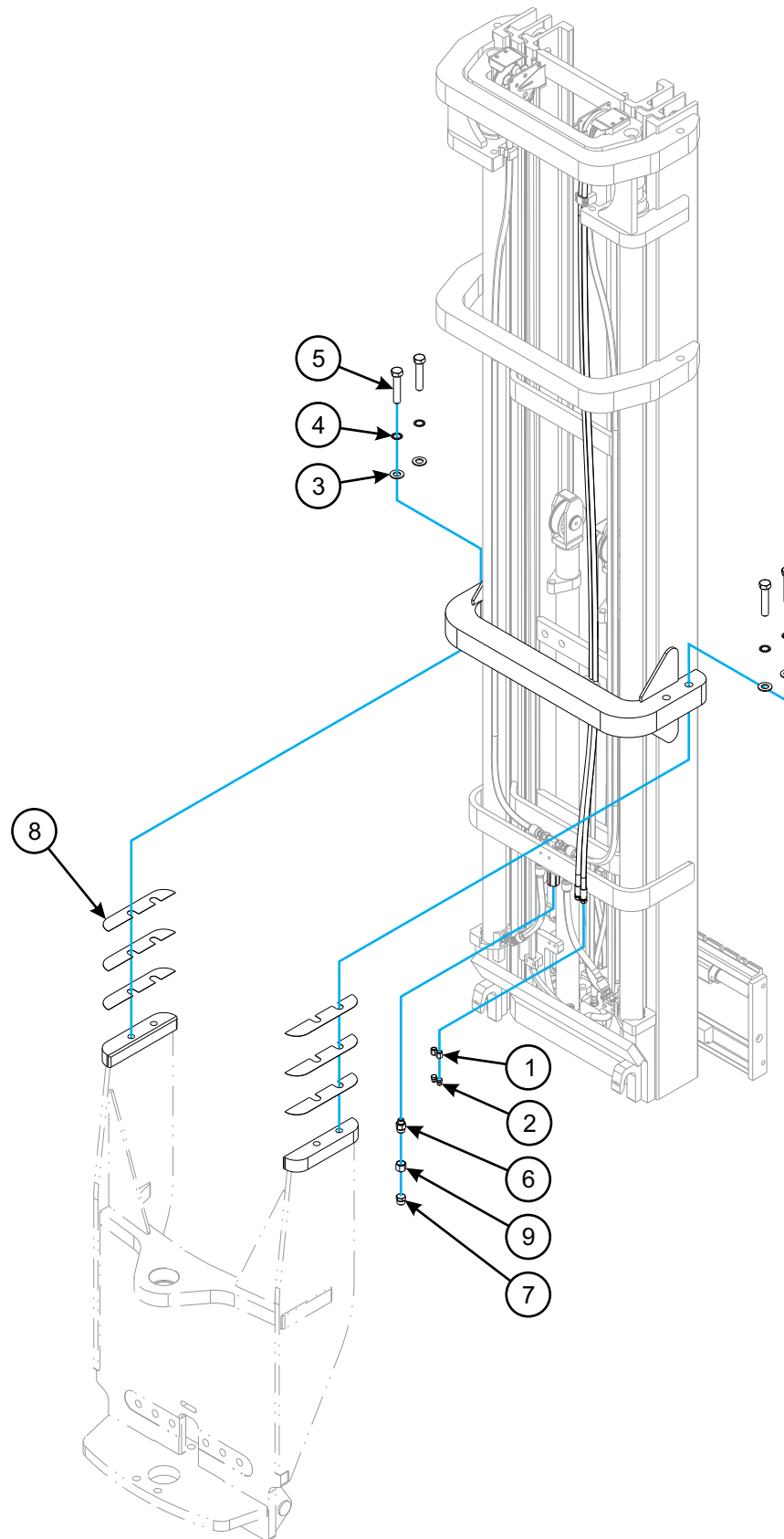


Figure 1-60: Mast Mount Components - B55HL Only

Mast Mount Components - B55HL Only

ITEM	PART NO.	DESCRIPTION	QTY.
1	189733	CAP,#6 ORS	2
2	189734	PLUG, #6 ORS	2
3	1-861-010032-22	WASHER,FL 7/8 ZP/CD	4
4	119554	WASHER, 7/8 LKG INTL TOOTH	4
5	172815	SCREW HX CP 7/8-9UNCX3-1/2 GR8	4
6	167736	ADAPTER, #12ORB X #10 ORS STRP	1
7	153522	PLUG , # 10 ORS	1
8	165751	SHIM, B55HL UPR MAST MNT	6
9	165754	CAP, #10 ORS	1

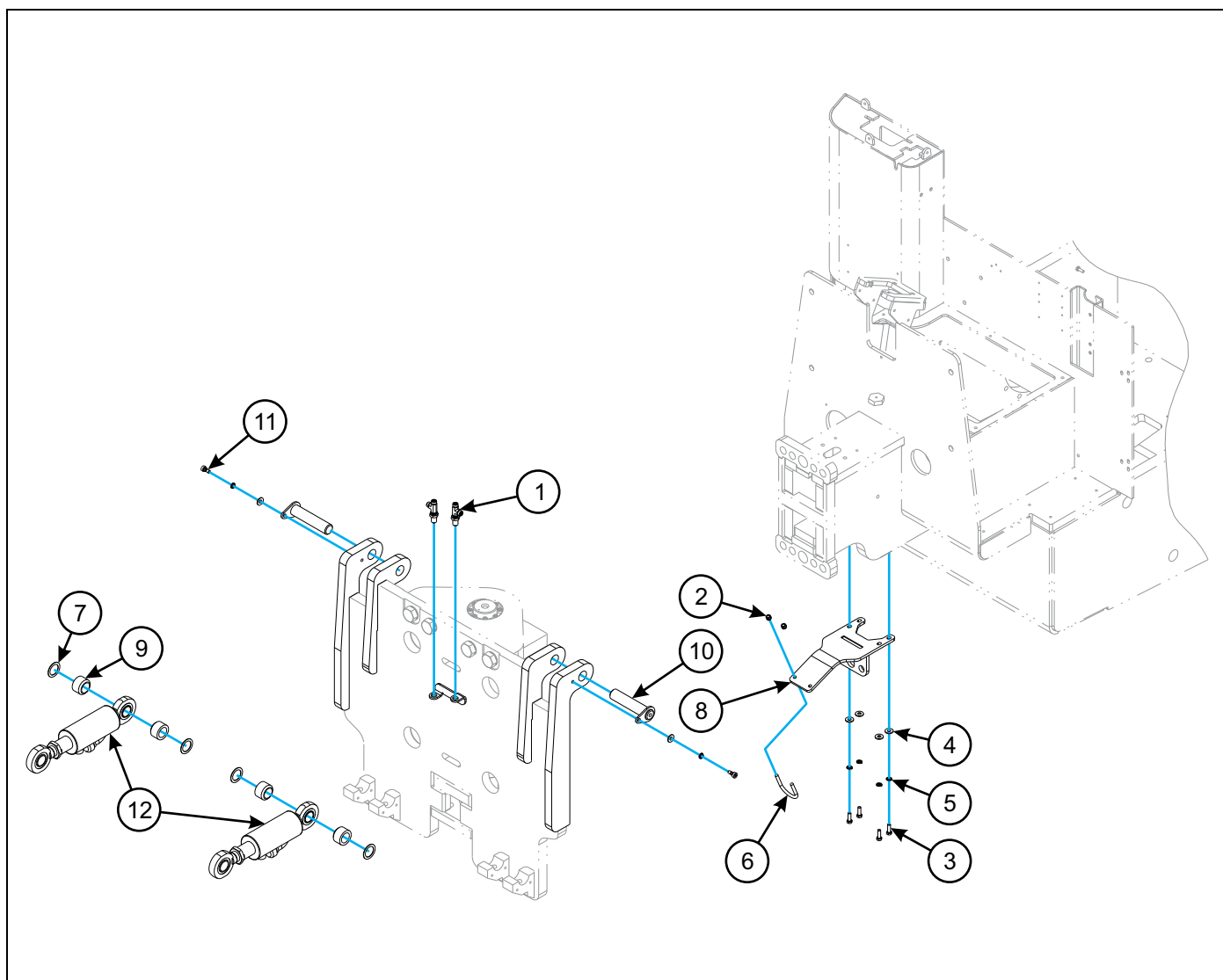


Figure 1-61: Tilt Installation - B55 Only

Tilt Installation - 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 (PRIOR TO DD/DD/DDDD)	1
8	178155	WLDMT,BT-DS II BULKHEAD (AFTER DD/DD/DDDD)	1
9	157362	SPCR BT-5 TILT CYL BLANK END	4
10	157363	PIN WLDMT, BT-5 TILT CYL	2
11	169760	SCREW HEX SHLDR 3/8 X 1/4	2
12	153528	CYLINDER,BT-AC LIMITED TILT (SEE PAGE 1-75)	2
12	153229	CYLINDER,BT-AC TILT (SEE PAGE 1-75)	2
13	1-394-010001	HOSE ABRASION SLEEVE X2 (NOT SHOWN)	4
14	1-394-010002	HOSE ABRASION SLEEVE X2-7/8 (NOT SHOWN)	4

Table provided for general use.

[illegible]

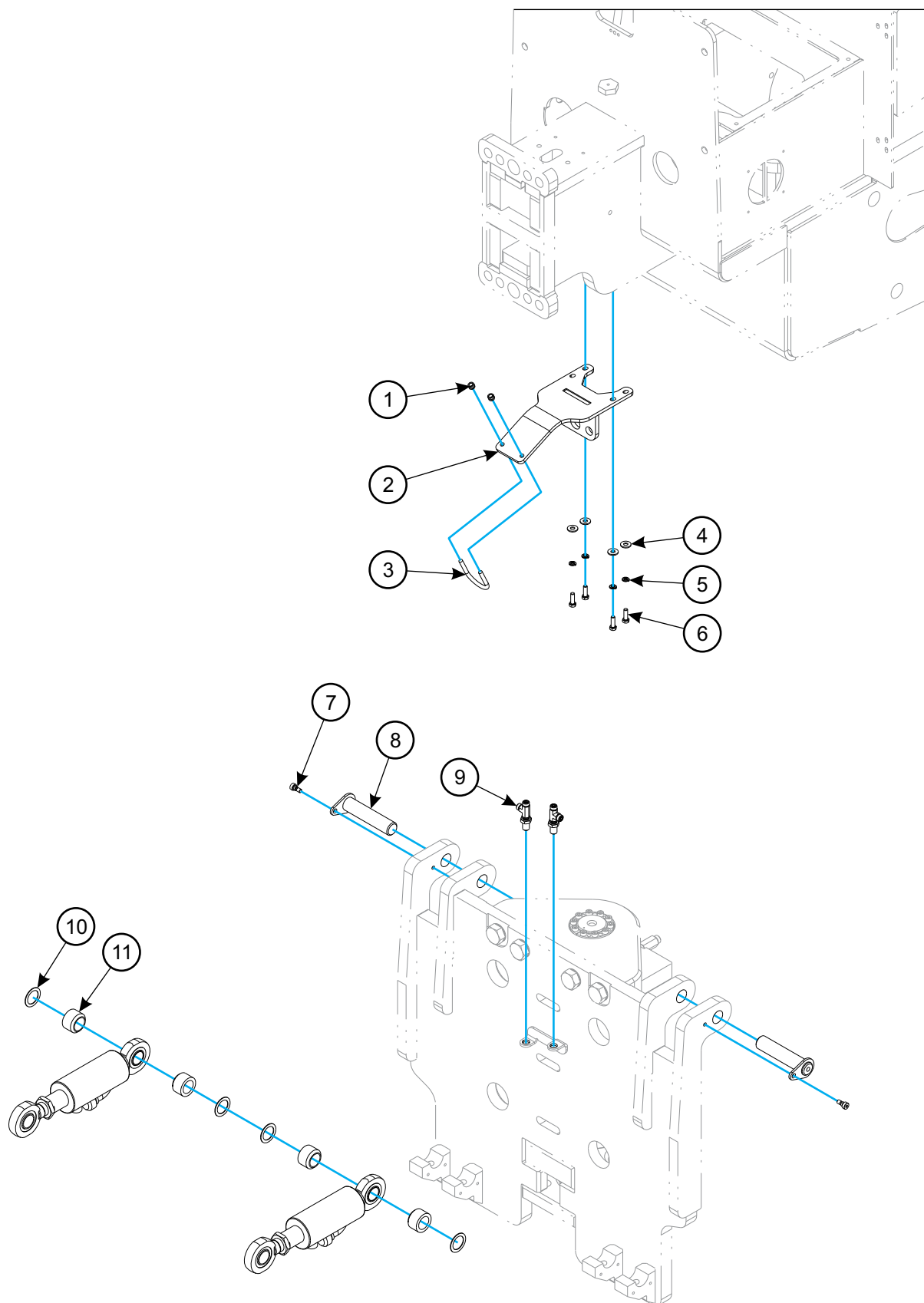


Figure 1-62: Tilt Installation 12/24/2013 and After

Tilt Installation 12/24/2013 and After

ITEM	PART NO.	DESCRIPTION	QTY.
1	1-512-010005-03	NUT HEX SLFLKG GRB 5/16-18	2
2	178155	WLDMT,BT-DS II BULKHEAD	1
3	124845	U-BOLT,5/16-18X2X2-11/16	1
4	1-861-010032-09	WASHER, FLAT 5/16 W ZP/CD	4
5	1-861-010034-10	WASHER,LKG 5/16	4
6	1-654-010049-05	SCREW HX CP 5/16-18UNCX1 GR5	4
7	169760	SCREW HEX SHLDR 3/8 X 1/4	2
8	157363	PIN WLDMT, BT-5 TILT CYL	2
9	0018126	FITTING BULKHEAD TEE TILTS	2
10	153523	WASHER,BT-AC TILT CYL SHIM	4
11	157362	SPCR BT-5 TILT CYL BLANK END	4

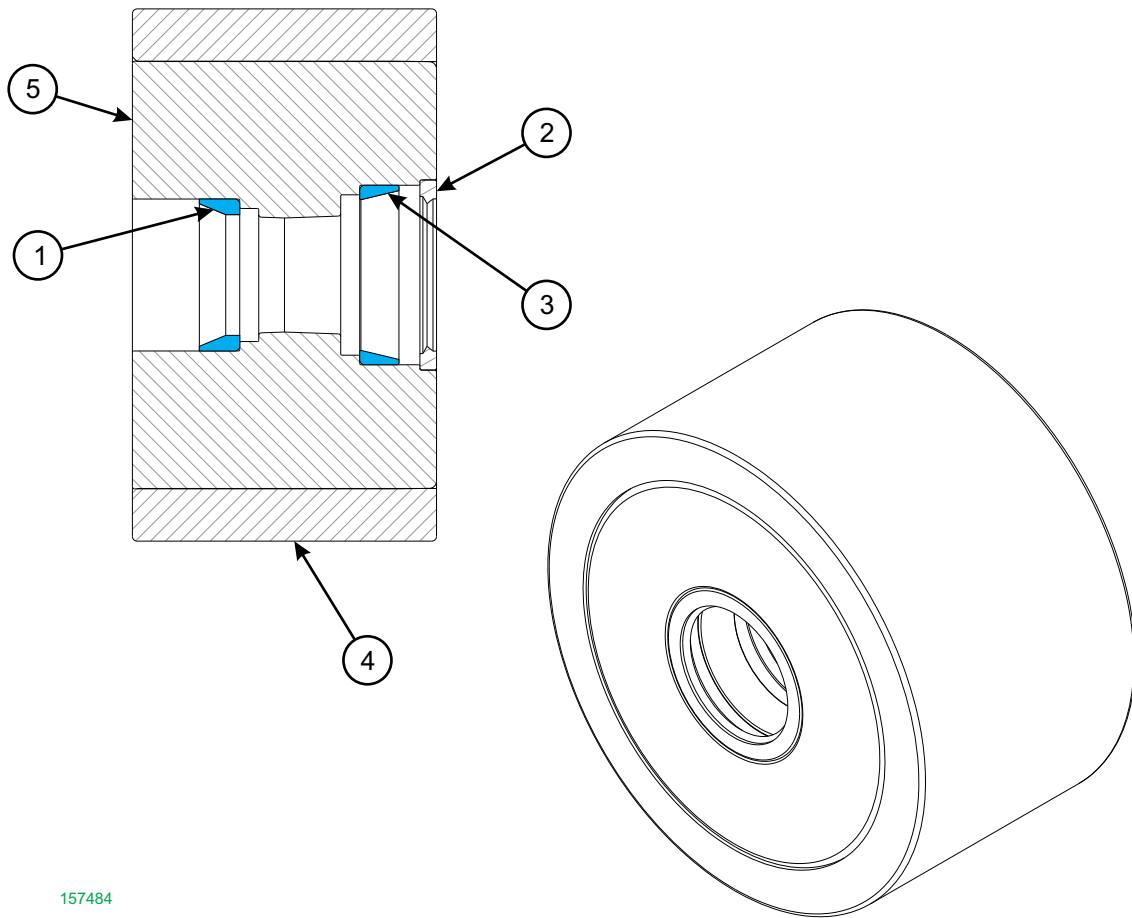
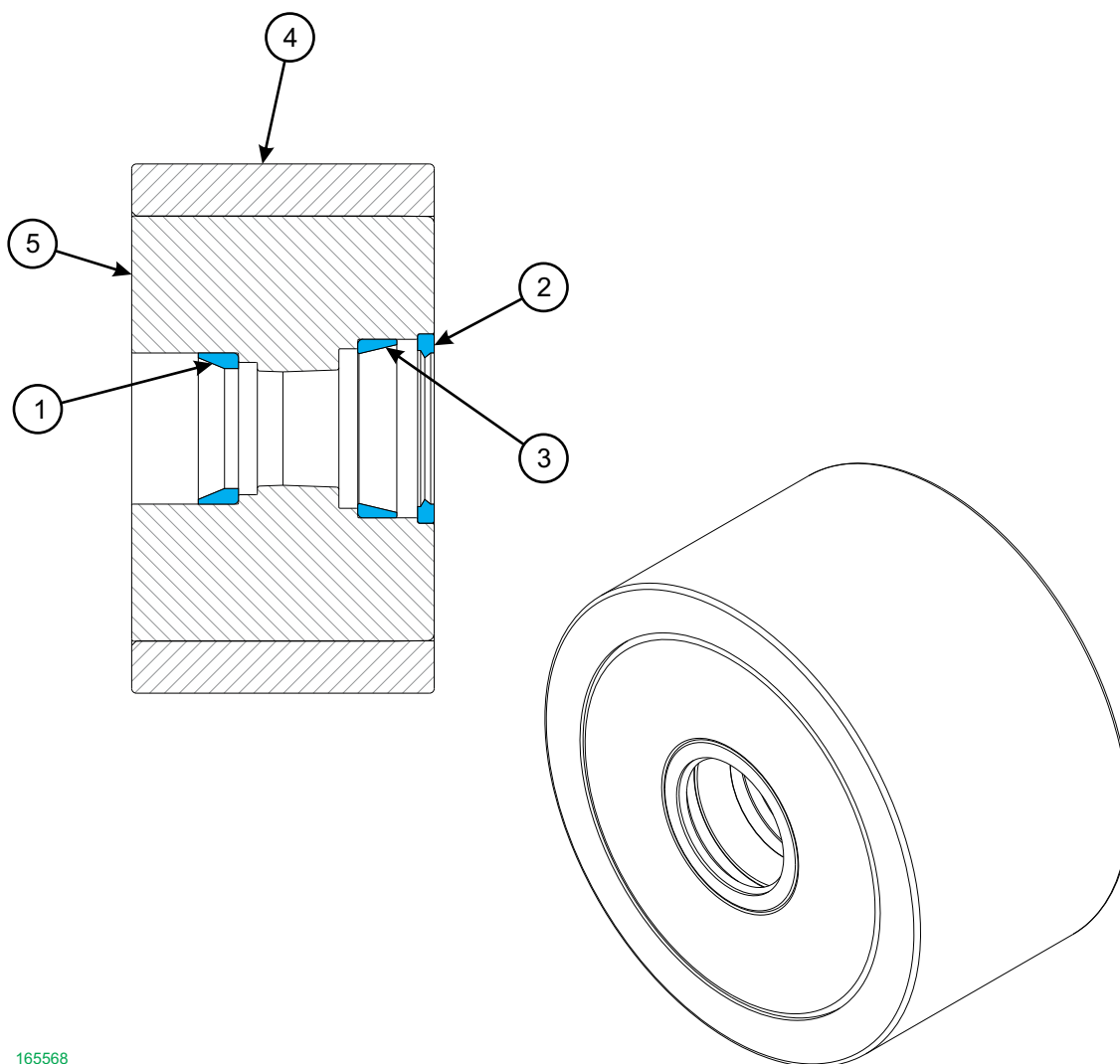


Figure 1-63: Wheel Assembly - B55 Only

Wheel Assembly - B55 Only

ITEM	PART NO.	DESCRIPTION	QTY.
	157484	WHEEL ASSY,B55 FRT LOAD B	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 B	2
5	157483	WHEEL, B55 FRONT LOAD D	2



165568

Figure 1-64: 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 D	2
5	165569	TIRE, BT55HL 15 X 8 X 11-1/4	2

Operator Compartment

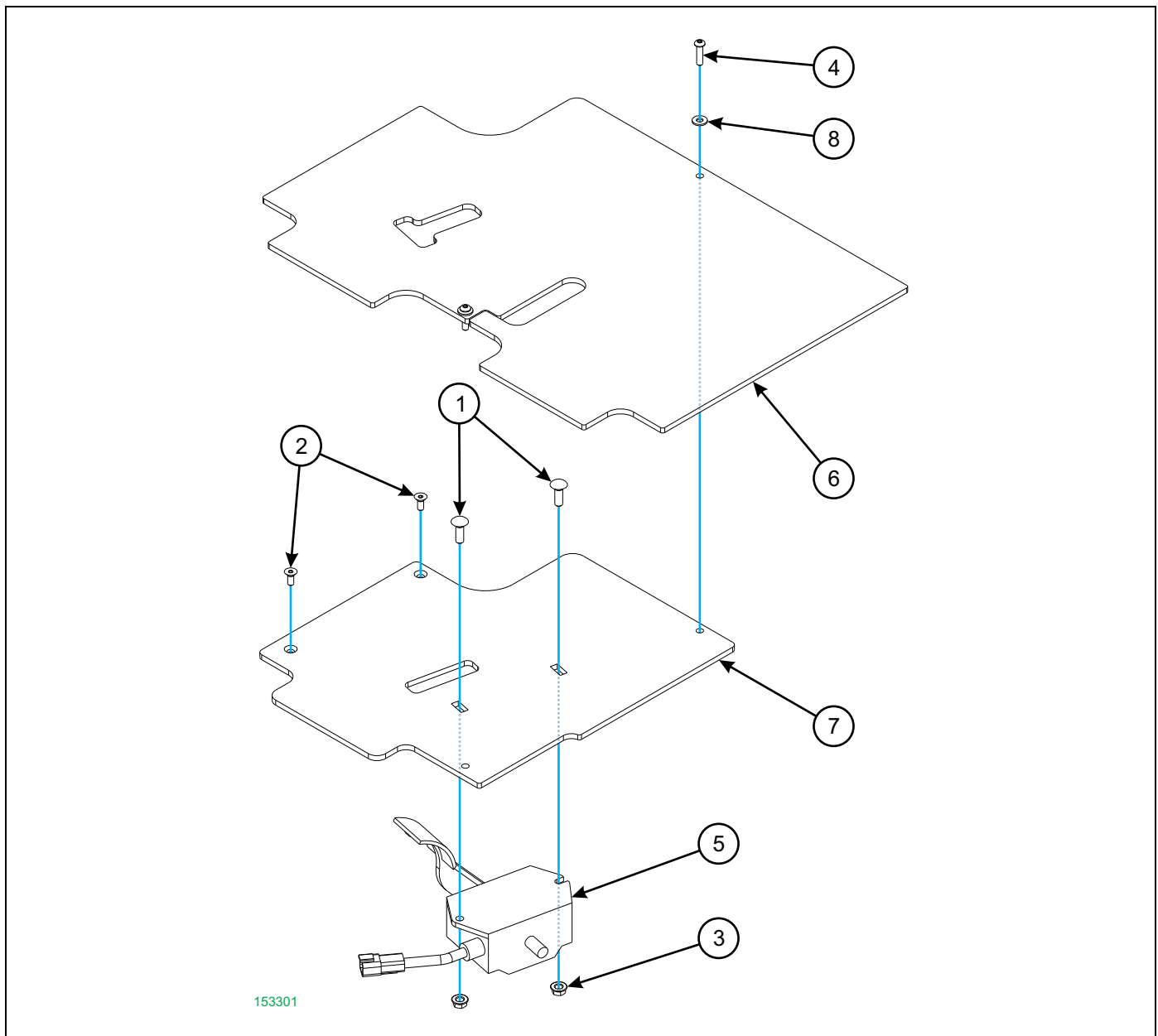


Figure 1-65: Accelerator Pedal Assembly

Accelerator Pedal Assembly

ITEM	PART NUMBER	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	1
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

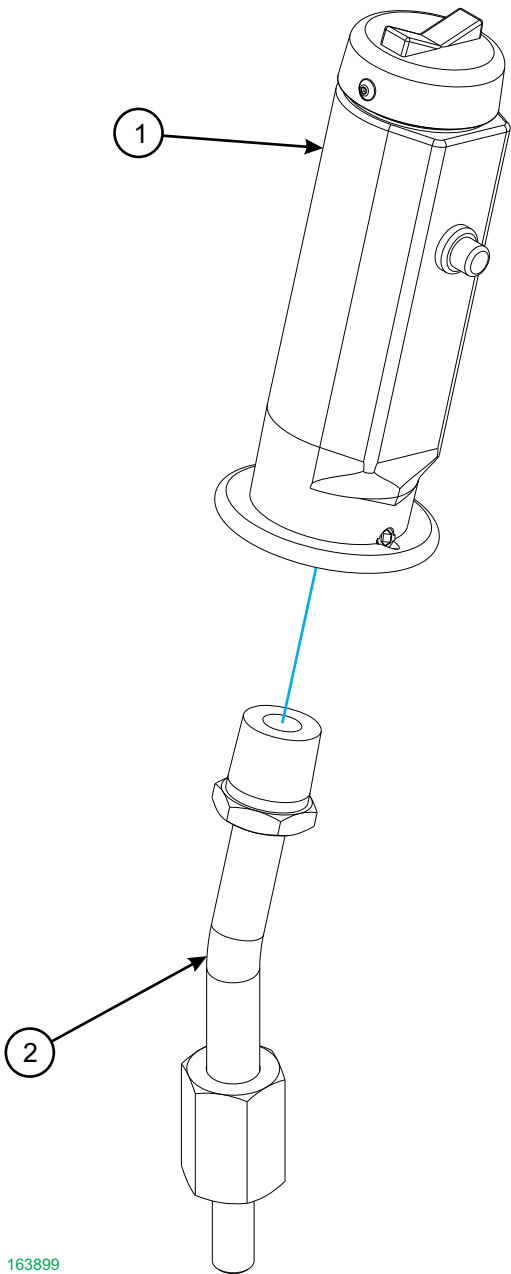


Figure 1-66: Lift Lever Assembly

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

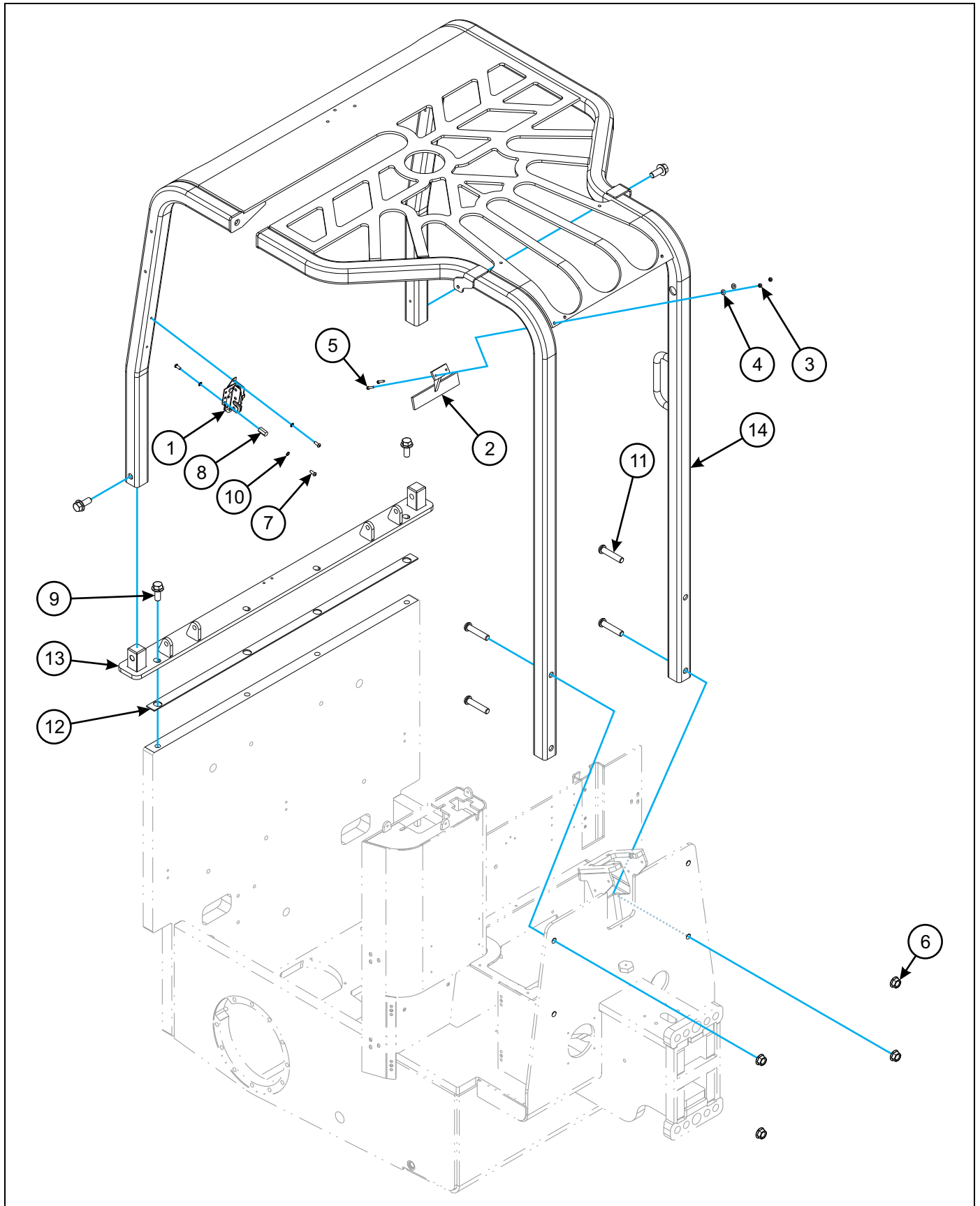


Figure 1-67: Overhead Guard Installation

ILLUSTRATED PARTS LIST**Overhead Guard Installation**

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	183201	NUT, T-SLOT, 5/8-11X3/4	2

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ILLUSTRATED PARTS LIST

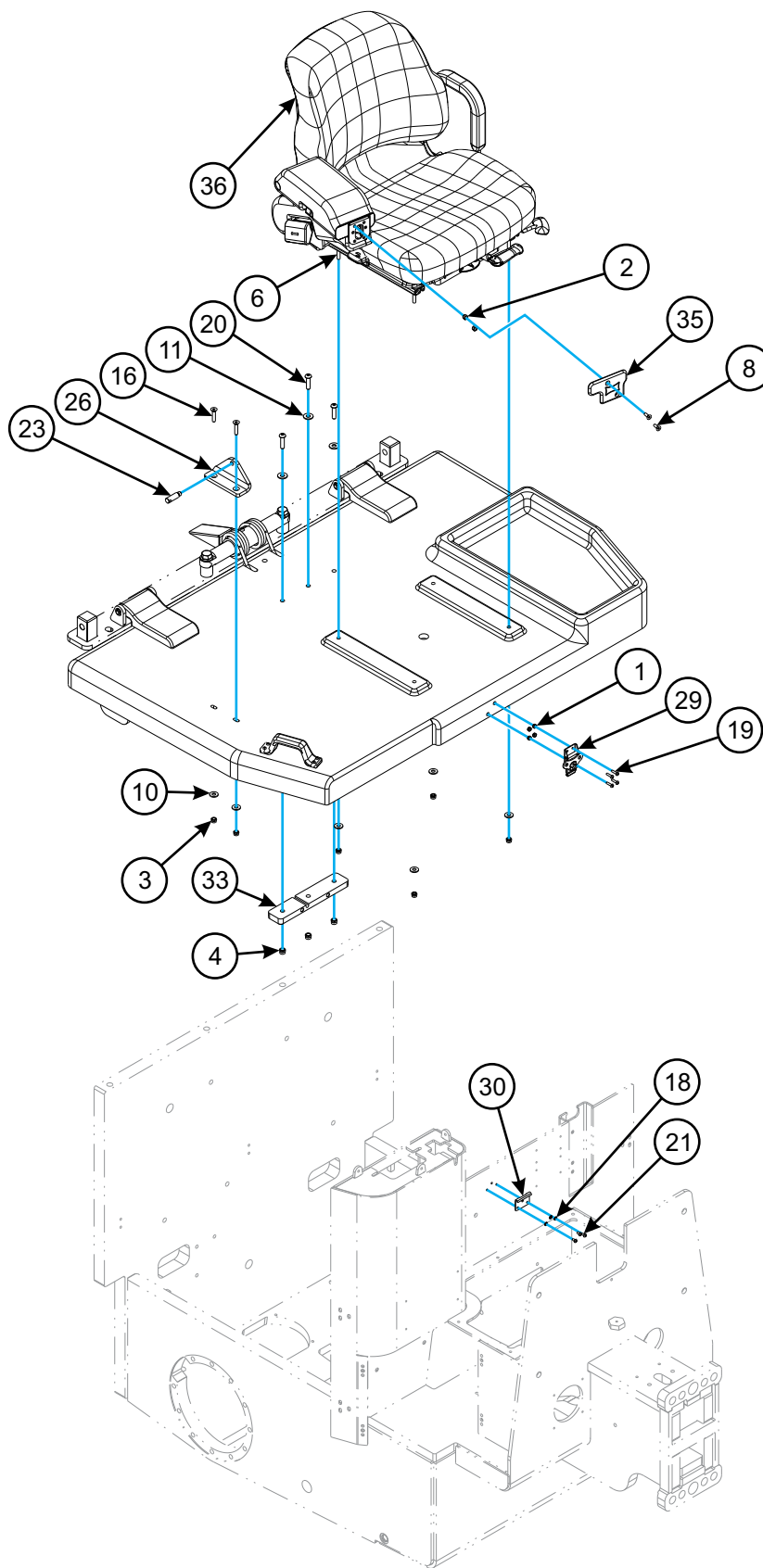


Figure 1-68: Seat and Seat Base Installation (1 of 2)

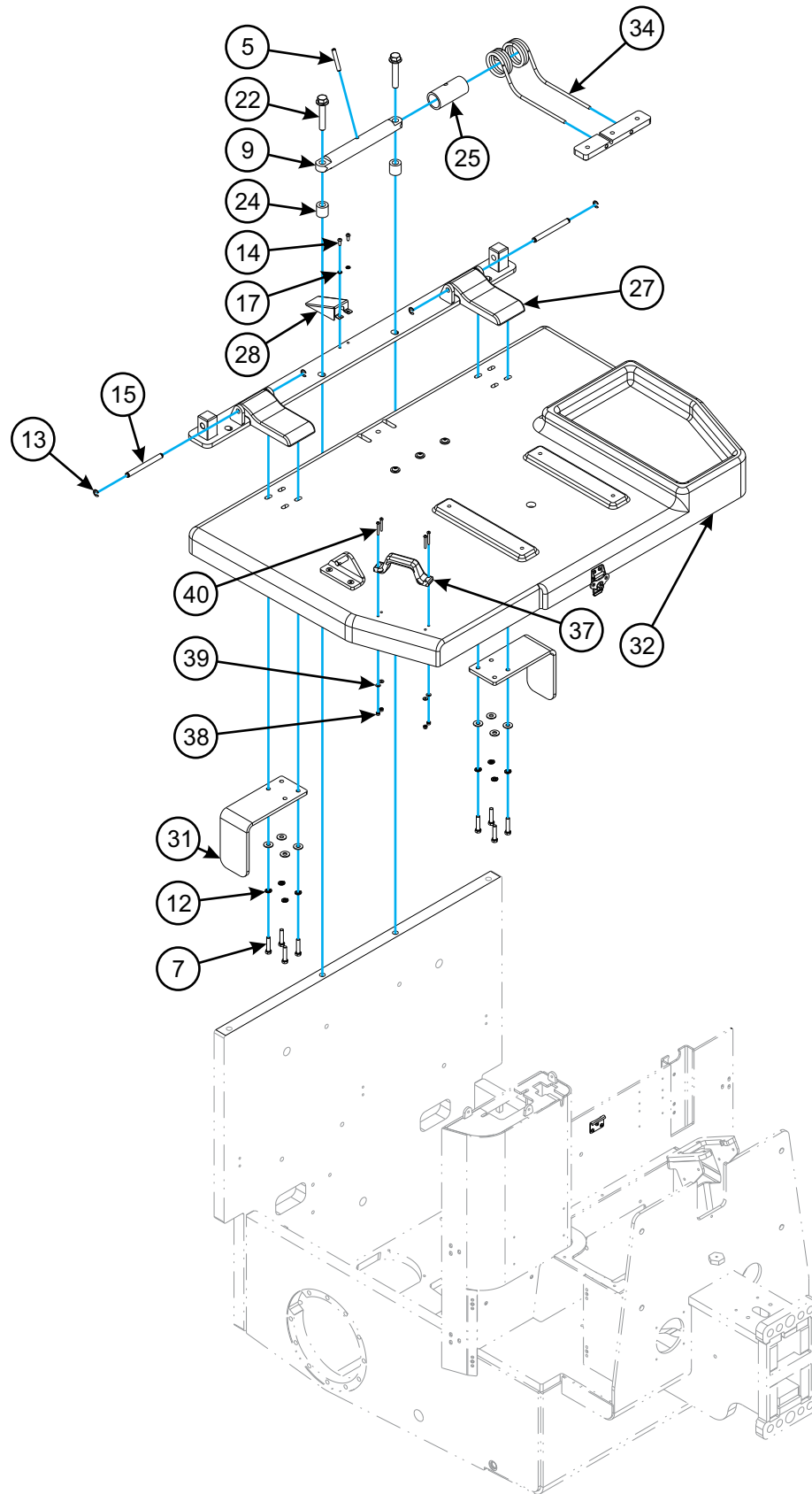
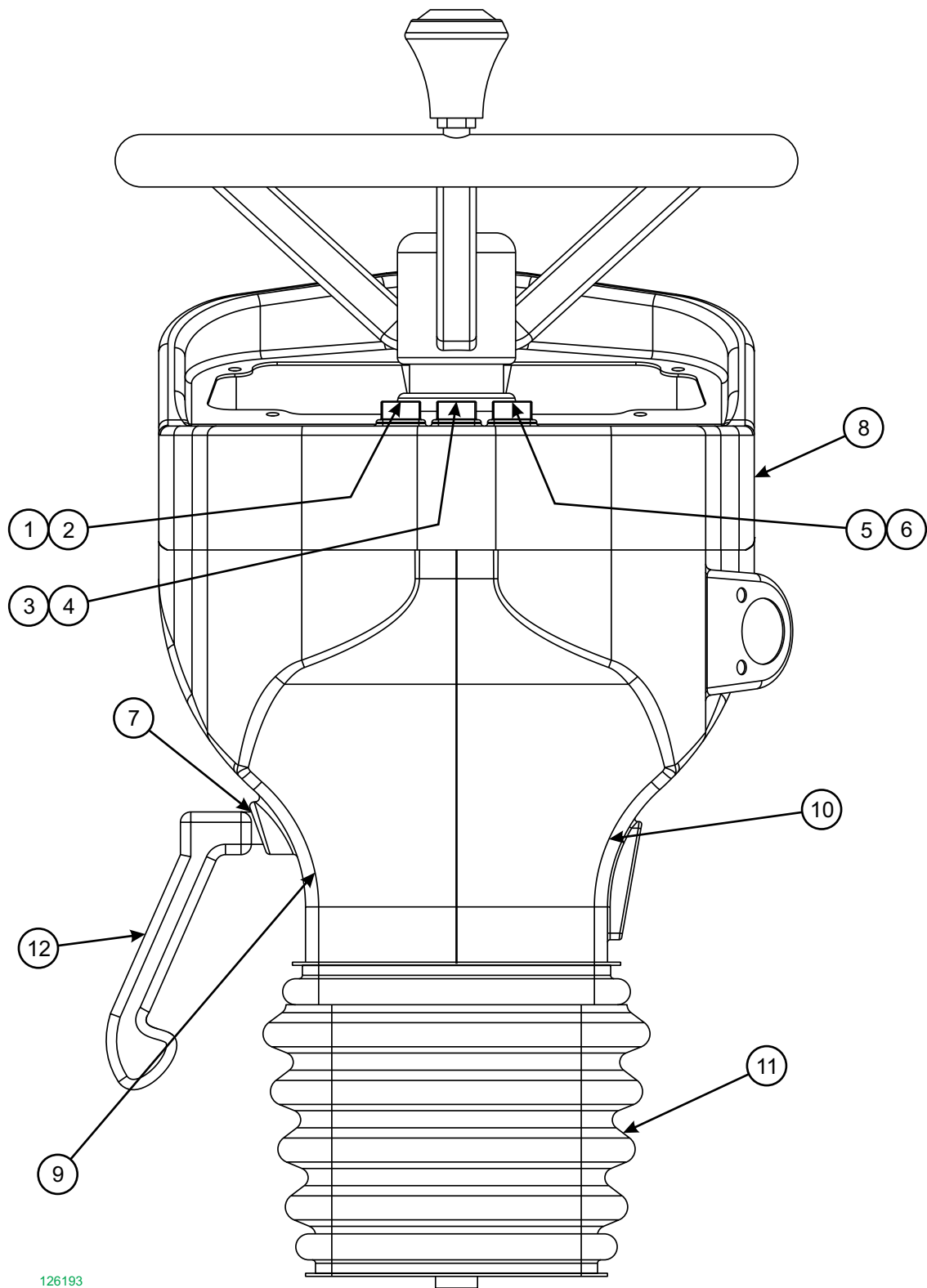


Figure 1-69: Seat and Seat Base Installation (2 of 2)

ILLUSTRATED PARTS LIST**Seat and Seat Base Installation**

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
36	154576	SEAT, CLOTH ADJ ARM W/SWVL	1
37	0011037	HANDLE, COVER	1
38	1-512-010004-03	NUT,HEX,SLFLK 10-24UNC, GRA	4
39	1-861-010032-03	WASHER, FLAT #10 ZP/CD	4
40	131339	SCREW,BHSC #10-24UNCX1-1/2	4
41	110470	SURFACE RACEWAY (NOT SHOWN)	
42	43029	HOSE WRAP AEROQUIP 1/4 (NOT SHOWN)	



126193

Figure 1-70: Steering Column Assembly

ILLUSTRATED PARTS LIST

Steering Column Assembly

ITEM	PART NUMBER	DESCRIPTION	QTY.
	126193	STEERING COLUMN, I/C	
1	128093	SWITCH (0058-0346) N	1
2	128082	ROCKER BUTTON (0011-0618)	1
3	128083	SWITCH (0058.0345) N	1
4	128084	ROCKER BUTTON (0011-0638)	1
5	128085	SWITCH (0058-0310) N	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 (INCLUDES PLUGS/CONNECTORS FOR SWITCHES)	REF

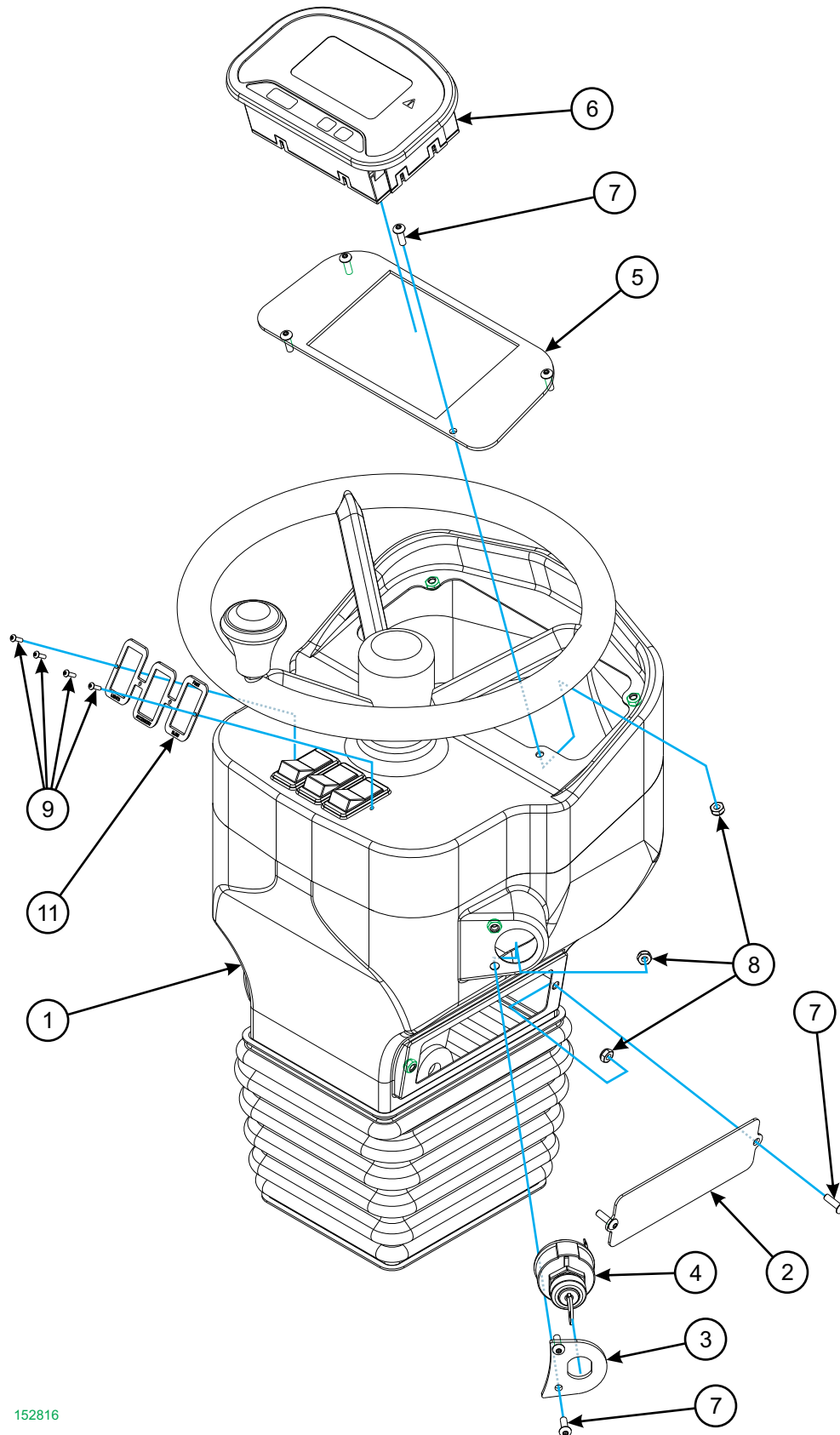


Figure 1-71: Steering Column and Dash Display Assembly

ILLUSTRATED PARTS LIST

Steering Column and Dash Display Assembly

ITEM	PART NUMBER	DESCRIPTION	QTY.
	152816	STEERING COLUMN ASSY,BT-AC	
1	126193	STEERING COLUMN, I/C (SEE PAGE 1-113)	1
2	129626	MOUNT,CIRCUIT BRK BLANK BT-4	1
3	135568	PLATE BT HEAVY DUTY KEYSWITCH	1
4	135617	KEYSWITCH,2POSITION,HEAVYDUTY	1
5	146057	PANEL, ENGAGE IV DASH	1
6	146297	DISPLAY, ENGAGE IV DASH	1
7	169764	SCREW B4SC 10-32X.600 ZP	8
8	1-512-010003-05	NUT HEX SLFLKG W/NYL 10-32	8
9	107539	SCREW PNHD 6-32X1/2 SSHK	4
10	151398	HARNESS, SER V DASH (NOT SHOWN)	1
11	153310	PLACARD,BT-4.5 COLUMN SWITCH	1

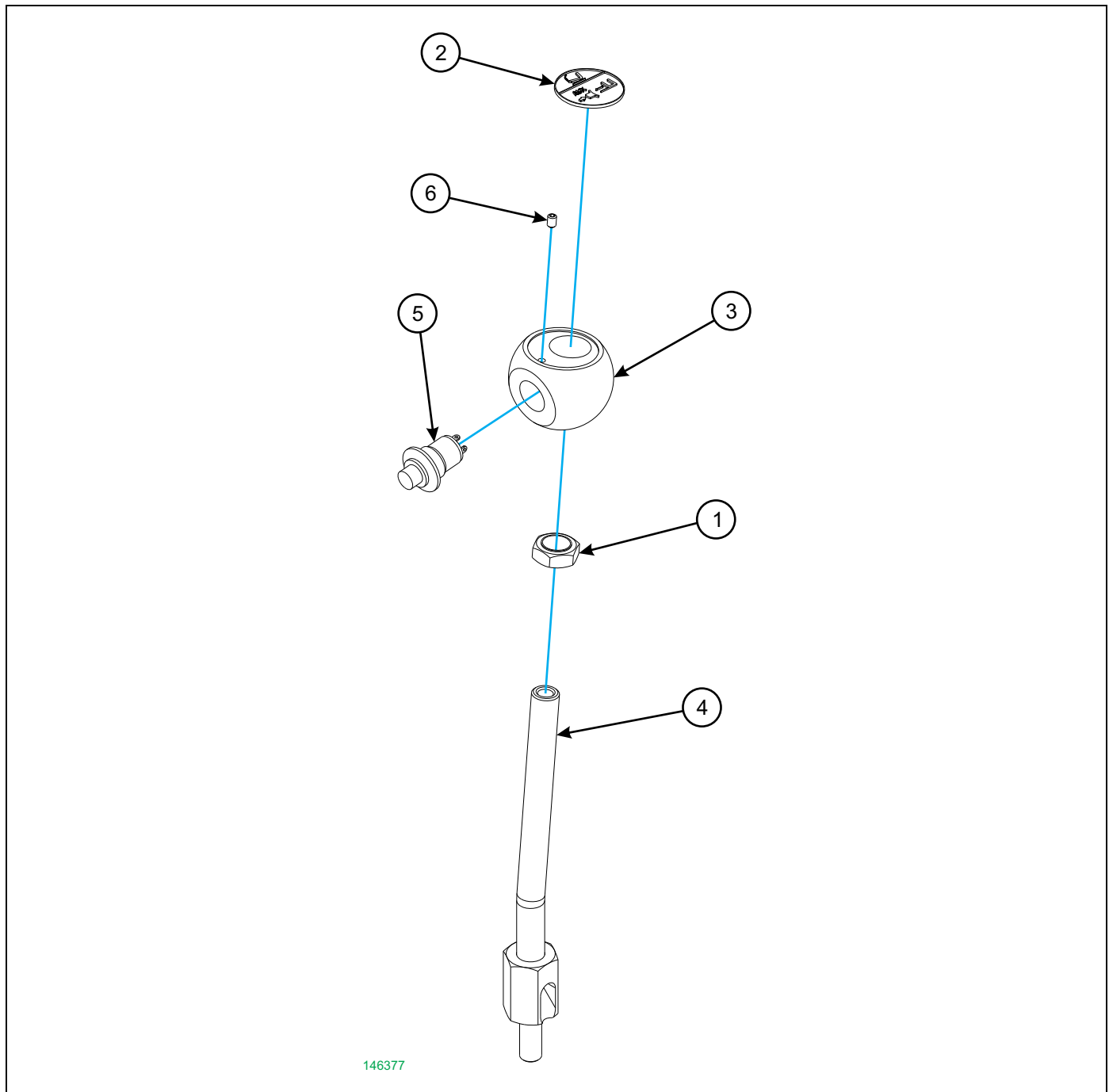


Figure 1-72: Tilt Lever Assembly - B55HL Only

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, 2 POS 3 WAY PB	1
6	21GM46ER	SCR, SET, CUP PT M4 .7X6LG	1

Powertrain

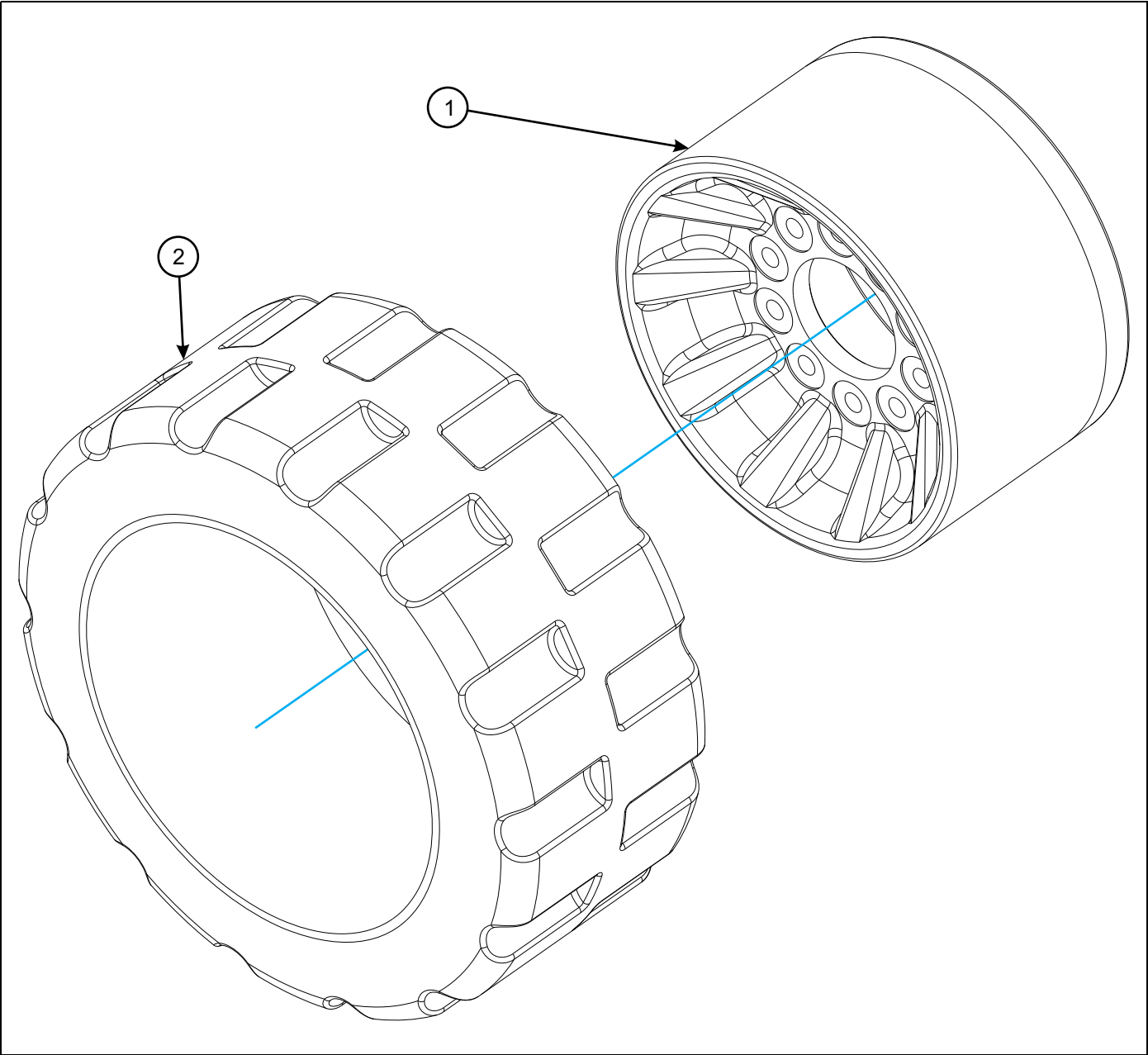


Figure 1-73: Drive Wheel Components

Drive Wheel Components

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

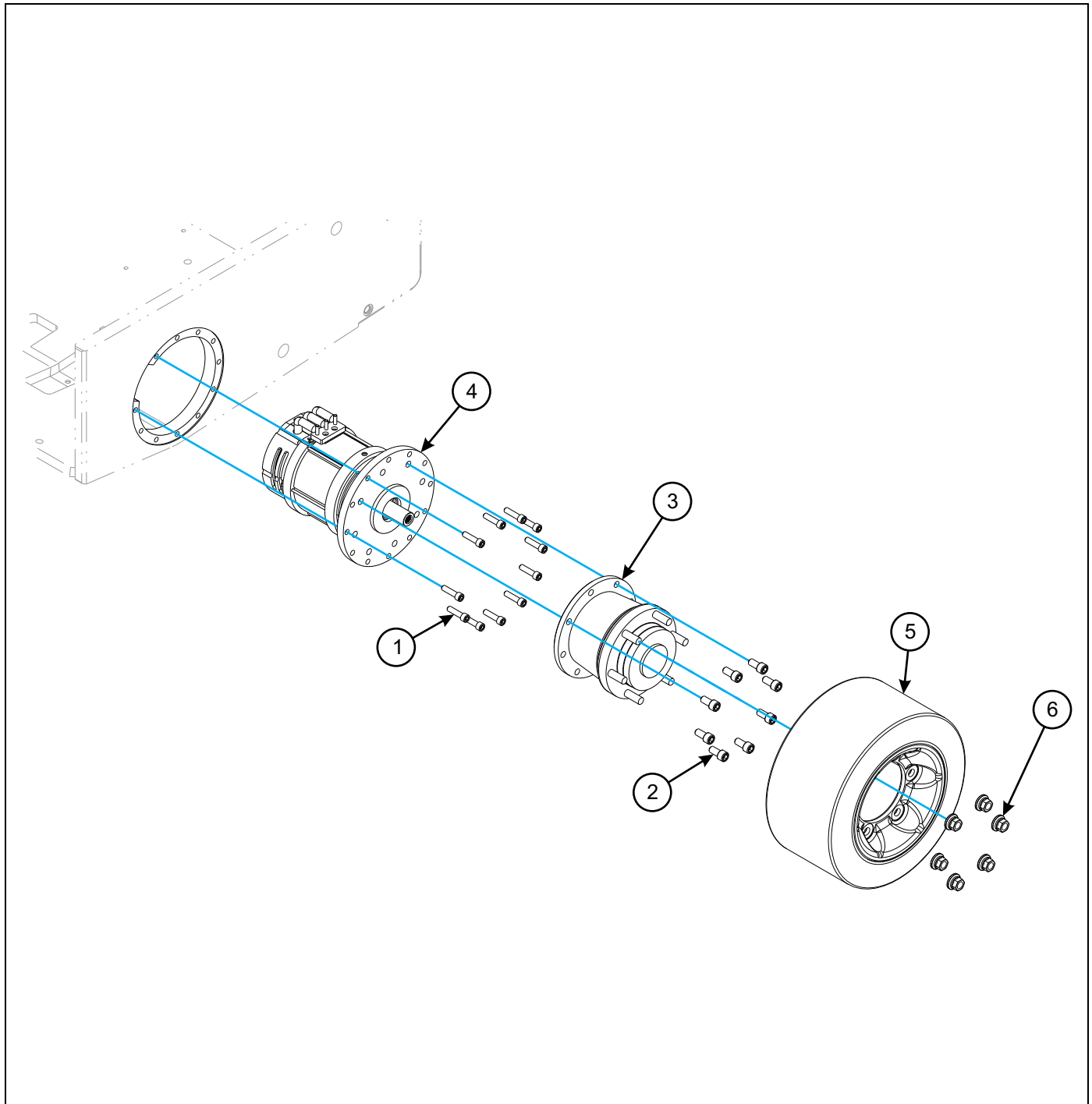


Figure 1-74: Drive Wheel & Motor Installation

Drive Wheel & Motor Installation

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 1-59)	2
4		MOTOR,5.7KW AC FLANGE MOTOR (SEE PAGE 1-49)	2
5		WHEEL ASSEMBLY (SEE PAGE 1-118)	2
6	131455	LUG NUT,BREVINI M18X1.5	12

ILLUSTRATED PARTS LIST

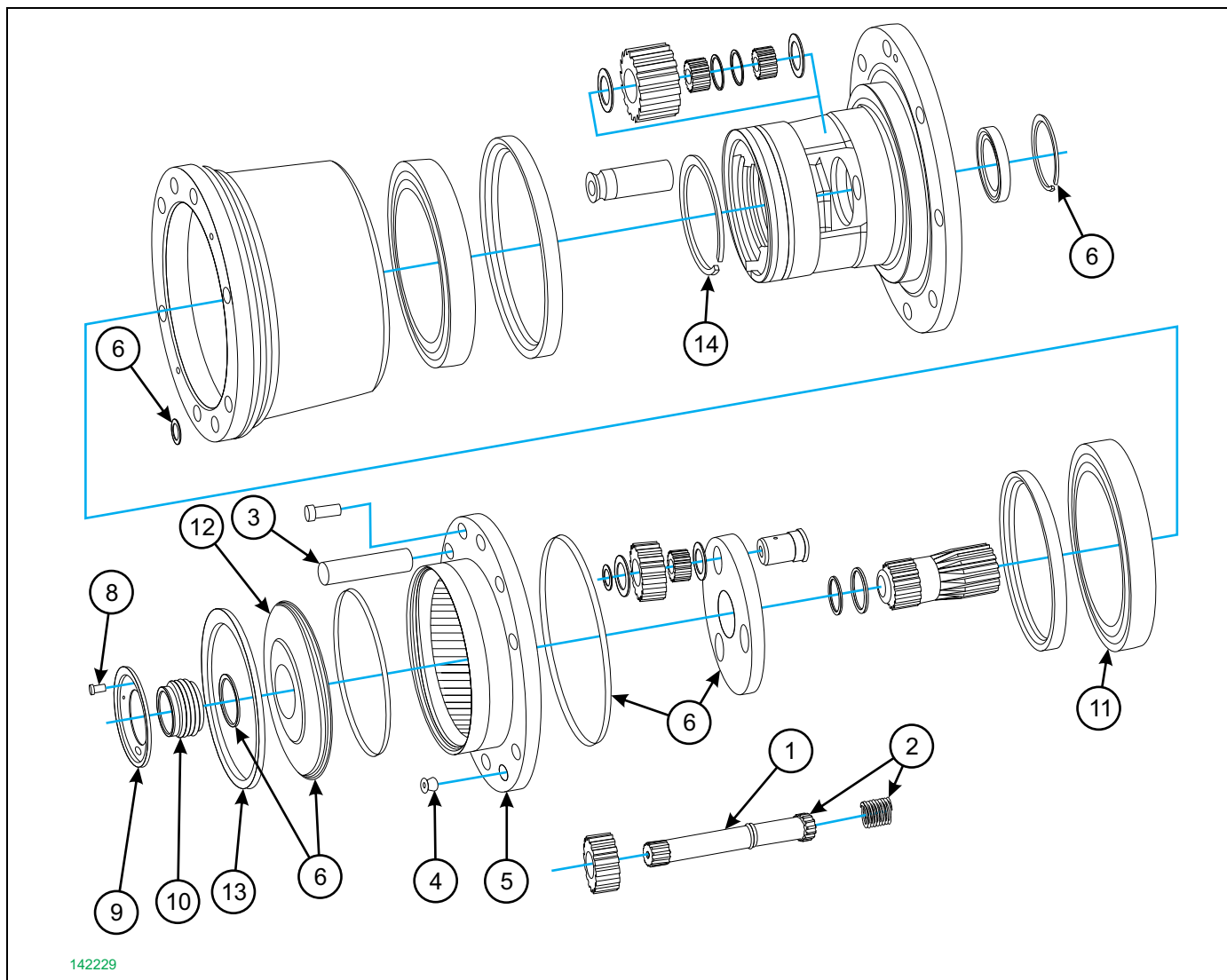


Figure 1-75: Gearbox Assembly, 29:1 In-Line, Brevini

Gearbox Assembly, 29:1 In-Line, Brevini

ITEM	PART NUMBER	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 (DOES NOT INCLUDE ITEM 11)	REF
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

Options

Accessories

ITEM	PART NO.	DESCRIPTION	QTY.
1	125992	ACCESSORIES,FIRE EXTINGUISHER	
2	0030020	FIRE EXTINGUISHER FORKLIFT	
3	1/4-20X3/4 SELF	SCREW HEX HEAD THREAD CUT	
4	105-0211	TYWRAP 3/16-3-1/2DIA TY-527MX	
5	129191	KIT 48V EXTRA FUNCTION (INCLUDES THE FOLLOWING 8 ITEMS)	
6	105-0211	TYWRAP 3/16-3-1/2DIA TY-527MX	
7	129194	KIT 48V EXTRA FUNC SOLENOID	
8	622-2967-001	RECEPTACLE 2 POS (MALE)	
9	622-2967-002	PLUG 2 POS. (FEMALE)	
10	622-2967-013	PIN, 16-18AWG, SOLID	
11	622-2967-015	SOCKET, 16-18AWG, SOLID	
12	622-2967-017	WEDGE 2 POS RECEPTACLE	
13	622-2967-018	WEDGE, 2 POS PLUG	
14	140222	PAINT YELLOW SPRAY CAN 7323K	
15	101601	PAINT,CASCADE FLAT BLACK	
16	0033016	BAND H.S. LIFT MOTOR SOLID	
17	0012521	GREASE,COLD STORAGE	
18	1-341-010004-2	GREASE,HIGH PRFM LUBE (DRUM)	
19	519-8954	RUST INHIBITOR, LPS-3 11OZ CA	
20	131560	BAND KIT,ADC 5.5KW MTR SOLID	
21	1408403	BRACKET FOR 5 LB EXTINGUISHER	
22	51198	FIRE EXTINGUISHER DRY 5 LB	
23	1-394-010001	HOSE ABRASION SLEEVE X2	
24	1-394-010002	HOSE ABRASION SLEEVE X2-7/8	

Table provided for general use.

[illegible]

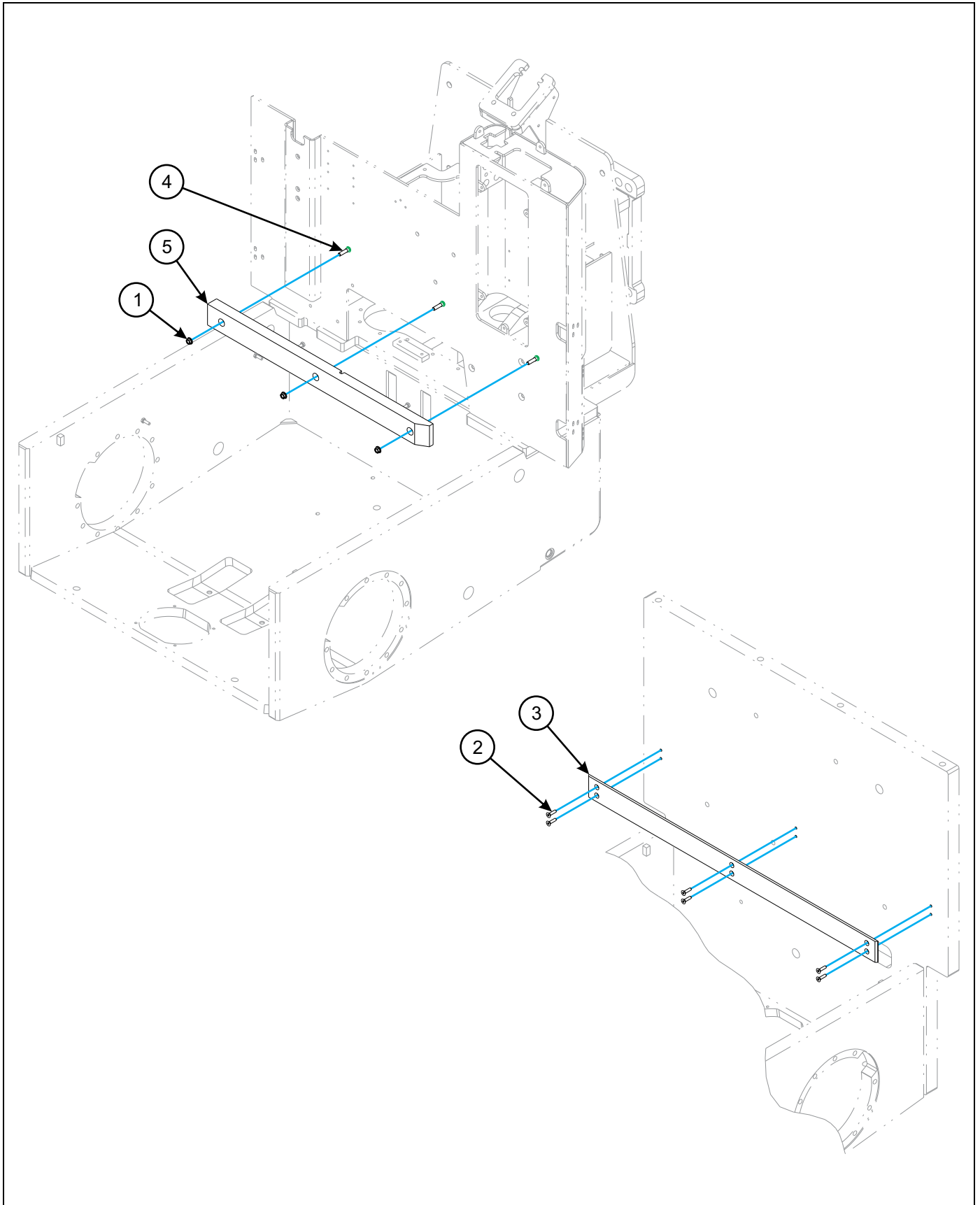


Figure 1-76: Battery Guide Installation

Battery Guide Installation

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

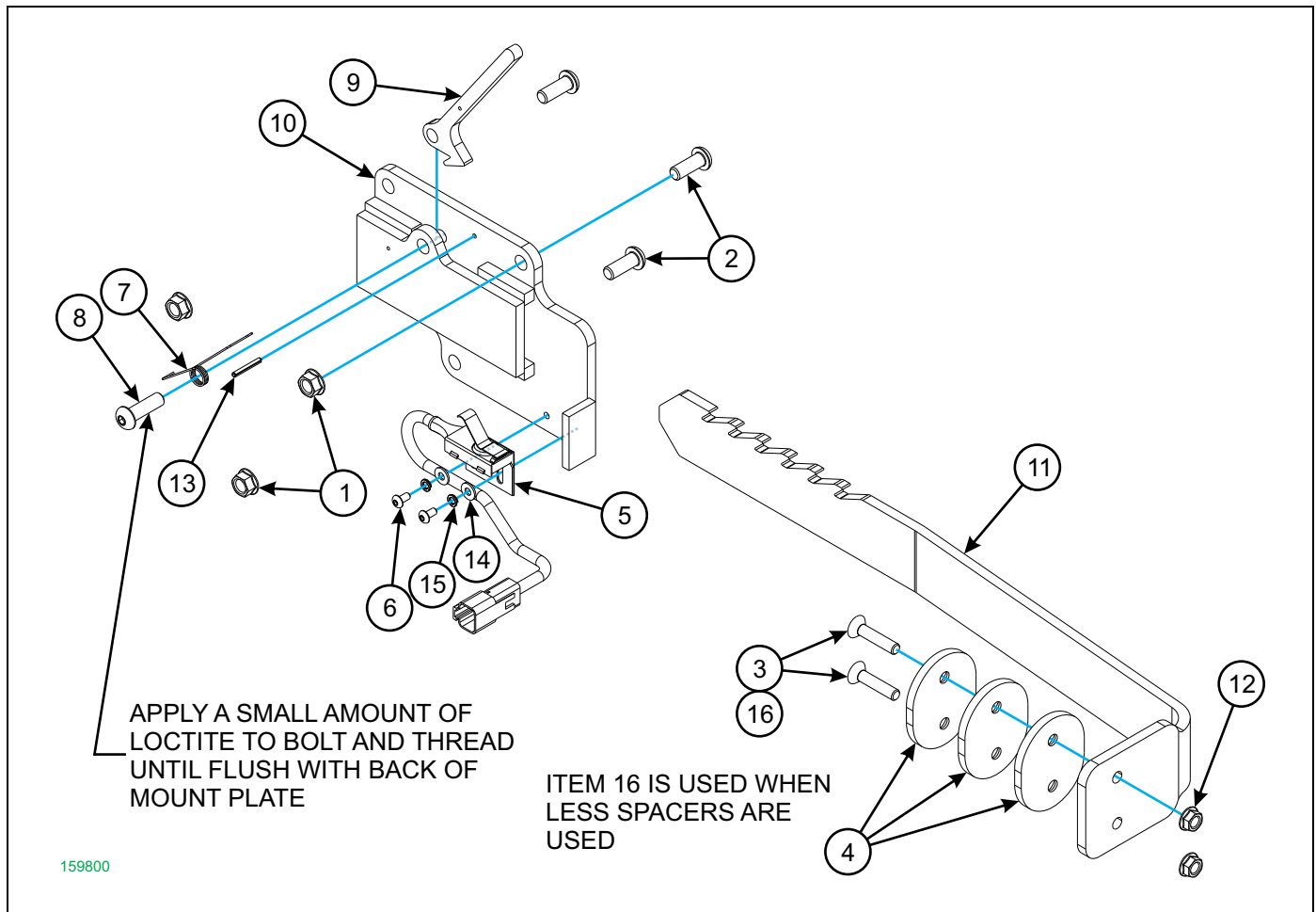


Figure 1-77: Battery Restraint Assembly

Battery Restraint Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
	159800	RESTRAINT ASY,B55 ROLLOUT BAT	
1	107470	NUT,SPIRALOCK 3/8-16HX	3
2	108336	SCREW SKT BTN 3/8-16X1	3
3	108407	SCREW,HXSKT CTSK 5/16-18X1.5	2
4	108408	PLATE,ROLLOUT BTRY SPACER	AR
5	109520	SWITCH,ROLLOUT REST LIM	1
6	114849	SCREW,BHSC #10-24UNCX3/8	2
7	127769	SPRING, TORSION	1
8	130405	SCREW,BHSC 3/8-16UNCX1-1/4	1
9	131429	CATCH ROLLOUT BAT RST BT	1
10	131449	MOUNT ROLLOUT BAT RST BT WLD	1
11	159799	BAR,B55 ROLLOUT BAT RSTR	1
12	1-510-010004-03	NUT HX FLANGE, 5/16-18 GR8	2
13	1-647-010004117	SPRING PIN,SLOTTED 1/8X1	1
14	1-861-010032-03	WASHER, FLAT #10 ZP/CD	2
15	1-861-010034-07	WASHER,LKG,HLCL SPR, NO 10	2
16	111311	SCREW HX SKTCTSK,5/16-18X3/42	2

Quantities for item 4 may vary depending on the battery size.

Table provided for general use.

[illegible]

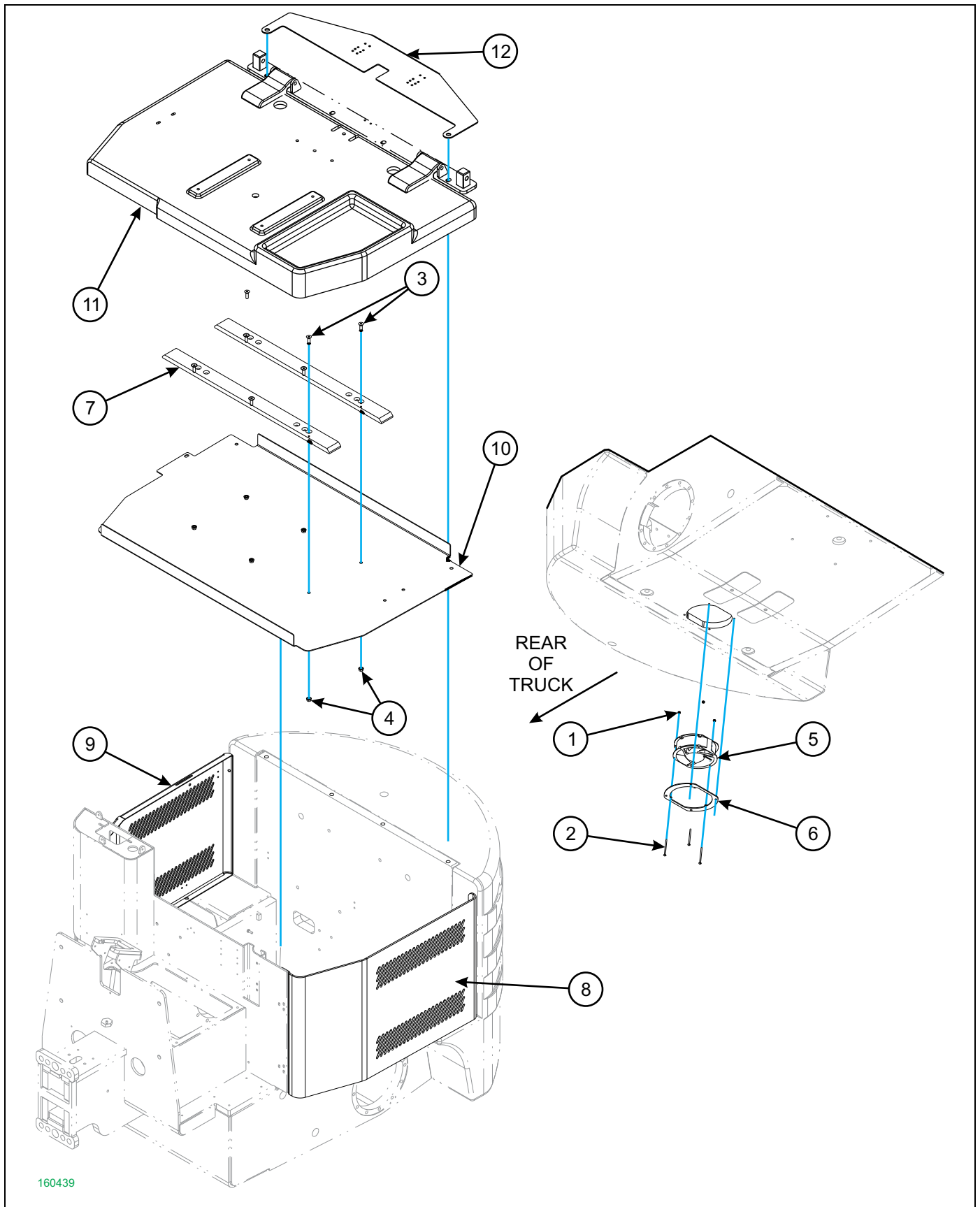


Figure 1-78: Fast Charge Battery Assembly

ILLUSTRATED PARTS LIST**Fast Charge Battery Assembly**

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
12	182763	PLATE, B55 BAT CONNECTOR MOUNT	1

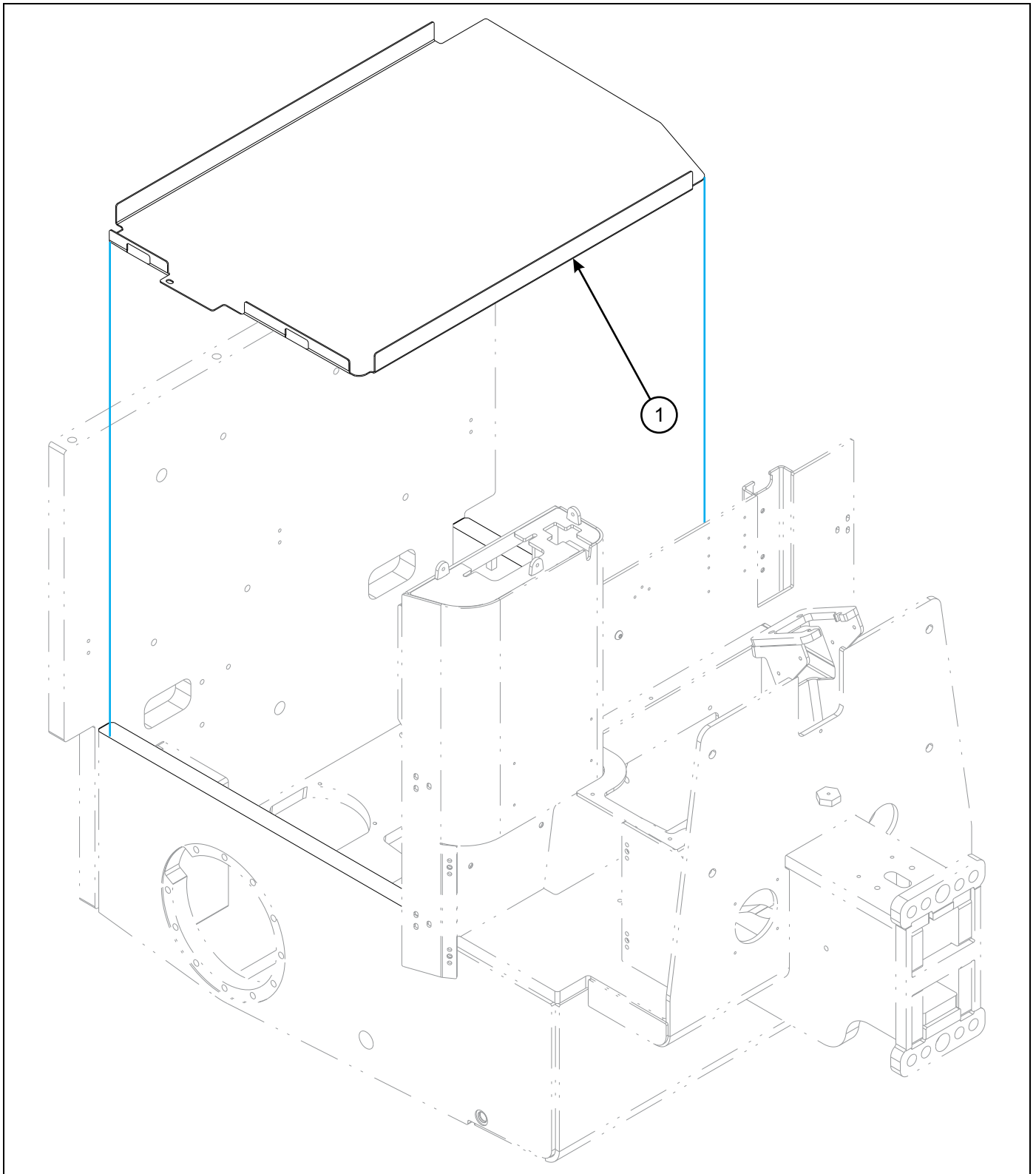
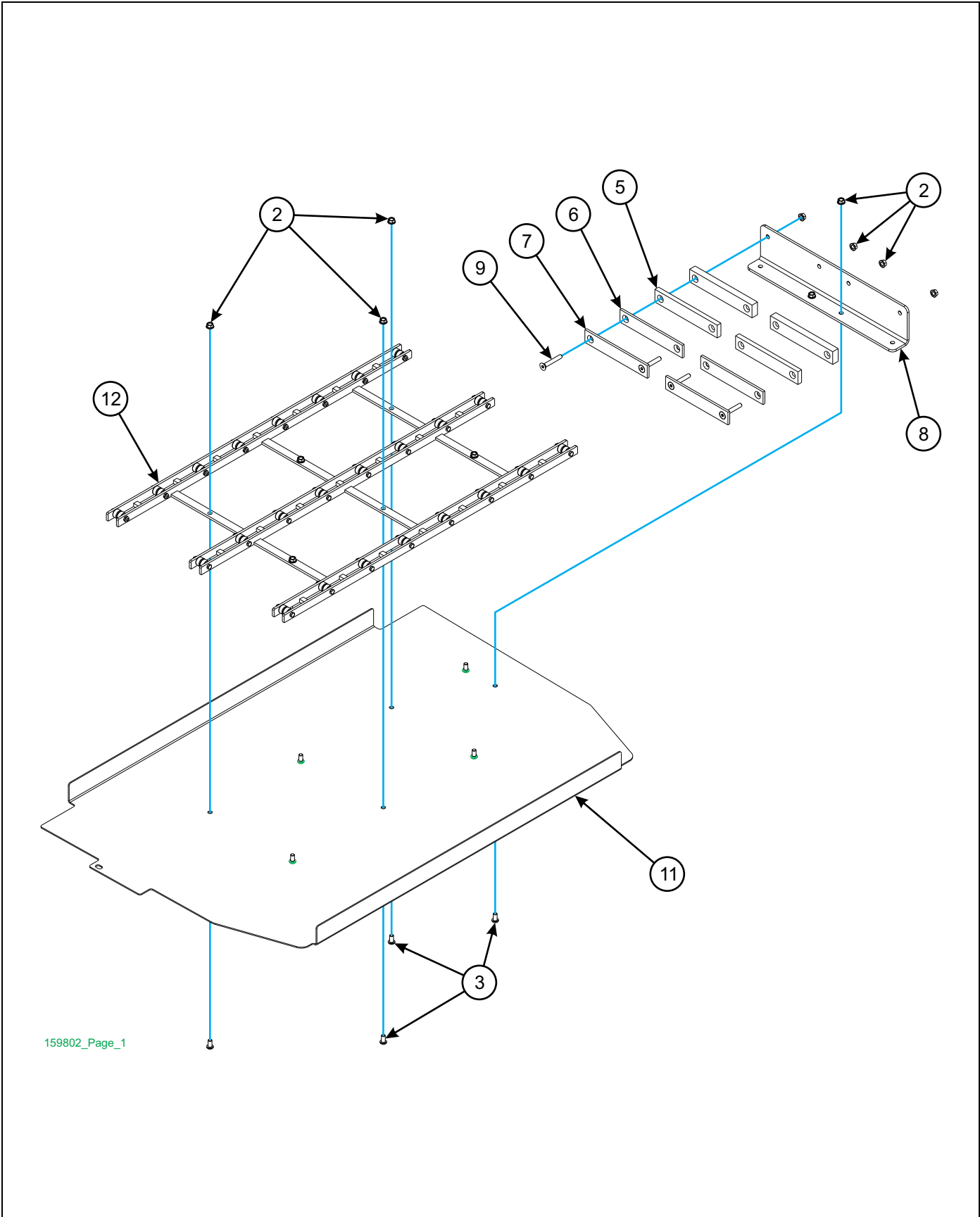


Figure 1-79: Liftout Battery Tray

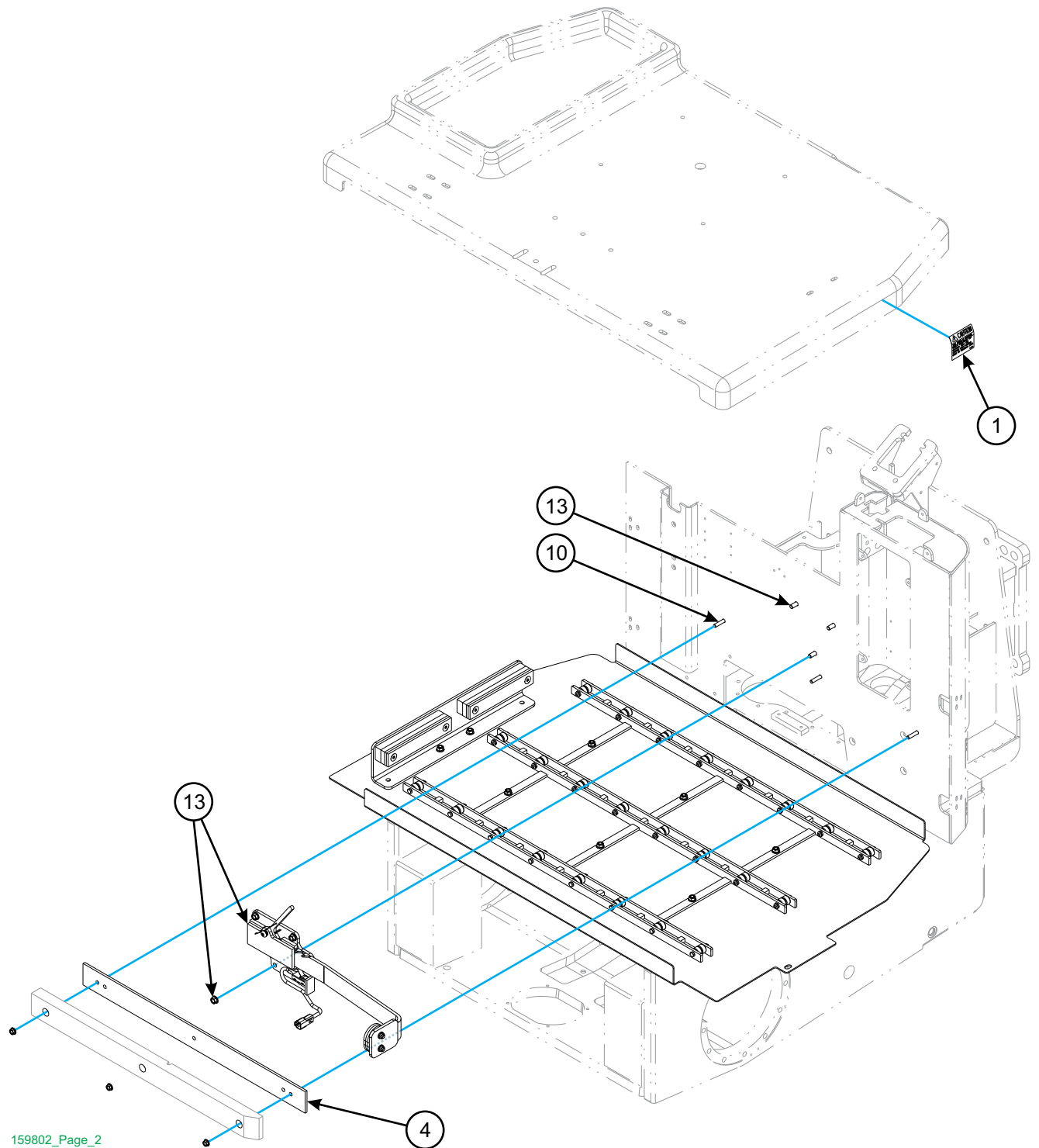
Liftout Battery Tray

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



159802_Page_1

Figure 1-80: Rollout Battery Tray Assembly (1 of 2)



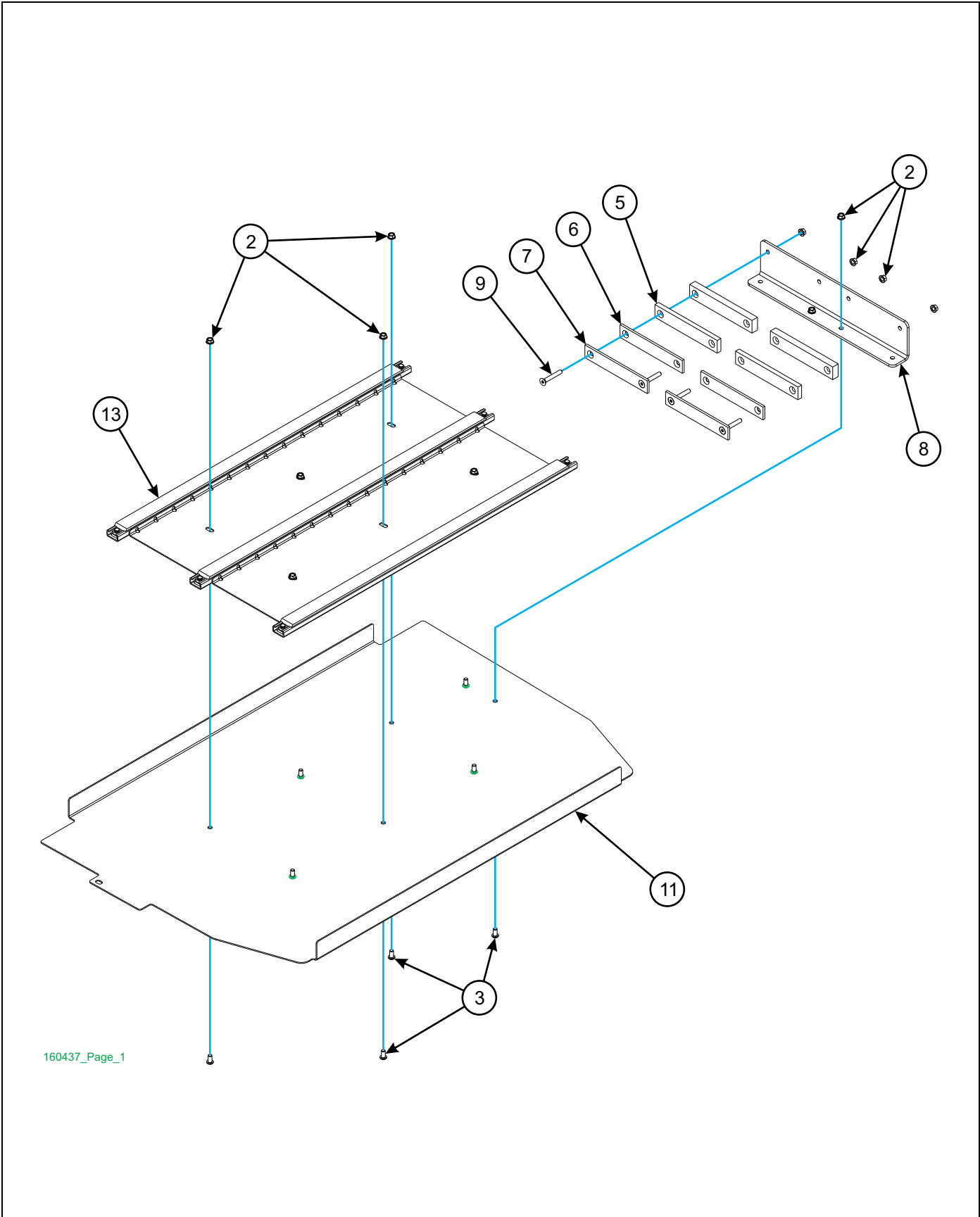
159802_Page_2

Figure 1-81: Rollout Battery Tray Assembly (2 of 2)

ILLUSTRATED PARTS LIST**Rollout Battery Tray Assembly**

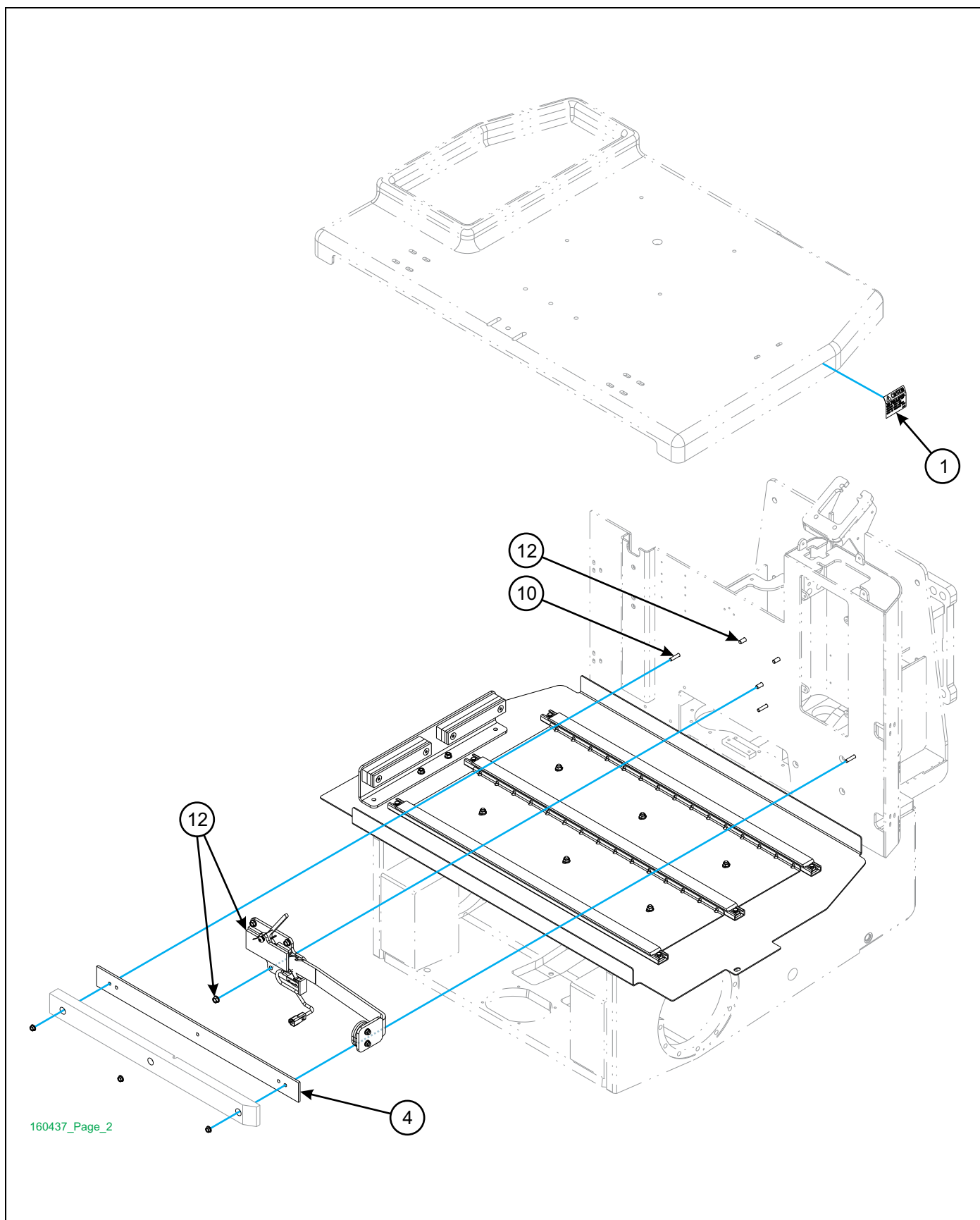
ITEM	PART NO.	DESCRIPTION	QTY.
	159802	OPTION,ROLLOUT BAT TRAY B55	
1	102159	DECAL, CAUTION ROLLOUT BATT.	1
2	107470	NUT, SPIRALOCK 3/8-16HX	12
3	111899	SCREW, BHSC 3/8-16UNCX3/4	8
4	126618	BAR, ROLLOUT FRT BATT SPCR, BT4	1
5	131395	SHIM 3/4 BATT REST BT	2
6	131396	SHIM 1/2 BATT REST BT	2
7	131397	SHIM 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	1
13	159800	RESTRAINT ASY, B55 ROLLOUT BAT	1

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160437_Page_1

Figure 1-82: Slideout Battery Tray Assembly (1 of 2)



160437_Page_2

Figure 1-83: Slideout Battery Tray Assembly (2 of 2)

ILLUSTRATED PARTS LIST**Slideout Battery Tray Assembly**

ITEM	PART NO.	DESCRIPTION	QTY.
	160437	OPTION,B55 SLIDEOUT BAT TRAY	
1	102159	DECAL, CAUTION ROLLOUT BATT.	1
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	159800	RESTRAINT ASY, B55 ROLLOUT BAT (SEE PAGE 1-125)	1
13	160460	TRAY, B55 BATTERY SLIDEOUT	1

Service Tools

Software Programs, Cables, Handsets and Documents

ITEM	PART NO.	DESCRIPTION	QTY.
1	0018152	GAUGE KIT, HYDRAULIC PRESSURE	
2	128554	DEUTSCH SERVICE KIT	
3	143837	PROGRAMMER, CURTIS 1311 SERV V	
4	145405	KIT, CURTIS 1314 OEM PROG	
5	168284	DONGLE, CURTIS USB W/OUT MOLEX	
6	171549	KIT, CURTIS 1314 USB OEM PROG	
7	163859	SCHEMATIC, B55 ELECTRICAL	

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Chapter 3

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 Left hand
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 Right hand
RND Round

S

SER Series
SHCS Socket Head Cap Screw
SHLD Shield
SKT Socket
SLFLKG Self locking
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-Joshua
12/10/12	F-596-R2	Reflected ECN numbers 34786, 35208, 35319, 35488, 35528, 35540, 35699, 35749, 35778, 36019, 36291 and 36580 and imposed new format
12/2/2013	F-596-R3	Incorporated ECN 37469, 37653, 37745, 37660, 38248



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Bendi B55AC & B55AC HL

Parts Manual

Re-Order Part Number F-596-R3

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