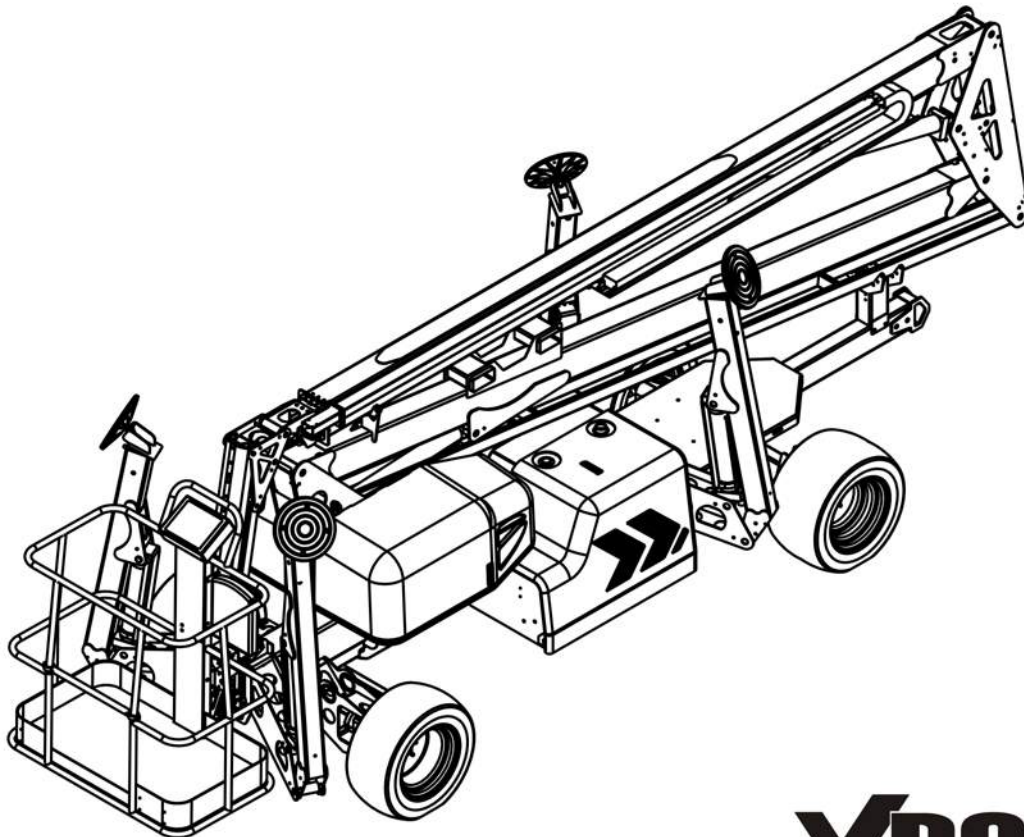


# PARTS MANUAL



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55XA / HLA 19 PX



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## BOOM PERSONNEL LIFT

This equipment is designed and manufactured in compliance with the duties, responsibilities and standards set forth in the ANSI and CSA standards in effect at the time of manufacture.

This equipment will meet or exceed applicable ANSI and CSA codes and standards when operated in accordance with manufacturer's recommendations.

It is the responsibility of the user to follow all regional codes and regulations that govern the safe operation of this equipment.

Obtain, read and obey all safety precautions before performing maintenance or repairs or attempting to operate this equipment. This includes all manufacturer recommendations as well as those directives set forth by government and local authorities.

To ensure proper and safe use of this equipment, it is strongly recommended that only trained and authorized personnel attempt to operate and maintain the boom lift.

This manual shall be considered a permanent and necessary component of the machine and shall be kept with the boom lift at all times.

Owners and Lessors should complete a full inspection of all components and perform a test of all functions, including brake functions, before commissioning or reselling the machine. Repair or replace all damaged or malfunctioning components.

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Haulotte Group | BilJax, is dedicated to the continuous improvement of this and all Haulotte Group | BilJax products. Therefore, equipment information is subject to change without notice. Direct any questions or concerns regarding errors or discrepancies in this manual to the Haulotte Group | BilJax Service Department.

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# 1 REPLACEMENT DECALS

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 **WARNING**

**Decals contain information that is required for the safe and proper use of the aerial work platform.**

**Decals should be considered necessary components of the machine and should be checked before each use to verify that they are correctly attached and legible.**

**Promptly replace all decals that are no longer legible**

Refer to Figure 1-1 to find the correct location of all decals.





**Table 1-1 Replacement Decal Descriptions**

<b>Decal No.</b>	<b>Decal Description</b>	<b>Qty</b>
0202-0523	Made in USA	1
B06-00-0034	DANGER: Electric Shock	1
B06-00-0037	Lubricate Semi-Annually	1
B06-00-0062	NOTICE: AC Power	2
B06-00-0068	NOTICE: Hydraulic System Oil	1
B06-00-0161B	Haulotte Group   BilJax Logo	2
B06-00-0403	NOTICE: Emergency Lowering	4
B06-00-0404	WARNING: Outrigger Crush Toe	8
B06-00-0405	WARNING: Pinch Point	17
B06-00-0471	DANGER: Before Use/Main Instruction/Hazards (Platform)	1
B06-00-0473	NOTICE: Operator's Manual Missing	1
B06-00-0474	NOTICE: Max. Load	1
B06-00-0475	WARNING: Read/Understand Operator's Manual	1
B06-00-0477	WARNING: Forklift Pockets	2
B06-00-0478	NOTICE: Platform Charger/Power Plug Here	1
B06-00-0481	CAUTION: Transport Safety Latch	3
B06-00-0484	DANGER: Battery/Charger Safety	1
B06-00-0494	NOTICE: Contains Hazardous Material	1
B06-00-0495	CAUTION: Compartment Access Restricted	2
B06-00-0503	NOTICE: Handle Applications	1
B06-00-0504	NOTICE: Emergency Hand Pump	1
B06-00-0505	DANGER: Before Use/Main Instruction/Hazards (ground)	1
B06-00-0541	CAUTION: Manual Boom Functions	1

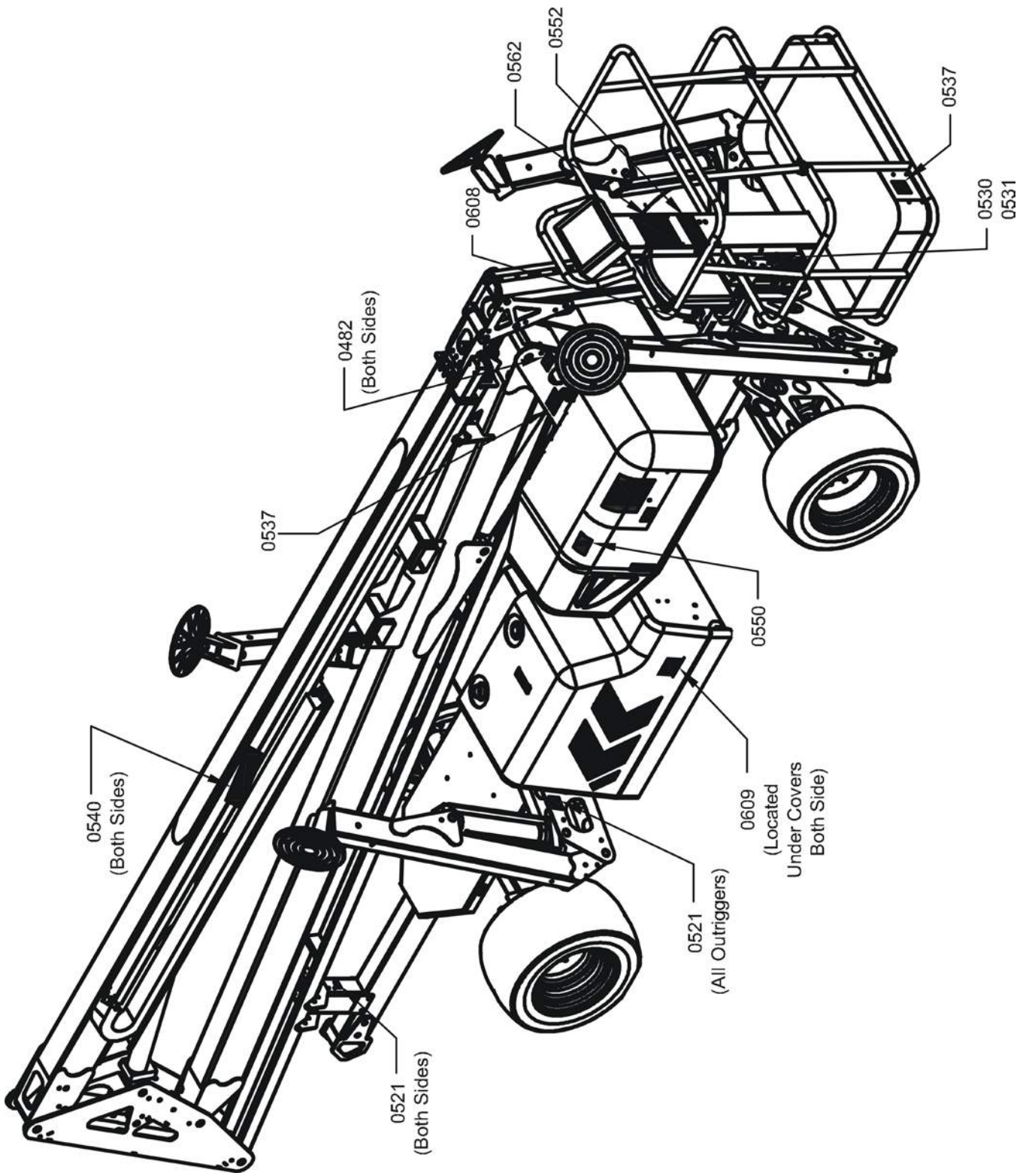


Figure 1-1 Decal Locations

**Table 1-1 Replacement Decal Descriptions (Continued)**

<b>Decal No.</b>	<b>Decal Description</b>	<b>Qty</b>
B06-00-0482	DANGER: Electrocutation Hazard	2
B06-00-0521	DANGER: Tip Over Hazard	7
B06-00-0530	Air Line Pressure	2
B06-00-0531	Water Line Pressure	2
B06-00-0537	NOTICE: Range of Motion	2
B06-00-0552	NOTICE: Lanyard Attach	1
B06-00-0561	WARNING: Ground Control	2
B06-00-0562	WARNING: Platform Control	1
B06-00-0565	55XA, 6" Blank Transfer	2
B06-00-0608	Drive Direction Arrows	1
B06-00-0609	NOTICE: Brake Release	2

**Identification Plates**

<b>Decal No.</b>	<b>Decal Description</b>	<b>Qty</b>
B06-00-0648	ANSI ID Plate	1
B06-00-0524	Annual Inspection Plate	1
B06-00-0526	Key Tag	1

**CE/CAN/AUS Machines**

<b>Decal No.</b>	<b>Decal Description</b>	<b>Qty</b>
B06-00-0167	Black/Yellow Hazard - 2" Wide	4
B06-00-0568	WARNING: Tip Over Hazard	4



## 2 REPLACEMENT PARTS

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Use only parts manufactured and/or authorized by Haulotte Group | BilJax when replacing damaged components. See page 106 for replacement part ordering information.

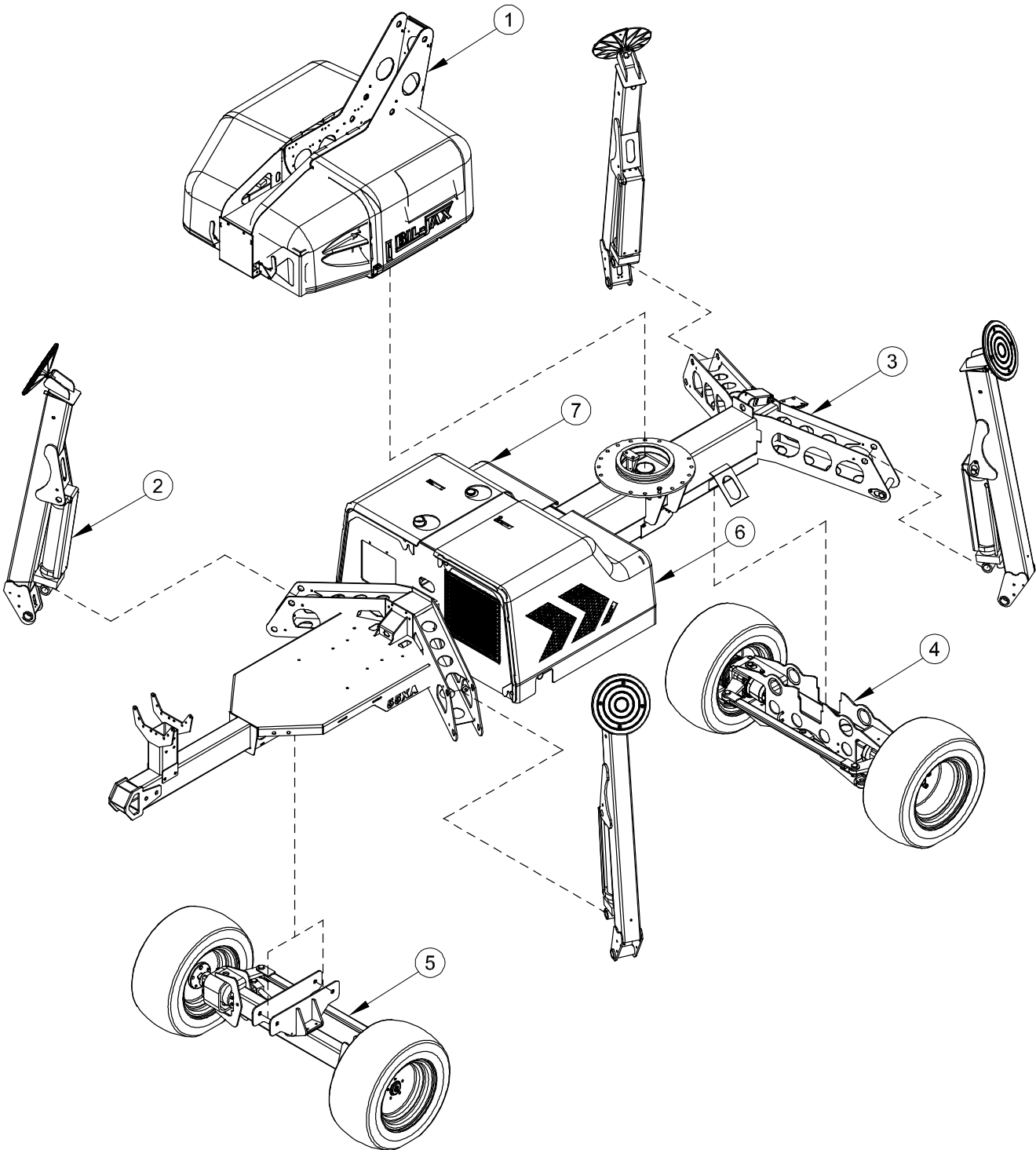
Only personnel properly trained and authorized to operate all equipment and familiar with all boom functions should attempt to repair or replace any part of the boom lift.

**Always read, understand and obey all safety precautions included in this manual, as well as those precautions attached to the lift and dictated by federal, state and local regulations.**

**NOTE: Unless otherwise specified, high-strength Imperial Grade 5/Metric Class 8.8 fasteners are used in the assembly of this equipment.**

# MACHINE ASSEMBLY

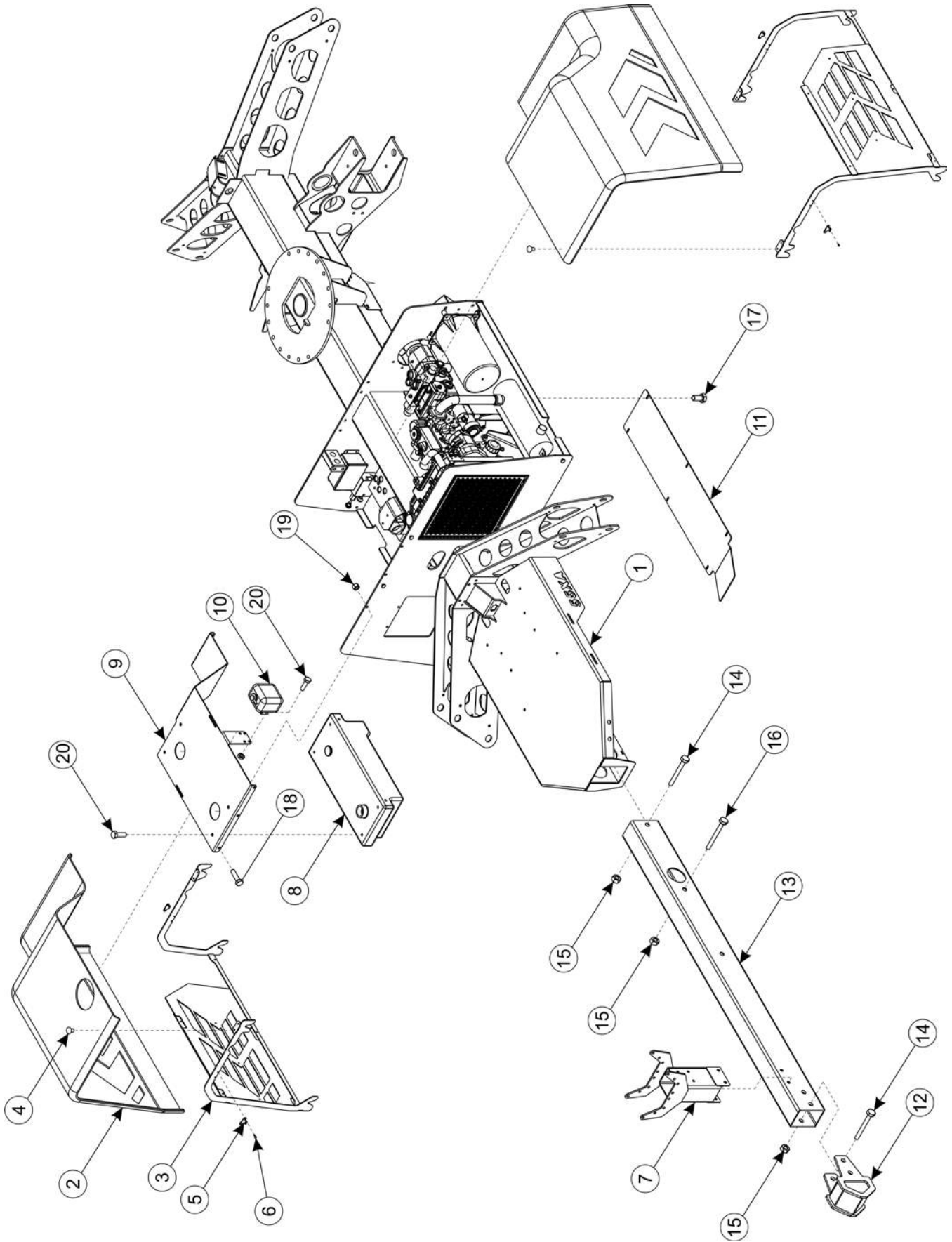
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## **MACHINE ASSEMBLY PARTS LIST**

<b>Item No.</b>	<b>Description</b>	<b>Pages</b>
1	TURNTABLE ASSEMBLY	54
2	OUTRIGGER & FOOTPADS ASSEMBLY	60
3	BASE ASSEMBLY	52
4	REAR AXLE ASSEMBLY	68
5	FRONT AXLE ASSEMBLY	66
6	ENGINE COMPARTMENT ASSEMBLY	70
7	HYDRAULIC COMPARTMENT ASSEMBLY	80

# BASE ASSEMBLY

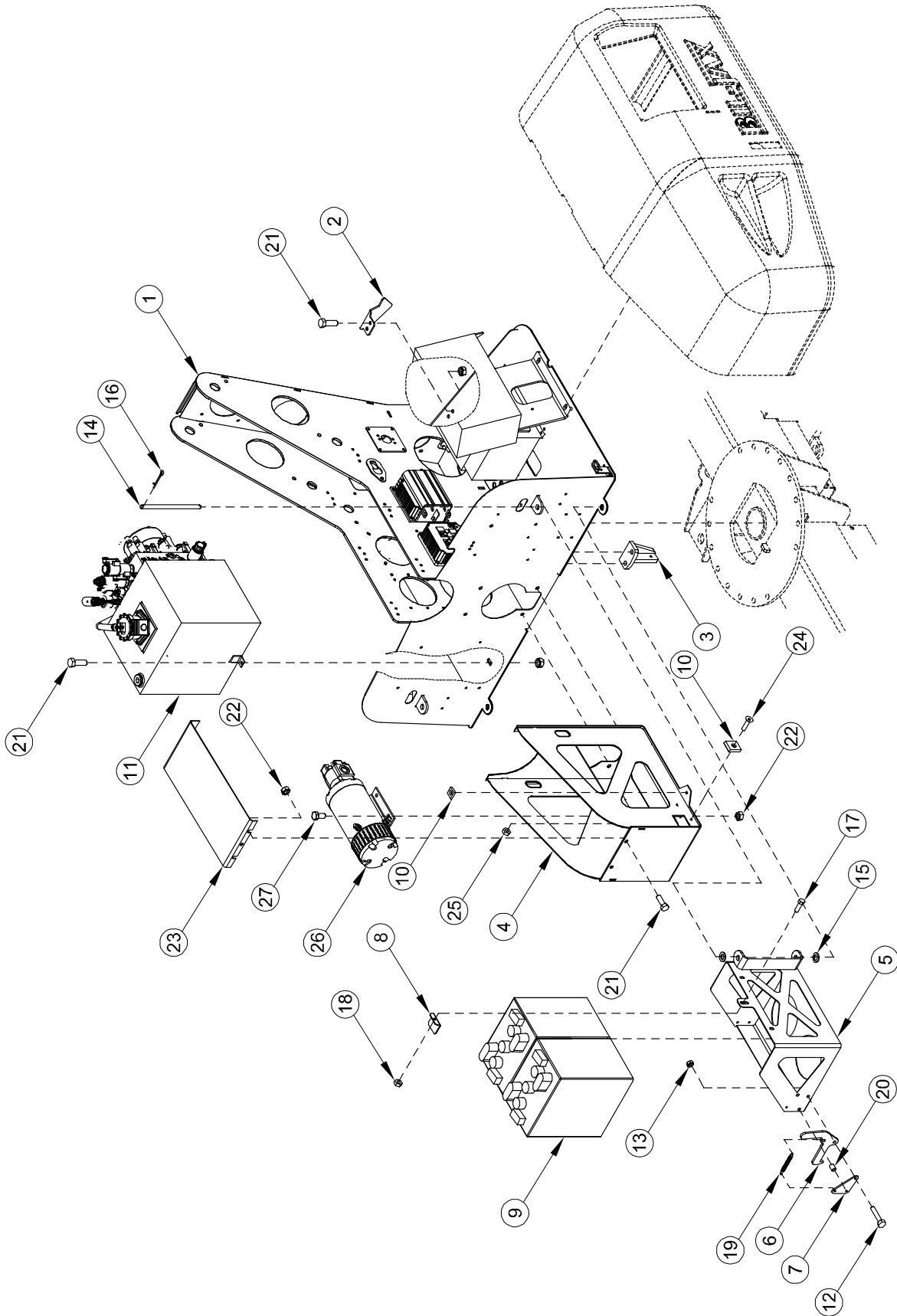




**BASE ASSEMBLY PARTS LIST**

<b>Item No.</b>	<b>Part No.</b>	<b>Description</b>	<b>Qty.</b>
1	A-02098	Base Assembly Weldment	1
2	A-02324R-K A-02324L-K	Cover Assembly-RH (Includes Items 3-6) Cover Assembly-LH (Includes Items 3-6)	1 1
3	A-02328 A-02325	Cover Brace Weldment-RH Cover Brace Weldment-LH	1 1
4	0090-1151	Rivet-Pop-3/16x1/2 Grip Range (Quantity Per Cover)	12
5	A-02093	Cover Latch Hook (Quantity Per Cover)	2
6	0090-1150	Rivet-Pop-1/8x1/4 Grip Range (Quantity Per Cover)	4
7	A-02030	Front Rest Weldment	1
8	B20-00-0020	Fuel Tank	1
9	A-02071	Cover Brace	1
10	B20-00-0042	Coolant Overflow Bottle	1
11	A-02018	Lower Cover	1
12	A-02026	Tie Weldment	1
13	A-02025	Tongue Tube	1
14	0096-0173	Screw-HHCS-M20x150	3
15	0096-0045	Nut-Lock-M20	5
16	0096-0174	Screw-HHCS-M20X160	2
17	0096-0010	Screw-HHCS-M8-20	6
18	0096-0016	Screw-HHCS-M10x25	5
19	0096-0041	Nut-Lock-M10	9
20	0096-0014	Screw-HHCS-M10x20	8

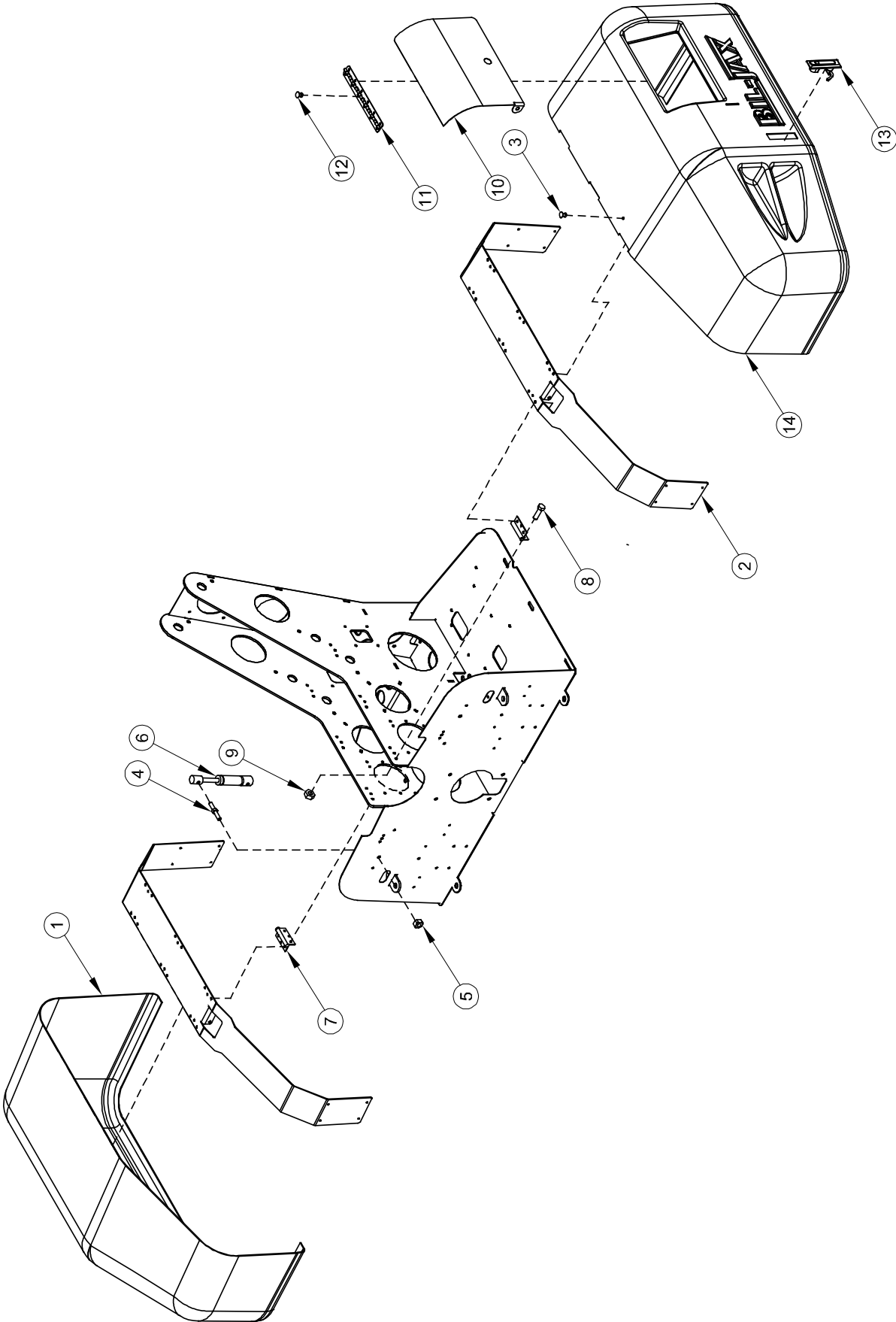
# TURNTABLE ASSEMBLY



## TURNTABLE ASSEMBLY PARTS LIST

Item No.	Part No.	Description	Qty.
1	A-02200	Turntable Weldment	1
2	A-01221	Rest Arrow	1
3	A-00356	Ring Stop Top Weldment	1
4	A-02225	Nose Weldment	1
5	A-00215	Battery Box Weldment-LH, RH	1
6	A-00219	Battery Box Latch	2
7	A-00229	Battery Latch Plate	2
8	A-00271	Battery Hold Down	2
9	A-00242	Battery	4
10	A-00037	Ramp Short UHMW	2
11	A-02254HS	Hydraulic Pump	1
12	0096-0006	Screw-HHCS-M6x25	6
13	0096-0039	Nut-Lock-M6	6
14	A-00278	Battery Hinge Pin	2
15	0096-0050	Washer-Flat-M16	8
16	0090-0147	Pin-Cotter 1/8 x1 1/4	4
17	0096-0010	Screw-HHCS-M8x20	2
18	0096-0040	Nut-Lock-M8	2
19	A-00244	Spring Tension Battery Latch	2
20	A-00234	Spacer-3/8 x .06 x 1/2	4
21	0096-0014	Cap Screw-M10x20	7
22	0096-0041	Lock Nut -M10	15
23	A-02230	Motor Cover	1
24	0096-0002	FHCS-M6 x20	4
25	0096-0039	Lock Nut-M6	4
26	A-02235	Hydraulic Power Unit 3.0	1
27	0096-0016	Screw-HHCS-M10x25	8

# COVER ASSEMBLY

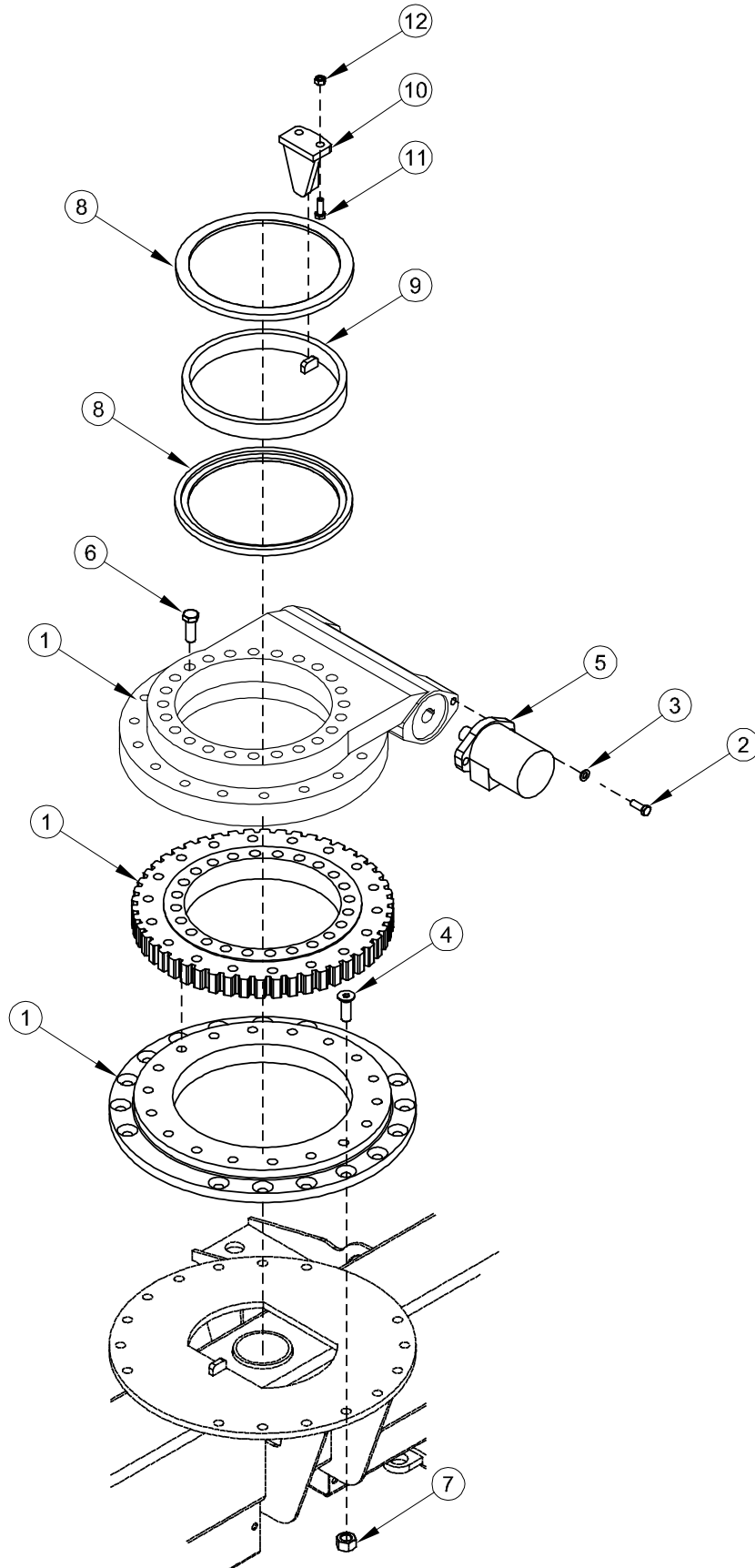


## COVER ASSEMBLY PARTS LIST

Item No.	Part No.	Description	Qty.
1	A-02239	Cover Power compartment -Right	1
2	A-02228	Cover Brace	2
3	0090-1080	Rivet-Pop-3/16x1/2	16
4	0090-0920	Stud-Ball-10mm	4
5	0090-0185	Nut-Lock-5/16	4
6	A-02251	Spring-Gas-Cover	2
7	A-00252	Hinge-Cover	6
8	0096-0002	Screw-HHCS-M6x20	48
9	0096-0039	Nut-Lock-M6	48
10	A-00284	Control Cover Weldment	1
11	B42-01-1002	Control Cover Hinge	1
12	0090-0684	Rivet-Pop-3/16x1/2	6
13	A-00292	Cover Latch Kit	2
14	A-02240	Cover Power compartment -Left	1

# SLEW RING ASSEMBLY

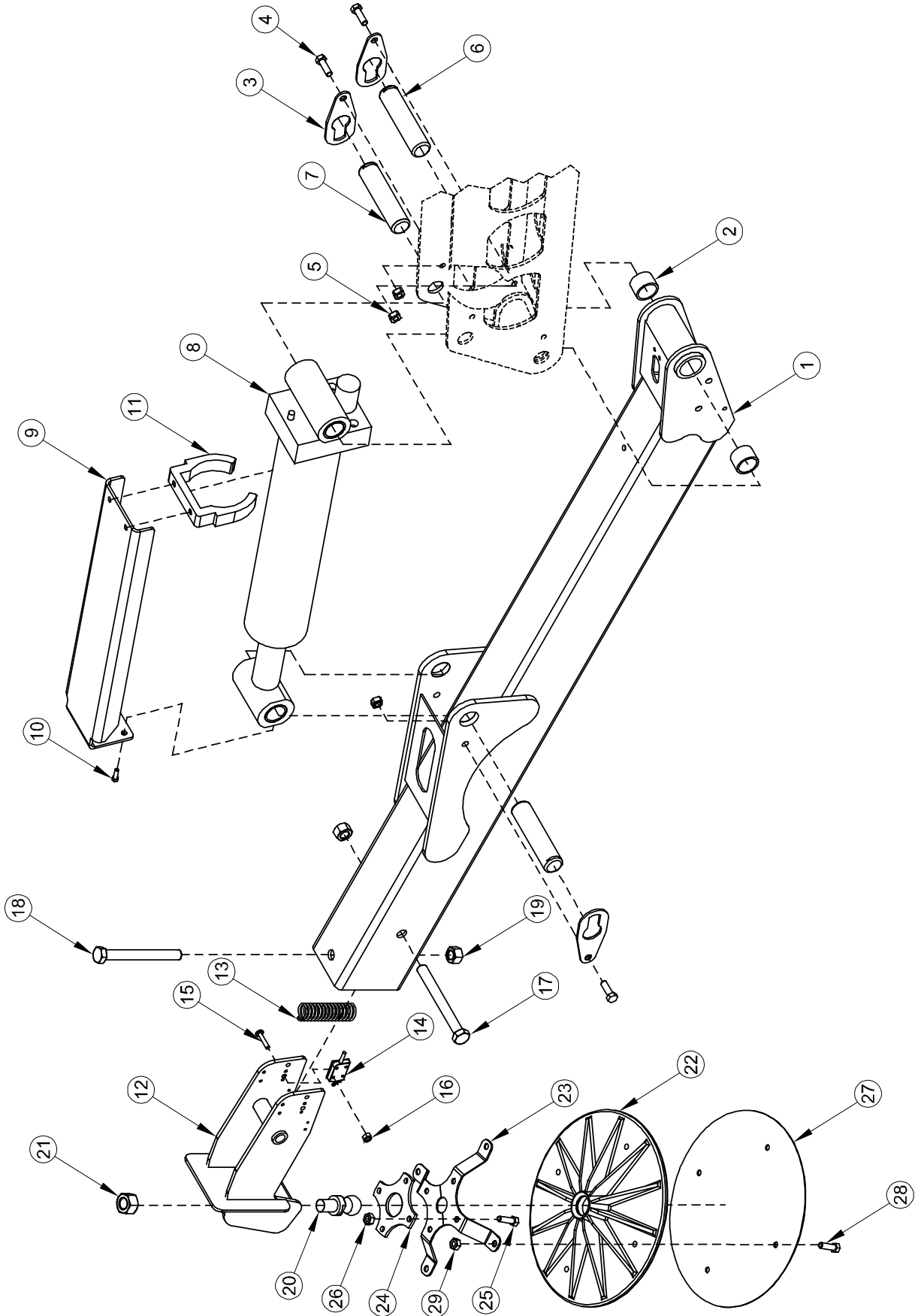
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## SLEW RING ASSEMBLY PARTS LIST

Item No.	Part No.	Description	Qty.
1	A-02189	Slew Assembly and Adapter	1
2	0090-0461	Cap Screw-1/2-13x2	2
3	0090-0212	Lock Washer-1/2	2
4	0096-0054	FHCS-M16x50	16
5	B02-06-0018	Slew Ring Drive	1
6	0090-0643	Cap Screw-5/8-11x2-3/4-Grade 8	19
7	0090-0044	Hex Nut, Self-Locking-M16	16
8	A-00351	Nylon Ring	2
9	A-00352	Ring	1
10	A-00356	Ring Stop Weldment	1
11	0096-0021	Cap Screw-M12x45	2
12	0096-0042	Hex Nut, Self Locking-M12	2

# OUTRIGGER & FOOTPAD ASSEMBLY



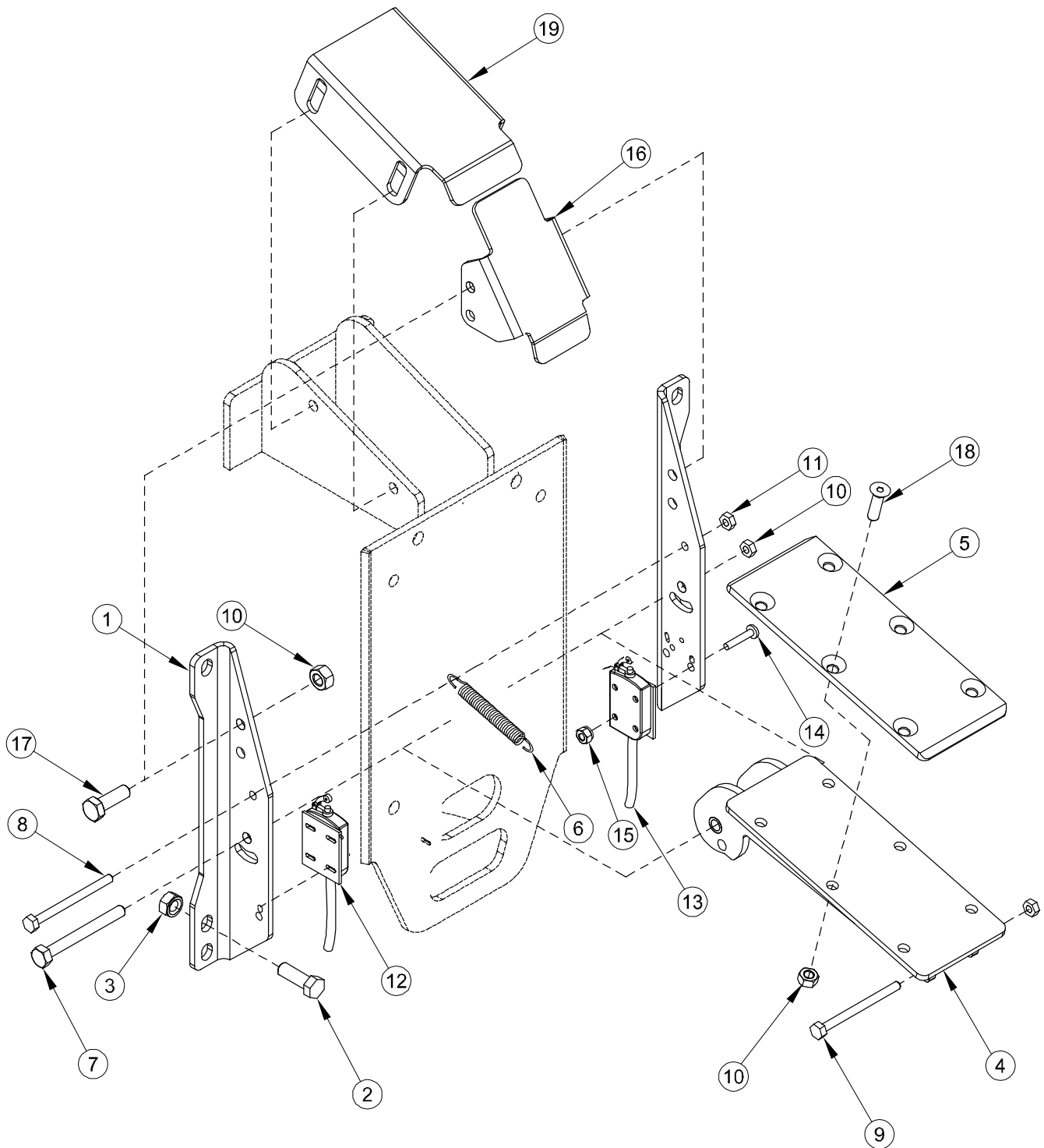


## OUTRIGGER & FOOTPAD ASSEMBLY PARTS LIST

Item No.	Part No.	Description	Qty.
1	A-02088	Outrigger Weldment	4
2	A-00032	Bearing 1.25id X 1.25lg X .125thk	8
3	A-00019	Pin Retainer 1.25 In	12
4	0096-0016	Screw-HHCS-M10x25	12
5	0096-0041	Nut-Lock-M10	12
6	A-00063	Pin 1.25 X 5.25	4
7	A-00062	Pin 1.25 X 6.5	8
8	A-02138	Outrigger Cylinders 55	4
9	A-02141	Outrigger Cylinder Guard 55	4
10	0096-0009	Screw-HHCS-M8x10	12
11	A-02142	Guard Slide 3.5	4
12	A-02128	Pad Mount Weldment	4
13	A-00154	Spring Outrigger Sensor	4
14	A-03644	Switch Limit No W/ Tower Delphi	4
15	0090-0232	Screw-10-24x5/8	8
16	0090-0182	Nut-Lock-10-24	8
17	0096-0083	Screw-HHCS-M16x130	4
18	0096-0036	Screw-HHCS-M16x150	4
19	0096-0044	Nut-Lock-M16	8
20	A-00135	Foot Pad Ball	4
21	0096-0045	Nut-Lock-M20	4
22	A-00136	Foot Pad	4
23	A-00127	Footpad Lock	8
24	A-00139	Footpad Cap	4
25	0096-0010	Screw-HHCS-M8x20	16
26	0096-0040	Nut-Lock-M8	16
27	A-00137	Foot Pad Bottom	4
28	0096-0121	Screw-FHSCS-M8x30	16
29	0096-0040	Nut-Lock-M8	16

\*Quantities listed reflect the number of parts needed for each outrigger.

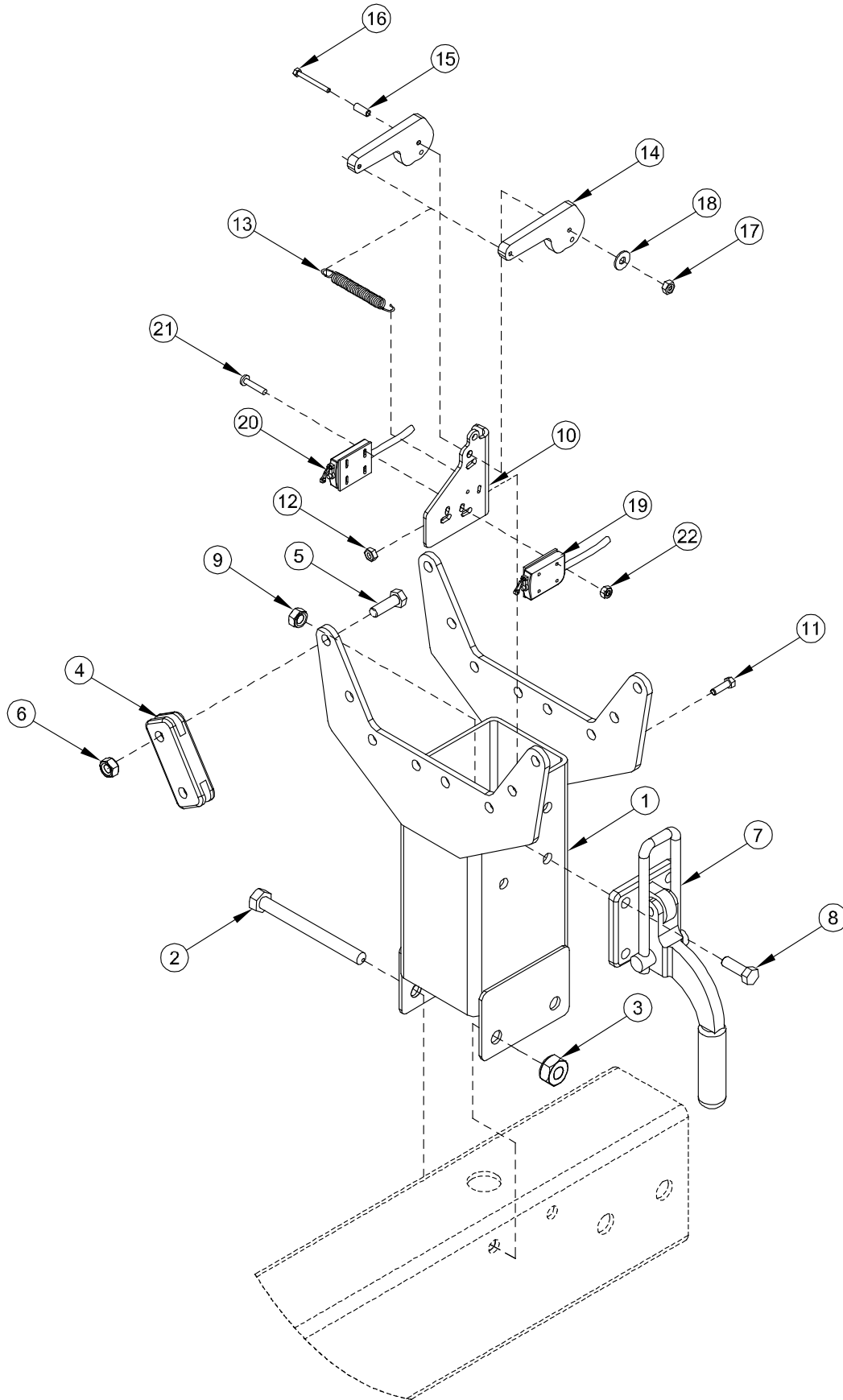
# REAR SWITCH ASSEMBLY



## REAR SWITCH ASSEMBLY PARTS LIST

Item No.	Part No.	Description	Qty.
1	A-01190L	Switch Plate- Left	1
	A-01190R	Switch Plate- Right	1
2	0096-0016	Screw-HHCS-M10x25	8
3	0096-0041	Nut-Lock-M10	8
4	A-01191	Switch Cam Weldment	1
5	A-01195	Slide-Switch Cam	1
6	A-01196	Spring Tension Jib Switch	2
7	0096-0081	Screw-HHCS-M8x80	2
8	0096-0078	Screw-HHCS-M6x80	1
9	0096-0085	Screw-HHCS-M6x60	1
10	0096-0040	Nut-Lock-M8	12
11	0096-0039	Nut-Lock-M6	2
12	A-03644	Switch-Limit-NO	1
13	A-03647	Switch-Limit-NC	1
14	0090-0692	Screw-8-32 X 1 ¼"	4
15	0090-0181	Nut-Lock-8-32	4
16	A-01184	Plate-Lower-Jib Slide	1
17	0096-0011	Screw-HHCS-M8x25	4
18	0096-0012	Screw-FHCS-M8x25	6
19	A-01185	Plate-Jib Slide	1

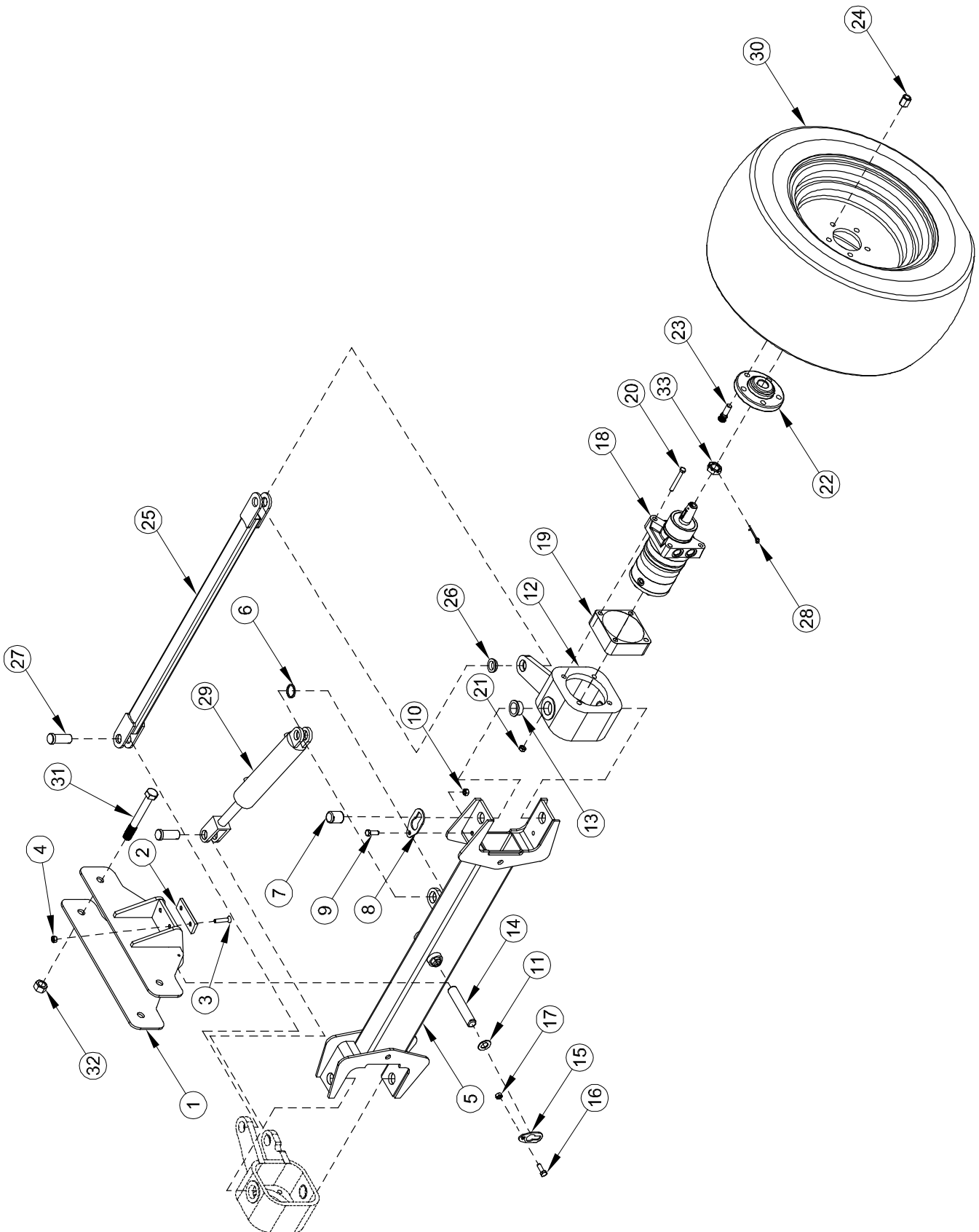
# FRONT SWITCH ASSEMBLY



## FRONT SWITCH ASSEMBLY PARTS LIST

Item No.	Part No.	Description	Qty.
1	A-02030	Front Rest Weldment	1
2	0096-0026	Screw-Cap-M12x130	2
3	0096-0042	Nut-Lock-M12	2
4	A-00157	Front Rest Pad	8
5	0096-0017	Screw-HHCS-M10x30	16
6	0096-0041	Nut-Lock-M10	16
7	A-00159	Boom Latch	1
8	0096-0016	Screw-HHCS-M10x25	4
9	0096-0041	Nut-Lock-M10	4
10	A-00169	Front Rest Switch Plate	1
11	0096-0002	Screw-HHCS-M6x20	2
12	0096-0069	Nut-Lock-M6	2
13	A-00158	Spring Ext Front Rest	1
14	A-00188	Switch Cam	2
15	A-00190	Switch Cam Spacer	3
16	0096-0106	Screw-HHCS-M4x40	3
17	0096-0073	Nut-Lock-M4	3
18	0090-0419	Washer-Flat-1/4	7
19	A-03644	Switch Limit NO	1
20	A-03647	Switch Limit NC	1
21	0090-0692	Screw-8-32x1 1/4	2
22	0090-0181	Nut-Lock-8-32	2

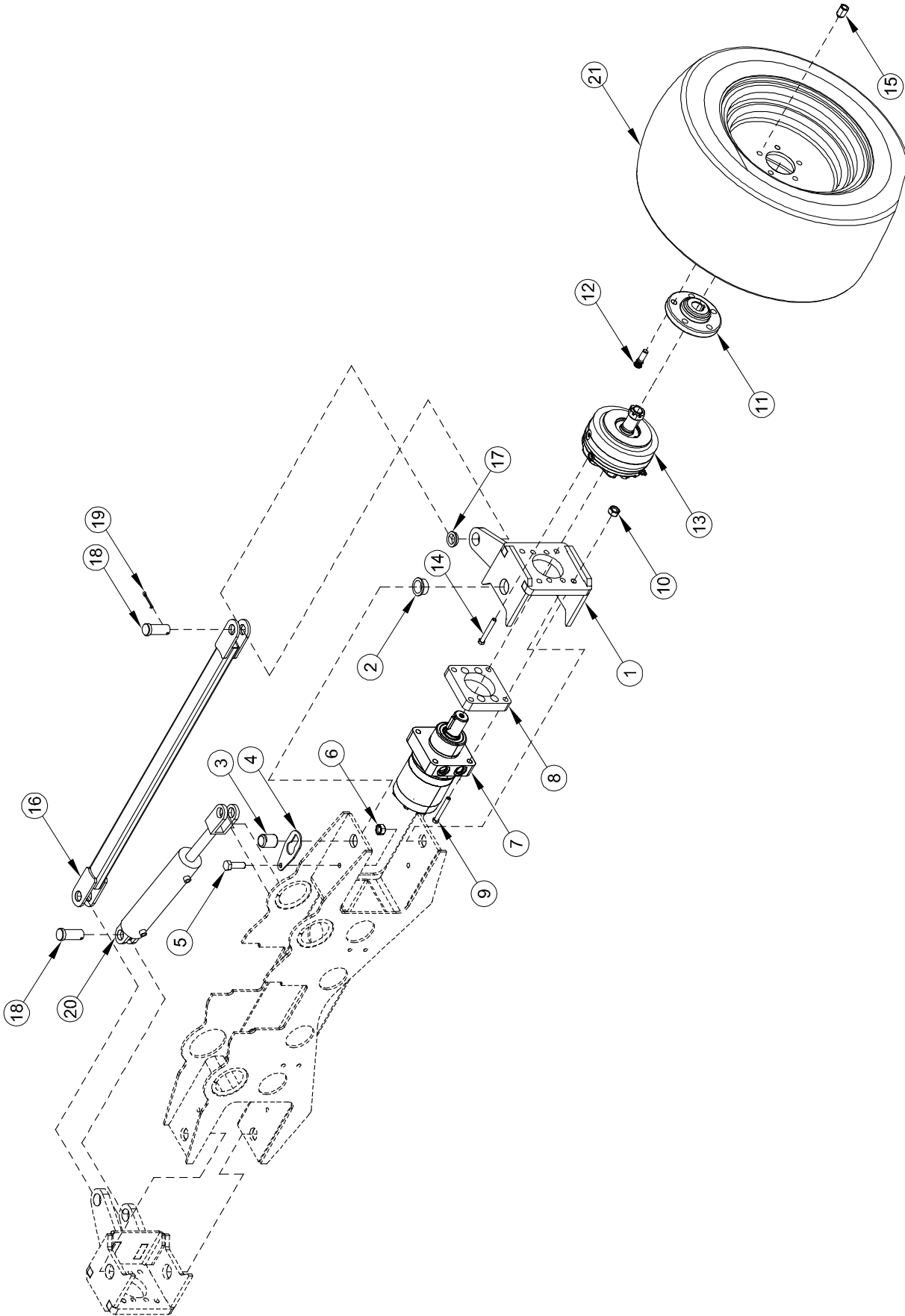
# FRONT AXLE ASSEMBLY



## FRONT AXLE ASSEMBLY PARTS LIST

Item No.	Part No.	Description	Qty.
1	A-02034	Front Axle Mt Weldment	1
2	A-01029	Pad-Front Axle	2
3	0096-0068	Screw-FHSCS-M10x45	4
4	0096-0041	Nut-Lock-M10	4
5	A-01010	Front Axle Weldment	1
6	A-00032	Bearing 1.25id X 1.25lg X .125thk	2
7	A-01009	Pin 1 x 5.5	1
8	A-00018	Pin Retainer 1.0 IN	1
9	0096-0016	Screw-HHCS-M10x25	1
10	0096-0041	Nut-Lock-M10	1
11	0090-1132	Washer-Flat 1 In Id	2
12	A-01020	Front Yoke-Left	1
	A-01021	Front Yoke-Right	1
13	A-01097	Bushing FI-1.5 OD	4
14	A-01070	Pin 1.25 x 1.625	4
15	A-00019	Pin Retainer 1.25 IN	4
16	0096-0016	Screw-HHCS-M10x25	4
17	0096-0041	Nut-Lock-M10	4
18	A-02065	Wheel Motor Front	2
19	A-02038	Motor Spacer	2
20	0090-1157	Screw-Cap-1/2-13x4 SHCS	8
21	0090-0192	Nut-Lock 1/2-13	8
22	A-02024	Tire Adapter	2
23	B10-00-0050	Stud-Wheel-1/2-20	10
24	0090-0624	Nut-Lock 1/2-13	10
25	A-01025	Tie Rod Weldment	1
26	A-01096	Bushing FI 1.25 OD	4
27	A-01085	Pin-Front Axle	4
28	0090-0155	Pin-Cotter 3/16 X1 3/4	4
29	A-01030	Steering Cylinder	1
30	A-02058L	Tire - Bar Lug - Left	1
	A-02058R	Tire - Bar Lug - Right	1
	A-02057L	Tire - Turf Thread-Left (Optional)	1
	A-02057R	Tire - Turf Thread-Right (Optional)	1
31	0096-0173	Screw-HHCS-M20x150	2
32	0096-0045	Nut-Lock-M20	2
33	0090-1160	1"-20 Castle Nut	2

# REAR AXLE ASSEMBLY

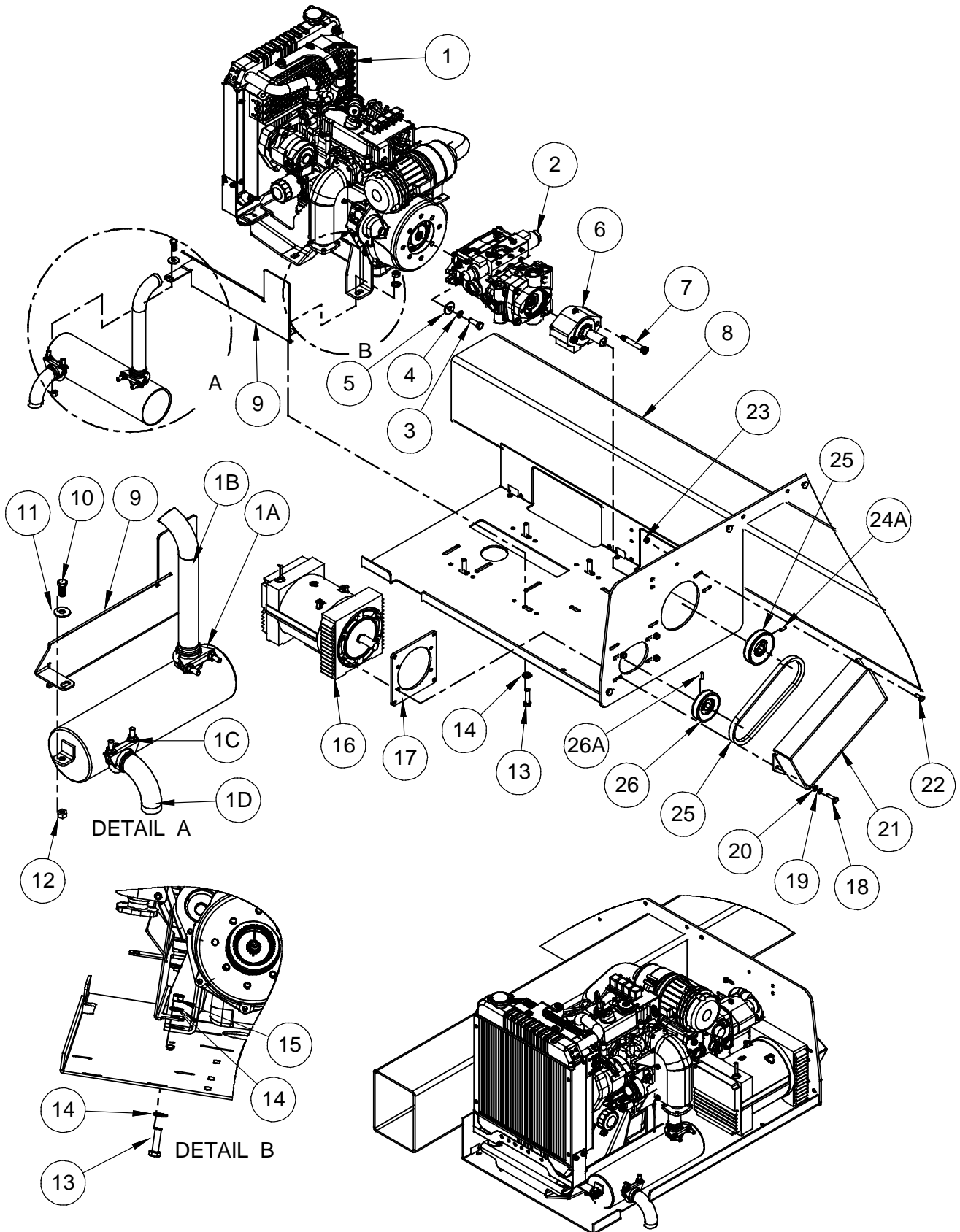




## REAR AXLE ASSEMBLY PARTS LIST

Item No.	Part No.	Description	Qty.
1	A-02040	Yoke Rear Weldment -Left	1
	A-02054	Yoke Rear Weldment -Right	1
2	A-01097	Bushing FI-1.5 OD	4
3	A-01070	PIN 1.25X1.625	4
4	A-00053	Pin Retainer 1.25 In Lg	4
5	0096-0016	Screw-HHCS-M10x25	4
6	0096-0041	Nut-Lock-M10	4
7	A-02064	Wheel Motor Rear	2
8	A-02037	Brake Adapter	2
9	0090-1157	Screw-Cap-1/2-13x4 SHCS	8
10	0090-0192	Nut-Lock 1/2-13	8
11	A-02024A	Tire Adaptor	2
12	B10-00-0050	Stud-Wheel-1/2-20	10
13	A-02066	Brake	2
14	0090-1158	Screw-SHCS-1/2-13 X1 3/4"	8
15	0090-0624	Nut-Lug 1/2-13	10
16	A-01025	Tie Rod Weldment	1
17	A-01096	Bushing FI 1.25 OD	4
18	A-01085	Pin-Front Axle-4wd	4
19	0090-0155	Pin-Cotter 3/16 X1 3/4	4
20	A-01030	Steering Cylinder	1
21	A-02058L	Tire - Bar Lug - Left	1
	A-02058R	Tire - Bar Lug - Right	1
	A-02057L	Tire - Turf Thread-Left (Optional)	1
	A-02057R	Tire - Turf Thread-Right (Optional)	1

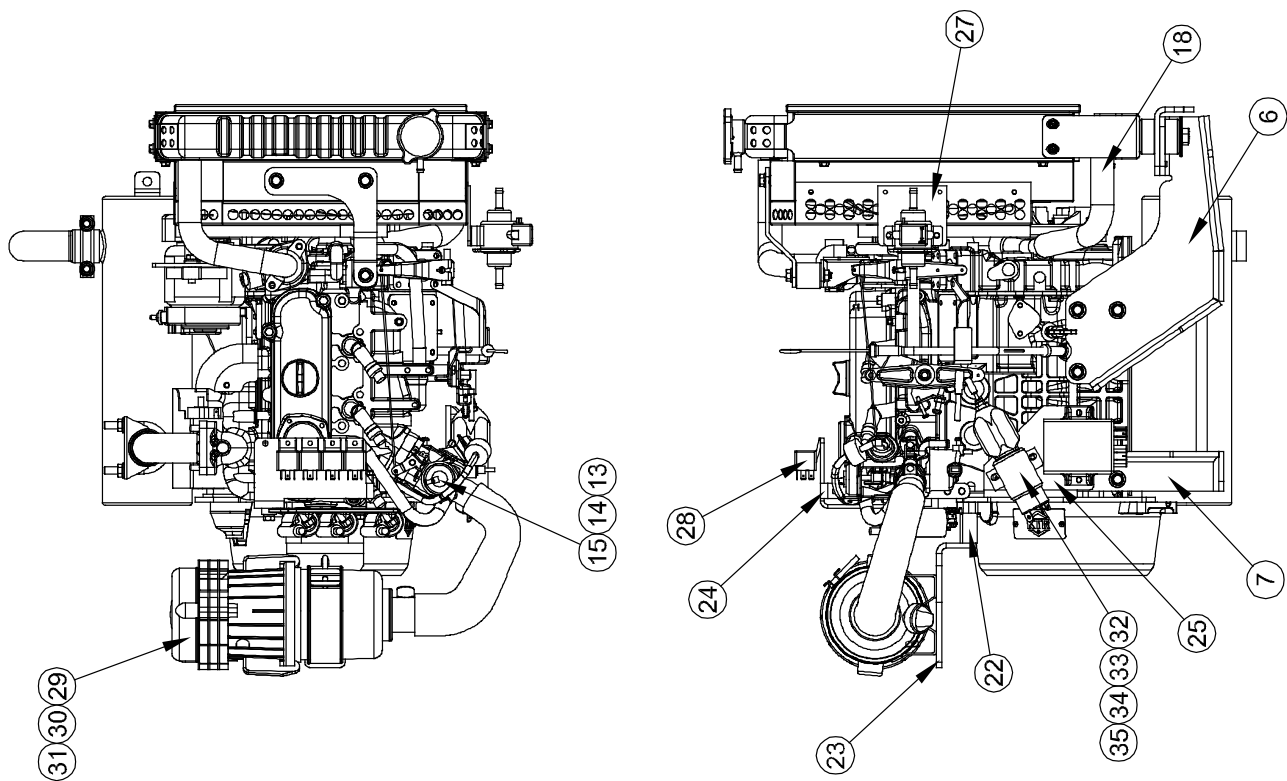
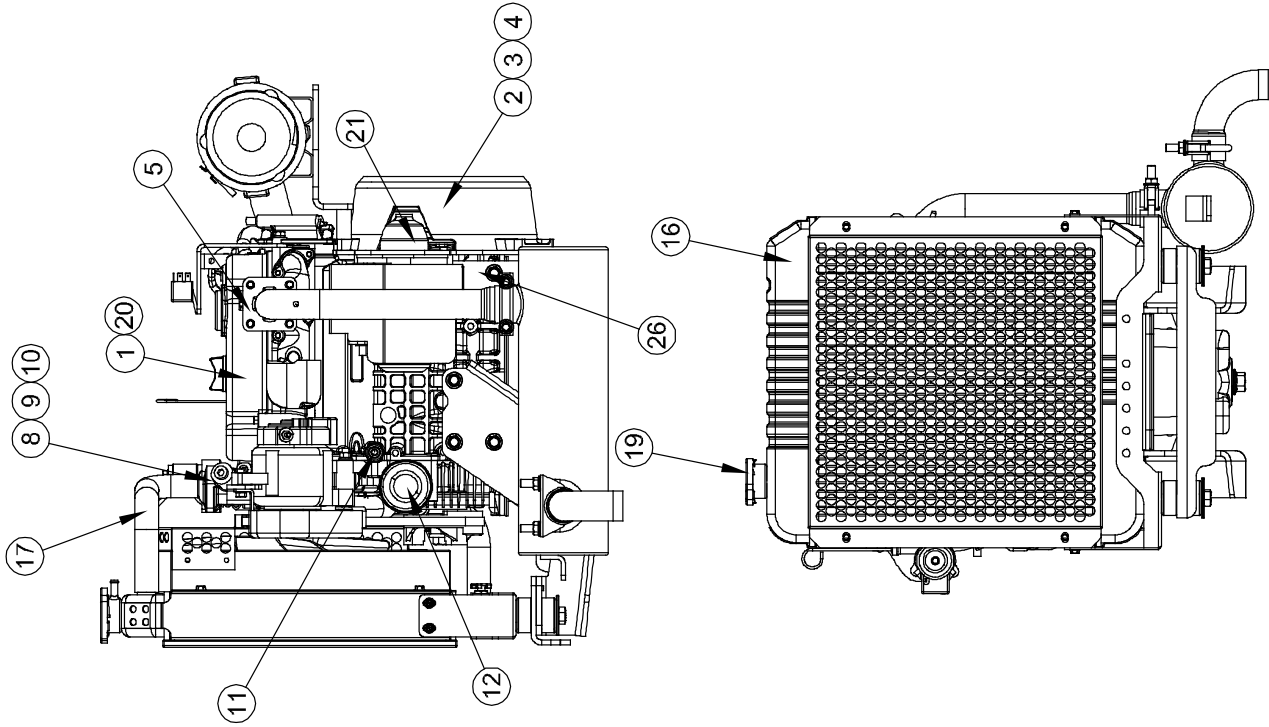
# ENGINE COMPARTMENT ASSEMBLY



## ENGINE COMPARTMENT ASSEMBLY PARTS LIST

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	A-02060	Gas Engine	1
1	A-02061	Diesel Engine (Option)	1
1A	B20-00-0030	Muffler	1
1B	B20-00-0032	Exhaust Pipe with Flange	1
1C	B20-00-0102	Clamp	2
1D	B20-00-0033	Tail Pipe 90°	1
1E	A-02733	Harness - Not Shown	1
1F	A-02049	Fuel Line Kit - Gas Engine - Not Shown	1
1G	A-02050	Fuel Line Kit - Diesel Engine (Option) - Not Shown	1
2	A-02067	Hydrostatic Pump	1
3	0096-0176	Screw, Hex Head Cap - M12 x 35	2
4	0096-0177	Split Lock Washer, M12	2
5	0096-0046	Flat Washer, M12	2
6	A-02068	Overhung Load Adapter	1
7	0090-1159	Screw, Socket Head Shoulder -1/2 x 2 3/4 (3/8-16)	2
8	A-02098	Base	Ref.
9	A-02056	Heat Shield	1
10	0096-0016	Screw, Hex Head Cap - M10 x 25	1
11	0096-0093	Washer, Flat - M10 - Large O.D.	1
12	0096-0041	Hex Nut with Nylon Insert, M10	1
13	0096-0021	Screw, Hex Head Cap - M12 x 45	4
14	0096-0046	Flat Washer, M12	8
15	0096-0042	Hex Nut with Nylon Insert - M12	4
16	A-00757	Generator, 110/60 (March 2011 to Present)	1
16	B22-00-0080	Generator Conversion Kit (For Machines Prior to March 2011)	1
17	A-03011	Generator Spacer Plate	1
18	0096-0056	Screw, Hex Head Cap - M8 x 30	4
19	0090-0208	Split Lock Washer - 5/16	4
20	0096-0104	Flat Washer, M8	4
21	A-02035	Belt Guard	1
22	0096-0010	Screw, Hex Head Cap - M8 x 20	2
23	0096-0040	Hex Nut with Nylon Insert - M8	2
24	A-02095	Pulley, V-Belt - 3.6 x 1" I.D. Bore	1
24A	0090-0363	Screw, Set - 1/4-20 x 3/4	1
25	A-02096	V-Belt B25 - 110 Volt	1
25	A-02039	V-Belt B27 - 220 Volt (Option)	1
26	A-02094	Pulley, V-Belt - 3.2 x .875" I.D. Bore - 110 Volt	1
26A	0090-0363	Screw, Set - 1/4-20 x 3/4	1
26	A-02073	Pulley, V-Belt - 3.8 x .875" I.D. Bore - 220 Volt (Option)	1

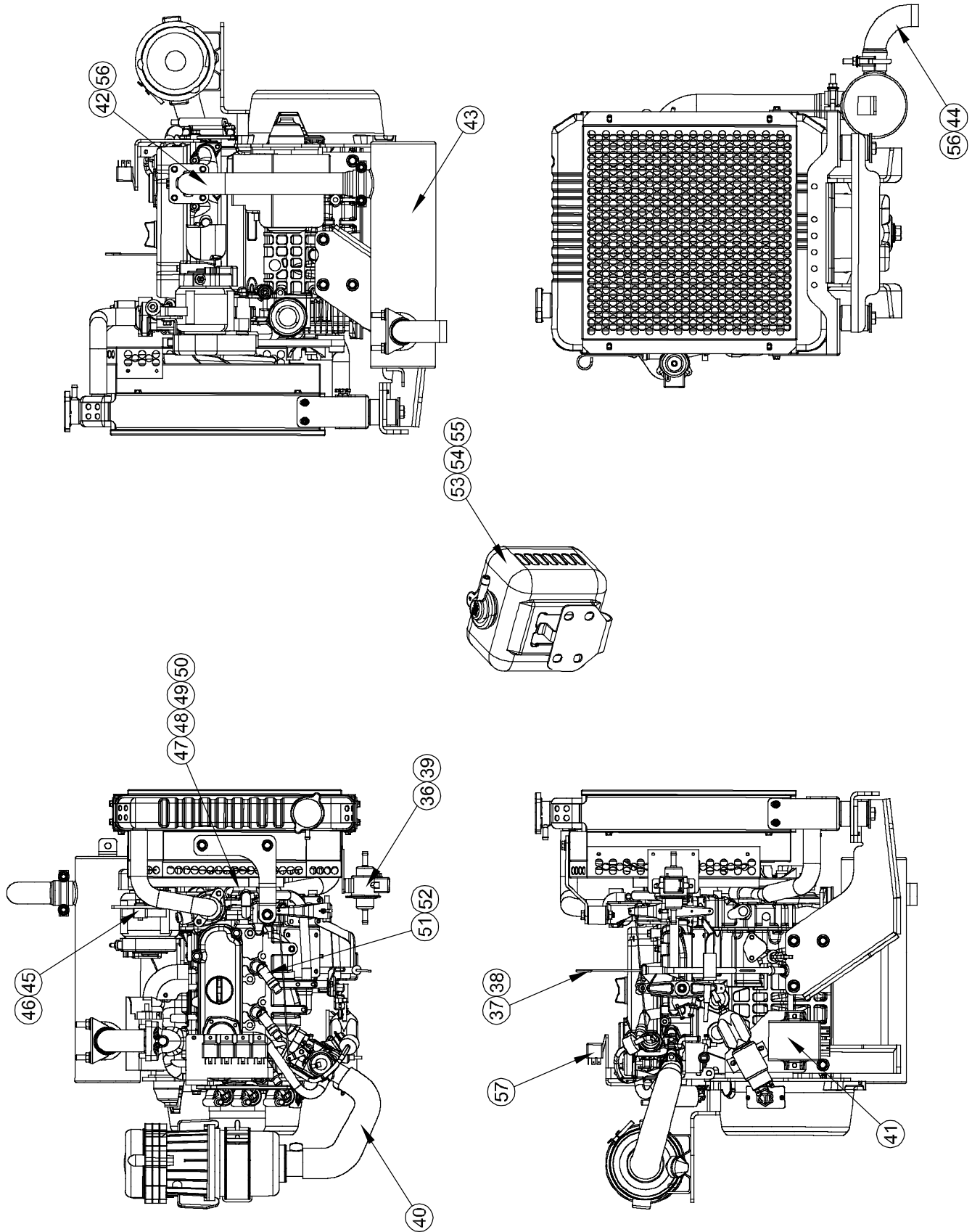
# GAS ENGINE ASSEMBLY



## GAS ENGINE ASSEMBLY PARTS LIST

Item No.	Part No.	Description	Qty.
1	A-02060	Gas Engine-Kubota (Model # WG972E-1)	1
2	B20-00-0064	Drive Flange Disc	1
3	B20-00-0065	Drive Hub B Spline 31T	1
4	B20-00-0063	Pump Mount Housing SAE B	1
5	B20-00-0031	Exhaust Flange Gasket	1
6	B20-00-0037	Radiator Mount Kit	1
7	B20-00-0038	Rear Leg Kit	1
8	B20-00-0043	Temperature Switch	1
9	B20-00-0057	Thermostat	1
10	B20-00-0058	Thermostat Gasket	1
11	B20-00-0056	Oil Pressure Switch	1
12	B20-00-0024	Oil Filter Replacement	1
13	B20-00-0045	Carburetor(W/Auto Choke)	1
14	B20-00-0046	Carburetor Mount Gasket	2
15	B20-00-0047	Carburetor to Airhorn Gasket	1
16	B20-00-0036	Radiator	1
17	B20-00-0039	Radiator Upper Hose	1
18	B20-00-0040	Radiator Lower Hose	1
19	B20-00-0041	Radiator Cap	1
20	B20-00-0048	Valve Cover Gasket	1
21	B20-00-0055	Starter	1
22	B20-00-0092	Air Cleaner Bracket Spacer	2
23	B20-00-0091	Air Cleaner Mount Bracket	1
24	B20-00-0093	Relay Bracket	1
25	B20-00-0094	2 Speed Solenoid Mount Bracket	1
26	B20-00-0066	Starter Heat Shield	1
27	B20-00-0067	Electric Fuel Pump Mount Bracket	1
28	B01-06-0060	Relay-24V 50 Amp	4
29	B20-00-0027	Air Cleaner Assembly	1
30	B20-00-0028	Air Cleaner Housing	1
31	B20-00-0029	Air Cleaner Element	1
32	B20-00-0044	Throttle Solenoid	1
33	B20-00-0096	In Line Swivel	1
34	B20-00-0097	Rod End Swivel	1
35	B20-00-0098	Threaded Rod ¼-20 x 2"	1

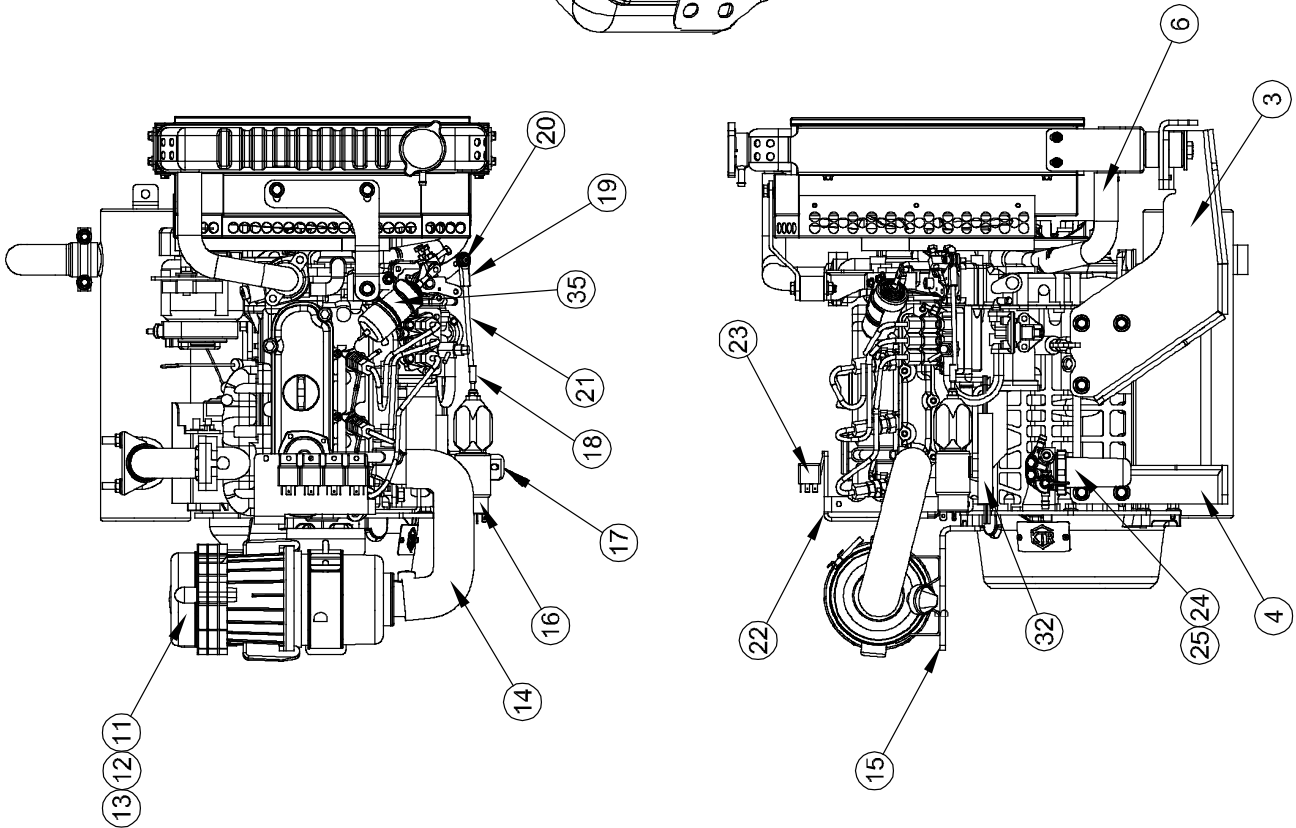
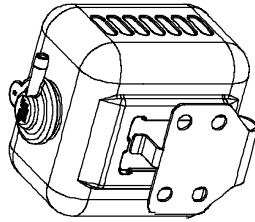
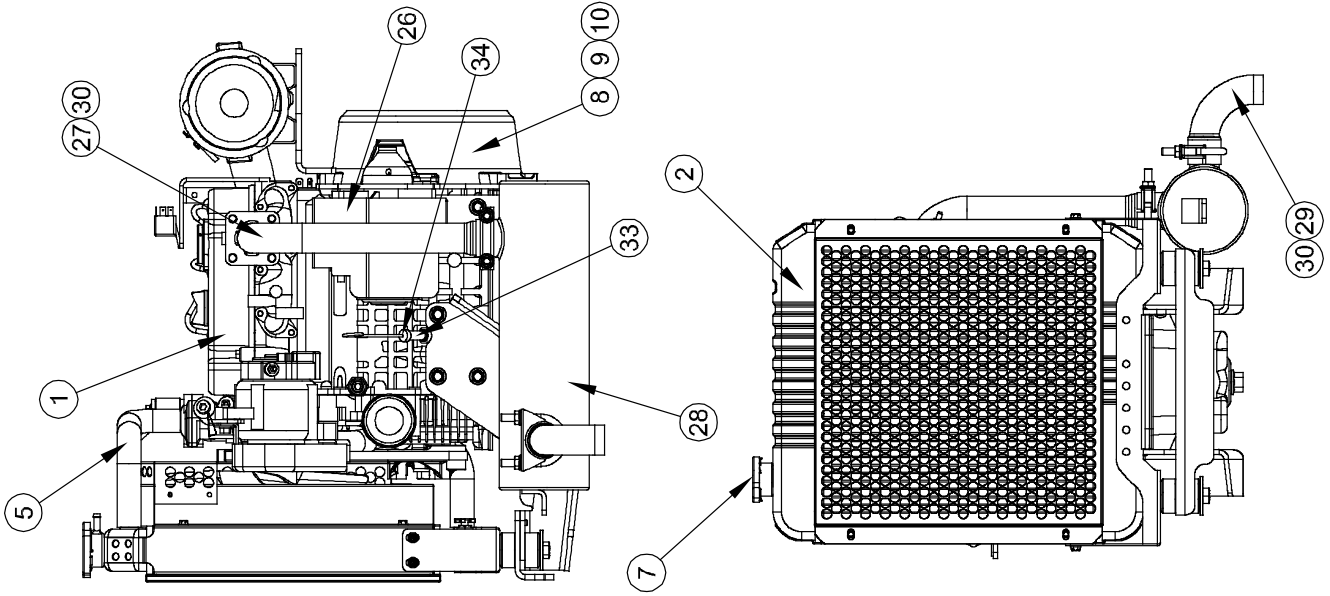
# GAS ENGINE ASSEMBLY (CONTINUED)



**GAS ENGINE ASSEMBLY PARTS LIST (CONTINUED)**

<b>Item No.</b>	<b>Part No.</b>	<b>Description</b>	<b>Qty.</b>
36	B20-00-0025	Fuel Filter Element	1
37	B20-00-0035	Oil Dipstick	1
38	B20-00-0095	Dip Stick Guide	1
39	B20-00-0051	Electric Fuel Pump	1
40	B20-00-0026	Intake Hose	1
41	B20-00-0099	Ignition Module	1
42	B20-00-0032	Exhaust Pipe W/Flange	1
43	B20-00-0030	Muffler	1
44	B20-00-0033	Tail Pipe 90 degree	1
45	B20-00-0053	Alternator	1
46	B20-00-0054	Alternator Stay	1
47	B20-00-0059	Water Pump	1
48	B20-00-0060	Water Pump Gasket	1
49	B20-00-0061	Cooling Fan	1
50	B20-00-0062	Fan Belt	1
51	B20-00-0049	Spark Plug	3
52	B20-00-0050	Spark Plug Wire & Caps	3
53	B20-00-0042	Coolant Overflow Bottle	1
54	B20-00-0100	Hose(Radiator-Overflow Bottle)(13")	1
55	B20-00-0101	Hose(Overflow-Base)(30")	1
56	B20-00-0102	Clamp-Exhaust 3/8" x1.75"	2
57	B20-00-0103	Harness-Engine Relays	1

# DIESEL ENGINE ASSEMBLY (OPTIONAL)

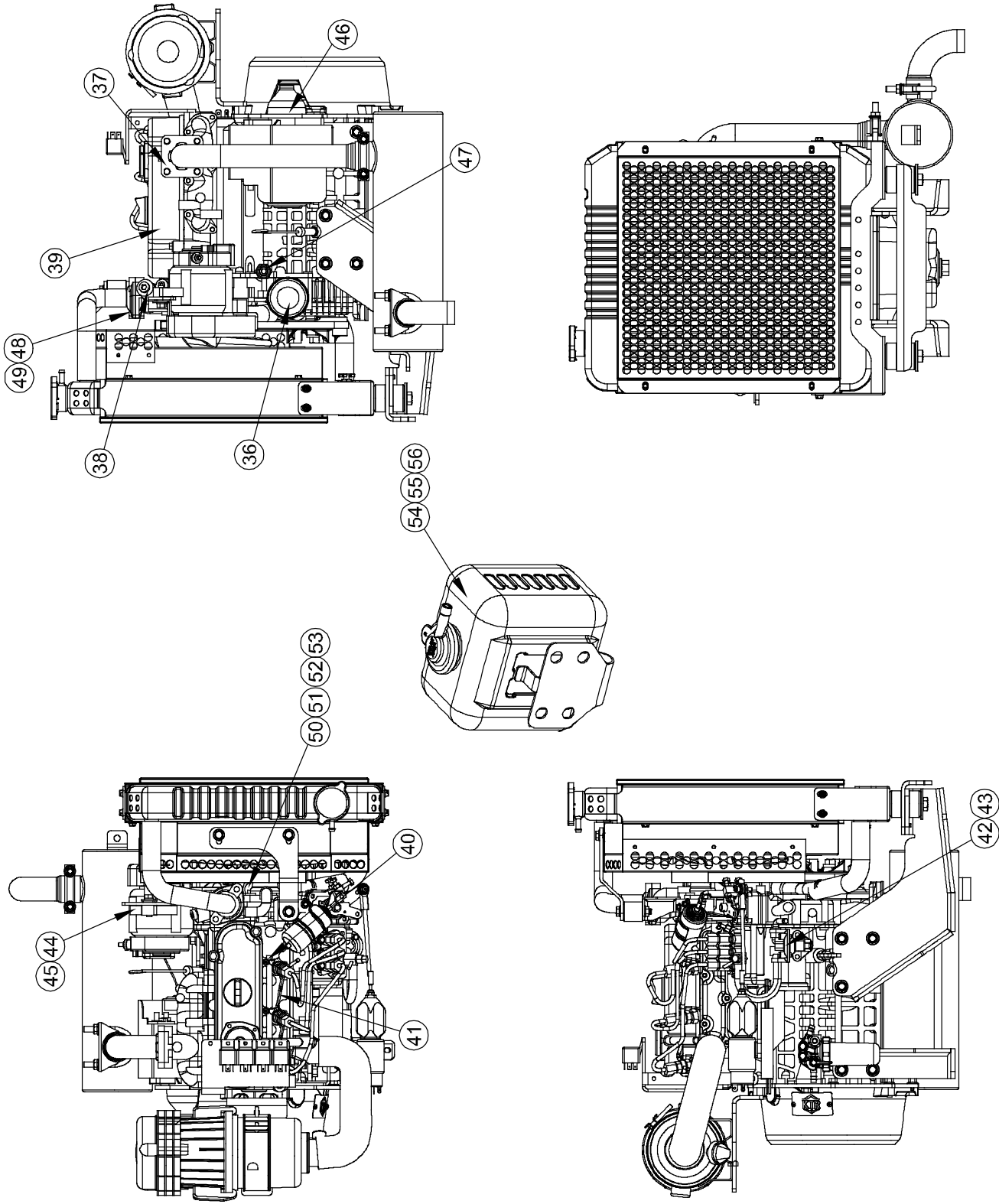




## DIESEL ENGINE ASSEMBLY PARTS LIST

Item No.	Part No.	Description	Qty.
1	A-02061	Diesel Engine-Kubota (Model # D902E-1)	1
2	B20-00-0036	Radiator	1
3	B20-00-0037	Radiator Mount Kit	1
4	B20-00-0038	Rear Leg Kit	1
5	B20-00-0039	Radiator Upper Hose	1
6	B20-00-0040	Radiator Lower Hose	1
7	B20-00-0041	Radiator Cap	1
8	B20-00-0064	Drive Flange Disc	1
9	B20-00-0065	Drive Hub B Spline 15T	1
10	B20-00-0063	Pump Mount Housing SAE B	1
11	B20-00-0027	Air Cleaner Assembly	1
12	B20-00-0028	Air Cleaner Element-Outer	1
13	B20-00-0029	Air Cleaner Element-Inner	1
14	B20-00-0104	Intake Hose	1
15	B20-00-0091	Air Cleaner Mounting Bracket	1
16	B20-00-0044	Solenoid - 2 Speed	1
17	B20-00-0105	Mount Bracket - 2 Speed Solenoid	1
18	B20-00-0096	Inline Swivel	1
19	B20-00-0106	Rod End	1
20	B20-00-0107	Shoulder Bolt	1
21	B20-00-0108	¼-20 x 4.5" all Thread	1
22	B20-00-0093	Relay Bracket	1
23	B01-06-0060	Relay-24V 50 Amp	4
24	B20-00-0068	Fuel Filter Assembly	1
25	B20-00-0069	Fuel Filter Element	1
26	B20-00-0066	Starter Heat Shield	1
27	B20-00-0032	Exhaust Pipe W/Flange	1
28	B01-06-0030	Muffler	1
29	B20-00-0033	Tail Pipe 90 Degree	1
30	B20-00-0103	Clamp-Exhaust 3/8" x1.75"	2
31		Harness-Engine Relays(Diesel)	1
32	B20-00-0084	Coil Commander	1
33	B20-00-0109	Guide - Dipstick	1
34	B20-00-0110	Dipstick	1
35	B20-00-0073	Solenoid Engine Stop	1

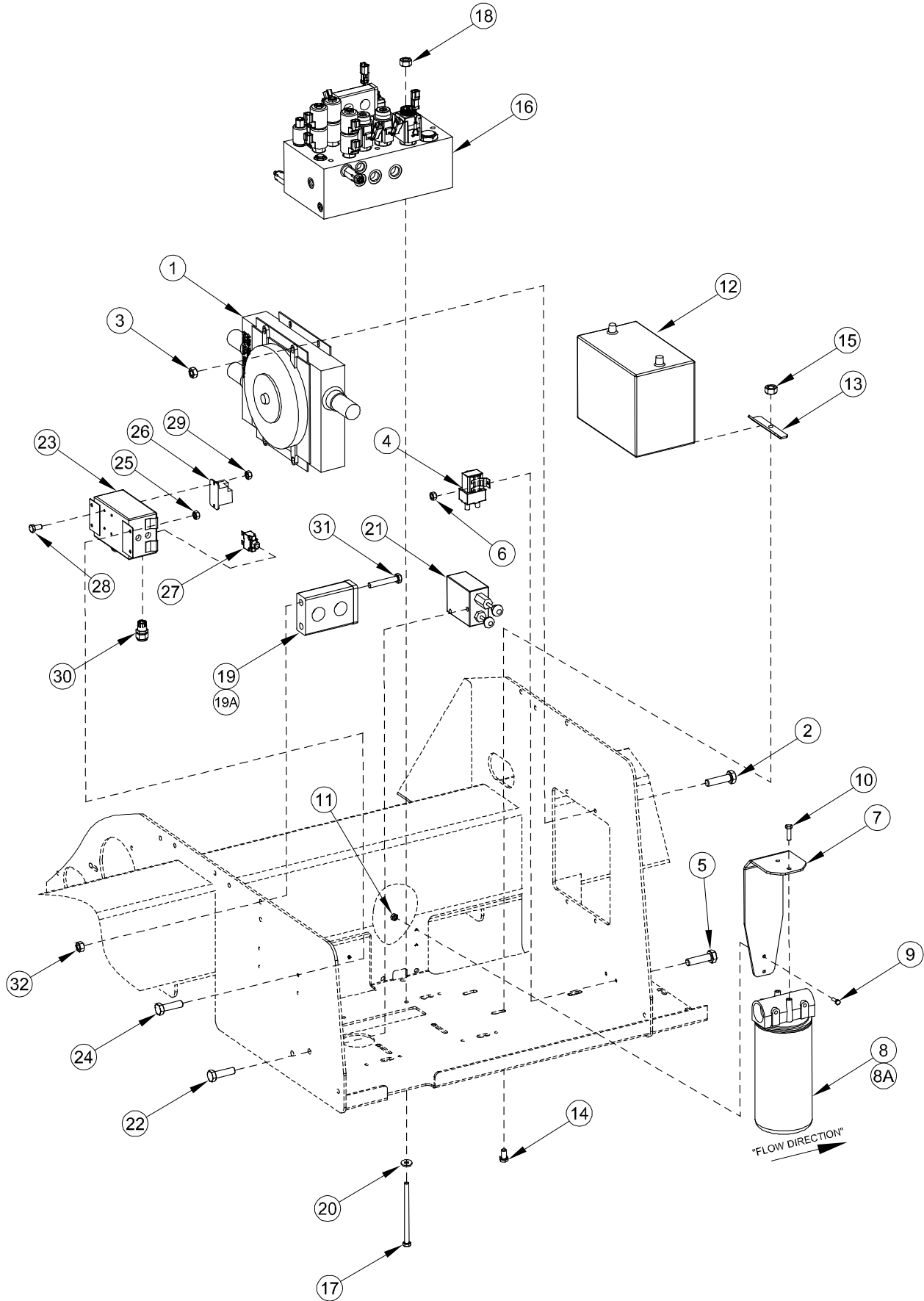
# DIESEL ENGINE ASSEMBLY (CONTINUED)



**DIESEL ENGINE ASSEMBLY PARTS LIST (CONTINUED)**

<b>Item No.</b>	<b>Part No.</b>	<b>Description</b>	<b>Qty.</b>
36	B20-00-0024	Oil Filter Replacement	1
37	B20-00-0031	Exhaust Gasket	1
38	B20-00-0043	Temperature Switch	1
39	B20-00-0048	Valve Cover Gasket	1
40	B20-00-0076	Glow Plugs	3
41	B20-00-0077	Fuel Overflow Pipe	1
42	B20-00-0078	Fuel Pump-Mechanical	1
43	B20-00-0079	Fuel Pump- Gasket	1
44	B20-00-0053	Alternator	1
45	B20-00-0054	Alternator Stay	1
46	B20-00-0080	Starter	1
47	B20-00-0056	Oil Pressure Switch	1
48	B20-00-0081	Thermostat	1
49	B20-00-0058	Thermostat Gasket	1
50	B20-00-0082	Water Pump	1
51	B20-00-0060	Water Pump Gasket	1
52	B20-00-0061	Fan-Pusher	1
53	B20-00-0062	Fan Belt	1
54	B20-00-0042	Coolant Overflow Bottle	1
55	B20-00-0100	Hose(Radiator-Overflow Bottle)(13")	1
56	B20-00-0101	Hose(Overflow Bottle-Base)(30")	1

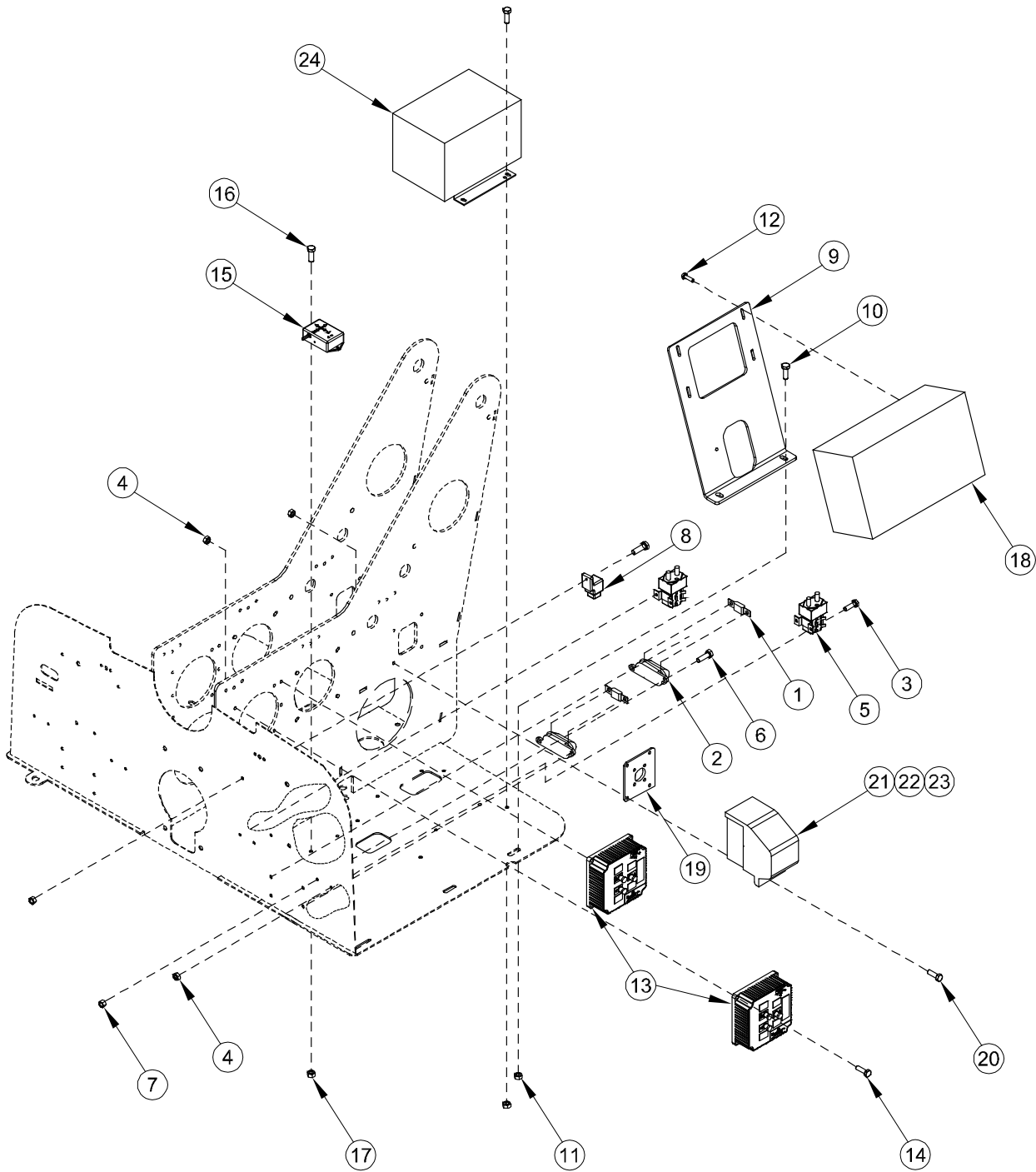
# HYDRAULIC COMPARTMENT ASSEMBLY



## HYDRAULIC COMPARTMENT ASSEMBLY PARTS LIST

Item No.	Part No.	Description	Qty.
1	A-02069	Oil Cooler	1
2	0096-0010	Screw-HHCS-M8x20	4
3	0096-0040	Nut-Lock-M8	4
4	B01-06-0058	Contactora-24V DC	1
5	0096-0125	Screw-HHCS-M5x16	2
6	0096-0126	Nut-Lock-M5	2
7	A-02033	Filter Bracket	1
8	A-02070	Filter Assy	1
8A	B02-00-0084	Replacement Filter	1
9	0090-0028	Screw-Cap-5/16-18x3/4	2
10	0096-0002	Screw-HHCS-M6x20	2
11	0096-0039	Nut-Lock-M6	2
12	B01-04-0004	Battery 12V	1
13	A-02032	Battery Clamp	2
14	0096-0016	Screw-HHCS-M10x25	2
15	0096-0041	Nut-Lock-M10	2
16	A-02063	Drive Manifold (Refer to Page 96)	1
17	0096-0180	Screw-HHCS-M10x150	3
18	0096-0041	Nut-Lock-M10	3
19	B04-07-0143	Clamp Type	4
19A	B04-07-0144	Cover Plate	1
20	0096-0093	Washer-Flat-M10	3
21	A-01038	Pump-Hand-Brake Release	1
22	0090-0040	Screw-Cap-3/8-16x3/4	2
23	A-02015	Switcher Box	1
24	0096-0002	Screw-HHCS-M6x20 (Switcher Box)	4
25	0096-0039	Nut-Lock-M6	4
26	B01-06-0059	Relay-20 Amp	2
27	B01-10-0354	Circuit Breaker-20 Amp	2
28	0096-0112	Screw-HHCS-M4x12	4
29	0096-0076	Nut -Lock-M4	4
30	B01-09-0029	Cord Grip Plastic	4
31	0096-0095	Bolts-M10x130	2
32	0096-0041	Nut-Lock-M10	2

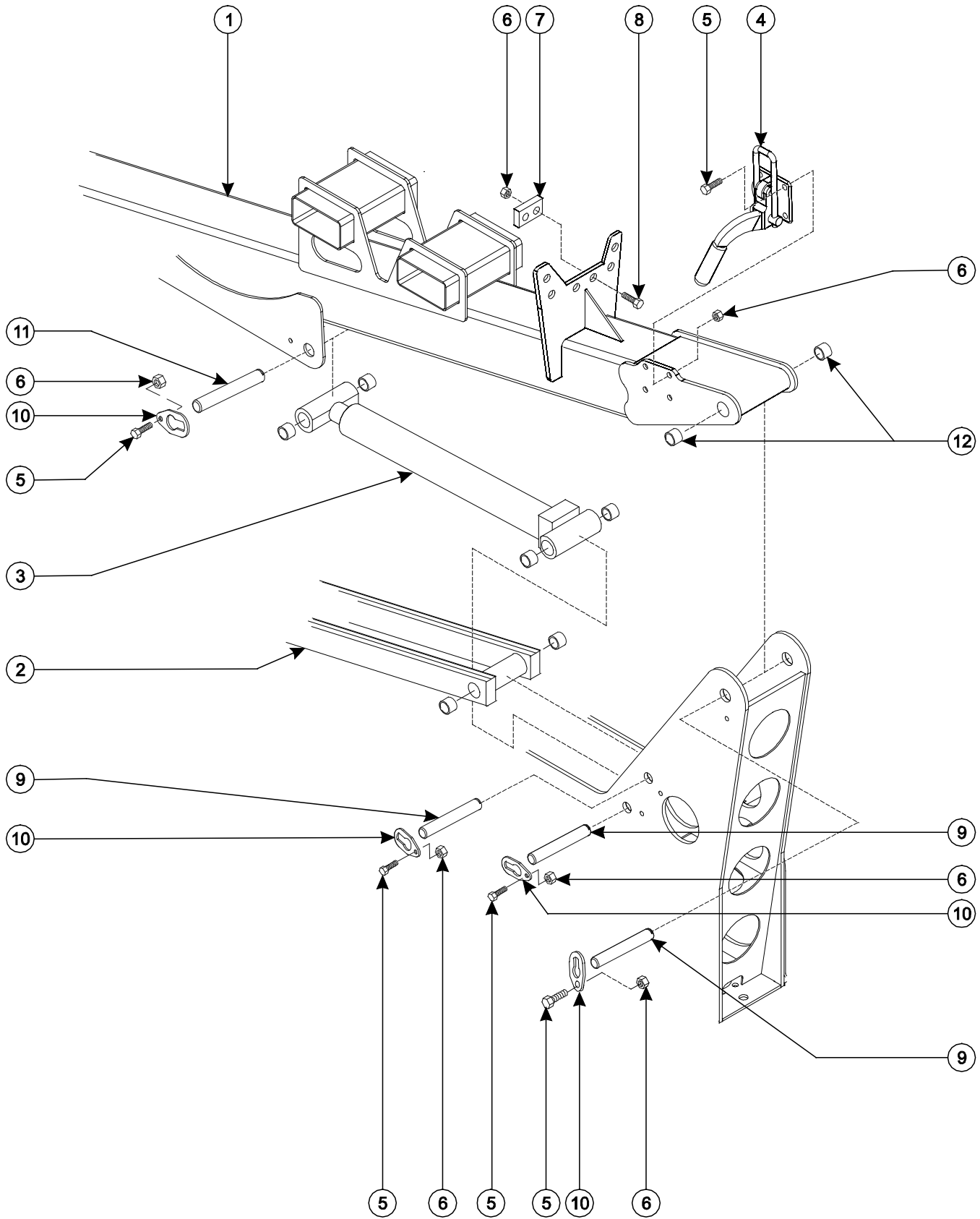
# CONTROL COMPARTMENT ASSEMBLY



## CONTROL COMPARTMENT ASSEMBLY PARTS LIST

Item No.	Part No.	Description	Qty.
1	B01-10-0330	Fuse 200 Amp	2
2	B01-10-0331	Fuse Holder-200 Amp	2
3	0096-0001	Screw-HHCS-M6x16	4
4	0096-0039	Nut-Lock-M6	15
5	B01-06-0058	Contactator-24V DC	2
6	0096-0125	Screw-HHCS-M5x16	4
7	0096-0126	Nut-Lock-M5	4
8	B01-06-0053	Relay-24 VDC 20 A	2
9	A-02233	Lower Control Mount	1
10	0096-0016	Screw - HHCS - M10x25	2
11	0096-0041	Nut-Lock-M10	2
12	0096-0001	Screw-HHCS-M6x16	4
13	A-00297	Motor Controller	2
14	0096-0131	Screw-HHCS-M6x30	4
15	A-00295	Level Sensor-5 Deg 0-5v	1
16	0096-0113	Screw-HHCS-M4x16	2
17	0096-0073	Nut-Lock-M4	2
18	A-03546	Lower Control Box	1
19	A-00287	Mount Plate-GFI	1
20	0096-0002	Screw-HHCS-M6x20	7
21	B01-10-0046	Box-Weather Tite	1
22	B-01-10-0034	Receptacle-GFI	1
23	A-00288	Plastic Cover	1
24	B-01-05-0056	Charger-Battery-24 Volt/40 Amp	1

# LOWER BOOM ASSEMBLY

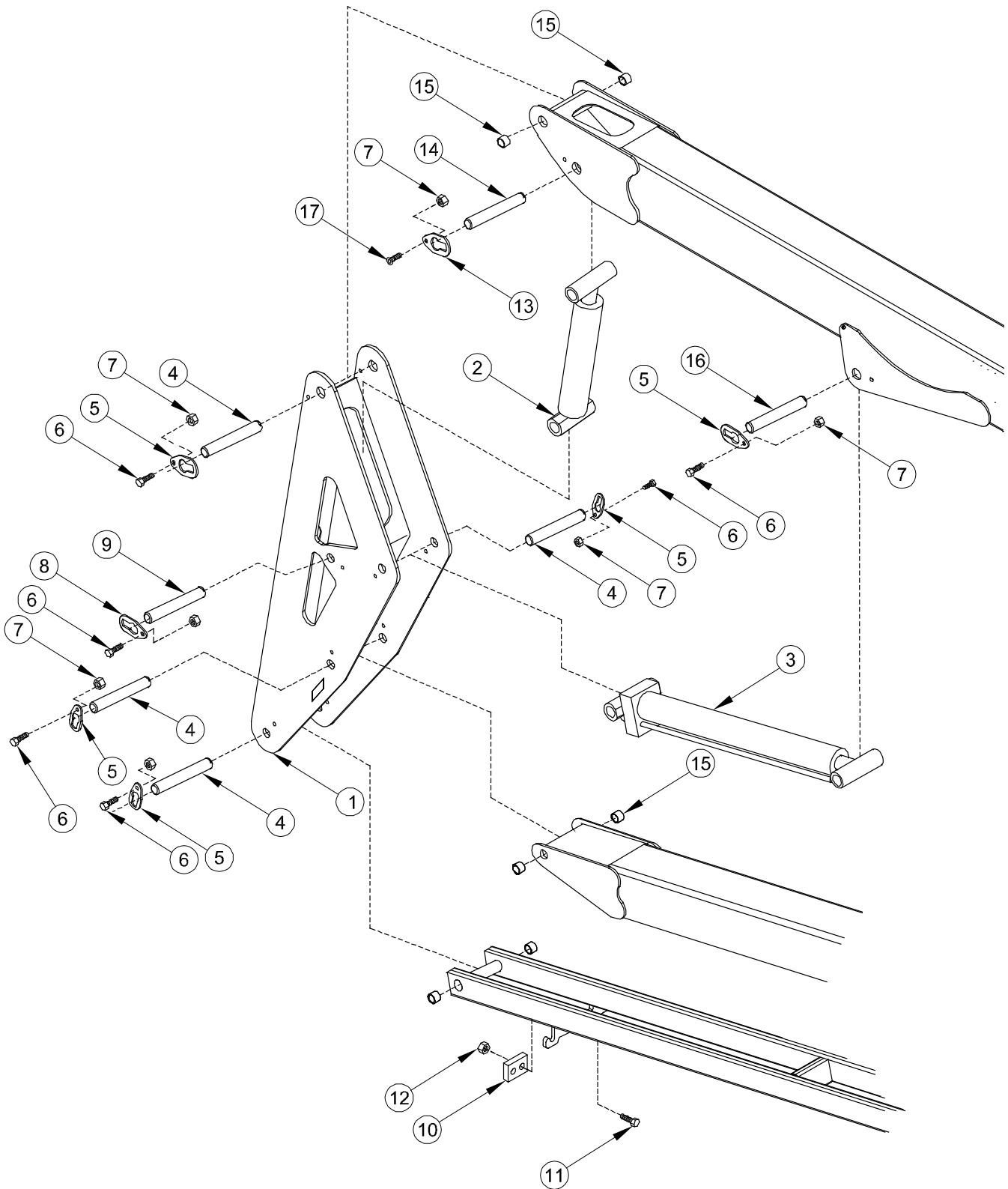




## LOWER BOOM ASSEMBLY PARTS LIST

Item No.	Part No.	Description	Qty.
1	A-02300	Lower Boom Weldment	1
2	A-02382	Lower Link Weldment	1
3	A-02551	Lift Cylinder	1
4	A-00159	Boom Latch	1
5	0096-0016	Cap Screw, M10 x 25	8
6	0096-0041	Hex Nut, Self-Locking, M10	14
7	A-00157	Rest Pad	3
8	0096-0017	Cap Screw, M10 x 30	6
9	A-00021	Pin, 1.25 x 8.5	3
10	A-00019	Pin Retainer, 1.25	4
11	A-00059	Pin, 1.5 x 7.25	1
12	A-00032	Bearing	2

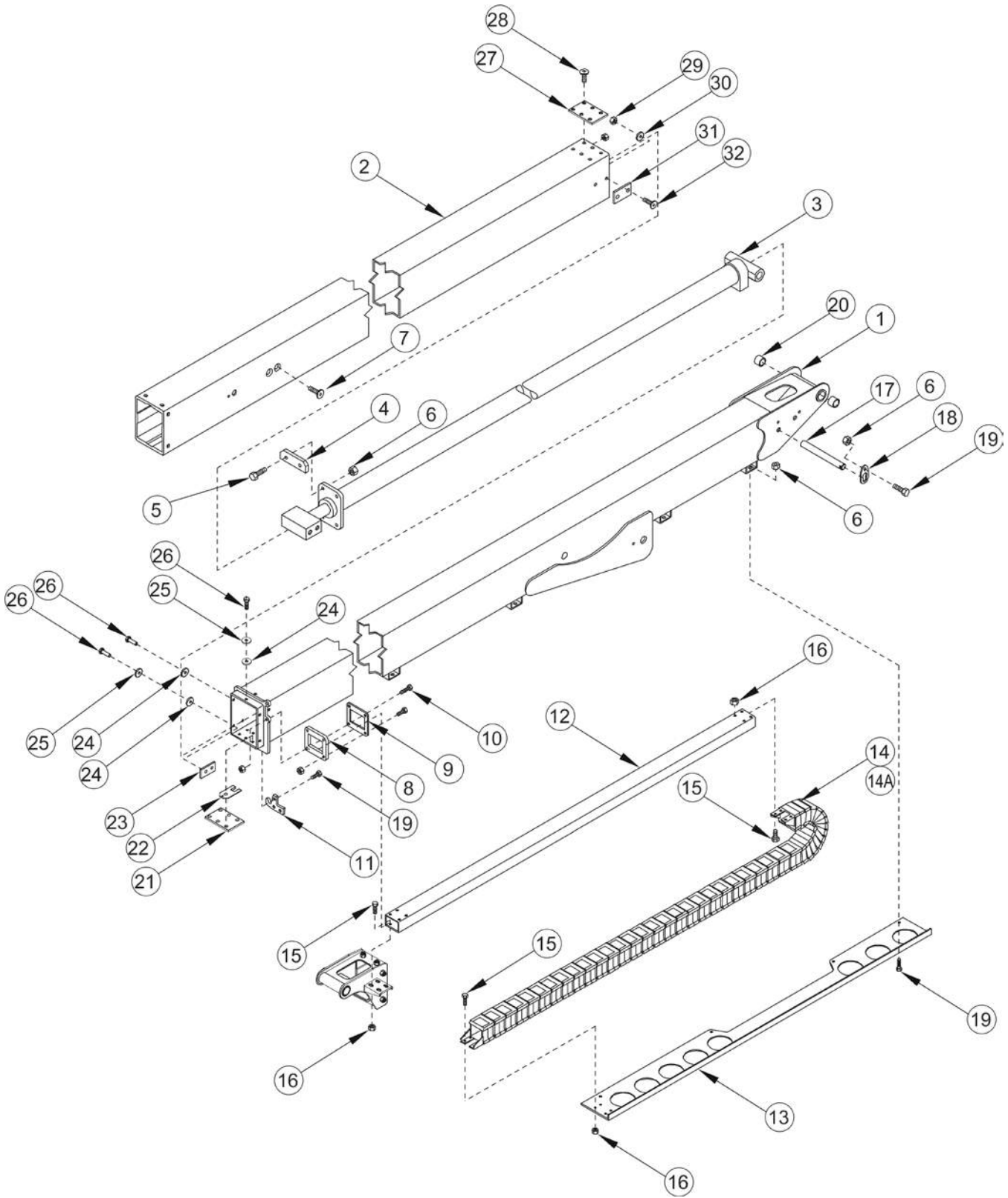
# TRIANGLE WELDMENT ASSEMBLY



## TRIANGLE WELDMENT ASSEMBLY PARTS LIST

Item No.	Part No.	Description	Qty.
1	A-02320	Triangle Weldment	1
2	A-01552	Master Cylinder	1
3	A-02551	Lift Cylinder	1
4	A-00021	Pin,-1.25 x 8.5	4
5	A-00019	Pin Retainer,-1.25	7
6	0096-0016	Screw-HHCS-M10 x25	8
7	0096-0041	Nut-Lock-M10	9
8	A-00018	Pin Retainer,-1.0	1
9	A-00049	Pin,-1.0 x8.5	1
10	A-00537	Switch Block	1
11	0096-0049	Screw-HHCS-M8 x45	2
12	0096-0040	Nut -Lock-M8	2
13	A-00054	Pin Retainer,-1.0 FH	1
14	A-00051	Pin,-1.0 x7.0, DB	1
15	A-00032	Bearing	6
16	A-00059	Pin,-1.25 x7.25	1
17	0096-0091	Screw-FHCS-M10x25	1

# UPPER BOOM ASSEMBLY



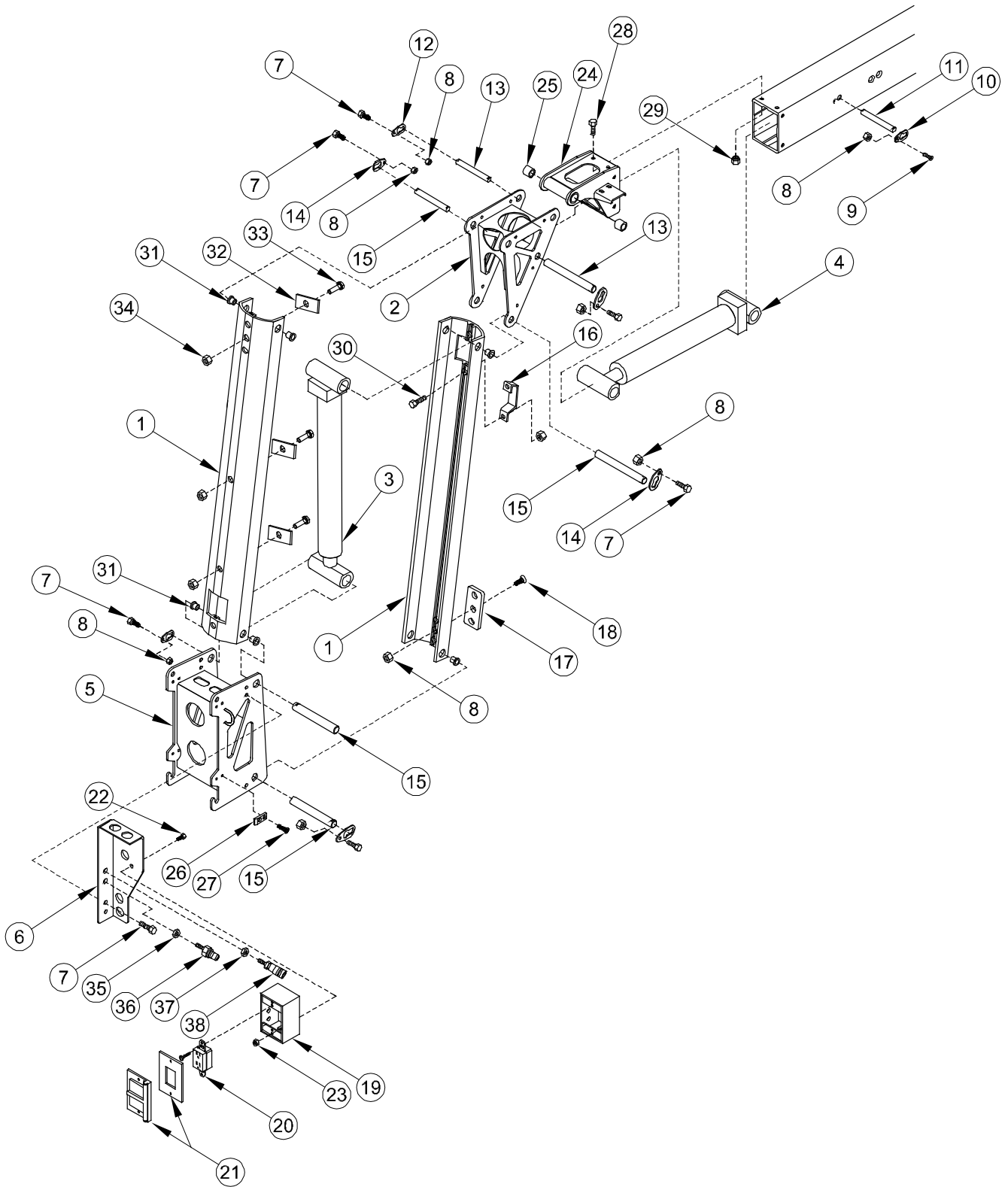
## UPPER BOOM ASSEMBLY PARTS LIST

Item No.	Part No.	Description	Qty.
1	A-02502	Upper Boom Weldment	1
2	A-02510	Telescopic Boom Tube	1
3	A-02550	Extension Cylinder	1
4	A-00535	Slider	2
5	0096-0017	Screw-HHCS-M10x30	4
6	0096-0041	Nut-Lock-M10	16
7	0096-0033	Screw-FHCS-M16x35	4
8	A-00532	Tube Slider	1
9	A-00529	Tube Slider Back	1
10	0096-0018	Screw-HHCS-M10x40	4
11	A-01554	Boom Latch Hook	1
12	A-02531	Cable Track Tube	1
13	A-02536	Cable Track Tray	1
14	A-02530	Cable Track, Dual Piece Mounting, Both Ends <b>(Prior to June 2010)</b>	1
14A	A-02520	Cable Track, Single Piece Mounting, Both Ends <b>(June 2010 onwards)</b> . Also uses: 0096-0012 M8 x 25 Flat Head Cap Screw (Qty of 2) to attach to Item 13	
15	0096-0010	Screw-HHCS-M8x20 (Qty used decreases by 6 when Item 14A is used)	18
16	0096-0040	Nut-Lock-M8 (Qty used decreases by 4 when Item 14A is used)	18
17	A-00035	Pin,-0.75 x 6.5	1
18	A-00034	Pin Retainer,-0.75	1
19	0096-0016	Screw-HHCS-M10x25	8
20	A-00032	Bearing	4
21*	A-00542	Wear Pad Front Bottom	1
22*	A-00534	Wear Pad Shim	4
23*	A-00533-2	Wear Pad Boom Gray	4
24*	0096-0047	Washer-Nylon	14
25*	0096-0119	Washer-Flat-M10 Standard	10
26*	0096-0132	Screw-HHCS-M10x16 Alum	14
27+	A-00540	Wear Pad Top Rear	2
28+	0096-0006	Screw-FHSCS-M6x25	12
29+	0096-0039	Nut Lock-M6	12
30+	0096-0077	Washer Flat-M6	12
31+	A-00541	Wear Pad Side	2
32	0096-0003	Screw-FHSCS -M6x20	4

\* B22-00-0069 Outer Wear Pad Kit (Includes Items 21-26).

+ B22-00-0070 Inner Wear Pad Kit (Includes Items 27-31).

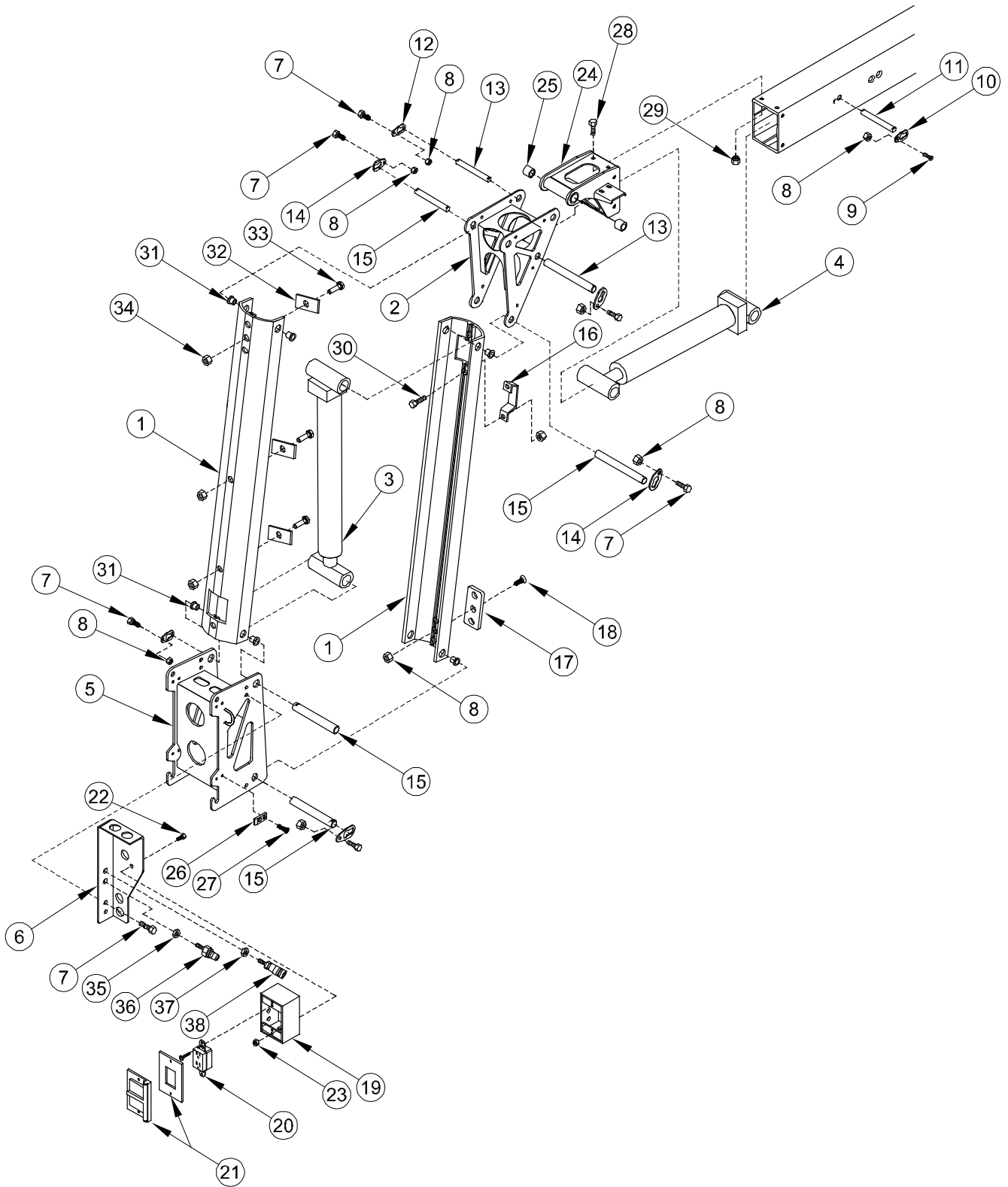
# JIB BOOM ASSEMBLY



## JIB BOOM ASSEMBLY PARTS LIST

Item No.	Part No.	Description	Qty.
1	A-00657	Jib Link Weldment	2
2	A-00651	End Pivot Weldment	1
3	A-00660	Jib Cylinder	1
4	A-01553	Slave Cylinder	1
5	A-00662	Jib End Weldment	1
6	A-01979	Bulkhead	1
7	0096-0016	Screw-HHCS-M10 x 25	7
8	0096-0041	Nut-Lock-M10	12
9	0096-0091	Screw-FHCS-M10 x 25	2
10	A-00054	Pin Retainer,-1.0-Flat Head	2
11	A-00052	Pin,-1.0x5.25	1
12	A-00018	Pin Retainer,-1.0	2
13	A-00061	Pin, -1.0 x7.375	2
14	A-00925	Pin Retainer,-0.75	4
15	A-00050	Pin,-0.75 x7.375	4
16	A-00674	Valve Guard	1
17	A-00667	Jib Bumper	1
18	0096-0068	Screw-FHCS-M10 x45	5
19	B01-10-0046	Outlet Box	1
20	B01-10-0034	GFI Outlet	1
21	B01-10-0392	Outlet Box Cover	1
22	0096-0001	Screw-HHCS-M6 x16	2
23	0096-0039	Nut-Lock-M6	10
24	A-00522	Boom End Weldment	1
25	A-00031	Bearing	2
26	A-00038	Ramp	4
27	0096-0002	Screw-FHCS-M6x20	8
28	0096-0019	Screw-HHCS-M12x25	8
29	0096-0042	Nut-Lock-M12	8
30	0096-0018	Screw-HHCS-M10x40	2
31	A-00056	Bearing, 0.75 ID x 0.5 Long	8
32	A-00669	Jib Hose Clamp	3
33	0096-0100	Screw-HHCS-M6x35	3
34	0096-0036	Nut-Lock-M6	3
35	B09-00-0052	#4MJIC-#4MNPT Str Bulkhead	1

# JIB BOOM ASSEMBLY (CONTINUED)

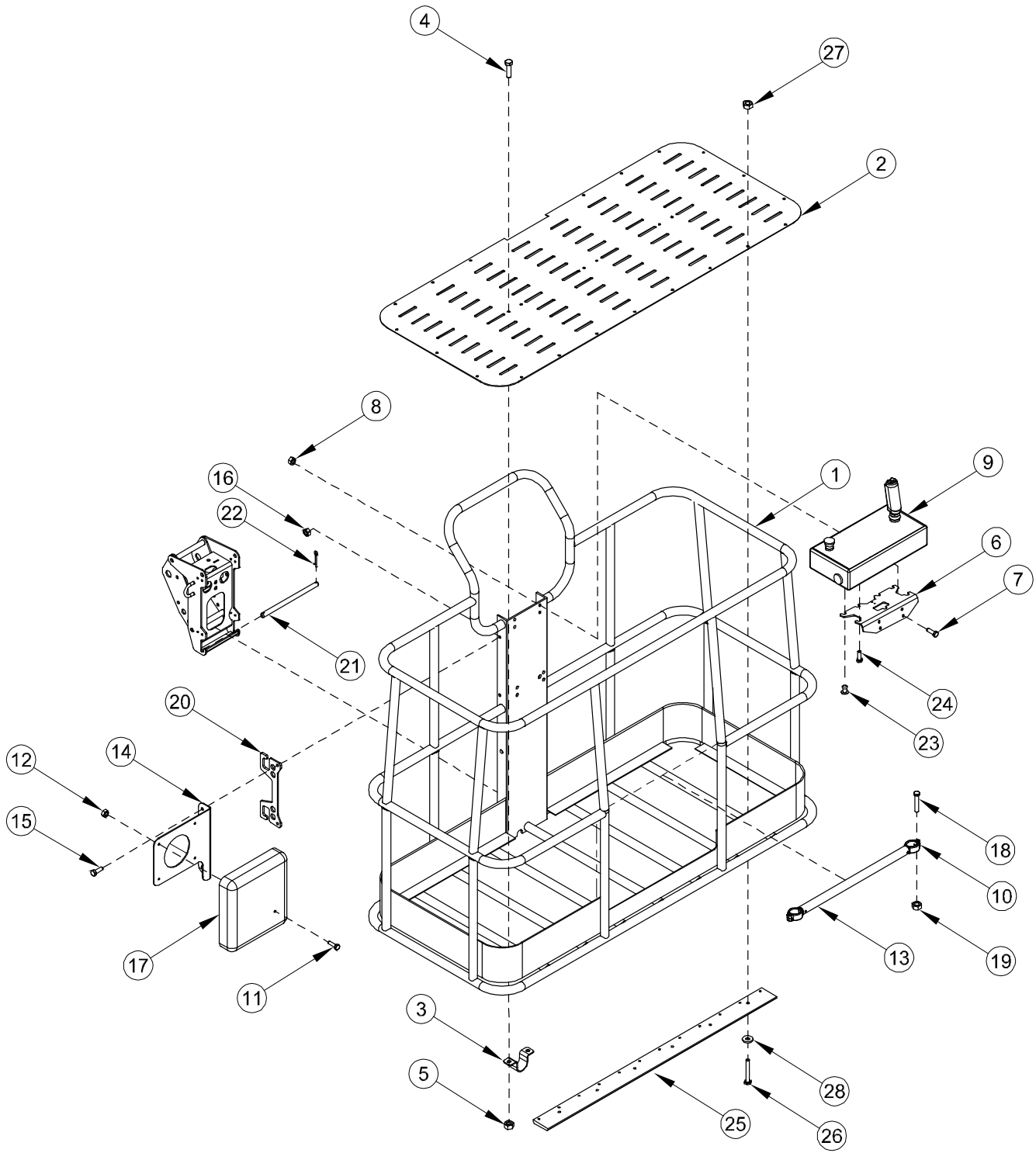




## JIB BOOM ASSEMBLY PARTS LIST (CONTINUED)

Item No.	Part No.	Description	Qty.
36	B09-00-0054	#4 QD Coupler-#4 FMNPT	1
37	B09-00-0058	#6MJIC-#6MNPT Str Bulkhead	1
38	B09-00-0057	#6 QD Nipple-#6FMNPT	1

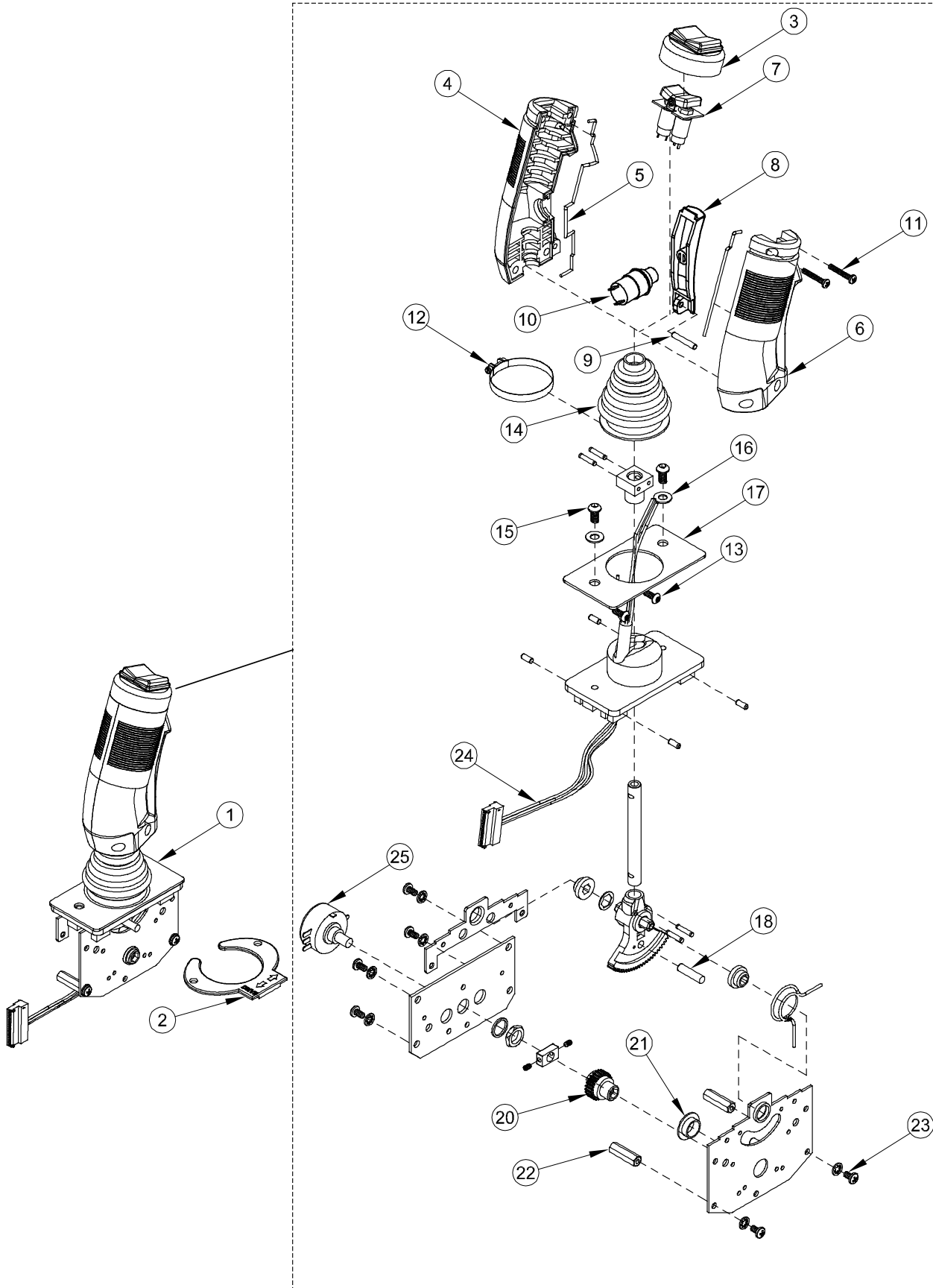
# PLATFORM ASSEMBLY



## PLATFORM ASSEMBLY PARTS LIST

Item No.	Part No.	Description	Qty.
1	A-03350	Platform Weldment - 5ft Wide	1
1	A-03365	Platform Weldment - 4ft Wide	1
1	A-03380	Platform Weldment - 100cm Wide Option	1
2	A-03359	Platform Bottom 5ft	1
3	A-03376	Clamp-Conduit-Rigid-2 Hole Drilled	3
4	0096-0102	Screw-BHCS- M8 x25mm-gr8.8	26
5	0096-0040	Nut-Lock- M8-Gr 8	26
6	A-03361	Upper Control Mount 5ft Platform	1
7	0096-0016	Screw- HHCS-M10x25mm-gr8.8	4
8	0096-0041	Nut-Lock-M10-Gr 8	4
9	A-03545	Platform Control Box	1
10	A-00463	Platform Midrail End-cage	4
11	0096-0052	Screw-HHCS-M6x40mm-gr8.8	2
12	0096-0039	Nut-Lock- M6-Gr 8	4
13	A-00464	Midrail Tube Boom Cage	1
14	A-00468	Manual Mount Plate	1
15	0096-0017	Screw- HHCS-M10 X 30mm-gr8.8	2
16	0096-0041	Nut-Lock-M10-Gr 8	2
17	A-00475	Manual Storage Box-gasketed	1
18	0096-0001	Screw- HHCS- M6 x16mm-Gr8.8	4
19	0096-0039	Nut-Lock- M6-Gr 8	4
20	A-00474	Cord Wrap Bracket	1
21	A-00071	Pin-platform-.5 x8.875	1
22	0090-0147	Pin-cotter-1/8 x1 1/4-zinc	2
23	0090-0679	Rivet-pop-5/32 x.250 Grip	2
24	0096-0115	Screw- SHCS-M6 x20mm-gr8.8	2
25	A-00488	Skid Pad-articulating Booms	1
26	0096-0080	Screw-FHCS-M8x70mm-gr8.8	4
27	0096-0040	Nut-Lock- M8-Gr 8	4
28	0090-0420	Washer-SAE-flat- 5/16-zinc	4

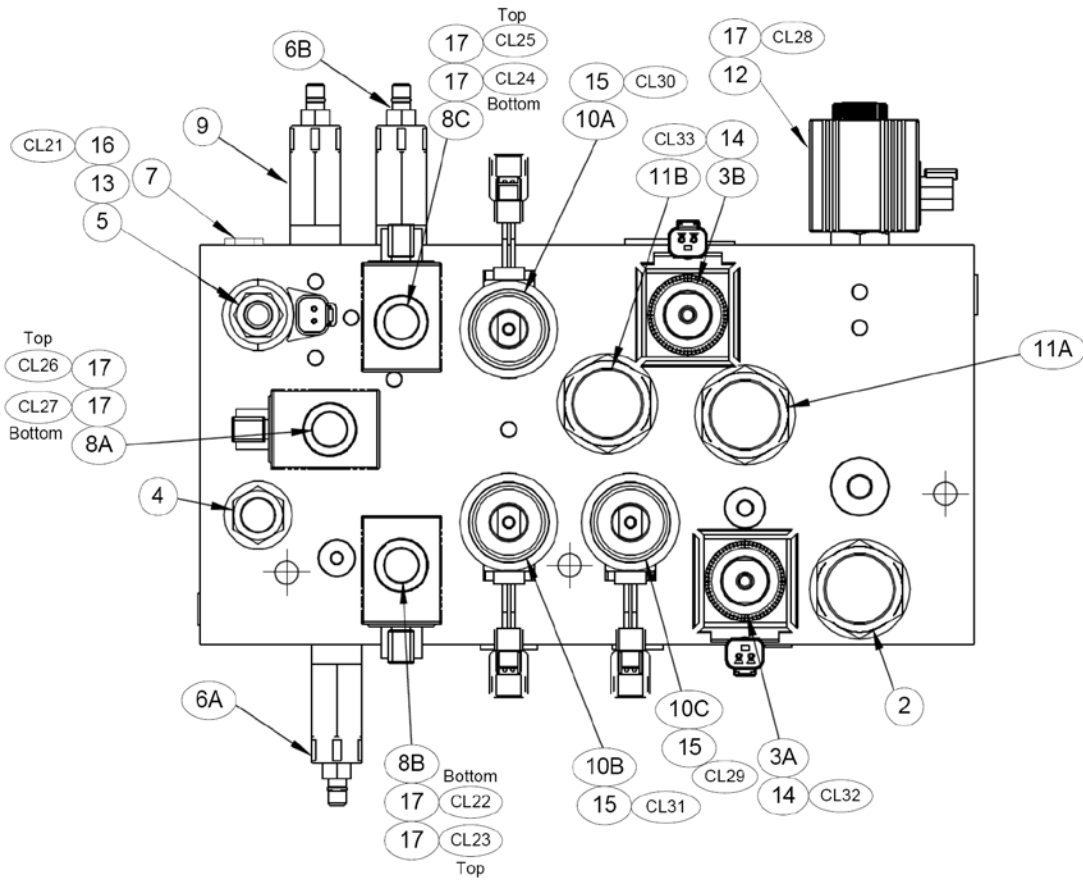
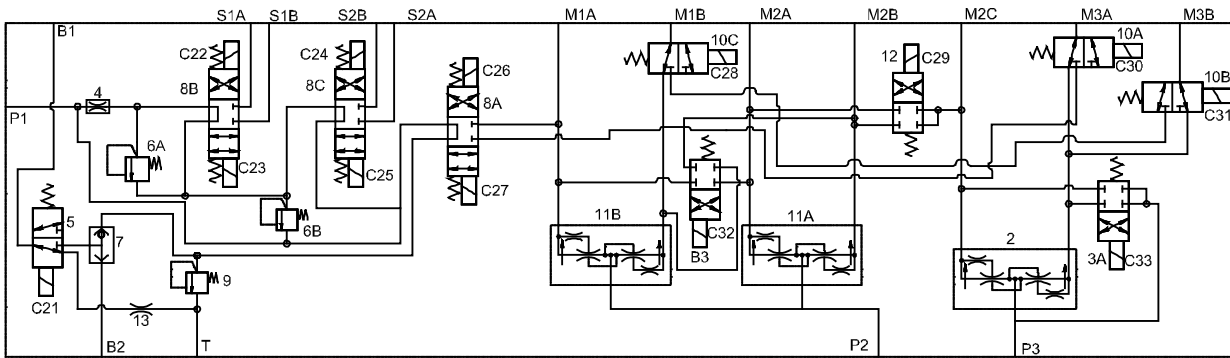
# JOYSTICK ASSEMBLY



## JOYSTICK PARTS LIST

Item No.	Part No.	Description	Qty.
1	B01-10-370	Joystick	1
2	B01-10-318	Plate, Drive Direction	1
3	B01-10-0311	Rubber Cup, Thumb Switch	1
4	B01-10-0312-1	Handle, Joystick, Left Half	1
5	B01-10-0313	Rubber Cord	2
6	B01-10-0312-2	Handle, Joystick, Right Half	1
7	B01-10-0315	Switch, Thumb Actuator	1
8	B01-10-0314	Lever, Enable Switch	1
9	B01-10-0305	Pin, Dowel, 1/8 x 3/4 in.	1
10	B01-10-0316	Pushbutton, Enable Switch	1
11	0090-0500	Screw, Machine #4-40 x 3/4 in.	2
12	B01-10-0218	Clamp	1
13	B01-10-0217	Screw, Machine, Torx, #6-32 x 3/8 in.	2
14	B01-10-0210	Boot, Rubber	1
15	0090-0243	Screw, Machine, #10-32 x 1/2 in.	2
16	B01-10-0209	Washer, Plastic	2
17	B01-10-0208	Gasket, Foam	1
18	B01-10-0306	Pin, Dowel, 3/16 x 3/4 in.	1
19	B01-10-0308	Spring, Torsion	1
20	B01-10-0307	Gear, 24 Tooth, Switch Activation	1
21	B01-10-0310	Bushing, Flanged	1
22	B01-10-0309	Standoff, Hex	2
23	0030-1087	Screw, Machine, Panhead, #6-32 x 1/4 in.	2
24	B01-10-0393	Harness, Rocker/Lever Switch	1
25	B01-10-0394	Potentiometer W/Nut and Washer	1

# DRIVE MANIFOLD ASSEMBLY



## DRIVE MANIFOLD ASSEMBLY PARTS LIST

Item No.	Part No.	Description	Qty.
1	A-02063	Manifold Complete	1
2	B02-04-0125	Valve-Flow Divider Combiner	1
3A, 3B	B02-04-0126	Valve-Directional 4 Way-2 Position	2
4	B02-04-0127	Valve-Flow Regulator Set at 2.5gpm	1
5	B02-04-0128	Valve-Directional 3 Way-2 Position	1
6A	B02-04-0129	Valve-Relief (Set at 2400 PSI)	1
6B	B02-04-0130	Valve-Relief (Set at 1500 PSI)	1
7	B02-04-0131	Valve-Shuttle	1
8A, 8B, 8C	B02-04-0132	Valve-Directional 4 Way-3 Position	3
9	B02-04-0133	Valve-Relief (Set at 360PSI)	1
10A, 10B,10C	B02-04-0134	Valve-Directional 3 Way-2 Position	3
11A, 11B	B02-04-0135	Valve-Flow Divider Combiner	2
12	B02-04-0136	Valve-Directional 4 Way-2 Position	1
13	B02-04-0137	Orifice Disc (0.030")	1
14	B01-08-0026	Coil-24V W/Deutsch Conn (For Valves 3A & 3B)	2
15	B01-08-0027	Coil-24V W/Deutsch Conn (For Valves 10A,10B,10C)	3
16	B01-08-0028	Coil-24V W/Deutsch Conn (For Valve 5)	1
17	B01-08-0029	Coil-24V W/Deutsch Conn (For Valves 8A, 8B, 8C,12)	7

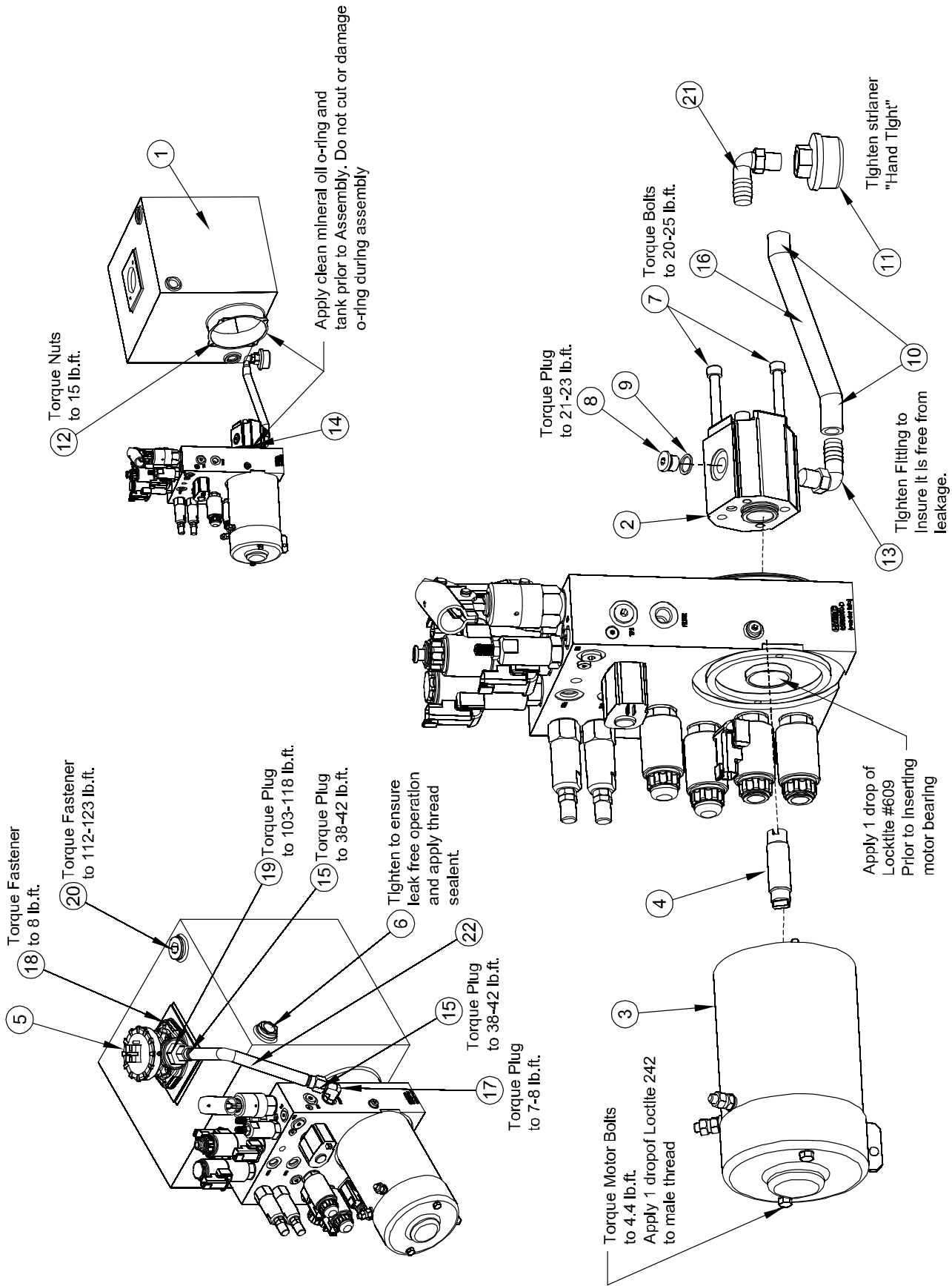




**PUMP ASSEMBLY (A-02254HS) PARTS LIST**

<b>Item No.</b>	<b>Part No.</b>	<b>Description</b>	<b>Qty.</b>
1	B02-15-0496	Manifold, Valve Housing	1
2	B02-14-0108	Valve, Cartridge (Telescope)	2
3	B02-15-0472	Manual Pump, Extend/Retract/Rotate	1
4	B02-14-0089	Valve, Cartridge (Outrigger Check)	1
5	B02-14-0109	Valve, Cartridge (Outrigger)	2
6	B02-14-0091	Valve, Check	1
7	B02-14-0110	Valve, Check	1
8	B02-14-0094	Valve, Proportional	1
9	B02-14-0095	Coil Sterling, Proportional Valve	1
10	B02-14-0111	Valve, Relief	1
11	B02-14-0097	Valve, Relief	1
12	B02-14-0098	Valve, Shuttle	1
13	B02-14-0099	Valve, Cartridge (Rotator)	1
14	B02-14-0100	Valve, Counterbalance	2
15	B02-14-0101	Valve, Cartridge (Basket Compensate)	1
16	B02-14-0	Valve, Flow Control (Rotator)	1
17	B02-02-0245	Fitting, Plug, #2 ORB	11
18	B02-02-0246	Fitting, Hex Plug	1
19	B02-02-0277	Fitting, Plug, #4 ORB	5
20	B02-14-0112	Coil, 20 VDC, #8	5
21	B02-14-0113	Coil, 20 VDC, #10	4
22	B02-15-0497	Stud, 1/4-20 x 5/8	4
23	B02-15-0498	Expansion Plug	1
24	B02-02-0283	Fitting, Plug, #6 ORB	2
25	B02-15-0478	Seal Ring	1

# PUMP ASSEMBLY (A-02254HS) (CONTINUED)



**PUMP ASSEMBLY (A-02254HS) PARTS LIST (CONTINUED)**

<b>Item No.</b>	<b>Part No.</b>	<b>Description</b>	<b>Qty.</b>
1	B02-15-0511	Reservoir	1
2	B02-15-0512	Pump Assembly, 3.15CCM	1
3	B02-15-0471	Motor, Pump, 24 V DC	1
4	B02-15-0500	Coupling, .875 x 2.795	1
5	B02-15-0501	Filter, Hydraulic	1
6	B02-15-0476	Sight Glass	1
7	B02-15-0509	Socket Head Cap Screw, M8 x 95	2
8	B02-02-0247	Fitting, Plug, M14 x 1.5 x 5.8	1
9	B02-15-0478	Seal Ring	1
10	B02-15-0485	Clamp, Band, #10-16	2
11	B02-15-0480	Filter, Suction, Pump	1
12	B02-15-0504	Allen Nut, 1/4-20	4
13	B02-02-0255	Fitting, M18 x HB-90 MxHB-90	1
14	B02-15-0503	O-Ring, 110.72 x 3.53 NBR 70D	1
15	B02-02-0279	Fitting, JIC-8 x Push On FsxPO	2
16	B02-15-0510	Hose, Black, 1/2 x 10"	1
17	B02-02-0280	Fitting JIC-8 x #6 90 MxM	1
18	B02-15-0506	Cap Screw, #5/16-18 x 1 1/4	2
19	B02-02-0278	Fitting, JIC-8 x G 3/4 MxM	1
20	B02-02-0281	Fitting, Plug, #12 ORB	2
21	B02-02-0282	Fitting, 3/8 NPT x 1/2 MxHB	1
22	B02-15-0507	Hose, Black, 1/2 x 15"	1



## HYDRAULIC SCHEMATIC PARTS LIST

Item No.	Part No.	Description	Qty.
1	B02-15-0512	Pump-Gear 3.15cc/Rev	1
2	B02-15-0471	Motor-24VDC 3KW 3300rpm	1
3	B02-15-0472	Pump-Hand .5cc/pump	1
4	B02-14-0091	Valve-Check	1
5	B02-15-0480	Strainer-Suction	1
6	B02-15-0501	Filter & Housing	1
7	B02-00-0070	Filter-Replacement	1
8	B02-14-0094L	Valve-Prop	1
9	B02-14-0095	Coil-Prop	1
10	B02-14-0111	Valve-Relief(Set at 3000psi)	1
11	B02-14-0109	Valve-Outrigger-Pump	1
12	B02-14-0113	Coil 20V DC	4
13	B02-14-0089	Valve-Check-Outrigger-Pump	1
14	B02-14-0112	Coil 20V DC	5
15	B02-14-0110	Valve-Check-PO	1
16	B02-14-0099	Valve-Cart-Rotate	1
17	B02-14-0097	Valve-Relief (800psi)(Rotate)	1
18	B02-14-0114	Valve-Flow Control	1
19	B02-14-0098	Valve-Shuttle	1
20	B02-14-0108	Valve-Cart-Ext Cylinder	1
21	B02-14-0101	Valve-Cart-Basket Level	1
22	B02-14-0100	Valve-Counter Balance	1
23	B02-15-0511	Reservoir-5.6 gal capacity useable	1
24	A-02138	Cylinder-Outrigger-4642 & 5533	1
24A	B02-13-0154	Seal Kit-For A-02138	1
25	B02-04-0118	Valve-Double Check	1
26	B01-08-0022	Coil-20V DC	8
27	B02-14-0087	Orifice disc - .037	1
28	A-02550	Cylinder -Extension 5533A	1
28A	B02-13-0164	Seal Kit - A-02550	1
29	B02-04-0105	Valve-Counter Balance(CABG-LHN)	1
30	B02-04-0106	Valve-Counter Balance(CBCA-LHN)	1
31	A-01552	Cylinder-Master	1
31A	B02-13-0150	Seal Kit - For A-01552 & A-01553	1
32	A-01553	Cylinder-Slave	1
33	B02-04-0095	Valve-Counter Balance(CABG-LHN)	1



## HYDRAULIC SCHEMATIC PARTS LIST (CONTINUED)

Item No.	Part No.	Description	Qty.
34	A-02551	Cylinder - Lift	1
34A	B02-13-0162	Seal Kit - For A-02551	1
35	B02-04-0119	Valve-Double Check W/Manual	1
36	B02-14-0106	Orifice .056	1
37	B02-04-0109	Relief-Thermal(set at 4000psi)	1
38	A-00660	Cylinder - Jib	1
38A	B02-13-0152	Seal Kit - For A-00660	1
39	B02-14-0104	Orifice .042	1
40	B02-06-0018	Slew Drive - 80CC	1
41	A-02235	Auxiliary Pump	1
41A	B02-15-0530	Pump-Gear 3.15 cc/Rev	1
41B	B02-15-0528	Motor-24Vdc-3KW-330 RPM	1
42	B02-04-0121	Valve Assembly-Double check	1
43	A-02069	Cooler-Oil	1
44	A-02070	Filter-Oil-Suction-Assembly	1
44A	B02-00-0084	Filter-Oil-Element Only(Suction)	1
45A	A-02060	Engine-Gas	1
45B	A-02061	Engine-Diesel	1
45C	A-02062	Engine-Gas/Propane	1
46	B02-04-0138	Valve-Directional/Proportional	1
46A	B01-08-0030	Coil Assembly(Includes Both Coils)	1
46B	B32-00-0020	Gasket(For valve Assembly)	1
47	A-01038	Pump-Hand-Brake Release	1
48	A-01030	Cylinder-Steering	1
48A	B02-13-0159	Seal Kit-For A-01030	1
49	B02-14-0124	Valve-Double PO Check	1
50	A-02064	Motor-Rear	1
51	A-02066	Brake	1
52	A-02065	Motor-Front	1
53	B02-04-0128	Valve-Directional 3way-2position	1
54	B02-04-0131	Valve-Shuttle	1
55	B02-04-0127	Valve-Flow Regulator (2.5gpm)	1
56	B02-04-0129	Valve-Relief (2400psi)	1
57	B02-04-0137	Orifice disc (0.030")	1
58	B02-04-0133	Valve-Relief (360psi)	1
59	B02-04-0130	Valve-Relief (1500psi)	1

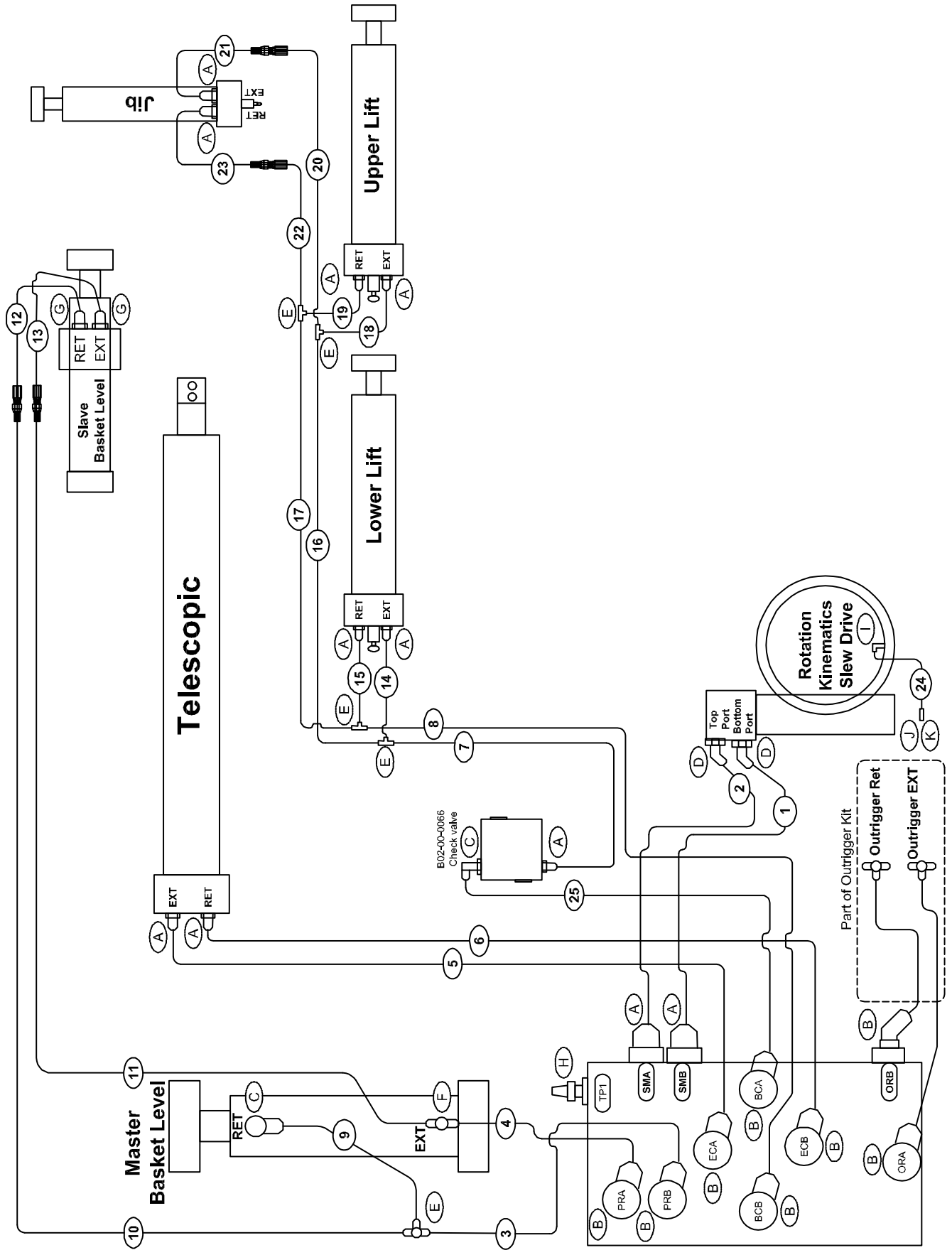




**HYDRAULIC SCHEMATIC PARTS LIST (CONTINUED)**

<b>Item No.</b>	<b>Part No.</b>	<b>Description</b>	<b>Qty.</b>
60	B02-04-0132	Valve-Directional 4way-3position	1
61	B02-04-0135	Valve-Flow Divider Combiner	1
62	B02-04-0134	Valve-Directional 3way-2position	1
63	B02-04-0136	Valve-Directional 4way-2position	1
64	B02-04-0125	Valve-Flow Divider Combiner	1
65	B02-04-0126	Valve-Directional 4way-2position	1
66	B02-00-0066	Double Check valve	1
67	B01-08-0028	Coil-24V	1
68	B01-09-0029	Coil-24V	7
69	B01-08-0027	Coil-24V	3
70	B01-08-0026	Coil-24V	2
71	B02-04-0142	Valve-Dual Piloted Check	1
72	B02-04-0141	Valve-Pressure Sequence (380psi)	1
73	A-02254HS	Pump Unit (3.15cc/Rev)	1
74	A-02067	Pump Unit (37gpm)	1
75	A-02063	Manifold Assembly	1

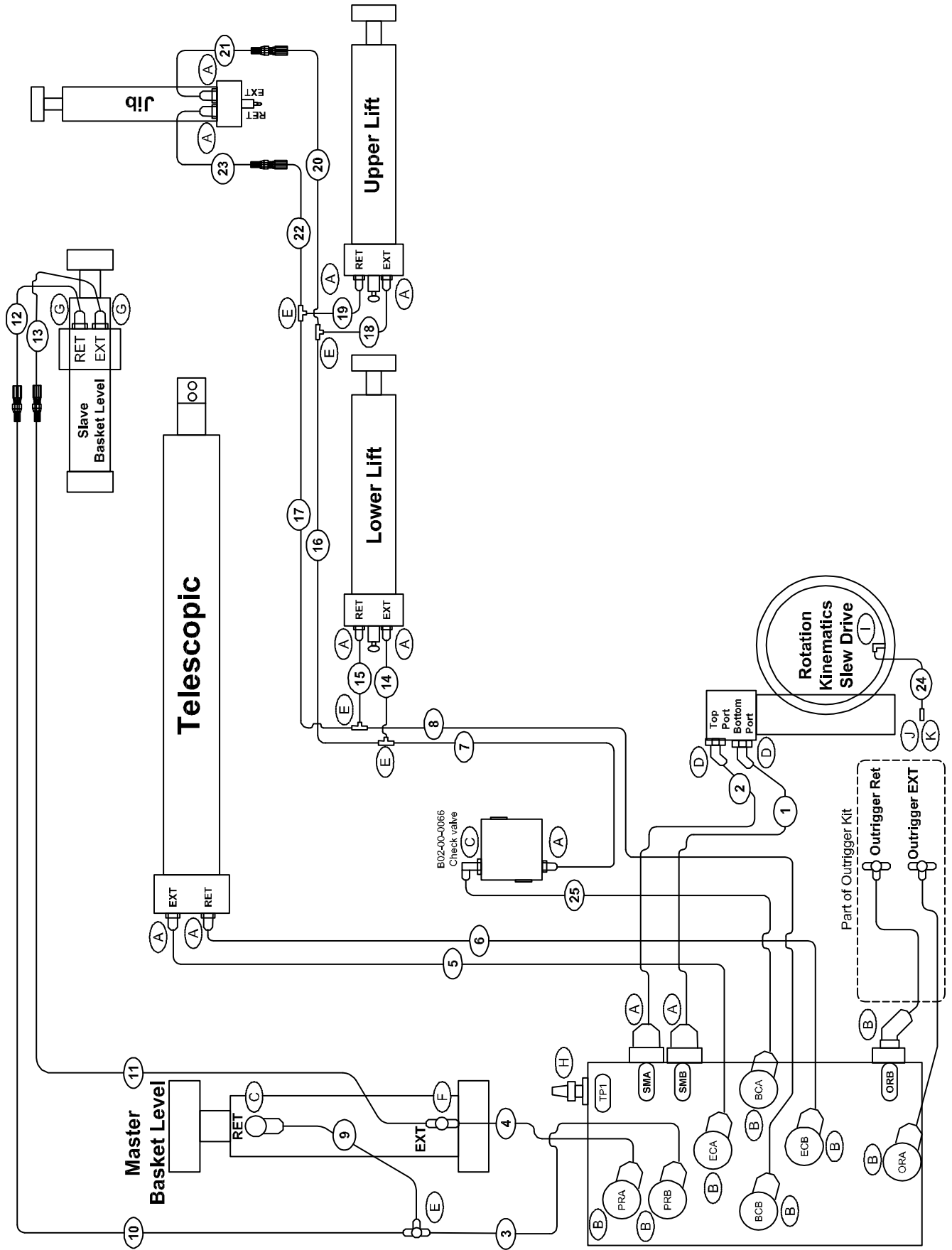
# BOOM AND ROTATION HYDRAULIC LINES



**BOOM AND ROTATION HYDRAULIC LINES PARTS LIST**

<b>Item No.</b>	<b>Part No.</b>	<b>Description</b>	<b>Qty.</b>
1	B02-01-0281	Hydraulic Hose - #4 x 36"	1
2	B02-01-0280	Hydraulic Hose - #4 x 36 "	1
3	B02-01-0302	Hydraulic Hose - #4 x 240 "	1
4	B02-01-0303	Hydraulic Hose - #4 x 240 "	1
5	B02-01-0304	Hydraulic Hose - #6 x 276 "	1
6	B02-01-0305	Hydraulic Hose - #6 x 276 "	1
7	B02-01-0306	Hydraulic Hose - #6 x 22 "	1
8	B02-01-0307	Hydraulic Hose - #4 x 22 "	1
9	B02-01-0291	Hydraulic Hose - #4 x 15 "	1
10	B02-01-0308	Hydraulic Hose - #4 x 384 "	1
11	B02-01-0309	Hydraulic Hose - #4 x 384 "	1
12	B02-01-0235	Hydraulic Hose - #4 x 16 "	1
13	B02-01-0234	Hydraulic Hose - #4 x 16 "	1
14	B02-01-0294	Hydraulic Hose - #6 x 20 "	1
15	B02-01-0295	Hydraulic Hose - #4 x 20 "	1
16	B02-01-0310	Hydraulic Hose - #6 x 222 "	1
17	B02-01-0311	Hydraulic Hose - #4 x 222 "	1
18	B02-01-0298	Hydraulic Hose - #6 x 20 "	1
19	B02-01-0299	Hydraulic Hose - #4 x 20 "	1
20	B02-01-0312	Hydraulic Hose - #6 x 390 "	1
21	B02-01-0301	Hydraulic Hose - #6 x 60"	1
22	B02-01-0345	Hydraulic Hose - #4 x 390 "	1
23	B02-01-0343	Hydraulic Hose - #4 x 60 "	1
24	B02-01-0282	Hydraulic Hose - #2 x 20"	1
25	B02-01-0260	Hydraulic Hose - #6 x 20"	1

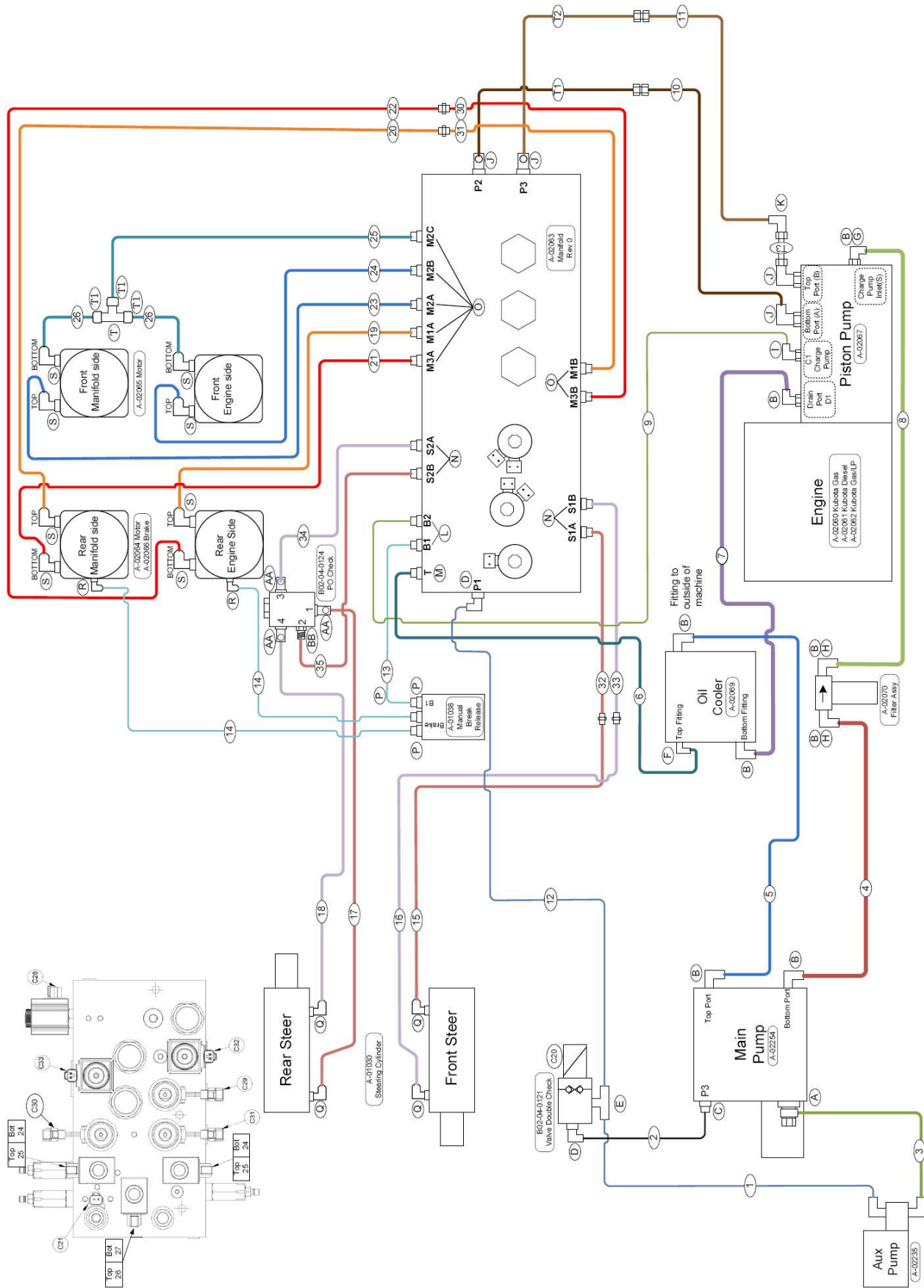
# FITTINGS KIT (A-02269F)



**FITTINGS KIT (A-02269F) PARTS LIST**

<b>Item No.</b>	<b>Part No.</b>	<b>Description</b>	<b>Qty.</b>
A	B02-02-0259	Fitting-#6MORFS-#6MORB STR	11
B	B02-02-0264	Fitting-#6MORFS-#6MORB 45	8
C	B02-02-0260	Fitting-#6MORFS-#6MORB 90	2
D	B02-02-0262	Fitting-#8MORFS-#10MORB 45	2
E	B02-02-0258	Fitting-#6MORFS Tee	5
F	B02-02-0270	Fitting-#6MORFS-#6MORB-#6MORB Tee	1
G	B02-02-0237	Fitting-#4MORFS-#6MORB STR	2
H	B02-02-0242	Fitting-#QD - #4MORB Diagnostic Nipple	1
I	B02-02-0317	Fitting-#2MNPT - #2FMNPT 90	1
J	B02-00-0081	Zerk-Grease-Bulk Head	1
K	B02-00-0082	Nut-Lock-#2 Bulk Head	1

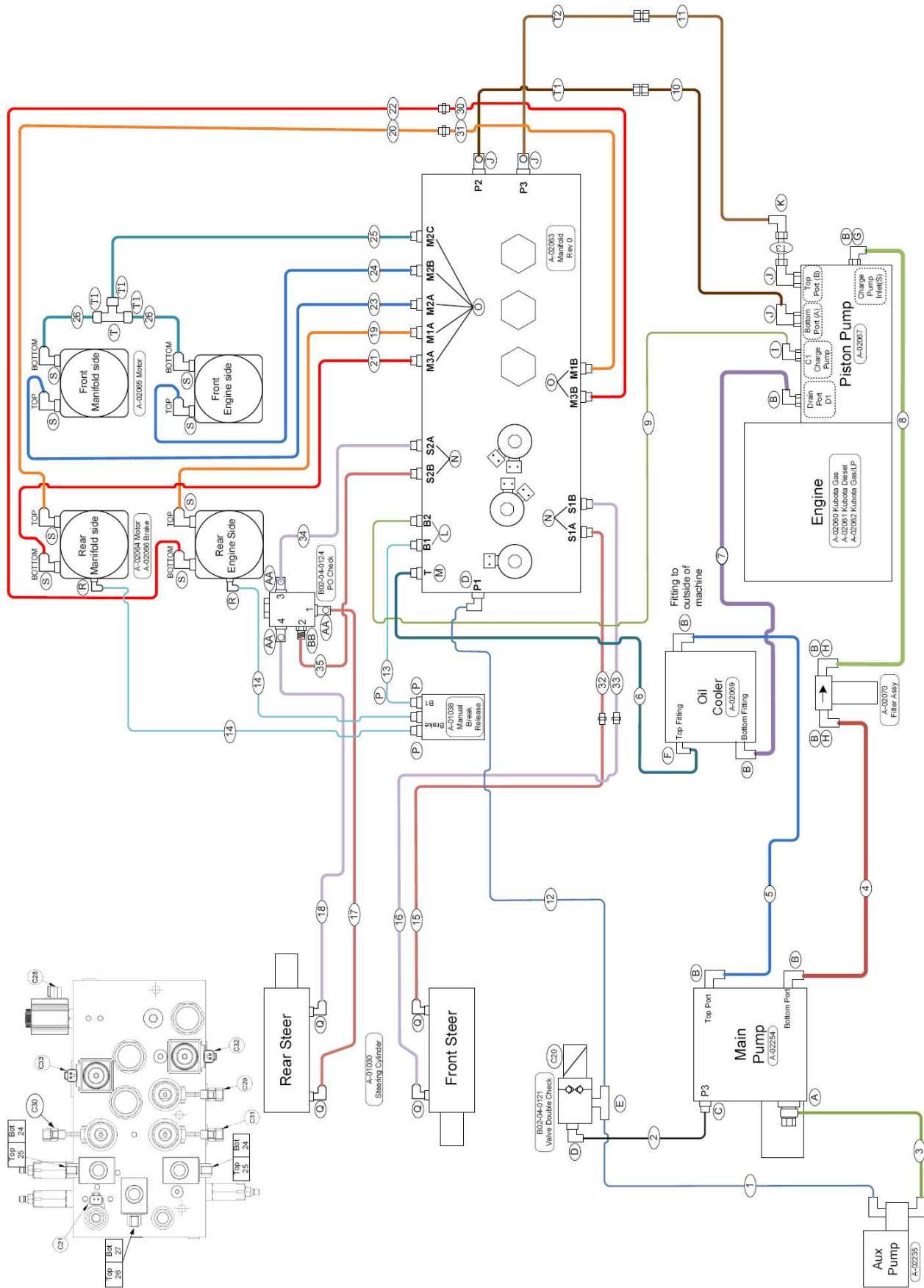
# KIT - HOSE – 55XA DRIVE (A-02075)



## KIT- HOSE – 55XA DRIVE (A-02075) PARTS LIST

Item No.	Part No.	Size	Hose Type	length	Fitting end 1	Label end 1	Fitting end 2	Label end 2	Qty
1	B02-01-0425	6	A	44"	#6FMORFS STR	AUX PUMP	#6FMORFS 90	C 20 TEE	1
2	B02-01-0426	6	A	17"	#6FMORFS STR	P3	#6FMORFS STR	C 20	1
3	B02-01-0353	8	B	28"	#8 01 N-Metric Banjo Str	Tank	#8 FMORFS STR	Aux Pump T	1
4	B02-01-0427	10	A	104"	#10FMORFS STR	#4	#10FMORFS STR	#4	1
5	B02-01-0428	10	A	134"	#10FMORFS STR	#5	#10FMORFS STR	#5	1
6	B02-01-0429	8	A	52"	#8FMORFS STR	MANIFOLD T	#8FMORFS STR	COOLER T	1
7	B02-01-0430	10	A	48"	#10FMORFS STR	#7	#10FMORFS STR	#7	1
8	B02-01-0431	10	A	36"	#10FMORFS STR	#8	#10FMORFS STR	#8	1
9	B02-01-0432	4	A	28"	#4 FMORFS STR	#9 (B2)	#6 FMORFS STR	#9 (C1)	1
10 *	B02-01-0433	16	A	18.25"	#16MORFS STR	#10	#16FMORFS 90l	#10	1
11 *	B02-01-0434	16	A	17.125"	#16MORFS STR	#11	#16FMORFS STR	#11	1
12	B02-01-0435	6	A	94"	#6FMORFS STR	#12	#6FMORFS STR	#12	1
13	B02-01-0436	4	A	18"	#4FMORFS STR	#13	#4FMORFS STR	#13	1
14	B02-01-0437	4	A	108"	#4FMORFS STR	Brake(#14)	#4FMORFS STR	Brake(#14)	2
15	B02-01-0438	6	A	83"	#6FMORFS STR	Front Steer Bore End (#15)	#6FMORFS STR	S1A (#15)	1
16	B02-01-0439	6	A	93"	#6FMORFS STR	Front Steer Rod End (#16)	#6FMORFS STR	S1B (#16)	1
17	B02-01-0440	6	A	93"	#6FMORFS STR	Rear Steer Bore End (#17)	#6FMORFS STR	S2B (#17)	1
18	B02-01-0441	6	A	103"	#6FMORFS STR	Rear Steer Rod End (#18)	#6FMORFS STR	S2A (#18)	1
19	B02-01-0442	10	A	95"	#10FMORFS STR	REAR ENGINE SIDE TOP	#10FMORFS STR	#19 (M1A)	1
20	B02-01-0443	10	A	95"	#10FMORFS STR	REAR MANIFOLD SIDE TOP	#10FMORFS STR	#20 (M1B)	1
21	B02-01-0444	10	A	95"	#10FMORFS STR	REAR MANIFOLD SIDE BOTT	#10FMORFS STR	#21 (M3A)	1
22	B02-01-0445	10	A	95"	#10FMORFS STR	REAR ENGINE SIDE BOTT	#10FMORFS STR	#22 (M3B)	1
23	B02-01-0446	10	A	111"	#10FMORFS STR	FRONT MANIFOLD SIDE TOP	#10FMORFS STR	#23 (M2A)	1
24	B02-01-0447	10	A	111"	#10FMORFS STR	FRONT ENGINE SIDE TOP	#10FMORFS STR	#24 (M2B)	1
25**	B02-01-0448	10	A	63"	#10MUPTC STR	TEE	#10FMORFS STR	#25 (M2C)	1
26**	B02-01-0449	10	A	45"	#10MUPTC STR	#26 (TEE)	#10FMORFS STR	FRONT BOTT	2

# KIT - FITTING – 55X DRIVE (A-02075F)





**KIT- FITTING – 55X DRIVE (A-02075F) PARTS LIST**

<b>Item</b>	<b>Part No.</b>	<b>Description</b>	<b>Qty</b>
A	B02-02-0318	#12MSAE-ORB-FM M18 x 1.5	1
B	B02-02-0329	10MORFS-12MSAE-ORB 90	8
C	B02-02-0259	6MORFS-6MSAE-ORB STR	1
D	B02-02-0260	6MORFS-6MSAE-ORB 90	2
E	B02-02-0270	6MORFS-6MORFS-6MSAE-ORB TEE	1
F	B02-02-0312	8MORFS-8MSAE-ORB 90	1
G	B02-02-0319	16MSAE-ORB-12FMSAE-ORB STR	1
H	B02-02-0320	20MSAE-ORB-12FMSAE-ORB STR	2
I	B02-02-0321	6MORFS-8MSAE-ORB 90	1
J	B02-02-0322	16MORFS-16MSAE-ORB 90	4
K	B02-02-0323	#16MORFS-#16MORFS 90	1
L	B02-02-0237	4MORFS-6MSAE-ORB STR	2
M	B02-02-0293	8MORFS-8MSAE-ORB STR	1
N	B02-02-0265	6MORFS-8MSAE-ORB STR	4
O	B02-02-0324	10MORFS-10MSAE-ORB STR	7
P	B02-02-0287	4MORFS-4MSAE-ORB STR	3
Q	B02-02-0325	6MORFS-4MSAE-ORB 90	4
R	B02-02-0288	4MORFS-4MSAE-ORB 90	2
S	B02-02-0326	10MORFS-10MSAE-ORB 90 L (Long)	8
T	B02-02-0327	10MORFS-10MORFS-10MORFS TEE	1
T1	B02-02-0328	#10 UPTC Nut(Universal Push to Connect)	3



# OUTRIGGER HYDRAULIC LINES (A-02077)

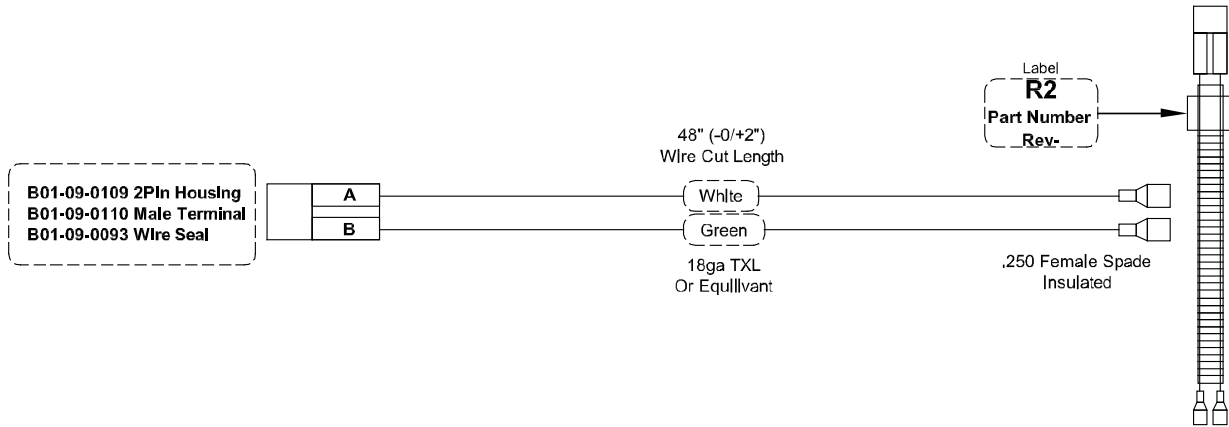
Item No.	Part No	Hose Type	Hose Size	Fitting End 1	End 1 Size	Fitting End 2	End 2 Size	Length	Hose Label End 1	Hose Label End 2	Tape Color End 1	Tape Color End 2	Qty
1	B02-01-0331	SAE 100R 17	4	#6FMORFS	6	#6FMORFS	6	40"	EXT	EXT	RED	RED	4
2	B02-01-0332	SAE 100R 17	4	#6FMORFS	6	#6FMORFS	6	40"	RET	RET	BLUE	BLUE	4
3	B02-01-0450	SAE 100R 17	6	#6FMORFS	6	#6FMORFS	6	67"	EXT	EXT	RED	RED	1
4	B02-01-0451	SAE 100R 17	6	#6FMORFS	6	#6FMORFS	6	67"	RET	RET	BLUE	BLUE	1
5	B02-01-0335	SAE 100R 17	6	#6FMORFS	6	#6FMORFS	6	31"	EXT	EXT	RED	RED	1
6	B02-01-0336	SAE 100R 17	6	#6FMORFS	6	#6FMORFS	6	31"	RET	RET	BLUE	BLUE	1
7	B02-01-0337	SAE 100R 17	6	#6FMORFS	6	#6FMORFS	6	54"	EXT	EXT	RED	RED	1
8	B02-01-0338	SAE 100R 17	6	#6FMORFS	6	#6FMORFS	6	54"	RET	RET	BLUE	BLUE	1

## FITTING KIT

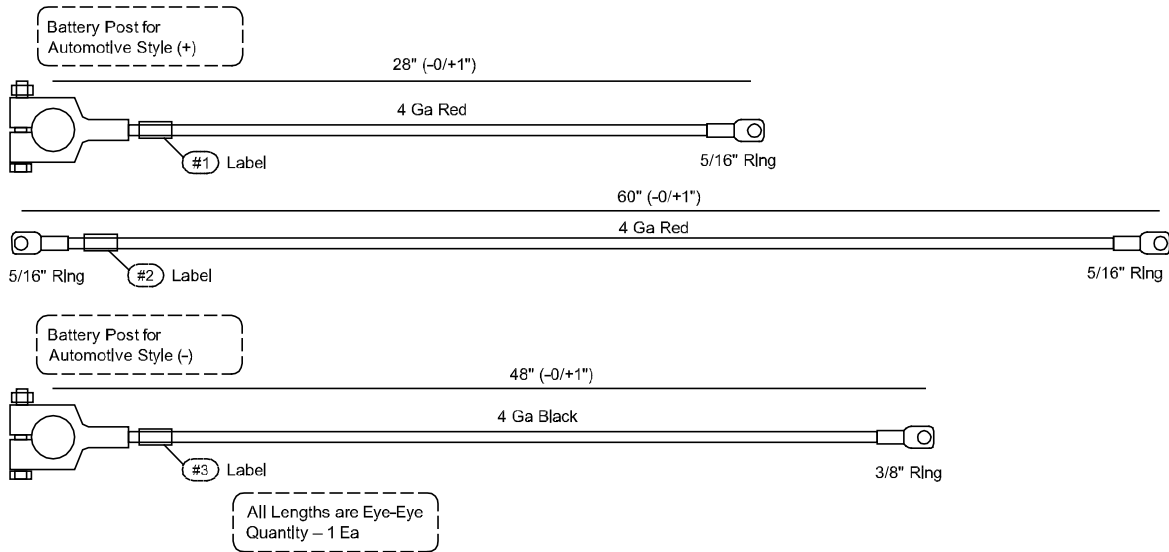
Item No.	Part No	Description	Qty
9	B02-02-0258	#6 MORFS-#6 MORFS-#6 MORFS TEE	6
10	B02-02-0259	#6 MORFS-#6 MORB STR	8



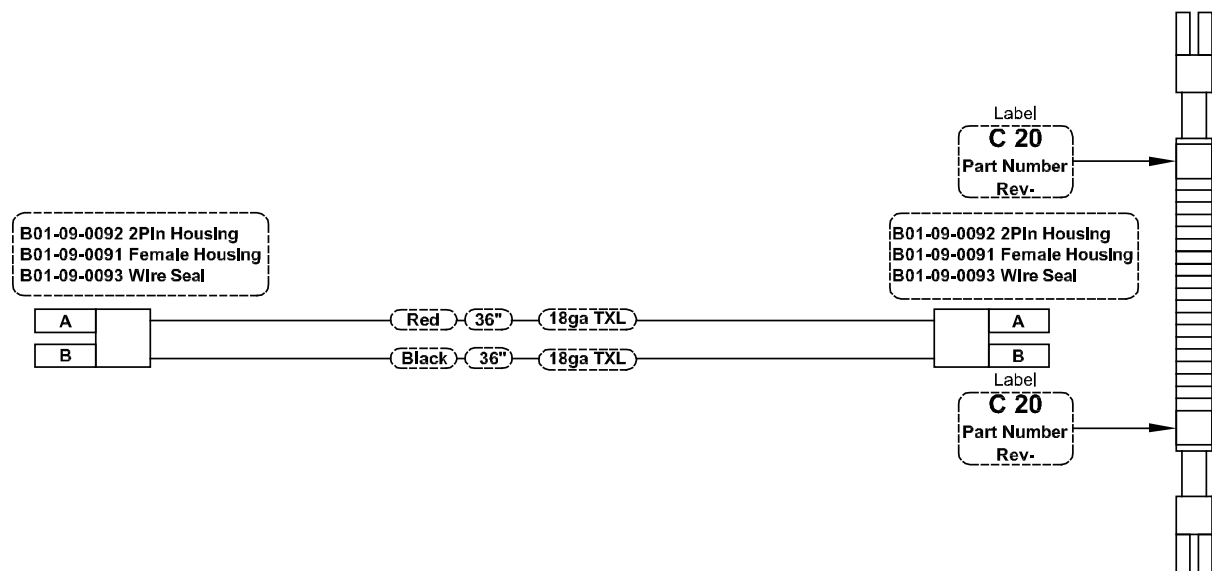
## WIRE ASSEMBLY-R2 RELAY (A-02734)



## KIT-BATTERY CABLE 55XA (A-02273)



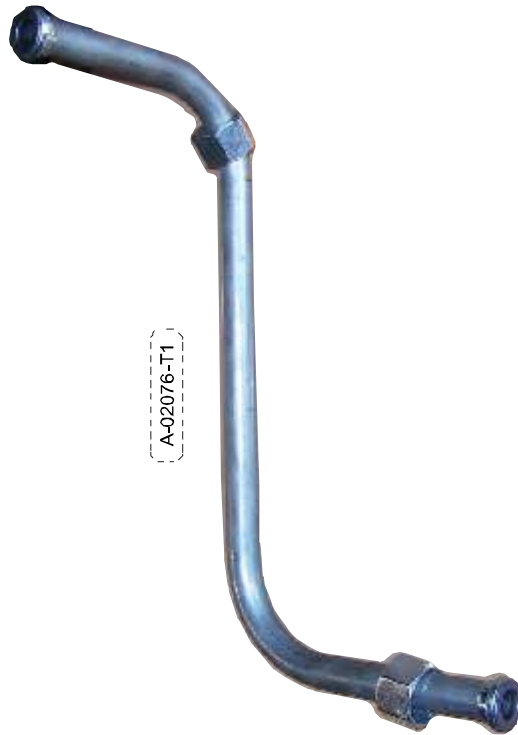
## WIRE ASSEMBLY-C20 VALVE (A-02048)



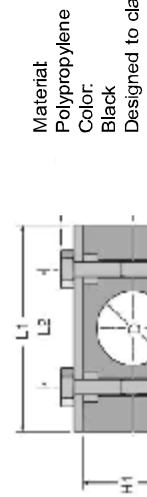


# KIT-TUBE 55XA DRIVE (A-02076)

Part Number	Description	Quantity
A-02076-T2	Tube Assembly	1
A-02076-T3	Tube Assembly	1
B04-07-0143	Clamp-Tube for 1" OD Steel Tube	4
B04-07-0144	Cover Plate for Tube Clamp	1



B04-07-0143 Tube Clamp Pieces

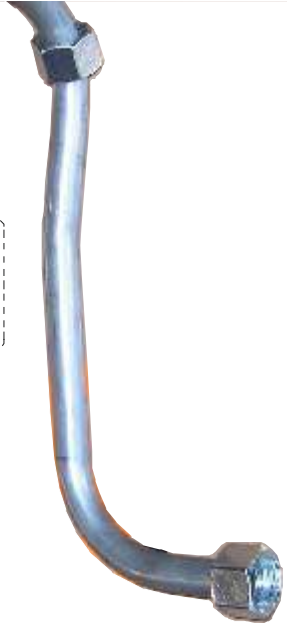


H1	D	L1	L2
1.88"	1.0"	2.75"	1.77"

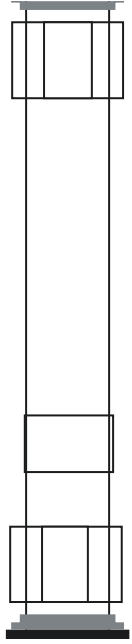
Dimensions are when 2 pieces are put together

Material: Polypropylene  
 Color: Black  
 Designed to clamp 1" Steel Tubing

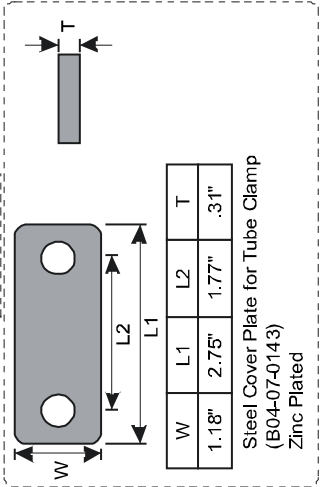
A-02076-T2



A-02076-T3



B04-07-0144



W	L1	L2	T
1.18"	2.75"	1.77"	.31"

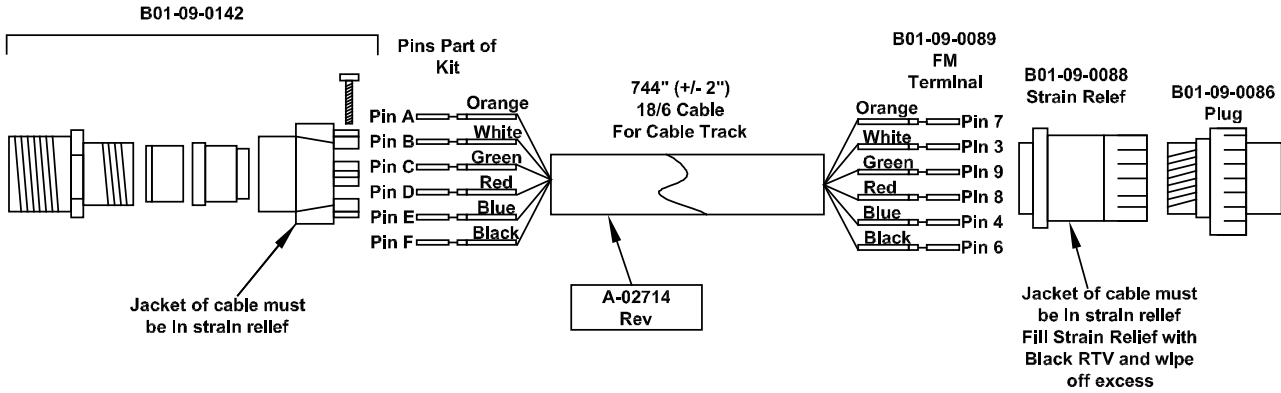
Steel Cover Plate for Tube Clamp  
 (B04-07-0143)  
 Zinc Plated



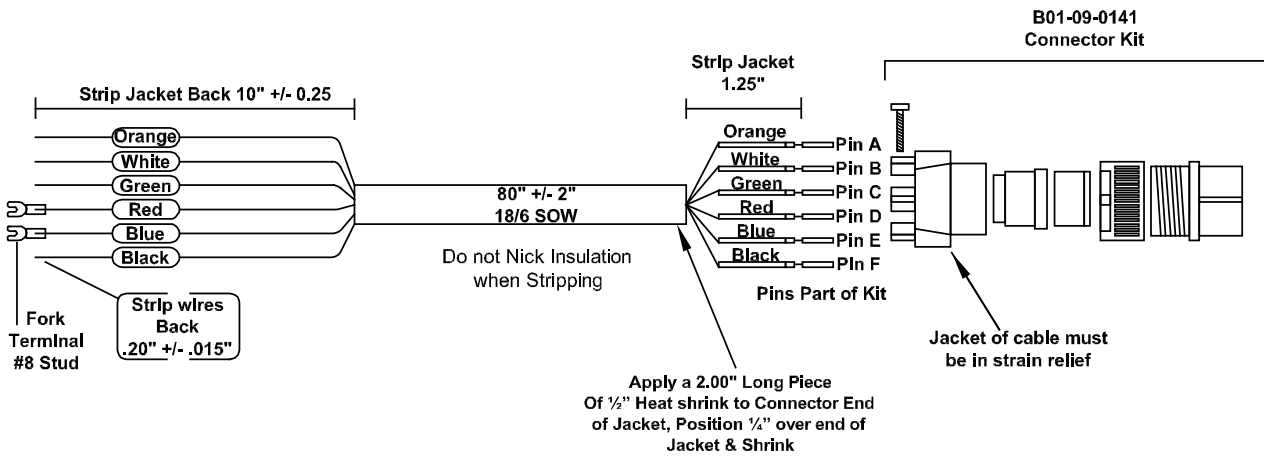




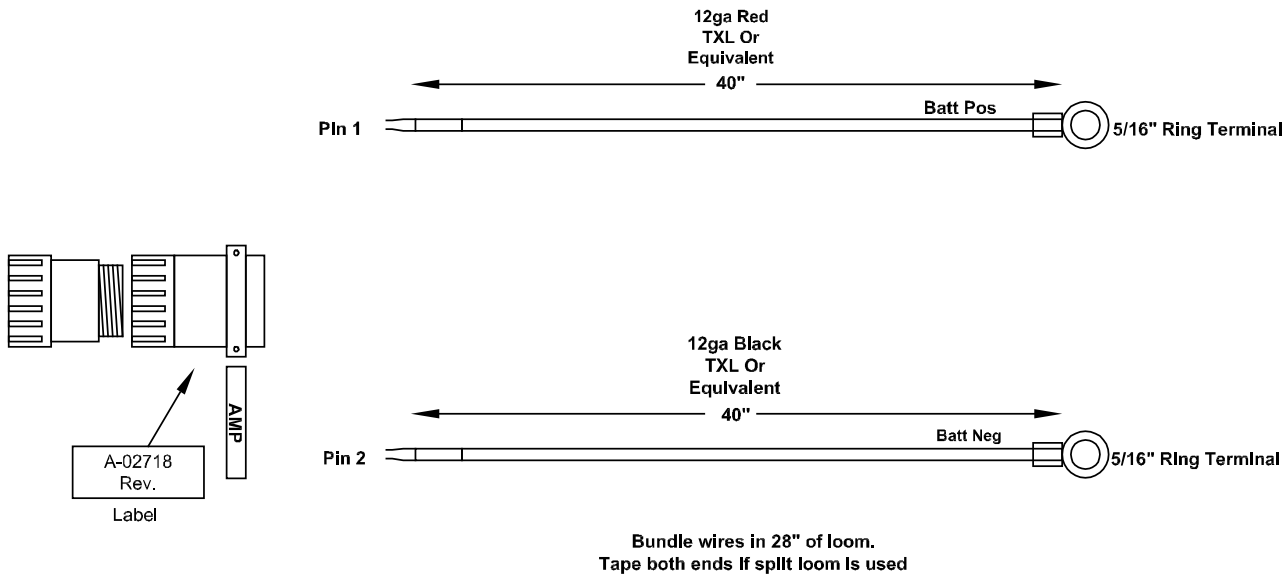
# PLATFORM WIRE HARNESS (A-02714)



# HARNESS-UPPER CONTROL BOX (B01-01-0154)

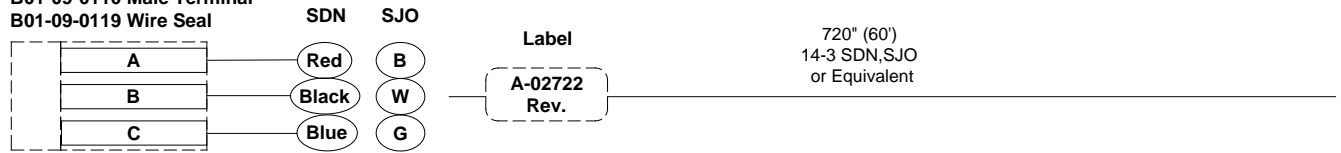


# POWER HARNESS (A-02718)



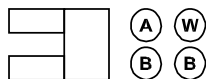
## 110VAC TOWER-PLATFORM HARNESS (A-02722)

B01-09-0123 3Pin Housing  
 B01-09-0110 Male Terminal  
 B01-09-0119 Wire Seal



## SECONDARY CYLINDER WIRE (A-02724)

B01-09-0092 Pin Housing  
 B01-09-0091 Female Terminal  
 B01-09-0093 Wire Seal



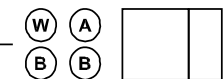
Sec Cyl Wire

23'6"  
 18-2 SJO or Equivalent

Label Both ends

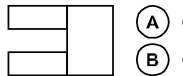
Sec Cyl Wire

B01-09-0109 Pin Housing  
 B01-09-0110 Male Terminal  
 B01-09-0093 Wire Seal



## JIB WIRE (A-02725)

B01-09-0092 Pin Housing  
 B01-09-0091 Female Terminal  
 B01-09-0093 Wire Seal

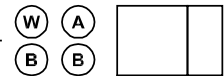


Label  
 Part Number  
 Rev-

7'26" (+/-2")  
 18-2 SJO or Equivalent

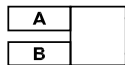
Label  
 Part Number  
 Rev-

B01-09-0109 Pin Housing  
 B01-09-0110 Male Terminal  
 B01-09-0093 Wire Seal



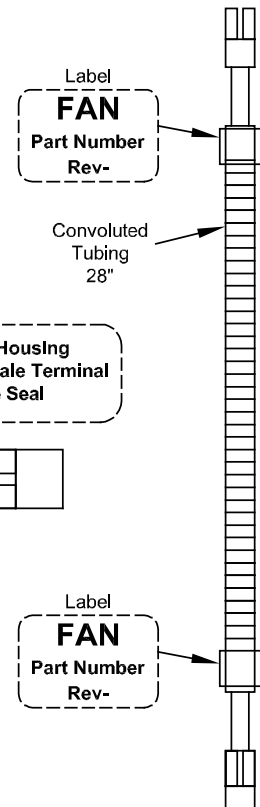
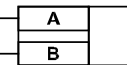
## WIRING ASSEMBLY-FAN-COOLER-55XA (A-02041)

B01-09-0092 Pin Housing  
 B01-09-0091 Female Terminal  
 B01-09-0093 Wire Seal



Black  
 Blue

B01-09-0109 Pin Housing  
 B01-09-0110 Female Terminal  
 B01-09-0093 Wire Seal





**BATTERY CABLE LAYOUT (KIT A-02272)**

Item No.	Gauge	Color	Length	End	Label	End	Qty
1	2ga	Red	32"	5/16 Lug	#1	SBC	1
2	2ga	Black	45"	5/16 Lug	#2	5/16 Lug	1
3	2ga	Black	8"	5/16 Lug	#3	SBC	2
4	2ga	Black	20"	5/16 Lug	#4	SBC	1
5	2ga	Red	28"	5/16 Lug	#5	SBC	1
6	2ga	Black	60"	5/16 Lug	#6	5/16 Lug	1
7	2ga	Red	30"	5/16 Lug	#7	5/16 Lug	1
8	2ga	Red	48"	5/16 Lug	#8	5/16 Lug	1
9	2ga	Black	45"	5/16 Lug	#9	5/16 Lug	1
10	2ga	Black	20"	5/16 Lug	#10	5/16 Lug	1
11	2ga	Red	13"	5/16 Lug	#11	5/16 Lug	1

Description	Qty
Terminal Protector (Black)	5
Terminal Protector (Red)	7
SBC Housing (Red) 175 amp	2
A-Frame Handle	1

**SECONDARY PUMP AND MOTOR CONTROL (KIT A-00943)**

Item No.	Ga	Length	Color	Terminal	Terminal	Qty
D1	2ga	6"	Red	5/16 Lug	5/16 Lug	1
D2	2ga	30"	Red	5/16 Lug	5/16 Lug	1
D3	2ga	13"	Black	5/16 Lug	5/16 Lug	1
D4	2ga	40"	Red	5/16 Lug	5/16 Lug	1
D5	2ga	40"	Black	5/16 Lug	5/16 Lug	1
D6	2ga	20"	Red	5/16 Lug	5/16 Lug	1



## 3 EQUIPMENT OPTIONS

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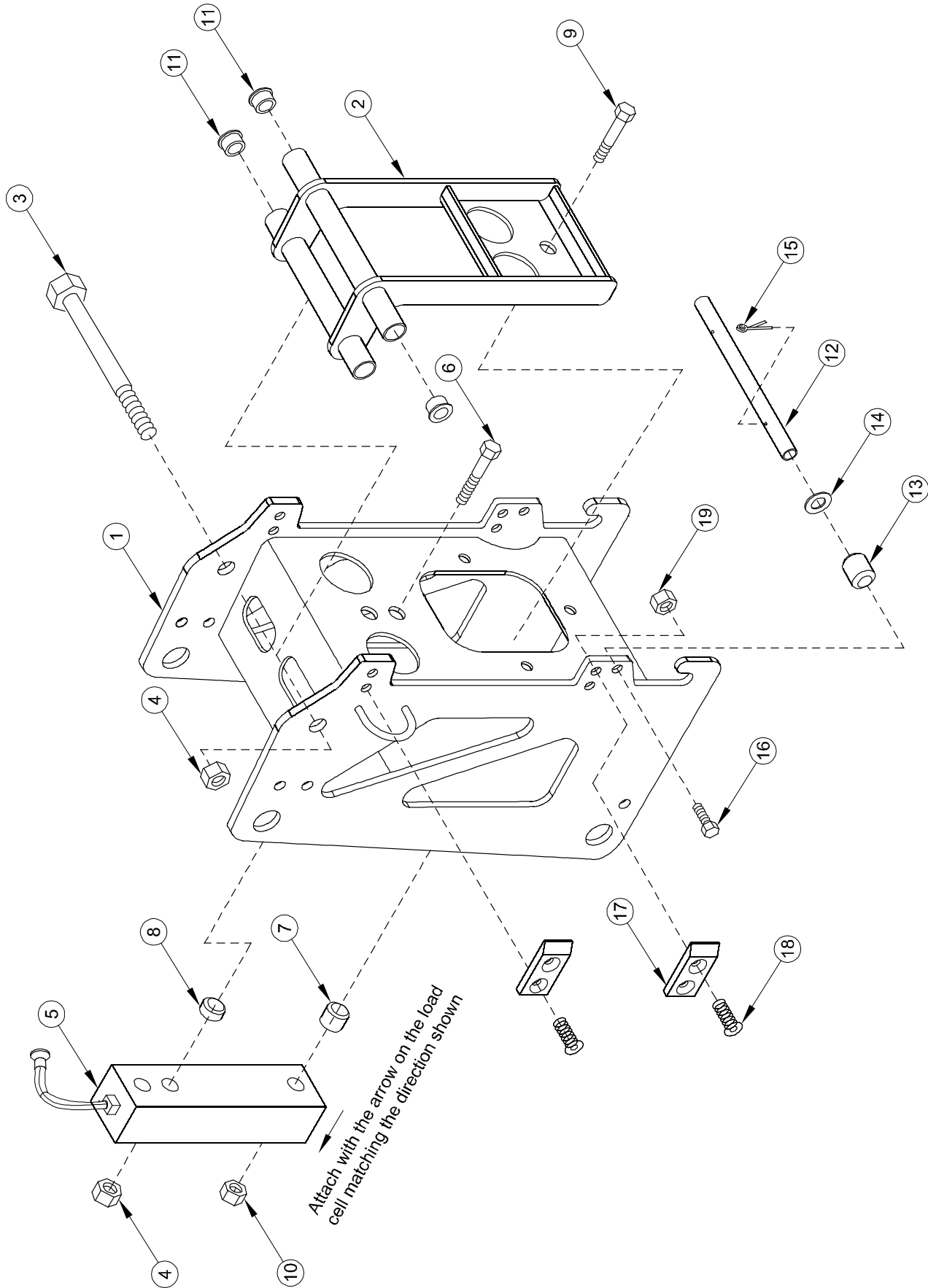
The Haulotte Group | BilJax Model 55XA may be equipped with one or more optional components designed for the convenience and safety of operators when using the equipment to accomplish specific tasks.

Always use only those components manufactured and/or authorized by Haulotte Group | BilJax. Never make any adjustments or modifications or otherwise alter the equipment in any way that is not expressly recommended by the manufacturer.

When operating a machine equipped with optional components, observe all safety precautions set forth by the manufacturer, as well as all government codes and regulations regarding this equipment and its components.

Consult rental agency or equipment manufacturer regarding which optional components may be installed on the boom lift. For questions regarding safe use, contact your regional Haulotte Group | BilJax dealer before attempting operation.

# MATERIAL LIFT ASSEMBLY (OPTION A-01846)

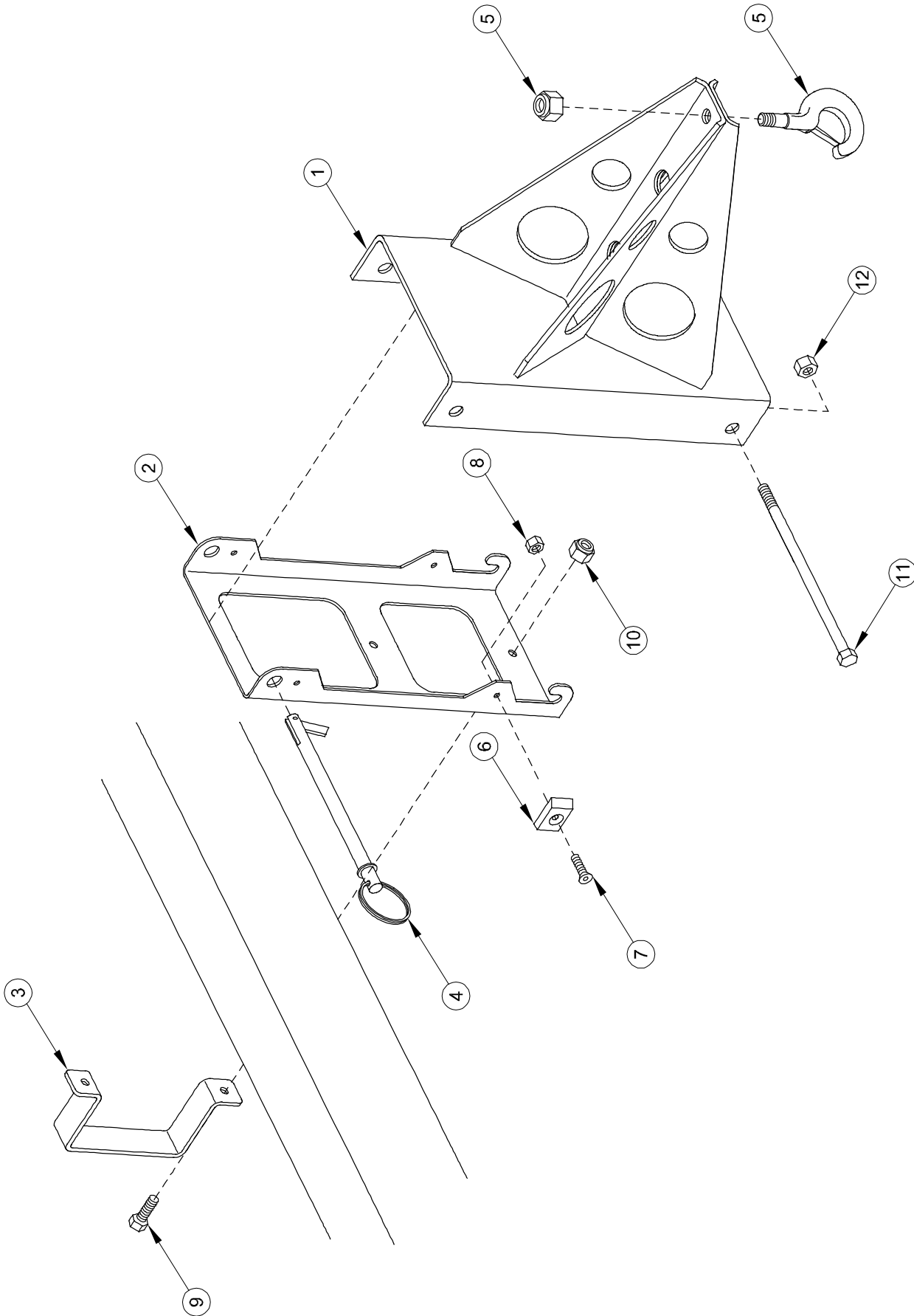




## MATERIAL LIFT ASSEMBLY PARTS LIST

Item No.	Part No.	Description	Qty.
1	A-01977	Jib End Weldment - LS	1
2	A-00982	Load Sense Weldment	1
3	0096-0055	Cap Screw-M12x190	1
4	0096-0042	Hex Nut-Self-Locking M12	3
5	A-00988-1	Load Cell	1
6	0096-0089	Cap Screw-M12x65	2
7	A-00990A	Load Sense Spacer A	2
8	A-00990B	Load Sense Spacer B	1
9	0096-0069	Cap Screw-M10x75	1
10	0096-0041	Hex Nut-Self-Locking M10	1
11	A-00033	Bearing	4
12	A-00994	LS Roller Bar	1
13	A-00995	LS Roller	2
14	0096-0046	Washer-Flat-M12	10
15	0090-0147	Cotter Pin	2
16	0096-0009	Cap Screw-M8x10	2
17	A-00038	Ramp	4
18	0096-0003	Screw-FHCS-M6x20	8
19	0096-0039	Hex Nut-Self-Locking M6	8
20	A-00992	Load Sense Interface (Not Pictured)	1
21	0096-0085	Cap Screw-M6x60	3
22	0096-0039	Hex Nut- Self-Locking -M6	3

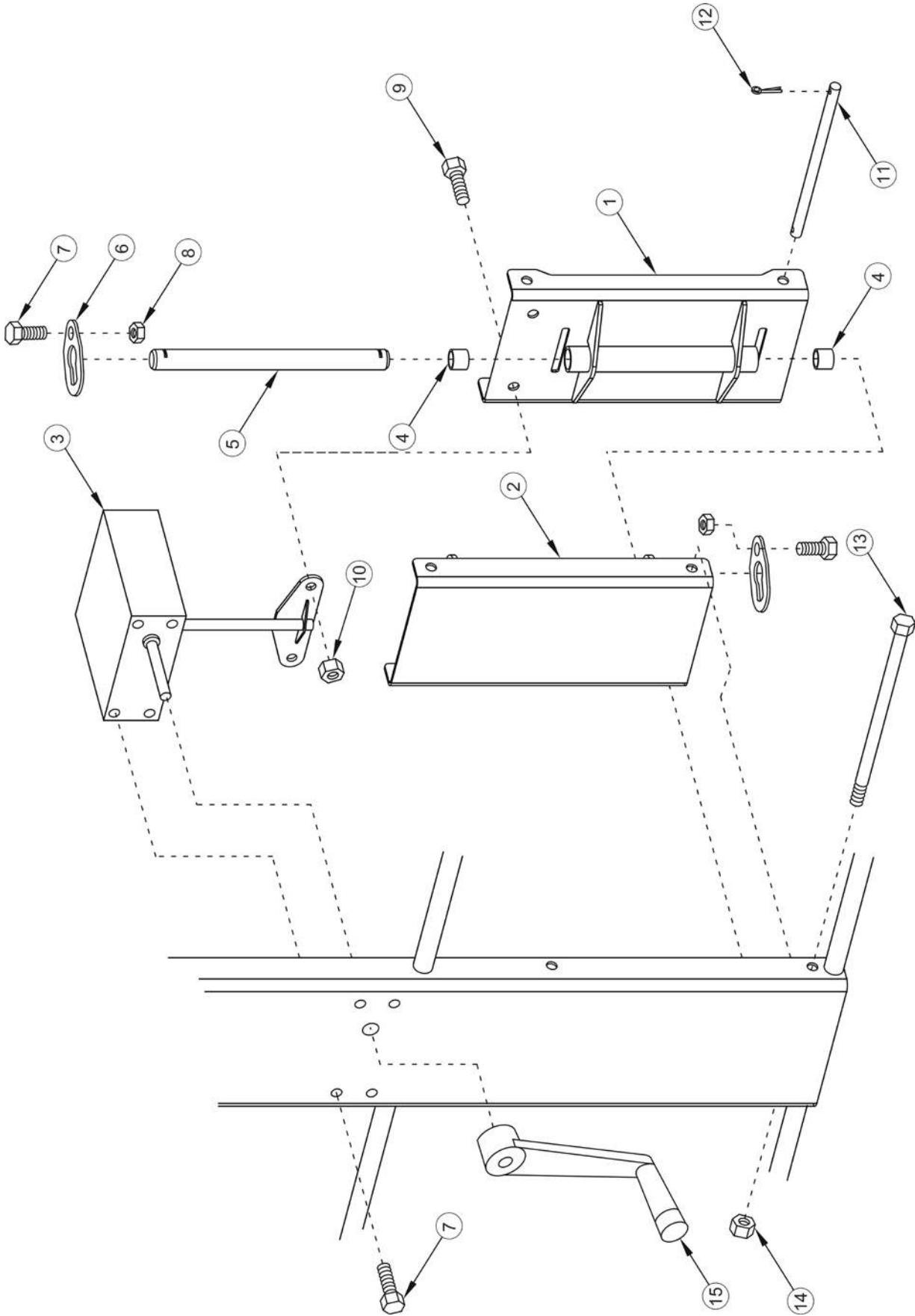
# MATERIAL LIFT ASSEMBLY



## MATERIAL LIFT ASSEMBLY PARTS LIST

Item No.	Part No.	Description	Qty.
1	A-00480	Material Lift Weldment	1
2	A-00155	Lift Hook Storage Bracket	1
3	A-01156	Bracket Clamp	1
4	A-00028	Pin	1
5	A-00485	Lift Hook Assembly	1
6	A-00037	Ramp, Short	4
7	0096-0003	FHCS-M6x20	4
8	0096-0039	Hex Nut- Self-Locking M6	4
9	0096-0016	Cap Screw- M10x25	2
10	0096-0041	Hex Nut-Self-Locking -M10	2
11	0096-0029	Cap Screw-M12x220	1
12	0096-0042	Hex Nut- Self-Locking -M12	1

# MANUAL PLATFORM ROTATOR ASSEMBLY (OPTION A-00300)



## MANUAL PLATFORM ROTATOR ASSEMBLY PARTS LIST

Item No.	Part No.	Description	Qty.
1	A-00301	Platform Mount A Weldment	1
2	A-00308	Platform Mount Weldment	1
3	A-00315	Gearbox – Platform Rotate	1
4	A-00330	Bearing – .75" ID	2
5	A-00329	Pin – 0.75 x 10.25 DB	1
6	A-00017	Pin Retainer – 0.75	2
7	0096-0014	Cap Screw-M10x20	6
8	0096-0041	Hex Nut-Self-Locking -M10	2
9	0096-0019	Cap Screw-M12x25	2
10	0096-0042	Hex Nut-Self-Locking-M12	2
11	A-00071	Pin-Platform	1
12	0090-0147	Cotter Pin	2
13	0096-0103	Cap Screw-M8x140	2
14	0096-0040	Hex Nut-Self-Locking -M8	2
15	A-00325	Handle Assembly – Platform Rotate	1

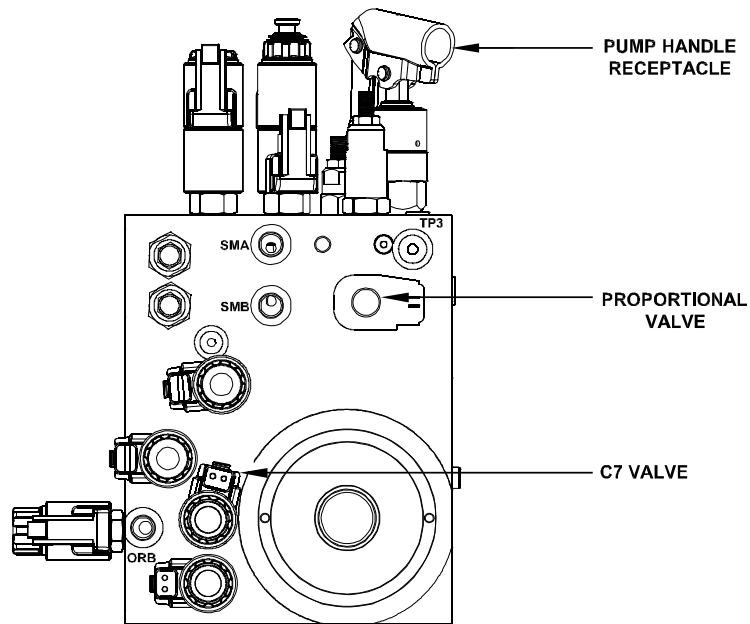
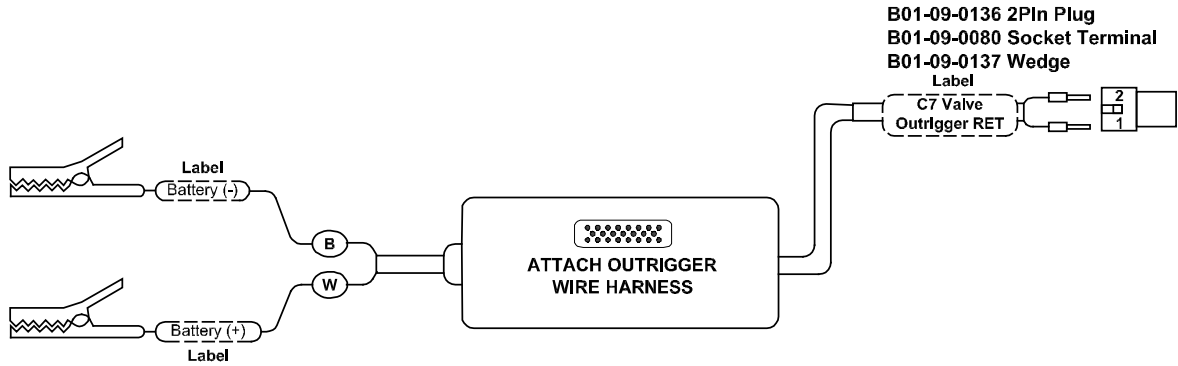
**WATER LINE TO PLATFORM (OPTION A-02701)**

<b>Part No.</b>	<b>Description</b>
B09-00-0042	#6 x 146" W/1-6-6FMP, 1-6-6MP 3000 PSI Pressure Washer Hose
B09-00-0043	#6 x 628" W/2-6-6MPSW 3000 PSI Pressure Washer Hose
B09-00-0041	#6 x 78" W/1-6-6FMP, 1-6-6MP 3000 PSI Pressure Washer Hose
B09-00-0032	Fitting, QD E Series FM-#6FMNPT
B09-00-0033	Fitting, QD E Series M-#6FMNPT

**AIR LINE TO PLATFORM (OPTION A-02700)**

<b>Part No.</b>	<b>Description</b>
B09-00-0037	#6 x 146" W/1-6-6FMPSW, 1-6-6MP 300 PSI Air Hose
B09-00-0038	#6 x 628" W/2-6-6MP 300 PSI Air Hose
B09-00-0036	#6 x 78" W/1-6-6FMPSW, 1-6-6MP 300 PSI Air Hose
B02-02-0108	Fitting, #6FMNPT-#4FMNPT STR
B09-00-0025	Fitting, Univ QD FM-#4MNPT
B09-00-0026	Fitting, QD IND Series M-#4MNPT
B09-00-0027	Fitting, QD ARO Series M-#4MNPT
B09-00-0028	Fitting, Univ QD FM-#6FMNPT
B09-00-0029	Fitting, QD DF Series M-#6FMNPT
B09-00-0030	Fitting, QD J Series M-#6FMNPT

## HARNESS-MANUAL OUTRIGGER CONTROL (A-00819) OPTION

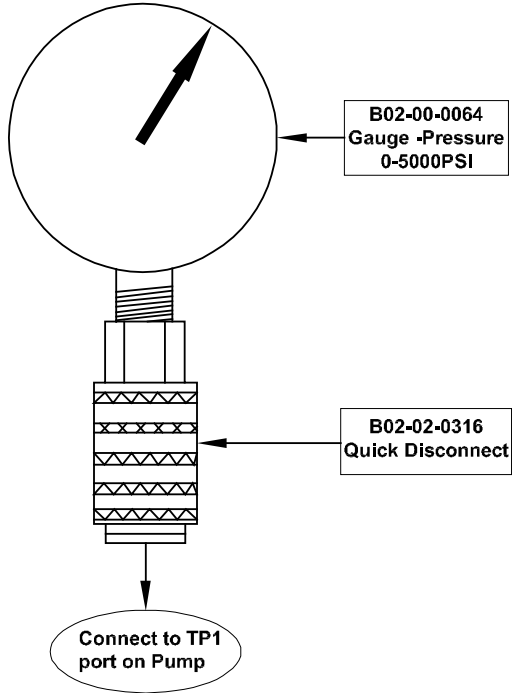


### MANUAL OUTRIGGER CONTROL OPERATING INSTRUCTIONS

1. Completely lower boom(s) to stowed position. Use manual controls if necessary. See Operator's Manual.
2. Disconnect Outrigger Wire Harness from lower control box and plug cable into receptacle on Outrigger Control Box.
3. Disconnect wire harness from C7 Valve on the hydraulic manifold and replace with Outrigger controls cable.
4. Attach battery +/- clips to battery. If the battery on the lift has no charge, use an alternate 12v power source.
5. On the hydraulic manifold, completely open the proportional valve by turning counter-clockwise.
6. Insert tire Iron into receptacle on hydraulic manifold and pump to raise outriggers

# HYDRAULIC PRESSURE GAUGE (B02-16-0020) OPTION

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Part No.	Description	Qty
B02-00-0064	Gauge-Pressure 0-5000 PSI	1
B02-02-0316	Quick Disconnect	1



# INSPECTION FORM for Haulotte Group | BilJax X-Boom Aerial Work Platforms

Machine Model #.:	55XA
Date of Manufacture:	
Date of Inspection:	

Serial No.:	
Inspection Performed by:	
Inspection Location:	

Inspection and Maintenance of the above listed machine shall be performed only by fully trained, authorized and, where applicable, certified personnel. All service checks shall be performed in accordance with manufacturer's recommendations (see Sections 3 thru 5 of this Parts and Service Manual) and ANSI/SIA A92.5-2006. Copy this form as needed. Direct any questions to the Haulotte Group | BilJax Customer Service Department: 1.800.537.0540.

**Inspector:** Initial in the space provided beside each service check as it is completed. Sign and date form after Inspection.

**Owner:** Initial in the space provided beside each service check as it is completed. Sign and date form after Inspection.

**Frequency Key: D=Daily (or before each use); W=Weekly; M=Monthly; A=Annually**

Service Check Description	Frequency	Initials
Verify that all decals are correctly applied and in plain view.	D	
Verify that all controls and indicators at ground and platform control stations operate properly.	D	
Verify proper tire inflation.	D	
Inspect tires for loose, damaged or missing lug nuts.	D	
Inspect structural components for obvious damage or debris.	D	
Inspect machine for loose, damaged or missing fasteners, including pins and bolts.	D	
Verify that boom down limit switches operate correctly.	D	
Verify that outrigger safety interlocks operate correctly.	D	
Inspect hydraulic system and fluid levels.	W	
Check battery electrolyte level.	W	
Inspect electrical wiring	W	
Inspect boom for missing, loose or damaged hardware.	W	
Inspect all hydraulic system components including pump and motor and cylinders for damage, leaks, loss of pressure or speed, and unusual noise or vibration.	W	
Clean all battery terminals.	M	
Check battery connections.	M	
Verify proper operation of manual lowering valves and hand pump.	M	
Lubricate all compartment hinges and latches, slew ring and mating gear using NLGI Grade 2 multi-purpose grease.	M	
Check Wheel Nut torque.	M	
Replace Hydraulic Oil and Hydraulic Filter.	A	
Inspect pivot pins and cylinders, including rod ends for wear or damage.	A	
Visually inspect all welds for wear, damage or corrosion.	A	
Inspect outriggers for wear or damage.	A	
Verify proper level sensor operation	A	
Inspect and adjust axles and parking brake.	A	
Load test all boom functions with a 500lb (227kg) load (440lb/200kg load if machine is equipped with jib/platform rotate).	A	
Check slew ring for wear or damage.	A	

**Inspector Signature** \_\_\_\_\_ **Date** \_\_\_\_ / \_\_\_\_ / \_\_\_\_





