

SKYTRAK[®]

Illustrated Parts Manual

Models

6036

6042

S/N 0160045066 & After
including 0160042742,
0160042747 & 0160042755

31200731

Revised
April 2, 2014

JLG[®]

An Oshkosh Corporation Company

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SECTION 2

BOOM

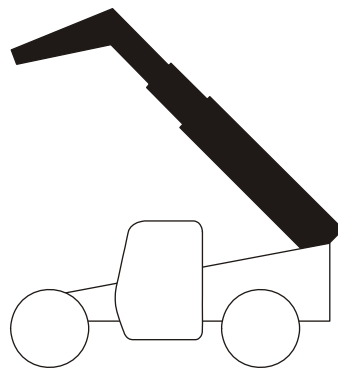




Figure 2-3 Second Boom Section

Item	Part Number	Qty.	Description	Rev.
9	7079572	11	MOLDED WEAR PAD	
10	7080244	1	SECOND BOOM SECTION	
14	7082311	36	WEAR PAD INSERT	
15	7082342	2	WEAR PAD SHIM, 0.075	
16	7082362	9	WEAR PAD SHIM, 0.134	
19	7085442	3	WEAR PAD SPACER, 0.88	
22	7111572	4	HIGH CAPACITY WEAR PAD	
48	8303657	2	HEX HD CAPSCREW, 3/8-16X2.00, GR5	
50	8303679	8	HEX HD CAPSCREW, 3/8-16X1.75, GR5	
51	8303681	16	HEX HD CAPSCREW, 3/8-16X3/4, GR5	
55	8303738	8	HEX HD CAPSCREW, 3/8-16X0.875, GR5	
63	8307005	34	LOCKWASHER, 0.375	
68	8307204	30	WASHER, 3/8	
N1	Note	Ref	SHIM PADS WITH SPACERS TO MAINTAIN A TOTAL MINIMUM GAP OF 0.07 TO 0.13 INCHES ON BOTH HORIZONTAL & VERTICAL DIRECTIONS.	
N2	Note	Ref	APPLY THREAD LOCKING COMPOUND (8526007) TO ALL SLIDE PAD SCREWS & TORQUE TO 28-34 LB-FT, (37.9-46.0 Nm).	
N3	Note	Ref	ALL SLIDE PATHWAYS TO BE FREE OF PROJECTIONS. CHECK PATHWAYS ON UNDERSIDES OF INNER & INTERMEDIATE BOOMS BY SCRAPING WITH SQUARE EDGE OF WEAR PAD SHIM. SCRAPER MUST NOT SNAG.	
N4	Note	Ref	COAT ALL UNPLATED SHOULDER BOLTS WITH ANTI-SEIZE LUBE (8522012) & PROTECT HEADS & THREAD ENDS OF EXTERIOR BOLTS WITH VARNISH (8526406).	

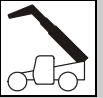


Figure 2-6 Boom Extend Chains

Item	Part Number	Qty.	Description	Rev.
7	7063432	1	DOUBLE CHAIN SHEAVE PIN	
32	7139180	2	EXTEND CHAIN YOKE	
34	7139692	1	EXTEND CHAIN & CLEVIS ASSY, (6036) , (includes items 301 thru 306)	B
	7139690	1	EXTEND CHAIN & CLEVIS ASSY, (6042) , (includes items 301 thru 306)	B
35	7139692	1	EXTEND CHAIN & CLEVIS ASSY, (6036) , (includes items 301 thru 306)	B
	7139690	1	EXTEND CHAIN & CLEVIS ASSY, (6042) , (includes items 301 thru 306)	B
47	8303624	1	HEX HD CAPSCREW, 0.50-13X1	
58	8305644	1	HEX LOCKNUT, 1/2-13	
59	8305645	2	HEX LOCKNUT, 3/8-16	
60	8305646	2	HEX LOCKNUT, 3/4-16	
64	8307007	1	LOCKWASHER, 0.50	
65	8307104	2	WASHER, 3/4	
74	8310019	2	SHOULDER SCREW, 1/2X1-1/2X3/8-16	
75	8310020	1	SHOULDER SCREW, 5/8X1-1/2X1/2-13	
82	8520001	1	LUBE FITTING, STRAIGHT	
84	8522012	AR	ANTI-SEIZE LUBE	
87	8526406	AR	VARNISH SEALANT	
101	1001101861	1	BUSHING SHEAVE INSTALL, (includes items 201 & 202)	A
201	5906392	2	SHEAVE BUSHING	
202	7063452	1	EXTEND CHAIN SHEAVE	
301	7139032	1	LEAF CHAIN CLEVIS, FEMALE, 3/4-6X6	
302	7139416	1	LEAF CHAIN CLEVIS, FEMALE, 6X6	
303	8124138	2	CHAIN CLEVIS PIN	
304	8127024	1	LEAF CHAIN, BL666, (6036)	
	8127022	1	LEAF CHAIN, BL666, (6042)	
305	8522012	AR	ANTI-SEIZE LUBE	
306	8642237	4	RETAINING RING	
428	1001097735	1	EXTEND CHAIN SHEAVE PIN	
462	8305643	1	HEX LOCKNUT, 0.625-11	
503	8303634	1	HEX HD CAPSCREW, 0.625-11X4.00, GR	
504	1001101845	1	BUSHING SHEAVE INSTALLATION, (includes items 601 thru 602)	A
601	7114112	1	EXTEND CHAIN SHEAVE	
602	7126662	2	SHEAVE BUSHING	

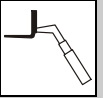


Figure 3-3 50 in Side Shift Carriage

Item	Part Number	Qty.	Description	Rev.
	1001142790	1	50 IN SIDE SHIFT CARRIAGE, (includes all items)	B
1	NSS	1	WELDMENT	
2	70024535	1	SHAFT	
3	70024536	2	COLLAR	
4	70024123	2	ADAPTER, 90 DEGREES, (includes o-ring)	
5	70024537	2	HOSE ASSEMBLY	
6	NSS	1	S/N PLATE	
7	70024538	3	WARNING DECAL	
8	NSS	1	WELDMENT	
9		Ref	50 IN SIDE SHIFT CYLINDER, (see Figure 9-8 for details)	
10	70024540	4	BUSHING	
11	70024541	8	CIRCLIP	
12	70024542	4	GREASE FITTING	
13	70024543	4	RETAINER	
14	70024544	2	SHAFT	
15	NSS	1	S/N PLATE	
16	70024551	4	LOCKWASHER, 16mm	
17	70024552	4	HEX HD CAPSCREW, M16X45, GR10.9	
18	70024553	2	HEX NUT, M16, GR8	
19	70024554	2	HEX HD CAPSCREW, M16X100, GR10.9	
20	70022997	8	LOCKWASHER, 12mm	
21	70024555	8	HEX HD CAPSCREW, M12X35, GR10.9	
22	91403413	1	FEMALE QUICK DISCONNECT	
23	8420055	1	DUST PLUG	
24	91403414	1	MALE QUICK DISCONNECT	
25	8420053	1	DUST CAP	
26	70024550	2	ADAPTER, 90 DEGREES, (includes o-ring)	
K1	70024545	1	HYDRAULIC REPAIR KIT, (includes items 5, 22 thru 26)	B
K2	70024546	1	RETAINER KIT, (includes items 13, 20 & 21)	B

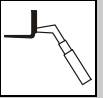


Figure 3-8 Fork Mounted Platform

Item	Part Number	Qty.	Description	Rev.
	1001103637	1	FORK MOUNTED PERSONNEL PLATFORM, (ASME) , (includes all items)	D
	1001103730	1	FORK MOUNTED PERSONNEL PLATFORM, (ISO) , (includes all items)	D
	1001103736	1	FORK MOUNTED PERSONNEL PLATFORM, (FRENCH) , (includes all items)	D
1	1702773	2	JLG DECAL	
2	1704885	1	WEBSITE DECAL	
3	1706892	1	PLATFORM WARNING DECAL, (ASME)	
	1001096025	1	PLATFORM WARNING DECAL, (ISO)	
	1001096024	1	PLATFORM WARNING DECAL, (French)	
4	31200160	1	OPERATION & SAFETY MANUAL, (ASME)	
	31200387	1	OPERATION & SAFETY MANUAL, (Spanish)	
	31200388	1	OPERATION & SAFETY MANUAL, (Portuguese)	
	31200336	1	OPERATION & SAFETY MANUAL, (French)	
5	1001092481	1	WARNING DECAL, (ASME)	
	1001096021	1	WARNING DECAL, (ISO)	
	1001096019	1	WARNING DECAL, (French)	
6	1001092482	1	CAPACITY DECAL, (ASME)	
	1001096023	1	CAPACITY DECAL, (ISO)	
	1001096020	1	CAPACITY DECAL, (French)	
7	1001096162	1	FORK MOUNTED PLATFORM, (includes items 101 thru 118)	J
8	NSS	1	S/N PLATE	
101	0641405	4	HEX HD CAPSCREW, 1/4-20X5/8	
102	0860520	1	MANUAL STORAGE BOX	
103	1060379	2	LANYARD CABLE	
104	1701509	1	MANUAL DECAL	
105	1704277	3	LANYARD ATTACH DECAL	
106	2080040	16	FASTENER	
107	2600281	2	HINGE	
108	2940074	1	LATCH	
109	3311405	4	HEX NUT, 1/4-20	
110	3421453	2	PIN	
111	3520072	10	PLUG	
112	3760170	4	RING	
113	3820020	4	RIVET	
114	4711400	8	WASHER, 1/4	
115	4846452	1	GATE WELDMENT	
116	NSS	1	PLATFORM	
117	1001095810	1	GATE WELDMENT	
118	1001102813	2	HITCH PIN	

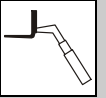


Figure 3-13 Truss Boom

Item	Part Number	Qty.	Description	Rev.
	1001099902	1	12 FT TRUSS BOOM, (includes all items)	A
	1001099901	1	15 FT TRUSS BOOM, (includes all items)	A
1	4110422	2	WARNING SWINGING LOADS DECAL	
2	NSS	1	S/N PLATE	
3	NSS	1	TRUSS BOOM	



Figure 4-1 Engine Installation

Item	Part Number	Qty.	Description	Rev.
	1001121242	Ref	ENGINE INSTALLATION, (if equipped for ULS), (not available to order, see items 1 thru 21 for service)	B
1	0100011	AR	LOCTITE® 242™	
2	0681826	2	HEX HD CAPSCREW, 1/2-13X3-1/4, GR8, (torque to 95 lb-ft)	
3	0682228	1	HEX HD CAPSCREW, 3/4-10X3-1/2, GR8, (torque to 340 lb-ft)	
4	0711015	4	HEX HD CAPSCREW, M10X35, GR10.9, (torque to 65 Nm)	
5	0711016	4	HEX HD CAPSCREW, M10X40, GR10.9, (torque to 65 Nm)	
6	0711214	8	HEX HD CAPSCREW, M12X30, GR10.9, (torque to 115 Nm)	
7	4812000	8	WASHER, 10mm	
8	4812100	8	WASHER, 12mm	
9	7054351	1	REBOUND WASHER, LORD BOUNDED MOUNT	
10	7095831	2	REBOUND WASHER	
11	8278007	1	ENGINE MOUNT	
12	8278012	2	ENGINE MOUNT	
13	8305644	2	HEX LOCKNUT, 1/2-13	
14	8310067	1	HEX LOCKNUT, 3/4-10	
15	8405007	1	GEAR CLAMP	
16	1001109536	1	OIL DRAIN HOSE	
17	1001118742	1	ENGINE MOUNT BRACKET, REAR	
18	1001120687	1	PRIMARY FILTER BRACKET	
19		Ref	CUMMINS ENGINE, QSB3.3 85HP, TIER 4, (see Figure 4-2 for details)	
20	1001121596	1	RH ENGINE MOUNT	
21	1001125495	1	LH FRONT ENGINE MOUNT BRACKET	
	1001121245	Ref	FAN INSTALLATION, (not available to order, see items 101 thru 107 for service)	A
101	0710819	6	HEX HD CAPSCREW, M8X55, GR8.8	
102	0761012	6	HEX HD CAPSCREW, M10X25, GR8.8	
103	4811900	8	WASHER, 8mm	
104	4812000	6	WASHER, 10mm	
105	4832000	6	LOCKWASHER, 10mm	
106	1001121646	1	FAN	
107	1001129191	1	FAN SPACER COUPLER	
	7301500	Ref	COUPLER INSTALLATION, (not available to order, see items 201 thru 205 for service)	AA
201	8303755	8	HEX HD CAPSCREW, M10X1.5X30mm, GR8.8, (torque to 54-61 Nm)	
202	8303784	12	HEX HD CAPSCREW, M10X1.5X20mm, GR8.8, (torque to 54-61 Nm)	
203	8406105	1	TUBE CLIP	
204	8526007	AR	THREAD LOCK	
205		Ref	COUPLER, (see Figure 4-7 for details)	
	1001120341	Ref	ECM MOUNT INSTALLATION, (not available to order, see items 401 thru 403 for service)	B
401	0641516	4	HEX HD CAPSCREW, 5/16-18X2, GR5	
402	4711500	4	WASHER, 5/16	
403	4761500	4	LOCKWASHER, 5/16	
407		Ref	FUEL PLUMBING INSTALLATION, (see Figure 4-3 for details)	
510		Ref	AIR CLEANER INSTALLATION, (see Figure 4-5 for details)	
611		Ref	RADIATOR & OIL COOLER INSTALLATION, (see Figure 4-4 for details)	



Figure 4-3 Fuel System

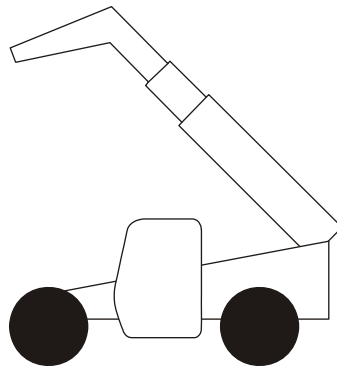
Item	Part Number	Qty.	Description	Rev.
	1001121256	Ref	FUEL LINES INSTALLATION, (if equipped for ULS), (not available to order, see items 1 thru 22 for service)	G
1	0641611	2	HEX HD CAPSCREW, 3/8-16X1-3/8	
2	4711600	2	PLAIN WASHER, 3/8	
5	1001136975	8	FUEL HOSE CLAMP	
8	1001102931	2	BANJO BOLT, M14	
9	1001102933	4	COPPER RING SEAL	
10	1001113511	2	BANJO ADAPTER, M14X3/8	
11	1001125038	1	FUEL SUPPLY FILTER HOSE	
12	1001125039	1	FUEL SUPPLY ENGINE HOSE	
13	1001134467	1	FUEL RETURN HOSE	
14	4240017	5	TIE STRAP	
15	0641506	8	HEX HD CAPSCREW, 5/16-18X3/4	
17	4711500	7	PLAIN WASHER, 5/16	
18	8406101	1	TUBE CLIP, 5/8	
19	1001138700	2	FUEL COOLER BRACKET	
20	1001134466	1	FUEL RETURN HOSE	
21	1001134516	1	FUEL RADIATOR	
22	1001136358	1	ABRASION SLEEVE	
101		1	FUEL FILTER, (see Figure 4-2 for details)	
201		Ref	FUEL & HYDRAULIC TANK, (see Figure 9-13 for details)	
301		Ref	CUMMINS ENGINE, QSB3.3, 100HP TIER IV, (see Figure 4-2 for details)	



Figure 4-5 Air Cleaner Assembly

Item	Part Number	Qty.	Description	Rev.
	1001121246	Ref	AIR CLEANER INSTALLATION, (if equipped for ULS), (not available to order, see items 1 thru 19 for service)	D
1	0100011	AR	LOCTITE® 242™	
2	0760612	4	HEX HD CAPSCREW, M6X25, GR8.8	
3	4811700	4	WASHER, 6mm	
4	8303798	4	HEX HD CAPSCREW, M10X25, GR8.8	
5	8307221	4	PLAIN WASHER, M10	
6	8405301	3	GEAR CLAMP, 4.00 MAX DIA	
7	8405502	1	GEAR CLAMP, 6.00 MAX DIA	
8	8405402	1	HOSE CLAMP	
9	1001120082	1	AIR INTAKE HOSE	
10	1001120083	1	AIR INTAKE HOSE	
11	1001134843	1	AIR INTAKE HOSE	
12	1001128507	1	AIR FILTER BRACKET WELDMENT	
13	1001128544	1	AIR FILTER, (includes items 101 thru 105)	D
14	1001128808	1	AIR FILTER PIPE	
15	2180104	1	ADAPTER, STRAIGHT	
16	2221301	1	ADAPTER, 90 DEGREES	
17	8420221	2	HOSE BARB COUPLING	
18	91563129	1	RESTRICTION INDICATOR	
19	1001134844	1	AIR RESTRICTION VACUUM HOSE	
101	70024177	1	PRIMARY ELEMENT	
102	70024176	1	SAFETY ELEMENT	
103	70024269	1	COVER	
104	70024270	1	VACUATOR VALVE	
105	70024271	1	PRE-CLEANER	

SECTION 5 DRIVE TRAIN



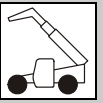


Figure 5-3 Front Axle - Input (Continued)

Item	Part Number	Qty.	Description	Rev.

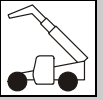


Figure 5-8 Front Axle - Joint Housing

Item	Part Number	Qty.	Description	Rev.
1	70022237	1	JOINT HOUSING, (left side)	
2	70022238	1	JOINT HOUSING, (right side)	
3	70022223	4	ROLLER BEARING	
4	1319447	4	SHAFT SEAL	
5	70022240	4	BEARING PIN	
6	1319464	16	HEX SCREW, M16X40	
7	70022179	2	BUSHING	
8	10731789	2	RETAINING RING	
9	70022218	2	SHAFT SEAL	
10	1321226	2	RETAINING RING	
11	70022781	2	UNIVERSAL COUPLING DRIVE SHAFT ASSY, (includes items 12 thru 15)	
12	70021554	2	JOINT CROSS	
13	70022782	1	CENTRAL PIECE	
14	70022187	1	FORK SHAFT	
15	70022188	1	FORK SHAFT	
16	80304173	2	SHAFT SEAL	
17	1319472	4	ROLLER BEARING	
18	70022783	16	HEX SCREW, M14X70	
19	70022234	16	CENTERING BUSHING	
20	70022249	2	HUB	
21	70022203	2	O-RING	
22	70022230	20	WHEEL BOLT	
23		Ref	WHEEL NUT, (see Figure 5-1 for details)	
24		Ref	SPRING WASHER, (see Figure 5-1 for details)	
25	8036330	4	STOP SCREW, M14X1.5	
26	70022257	2	SPACER TUBE	
27	1319477	2	HEX NUT, M14X1.5	

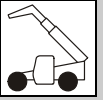


Figure 5-12 Rear Axle - Differential

Item	Part Number	Qty.	Description	Rev.
1	70022229	1	COVER	
2	70023910	1	DIFFERENTIAL CASE	
3	70022284	2	THRUST WASHER	
4	70022285	2	DIFFERENTIAL RING, A=15.0	
5	70022225	2	AXLE BEVEL GEAR	
6	70022185	4	DIFFERENTIAL BEVEL GEAR	
7	70022262	4	THRUST WASHER	
8	70022227	1	DIFFERENTIAL AXLE	
9	70022228	2	DIFFERENTIAL AXLE	
10	70023904	2	SLOT PIN	
11	70022211	16	CAPSCREW	

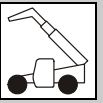


Figure 5-17 ZF Transmission Installation

Item	Part Number	Qty.	Description	Rev.
	1001108524	Ref	TRANSMISSION INSTALLATION, (not available to order, see items 1 thru 13 for service)	A
1	7054351	4	REBOUND WASHER	
2	7138634	2	TRANSMISSION MOUNT BRACKET	
3	8223232	1	TRANSMISSION TEMPERATURE SWITCH	
4	8278007	4	RUBBER MOUNT	
5	8303724	4	HEX HD CAPSCREW, 3/4-10X3-1/2, (torque to 180-320 ft-lb/244-434 Nm)	
6	8307049	8	LOCKWASHER, M16	
7	8310067	4	HEX LOCK NUT, 3/4-10	
8	8310215	8	HEX HD CAPSCREW, M16X40, GR8.8, (torque to 107-192 lb-ft/145-260 Nm)	
9	8406105	1	TUBE CLIP	
10	2131210	1	ADAPTER, 90 DEGREE, (includes o-ring)	
11	2131212	1	ADAPTER, 90 DEGREE, (includes o-ring)	
12	8760548	1	ADAPTER, STRAIGHT, (includes o-ring)	
13	8841036	1	TRANSMISSION, 4WG98-TC	AA
		Ref	ENGINE CONNECTION & CONVERTER, (see Figure 5-18 for details)	
		Ref	INPUT SHAFTS, (see Figure 5-19 for details)	
		Ref	GEARBOX HOUSING, (see Figure 5-20 for details)	
		Ref	COUPLING GROUP 1, (see Figure 5-21 for details)	
		Ref	COUPLING GROUP 2, (see Figure 5-22 for details)	
		Ref	COUPLING GROUP 3, (see Figure 5-23 for details)	
		Ref	COUPLING GROUP 4, (see Figure 5-24 for details)	
		Ref	REVERSING GEAR GROUP 1, (see Figure 5-25 for details)	
		Ref	REVERSING GEAR GROUP 2, (see Figure 5-26 for details)	
		Ref	OUTPUT, (see Figure 5-27 for details)	
		Ref	CONTROL UNIT, (see Figure 5-28 for details)	
		Ref	VALVE HOUSING ASSY, (see Figure 5-29 for details)	
		Ref	VALVE BLOCK ASSY, (see Figure 5-30 for details)	
		Ref	OIL PUMP & FILTER, (see Figure 5-31 for details)	

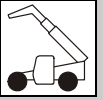


Figure 5-22 ZF Transmission - Coupling Group 2

Item	Part Number	Qty.	Description	Rev.
1	1319613	1	COUPLING	
2	8036029	1	PISTON	
3	1319593	1	O-RING, 52X3.00	
4	1319594	1	O-RING, 115X3.00	
5	1319595	5	CUP SPRING	
6	1319596	1	SHIM, 2.00	
7	10731845	2	RETAINING RING, 40X1.75	
8	7026758	8	LIN.CLUTCH DISC	
9	7026759	8	O.CLUTCH DISC	
10	7026760	1	END SHIM	
11	1319600	1	SNAP RING, 4.00	
	1319601	1	SNAP RING, 3.50	
	1319602	1	SNAP RING, 3.00	
	1319603	1	SNAP RING, 2.50	
	1319604	1	SNAP RING, 2.00	
12	1319605	2	ROLLER CAGE	
13	1319606	2	ROLLER CAGE	
14	1319614	1	DISC CARRIER	
15	1319615	1	ROLLER BEARING	
16	8036190	1	ROLLER BEARING ASSY	
	7029532	1	OUTER RING	
	7029533	1	INNER RING	
17	1319612	2	PISTON RING, 30X2.00	

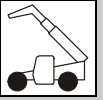


Figure 5-27 ZF Transmission - Output

Item	Part Number	Qty.	Description	Rev.
1	8036030	1	OUTPUT SHAFT	
2	1319641	2	SHAFT SEAL	
3	7027273	2	OUTPUT FLANGE	
4	NSS	1	ROLLER BEARING ASSY	
	70020430	1	CUP	
	70020431	1	CONE	
5	1319643	1	ROLLER BEARING	
6	8036031	1	SCREEN SHEET	
7	1319646	5	HEX HD CAPSCREW, M6X10mm	
8	1319647	2	SCREEN SHEET	
9	10839156	2	O-RING	
10	1319648	2	WASHER 10.00	
11	1319649	2	TAB WASHER	
12	10731959	4	HEX HD CAPSCREW, M8X25mm	
13	8036032	1	INTERMEDIATE SHAFT	
14	1319633	1	ROLLER BEARING	
15	8036190	1	ROLLER BEARING ASSY	
	7029532	1	OUTER RING	
	7029533	1	INNER RING	

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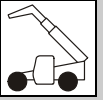


Figure 5-31 ZF Transmission - Oil Pump & Filter

Item	Part Number	Qty.	Description	Rev.
1	1319718	1	PUMP, (includes item 2)	
	7029417	1	O-RING, (between pump halves), (not shown)	
2	8036250	1	O-RING	
3	1319719	2	O-RING	
4	1319720	1	AXIAL WASHER, 40X60X1	
5	1319721	1	AXIAL NEEDLE CAGE	
6	1319722	1	ANGLE DISC	
7	1319723	1	SPACER BUSHING	
8	1319724	1	O-RING	
9	1319725	4	HEX HD CAPSCREW, M12X115mm	
10	1319726	1	TRANSMISSION FILTER	
11	8036041	1	DIPSTICK TUBE	
12	8036042	1	DIPSTICK	
13	1319585	1	SOCKET HD CAPSCREW, M8X16mm	
14	1319582	1	SOCKET HD CAPSCREW, M8X20mm	
15	1319581	1	O-RING	



Figure 6-1 Cab Installation

Item	Part Number	Qty.	Description	Rev.
	1001121741	Ref	OPEN CAB INSTALLATION, (not available to order, see items 1 thru 23 for service)	C
	1001121742	Ref	ENCLOSED CAB INSTALLATION, (if equipped for ULS), (not available to order, see items 1 thru 23 for service)	B
	1001135038	Ref	ENCLOSED CAB INSTALLATION, (if equipped for LS), (not available to order, see items 1 thru 23 for service)	B
1	8310493	4	HEX HD CAPSCREW, 7/8-9X5-1/2, GR8, (torque to 480 lb-ft/650 Nm)	
2	8307011	4	LOCKWASHER, 7/8	
3	8305644	4	LOCKNUT, 1/2-13	
4	1001141427	1	CAB STEP MOUNT	
5	8303626	4	HEX HD CAPSCREW, 1/2-13X1-1/2	
6	8307112	4	FLAT WASHER, 1/2	
7	8990147	1	MANUAL HOLDER	
8	8310085	3	LOCKNUT, 10-24	
9	8307201	3	FLAT WASHER, 10	
10	1001148177	1	RECTANGULAR MIRROR	
11	1001114675	1	MIRROR ARM	
12	8307024	2	LOCKWASHER, M6	
13	0700610	2	HEX HD CAPSCREW, M6-1X20mm	
14	8866348	1	RIGHT MIRROR, (includes mounting hardware)	
15	8866351	1	CONVEX GLASS REPLACEMENT LENS, 6-1/2X10	
16	4791500	1	STAR LOCKWASHER, 5/16	
17	8466306	1	TILT ANGLE GAUGE	
18	1001102844	2	U-BOLT, 1/4-20X2-1/2	
19	8310382	8	FLANGE NUT, 1/4-20	
20	7138944	2	BRUSH STRIP ASSY	
21	8303982	6	SELF-TAPPING SCREW, 1/4-20X3/4	
22		Ref	CAB ASSY, (see Figure 6-2 for details)	
23		Ref	SEAT ASSY, (see Figure 6-6 for details)	
24		Ref	BRAKE ASSY, (see Figure 7-1 for details)	
25		Ref	THROTTLE ASSY, (see Figure 7-2 for details)	
26		Ref	STEERING COLUMN ASSY, (see Figure 7-3 for details)	

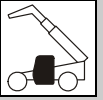


Figure 6-4 Soft Cab Enclosure

Item	Part Number	Qty.	Description	Rev.
	7139250	1	SOFT CAB ENCLOSURE KIT, (includes all items)	AC
1	7139444	1	WINDSHIELD SKYLIGHT KIT, (includes items 2 thru 9)	
2	7138958	1	SKYLIGHT GLASS	
3	7139316	1	UPPER WINDSHIELD CLIP	
4	7139299	1	BLACK BULB SEAL, 0.22X.35X14.75	
5	7138951	1	WINDSHIELD GLASS	
6	7139298	1	LOWER WINDSHIELD PLATE	
7	8035490	8	SETTING BLOCK, 1/8X1/4X2	
8	8310529	5	SELF TAPPING SCREW, #10-16X3/4	
9	8035523	1	URETHANE SEALANT, (apply to items 2 & 3)	
10	7139290	1	SOFT CAB ENCLOSURE KIT, (includes items 11, 12 & 13)	
11	7139293	1	SOFT REAR SECTION	
12	7139292	1	SOFT DOOR SECTION	
13	7139294	1	VELCRO KIT	
	7139295	1	VELCRO BRAND HOOK STRIP 1-1/2X10, ORANGE, (not shown)	
	7139296	3	VELCRO BRAND HOOK STRIP 2X10, ORANGE, (not shown)	

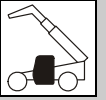


Figure 6-7 Cab Heater (Continued)

Item	Part Number	Qty.	Description	Rev.



Figure 7-4 Boom Control

Item	Part Number	Qty.	Description	Rev.
1	8224045	1	JOYSTICK WITH GATE, (includes items 2 & 3)	AB
2	8580110	1	KNOB	
3	8160419	1	BOOT	
4	8310143	4	TRUSS HD CAPSCREW, 1/4X1	
5	8310144	4	PROP TEE NUT	
6	1001132550	2	CONTROL CABLE	
7	8301443	2	CLEVIS PIN, 3/16X1	
8	8302470	2	HAIR PIN, 3/32	
9		Ref	MAIN CONTROL VALVE, (see Figure 9-11 for details)	
10	8630021	2	O-RING	
11	4812300	6	FLAT WASHER, M16	
12	0100011	AR	LOCTITE® 242™, (apply to item 6)	

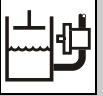


Figure 8-1 Supply Circuit (Continued)

Item	Part Number	Qty.	Description	Rev.
43	8307005	3	LOCKWASHER, 0.375	
44	8307203	3	WASHER, 0.312	
45	8310525	3	HEX HD CAPSCREW, 3/8-16X10, GR8	
46	8430032	2	DUST CAP	
47	8430033	2	ADAPTER, DIAGNOSTIC CONNECTOR	
48	2220596	1	ADAPTER, 90 DEGREES	
49	2220473	1	ADAPTER, 90 DEGREES	
50		Ref	UNLOADER VALVE, (see Figure 9-14 for details)	
51	8430032	3	DUST CAP	
52	8430046	3	ADAPTER, DIAGNOSTIC FITTING	
53	2220373	1	ADAPTER, STRAIGHT	
54	2220371	1	ADAPTER, STRAIGHT	
55	8760268	1	ADAPTER, 90 DEGREES	
56	2220473	2	ADAPTER, 90 DEGREES	
57	2220238	1	ADAPTER, PLUG, (not shown)	
58	2220381	1	ADAPTER, STRAIGHT, (long)	
	7300914	Ref	HYDRAULIC PUMP ASSY, (not available to order, see items 59 thru 74 for service)	E
59	2716780	1	HOSE ASSY	
60	2716808	1	HOSE ASSY	
61	8303626	4	HEX HD CAPSCREW, 0.5-13X1.50, GR5, (torque to 80-90 lb-ft/108.4-122 Nm)	
62	8303675	4	HEX HD CAPSCREW, 3/8-16X1.25, GR5, (torque to 33-37 lb-ft/44.7-50.1 Nm)	
63	8307005	4	LOCKWASHER, 0.375	
64	8307007	4	LOCKWASHER, 0.5	
65	8405208	1	T-BOLT CLAMP	
66	8530030	2	FLANGE HALF	
67	10717672	2	FLANGE HALF	
68	8640123	1	O-RING	
69	8640208	1	O-RING	
70	2220435	1	ADAPTER, CONNECTOR	
71	8303519	4	HEX HD CAPSCREW, M12X1.75X35, GR8.8, (torque to 58-70 lb-ft/78.6-94.9 Nm)	
72	8310356	4	WASHER, 12mm	
73		Ref	GEAR PUMP, (see Figure 9-12 for details)	
74	8630019	1	O-RING	
75	2131210	1	ADAPTER, 90 DEGREES, (includes o-ring), (if equipped for ULS)	
	2131210	2	ADAPTER, 90 DEGREES, (includes o-ring), (if equipped for LS)	
76	2131212	1	ADAPTER, 90 DEGREES, (includes o-ring), (if equipped for ULS)	
77	8760548	1	ADAPTER, CONNECTOR, (if equipped for ULS)	
78	2716762	1	HOSE ASSY	
79	2716781	1	HOSE ASSY	
80	2717033	1	HOSE ASSY	
81		Ref	MAIN CONTROL VALVE, (see Figure 9-11 for details)	
82	8303675	8	HEX HD CAPSCREW, 3/8-16X1.25, GR5	
83	8307005	8	LOCKWASHER, 0.375	
84	8310337	1	CARRIAGE BOLT, 1/2-13X2.50	

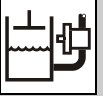


Figure 8-4 Service Brake Circuit

Item	Part Number	Qty.	Description	Rev.
1	2716763	1	HOSE ASSY	
2	2716763	1	HOSE ASSY	
101	2220371	2	CONNECTOR	
103	2220473	1	ELBOW, 90 DEGREES	
104	2220606	1	RUN TEE	
105	2220635	1	RUN TEE	
106	2716670	1	HOSE ASSY	
107	2716670	1	HOSE ASSY	
203	2716766	1	HOSE ASSY	
204	8303264	1	HEX HD CAPSCREW, 0.438-14X1.50, GR8	
205	8307004	1	LOCKWASHER, 0.312	
206	8750015	1	CLAMP SE	
207	8750017	1	LOCKING PLATE	
208	8769123	1	TWIN PLATE COVER	
301	2220473	1	ELBOW, 90 DEGREES	
303	2220606	1	RUN TEE	
304	2716670	1	HOSE ASSY	
408	2716699	1	HOSE ASSY	
409	2716699	1	HOSE ASSY	
414	7139212	2	ORIFICE DISK	
417	8630003	2	O-RING	
419	2220657	1	ELBOW, 45 DEGREES	
421	8770189	2	BULKHEAD FITTING, 45 DEGREES	
506	2220473	1	ELBOW, 90 DEGREES	
508		Ref	SECONDARY FUNCTION MANIFOLD, (see Figure 9-14 for details)	
615	8310393	2	CARRIAGE BOLT, 5/16-18X2.75, GR2, (torque to 18.5-21 lb-ft/25.0-28.4Nm)	
616	8310420	2	FLANGE-NUT, 0.312-18	
704	8430032	1	DUST CAP	
705	2170706	1	RUN TEE	
708	8430081	1	DIAGNOSTIC FITTING	
801		Ref	POWER BRAKE VALVE, (see Figure 9-15 for details)	
802	8770109	2	ELBOW, 90 DEGREES	

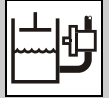


Figure 8-8 Auxiliary Hydraulic

Item	Part Number	Qty.	Description	Rev.
	7310011	Ref	FRAME AUXILIARY HYDRAULIC INSTALL, (6036) , (not available to order, see items 1 thru 13 for service)	C
	7310022	Ref	FRAME AUXILIARY HYDRAULIC INSTALL, (6042) , (not available to order, see items 1 thru 13 & 107 for service)	C
1	2716713	1	HOSE ASSY	
2	2716713	1	HOSE ASSY	
3	2716768	1	HOSE ASSY	
4	2716768	1	HOSE ASSY	
5	8307004	3	LOCKWASHER, 5/16, (6036)	
	8307004	2	LOCKWASHER, 5/16, (6042)	
6	8310009	3	HEX HD CAPSCREW, 5/16-18X2, (6036)	
	8310009	2	HEX HD CAPSCREW, 5/16-18X2, (6042)	
7	8750027	3	TWIN CLAMP SET, 0.84 DIA	
8	8750017	3	SAFETY LOCK SINGLE PLATE	
9	2220373	1	STRAIGHT CONNECTOR	
10	2220381	1	CONNECTOR	
11	2230044	2	BULKHEAD ELBOW, 90 DEGREES	
12	8765204	2	ELBOW, 90 DEGREES, (swivel nut)	
13	8769128	2	TWIN COVER PLATE	
107	8750012	1	STACKING BOLT, (6042)	
200		Ref	MAIN CONTROL VALVE, (see Figure 9-11 for details)	
	7139968	Ref	BOOM AUXILIARY HYDRAULIC INSTALL, (6036) , (not available to order, see items 301 thru 319 for service)	F
	7310022	Ref	FRAME AUXILIARY HYDRAULIC INSTALL, (6042) , (not available to order, see items 302 thru 418 for service)	D
301	2716792	2	HOSE ASSY	
302	7139728	1	TUBE ASSY, (6036)	
	7300674	1	TUBE ASSY, (6042)	
303	7139729	1	TUBE ASSY, (6036)	
	7300675	1	TUBE ASSY, (6042)	
304	7150837	1	TUBE ASSY	
305	7150838	1	TUBE ASSY	
306	8420053	1	DUST PLUG, #8	
307	8420055	1	DUST CAP, #8	
308	91403413	1	FEMALE QUICK DISCONNECT	
309	91403414	1	MALE QUICK DISCONNECT	
311	8750011	3	STACKING BOLT, 0.3125	
312	8750017	3	TWIN LOCKING PLATE	
313	8750029	2	CLAMP SET	
314	2230025	2	BULKHEAD STRAIGHT UNION	
315	8760465	2	ADAPTER, BULKHEAD NUT	
316	8769122	3	CLAMP SET	
317	8769155	4	STACKING BOLT, (6036)	
	8769155	3	STACKING BOLT, (6042)	
318	2230025	2	BULKHEAD STRAIGHT UNION	
319	2220651	2	STRAIGHT CONNECTOR	
401	2713082	1	HOSE ASSY	
402	2713082	1	HOSE ASSY	



Figure 9-1 Lift Cylinder

Item	Part Number	Qty.	Description	Rev.
	1684537	2	BOOM LIFT/LOWER CYLINDER, (6042), (includes items 1 thru 15)	A
1	NSS	1	CYLINDER TUBE	
2	8036398	1	LOCKING COLLAR, (torque to 300-400 lb-ft)	
3	8036397	1	PISTON	
4	8036396	1	GLAND	
5	8036489	1	WELDMENT ROD	
6	8036394	1	LOCKNUT, (torque to 1750-2000 lb-ft)	
7	8035321	2	COUNTERBALANCE VALVE, (4000 ± 50 PSI), (torque to 30-35 lb-ft)	
	8035327	1	SEAL KIT	
8	Use Kit K1	1	O-RING	
9	Use Kit K1	1	O-RING	
10	Use Kit K1	1	BACK-UP RING	
11	Use Kit K1	1	DEEP Z-SEAL	
12	Use Kit K1	1	CAPPED T-SEAL	
13	Use Kit K1	1	WIPER SEAL	
14	Use Kit K1	2	PRECISION WEARBAND	
15	Use Kit K1	2	PRECISION WEARBAND	
16	8526011	1	LOCTITE® 271™, (apply to item 6)	
105	3423227	2	CYLINDER PIN	
116	8303782	2	HEX HD CAPSCREW, 1/2-13X4, GR5	
120	8305644	2	HEX LOCKNUT, 1/2-13	
124	8520001	1	LUBE FITTING, STRAIGHT	
125	8520003	1	LUBE FITTING, 90 DEGREES	
126	8522012	AR	ANTI-SEIZE LUBE	
K1	8036132	1	LIFT/LOWER CYLINDER SEAL KIT, (includes items 8 thru 15)	
N1	Note	Ref	QUANTITIES SHOWN ARE FOR ONE CYLINDER ONLY	



Figure 9-5 Frame Level Cylinder

Item	Part Number	Qty.	Description	Rev.
	2716563	1	FRAME LEVEL CYLINDER, (6042), (includes items 1 thru 16)	C
1	NSS	1	WELDMENT TUBE	
2	8035323	1	PISTON	
3	8035324	1	HEAD GLAND, (torque to 300-400 lb-ft)	
4	8035758	1	WELDMENT ROD	
5	8035322	1	HEX LOCKNUT, 1.50-12, (torque to 1100-1250 lb-ft)	
6	8035757	2	PO CHECK VALVE - SERIES 10, (torque to 35-40 lb-ft)	
	8035327	2	SEAL KIT	
7	Use Kit K1	1	O-RING	
8	Use Kit K1	1	O-RING	
9	Use Kit K1	1	O-RING	
10	Use Kit K1	1	BACK-UP RING	
11	Use Kit K1	1	DEEP Z-SEAL	
12	Use Kit K1	1	CAPPED T-SEAL	
13	Use Kit K1	1	WIPER SEAL	
14	Use Kit K1	1	PRECISION WEARBAND	
15	Use Kit K1	2	PRECISION WEARBAND	
16	Use Kit K1	1	LOCKING INSERT	
17	8526011	AR	LOCTITE® 271™, (apply to item 5)	
109	7137142	2	SLAVE CYLINDER PIN	
115	8303752	2	HEX HD CAPSCREW, 5/16-18X3-1/2, GR5	
119	8305626	2	HEX LOCKNUT, 5/16-18	
124	8520001	2	LUBE FITTING, STRAIGHT	
126	8522012	AR	ANTI-SEIZE LUBE	
K1	8035326	1	FRAME LEVEL CYLINDER SEAL KIT, (includes items 7 thru 16)	



Figure 9-10 Grapple Bucket Cylinder

Item	Part Number	Qty.	Description	Rev.
	70021393	1	GRAPPLE BUCKET CYLINDER, (includes all items)	
1	70021465	1	CYLINDER TUBE	
2	70021448	2	BUSHING	
3	70021464	2	VALVE CARTRIDGE	
4	90554045	2	GREASE FITTING	
5	70021440	1	HEX NUT	
6	Use Kit K1	1	PISTON RING	
7	Use Kit K1	1	O-RING	
8	70021451	1	PISTON	
9	Use Kit K1	1	O-RING	
10	70021444	1	WASHER	
11	Use Kit K1	1	O-RING	
12	Use Kit K1	1	BACK-UP WASHER	
13	Use Kit K1	1	O-RING	
14	70021446	1	CYLINDER GLAND	
15	Use Kit K1	1	POLY-PAK SEAL	
16	Use Kit K1	1	ROD WIPER	
17	70021466	1	PISTON ROD	
18	70021447	1	BUSHING	
K1	70021452	1	SEAL KIT (includes items 6, 7, 9, 11 thru 13, 15 & 16)	



Figure 9-15 Brake Valve

Item	Part Number	Qty.	Description	Rev.
	1001106836	1	BRAKE VALVE, (includes all items)	A
1	91474454	1	SCREW	
2	91474442	2	PIN	
3	70020659	2	SPRING	
4	91474441	2	WIPER	
5	70020660	1	COVER	
6	91474440	2	WIPER	
7	70020661	1	COVER	
8	91474439	2	QUAD RING	
9	70020662	2	PISTON	
10	70020663	2	PISTON RING	
11	70023037	2	PIN	
12	91474438	2	SPRING	
13	91474452	1	BALL	
14	91474450	4	PLUG	
15	91474451	4	O-RING	
16	91474453	2	O-RING	
17	91514199	2	BACKUP RING	
18	91474455	1	DUMP PISTON	
19	91474456	1	DUMP SPOOL	
20	70020665	1	SPRING	
21	91474458	1	PLUG	
22	91514198	2	O-RING	
23	70020666	1	INLET SEAT	
24	70020667	1	O-RING	
25	70020668	1	RETAINER	
26	70020669	1	SPRING	
27	91474447	1	PISTON	
28	91474446	1	SEAT	
29	70020670	1	BALL	
30	70020671	1	SPRING	
31	70020672	1	SPRING	
32	91514197	3	O-RING	
33	91474443	1	PLUG	
34	70020673	2	NEEDLE ROLLER	
35	70020674	2	MAKE-UP CHECK	
36	91474434	2	PLUG	
37	91474435	2	O-RING	
38	70020675	2	SPRING	
39	70020676	2	SPRING GUIDE	
40	70020677	2	SPRING	
41	70020678	2	ORIFICE	
43	70020679	2	SPRING	
44	91474459	1	PLUG	
45	91474460	1	O-RING	
46	70020680	1	PLUG	
47	70020681	1	O-RING	
48	70020682	1	ORIFICE	
49	70023039	1	ORIFICE	

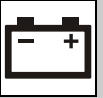


Figure 10-1 Engine Compartment Electrical Installation

Item	Part Number	Qty.	Description	Rev.
	1001132988	Ref	ELECTRICAL INSTALLATION, (6036), (if equipped for LS) , (not available to order, see items 1 thru 48 on Figure 10-1 & items on Figure 10-2 for service)	F
	1001132987	Ref	ELECTRICAL INSTALLATION, (6042), (if equipped for LS) , (not available to order, see items 1 thru 48 & item 512 on Figure 10-1 & items on Figure 10-2 for service)	F
1	0641404	3	HEX HD CAPSCREW, 1/4-20X1/2, GR5	
2	0641406	2	HEX HD CAPSCREW, 1/4-20X3/4, GR5	
3	0761010	1	HEX HD CAPSCREW, M10X20, GR8.8, (torque to 31 lb-ft/43 Nm)	
4	8750027	1	TWIN CLAMP	
5	3290601	1	HEX NUT, M6X1	
6	3290801	1	HEX NUT, M8X1.25	
7	4240017	7	TIE STRAP	
8	4711400	5	WASHER, 1/4	
9	4812000	1	WASHER, 10mm	
10	4831700	1	SPRING LOCKWASHER, 6mm	
11	4831900	1	SPRING LOCKWASHER, 8mm	
19	8270621	1	BACK-UP ALARM	
20	8303739	1	HEX HD CAPSCREW, 0.312-18X1.25, GR5	
21	8303746	1	HEX HD CAPSCREW, 0.312-18X1.750, GR5	
23	8305624	2	HEX LOCKNUT, 0.250-20	
24	8305645	1	HEX LOCKNUT, 0.375-16, (torque to 31.71 lb-ft/43Nm)	
28	8307110	1	NARROW WASHER, 0.375	
30	8310046	1	LOCK WASHER, M10	
32	8750015	1	TWIN CLAMP SET	
33	8769128	2	TWIN COVER PLATE	
34	1001127212	1	RELAY PANEL INSTALLATION, (includes items 101 thru 112)	D
35	1001128663	1	BATTERY CABLE, NEGATIVE	
36	1001128783	1	BATTERY INSTALLATION, (includes items 301 thru 304)	A
39	1001129768	1	STARTER POWER CABLE	
40	1001129769	1	BUSS POWER CABLE	
41	1001129795	1	GRID HEATER POWER CABLE	
42	1001129796	1	ALTERNATOR POWER CABLE	
43	1001129797	1	HTR FUSE TO HTR RELAY	
44	1001130568	1	ALTERNATOR GROUND CABLE	
45	1001133171	1	STARTER GROUND CABLE	
46	1001133172	1	ENGINE GROUND CABLE, (Before S/N 0160046471)	
47		Ref	ENGINE/CHASSIS HARNESS, (see Figure 10-7 for details)	
48	1001134452	1	RELAY PANEL COVER ASSY, (includes items 401 thru 404)	D
101	0641415	2	HEX HD CAPSCREW, 1/4-20X1-7/8, GR5	
102	4761400	2	LOCKWASHER, 1/4	
103	8303545	5	HEX HD CAPSCREW, M6X1X14, GR8.8	
104	8307219	5	WASHER, M6	
105	1001117308	1	RELAY, 20 AMP, (includes items 201 thru 204)	A
106	1001118245	1	FUSE, 25 AMP	
107	1001126581	1	RELAY MOUNT BRACKET	
108	1001127694	1	POWER MODULE RELAY, RED	
109	1001127699	1	POWER MODULE FUSE	
110	1001127700	1	AMG FUSE HOLDER	
111	1001129615	1	BUSS CONNECTION BAR	

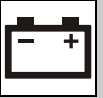


Figure 10-2 Cab Electrical Installation (Continued)

Item	Part Number	Qty.	Description	Rev.

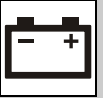


Figure 10-6 Rotating Beacon Installation

Item	Part Number	Qty.	Description	Rev.
	1001130897	1	ROTATING BEACON INSTALLATION, OPEN CAB, (includes all items)	A
	1001130898	1	ROTATING BEACON INSTALLATION, CLOSED CAB, (includes items 1 thru 6)	A
1	0100009	AR	SEALANT	
2	8223038	1	BEACON SWITCH	
3	8229233	1	FUSE, 7.5 AMP	
4	8500066	1	ROTATING BEACON LIGHT	
5	7139263	1	WIRE ASSY	
6	7139269	1	WIRE ASSY FROM SWITCH	
7	7139267	1	UPPER WIRE DUCT	
8	7139268	1	LOWER WIRE DUCT	

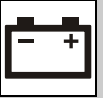
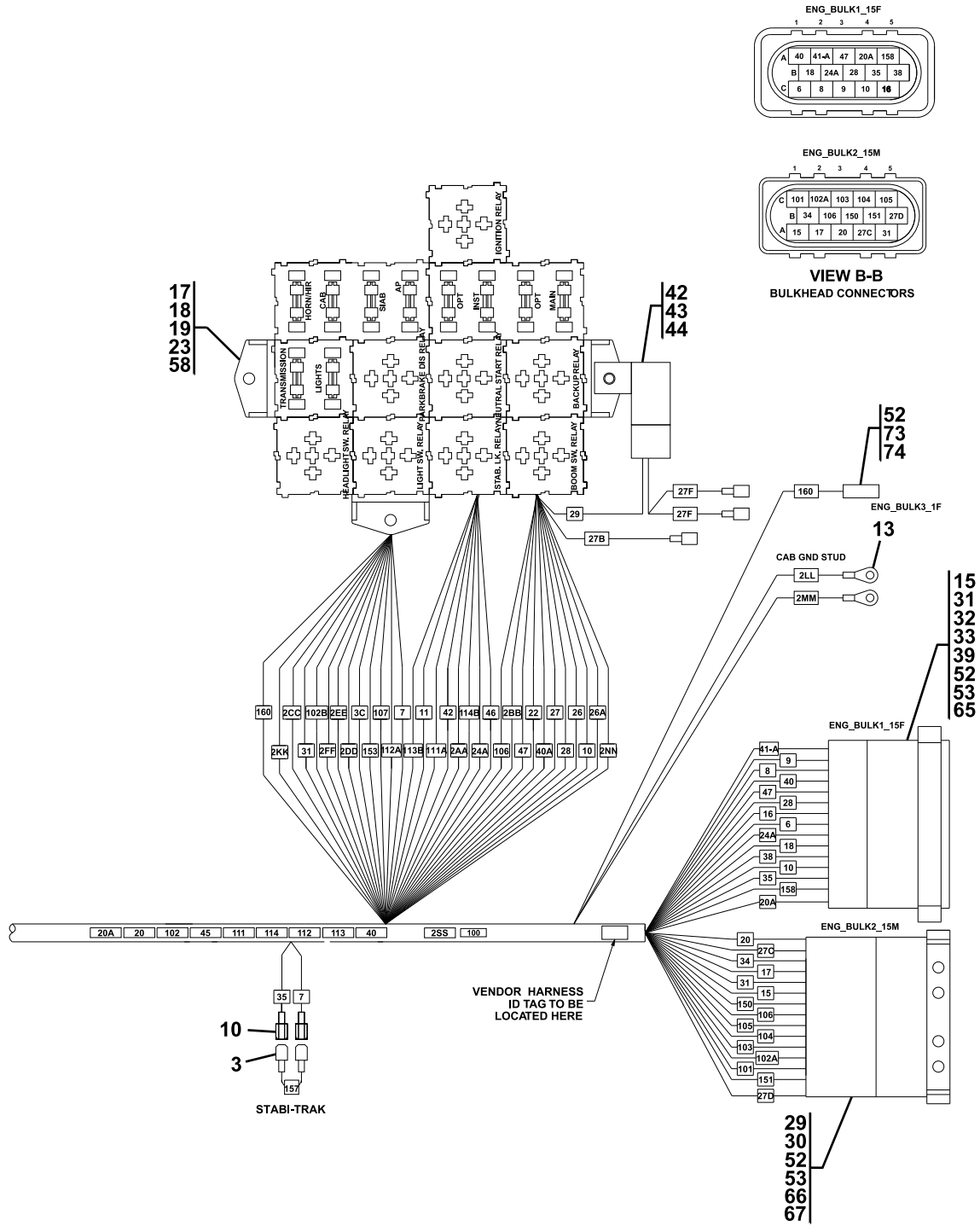


Figure 10-8 Cab Power Distribution Harness (Continued)



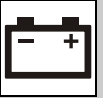
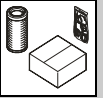


Figure 10-11 Work Lighting Harness

Item	Part Number	Qty.	Description	Rev.
	7150707	1	WORK LIGHTING HARNESS, (includes all items)	1
2	8220971	2	CONNECTOR	
3	1001116737	1	TERMINAL, FEMALE, UNSEALED	
4	70024259	1	TERMINAL, MALE, METRI-PACK	
6	7026439	1	CONNECTOR	
7	4460419	6	METRI-PACK, TERMINAL, FEMALE	
8	1001117026	1	METRI-PACK SEALED CONNECTOR, 2 POSITION	
9	8220890	1	SECONDARY LOCK	
10	8220081	2	CABLE SEAL, WEATHER/METRI-PACK	
11	1001116729	2	TERMINAL, MALE, METRI-PACK	

RECOMMENDED SPARE PARTS



The following list will service fleets of machines (built to current production per date on the front cover) with repair parts which can be installed in the field. Parts from the list should be replaced when inventory is depleted to keep service parts stock supplied. For further information, contact your JLG dealer or the JLG Industries Parts Department.

Part Number	Description	Qty./Machine
Boom Assembly		
2713452	Tilt Cylinder Hose, (see Figure 8-7)	2
2716714	Boom Hose, (see Figure 8-7)	2
7079572	Wear Pad, (see Section 2)	AR
7111572	High Capacity Wear Pad, (see Section 2)	AR
7082311	Insert, Wear Pad, (see Section 2)	AR
7082342	Shim, 0.075, (see Section 2)	AR
7082362	Shim, 0.134, (see Section 2)	AR
7096702	Wear Pad Spacer, 0.50, (see Section 2)	AR
7096772	Wear Pad Spacer, 0.62, (see Figure 2-2)	1
7096882	Wear Pad Spacer, 0.62, (see Section 2)	AR
7085442	Wear Pad Spacer, 0.88, (see Section 2)	AR
Engine		
7139077	Filler Breather Assembly, (see Figure 4-2)	1
1001121646	Fan, (if equipped for ULS) , (see Figure 4-1)	1
1001098559	Fan, (if equipped for LS) , (see Figure 4-1)	1
70024274	Fan Belt, (if equipped for ULS) , (see Figure 4-2)	1
70024285	Fan Belt, (if equipped for LS) , (see Figure 4-2)	1
Drive Train		
1600429	Transmission Selector Control, (see Figure 7-3)	1
1319726	Transmission Filter, (see Figure 4-2)	1
1319726	Transmission Filter, (see Figure 5-31)	1
1319472	Wheel Hub Bearing, (see Section 5)	8
Hydraulic System		
8224045	Boom Joystick Assembly, (see Figure 7-4)	1
8036502	Boom Extend/Retract Cylinder Seal Kit, (see Figure 9-2)	1
8036782	Boom Lift/Lower Cylinder Seal Kit, (6036) , (see Figure 9-1)	1
8036132	Boom Lift/Lower Cylinder Seal Kit, (6042) , (see Figure 9-1)	1
8035326	Frame Level Cylinder Seal Kit, (see Figure 9-5)	1
8035720	Attachment Tilt Cylinder Seal Kit, (see Figure 9-3)	1
8036747	Stabil-Trak Cylinder Seal Kit, (see Figure 9-6)	1
7028739	Tilt Compensating Cylinder Seal Kit, (see Figure 9-4)	1
2915023	Swing Carriage Cylinder Seal Kit, (see Figure 9-9)	1
70022041	Side Tilt Carriage Cylinder Seal Kit, (see Figure 9-7)	1
70021452	Grapple Bucket Cylinder Seal Kit, (see Figure 9-10)	1
7138740	Tank Strainer, (see Figure 9-13)	1
7139077	Filler/Breather, (see Figure 9-13)	2
7024441	Fluid Level Sight Gauge, (see Figure 9-13)	1
Electrical		
1001145026	Fuel Level Sender Assembly, (see Figure 9-13)	1
8270621	Backup Alarm, (see Figure 10-1)	1
4360690	Ignition Switch, (see Figure 10-3)	1
70024276	Alternator, (if equipped for ULS) , (see Figure 4-2)	1

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