An Oshkosh Corporation Company

Service and Maintenance Manual

Models

600S

660SJ

PVC 2001

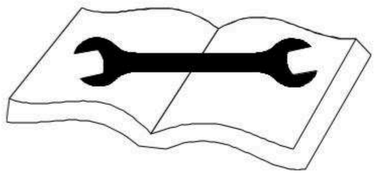
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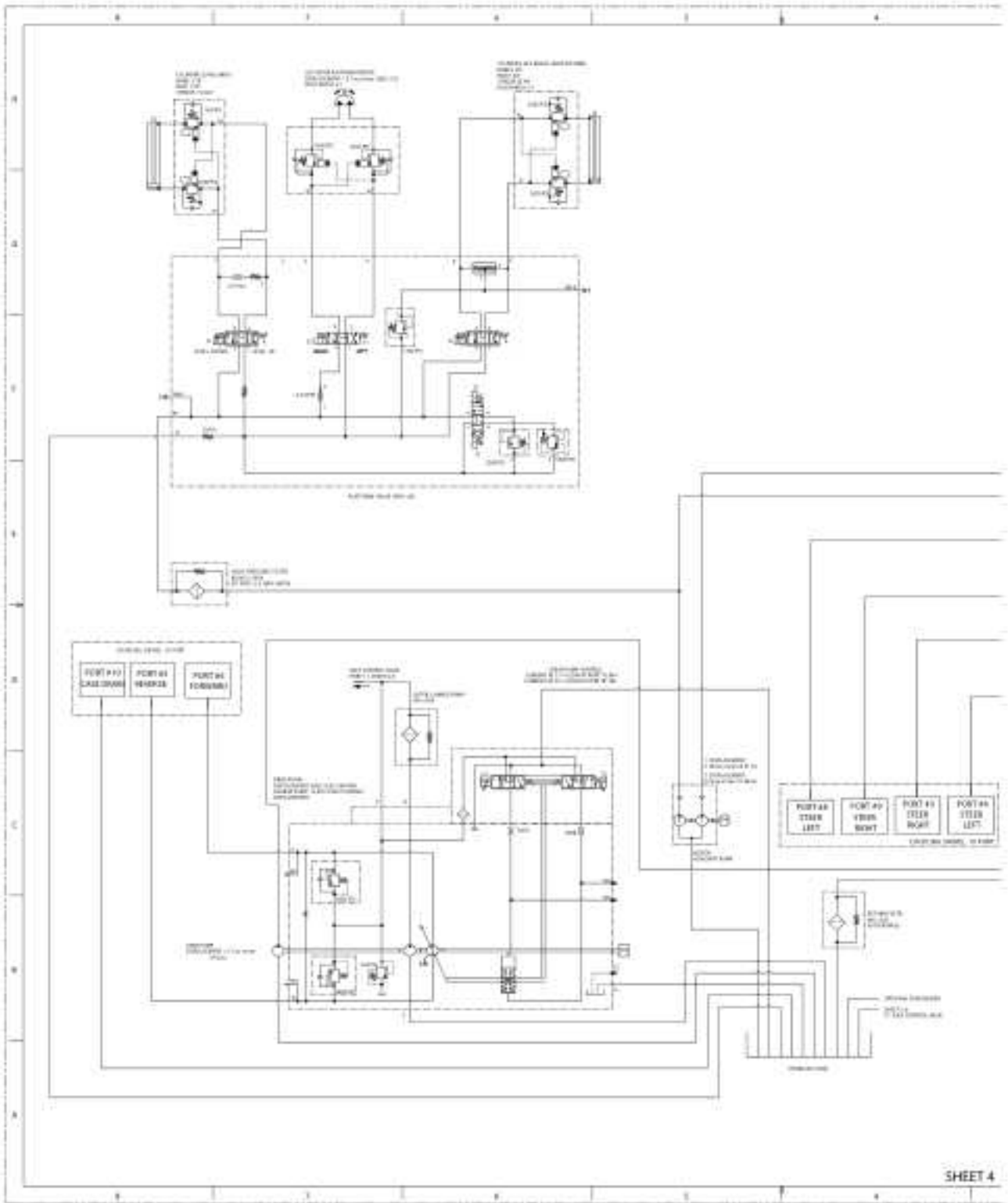


Figure 5-92. 4-Wheel Steer (4WS) with Jib Hydraulic Schematic - Sheet 1 of 2

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6.16 MACHINE FAULT CODES

Table 6-14. Diagnostic Trouble Codes

DTC	Help Message	Fault Condition/Trigger (For configurable items, fault applies only if configured. All listed conditions to be met unless stated otherwise)	Conditions Required for Movement and/or to Clear Fault
001	EVERYTHING OK	Machine is in Platform Mode; The UGM determines no problems exist	
002	GROUND MODE OK	Machine is in Ground Mode; The UGM determines no problems exist	
0010	RUNNING AT CUTBACK – OUT OF TRANSPORT POSITION	Machine is in the Out of Transport position	Machine is not in the Out of Transport position
0011	FSW OPEN	Machine is in Platform Mode; Any of the following Platform inputs become active after power up, but before Machine Enabled: Drive joystick is not in the neutral position Steer; Lift and/or Swing joystick is not in the neutral position; Telescope; Platform Level; Platform Rotate; Jib Lift (if MACHINE SETUP → JIB = YES)	Controls initialized
0012	RUNNING AT CREEP - CREEP SWITCH OPEN	Machine is in Platform Mode; Platform Creep switch input = HIGH; DTC 0013 is not active	Platform Creep switch input = Low
0013	RUNNING AT CREEP - TILTED AND ABOVE ELEVATION	Machine is in Platform Mode; The Boom is Above Elevation; Machine chassis is considered Tilted	Not all of the trigger conditions are met
0015	LOAD SENSOR READING UNDER WEIGHT	MACHINE SETUP → LOAD SYSTEM = NO; Load System is the 1-Cell LSS; UGM determines that the Platform Load < -50 lbs. for 2 seconds; Do not report if DTC (0030, 825 or 8211) is active or if Platform Load == Unhealthy	UGM determines that the Platform Load >= -50 lbs. for 5 seconds
0031	FUEL LEVEL LOW – ENGINE SHUTDOWN	MACHINE SETUP → FUEL LEVEL = NONE; Engine Shutdown has occurred due to Fuel Level = EMPTY condition.	Power Cycled
0035	APU ACTIVE	Auxiliary Power/Emergency Descent Mode is active	Auxiliary Power/Emergency Descent Mode is not active

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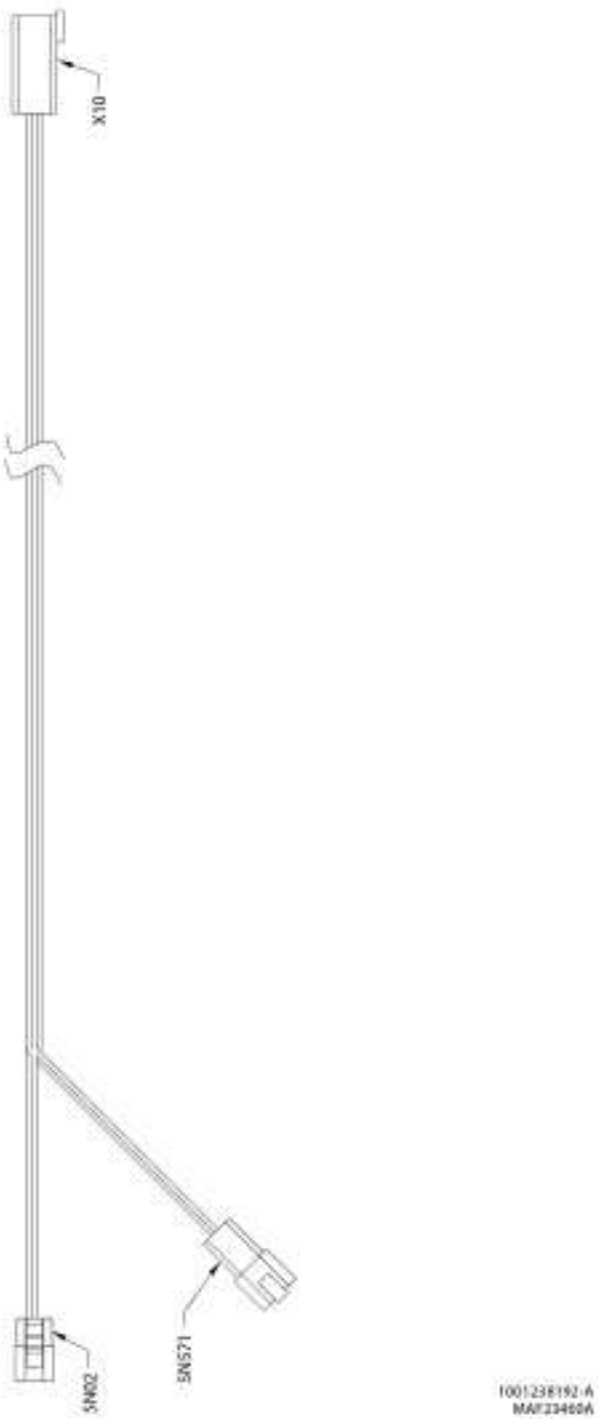
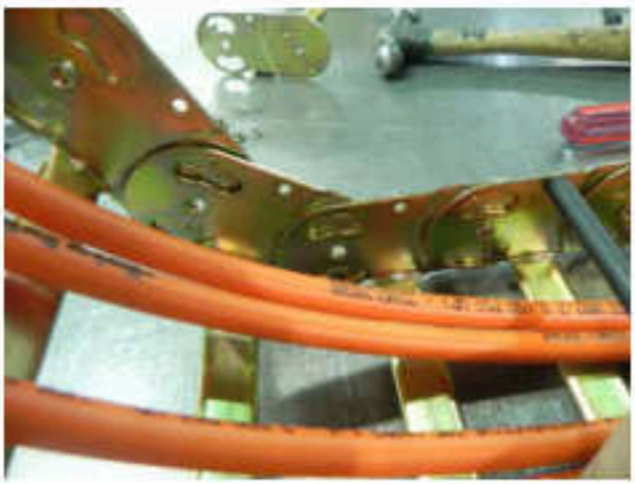


Figure 7-72. Boom sensor harness

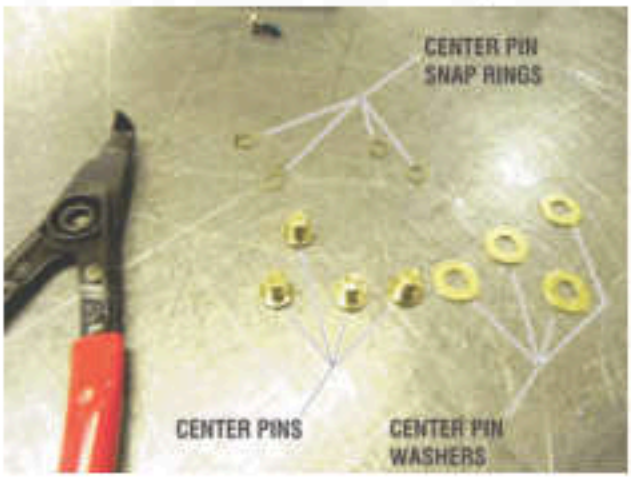
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4. Pull moving end over track so new connection is positioned in curve of powertrack. Round half-shears will rotate into cut-outs.





5. Parts shown below connect new link to powertrack.



6. Push pin through center hole. Slide washer on pin.





7. Install snap ring in groove on pin. Repeat pin installation steps for all center holes with rivets removed.



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HV249 TELESCOPE DUMP					
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET	TO
1	WHT	90-4 BOOM TELE DUMP	18 AWG	GXL	C069-J2 (31)
2	BLK	16-14-2 DUMP-	18 AWG	GXL	S250 (1)

HV192 SWING LEFT					
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET	TO
1	WHT	70-1 SWG LEFT	18 AWG	GXL	C069-J2 (34)
2	WHT	50-2-2 SWG RTN	18 AWG	GXL	S200 (1)

HV185 MAIN DUMP					
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET	TO
1	WHT	90-5 MAIN DUMP	18 AWG	GXL	C069-J2 (13)
2	BLK	16-14-3 DUMP-	18 AWG	GXL	S250 (1)

HV241 STEER DUMP					
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET	TO
1	WHT	90-7 STR DUMP	18 AWG	GXL	C069-J2 (1)
2	BLK	16-15 STR DUMP-	18 AWG	GXL	C069-J2 (18)

HV270 BYPASS DUMP					
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET	TO
1	WHT	90-3 BYPASS DUMP	18 AWG	GXL	C069-J2 (4)
2	BLK	16-14-1 DUMP-	18 AWG	GXL	S250 (1)

HV187 BOOM TELE OUT					
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET	TO
1	WHT	79-1 BOOM TELE OUT	18 AWG	GXL	C069-J2 (20)
2	WHT	50-5-1 BOOM TELE RTN	18 AWG	GXL	S198 (1)

HV191 SWING RIGHT					
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET	TO
1	WHT	71-1 SWG RHT	18 AWG	GXL	C069-J2 (35)
2	WHT	50-2-1 SWG RTN	18 AWG	GXL	S200 (1)

HV243 REAR STR RIGHT					
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET	TO
1	WHT	22-1 REAR STR RHT	18 AWG	GXL	C069-J2 (32)
2	BLK	16-11-1 STR-	18 AWG	GXL	S204 (1)

HV188 STEER RIGHT					
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET	TO
1	WHT	20-1 FRNT STR RHT	18 AWG	GXL	C069-J2 (8)
2	BLK	16-11-3 STR-	18 AWG	GXL	S204 (1)

HV189 STEER LEFT					
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET	TO
1	WHT	19-1 FRNT STR LEFT	18 AWG	GXL	C069-J2 (19)
2	BLK	16-11-4 STR-	18 AWG	GXL	S204 (1)

HV190 BOOM LIFT UP					
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET	TO
1	WHT	76-1 BOOM LIFT UP	18 AWG	GXL	C069-J2 (11)
2	WHT	50-4-2 LIFT RTN	18 AWG	GXL	S254 (1)

HV242 REAR STR LEFT					
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET	TO
1	WHT	21-1 REAR STR LEFT	18 AWG	GXL	C069-J2 (33)
2	BLK	16-11-2 STR-	18 AWG	GXL	S204 (2)

HV186 BOOM TELE IN					
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET	TO
1	WHT	78-1 BOOM TELE IN	18 AWG	GXL	C069-J2 (9)
2	WHT	50-5-2 BOOM TELE RTN	18 AWG	GXL	S198 (1)

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