An Oshkosh Corporation Company

Service and Maintenance Manual

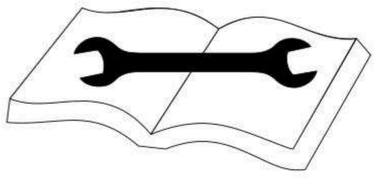
Model

600SC
600SJC
660SJC

P/N 3120794

November 22, 2016

ANSI



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1.8 CYLINDER SPECIFICATIONS

Table 1-6. Cylinder Specifications

DESRIPTON	BORE			STROKE			ROD DIA.		
	600SJ	660SJ	600S	600SJ	660SJ	600S	600SJ	660SJ	600S
Lift	6.00 (152.4)	6.00 (152.4)	6.00 (152.4)	44.6875 (1135.1)	44.6875 (1135.1)	44.6875 (1135.1)	3 (76.2)	3 (76.2)	3 (76.2)
Telescope	3.5 (88.9)	3.5 (88.9)	3.5 (88.9)	143.1875 (3637)	168.4375 (4278.3)	177.75 (4514.9)	2.5 (63.5)	2.5 (63.5)	2.5 (63.5)
Master	3.5 (88.9)	3.5 (88.9)	3 (76.2)	13.0625 (331.8)	13.0625 (331.8)	8.5 (215.9)	1.5 (38.1)	1.5 (38.1)	1.5 (38.1)
Slave Level	3.5 (88.9)	3.5 (88.9)	3 (76.2)	13.0625 (331.8)	13.0625 (331.8)	8.5 (215.9)	1.5 (38.1)	1.5 (38.1)	1.5 (38.1)
Lift (Articulating Jib Boom)	3 (76.2)	3 (76.2)	N/A	25.5 (647.7)	25.5 (647.7)	N/A	1.5 (38.1)	1.5 (38.1)	N/A

1.9 MAJOR COMPONENT WEIGHTS

Table 1-7. Major Component Weights

	600SJ		660SJ		600S	
	LB.	KG.	LB.	KG.	LB.	KG.
Platform Control Console	250	113	250	113	250	113
Platform Level Cylinder	60	27	60	27	46	21
Main Boom (Includes Lift Cyl., Rotator, and Support)	3483	1580	3783	1716	3527	1600
Turntable Complete (including engine)	7915	3590	9065	4112	7315	3318

1.10 CRITICAL STABILITY WEIGHTS

⚠ WARNING

DO NOT REPLACE ITEMS CRITICAL TO STABILITY WITH ITEMS OF DIFFERENT WEIGHT OR SPECIFICATION (FOR EXAMPLE: BATTERIES, FILLED TIRES, COUNTERWEIGHT, ENGINE & PLATFORM) DO NOT MODIFY UNIT IN ANY WAY TO AFFECT STABILITY.

Table 1-8. Critical Stability Weights

		600SJ		660SJ		600S	
		LB.	KG.	LB.	KG.	LB.	KG.
Engine	Ford	460	209	460	209	460	209
Platform	6 ft. (1.83 M)	205	93	205	93	205	93
	8 ft. (2.44 M)	230	105	230	105	230	105

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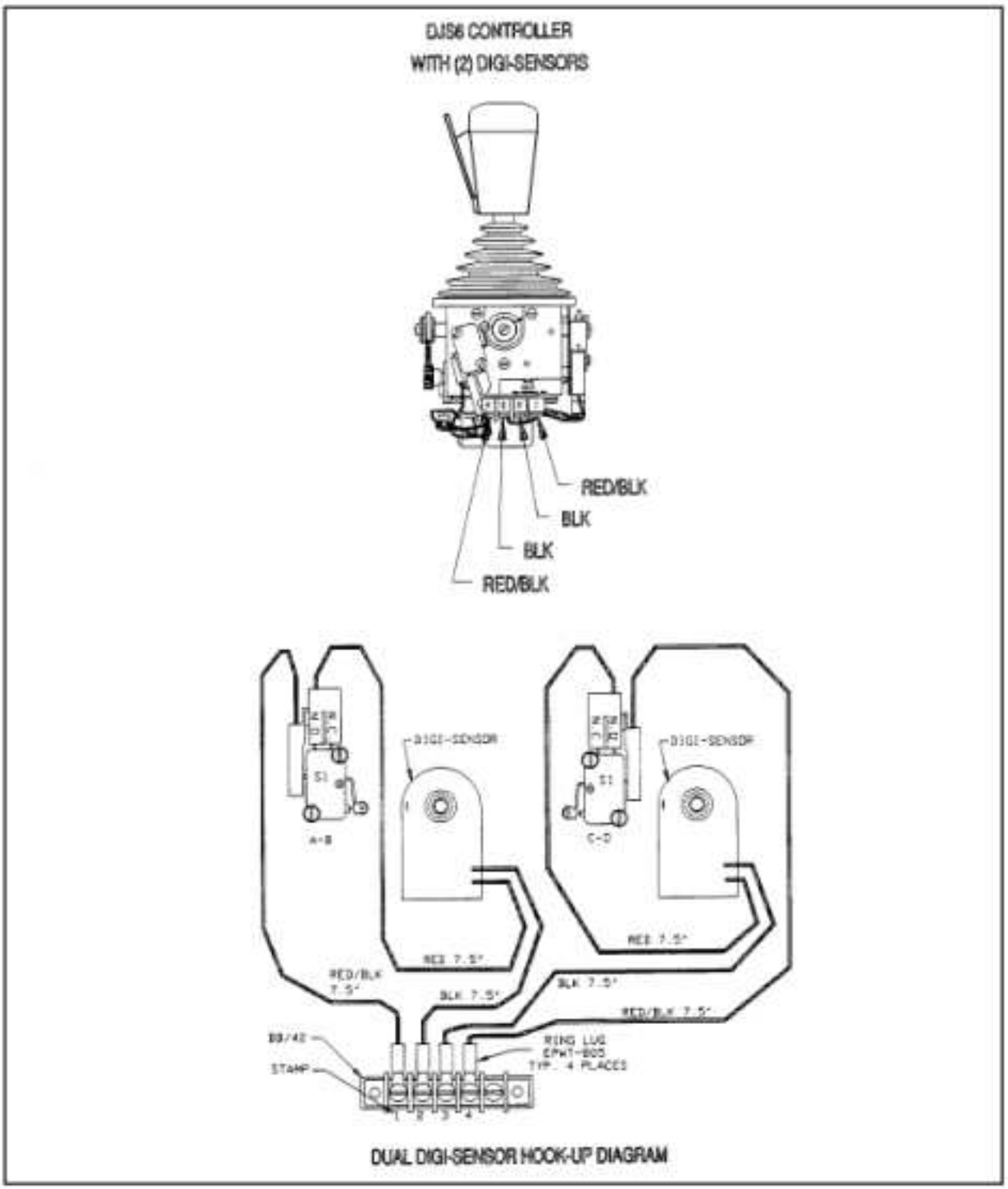


Figure 4-27. Digisensor Troubleshooting

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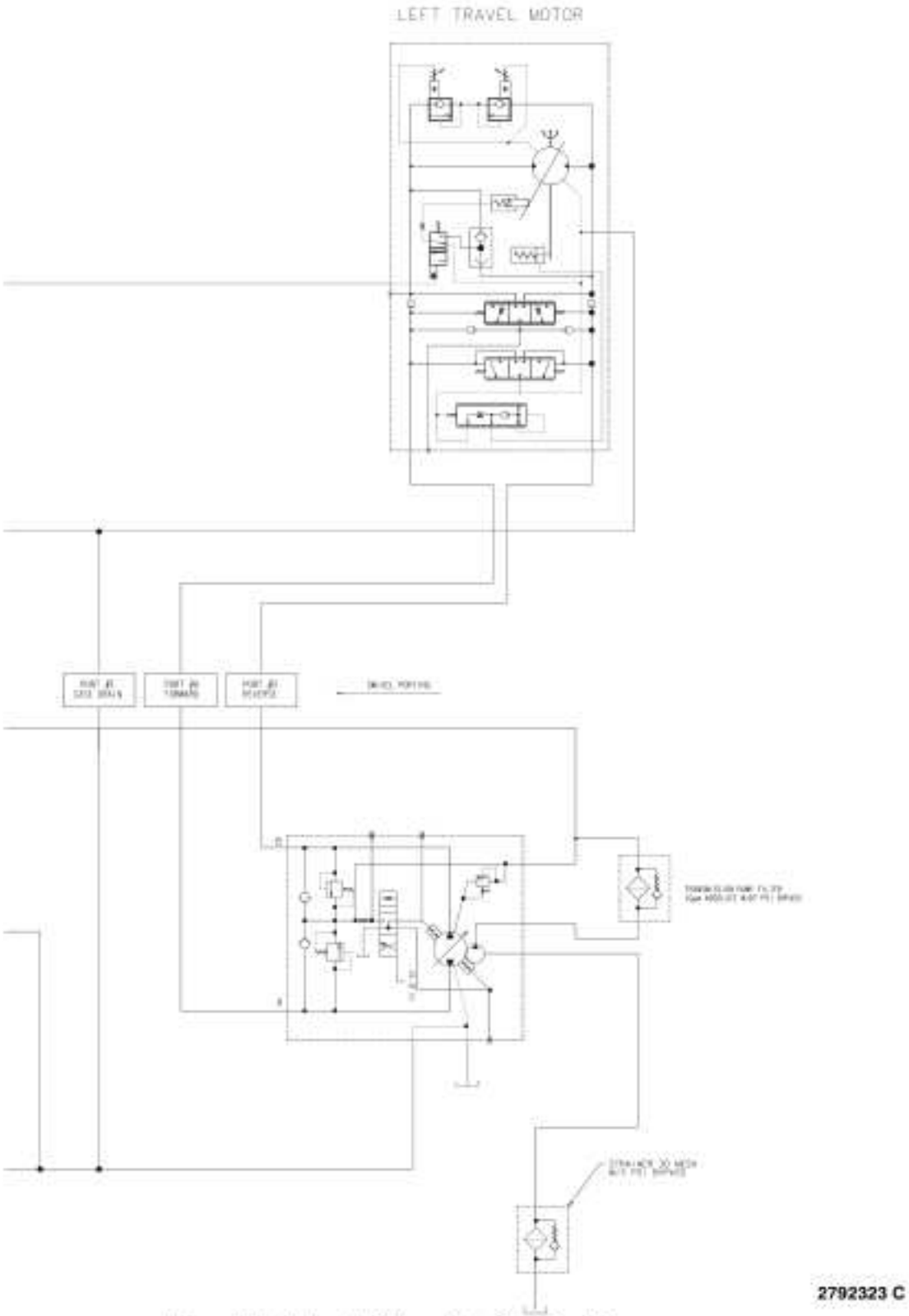


Figure 8-8. Hydraulic Schematic - Sheet 4 of 4

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tracks. Position and align onto tracks and unhook crane.



44. Start the tracking process:
45. Using overhead crane, hook up and lift and curl track up over carbody side frame. Perform step to both ends of track. Align chain and c-clamp spacer in two places on chain. Hammer in chain link aligning pin hole. Insert special alignment pin through hole to temporarily hold track together.
46. Position wood blocks to frame rail for tracks to lay onto when connecting track ends to get proper extension for connecting end links.





47. Apply never seez to pin. Line up end links. start pin in hole by driving with a hammer. Place portable power pin press over track and pin. place washers in press ends. Actuate switch to operate press, then carefully press in track pin.





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