Service and Maintenance Manual

Models

600S/SJ

660SJ

600A/AJ

Prior to
S/N 0300080000

P/N - 3120840

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1.8 CYLINDER SPECIFICATIONS

Table 1-6. Cylinder Specifications (S Models)

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)
Steer	2.5 (63.5)	2.5 (63.5)	2.5 (63.5)	10.75 (273.1)	10.75 (273.1)	10.75 (273.1)	1.25 (31.8)	1.25 (31.8)	1.25 (31.8)
Lockout (2wd)	4 (101.6)	4 (101.6)	4 (101.6)	3.875 (98.4)	3.875 (98.4)	3.875 (98.4)	1.5 (38.1)	1.5 (38.1)	1.5 (38.1)
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

Table 1-7. Cylinder Specifications (A Models)

DESRIPTON	BORE		STROKE		ROD DIA.	
	600AJ	600A	600AJ	600A	600AJ	600A
Lower Lift	6.5 (165.1)	6.5 (165.1)	34.0625 (865.2)	34.0625 (865.2)	2.5 (63.5)	2.5 (63.5)
Tower Telescope	3 (76.2)	3 (76.2)	63.75 (1619.3)	63.75 (1619.3)	2 (50.8)	2 (50.8)
Upright Lever	6 (152.4)	6 (152.4)	34.625 (879.5)	34.625 (879.5)	3 (76.2)	3 (76.2)
Upper Lift	4 (101.6)	4 (101.6)	36.625 (930.3)	36.625 (930.3)	2.5 (63.5)	2.5 (63.5)
Upper Telescope	3 (76.2)	3 (76.2)	194.375 (4413.1)	177.75 (4514.9)	2 (50.8)	2 (50.8)
Steer (2WD,2WS)	2.5 (63.5)	2.5 (63.5)	8.812 (204.7)	8.812 (204.7)	1.25 (31.8)	1.25 (31.8)
Steer (4WD,2WS)	2.5 (63.5)	2.5 (63.5)	10.75 (273.1)	10.75 (273.1)	1.25 (31.8)	1.25 (31.8)
Lockout (2WD)	3.5 (88.9)	3.5 (88.9)	3.875 (98.4)	3.875 (98.4)	2.5 (63.5)	2.5 (63.5)
Lockout (4WD)	3.5 (88.9)	3.5 (88.9)	3.875 (98.4)	3.875 (98.4)	2.5 (63.5)	2.5 (63.5)
Master	3.5 (88.9)	3 (76.2)	13.0625 (331.8)	8.5 (215.9)	1.5 (38.1)	1.5 (38.1)
Slave	3.5 (88.9)	3 (76.2)	13.0625 (331.8)	8.5 (215.9)	1.5 (38.1)	1.5 (38.1)
Lift (Articulating Jib Boom)	3 (76.2)	N/A	25.5 (647.7)	N/A	1.5 (38.1)	N/A

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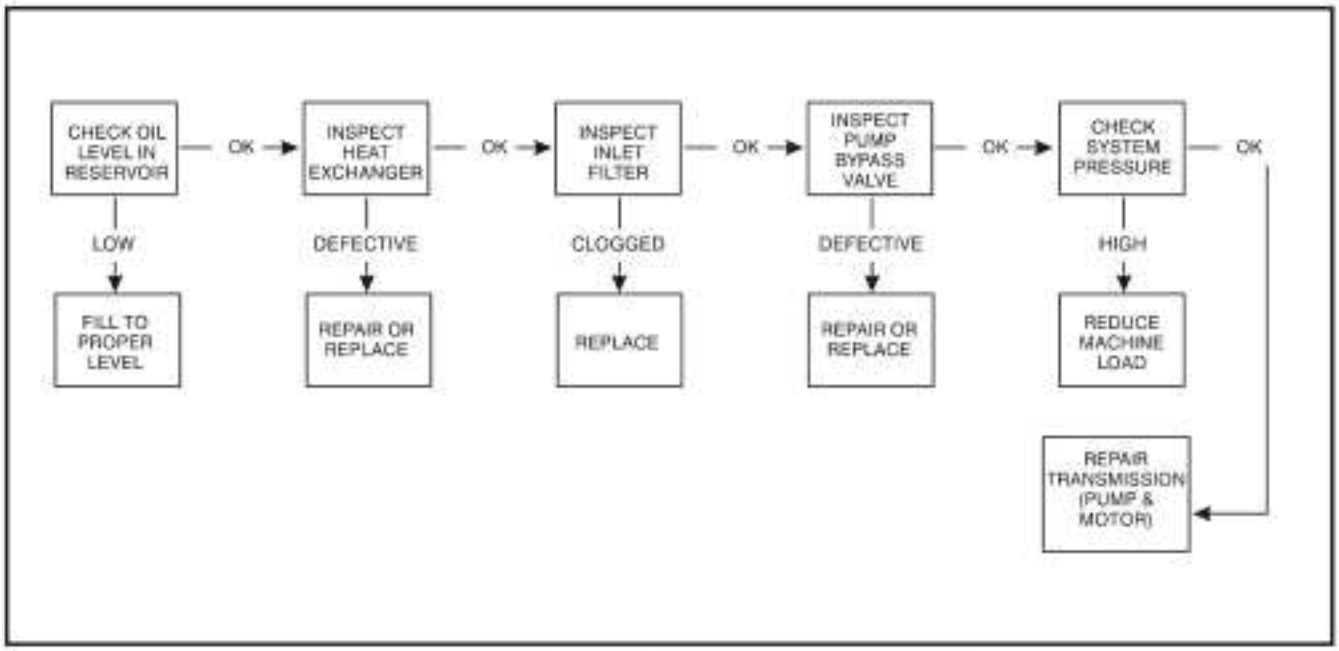


Figure 5-35. Troubleshooting - System Operating Hot

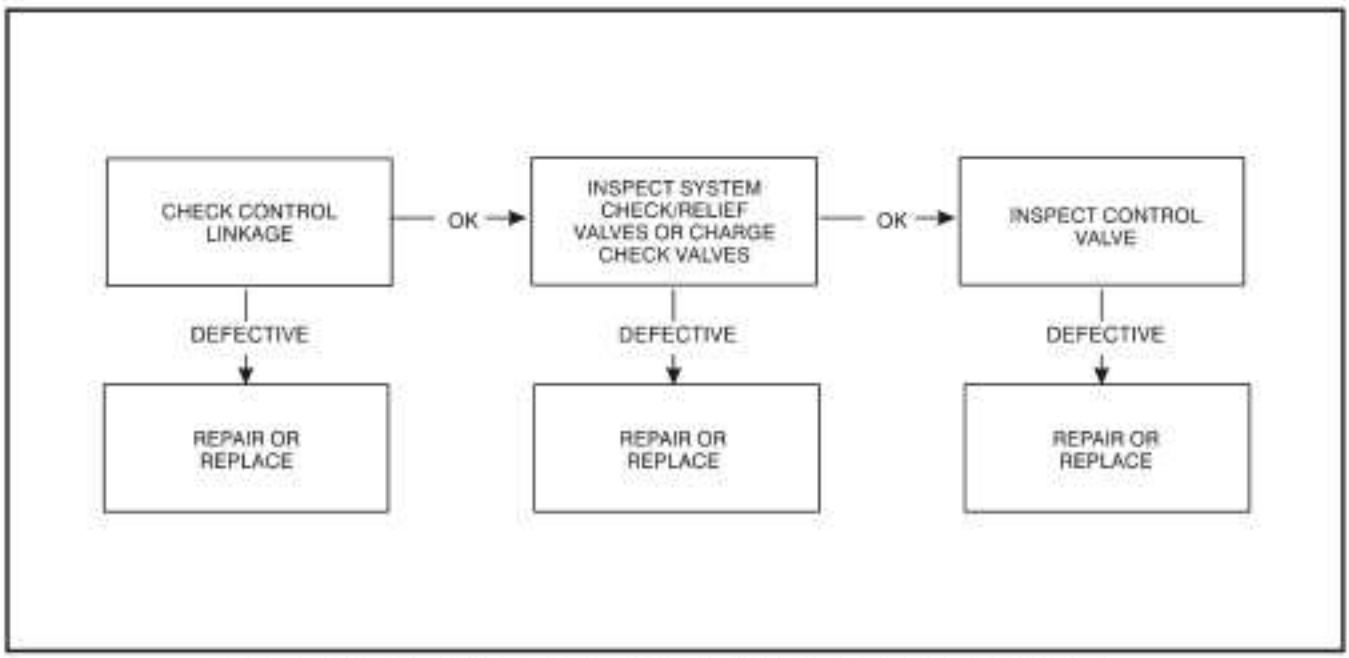
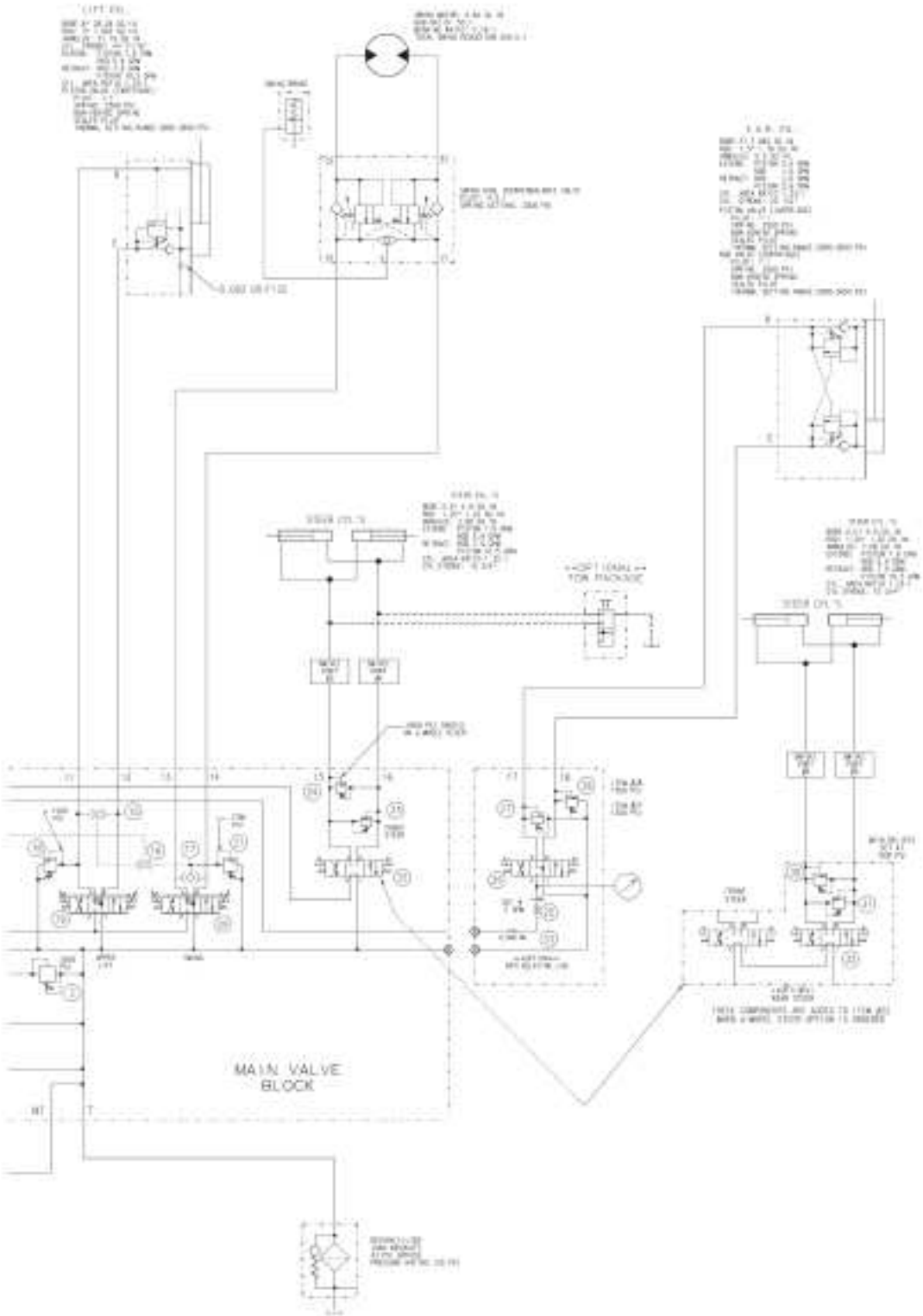


Figure 5-36. Troubleshooting - Transmission Operates in One Direction Only

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Figure 7-34. Hydraulic Schematic - S Models, S/N 75606 to Present - Sheet 2 of 6

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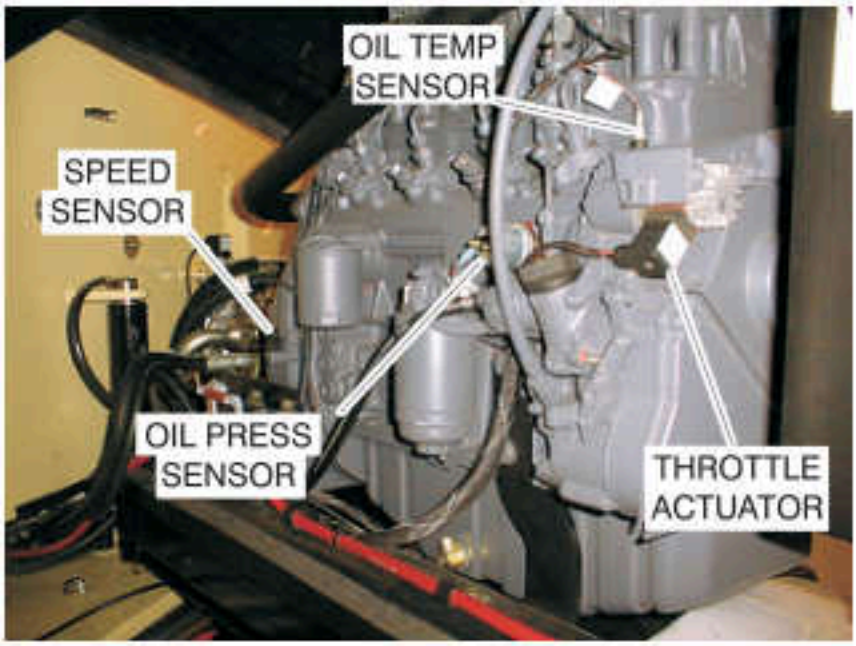


Figure 3-35. Deutz Sensors for JLG Control System

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