An Oshkosh Corporation Company

Service and Maintenance Manual

Model
1250AJP

PVC 2001

31215058

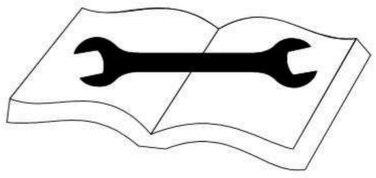
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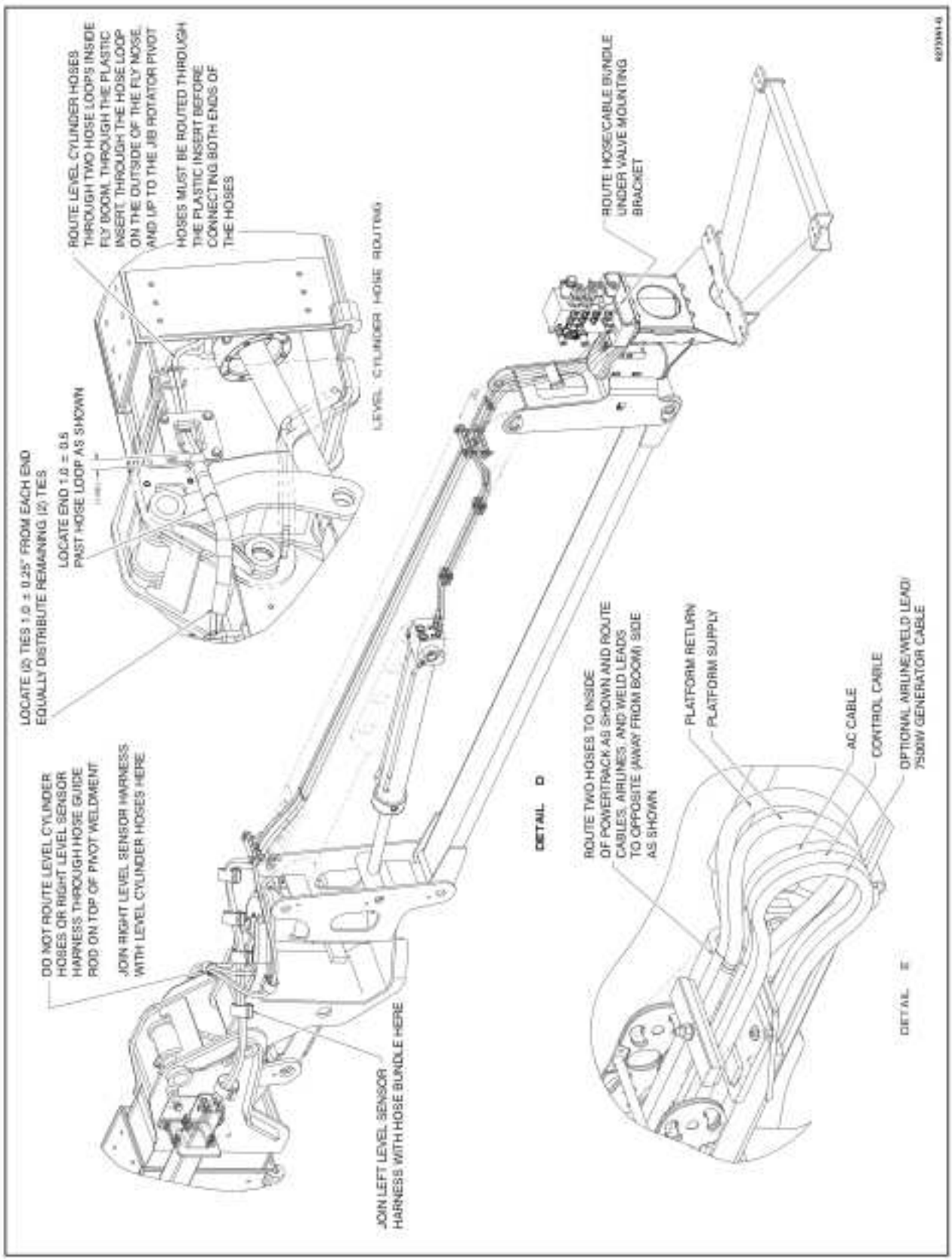


Figure 4-52. Main Boom Powertrack Installation - Sheet 2 of 3

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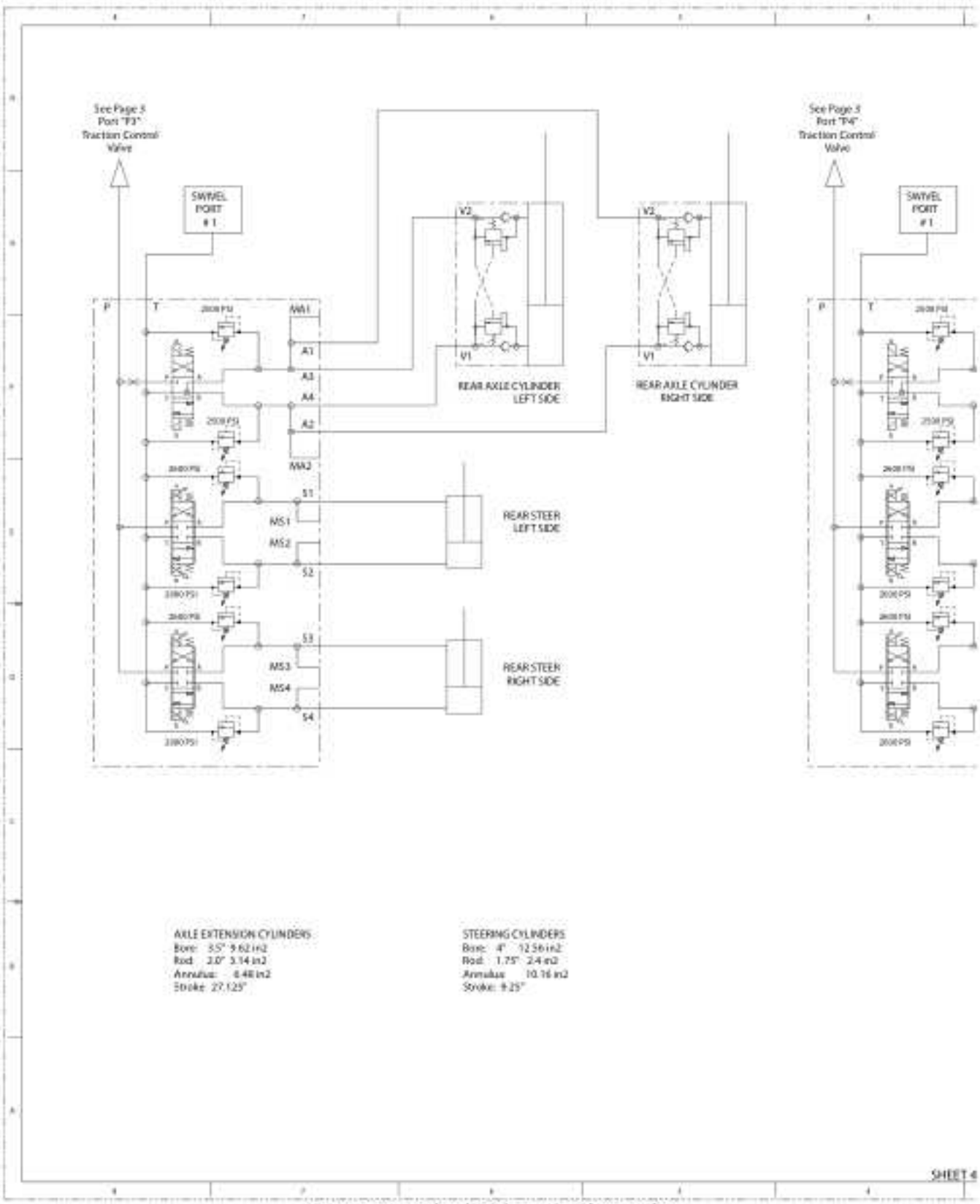


Figure 5-74. Hydraulic Schematic - Sheet 7 of 8

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Diagnostic Menu

The Diagnostic Menu is another troubleshooting tool for the Load Sensing System. Sensor and status information is presented in real-time for the technician. Several sub-menus exist to organize the data.

To access the Diagnostic Menu, use the LEFT and RIGHT Arrow keys to select DIAGNOSTICS from the Top Level Menu. Press the ENTER key to view the menu.

Press the LEFT and RIGHT Arrow keys to view the displays and select the various sub-menus. To access a sub-menu, press the ENTER key. Once in a sub-menu, press the LEFT and RIGHT Arrow keys to view the various displays (just like a Top Level menu). To exit a sub-menu, press the ESC key.

Table 6-6, Diagnostic Menu Descriptions details the structure of the Diagnostic Menu, and describes the meaning of each piece of information presented.

Table 6-6. Diagnostic Menu Descriptions

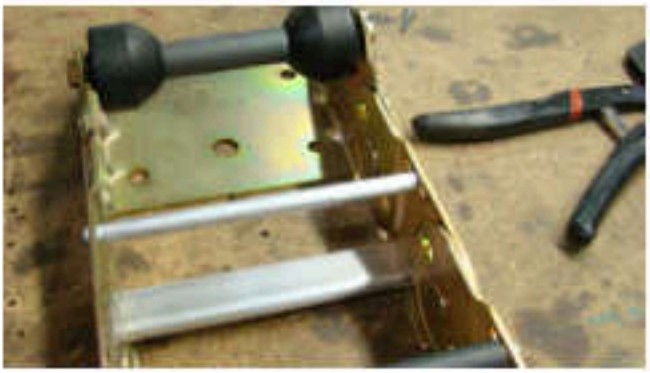
Diagnostics Menu (Displayed on Analyzer 1st Line)	Parameter (Displayed on Analyzer 2nd Line)	Parameter Value (Displayed on Analyzer 2nd Line)	Description
PLATFORM LOAD	STATE:	OK / OVERLOAD	LSS Status.
PLATFORM LOAD	ACTUAL:	XXX.X KG	Calibrated weight of the platform. ??? if Platform Load is Unhealthy**.
PLATFORM LOAD (service*)	GROSS:	XXX.X KG	Gross weight of the platform. ??? if both Cells are Unhealthy**.
PLATFORM LOAD (service*)	OFFSET 1:	XXX.X KG	Stored offset weight of Cell 1. ??? if LSS is not calibrated.
PLATFORM LOAD (service*)	OFFSET 2:	XXX.X KG	Stored offset weight of Cell 1. ??? if LSS is not calibrated.
PLATFORM LOAD (service*)	ACCESSORY	XXX.X KG	Stored accessory weight. ??? if LSS is not calibrated.
PLATFORM LOAD (service*)	UNRESTRICT	XXX.X KG	UGM will set Unrestricted Rated Load as defined by Machine Configuration.
PLATFORM LOAD (service*)	RESTRICT	XXX.X KG	UGM will set Restricted Rated Load as defined by Machine Configuration.
PLATFORM LOAD (service*)	RAW 1:	XXX.X KG	Gross value from Cell 1. ??? if Unhealthy**.
PLATFORM LOAD (service*)	RAW 2:	XXX.X KG	Gross value from Cell 2. ??? if Unhealthy**.

* Indicates only visible in service view mode
** Typically indicates a DTC is active

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5. Slide the poly roller off of the round bar.





6. Hold the round bar to remove the other screw.

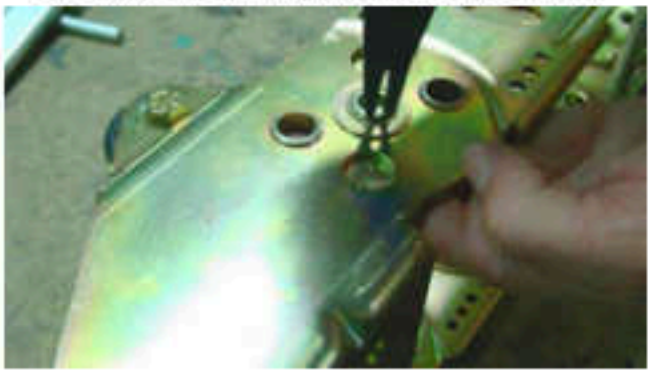


7. Slide the flat bar out.





8. Remove the snap ring from one side of the bracket.



9. Remove the snap ring from the other side of the bracket.



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1. Install the tower mid section into the tower base section. Install the wear pads in the tower base section.

NOTE: *Keep the tower fly section out of the tower mid section enough to allow for installation of the telescope cylinder retaining pin.*

2. Install the tower fly section into the tower mid section. Install the wear pads in the tower mid section.
3. Extend the telescope cylinder so the rod will be extended enough to install the retaining pin holes in the tower fly section. It may be necessary to secure one end to make sure the desired rod end extends. Install the telescope cylinder into the tower boom. Refer to the Service Mode procedure in Section 4.25, Tower Telescope Cylinder.



4. Align the telescope cylinder trunnions. Install the keepers and shims. Secure them in place with the retaining bolts.



5. Install the upper and lower length sensors.



6. Connect all hoses and electrical lines as tagged during disassembly.
7. Install the power track to the side of the tower boom. Connect all hoses as tagged during disassembly.

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