An Oshkosh Corporation Company

Service and Maintenance Manual

Model

1250AJP

PVC 2007

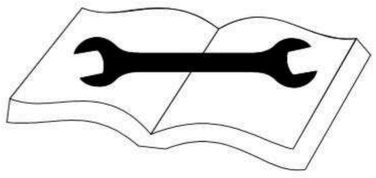
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SECTION NO.	TITLE	PAGE NO.
SECTION A - INTRODUCTION - MAINTENANCE SAFETY PRECAUTIONS		
A	General	A-1
B	Hydraulic System Safety	A-1
C	Maintenance	A-1
SECTION 1 - SPECIFICATIONS		
1.1	Operating Specifications & Performance Data	1-1
	Machine Specification	1-1
1.2	Capacities	1-1
1.3	Chassis Specifications	1-1
1.4	Tires	1-1
1.5	Dimensional Data	1-2
	Machine Dimensional Data	1-2
1.6	Engine Data	1-2
	Deutz TD2011L4	1-2
	Deutz TCD2.9L4	1-2
1.7	Torque Requirements	1-2
1.8	Major Component Weights	1-3
1.9	Pressure Settings	1-3
1.10	Hydraulic Oil	1-4
1.11	Lubrication & Operator Maintenance	1-7
1.12	ThreadLocking Compound	1-13
1.13	Torque Charts	1-14
	SAE Fastener Torque Chart	1-14
	SAE Fastener Torque Chart (Continued)	1-15
	SAE Fastener Torque Chart (Continued)	1-16
	SAE Fastener Torque Chart (Continued)	1-17
	SAE Fastener Torque Chart (Continued)	1-18
	SAE Fastener Torque Chart (Continued)	1-19
	Metric Fastener Torque Chart	1-20
	Metric Fastener Torque Chart (Continued)	1-21
	Metric Fastener Torque Chart (Continued)	1-22
	Metric Fastener Torque Chart (Continued)	1-23
SECTION 2 - GENERAL		
2.1	Machine Preparation, Inspection, and Maintenance	2-1
	General	2-1
	Preparation, Inspection, and Maintenance	2-1
	Pre-Start Inspection	2-1
	Pre-Delivery Inspection and Frequent Inspection	2-1
	Annual Machine Inspection	2-1
	Preventative Maintenance	2-1
2.2	Service and Guidelines	2-2
	General	2-2
	Safety and Workmanship	2-2
	Cleanliness	2-2
	Components Removal and Installation	2-2
	Component Disassembly and Reassembly	2-3
	Pressure-Fit Parts	2-3
	Bearings	2-3
	Gaskets	2-3
	Bolt Usage and Torque Application	2-3
	Hydraulic Lines and Electrical Wiring	2-3
	Hydraulic System	2-3
	Lubrication	2-4
	Battery	2-4
	Lubrication and Servicing	2-4

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SECTION NO.	TITLE	PAGE NO.
2.3	Lubrication and Information	2-4
	Hydraulic System	2-4
	Hydraulic Oil	2-4
	Changing Hydraulic Oil	2-4
	Lubrication Specifications	2-4
2.4	Cylinder Drift Test	2-5
	Theory	2-5
	Cylinder Leakage Test	2-5
	Cylinder Thermal Drift	2-5
2.5	Pins and Composite Bearing Repair Guidelines	2-6
2.6	Welding on JLG Equipment	2-6
	Do the Following When Welding on JLG Equipment	2-6
	Do NOT Do the Following When Welding on JLG Equipment	2-6
SECTION 3 - CHASSIS & TURNTABLE		
3.1	Tires & Wheels	3-1
	Tire Damage	3-1
	Tire Replacement	3-1
	Wheel and Tire Replacement	3-1
	Wheel Installation	3-2
3.2	Axle Extension System	3-3
3.3	Axle Limit Switch Adjustment Procedure	3-3
3.4	Drive System	3-4
3.5	Steering Control System	3-4
3.6	Drive/Steering Speed Control	3-5
3.7	Traction Control System	3-5
3.8	Drive Orientation System	3-5
3.9	Ground Control Enable System	3-5
3.10	Oscillating Axle System	3-14
3.11	Oscillating Axle Bleeding Procedure and Lockout Test	3-14
	Lockout Cylinder Bleeding	3-14
	Oscillating Axle Lockout Test	3-15
3.12	Wheel Drive Assembly	3-16
	Removal	3-16
	Installation	3-16
3.13	Drive Hub - If Equipped With Bonfiglioli	3-17
	Product Identification	3-17
	Hydraulic Motor Installation	3-17
	Installation of the Wheel Drive on the Machine	3-17
	Start Up and Running In	3-17
	General Information	3-18
	Gearbox Disengagement	3-20
	Maintenance Information	3-22
	Disassembly Information	3-23
	Disassembly	3-23
	Inspection of Parts	3-32
	Assembly	3-32
	Final Test and Reinstallation	3-42
3.14	Drive Hub - If Equipped With Reggiana Riduttori	3-47
	Symbol Nomenclature	3-47
	Tools	3-47
	Disassembly	3-52
	Assembly	3-56
3.15	Swing Drive Hub	3-62
	Removal	3-62
	Assembly/Disassembly	3-62
	Installation	3-62
3.16	Swing Drive	3-63

MidWestTech | JLG 1250AJP Boom Lift Service Manual | Publication 31217409 Order the manual at mid-west-tech.com >

SECTION NO.	TITLE	PAGE NO.
3.17	Swing Brake	3-66
3.18	Procedure For Setting Gear Backlash	3-67
3.19	Swing Drive Lubrication	3-68
3.20	Turntable Bearing	3-69
	Turntable Bearing Mounting Bolts Condition Check	3-69
	Turntable Bearing Wear Measurement	3-70
	Turntable Bearing Removal	3-75
	Turntable Bearing Installation	3-75
3.21	Swing Speed Proportioning	3-78
3.22	Chassis Tilt Indicator System	3-78
3.23	Rotary Coupling	3-79
3.24	Generator	3-82
	Every 250 hours	3-82
	Every 500 hours	3-82
	Overload Protection	3-83
	Inspecting Brushes, Replacing Brushes, and Cleaning Slip Rings	3-83
3.25	Cold Weather Package	3-85
3.26	Engine	3-85
	Glow Plugs	3-85
	Checking Oil Level	3-85
	Changing Engine Oil	3-86
	Changing Oil Filter	3-87
	Replacing Fuel Filter or Pre-Filter	3-88
	Removal	3-90
	Installation	3-93
3.27	Deutz EMR 2	3-94
3.28	Bio Fuel in Deutz Engines	3-107
	General	3-107
	Bio Fuel	3-107
	Biological Contamination In Fuels	3-108
3.29	Deutz Turbocharger Operation	3-109
	Operating Practices	3-109
3.30	Auxiliary Power System	3-157
3.31	Counterweight	3-157

SECTION 4 - BOOM & PLATFORM

4.1	Platform Control Enable System	4-1
4.2	Transport Position Sensing System	4-1
4.3	Beyond Transport - Drive Speed Cutback System	4-1
4.4	Drive/Steer – Boom Function Interlock System (CE ONLY)	4-1
4.5	Jib Stow System	4-2
4.6	Envelope Control System	4-2
4.7	Tower Path Control System	4-3
4.8	Automatic Main Boom Control System	4-3
4.9	Electrical Retrieval System	4-8
4.10	Hydraulic Retrieval System	4-8
4.11	Controlled Boom Angle System	4-8
4.12	Slow Down System	4-9
4.13	Dual Capacity System	4-9
4.14	Hydraulic System Warm Up	4-9
4.15	Reduced Platform Heights	4-9
4.16	Electronic Platform Leveling	4-10
4.17	Platform	4-10
	Support Removal	4-10
	Support Installation	4-11
4.18	Rotator	4-13
	Removal	4-13
	Installation	4-13

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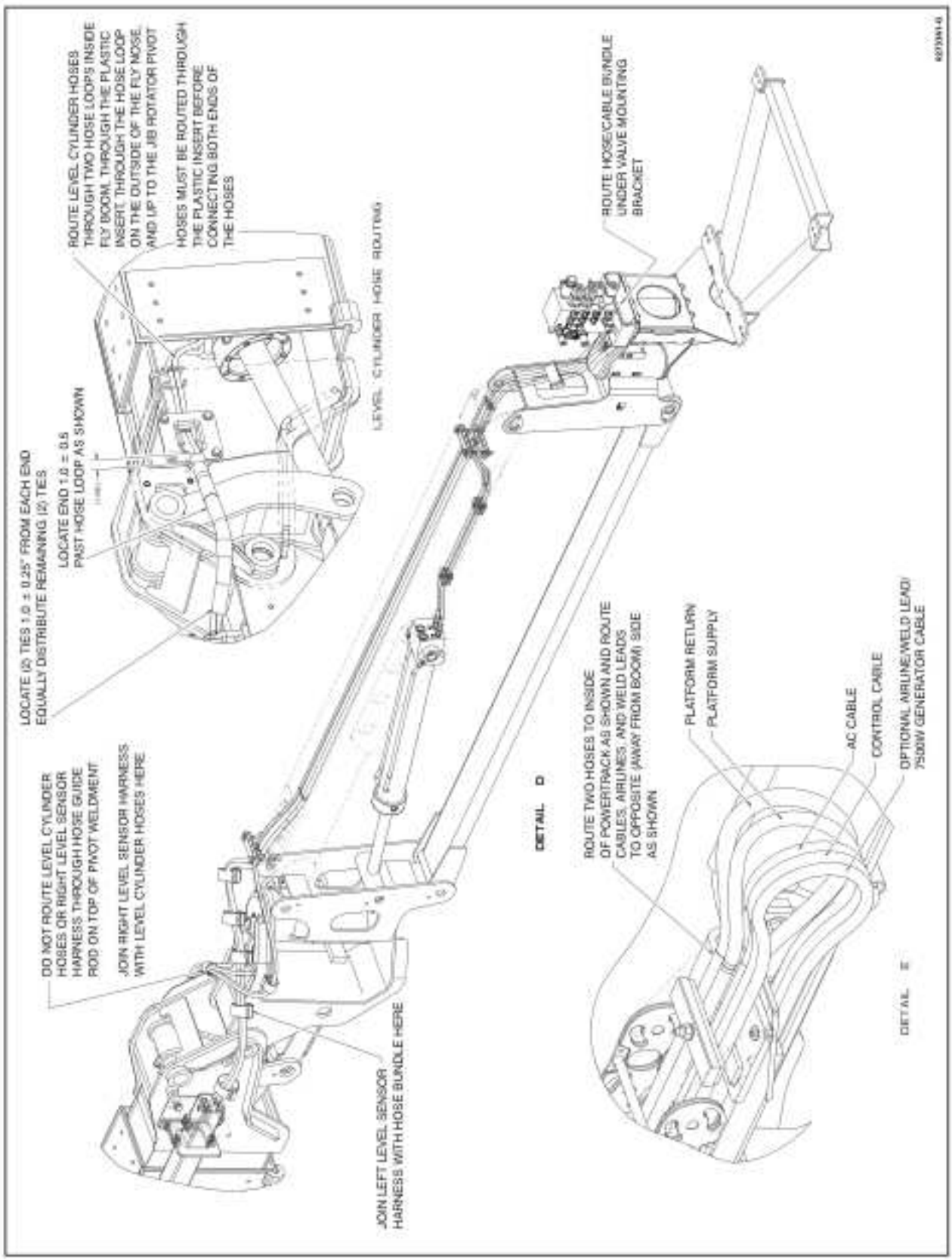


Figure 4-53. Main Boom Powertrack Installation - Sheet 2 of 3

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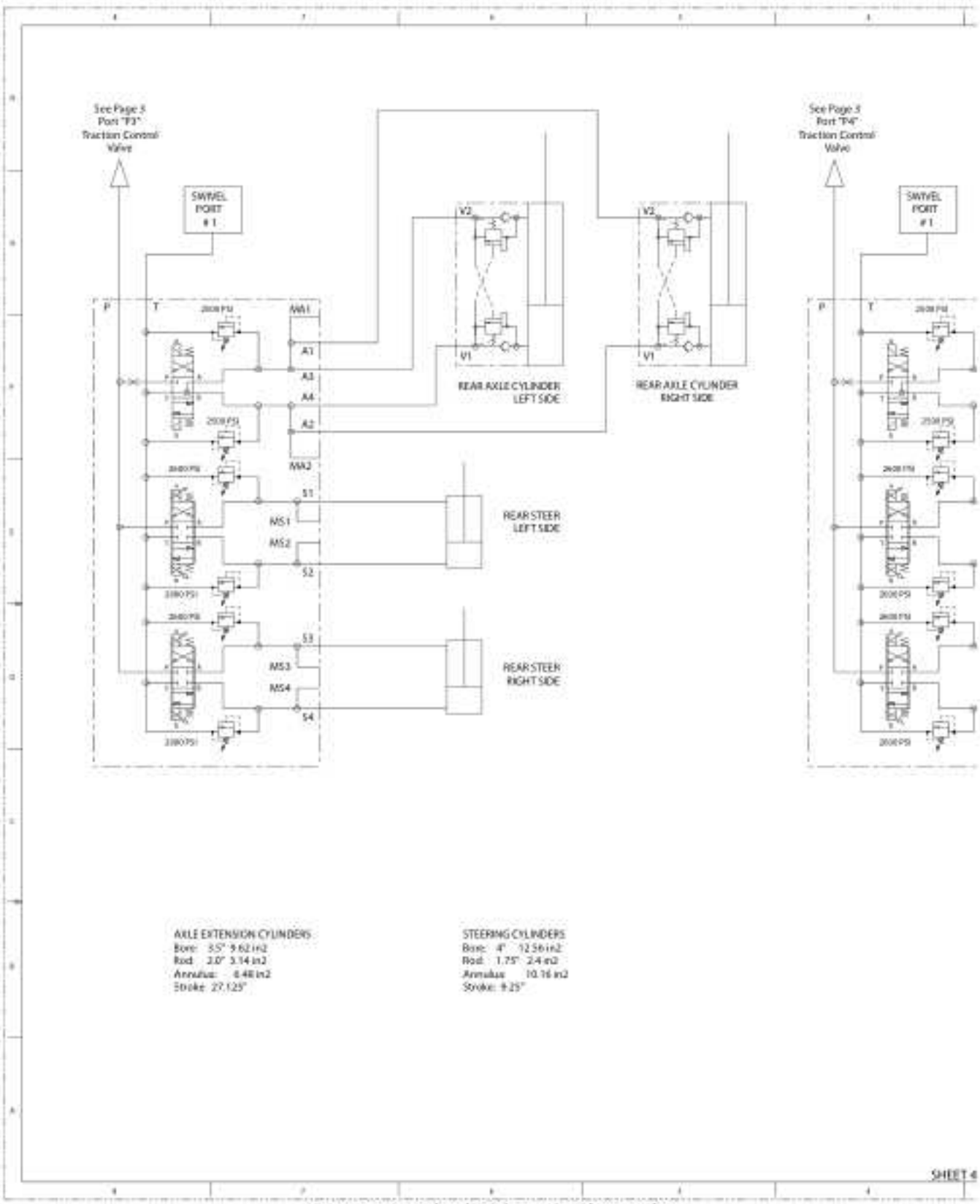


Figure 5-75. Hydraulic Schematic - Sheet 7 of 8

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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.

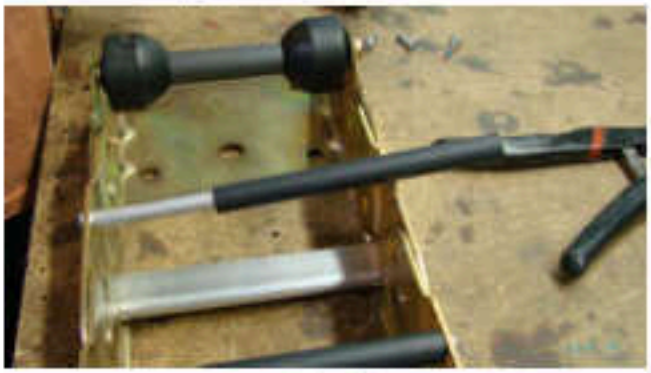
Table 6-6. Diagnostic Menu Descriptions

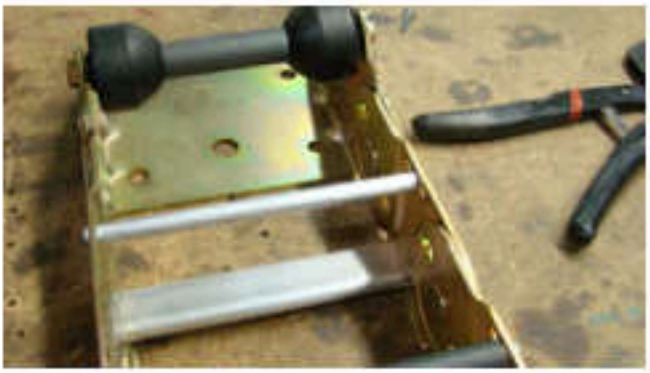
Diagnostics Menu (Displayed on Analyzer 1st Line)	Parameter (Displayed on Analyzer 2nd Line)	Parameter Value (Displayed on Analyzer 2nd Line)	Description
PLATFORM LOAD	STATE:	OK / OVERLOAD	LSS Status.
PLATFORM LOAD	ACTUAL:	XXX.X KG	Calibrated weight of the platform. ??? if Platform Load is Unhealthy**.
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.



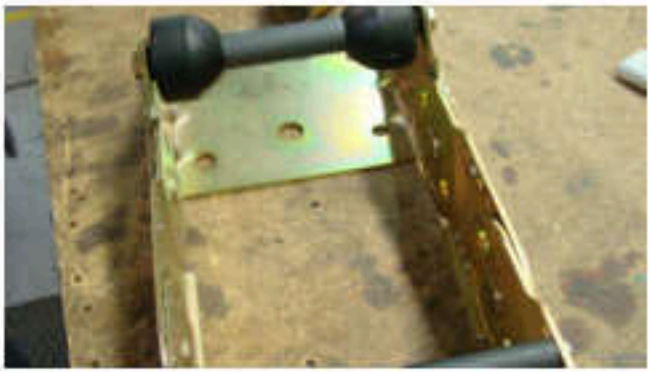


6. Hold the round bar to remove the other screw.

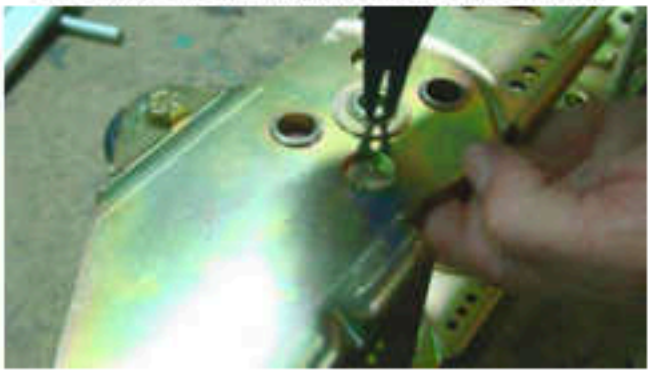


7. Slide the flat bar out.





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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