

BB-08: Check Drawbar Pressure

SAFETY FIRST

- Follow all Caterpillar facility safety standards when performing this task.
- This task requires climbing on slick steps around rotating spindles and moving conveyors. Proceed with caution.

EQUIPMENT

- OTT-Jakob Power Check Analyzer

RESOURCES

- OTT-Jakob Power Check Analyzer Operating Manual
- Sundstrand Operations Manual
- experienced Journeyman

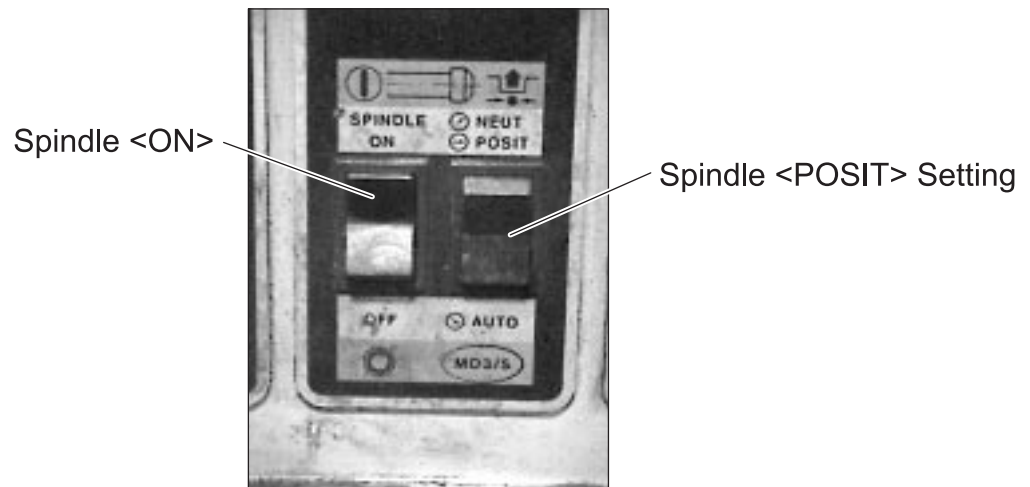
Check Drawbar Force

1. Set the machine mode to Manual.

Set to the
MAN Mode



2. Move the spindle switch to the <POSIT> position.



3. Turn OFF the spindle.

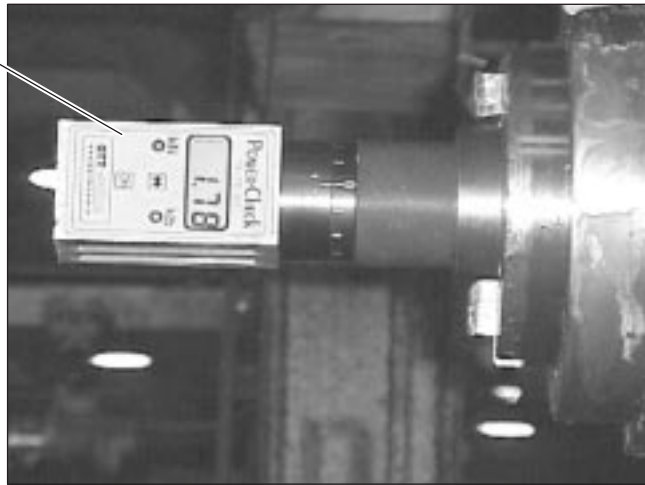
4. Remove the tool.

- Release the tool from the spindle.



5. Install the drawbar analyzer.

Drawbar Analyzer


**6. Clamp the spindle onto the drawbar analyzer.****7. Turn ON the drawbar analyzer.****8. Select the desired pressure reading.**

- Select Klb for Kilopounds of force.
- Select KN for KiloNewton of force.



Press to Specify Kilopound Reading

Press to Start the Test

- 
9. **Verify the drawbar pressure reading.**
 - Make sure the pressure reading is within the expected readings from the Sundstrand Maintenance Manual.
 10. **Follow the procedure in the Sundstrand Maintenance Manual to adjust the pressure, if necessary.**
 11. **Restore the machine for operation.**
 - Remove the analyzer.
 - Reinstall the tool.