



## S-Series™

### 2.0 Auxiliary Pump Pressure Inspection/Adjustment

**Date:** April 9, 2025

**Bulletin Name:** FDM-IB-007

**Model:** Oshkosh S-Series 2.0

**Units Affected:** SN 814188 - 831237

#### **Purpose:**

This bulletin provides instructions for inspecting the auxiliary pump pressure setting and adjusting the setting if the pump has the incorrect pressure setting.

#### **Notice:**

- Read and understand bulletin in its entirety before performing this procedure.
- All procedures outlined in the bulletin must be performed by skilled service personnel. Refer to the product service manual for descriptions of maintenance procedures.

#### **SAFETY NOTICE**

Perform your company's Lockout/Tagout procedure. If your company does not have a Lockout/Tagout procedure, follow OSHA 1910.147 and 1910.146 Confined Space as appropriate.

#### **SAFETY NOTICE**

Use appropriate Personal Protective Equipment (PPE) as required by your company.

#### **Tools and Equipment Required:**

Customer to supply:

- 13 mm Combination Wrench
- 4 mm Hex Key
- Torque Inspection Sealant

#### **Procedure:**

##### ***Pump Pressure Check***

1. Start the vehicle, apply the parking brake, and chock the wheels.
2. Activate an auxiliary function like the chute or water pump.

3. Check (System Reading) Hydraulic Pressure value displayed on the overhead display DIAGNOSTICS screen. See Figure 1. The system value must be 2950 - 3000 PSI.

- If the system value is correct the procedure is complete, continue to Step 14.
- If the system value is incorrect continue to Step 4.



Figure 1 - Overhead Display Screens

### Pump Pressure Adjustment

4. Open engine cover hatch.
5. Locate auxiliary pump. See Figure 2.
6. Remove tamper-proof cap from the pump pressure compensator lower set screw. Tamper-proof cap can not be reused.

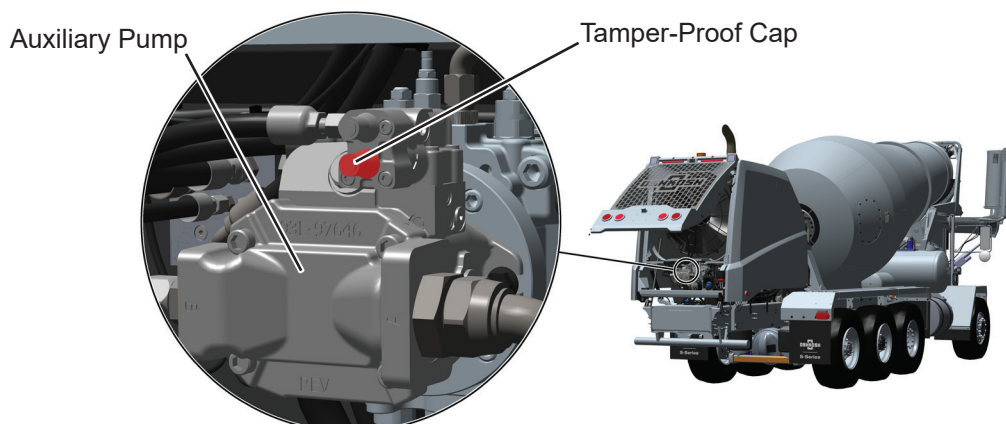


Figure 2 - Auxiliary Pump

7. Install 13 mm combination wrench on pressure compensator lower set screw jam nut. See Figure 3.
8. Install 4 mm hex key in pressure compensator lower set screw. See Figure 3.
9. Loosen lower set screw jam nut with combination wrench while holding set screw in place with hex key. See Figure 3.
10. Adjust system pressure until *(System Reading) Hydraulic Pressure* value displayed on the overhead display DIAGNOSTICS screen reads 2950 - 3000 PSI (4254 - 4309 mV). Turning set screw clockwise increases pressure setting and turning set screw counterclockwise decreases pressure setting.
11. Tighten lower set screw jam nut with combination wrench while holding set screw in place with hex key. See Figure 3.

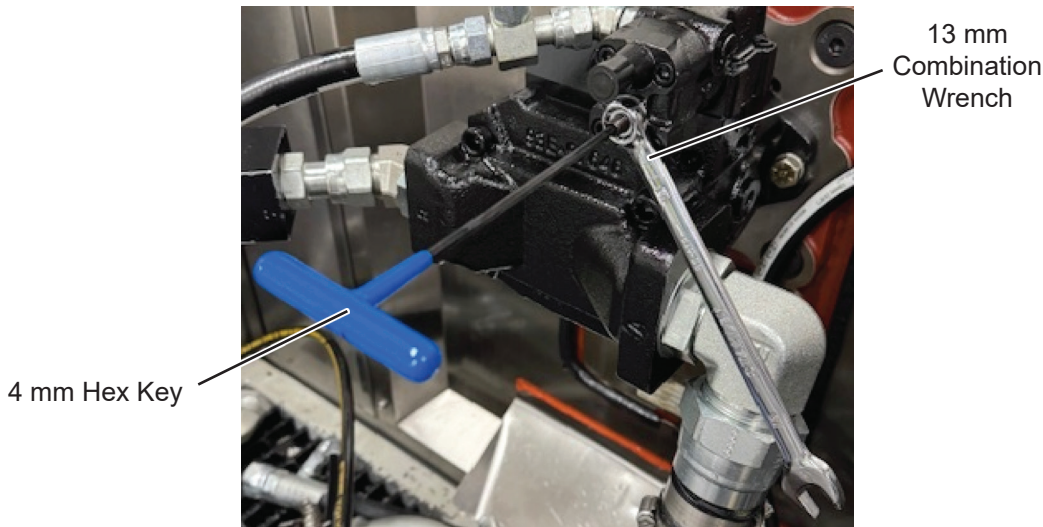


Figure 3 - Auxiliary Pump Pressure Adjustment

12. Apply torque inspection sealant to pump pressure compensator lower set screw jam nut to indicate the pressure adjustment has been completed.
13. Close and secure engine cover hatch.
14. Turn off the auxiliary function used to test the hydraulic pressure.
15. Turn off vehicle.
16. Remove wheel chocks.

### Continuous Improvement:

The change included in this document is part of the McNeilus Continuous Improvement Process.

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