

Steering Pump Priming Procedure

Date: September 22, 2020
Bulletin Name: FDM-TSIB-015
Model: Oshkosh S-Series
Units Affected: Model Year 2020 and newer

Purpose:

This bulletin provides instruction on how to correctly prime the hydraulic steering pump. Use this procedure any time the hydraulic steering pump is replaced.

Notice:

- This bulletin should be read and understood 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.

Contacts:

If you have questions or need further information, please contact S-Series Service Support at 888-686-7278

WARNING

Hydraulic systems are hot. **DO NOT TOUCH!** Serious personal injury may result from hot oil. When you have completed working on the hydraulic systems, thoroughly clean any spilled oil from the equipment. Do not spill any hydraulic fluids on the ground. Clean any hydraulic fluids from your skin as soon as you have completed your maintenance and repairs. Dispose of used oil and filters as required by law.

WARNING

Hydraulic systems operate under high pressure—only experienced persons should attempt repairs or troubleshooting on hydraulic systems.

Tools Required:

Customer to supply:

- 15/16" wrench
- Hydraulic reservoir pressure cap
- Air supply
- Hydraulic oil

Procedure:

NOTE

Do not allow the hydraulic reservoir fluid level to drop significantly as this may introduce additional air into the system.

1. Place the truck on a flat surface and make sure the vehicle's parking brake is applied.
2. Block the truck's tires.
3. Check the hydraulic reservoir oil level, see Figure 1. Add hydraulic oil as required to bring the level to the MAX level mark.

4. Fill the case of the new pump with new hydraulic oil.
5. Remove fill cap from the hydraulic reservoir and install pressure cap. Pressurize the hydraulic reservoir to 5 PSI.
6. Open the steering pump outlet fitting a quarter turn and wait until hydraulic oil starts to seep from the fitting. Tighten fitting when hydraulic oil is present. See Figure 1.

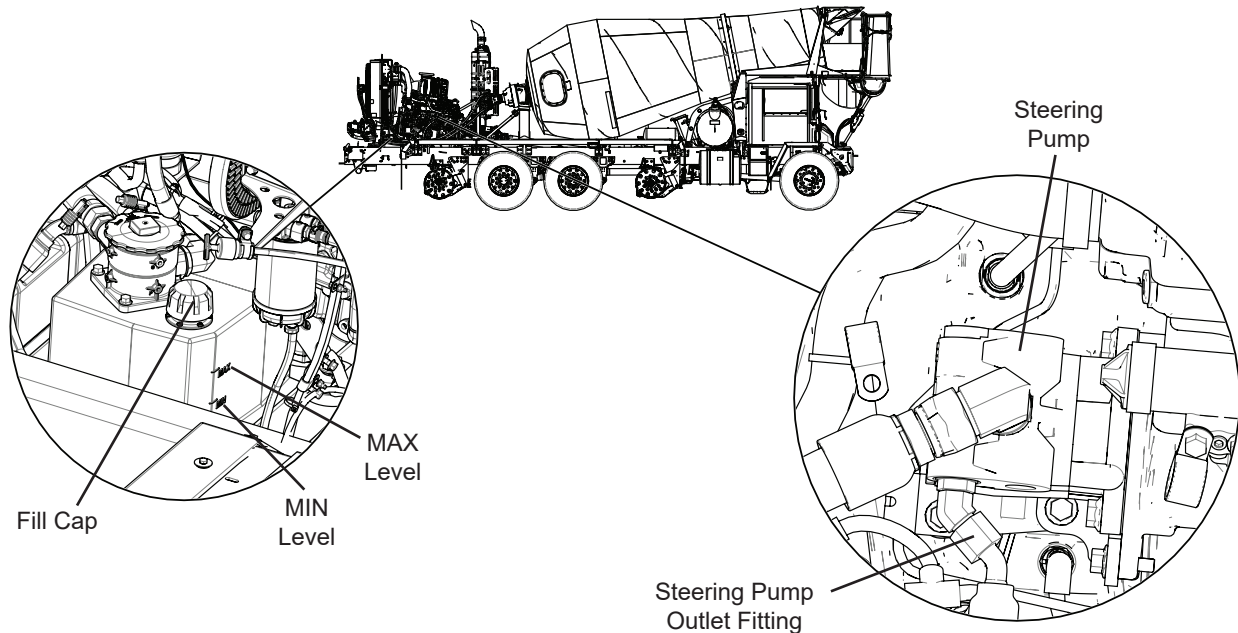


Figure 1 - Steering Pump Location

7. Start the truck.

NOTE

Make sure the hydraulic reservoir oil level does not drop below the MIN level while operating the vehicle's hydraulic circuits.

8. Operate all truck hydraulic circuits (i.e. chute, water tank pump, mixer drum drive).
9. Remove the pressure cap from the hydraulic reservoir and add new hydraulic oil as required to bring the reservoir level to the MAX mark.
10. Reinstall the original hydraulic reservoir cap.
11. Turn the vehicle's engine off.
12. Remove blocks from the truck's tires.
13. Visit www.streetsmartparts.com and download a copy of FDM-TSB-013. Use this procedure to bleed any air from the vehicle's steering system.

Continuous Improvement:

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

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