



S-Series™

2.0 Auxiliary Pump Pressure Spikes

Date: April 16, 2025
Bulletin Name: FDM-IB-008
Model: Oshkosh S-Series 2.0
Units Affected: SN 815246 - 831018

Purpose:

This bulletin provides instructions for installing a longer hydraulic hose between the auxiliary pump and the hydraulic manifold load sense port, and a straight fitting to the hydraulic manifold load sense port to reduce pressure spikes.

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.

WARNING
Hydraulic systems are hot. DO NOT TOUCH! Serious personal injury may result from hot oil.

WARNING
Never remove hydraulic pipes/tubing, fittings, or adapters until all pressure has been relieved from the hydraulic system.

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.

WARNING
All hydraulic pressure must be relieved from the hydraulic system prior to removing any components from the system to prevent oil from spraying or functions and systems from failing.

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

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

Tools and Equipment Required

Customer to supply:

- Hand tools
- Torque wrench (ft. lbs.)

Parts Required

Item	Part Number	Description	Qty.
1	A001P053	FTG, ST 6JIC - 6JIC MF ST RES, SVC	1
2	A001P054	HOSE ASSY #6 CR 78.0 3095, SVC	1
3	A000C018	CABLE TIE 6.30 X 0.200	2

Procedure:

Lockout/Tagout

1. Park vehicle on a flat level surface, block truck tires, and 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.
2. The vehicle's BATTERY DISCONNECT switch is located on the left-hand side of the battery box. Use the battery disconnect switch when performing any maintenance so the vehicle cannot accidentally be started.
 - a. Turn the battery disconnect switch (Figure A, Item 1) counterclockwise so the hole on the switch aligns with the hole in the bracket (Figure A, Item 2).
 - b. Install the safety lockout device ring (Figure B, Item 1) through the holes on the battery disconnect switch and the bracket.
 - c. Install a padlock (Figure B, Item 2) onto the safety lockout device ring, lock it, and put the key in your pocket. If more than one person is working on the vehicle, each person must install his or her own padlock.

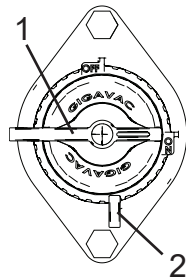


Figure A

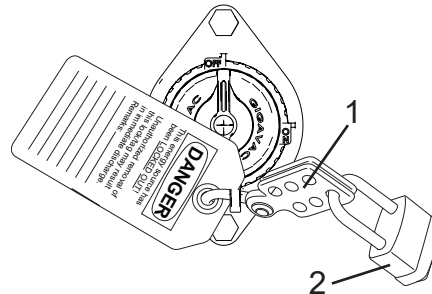


Figure B

Hose Removal

3. Open engine cover hatch
4. Locate auxiliary pump and hydraulic manifold. See Figure 1.
5. Disconnect and remove 26 inch hydraulic hose (#3095) from auxiliary pump and hydraulic manifold fittings. See Figure 1. Hydraulic hose will not be reused.

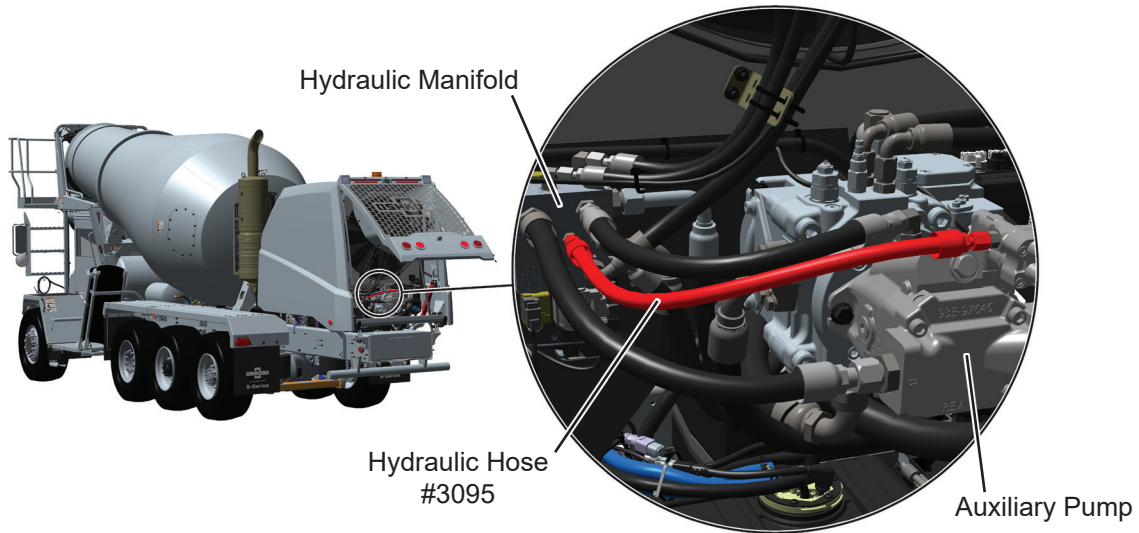


Figure 1 - Hydraulic Hose Removal

6. Install straight fitting (A001P053) on hydraulic manifold where hydraulic hose was disconnected in Step 5. See Figure 2. Final tighten straight fitting to 21 ft lbs.

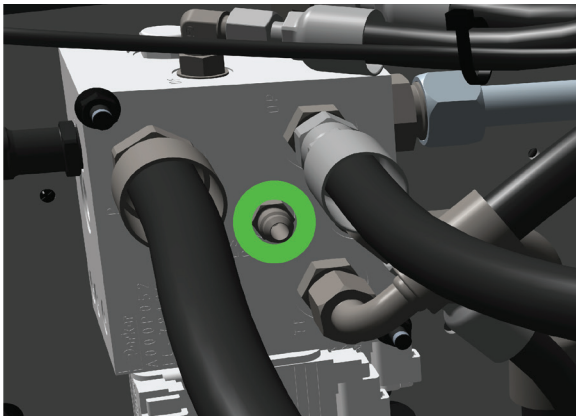


Figure 2 - Hydraulic Manifold

7. Connect one end of new hose (A001P054) to fitting installed in Step 6. See Figure 3. Final tighten hose end to 21 ft. lbs.
8. Make counterclockwise loops in new hose (A001P054) and connect other end of hose to fitting on auxiliary pump where hose was disconnected in Step 5. See Figure 3. Final tighten hose end to 21 ft. lbs.
9. Secure loops in hose (A001P054) to auxiliary pump hose #3010 and #3012 with cable ties (A000C018). See Figure 3. Make sure hose does not rub on anything when cable ties are final tightened.

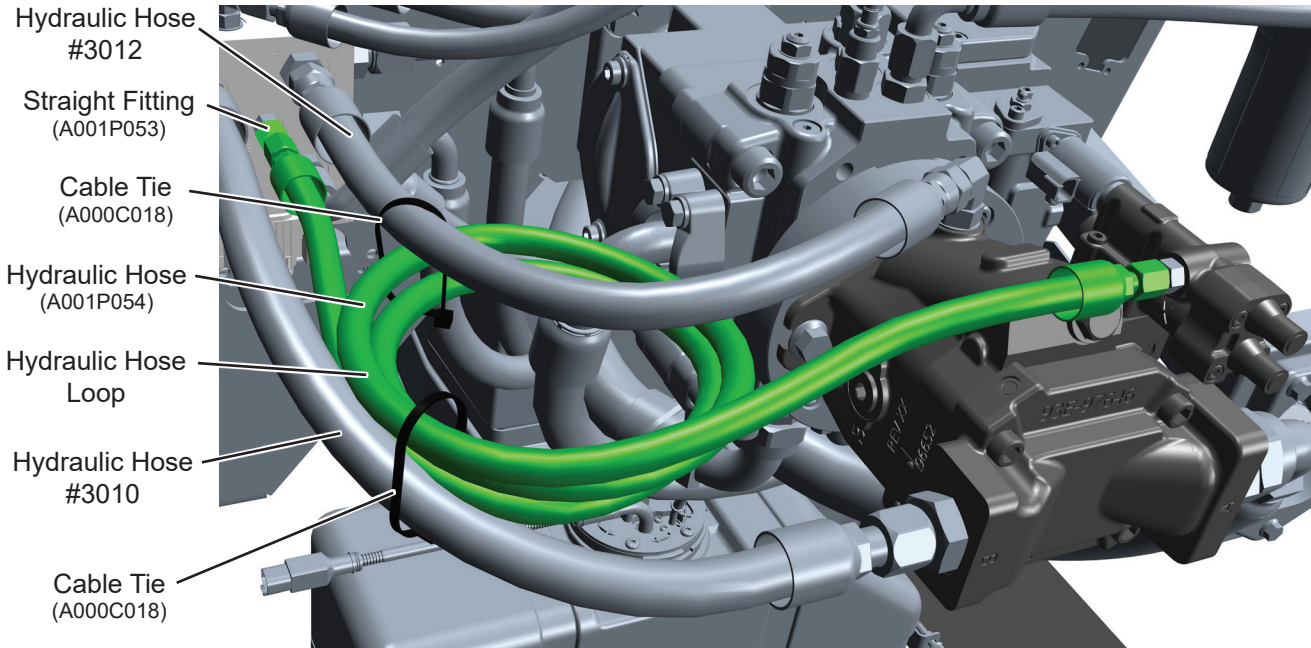


Figure 3 - Hydraulic Hose Installation

10. Close and secure engine cover hatch.
11. Remove lockout/tag and wheel chocks.

Continuous Improvement:

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

McNeilus's quality policy is providing customer satisfaction through innovative products, dedicated service, and a constant focus on continuous improvement.

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