



S-Series™

2.0 Auxiliary Pump Pressure Spikes

Date: August 18, 2025
Bulletin Name: FDM-TSB-005
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. Refer to the product service manual for descriptions of maintenance procedures.

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

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

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

## Tools and Equipment Required

Customer to supply:

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

## Parts Required

Item	Part Number	Description	Qty.
<b>Vehicle Serial Number 815246 - 827788</b>			
1	1533480	FTG, ST 6JIC-40RG MM ST	2
2	A001P053	FTG, ST 6JIC - 6JIC MF ST RES, SVC	1
3	A001P054	HOSE ASSY #6 CR 78.0 3095, SVC	1
4	A000C018	CABLE TIE 6.30 X 0.200	2
<b>Vehicle Serial Number 827789 - 831018</b>			
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.

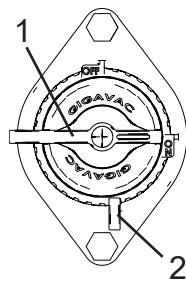


Figure A

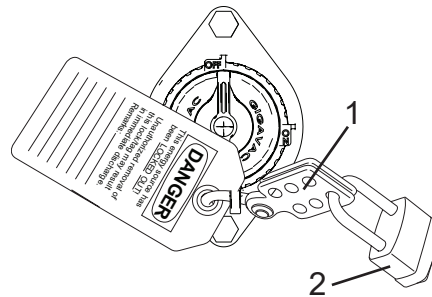


Figure B

### 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.

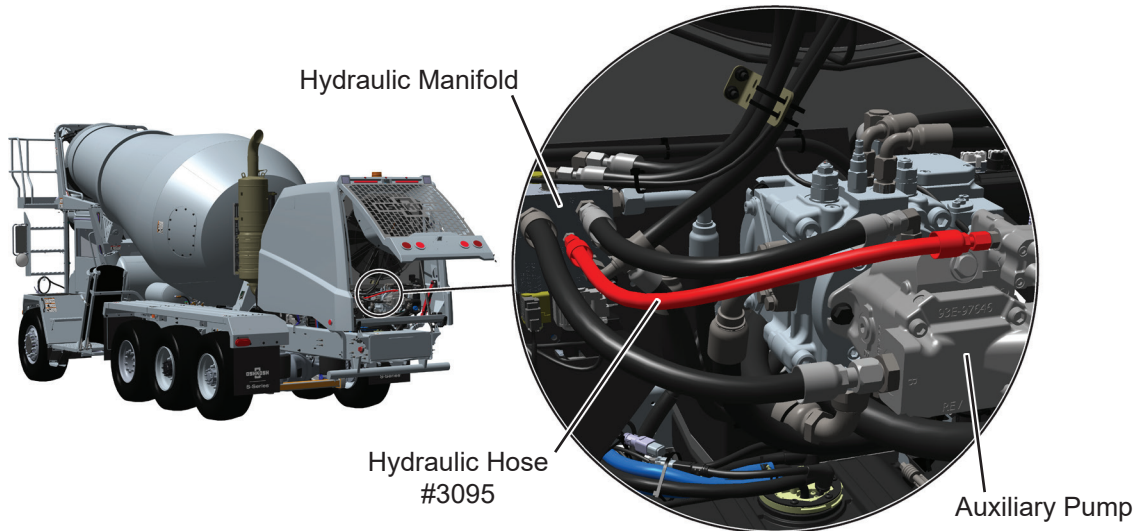


Figure 1 - Hydraulic Hose Removal

### Fitting(s) Installation

#### Vehicle Serial Number 815246 - 827788

6. Loosen and remove straight fittings from hydraulic manifold and auxiliary pump where hydraulic hose (#3095) was connected. See Figure 2. Fittings will not be reused.
7. Install straight fittings (1533480) in hydraulic manifold and auxiliary pump where fittings were removed in Step 6. See Figure 2. Final tighten pump straight fitting to 23 ft. lbs. and hydraulic manifold straight fitting to 15 ft. lbs.
8. Install orifice fitting (A001P053) in hydraulic manifold straight fitting. See Figure 2. Use a backing wrench to hold straight fitting and final tighten orifice fitting to 21 ft. lbs.
9. Go to Step 11.

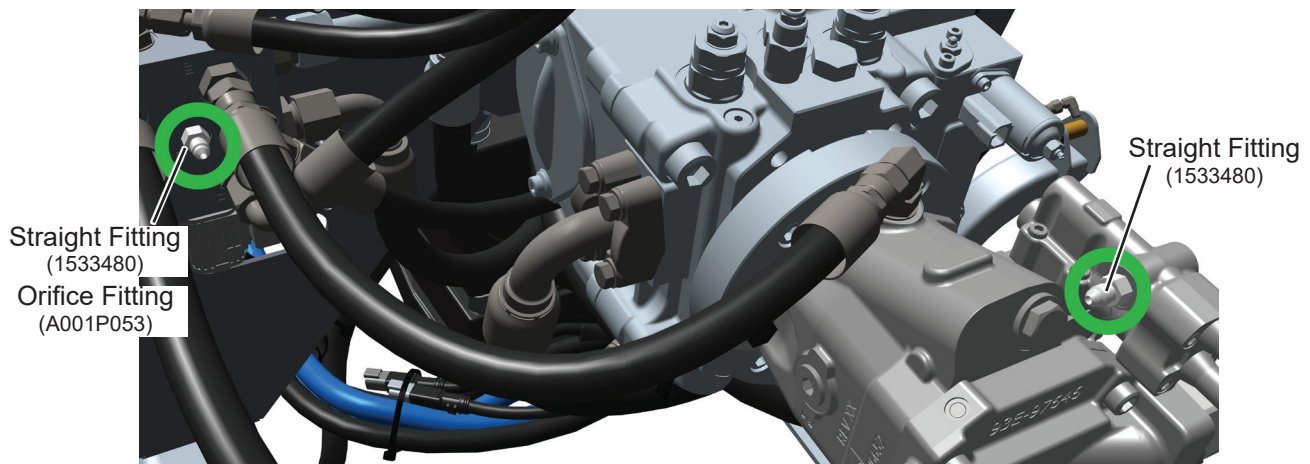
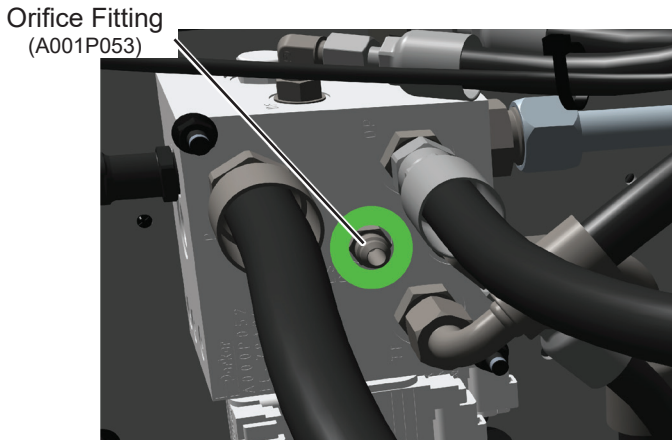


Figure 2 - Hydraulic Manifold and Auxiliary Pump Fittings

**Vehicle Serial Number 827789 - 831018**

10. Install orifice fitting (A001P053) on hydraulic manifold where hydraulic hose was disconnected in Step 5. See Figure 3. Final tighten orifice fitting to 15 ft lbs.



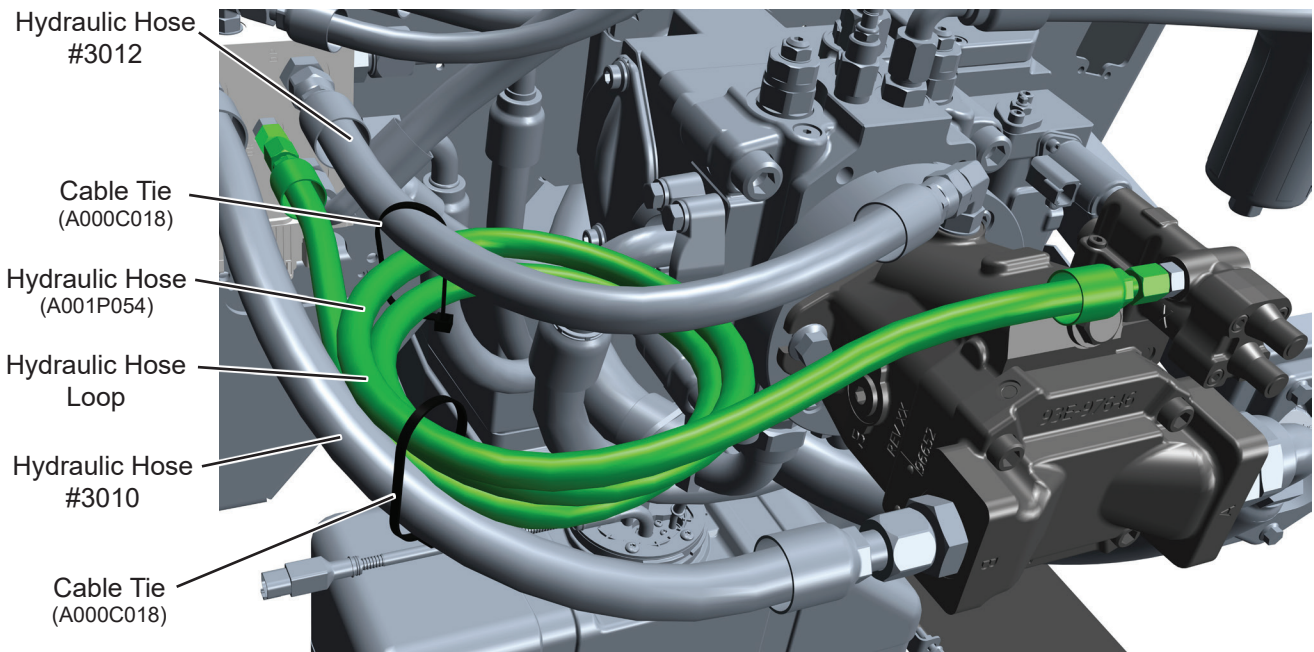
*Figure 3 - Hydraulic Manifold*

**Hose Installation**

11. Connect one end of new hose (A001P054) to hydraulic manifold fitting. See Figure 4. Final tighten hose end to 21 ft. lbs.

12. 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 4. Final tighten hose end to 21 ft. lbs.

13. Secure loops in hose (A001P054) to auxiliary pump hose #3010 and #3012 with cable ties (A000C018). See Figure 4. Make sure hose does not rub on anything when cable ties are final tightened.



*Figure 4 - Hydraulic Hose Installation*

14. Close and secure engine cover hatch.

15. Remove lockout/tag and wheel chocks.

16. Reference information bulletin FDM-IB-007 for information on checking and adjusting the auxiliary pump pressure setting.

## Reimbursement of Costs

Affected units shall be updated using the customer's own qualified service technicians.

## Parts Reimbursement

Parts and ground shipping will be reimbursed to the customer. Parts necessary for this repair must be ordered from McNeilus Parts at 888-686-7278.

Claims are to be submitted through the normal warranty claim system. Claims must be received within 30 days of the repair. Claims must include the serial number of the truck, the customer asset number, and this bulletin's number.

Customers that purchased and installed this kit prior to release of this campaign can submit for reimbursement. Claims must include the serial number of the truck, the customer asset number, and kit proof of purchase.

## Deadline

If required, this service update should be performed at the earliest opportunity. For parts reimbursement, a warranty claim form with proof of component installation must be submitted by **December 31, 2026**.

## Contacts

If you have questions or need further information, please contact a McNeilus National Service Representative at 888-686-7278.

## 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.*

***McNeilus***<sup>®</sup>

**(888) 686-7278**

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