

Vehicle Safety Recall - Technical Service Bulletin

PROMPT ACTION REQUIRED

Attention: McNeilus Product Owner
Subject: Hydraulic Pressure Test Port Tube
Models Affected: Front End Loader Refuse Trucks
Date: December 2015

Purpose:

McNeilus Truck and Manufacturing, Inc. has identified an optional hydraulic test port tube found on certain Front End Loader refuse trucks that can break. The optional test port tube provides a convenient way to check hydraulic pressure or take hydraulic samples. Due to a lack of significant clamping for the tube, the tube may vibrate excessively, and over time the tube may fatigue and fail at the ferrule. If the tube fails at the flare, the tube can break loose from the valve. This can allow pressurized hydraulic fluid inside the system to spray onto nearby hot exhaust and turbo components. The high temperature of the exhaust and turbo components can cause the hydraulic fluid to ignite and start a fire. A fire can cause vehicle and property damage as well as personal injury.

Affected Vehicles:

The affected vehicle population is McNeilus Front End Loader refuse trucks shipped between March 2, 2012 and October 14, 2015. The recall population consists of units built with this optional hydraulic test port tube. Please refer to the attached VIN list of affected vehicles.

Time Completion:

The time of accomplishment may vary due to a number of factors; however, the estimated time for completion of the procedure is 1.0 hour under normal circumstances.

Required Action:

Review and verify your ownership of all affected serial numbers of McNeilus Front End Loader refuse trucks. If McNeilus records indicate that you are the owner of one or more affected units, a Serial Number List is enclosed. Please be reminded that it is a violation of Federal law for you to sell or lease the vehicles covered by this notification until this recall has been performed on these vehicles. Substantial civil penalties apply to violations of this law.

Reimbursement of Costs:

Affected units shall be repaired using the customer's own qualified service technicians - at no cost to the owner. The repairs should take approximately 1.0 hour.

Labor Reimbursement:

In order to receive credit, 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 McNeilus serial number of the truck, the customer asset number, and the number of this bulletin.

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 McNeilus serial number of the truck, the customer asset number, and this bulletin's number.

Contacts:

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

Enclosures:

Hydraulic Pressure Test Port Tube Removal Procedure
VIN List of Affected Vehicles

PROCEDURE: Hydraulic Pressure Test Port Tube Removal

Tools and Equipment Required (Customer to supply own):

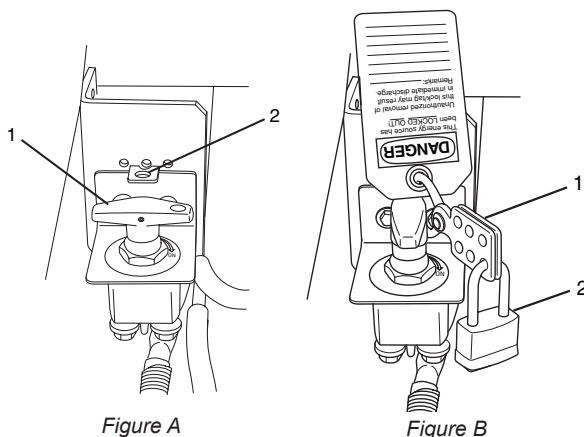
- 11/16" wrench
- 7/16" wrench
- Torque wrench
- Hydraulic oil collection basin
- Clean shop rag

Parts Required (provided by McNeilus):

Item	Part Number	Description	Qty.
1	1260592	#6 JIC Cap	1

Procedure A: Preparation

1. Place unit on a flat surface, block truck tires, and observe all conditions of the Safety Notice concerning Lockout/Tagout posted in this bulletin.
2. Battery Disconnect Switch
If your Packer is equipped with a BATTERY DISCONNECT switch, it is located near the battery box. Use the battery disconnect switch when performing any maintenance so the vehicle cannot accidentally be started.
 1. 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).
 2. Install the safety lockout device ring (Figure B, Item 1) through the holes on the battery disconnect switch and the bracket.
 3. 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.



SAFETY NOTICE

Before entering Packer body or performing maintenance to the Packer, read and follow OSHA Regulations concerning entry and working in "CONFINED SPACE" OSHA 1910.146 and "LOCKOUT/TAGOUT" OSHA 1910.147.

Follow OSHA Regulations while performing any work to the Packer.

Follow all safety instructions in your McNeilus Packer Manual.

Shut off truck engine, lock cab doors, and keep keys in your pocket before entering body or performing any work to the Packer.

Place magnetic "DANGER" signs on both cab doors. Failure to do so can result in serious personal injury or death.

If you have any questions regarding this notice or require further assistance, call McNeilus at 888-686-7278.

Battery Cable Disconnect

If the Packer is not equipped with a battery disconnect switch, disconnect the negative (black) battery cable first, then disconnect the positive (red) cable.

⚠ WARNING

For trucks without a battery disconnect switch, to prevent accidental vehicle start-up, which could cause death or serious injury, disconnect battery cables (negative cable first) before proceeding.

Disconnect negative (-) battery cable first. If positive (+) cable should contact ground with negative (-) cable connected, the resulting sparks can cause a battery explosion, which could result in death or serious injury.

Procedure B: Remove the hydraulic pressure test port tube

1. Locate the hydraulic pressure test port tube on the front of the body (Figure 1).

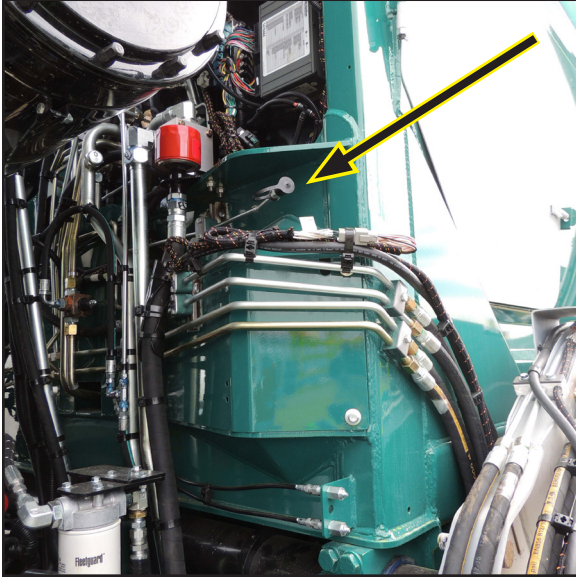


Figure 1: Locate the hydraulic pressure test port tube on the front of the body.

2. Use a 7/16" wrench to remove the bolts that secure the stauff clamp to the body (Figure 2). Discard the bolts and clamp.

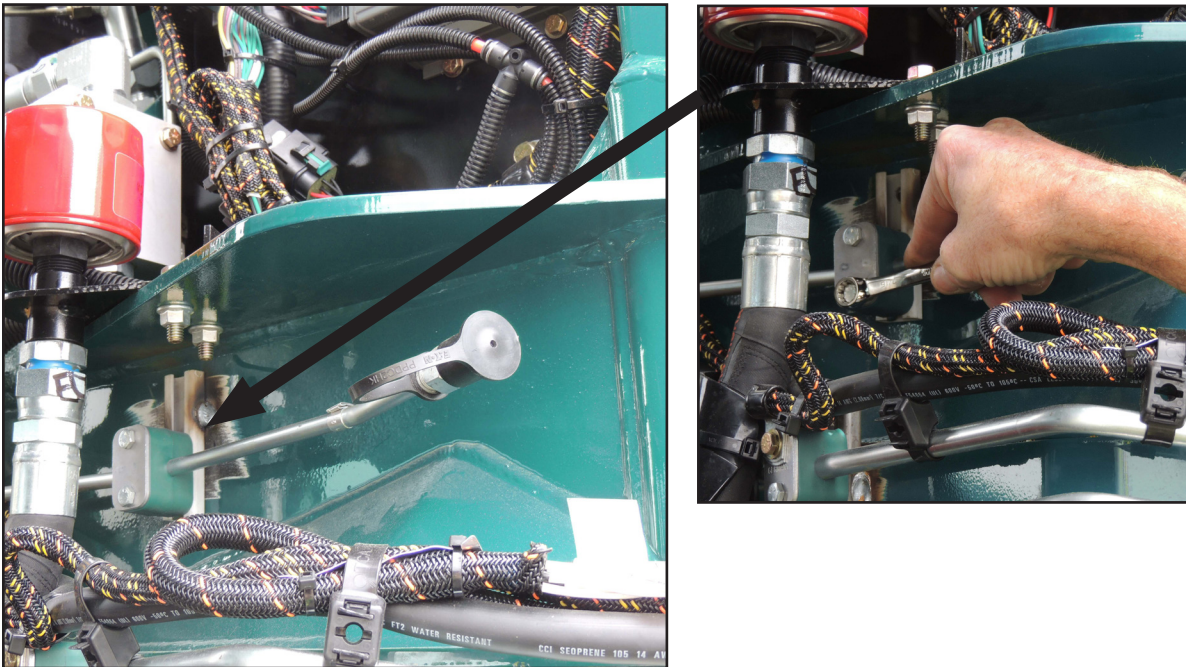


Figure 2: Remove and discard the stauff clamp.

3. Follow the tube back to where the inlet port is located on the front of the body (Figure 3).

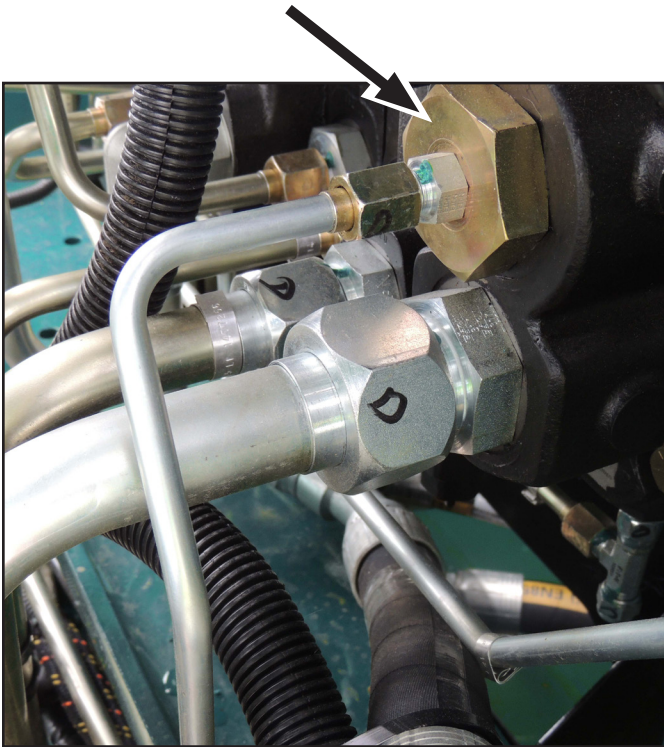


Figure 3: Follow the tube back to the inlet port on the front of the body.

4. Place the hydraulic oil collection basin under the port location to collect any hydraulic oil.
5. Use a 11/16" wrench to remove the test port tube from the inlet port (Figure 4). Discard the test port tube.
6. Clean the inlet port of any hydraulic oil with the shop rag.

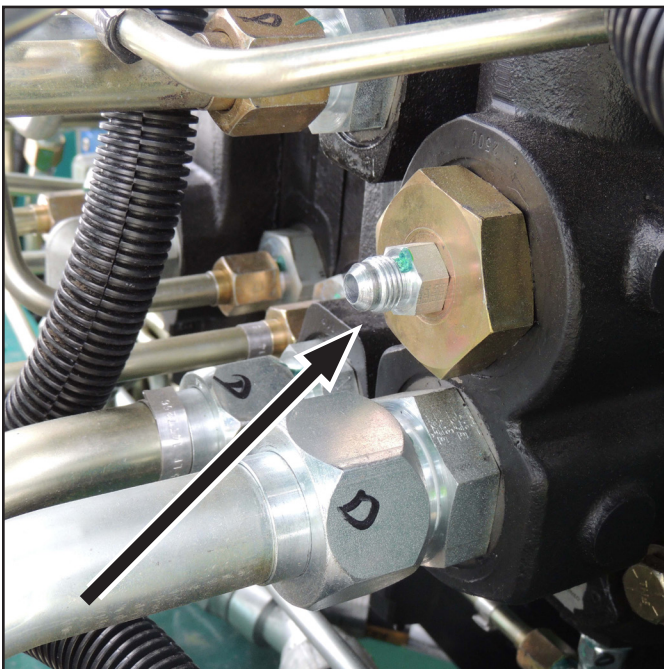


Figure 4: Remove the test port tube from the inlet port.

7. Use a 11/16" wrench to install the #6 JIC cap on the inlet port (Figure 5).
8. Use a torque wrench to torque to 19 ft-lbs.

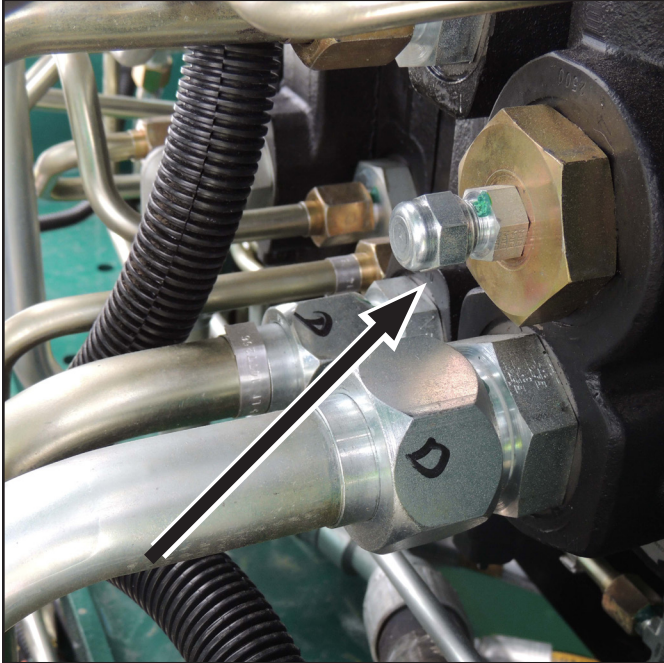


Figure 5: Install the #6 JIC cap on the inlet port.

9. Dispose of the hydraulic oil in the collection basin according to all applicable regulations.
10. The procedure is finished.
11. Remove the conditions of Lockout/Tagout, reconnect the battery, and return truck to service.

Continuous Improvement:

The change included in this bulletin is part of the McNeilus[®] Continuous Improvement Process.

McNeilus[®] Company's quality policy is Providing Customer Satisfaction through Innovative Products, Dedicated Service, and a constant focus on Continuous Improvement.

"The Customer is our Boss!"



(888) 686-7278

www.streetsmartparts.com