

Oil Cooler Cracking Due to Pressure - Hose Replacement

Tools Needed:

Hose (EDG Engine)-P/N 04.0605.1707

Hose (T4 Engine)-P/N: 04.0605.1706

Pipe Fitting-P/N: 04.0607.0179

Pipe Fitting-P/N: 04.0607.0196

32 mm Wrench

36 mm Wrench

41mm Wrench

50 mm Wrench

Model:

**GTH-5519 from serial number
GTH5515B-2365 to
GTH5516M-4499**

Genie
A TEREX BRAND

TECH-PROTM

SERVICE AND TECHNICAL TRAINING

TECH-TIP

Tech Tips Safety Rules



Danger

Failure to obey the instructions and safety rules in the appropriate Operator's Manual and Service Manual for your machine will result in death or serious injury. Many of the hazards identified in the operator's manual are also safety hazards when maintenance and repair procedures are performed.

Do Not Perform Maintenance Unless:

- You are trained and qualified to perform maintenance on this machine.
- You read, understand and obey:
 - manufacturer's instructions and safety rules
 - employer's safety rules and worksite regulations
 - applicable governmental regulations
- You have the appropriate tools, lifting equipment and a suitable workshop.

The information contained in this tech tip is a supplement to the service manual. Consult the appropriate service manual of your machine for safety rules and hazards.

TECH-TIP

Step 1

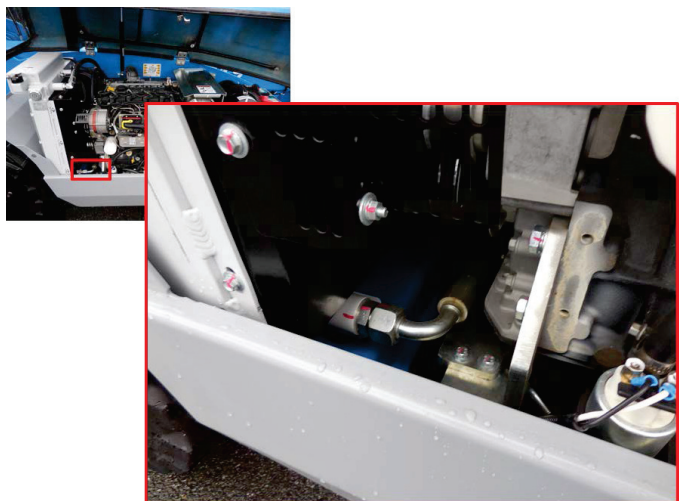
Ensure that the unit is turned off and tagged out to prevent start up.

Warning: The engine and associated components may be hot. Ensure that the machine is cool prior to performing work to prevent injury.

Note: Ensure proper containment is set up as oil will leak when the hose is disconnected.

Step 2

Locate the return line from the oil cooler. Ensure that the pressure has been bled off prior to continuing to the next steps.

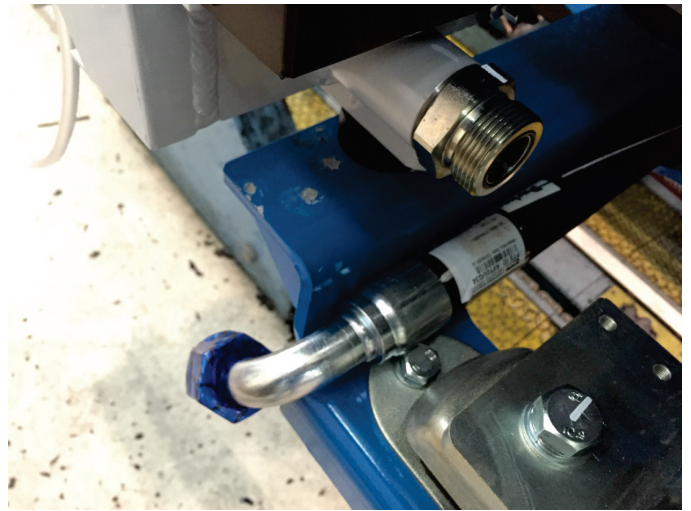


TECH-TIP

Step 3

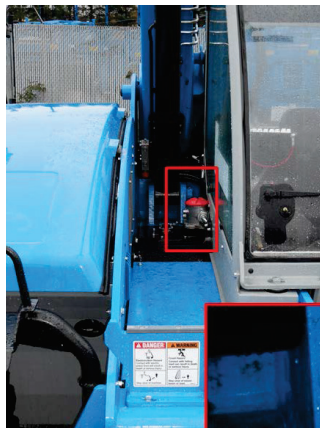
Using a 32 or 36 mm wrench, remove the return line from the oil cooler. Remove the old pipe fitting. Install P/N 04.0607.0196 into the oil cooler at the return line connection.

Note: Ensure proper containment is set up as oil will leak when the hose is disconnected.



Step 4

Locate the return line from the oil cooler connection at the filter housing.

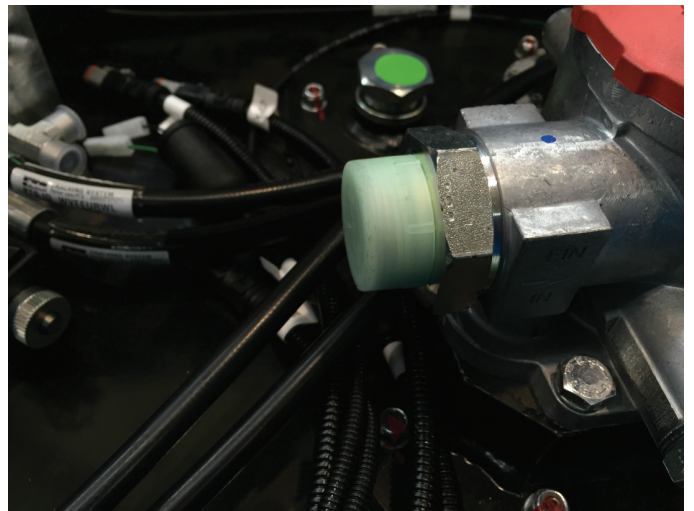


TECH-TIP

Step 5

Using a 32 or 36 mm wrench, remove the hose on the return side of the filter housing and the old pipe fitting. Install P/N 04.0607.0179 into the return side of the filter housing.

Note: Ensure proper containment is set up as oil will leak when the hose is disconnected.



Step 6

Remove the 3/4" hose and replace it with the new 1" hose, connecting the 45 degree fitting at the filter housing. Using a 41mm wrench, torque the fitting to the torque specified in the service manual.



TECH-TIP

Step 7

Connect the other end of the hose to the oil cooler. With a 41mm wrench, tighten the fitting to the torque specified in the service manual.



Step 8

Return the unit to service and inspect for leaks. Refill hydraulic reservoir with oil that was lost during the procedure.

