



Service Bulletin No. RT20060915
Subject: Nozzle Studs/Retaining Nuts
Models: MT-76D2/MT-86D2
Product Group: Rammers
Date: September 15, 2006

SERVICE BULLETIN

Group: RT

- Mandatory** **Information** **Recommended Change**

Series/Parts Affected:

Machines Affected:

MT-76D2 and MT-86D2 Diesel Rammers

- MT-76D2..... S/N P4644 AND BELOW**
MT-86D2..... S/N P1488 AND BELOW

SERVICE INFORMATION

CAUSE: The above referenced serial number diesel rammers may experience the following:

1. Breaking of fuel nozzle studs due to incorrect torquing.
2. Loosening of fuel nozzle bolts due to incorrect torquing.

SOLUTION:

1. Replace broken fuel nozzle studs if broken and re-torque retaining nuts to correct specification.
2. Re-torque fuel nozzle retaining nuts (if studs are not broken) to correct specification.

PARTS INFORMATION

Quantity	Part #	Description	Remarks
2	11471811910	Stud Bolt M6X65	
2	26366060002	Nut, M6	

INSTALLATION INSTRUCTIONS

WORK SAFELY!

Only a qualified service technician with proper training should perform this installation.

Required Tools/Materials

- Torque Wrench

Please make sure all parts are accounted for.

Safety Procedures

Perform the following before attempting installation:

1. Place the machine on level secure ground that is free of dirt and debris.
2. Wear safety glasses, steel toed boots and any other safety protection that might be required for the modification.

Nozzle Stud Bolt Replacement (If Required)

Perform the following:

1. Using vise grips, remove the broken nozzle stud bolts from the cylinder head.
2. Apply loctite to the cylinder end (Figure 3) of the nozzle stud bolts (P/N 11471811910) and insert them back into the cylinder head. Tighten securely.
3. Place the retainer nozzle over the two studs.
4. Thread (hand tighten) the two retaining nuts (P/N 26366060002) over the studs to keep the retainer nozzle in place (Figure 1). Remember to only hand-tighten the retaining nuts.
5. Using a 10 mm socket and torque wrench (Figure 2), torque the first nozzle retaining nut to 3 FT-LBS, torque the second retaining nut to 3 FT-LBS.
6. Next, set the torque wrench to 6 FT-LBS.
7. Torque the first nozzle retaining nut to 6 FT-LBS, then torque the second retaining nut to 6 FT-LBS.
8. Next, set the torque wrench to 8 FT-LBS.
9. Torque the first nozzle retaining nut to 8 FT-LBS, then torque the second retaining nut to 8 FT-LBS.

NOTE:

If the nozzle studs are not broken, re-torque the nozzle retaining nuts as specified in steps 4 through 9.

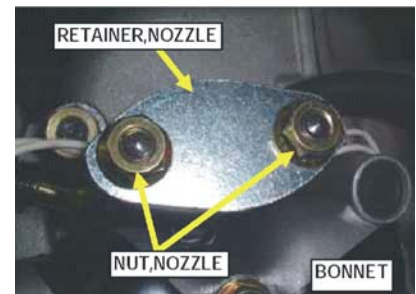


Figure 1. Retainer Nozzle



Figure 2. Torque Wrench

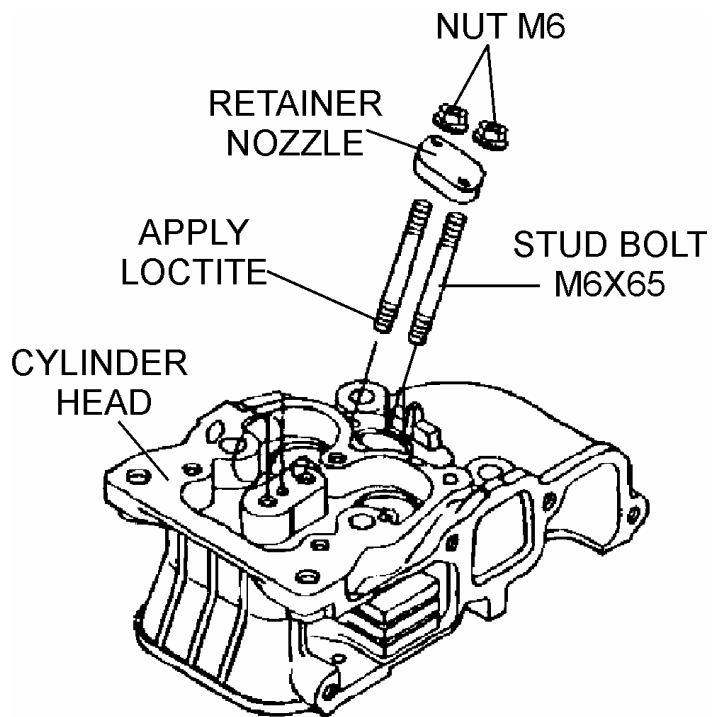


Figure 3. Cylinder Head

WARRANTY INFORMATION

Campaign Reference No. 20060915

Please contact Chris Fairchild or Wendy Sanchez @ 1-800-421-1244 for warranty claim number and warranty form.

Labor Allowance: Flat Rate to install – 30 minutes.