

Technical Service Bulletin

Bulletin No.: TSB-010

Date: March 5, 2015

Subject: OMB Automatic Valve Plunger Failure

Models: OMB Lyra Automatic Valves

Background

OMB Lyra automatic valves use a plunger and core assembly to control the flow of CNG through the valve.

Condition

The plunger and core are internal within the automatic valve. When these valves fail, customers may experience the following conditions:

- Unwanted valve closure
- Low fuel flow
- Valve frosting
- Fuel line closes with fuel remaining in the cylinder

Cause

In some cases, the soft parts on the plunger may wear depending on use and the quality of the fuel or the screw retaining the seal may loosen.

Correction

Replace the plunger and core assembly using Quantum PN 116503.

The valve must be in the closed position prior to servicing the valve. Follow the instructions provided by OMB attached to this bulletin.

Labor Time

Approximately 0.4 Hours

Parts Information

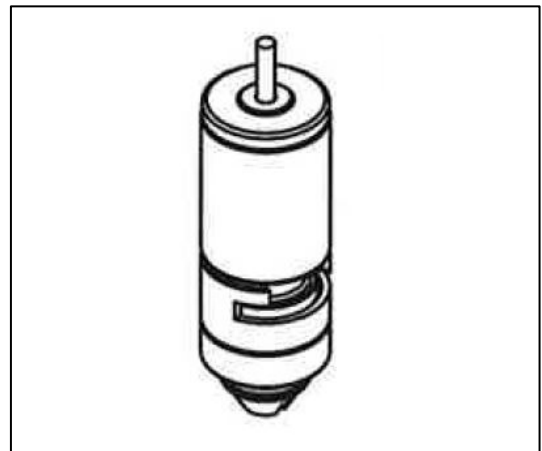
Plunger Assembly, OMB – Quantum PN 116503

Contact Information:

E-Mail: QTService@qtww.com

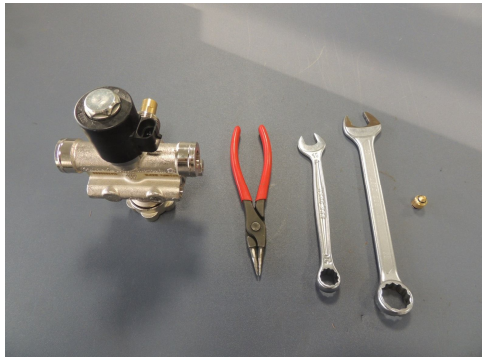
Phone: 800.816.8691

Fax: 949.930.3401





DISASSEMBLY INSTRUCTIONS FOR SOLENOID RE-WORK



TOOLS NEEDED:

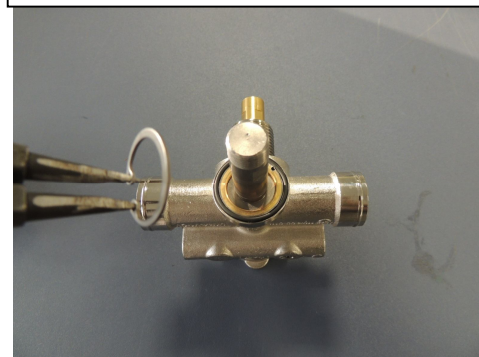
- 22mm WRENCH
- 14mm WRENCH
- SEEGER RING PLIERS



TAKE OUT THE COIL BEING CAREFULL NOT TO DROP THE COIL O-RING



UNSCREW THE COIL NUT WITH THE 22 mm WRENCH



DISMOUNT THE SEEGER RING USING THE PLIER



TAKE OUT THE COIL NUT BEING CAREFULL NOT TO DROP THE INTERNAL O-RING



UNSCREW THE SOLENOID TUBE USING THE 14 mm WRENCH

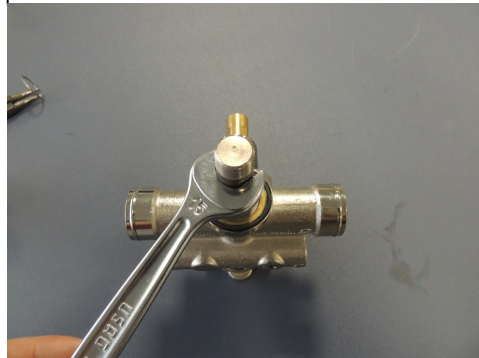
01

02

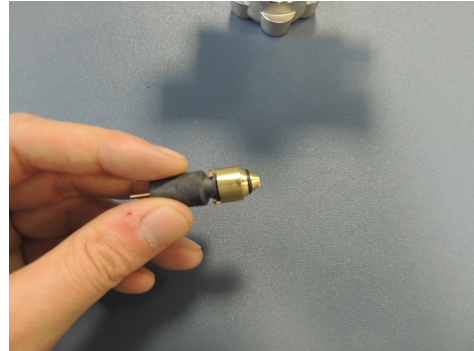
03



DISMOUNT THE SOLENOID TUBE
BY HAND BEING CAREFULL NOT
TO DROP THE INTERNAL PARTS



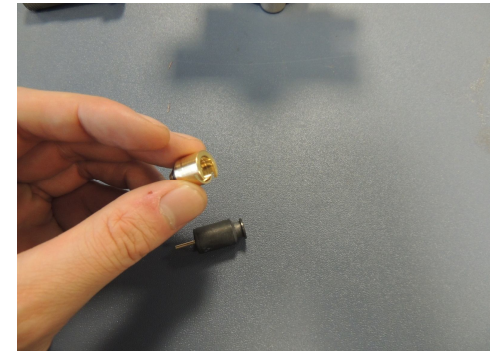
REASSEMBLE ALL THE PARTS:
SOLENOID TUBE @ 6 Nm +/- 1



TAKE OUT THE SOLENOID
INTERNAL PARTS



REASSEMBLE ALL THE PARTS:
COIL NUT @ 6 Nm +/-1



DISMOUNT THE PIVOT AND
REPLACE WITH THE NEW ONE

01

02

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