



Macro Technologies

Repair Instructions for LNG Female Quick Disconnect Vents with Repair Kit p/n 11175-2

REPAIR INSTRUCTIONS

Read all instructions thoroughly *before* repairing the Macro Technologies LNG Female QDV (part numbers: 11175, 13775, 13785). **Remove QDV from LNG dispenser before repairing.**

TOOLS AND PARTS (sold separately)

SOCKET TOOL #T-1948

REPAIR KIT #11175-2 INCLUDING PARTS:

Poppet Assembly

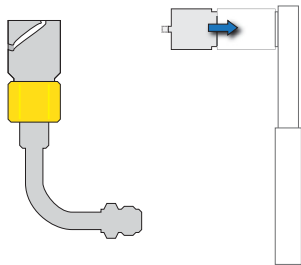
Seal

Seal Assembly

You will also need: a torque wrench with 1" socket, 1.5" wrench and open ended torque wrench with 1.5" capacity.

Replace Seal Assembly

Step 1A: Insert tool T-1948 into torque wrench.



counter-clockwise

Place wrench on flats of female housing.

Step 1B: Insert torque wrench and tool T-1948 into QDV Female Housing, making sure that the flat on tool T-1948 aligns with slots in QDV seal retainer. Turn torque wrench counter-clockwise to unscrew the seal retainer.

Step 1C: Remove QDV seal retainer and Seal Assembly.

Step 1D: Seat new Seal Assembly, open side down.

Step 1E: Replace seal retainer and tighten by turning clockwise and torquing to 150 in/lbs.

 Torque to 150 in/lbs clockwise

Replace Poppet Assembly and Seal

Step 2A: Remove brass nut using open ended wrench and turning clockwise.

 clockwise

Step 2B: Separate QDV Female Housing from QDV body.

Step 2C: Remove old Seal from QDV Female Housing and remove old Poppet Assembly from QDV body.

Step 2D: Seat new Poppet Assembly in QDV body and seat new Seal in QDV Female Housing.

Step 2E: Realign QDV Female Housing with QDV body, ensuring "Posilok" anti-rotation tangs on QDV Female Housing align with recessed grooves of QDV body.

Step 2F: Thread brass nut back onto QDV Female housing and body, turning the brass nut counter-clockwise with the torque wrench, torque to 35 ft/lbs.

 Torque to 35 ft/lbs counter-clockwise


For part drawings and more information please visit www.macrotechnologies.com or call us at +1 (336) 226-3244 for customer service and sales support

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