

SUBJECT: Coil Replacement Procedure (Inventory Parts)	EFFECTIVE DATE:	NUMBER:
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Process Instructions

Step 001

Place valve into Holding Fixture. Lock Valves into the fixture's clamp. The FRPCM Holding Fixture incorporates a coil alignment feature.

NOTE: Holding fixture should be held in a vise or bolted to a table.



FRPCM FIXTURE



SUPPLY & RETURN FIXTURE

Step 002

Remove coil nut from sleeve using Red torque wrench with 14mm socket by rotating counterclockwise.

IMPORTANT: If back-off torque exceeds the ability of the torque wrench, then set the part aside.



Step 003

Remove washer, nameplate (if applicable) and old coil from the sleeve.

IMPORTANT: Old coil is identified by no dot or a white dot on coil connector housing.



SLEEVE



OLD COIL
(NOTE NO DOT OR WHITE DOT)

Step 004

Torque sleeve by rotating Blue torque wrench clockwise. Full torque is achieved when wrench clicks.



Process Instructions

Step 005

Install replacement coil, modified nameplate (if applicable) and washer onto the sleeve. Screw on coil nut hand-tight (clockwise), allowing coil to still rotate freely.

IMPORTANT: Replacement coil is identified by yellow dot on coil connector housing.



REPLACEMENT COIL
(NOTE YELLOW DOT)

Step 006

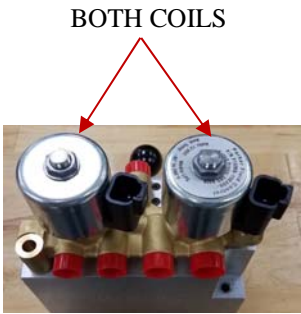
Place Coil Alignment Block on top of coil and rotate coil as needed to fit block (Supply and Return). For FRPCM push coils up against coil cut-out attached to clamp. Torque coil nut using Red torque wrench with 14mm socket by rotating clockwise. Full torque is achieved when wrench clicks.



Add picture of FRPCM Alignment Feature

Step 007

Coil replacement is complete on Supply and Return Valves. Repeat coil removal and replacement procedure on both FRPCM coils.



Replacement Parts			
Part	Quantity	Details	
Replacement Coil	1	Identified by yellow dot on connector	
Modified Nameplate	1		
Tools/Hardware			
Tool	Quantity	Provided	Details
Coil Alignment Block	2	Yes	Supply and Return
Red Coil Nut Torque Wrench with 14mm Socket	1	Yes	
Blue Sleeve Torque Wrench with Sleeve Spanner	1	Yes	
Valve fixtures and Clamps	2	Yes	FRPCM fixture includes coil alignment feature