

# MEG® II Armature Spring Kit



**WARNING:** Allow only qualified personnel to perform the following tasks. Follow the safety instructions in this document and all other related documentation.

## Replacing the Armature Spring

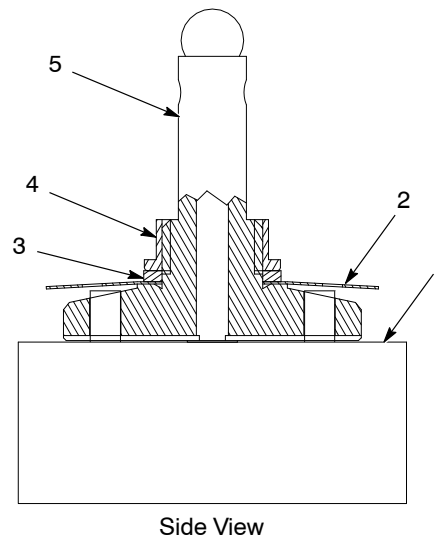
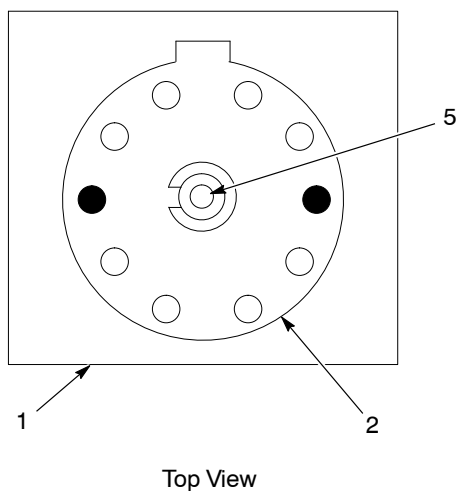
1. Remove the armature assembly from the spray gun.
2. See Figure 1. Place the armature assembly on the assembly tool (1). Align the holes in the armature assembly with the pins on the tool.
3. Use a small, adjustable wrench to loosen the bushing (4).
4. Remove the bushing, washer (3), and spring (2) from the armature (5).

**NOTE:** Clean the armature and the new spring and bushing with solvent before assembling them.

5. There is a slot at the base of the armature shaft. Position the armature on the assembly tool so that the slot is at the 9:00 position.
6. There are two locating tabs on the spring. Position the new spring on the armature so that the outer tab is at the 12:00 position and the inner tab is at the 9:00 position.
7. Place the new washer onto the armature shaft.
8. Apply the included threadlocking adhesive to the bushing threads.

**NOTE:** As you tighten the bushing, keep the holes in the spring aligned with the holes in the armature.

9. Thread the bushing onto the armature and tighten it to 2.25–2.4 N•m (20–21 in.-lb).
10. Five O-rings are included with the armature spring kit. Lubricate them with petroleum jelly and install them into the locations shown in Figure 2.
11. Install the armature assembly into the spray gun.



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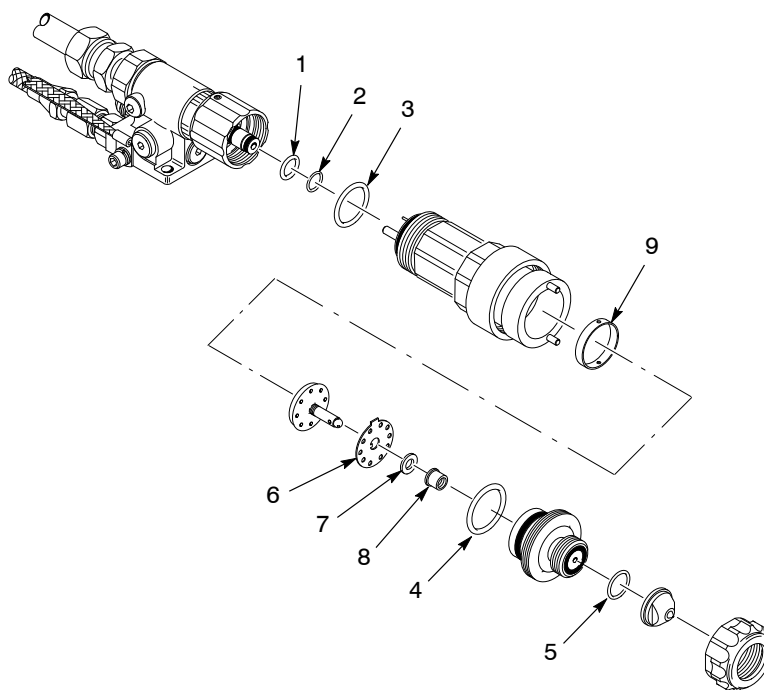
Figure 1 Replacing the Armature Spring

- |                           |            |             |
|---------------------------|------------|-------------|
| 1. Armature assembly tool | 3. Washer  | 5. Armature |
| 2. Spring                 | 4. Bushing |             |

## Parts

See Figure 2.

Item	Part	Description	Quantity	Note
—	1606337	KIT, spring, MEG II	1	
	1613313	KIT, spring, MEG II, FFKM	1	
1	340263	• O-RING, EPR, 0.188 x 0.312 x 0.063 in.	1	
	1614048	• O-RING, FFKM, 0.188 x 0.312 x 0.063 in.	1	
2	940077	• O-RING, EPR, 0.156 x 0.281 x 0.063 in.	1	
	1614051	• O-RING, FFKM, 0.156 x 0.281 x 0.063 in.	1	
3	940176	• O-RING, EPR, 0.688 x 0.813 x 0.063 in.	1	
	1614047	• O-RING, FFKM, 0.688 x 0.813 x 0.063 in.	1	
4	339047	• O-RING, EPR, 0.750 x 0.875 x 0.063 in.	1	
	1614046	• O-RING, FFKM, 0.750 x 0.875 x 0.063 in.	1	
5	945067	• O-RING, EPR, 0.375 x 0.500 x 0.063 in.	1	
	1614045	• O-RING, FFKM, 0.375 x 0.500 x 0.063 in.	1	
6	-----	• SPRING, flat, 0.0058	1	
7	-----	• WASHER, Delrin <sup>®</sup> , 0.254 x 0.344 x 0.028 in.	1	
8	-----	• BUSHING, armature, 1/4-28 thread	1	
9	-----	• SPACER	1	
NS	900200	• ADHESIVE, threadlocking	1	
NS	1046818	TOOL, armature assembly	1	A
NOTE A: See Figure 1, item 1. The armature assembly tool must be ordered separately.				
NS: Not Shown				



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Figure 2 Armature Spring Kit Parts

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