

ezSPC Manifold Filter Replacement Service Kit



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

Description

The ezSPC manifold utilizes a T-filter in the manifold body to filter particulate from the coating material in the system. If the system controller detects low fluid flow or pressure, the filter may be clogged or blocked and ready to be cleaned or replaced.

Removing the Filter



WARNING: Shut off the system pump or close the gun circuit and relieve the fluid pressure before cleaning or replacing the filter. Failure to relieve system pressure could result in serious injury.

See Figure 1.

1. Using an $\frac{1}{2}$ inch standard wrench or an adjustable wrench, unscrew the plug (4) on the front of the ezSPC manifold body (5). Some excess coating material may drip from the system.

NOTE: The filter (1) is held in place with a compression spring (2), which may still be compressed in the ezSPC manifold body (5).

2. Carefully remove the plug (4) from the manifold. Note the orientation of the filter (1) within the ezSPC manifold body.
3. Set the plug (4) aside for reuse. Set aside the compression spring (2) and filter (1) for ultrasonic cleaning or replacement.
4. Remove the O-ring (3) from the plug (4).

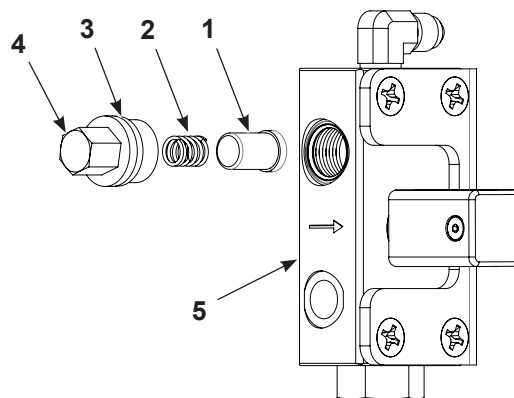


Figure 1 ezSPC Filter Removal

NOTE: For clarity, some parts are not shown.

Installing the Filter Replacement Kit

See Figure 1.

- 1. Install the new O-ring (3) onto the plug (4) from the service kit. Lightly coat the new O-ring in Parker® O-ring lubricant.
- 2. Set the new or cleaned compression spring (2) inside the plug (4). Place the new or cleaned filter (1) on top of the compression spring.
- 3. Place the loaded plug (4) into the ezSPC manifold body (5).



CAUTION: Do not overtighten the plug. Overtorquing the plug may result in damage to the O-ring.

- 4. Using a 1/2 standard wrench or adjustable wrench, tighten the plug (4) until it is snug in the ezSPC manifold body (5).

Parts

See Figure 2.

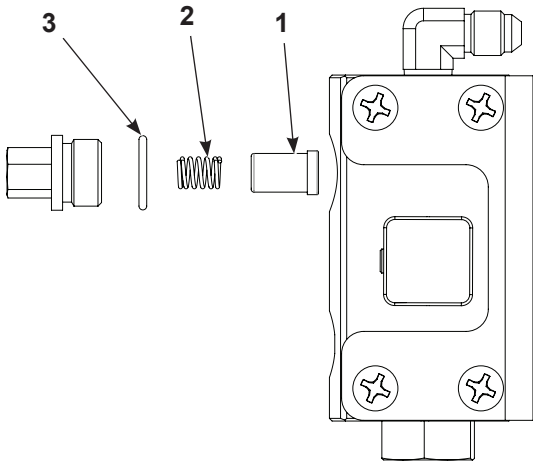


Figure 2 ezSPC Filter Service Kit

Item	Part	Description	Quantity	Note
—	1620636	SERVICE KIT, filter, ezSPC, 140 micron	—	A
1	179498	• FILTER	1	
2	-----	• SPRING, comp, 0.36 OD X 0.041 width, 0.50 length, stainless	1	
3	945027	• O RING, Viton™, 1/2 in. tube	1	
NS	1612251	LUBRICANT, O-ring, Parker®	AR	
NOTE: A. The 140 micron service kit is standard. Order part number 1620637 for the optional 230 micron filter service kit.				
AR: As Required				
NS: Not Shown				

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