

Pressure Control Spring for the DP and SDP Pilot Operated Pressure Reducing Valves Fitting Instructions

Warning

For the full Installation and Maintenance Instructions, inclusive of safety information, see the relevant documents supplied with the product and listed below:

| Valve type | IM reference |
|-----------------------|--------------|
| DP17, DP17E and DP17R | IM-P100-05 |
| DP17T and DP17TE | IM-P101-04 |
| DP27 | IM-P470-03 |
| DP143 and DP163 | IM-P006-07 |
| SDP143 | IM-P004-05 |

Note:

Installation and Maintenance Instructions are available separately from Spirax Sarco.

Fitting instructions

It is not necessary to isolate the valve in order to change the spring.

1. Release the lock-nut.
2. Turn adjustment screw anticlockwise. Ensure there is no compression on the pressure adjustment spring.
3. **For the DP17, DP143, DP163 and SDP143:**
- Slide out 'C' washer.
4. Remove cover.
5. **For the DP17, DP143, DP163 and SDP143:**
- Remove pressure adjustment spring and top plate.

For the DP27:

- Undo the 4 off spring housing securing nuts and remove the spring housing.
 - Remove the pressure adjustment spring and the top spring plate.
6. Reassemble in reverse order. **Note:** When fitting the variable rate conical pressure adjustment spring the new spring top plate and longer adjustment screw supplied should also be fitted.

DP17, DP143, DP163 and SDP143

