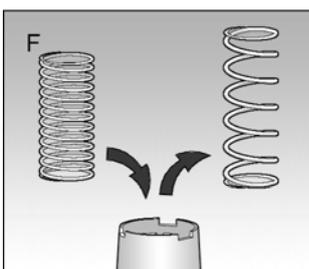
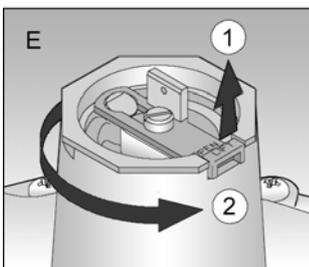
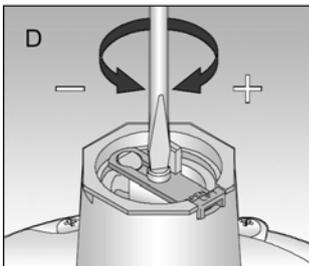
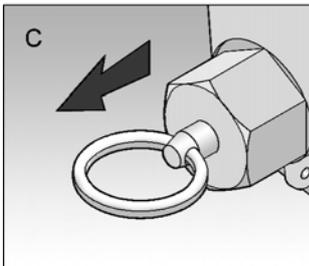
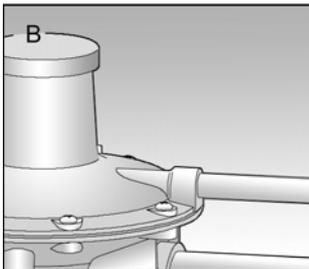
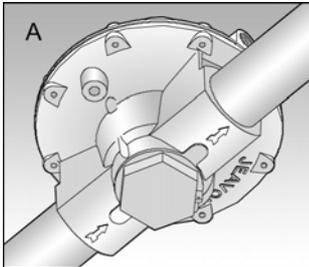


J120

Commissioning Instructions



OPERATING INSTRUCTIONS

- Ensure that this product is suitable for the chosen application.
- Installation, adjustment and maintenance by authorised, trained personnel only.
- When being fitted to an appliance, refer to the appliance manufacturers instructions.

Warning! Incorrect installation, adjustment, modification, operation and maintenance may cause injury or damage.
Read the instructions before use. This control must be installed in accordance with the rules in force.

FITTING REGULATOR INTO PIPEWORK (A)

1. Remove the plastic protection plugs from inlet and outlet (and breather if applicable).
2. Ensure that installation pipework is thoroughly clean.
3. The direction of gas flow must be the same as the arrow(s) on the regulator body.
4. Install the regulator into pipework using a jointing compound approved to national standards.

INSTALLATION OF VENT LINE (B) IF required

1. Remove the plastic protection plug.
2. Connect the vent line (Rc1/4 connection), using a jointing compound approved to national standards, and lead to atmosphere in accordance with national standards. Ensure that no water can penetrate vent pipeline.

ESTABLISHING FLOW (C)

1. Turn off downstream valves.
2. Slowly turn on inlet supply.
3. Equalize pressure across valve. If automatic reset valve is fitted this is done shortly after inlet pressure established. If manual reset valve fitted, pull ring on reset until pressures equalized and valve opens.
4. Commission downstream appliance(s).

IF THE CUT-OFF PRESSURE HAS NOT BEEN PRE-SET (D)

1. Turn off downstream valves.
2. Remove the top cap.
3. Insert a flat bladed screwdriver into the slot in the end of the spring adjusting screw.
4. Turn anticlockwise to reduce pressure on the loading spring.
5. Slowly turn on inlet supply and adjust to normal operating pressure.
6. Equalize pressure across valve as in (11) above.
7. Commission downstream appliance(s).
8. Reduce inlet pressure to the required cut-off pressure (measured near to outlet).
9. Slowly increase loading on the spring by turning the spring adjusting screw clockwise until the valve closes and flow stops.
10. To check setting return inlet pressure to normal operating pressure.
11. Turn off downstream valves.
12. Equalize pressure across valve as in (11) above.
13. Commission downstream appliance(s).
14. Slowly reduce inlet pressure and notice pressure reading when valve operates and flow is cut-off.
15. If required repeat steps 15 to 22 until correct cut-off pressure is achieved.
16. To establish normal flow repeat steps 22 to 25.
17. Replace the top cap (and seal if necessary).

IF THE REQUIRED CUT OFF PRESSURE CANNOT BE ACHIEVED WITH THE SPRING FITTED. (E) & (F).

1. Choose a loading spring from the catalogue that will give the required cut-off pressure range.
2. Turn spring adjusting screw anticlockwise (to reduce loading on spring).
3. Carefully lift protruding end of locking lever just clear of adjusting bush (1), whilst in this position turn (octagon shaped) adjusting bush assembly anticlockwise until disengaged (2). The adjusting bush assembly can then be removed from the top cover.
4. Remove the loading spring.
5. Insert the new spring - take the label from the spares kit bag and stick it below the nameplate of the cut-off valve.
6. Screw top spring holder anticlockwise to within 10mm of underside of adjusting bush.
7. Position underside of top spring holder on to loading spring.
8. Align slots in top spring holder with splines in top cover and push adjusting bush assembly into top cover as far as possible.
9. Turn adjusting bush assembly clockwise until locking lever snaps into any of the three locking castellations in the top cover.
10. Adjust the cut-off pressure, as described above, until the required setting is found.
11. Replace the top cap (and seal if necessary).

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