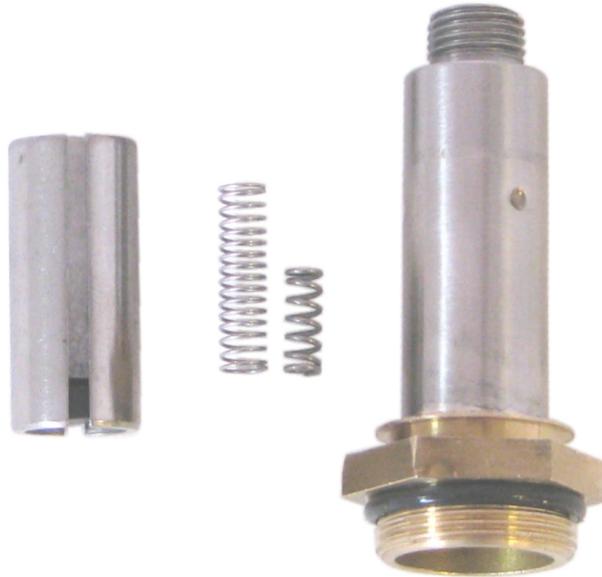


# DIRECT ACTING VALVE SERVICE KIT

## Solenoid Valves



03/12

### GENERAL OPERATION

A direct acting valve is a very versatile product. Its simplicity and quick open/close time make it ideally suited for numerous applications.

Because of its large connection and voltage range it can be applied in almost every compressed air system.

## **SAFETY INSTRUCTIONS**

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### **SAFETY AND PROPER USAGE**

To ensure safe and enduring performance of this product, you must comply strictly with the instructions enclosed herein. Non-compliance with instructions or improper handling of the product will void your warranty! Usage of this product in conditions not specified in this manual or in contrary to the instructions hereby provided is considered IMPROPER. The manufacturer will not be held liable for any damages resulting from improper use of the product.

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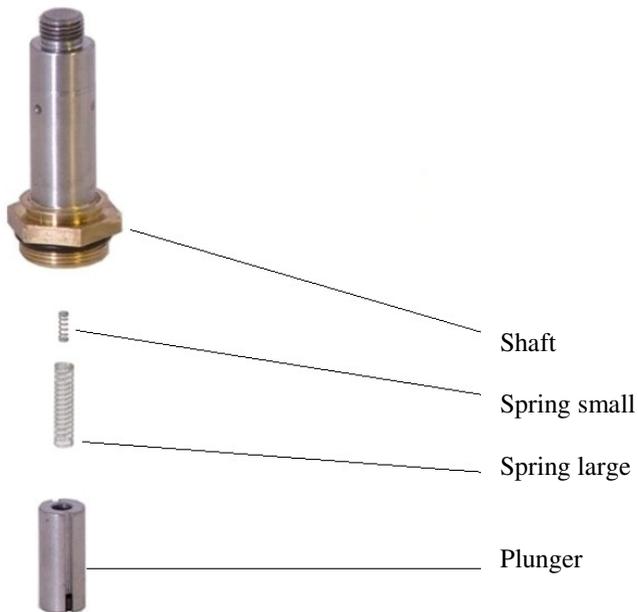
### **SAFETY & WARNING INSTRUCTIONS**

#### **ATTENTION**

- Observe valid and generally accepted safety rules when planning, installing and using this product.
- Take proper measures to prevent unintentional operation of the product or damage to it.
- Do not attempt to disassemble this product or lines in the system while they are under pressure.
- Always depressurise the compressed air system before working on the system.

**It is important that personnel use safe working practices and observe all regulations and legal requirements for safety when operating this product. When handling, operating or carrying out maintenance on this product, personnel must employ safe engineering practices and observe all local health & safety requirements & regulations. International users refer to regulations that prevail within the country of installation. Most accidents, which occur during the operation and maintenance of machinery, are the result of failure to observe basic safety rules or precautions. An accident can often be avoided by recognising a situation that is potentially dangerous. Improper operation or maintenance of this product could be dangerous and result in an accident causing injury or death. The manufacturer cannot anticipate every possible circumstance, which may represent a potential hazard. The WARNINGS in this manual cover the most common potential hazards and are therefore not all-inclusive. If the user employs an operating procedure, an item of equipment or a method of working which is not specifically recommended by the manufacturer he must ensure that the product will not be damaged or made unsafe and that there is no risk to persons or property.**

## EXPLODED VIEW - IDENTIFY ALL COMPONENTS DIAGRAM

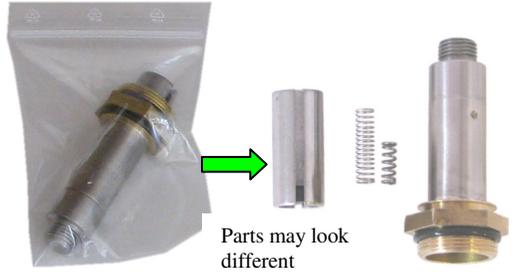


The parts mentioned in this exploded view may vary from the parts in the supplied service kit (depending on your valve).

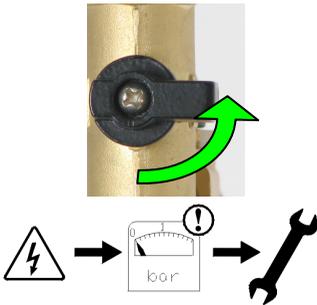
## IMPORTANT NOTICE

Before installing this product, make sure it complies with your request and that it suits your application!

1. Unpack the unit and visually inspect for any transport damage incurred after leaving our factory.



2. Close the condensate supply, i.e. close the ball valve.



3. Press the TEST button on your timer to empty the unit of any residual condensate and to depressurize the valve.



4. Switch off the electrical supply.



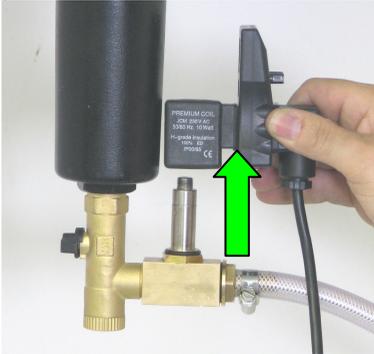
*Make sure the power is switched OFF before continuing this cleaning operation !*

5. Unscrew the valve top nut using a 14 mm wrench.



## MAINTENANCE INSTRUCTIONS

5. Remove the connector, coil and timer assembly from the valve shaft.



7. Replace the valve parts with the parts supplied in the service kit.



9. Reposition the coil, connector and timer assembly on to the valve, place the washer and top nut and tighten the top nut (max. torque 1Nm) using a 14 mm wrench.



6. Unscrew the valve shaft using a 23 mm wrench.



*Do not use the valve shaft as lever!*

8. Reassemble the inner parts and shaft. Screw the shaft assembly back on to the valve body using a 23 mm wrench (max. torque 10Nm).

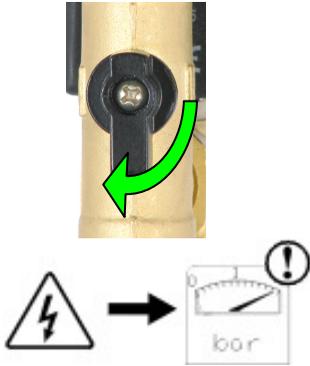


10. Switch on the electrical supply.



## MAINTENANCE INSTRUCTIONS

11. Slowly open the ball valve to restore normal system pressure.



12. Press the test button to check the valve function.



13. Your valve is ready for operation!