

# MAG-11<sup>®</sup> Service kit



Version: 0207

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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! This product is designed for use exclusively with types of fluids or gasses as stated in its documentation. Usage of this product in conditions not specified in the product documentation or 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.

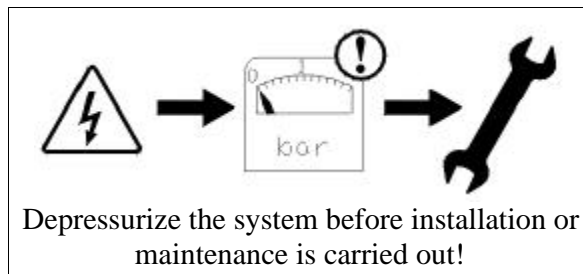
## ⚠ ATTENTION ⚠

- 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 depressurize 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.

**PLEASE NOTE: YOUR WARRANTY WILL BE INVALIDATED IF THE EQUIPMENT HAS NOT BEEN INSTALLED OR MAINTAINED IN ACCORDANCE WITH THESE INSTRUCTIONS.**

## ⚠ SAFETY ⚠



## GENERAL MAGNET SAFETY

The magnets in the operator we use are extremely strong, and must be handled with care to avoid personal injury and damage to the magnets. Fingers and other body parts can get severely pinched between two attracting magnets.

The strong magnetic fields of the magnets in the operator can also damage magnetic media such as floppy disks, credit cards, magnetic I.D. cards, cassette tapes, video tapes or other such devices. They can also damage televisions, VCRs, computer monitors and other CRT displays. Never place the operator near electronic appliances.

Never allow magnets near a person with a pacemaker or similar medical aid. The strong magnetic fields of the magnets in the operator can affect the operation of such devices.

The operator will lose its magnetic properties if heated above 175° F (80° C).

## GENERAL OPERATION

The MAG-11 removes condensate from compressed air filters.

The operation is automatic and there is no compressed air lost during the condensate discharge cycle.

The MAG-11 uses magnetic forces to operate a direct acting valve assembly and is ideally suited in applications where power is not available, too expensive or not reliable.

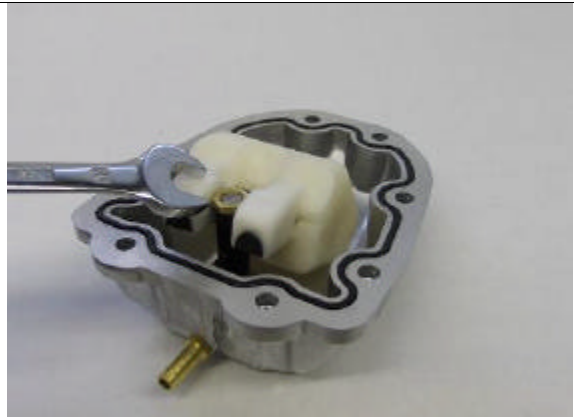
The magnets in the operator have been specially selected to ensure that long lasting operation is guaranteed.

Please make sure the MAG-11 is periodically cleaned i.e. during the filter element change of the compressed air filter.

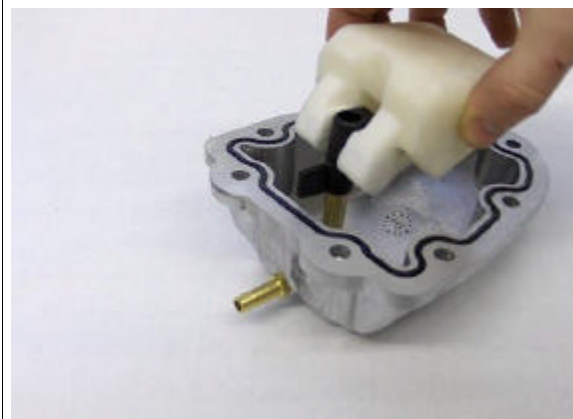
## SERVICE INSTRUCTIONS



Open the MAG-11 housing by unscrewing the 8 fixing bolts and empty the unit of any residual condensate



Unscrew the valve top nut



Pull the operator sleeve from the valve shaft



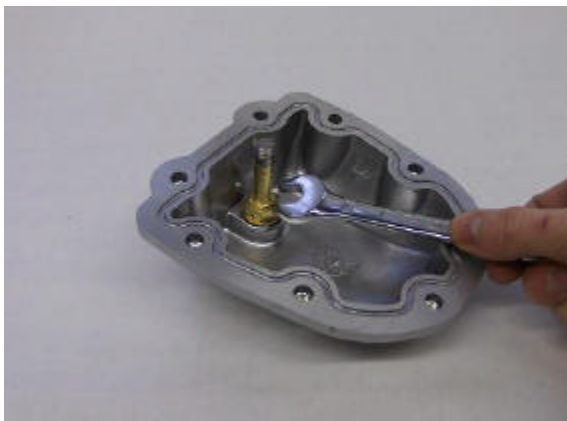
Unscrew the valve



Remove the gasket



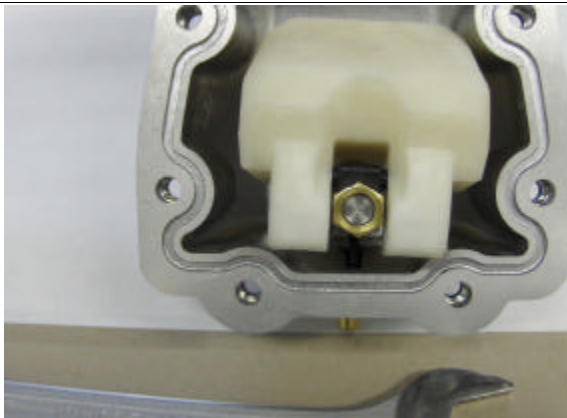
Clean the complete inside of the MAG-11 before screwing the new internals in to the MAG-11



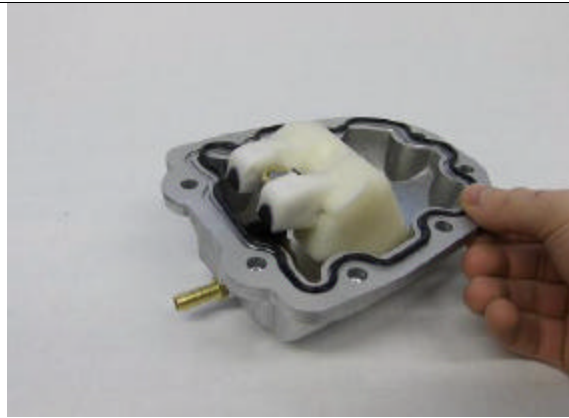
Place the valve seal under the valve body and screw it in to the MAG-11 housing



Slide the operator sleeve over the valve shaft and make sure the back is positioned correctly and that the sleeve is pushed down completely



Tighten the valve top nut and make sure the sides of the nut align with the sides of the operator as illustrated *(not aligning them correctly can disturb the free movement of the operator)*



Place the new gasket



Tighten the 8 fixing bolts. Make sure the nuts fit nicely into the nut holders on the bottom *(align the nuts before tightening the bolts)*



After closing the housing and tightening all the fixing bolts your MAG-11 is ready to be installed again

IDENTIFY ALL COMPONENTS DIAGRAM:

