



Replacement BASOTROL® Magnetic Operators

Application

This application note aids the authorized service contractor in replacing the magnetic operator assembly on G92, G93, G96, G196, and H91 gas valves.

Repairs and Replacement

IMPORTANT: Only qualified personnel should install or service BASO® Gas Product. These instructions are a guide for such personnel. Carefully follow all instructions in this document and all instructions for the appliance.

IMPORTANT: Make all gas installations in accordance with applicable local, national, and regional regulations.



WARNING: Risk of Explosion or Fire.

Shut off the gas supply at the main manual shutoff valve before installing or servicing the valve. Failure to shut off the gas supply can result in the release of gas during installation or servicing, which can lead to an explosion or fire, and may result in severe personal injury or death.



CAUTION: Risk of Electric Shock.

Disconnect power supply before making electrical connections to avoid electric shock.



WARNING: Risk of Explosion, Fire, or Electric Shock. Label all wires before they are disconnected when replacing or servicing the valve. Wiring errors can cause improper or dangerous operation and may result in an explosion, fire, or electric shock.

To replace the existing magnetic operator:

1. Shut off power to the appliance.
2. Turn off the gas at the main manual shutoff valve adjacent to the appliance.
3. Label each wire with the correct terminal designation prior to disconnection.
4. Check the power supply voltage for compatibility with the required valve voltage.
5. Remove the four screws holding the magnetic operator and gasket to the valve body.
6. Remove the magnetic operator and gasket. Ensure no dirt or debris falls into the valve body.
7. Install the new gasket and magnetic operator using the screws provided with the replacement assembly.
8. Be sure the screws are pulled down tightly and evenly.
9. Attach the wires to the correct terminal designation.
10. Perform the *Checkout* before leaving the installation.

Checkout



WARNING: Risk of Explosion or Fire.

Follow this or an equivalent checkout procedure after installation. Before leaving the installation, verify that the gas valve functions properly and that the system has no gas leaks. Gas leaks can lead to an explosion or fire, and may result in severe personal injury or death.

After making necessary replacements, perform this checkout procedure before leaving the installation to ensure that all components are functioning properly.

1. Test all joints and connections for leaks with a soap solution.
2. Turn the thermostat to a low setting.
3. Turn on the gas and purge the gas lines of all air.
4. Set the thermostat to the highest setting. The appliance should operate in accordance with the manufacturer's specified sequence of operation.
5. Turn the thermostat down for at least 30 seconds and then back up again. Observe at least three complete operating cycles to make sure that all the components are functioning properly.
6. Reset the thermostat to the desired setting before leaving the installation.

The performance specifications are nominal and conform to acceptable industry standards. For application at conditions beyond these specifications, consult BASO Gas Product. BASO Gas Product shall not be liable for damages resulting from misapplication or misuse of its products.



BASO Gas Products LLC

1007 South 12th Street
PO Box 170
Watertown, WI 53094
1-877-227-6427 (1-877-BASOGAS)

www.baso.com
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