

GV60 Motor Replacement

INSTALLATION INSTRUCTIONS

FOR OEM USE ONLY

⚠ WARNING

This control must be electronically wired and operated in accordance with all codes and local regulations. Service and installation must be performed by a trained/experienced service technician.

WHAT TO DO IF YOU SMELL GAS

- Do NOT operate any appliance.
- Do NOT touch any electrical switch; do NOT use any phone in your building.
- Immediately evacuate the area and contact the gas supplier. Follow the gas supplier's instructions.
- If you cannot reach the gas supplier, call the fire department.

All products used with combustible gas **must** be installed and used **strictly** in accordance with the instructions of the Original Equipment Manufacturer (OEM) and with all applicable government codes and regulations, e.g. plumbing, mechanical, and electrical codes and practices. These instructions do NOT supersede OEM's installation or operating instructions.

Do NOT use a product if you suspect it has been subjected to high temperatures, damaged, tampered with, or taken apart. Do NOT use a product if you suspect it has been under water or that liquid has seeped into the product. Any of these incidents can cause leakage or other damage that may affect proper operation and cause potentially dangerous combustion problems.

Use only your hand to push in or turn the gas control knobs. Never use tools. If a knob will not push in or turn by hand, do NOT try to repair it. Call a qualified service technician. Force or attempted repair can result in a fire or explosion.

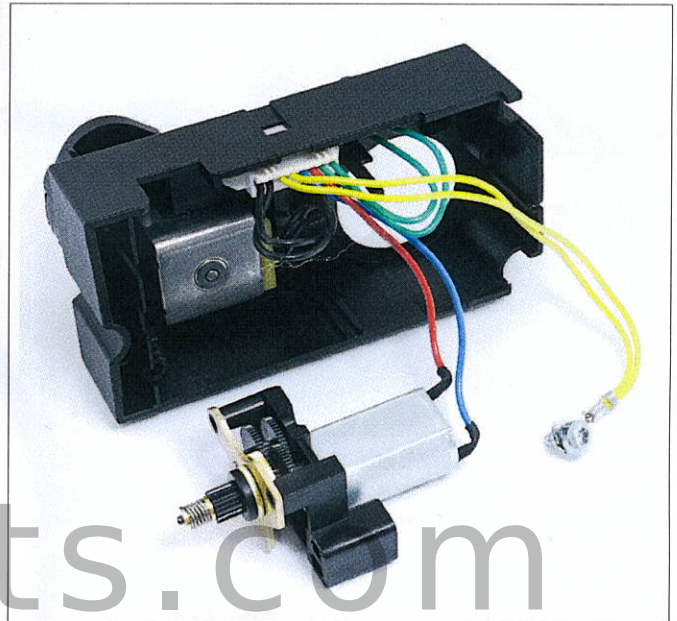
Do NOT store or use gasoline or other flammable vapors and liquids in the vicinity of this control or other appliances.

⚠ WARNING

ELECTRIC SHOCK HAZARD

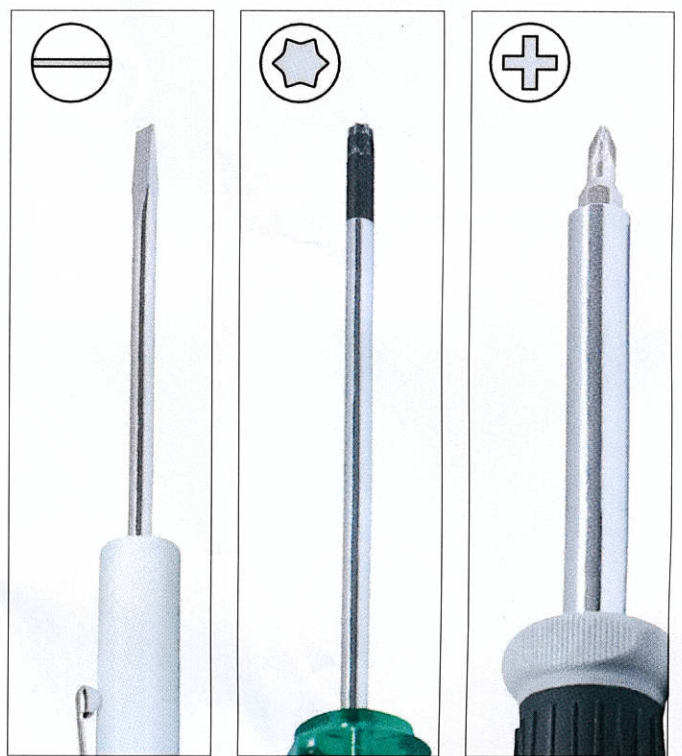
- Read these instructions carefully. Failure to follow them could result in property damage, personal injury, or loss of life.
- This control must be electrically wired and operated in accordance with all codes and local regulations. Service and installation must be performed by a trained, experienced service technician.
- Do NOT use the control if you suspect it may be damaged.

REPLACEMENT KIT



Replacement motor and gear assembly with valve cover and wiring harness, 2x valve cover screws, 1x Torx screw for yellow ground cable.

REQUIRED TOOLS



Small straight bladed screwdriver

Torx driver (T20)

Crosshead screwdriver (PH1)

INSTALLATION STEPS (1–6)

⚠ WARNING

Turn OFF gas supply at the appliance service valve before starting installation, and perform a Gas Leak Test after the installation is complete.



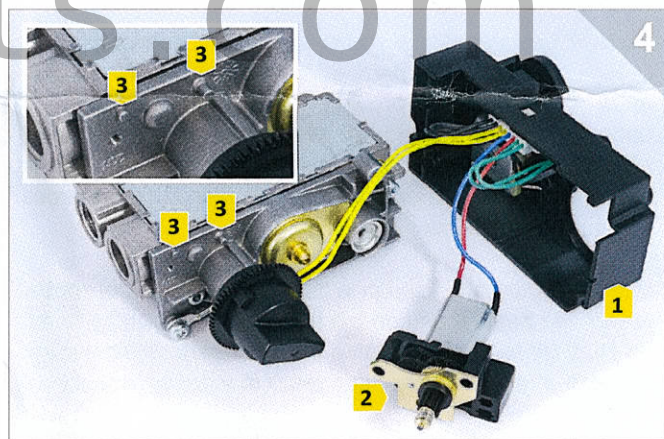
1. Make sure gas is turned off. Insert a straight bladed screwdriver into the center slot of the wiring harness. Push the top of the screwdriver away from valve and pull out the 8-wire harness.



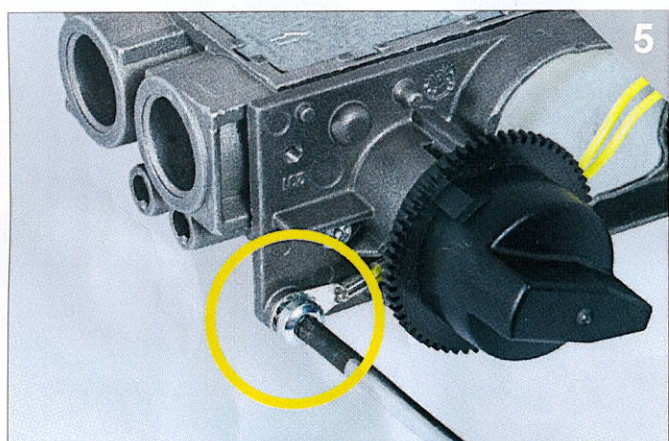
2. Turn main valve knob to middle position (between ON and OFF) to release green microswitch button.



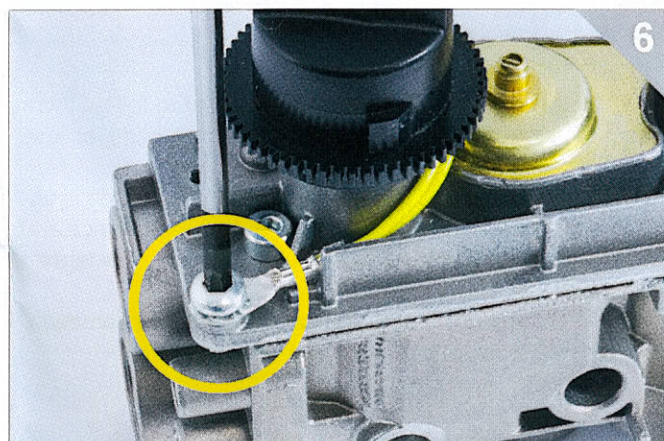
3. Remove two screws from valve cover.



4. Gently remove valve cover **1** and lift the motor **2** off the mounting studs **3**. Do not turn main valve knob while valve cover is off.



5. Remove Torx screw with T20 Torx bit, and then remove yellow ground cable (note the position/routing of the yellow wires).

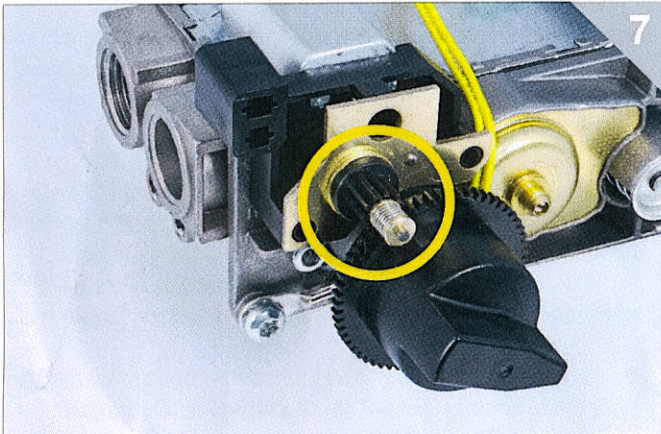


6. Install new yellow ground cable securing with Torx screw. Route yellow wires between the main valve knob and the regulator housing.

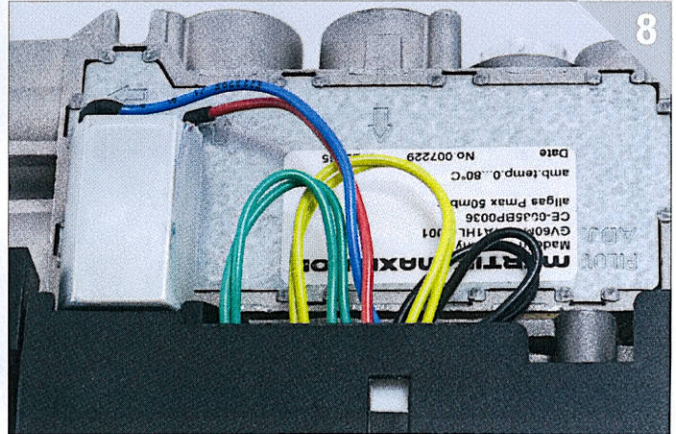
INSTALLATION STEPS (7–10)

⚠ WARNING

Ensure proper operation. Use operating and installation instructions.

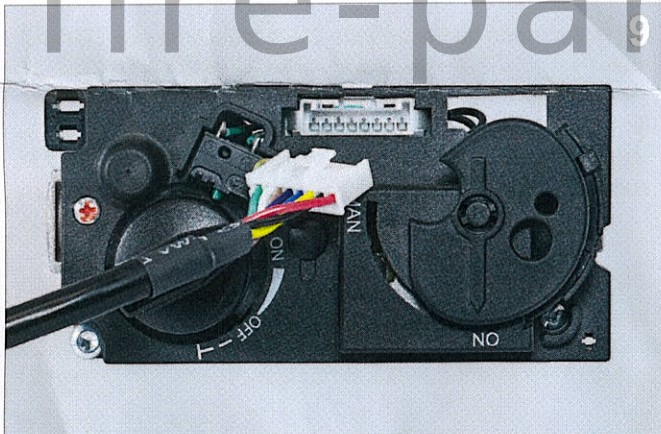


7. Position the new motor and gear assembly onto the mounting studs on the valve body (see arrow **3**, step 4) engaging the main valve knob teeth.



8. Install new valve cover ensuring proper alignment. Make sure all wires are looped to the side of the valve body and not pinched underneath the valve cover.

NOTE: A pinched wire could cause a short and system malfunction.



9. Install two screws to valve cover and connect 8-wire harness.

MERTIK MAXITROL®