

# HIGH VOLTAGE RELAY & CONTACTOR APPLICATIONS

## CHANGEABLE COILS

GIGAVAC has made it easy for you to change the coils on many of its relays, even if the relay is installed. You can change the coils on the GIGAVAC GH, G2, G8, G15, G60 & G70 relays by following these simple instructions. You can order replacement coils by contacting the GIGAVAC sales office near you. If you have any questions please contact us free of charge.



## PACKAGE CONTENTS ([Contact](#) GIGAVAC for part numbers)

- 1 coil
- 1 coil retaining plate marked with coil resistance and voltage.
- 1 circular spring washer.
- 1 coil retaining screw (GH relay) or 1 coil knurled retaining nut or all others

## REMOVE

1. Hold the relay firmly with one hand. You may want to use gloves or a clean cloth as the oil from your skin can contribute to a high voltage breakdown. If you need to clean the relay, use 99% isopropyl alcohol or acetone.
2. **For the GH Relays**
  - Using a flat blade screwdriver remove the retaining screw located between the coil terminals. Also take care not to bend or damage the coil terminals.
3. **For all others**
  - Using a small pliers remove the knurled retaining nut located between the coil terminals. Take care not to damage the tubulation in the center of the knurled nut. Also take care not to bend or damage the coil terminals.
4. Grab one of the coil terminals with your fingers and pull out the coil.
5. Turn the relay over to remove the circular spring washer. It will fall out of the coil cavity.

## REPLACE

1. Place the new circular spring washer in the coil cavity with the bends in the washer facing towards the coil.
2. Taking care that the circular spring washer does not fall out while placing the new coil into the cavity with terminals facing outward from the relay.
3. Slide the coil retaining plate over the coil terminals. The coil terminals are not polarity sensitive so, orientation of the plate is not important.
4. **For the GH Relays**

- Holding the assembly in one hand insert and tighten the coil retaining screw. Take care not to bend or damage the coil terminals.
- Tighten the retaining nut to 0.3 Nm (3 in-lb) maximum.

**5. For all others**

- Holding the assembly in one hand insert and tighten the knurled retaining nut. Take care not to damage the tubulation or coil terminals.
- Tighten the retaining nut to 0.3 Nm (3 in-lb) maximum

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