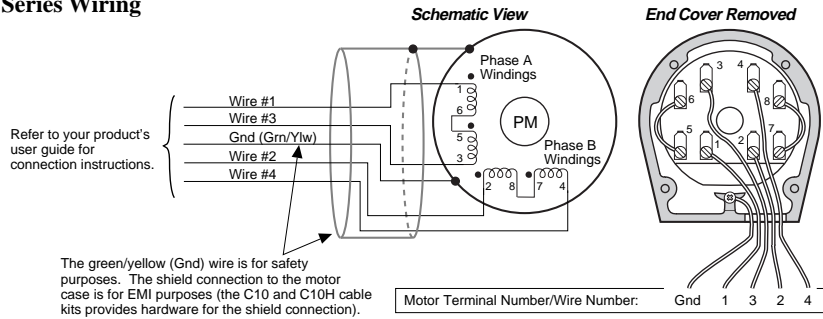


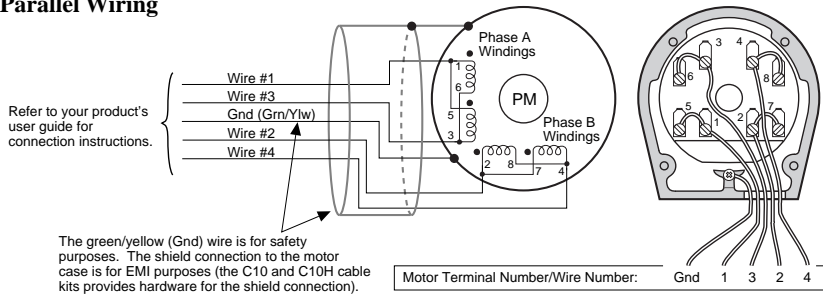
Step 6

You are now ready to wire your motor for series or parallel.

Series Wiring



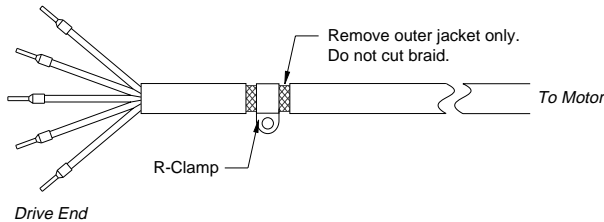
Parallel Wiring



Step 7

Connect the motor cable to the drive or drive/controller product. Avoid looping the cable. Keep the motor cable away from I/O cables carrying control signals.

Refer to your product's user guide for instructions.



END OF ASSEMBLY INSTRUCTIONS

C10 & C10H Cable Assembly (for R & T Series Motors)

CAUTION

At no time during this procedure should the motor cable be allowed to twist within the gland assembly. This can damage the cable and greatly reduce its life.

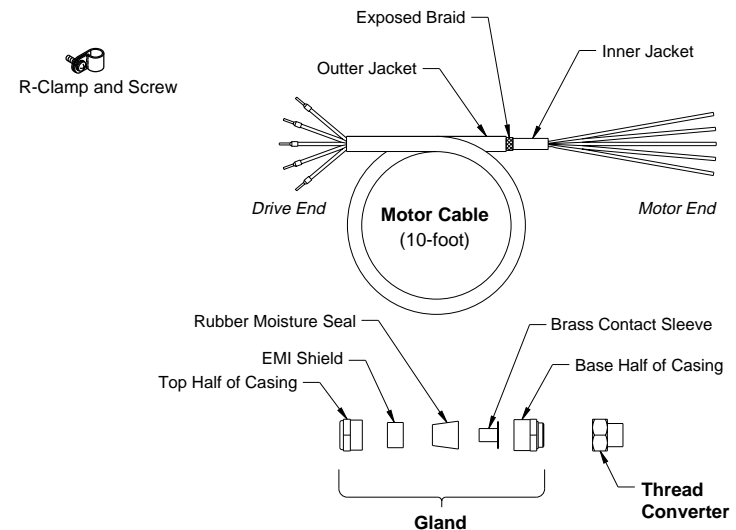
Step 1

Inventory, what you should have:

- Thread converter
- Gland assembly (5 pieces)
- Motor cable, 10 ft (3 m)
- R-Clamp with 6-32 x 1/2-inch screw

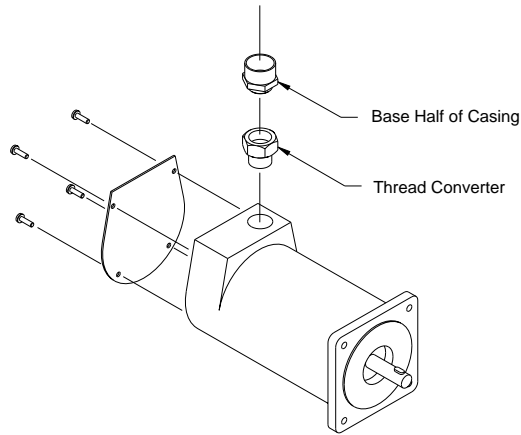
Required assembly tools and hardware:

- Phillips screwdriver #2
- Wire strippers
- Standard slotted screwdriver, approximately 0.25 in (6 mm)
- Crimp-on ring terminals (C10 cable uses 18AWG, 0.75 mm² wire; C10H cable uses 14 AWG, 2.50 mm² wire) – see step 6:
 - 9 required for series wiring, 13 required for parallel wiring
- 18AWG (0.75 mm²) wire jumpers (use 18 AWG for both C10 & C10H), 4 inches (100 mm) long – see step 6:
 - 2 required for series wiring, 4 required for parallel wiring
- Crimp tool
- Open-end 15/16-inch wrench



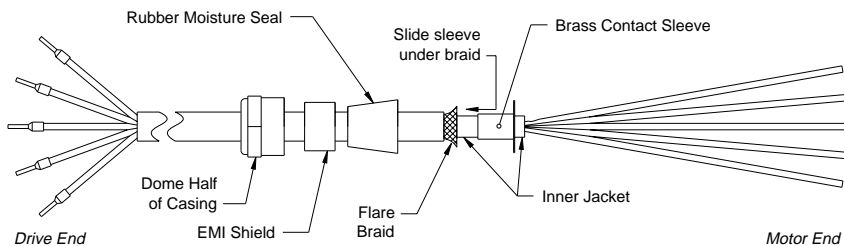
Step 2

- Remove and discard the motor's plastic thread insert (CCW rotation).
- Remove endbell cover plate from the rear of the motor.
- Insert the thread converter into the motor rear endbell, and tighten. The NPT thread is designed for compression fit into the motor body and therefore will not bottom out.
- Insert the base half of the outer casing into the thread converter and tighten securely.



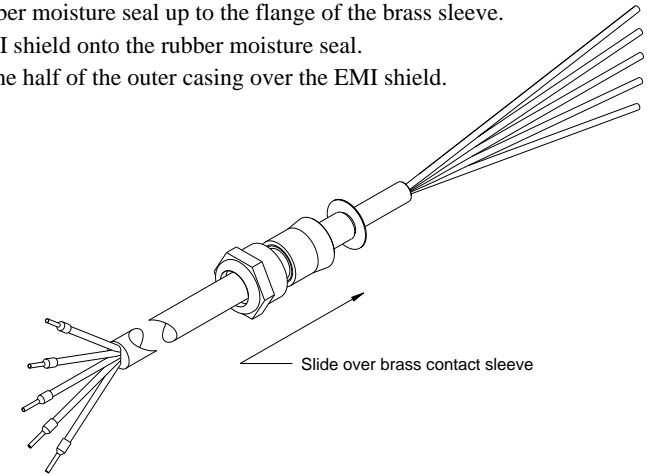
Step 3

- From the motor end of the cable, first slide on the dome casing half, then the EMI shield, and finally the rubber moisture seal. The EMI shield is installed blunt end first. The tapered end of the EMI shield fits over the tapered end of the rubber moisture seal.
- This step is critical and if not done properly will impair the EMC performance of the system:**
With a finger tip, flare the braid away from the inner jacket of the cable (all the way around). This will allow the braid to relax, and eases insertion of the brass sleeve.
- Carefully slide the brass sleeve as far under the exposed braid as possible. The sleeve must not cause the braid to bunch up or slide up under the outer jacket. The sleeve flange should butt up against the inner jacket of the cable.



Step 4

- Slide the rubber moisture seal up to the flange of the brass sleeve.
- Slide the EMI shield onto the rubber moisture seal.
- Slide the dome half of the outer casing over the EMI shield.



Step 5

- Insert the assembly into the prepared motor and screw the dome half to the base half of the outer casing until snug. **Do not twist the cable.**

