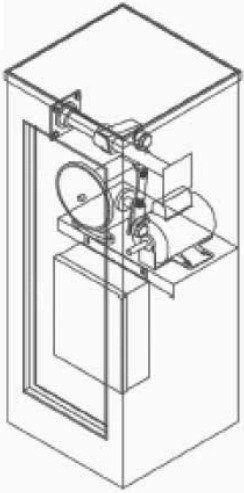


90-PGR PARKING RADIO KIT INSTRUCTIONS

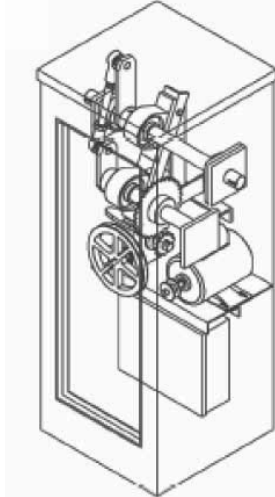
MODELS BG770 AND BG790

INTRODUCTION

These instructions are to be used in conjunction with the owner's manual provided with the unit.



BG770 OPERATOR



BG790 OPERATOR

WARNING

To reduce the risk of SEVERE INJURY or DEATH:
ANY maintenance to the operator or in the area near the operator MUST NOT be performed until disconnecting the electrical power and locking out the power via the operator power switch. Upon completion of maintenance, the area MUST be cleared and secured. At that time the unit may be returned to service.
ALL electrical connections MUST be made by a qualified individual.

INSTALLATION

1. Disconnect power to operator.
2. Remove electrical box.
3. Locate the indicated holes (0.106" diameter) and adhere the **R1 R2 R3** label (provided) about 5/8" horizontally from electrical box wall and 2" from the transformer (Figure 1).
4. Install terminal block with indicated self-tapping screws (Figure 2).

FIGURE 1

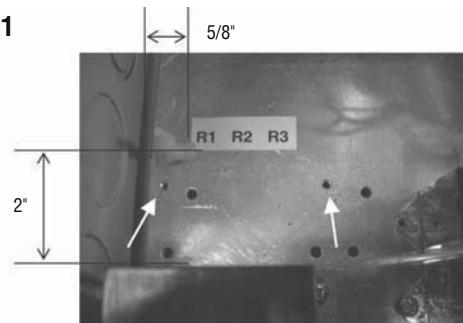
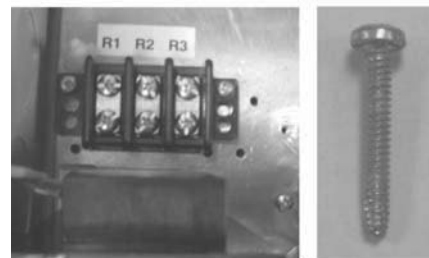


FIGURE 2



5. Install limit switch provided with kit in one of the three configurations shown (Figure 3).

6. Install the bracket/limit switch assembly as follows:

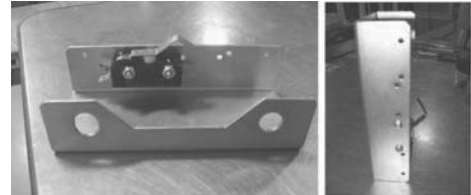
BG770 (Figure 4)

Remove indicated bolts and washers from block bearing. Remove flat washer from these bolts. Attach the assembly to the block and fasten with the bolts. Adjust the cam on that side of the shaft to be in the same position as the cam indicated.

BG790 (Figure 5)

Remove indicated bolts and washers from block bearing. Remove flat washer from these bolts. Attach the assembly to the block and fasten with the bolts. Adjust the cam on that side of the shaft to be in the same position as the cam indicated. **NOTE:** On BG790, shafts rotate in an inverse motion from one another.

FIGURE 3



BG770



BG790



FIGURE 4
Bolts and Flat Washers

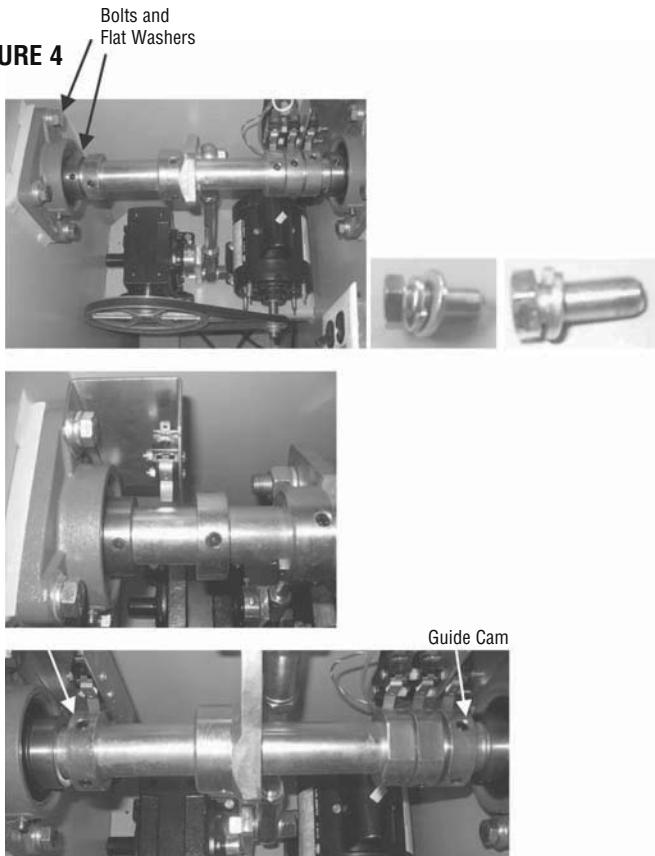
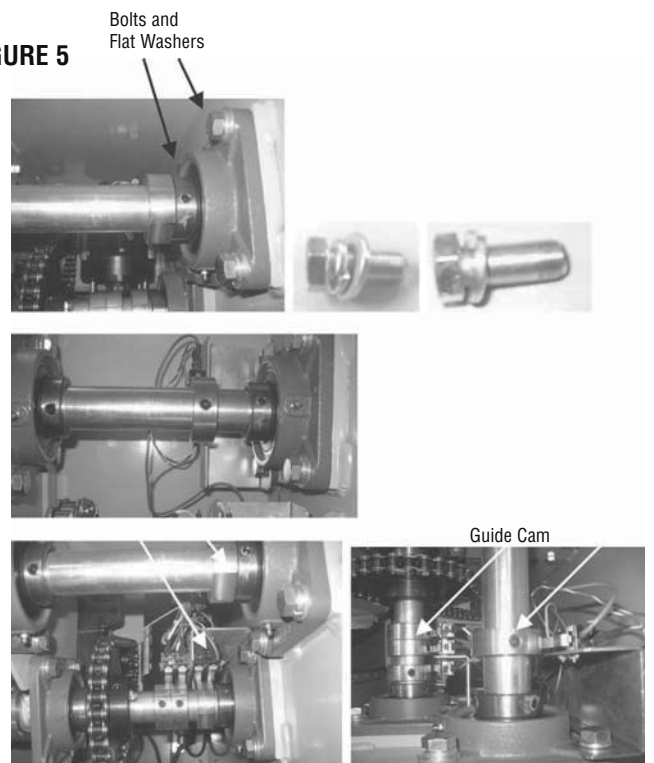


FIGURE 5
Bolts and Flat Washers



WIRING

7. Connect wires on limit switch as indicated on the wiring diagram provided. Keep wires from original limit switch and connect them to the corresponding terminals on the provided limit switch (Figure 6).
8. Route wiring through expandable conduit (purple, gray and yellow wires) which should pass behind the motor with existing conduits (Figure 7).
9. Assemble connector on electrical box. To protect wires, use shrinkable tubes and expandable conduits as they go through the connector (Figure 8).
10. Connect wires to terminal block as follows (Figure 9):
 - Orange (covered with shrink tubing) to R1 terminal
 - Yellow (covered with shrink tubing) to R2 terminal
 - Red (covered with shrink tubing) to R3 terminal

FIGURE 6



(BG790 shown)

FIGURE 7

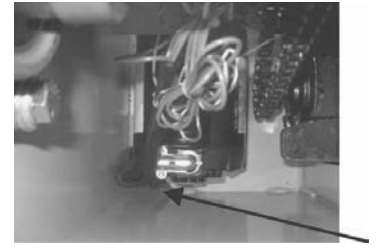
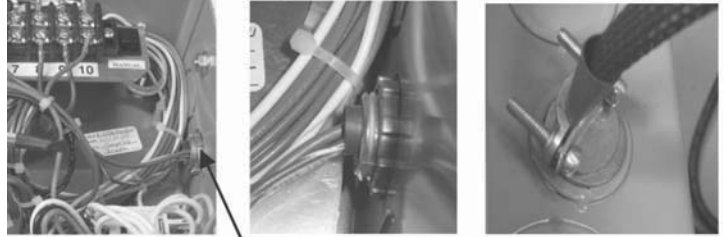
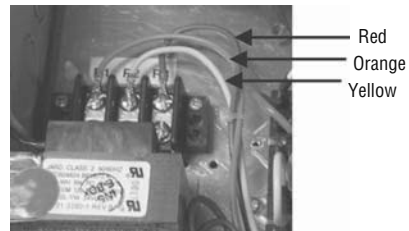


FIGURE 8



Connector

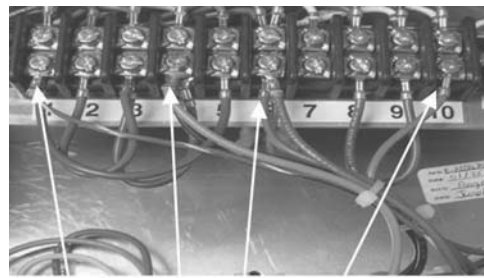
FIGURE 9



11. Connect wires from the limit switch and terminal block as follows (Figure 10):

- Purple/white wire to point 1
- Orange wire to point 4
- Red wire to point 6
- Gray wire to point 10

FIGURE 10



Purple/White Orange Red Gray

12. Route wires using cable ties (provided) for strain relief and to hold wires to their positions (Figure 11). Ensure that all connections are secure.

13. With the power off, mount the electrical box to its position on the operator and follow proper installation instructions.

14. Re-connect electrical power to the operator and begin testing.

FIGURE 11

