

Champ® Series VMV Replacement Ballast Kit 175W MH Luminaires

COOPER Crouse-Hinds

Installation & Maintenance Information

IF 1607

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE



CHRBVMV175/MT Kit Includes:

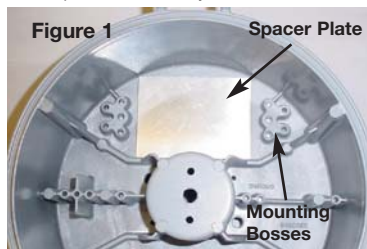
1. This Instruction Sheet
2. Ballast (qty. 1)
3. Capacitor (qty. 1) (not shown)
4. Ignitor (qty. 1) (not shown)
5. Ballast Bracket (qty. 1)
6. Capacitor Strap (qty. 1) (not shown)
7. Ballast Bracket Screws (qty. 4)
8. Barrier Insulating (qty. 2)
9. Spacer Plate (qty. 1)

⚠ WARNING

Electrical power must be **OFF** before and during installation and maintenance.

INSTALLATION

1. Ensure power is disconnected and globe is cooled. Uninstall the lighting fixture by loosening the screw opposite the hinge and disconnecting the power leads common (white), line (black), and ground (green) from the incoming power leads.
2. Remove the plastic insulation cover over the ballast. Save hardware for reinstallation.
3. Tape off or mark any unused wires in the housing, making identification easier.



4. Cut the wire tie that holds the wires together. Remove the two wire nuts attached to the black and white wires from the lamp socket.
5. Remove old ballast, capacitor, ignitor, and their hardware. Save screw for capacitor, and strap and screw for ignitor.



6. Place spacer plate into the VMV housing between ballast strap mounting bosses. See Figure 1.
7. Place insulating barriers as shown in Figure 2.
NOTE: VMV insulating barrier mounts to the two outer ballast strap boss mounting holes.



8. Place ballast on spacer and between insulators. Align insulators with ballast strap mounting holes. See Figure 3.
NOTE: Ballast label faces the center of the VMV housing.



9. Place ballast strap so that insulators fit between strap and ballast. Install four (4) ballast bracket screws: place screw through ballast bracket, insulator, and start screw into ballast strap mounting boss. Repeat for three (3) additional screws. Align insulators with ballast mounting strap and run down and tighten four (4) screws. See Figures 4 and 5.
NOTE: The bottom flap of the barrier insulating must rest between the ballast clamp mounting boss and the ballast coils on both sides of the ballast.



10. Wire the lighting fixture assembly per the wiring diagram (see Figure 6).

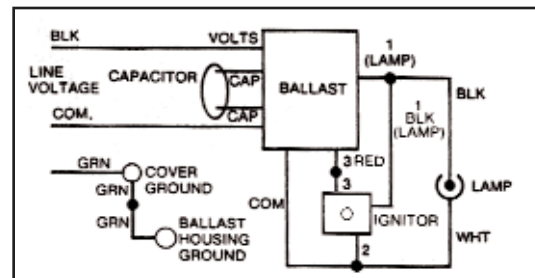


Figure 6

11. Reattach the plastic cover using the screw head located in the center post of the housing and nut.
12. Wire the incoming power leads to the line (black) and common (white) leads of the ballast. Wire the green ground lead (attached to the ballast housing) to incoming ground.
13. Reinstall lighting fixture.



Figure 7. Complete Luminaire Assembly (plastic cover not shown)

MAINTENANCE

Perform visual, electrical, and mechanical inspections on a regular basis and replace worn or damaged parts as necessary. This should be determined by the environment and frequency of use. However, it is recommended that checks be made at least once a year. We recommend an Electrical Preventive Maintenance Program as described in the National Fire Association Bulletin NFPA No. 70B.

⚠ WARNING

To avoid electrical shock and possible explosion while performing maintenance, electrical power must always be turned **OFF** and the area free of hazardous gas or vapors.

To avoid burning your hands while performing maintenance, make sure globe and lamp are cool.

All statements, technical information and recommendations contained herein are based on information and tests we believe to be reliable. The accuracy or completeness thereof are not guaranteed. In accordance with Cooper Crouse-Hinds "Terms and Conditions of Sale," and since conditions of use are outside our control, the purchaser should determine the suitability of the product for his intended use and assumes all risk and liability whatsoever in connection therewith.