

# *Technical Bulletin*

Bulletin Number: 436 Revision Number: R-00

Release Date: September 10, 1992 Revision Date: \_\_\_\_\_

**SUBJECT: HIGH OUTPUT PLUG-IN BALLAST**

**MODELS AFFECTED: All Models With High Output Lighting**

**REASON: To supply part ordering and installation information for replacement ballasts.**

**FOR ALL MODELS:**

1. Beginning production run 6070BQ, venders 66" high or higher will have the High Out Put Plug-In Ballast (#804,400,380.01) factory installed.

For replacement ballast, order the following:

- a) 1 - 804,400,380.01 High Output Plug-In Ballast

2. Prior to production run 6070BQ, venders 66" high or higher do not have the Plug-In Ballast.

For replacement ballast, order the following:

- a) 1 - 804,400,380.01 High Output Plug-In Ballast
- b) 1 - 804,905,310.01 High Output Plug-In Ballast Retrofit
- c) 8 - 904,800,520.01 Scotchlok Connectors

**NOTE: See High Output Plug-In Ballast Retrofit Installation Instructions.**

## HIGH OUTPUT PLUG-IN BALLAST RETROFIT INSTALLATION INSTRUCTIONS:

1. UNPLUG VENDER.
2. On venders prior to serial number 0001-6000DO remove the ballast cover.
3. Remove the screws securing the ballast to the vender or ballast cover.
4. Look at the wires from the light lead harness and the light lead plug. Make sure these wires are labeled to match the color of the wire they connect to at the ballast. Note: The wires of the light lead harness and light lead plug are labeled at the factory. Look for the letters on the wires to make sure it is readable before continuing. (See figure 3.)
5. Once wires are labeled, disconnect the existing ballast at the scotchlok connectors. (See figure 3.)
6. To install the new High Output Plug-In Ballast Retrofit Harness:
  - a. Connect the wire of the light lead harness labeled "B1" (blue) to the wire of the Retrofit Harness labeled "B1" using a scotchlok connector. Tape the scotchlok connector with electrical tape, ensuring that the entire connector is completely covered. (See figure 4.)
  - b. Connect the other wire of the light lead harness labeled "B2" (blue) to the other wire of the Retrofit Harness labeled "B2" using a scotchlok connector. Tape the scotchlok connector with electrical tape, ensuring that the entire connector is completely covered. (See figure 4.)
  - c. Connect the wire of the light lead harness labeled "R1" (red) to the other wire of the Retrofit Harness labeled "R1" using a scotchlok connector. Tape the scotchlok connector with electrical tape, ensuring that the entire connector is completely covered. (See figure 4.)
  - d. Connect the other wire of the light lead harness labeled "R2" (red) to the other wire of the Retrofit Harness labeled "R2" using a scotchlok connector. Tape the scotchlok connector with electrical tape, ensuring that the entire connector is completely covered. (See figure 4.)
  - e. Connect the wire of the light lead harness labeled "Y1" (yellow) to the wire of the Retrofit Harness labeled "Y1" using a scotchlok connector. Tape the scotchlok connector with electrical tape, ensuring that the entire connector is completely covered. (See figure 4.)
  - f. Connect the other wire of the light lead harness labeled "Y2" (yellow) to the other wire of the Retrofit Harness labeled "Y2" using a scotchlok connector. Tape the scotchlok connector with electrical tape, ensuring that the entire connector is completely covered. (See figure 4.)
  - g. Connect the wire of the light lead plug labeled "B" (black) to the wire of the Retrofit Harness labeled "2A" using a scotchlok connector. Tape the scotchlok connector with electrical tape, ensuring that the entire connector is completely covered. (See figure 4.)
  - h. Connect the wire of the light lead plug labeled "W" (white) to the wire of the Retrofit Harness labeled "1A" using a scotchlok connector. Tape the scotchlok connector with electrical tape, ensuring that the entire connector is completely covered. (See figure 4.)
7. Install the new High Output Plug-In Ballast. Secure it with the screws removed in step 3.
8. On venders prior to serial number 0001-6000DO, secure the ballast cover in its original position.
9. Plug in vender and test for proper operation.

# HIGH OUTPUT LIGHTING

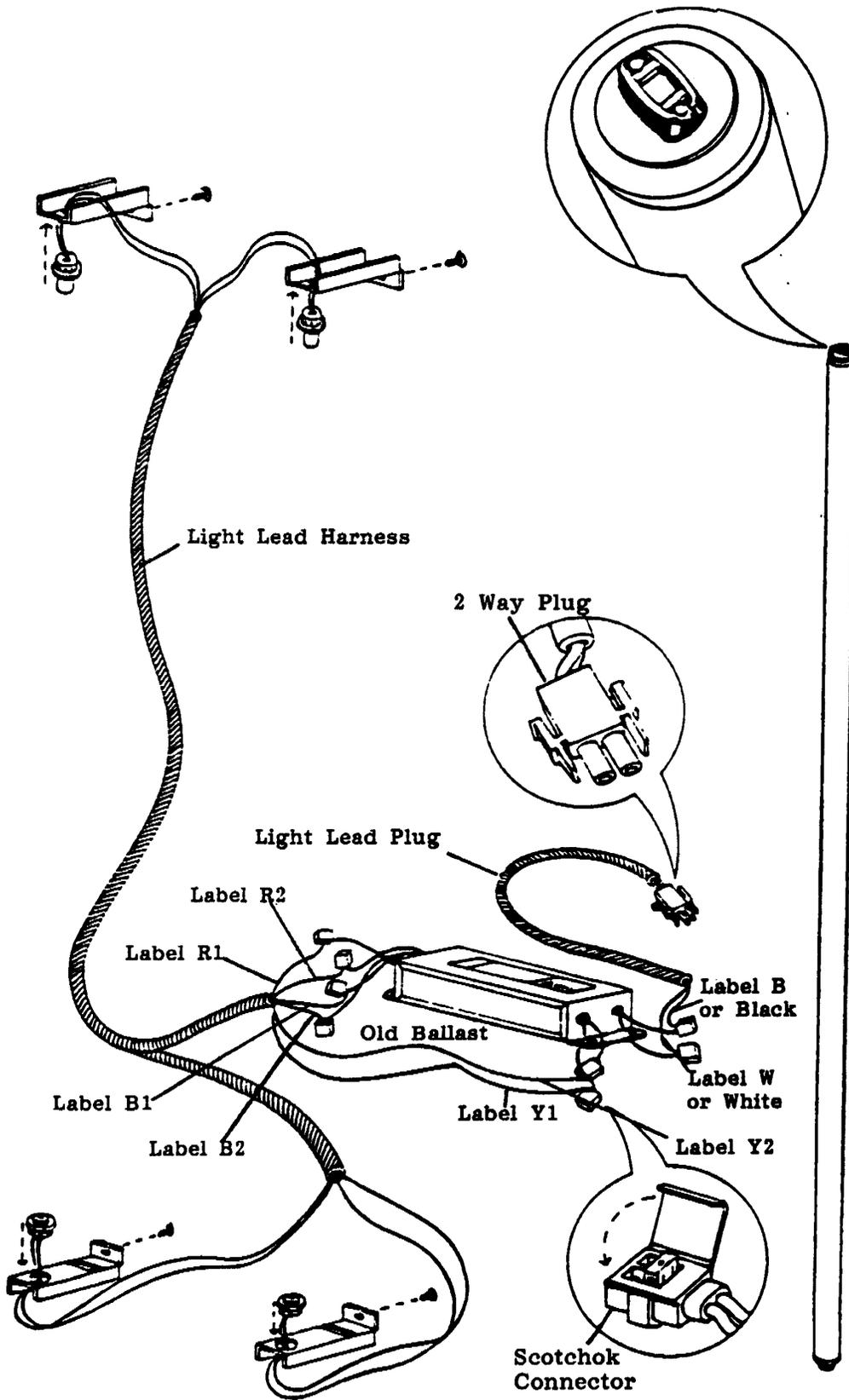


Figure 3

# HIGH OUTPUT LIGHTING

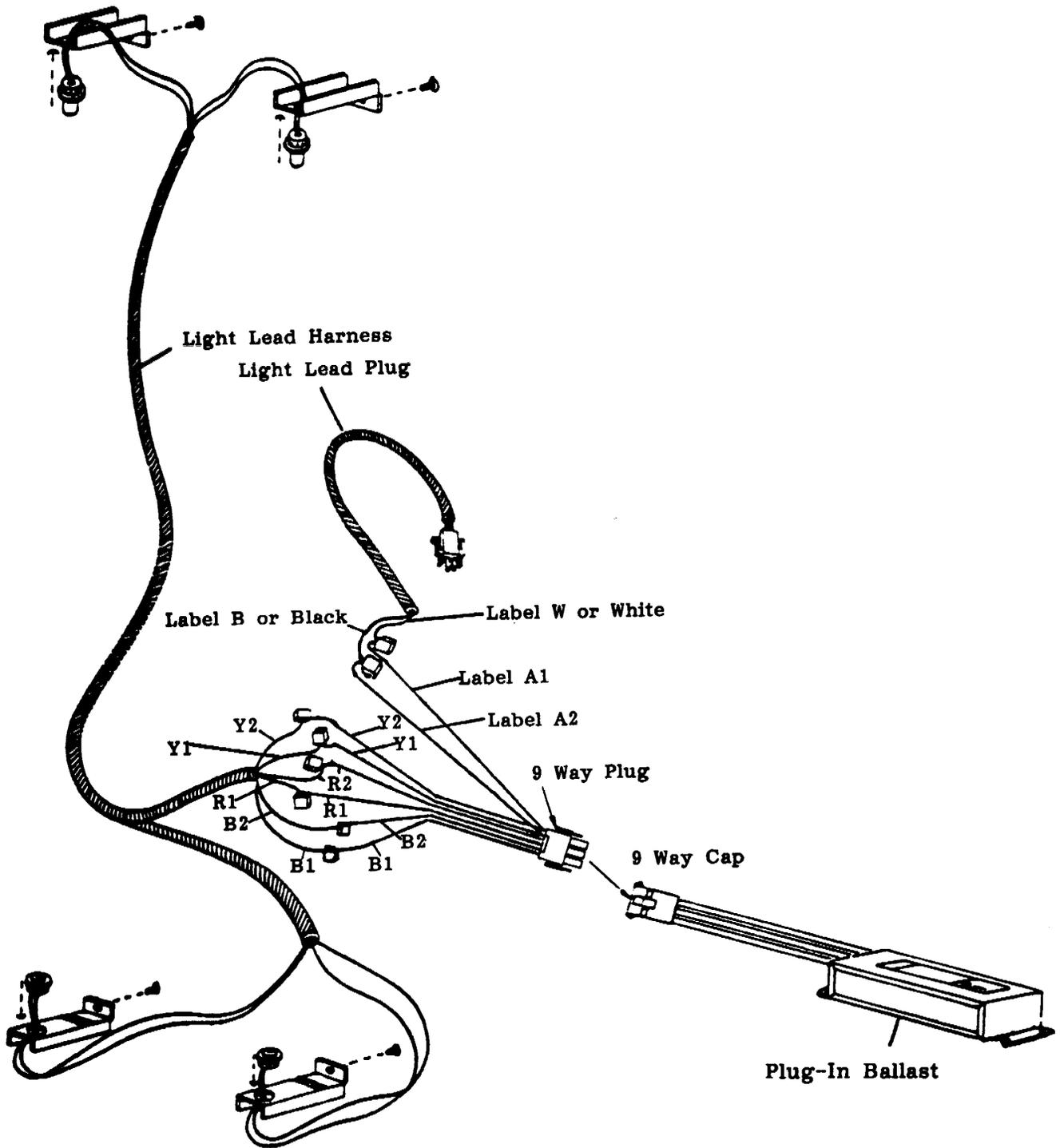


Figure 4