

# Technical Bulletin

Bulletin Number: 437 Revision Number: R-03

Release Date: September 10, 1992 Revision Date: January 4, 1999

**SUBJECT:** SLIMLINE PLUG-IN BALLAST

**MODELS AFFECTED:** All models with Slimline Lighting

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

## FOR VENDER MODELS 66" HIGH OR HIGHER

1. Beginning production run 6071BQ, venders 66" high and higher will have the Slimline Plug-In Ballast (804,40,37x.x1) factory installed.

For replacement ballast order the following:

- A) 1 - 804,400,37x.x1 Slimline Plug-In Ballast

2. Prior to production run 6071BQ, venders 66" high and higher do not have the Plug-In Ballast.

For replacement ballast order the following:

- A) 1 - 804,400,37x.x1 Slimline Plug-In Ballast SM2E57
- B) 1 - 801,905,30x.x1 Slimline Plug-In Ballast Retrofit Jumper
- C) 4 - 904,800,52x.x1 Scotch Connectors

**Note:** See *Slimline Plug-In Ballast Retrofit Installation Instructions on pages 2 and 4.*

**IMPORTANT:** ON VENDERS BEGINNING SERIAL NUMBER 0001-3009DL DIXIE-NARCO STARTED USING A BALLAST WITH IMPROVED ELECTRICAL CHARACTERISTICS TO REDUCE THE LIKELIHOOD OF BALLAST FAILURE.

## FOR VENDER MODELS 56" HIGH ONLY

1. For replacement ballast order the following:

- A) 1 - 804,400,39x.x1 Slimline Plug-In Ballast

## SLIMLINE 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 the light lead plug are labeled at the factory. Look for the letters on the wires to make sure it is readable before continuing.
5. Once wires are labeled, disconnect the bad ballast at the scotchlok connectors. (See figure 1, page 3.)
6. To install the new Slimline Plug-In Ballast Retrofit Harness:
  - A. Connect the wire of the light lead harness labeled "BL" (blue) to the wire of the Retrofit Harness labeled "BL" using a scotchlok connector. Tape the scotchlok connector with electrical tape, ensuring that the entire connector is completely covered. (See figure 2, page 4.)
  - B. Connect the wire of the light lead harness labeled "R" (red) to the wire of the Retrofit Harness labeled "R" using a scotchlok connector. Tape the scotchlok connector with electrical tape, ensuring that the entire connector is completely covered. (See figure 2, page 4.)
  - C. Connect the wire of the light lead plug labeled "B" (black) to the wire of the Retrofit Harness labeled "B" using a scotchlok connector. Tape the scotchlok connector with electrical tape, ensuring that the entire connector is completely covered. (See figure 2, page 4.)
  - D. Connect the wire of the light lead plug labeled "W" (white) to the wire of the Retrofit Harness labeled "W" using a scotchlok connector. Tape the scotchlok connector with electrical tape, ensuring that the entire connector is completely covered. (See figure 2, page 4.)
7. Install the new Slimline 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 the vender and test for proper operation.

**SLIMLINE LIGHTING**

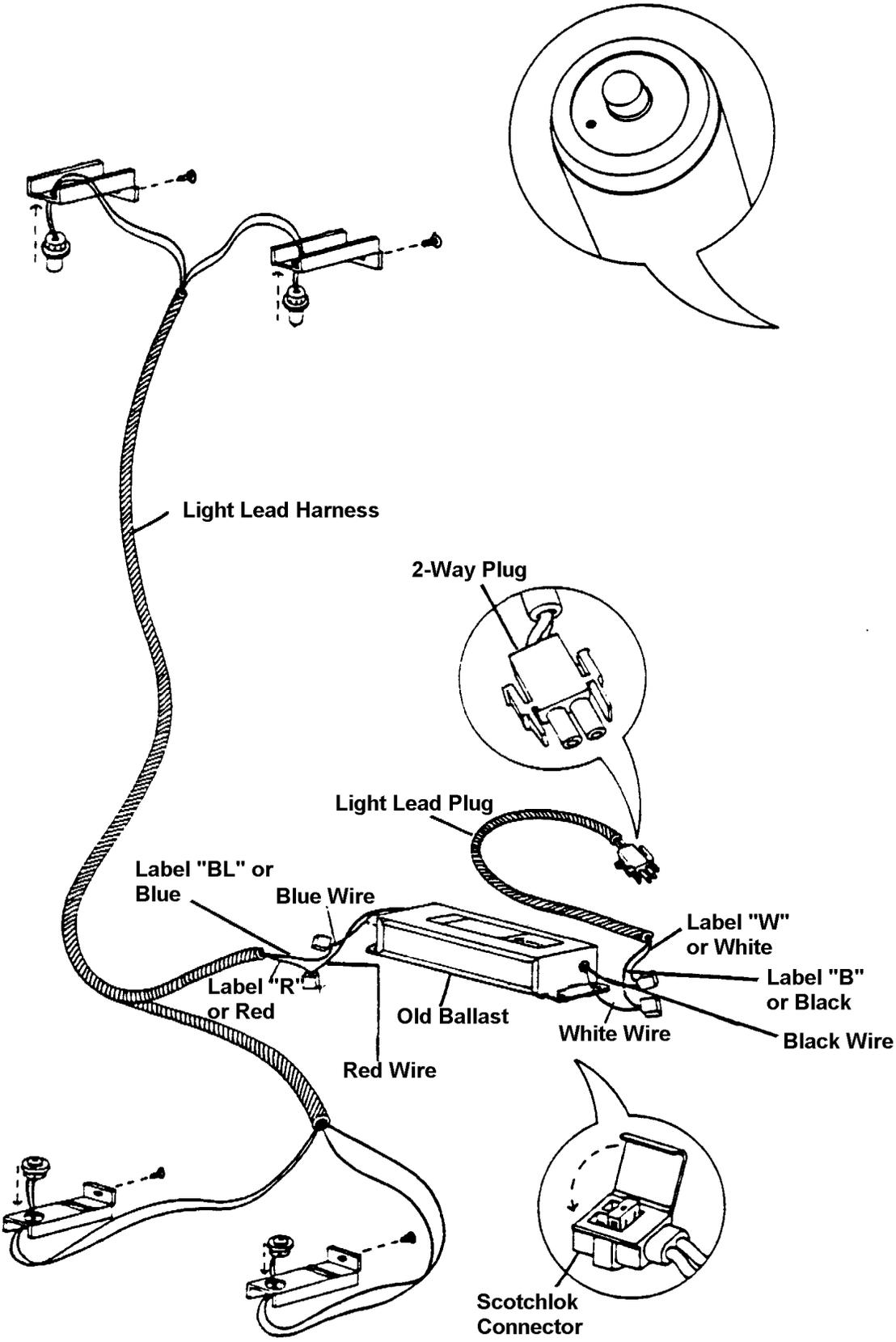


Figure 1

# SLIMLINE LIGHTING

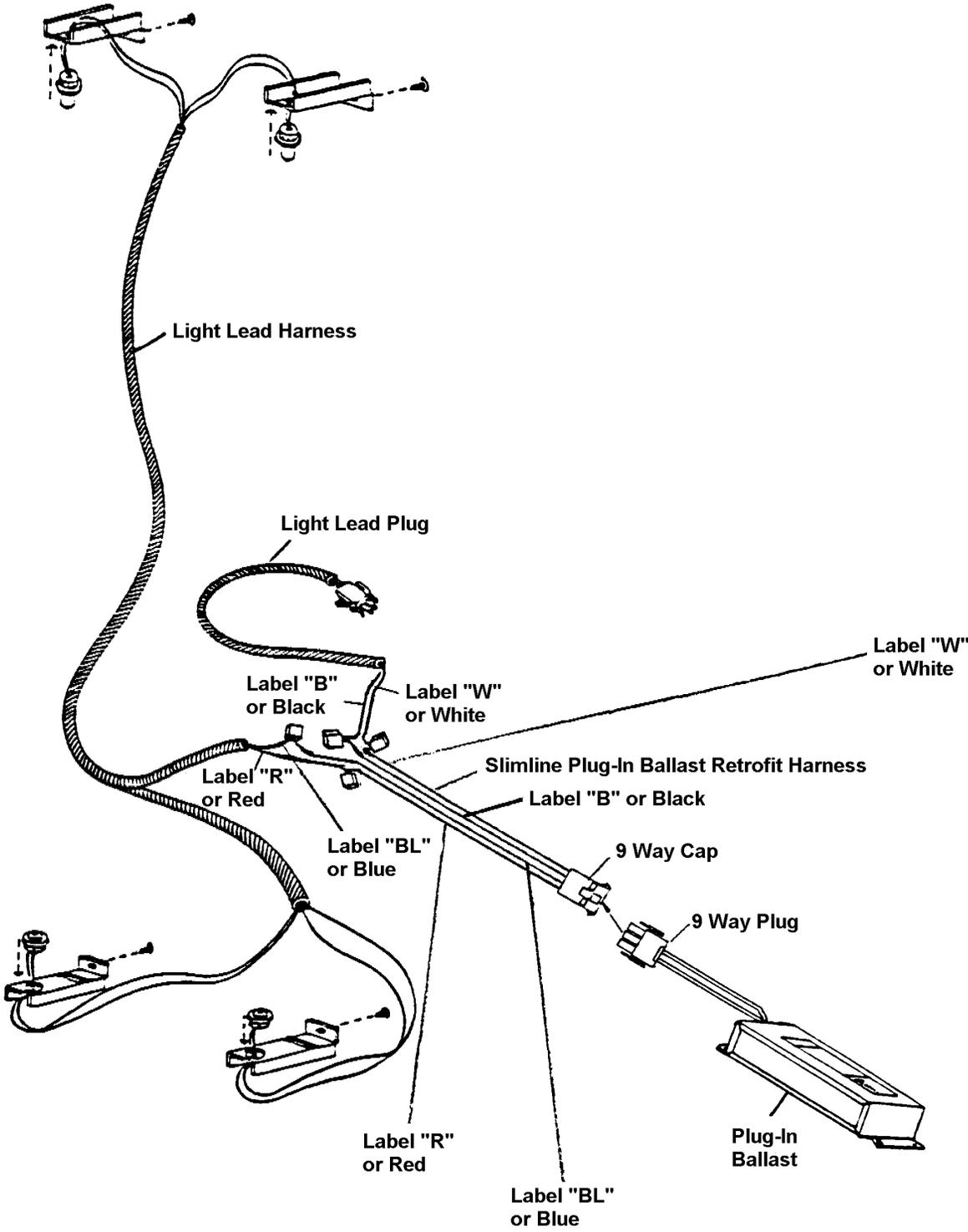


Figure 2