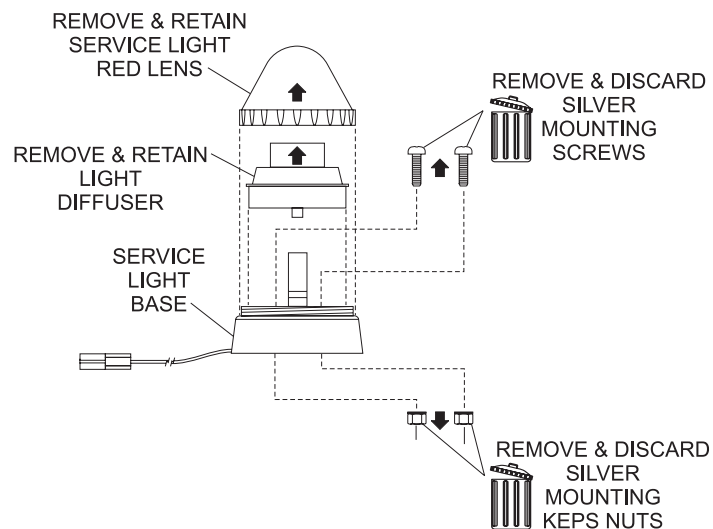


## AS-80/90 Service Light

### SERVICE LIGHT AND BRACKET ASSEMBLY

1. Unscrew, remove and retain the red lens from the service light. Refer to Figure 1.
2. Remove and retain the clear light diffuser from the base of the socket. Refer to Figure 1.
3. Remove and discard the two silver mounting screws and nuts that are loosely inserted through the base of the socket. Refer to Figure 1.



*Figure 1*

4. Install the service light base to the top of the service light bracket using the two #6-32 x 3/4" black screws and #6-32 black keps nuts provided. Install the service light base with the cable exiting at the rear of the bracket. Refer to Figure 2.

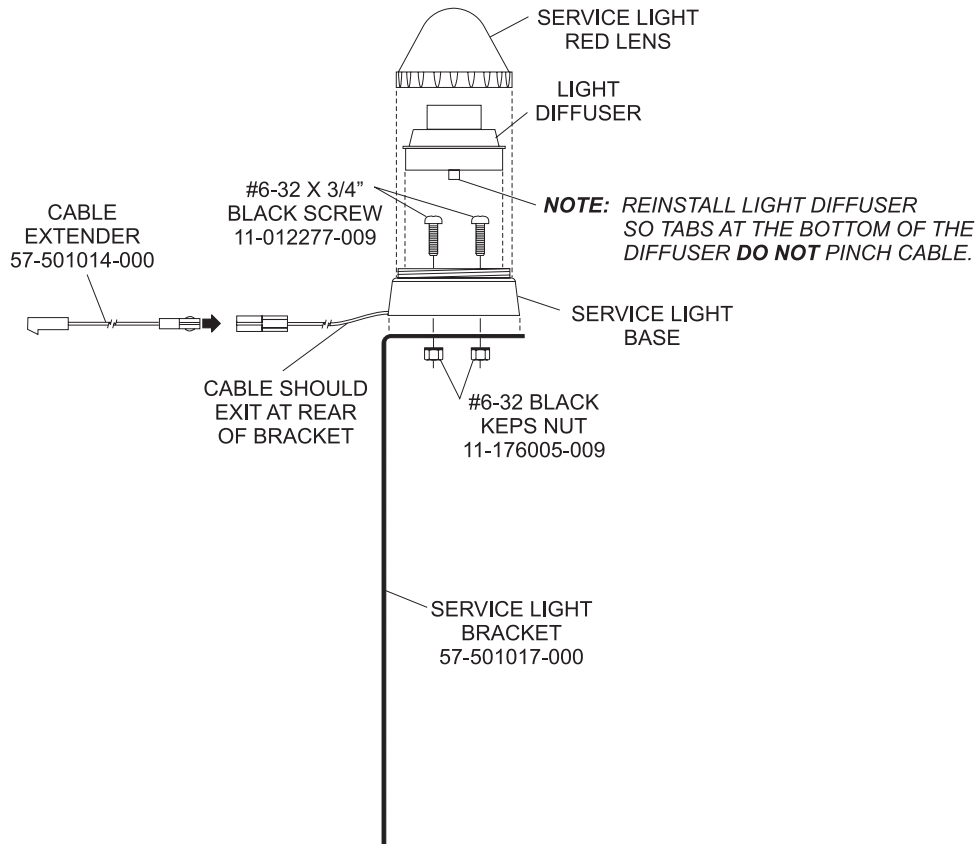


Figure 2

**i** **NOTE:** Tighten the screw and nut carefully to not crack the plastic base

5. Connect the cable extender to the service light. Refer to Figure 2.
6. Replace the clear light diffuser. Refer to Figure 2.

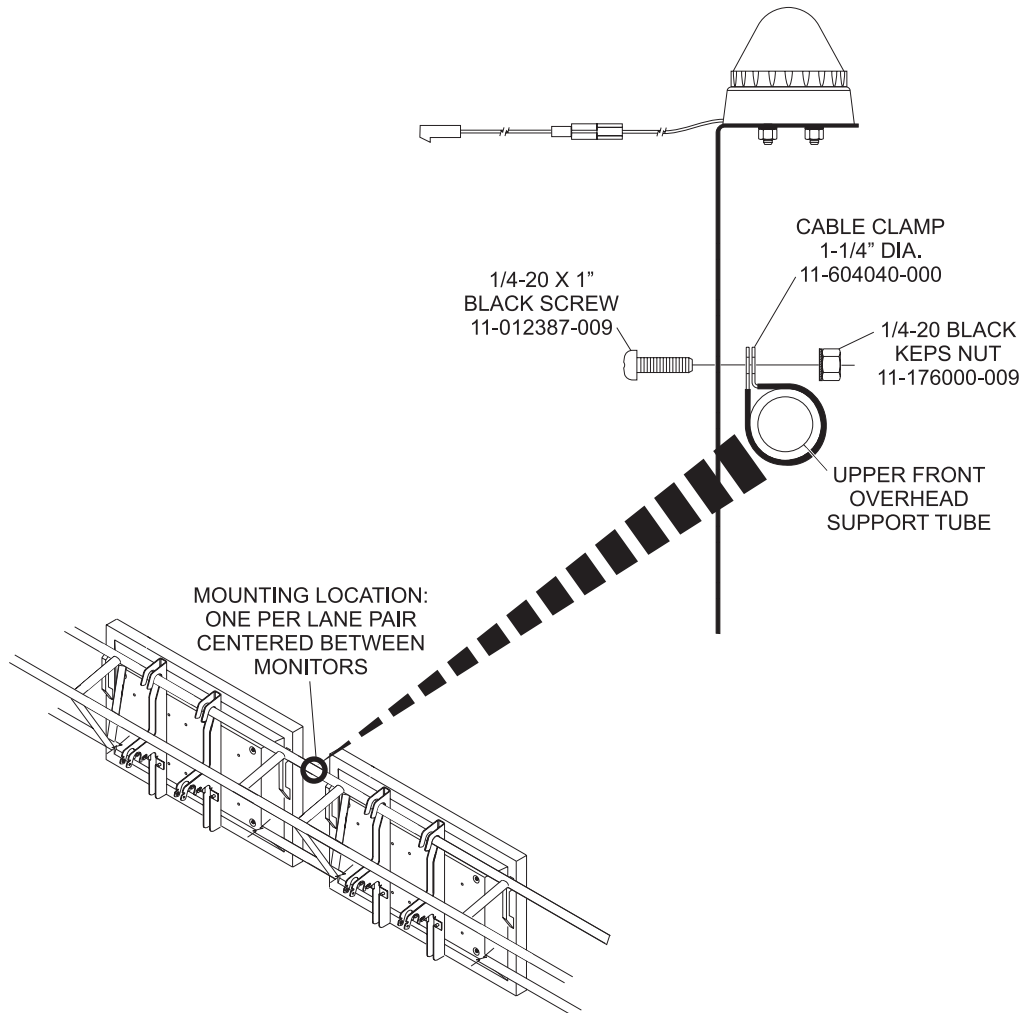
**i** **NOTE:** Install the light diffuser so the tabs DO NOT touch the wires.

7. Screw the red lens onto the base of the service light. Refer to Figure 2.

# INSTALL THE SERVICE LIGHT ASSEMBLY TO THE LCD WELDMENT

## *Triangle Tube Weldment*

1. Install the service light assembly on the upper front overhead support tube in the middle of the LCDs for the lane pair. Position the service light assembly above the top of the display. Refer to Figure 3.



*Figure 3*

2. Install the 1-1/4" cable clamp on the upper front tube with the open end of the clamp facing upward and the flat side of the clamp away from the display. Refer to Figure 3.
3. Install the 1/4"-20 x 1" black screw and the 1/4" black keps nut to secure the service light bracket to the cable clamp. Refer to Figure 3.

### Square Angle Bracket Weldment

1. Install the service light assembly to the horizontal square bar of the overhead support weldment in the middle of the LCDs for the lane pair. Refer to Figure 4.

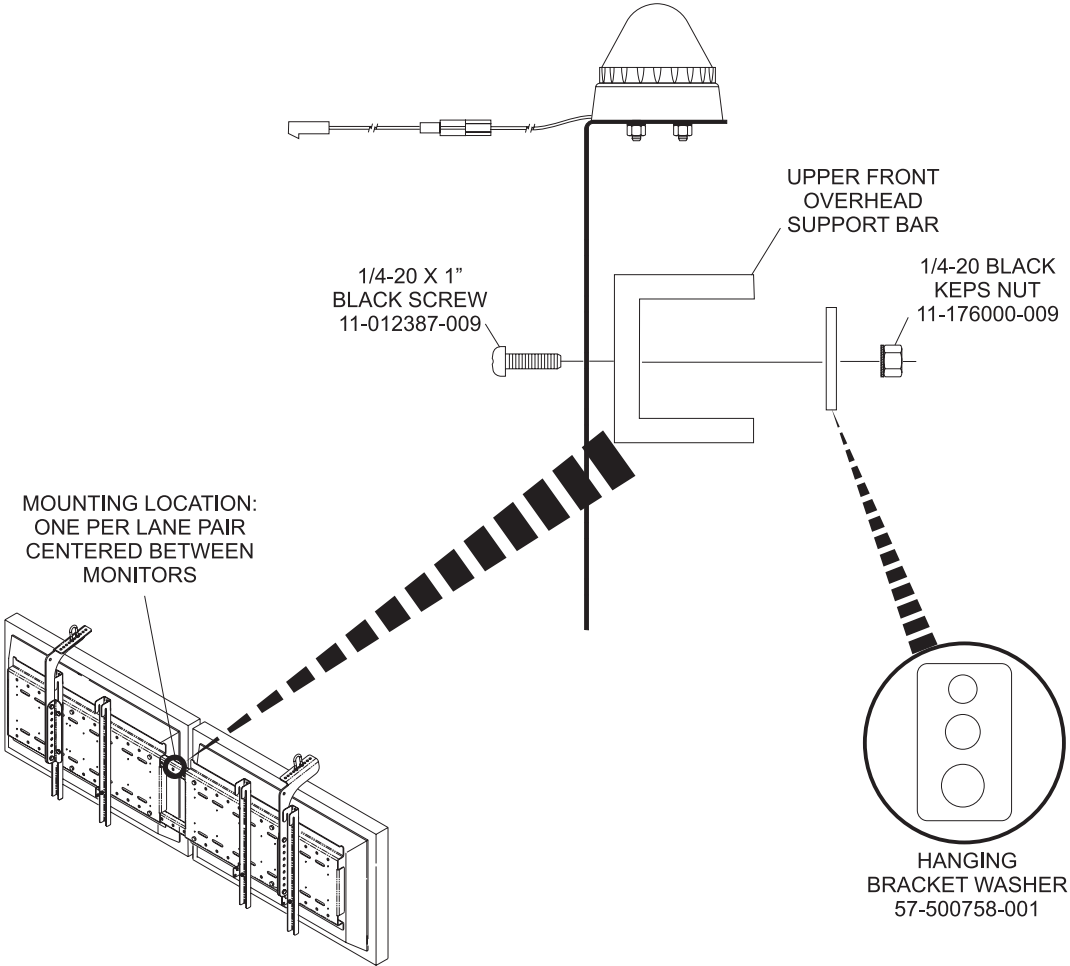


Figure 4

2. Install the 1/4"-20 x 1" black screw, the square, black washer, and the 1/4" black keps nut to secure the service light bracket to the horizontal square bar. Refer to Figure 4.

## Install Electrical Cabling

1. Remove the cover from the odd lane AS-80/90 Interface enclosure.
2. Route the extender cable to the enclosure and plug the cable into J13 on the AS-80/90 interface. Refer to Figure 5.

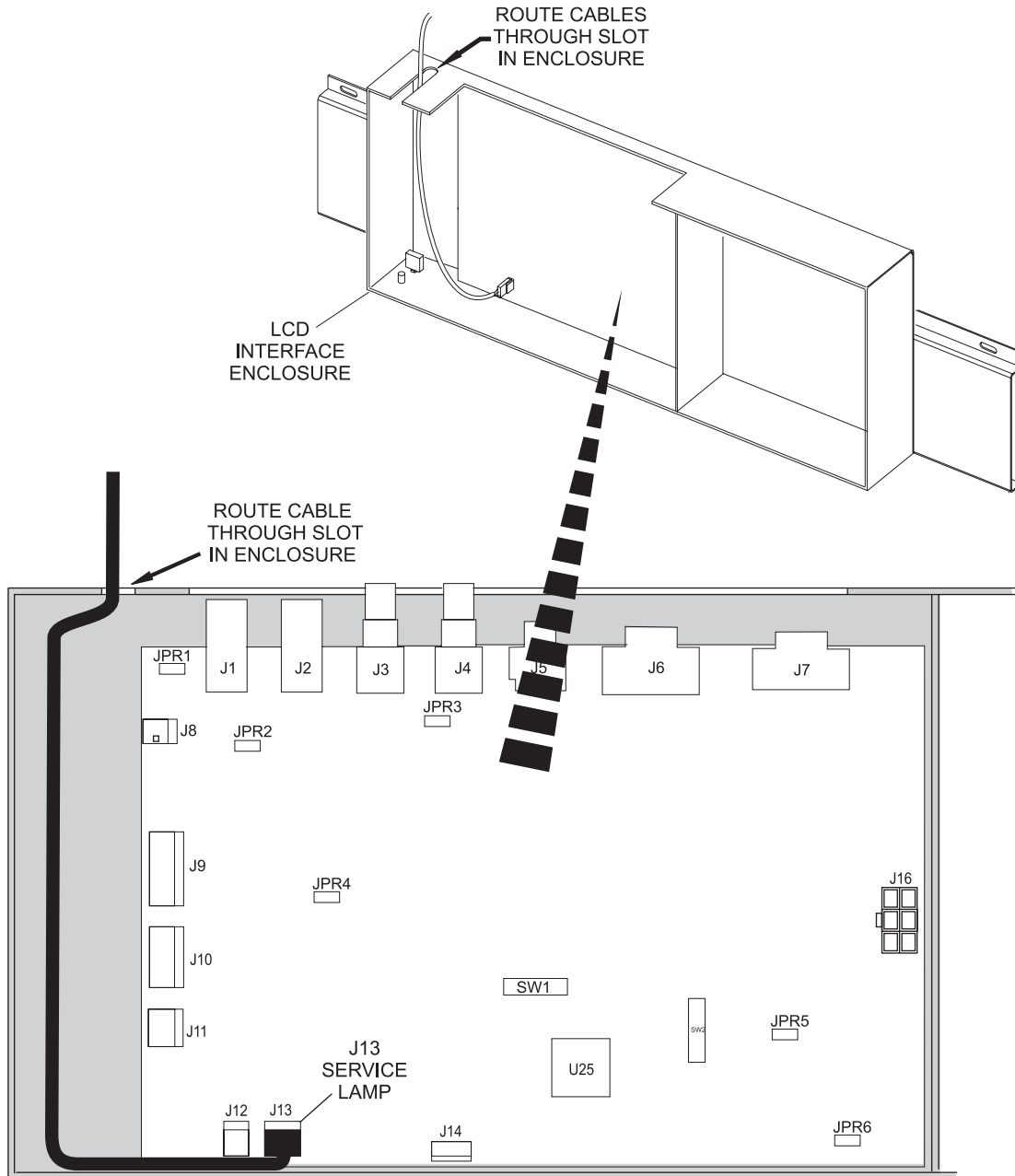


Figure 5

3. Use the black wire ties to bundle up any excess cable and secure it to the support structure.
4. Test the service light before installing the cover onto the enclosure.
5. Install the cover back onto the AS80/90 enclosure. Make sure the screws are tight.

## TROUBLE SHOOTING

1. Check to make sure the enclosure has power and all power LEDs are lit.
2. Check to make sure the service light cable from the scorer is plugged into connector J12.
3. Remove the connector from J12 and short the two J12 pins on the PCB.
  - a. If the lamp lights, there is a problem with the AS-80/90 console or the cable between the console and the enclosure.
  - b. If the lamp does not light, the problem is either in the AS-80/90 Interface PCB or the service light assembly.