



TECH TIP #17-1222

Side Marker Light Glare When Backing



SIDE DIRECTIONAL/MARKER LIGHTS

We have had reports of when backing, drivers being “blinded” by the side marker lights on units with the SoundOff 6” oval directional/marker lights. These lights are designed with basically 2 lights in the housing. The rear light is the directional light and the front light is the marker light. It is an LED and is very bright. As you can see in Figure #1, when trying to reverse in the dark the glare in the mirror can make it difficult to see. We have verified that these lights are “ONLY” required to flash as turns. These lights are “pre-wired” and SoundOff verified that if the proper procedure is followed to ensure no water wicking through cut wires, the warranty will not be affected.

NEW BUS OPTION #LGT-132

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Figure #1

The lights plug into the harness which is in a pretty protected area. The only real water that we need to be concerned with is the condensation from temperature change. Basically what we are doing is cutting the red and black wires on the light and then splicing the red and black from the light to the red wire going to the plug (Figure #2). There are two preferred methods to properly seal and ensure no water wicking. Either using “heat shrink” butt connectors or sealing by wrapping with electrical tape (Figures #3 & #4).

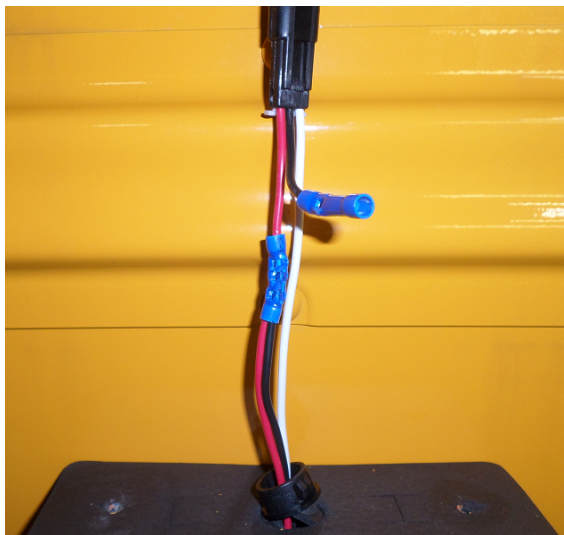


Figure #2

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Figure #3



Figure #4

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