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**Technical Bulletin**

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**Topic:** LED Tail Light Initial Installation - Clarification

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It has come to our attention that many of the repair vendors are having a problem connecting some of the PL3 plugs into the Peterson and the UB Light LED tail lights. We have investigated this complaint and have noted the following

- There is a problem with a number of the UB LED tail lights. In approximately 1/3 of the lights produced epoxy was dropped into one of the pin sockets which will not allow the PL3 plug to seat completely
- The pins on the UB Light PL3 plug are inconsistent in size which results in many of them being unable to seat completely in the socket.
- The Peterson PL3 plug seats and locks well in both the Peterson and the UB Light Single diode LED

UB light has reexamined and sorted their entire inventory of single diode tail lamps and believe that they have identified and eliminated all the lights with the “defective” sockets. They are reasonably confident that they have addressed the problem and all future shipment should not have the defect with the socket.

UB Light is also redesigning their PL3 Plug to make it into a truly universal PL3 plug. Until the redesign is completed, the UB Light PL3 plug is not acceptable.

As a result of our research on this matter CCM believes that the following actions should be taken by all locations participating in LED Installations

All repair vendors participating in the LED transition program and installing UB Lights should immediately contact the nearest UB Light distributor to discuss exchanging all current inventories of both LED tail lights and PL3 Plugs.

Vendors can opt for replacing the existing lights with either the reexamined UB Tail lights or for the Peterson LED tail lights. All PL3 should be exchanged for Peterson PL3 plugs only.

On initial installations only, all existing PL3 plugs are to be replaced using a new Peterson PL3.

To ensure that CCM is billed correctly all LED light initial installation should be billed as follows:

Tail Light - KTL-RR Tail light remove and replace – this damage coding includes the replacement of the light and the pigtail (PL3 plug). Allowed time - .25

NOTE: existing PL2 plugs do not need to be changed when initially installing LED Marker lights. Any vendor replacing the existing PL2 plug should be questioned for cause.