



July 20, 2021

Subject: Change to SAE/USCAR-2, Rev 7

Changes have been made to the USCAR-2 specification.

Situation:

A manual pin protection plate (PPP) of a connector was not reset between mate and unmate cycles.

Change to USCAR-2:

USCAR-2, Revision 7 Section 5.1.7 for connector cycling has been updated as shown. The changed section is in yellow highlight. The change is effective immediately.

5.1.7.3 Procedure

1. Completely mate and un-mate each connector or terminal pair 10 times.
 - a. When working with terminals only, use caution to assure that mating and un-mating is done along terminal centerlines to prevent side pressure that may distort either terminal.
 - b. On connectors with Shorting Bars, complete the Dry Circuit measurement across the shorted contacts (connector un-mated) per section 5.3.1. Record the number for later use in calculating the resistance change as part of the Dry Circuit Test procedure.
 - c. If connector under test is a male connector with a pin protection plate, reset the PPP after each mating.
2. Re-mate connectors or terminals for one last time in preparation for future test sequences or follow directions in the respective procedure to follow.