



March 29, 2022

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

Changes have been made to the USCAR-2 specification. Section 5.6.6 has additional detail on sample preparation. These changes take effect today and are applicable to USCAR-2 revision 7. Comments and questions can be sent to EWCAP@uscar.org.

Situation:

Clause 5.6.6.3 #4 is not clear on how sample sets should be prepared to simulate appropriate wire stress for leak testing.

Resolution:

The instructions have been rewritten to clarify this. Clause 5.6.6.3 #4 is changed to:

Bend, do not apply a load, and secure all conductors in the same direction, 90 degrees to the back of each sample connector half and secure them in this position using actual conductor dress shields if available. This is to simulate dressing of the conductors as they exit the connector and is intended to stress the conductor seal(s) as in actual applications. If actual production dress shields are not available, simulate allowable worst-case production application intent as closely as possible. Ensure that the tube is not kinked, squeezed shut or otherwise obstructed. The tube should be left out of the 90-degree bend if feasible. Seal all loose conductor ends to eliminate possible leakage through the conductor strands.