



Date: 11/1/2018
Subject: Change to SAE/USCAR-17, Rev 5 Section 4.2.6.5 (Letter #1)
To: Users of USCAR-17

This letter describes an update to SAE/USCAR-17 Revision 5. It is effective as of the date above. The changes are:

- Section 4.2.6.5 #3 has been rewritten for clarity
- A requirement has been added (Section 4.2.6.5 #4) that forbids stray braid strands (strands not captured under the ferrule).

Updated wording is shown below. Comments and/or questions should be addressed to EWCAP@uscar.org

3. The braid shall be in contact with the ferrule at more than 75% of the intended interface points as determined by observation. This is a qualitative evaluation looking for gross asymmetry and voids. Repeated section cuts of the same sample are allowed and only one section needs to pass. An example of accept and reject cross sections are shown in Figure 4.2.6.5-C. Note that the "ACCEPT" examples show both hex "O" crimps. "O" crimps achieve the best performance and may be needed for small cable sizes to meet this requirement. NOTE: Other braid crimp technologies are acceptable provided they meet all electrical and mechanical performance requirements of this specification and are approved by the OEM.

4. Stray braid strands (not captured under the ferrule) are unacceptable.