



19 May, 2016

Subject: Change to SAE/USCAR-38, Rev 1 (Letter #1)

Please see the following for a clarification to the USCAR-38 specification  
Comments and/or questions should be addressed to [EWCAP@uscar.org](mailto:EWCAP@uscar.org)

**Applicable Sections: 4.7.2 Step 2**

**Concern:** There is incorrect figure reference to Figure 4.7.4D

**Solution:** Change reference to Figure 4.7.4B. Since there is no Figure 4.7.4D, this error will easily be caught in the labs.

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**Revised Wording:**

Prepare the resistance measurement point(s). For single cable welds, prepare a point on the cable  $100 \pm 3\text{mm}$  min. from the rear edge of the terminal conductor grip (or end of pad if there is no grip) by applying solder to stripped wire at Point C per Figure 4.7.4A or B as applicable (use of a measurement point  $>100\text{mm}$  is acceptable as long as the measurement length is consistent for all samples).

For welds comprising multiple cables, prepare a measurement point per above on each cable  $6\text{mm}^2$  or smaller (for dry circuit measurement) per Figure 4.7.4A. Electrically join all cables over  $6\text{mm}^2$  to form points C and D per Figure 4.7.4B (for creation of voltage drop measurement point).