New to the Metal Repair segment this year will be a cosmetic repair to an aluminum dent. The competitor will be tasked with using metal repair techniques, combined with applying heat with a heat gun and monitoring heat with a noncontact (infrared) thermometer, to metal finish a dent in an aluminum panel. There will not be body filler applied to this activity, and the dent should be restored as close to the original contour as possible. To help keep the cost of tool shipment down for the competitors, the hand tools (body hammers, dollies, picks, and files) that are provided will be used for both aluminum and steel activities. It is not necessary to ship any tools for this segment of the contest. For the 2019 contest, the aluminum cosmetic repair will NOT be scored.
In 2019 the Attachment Methods Segment will be demonstrating a sectioning procedure that will be scored in 2020. This portion of the competition will require the competitor to use a repair manual to research the and mark the correct sectioning location on a frame rail, identify the welding locations and the types of weld need to repair the rail to manufacturers specification. The competitor will be welding the frame rail in the locations indicated by the manufacturer specification.

This portion of the competition will become a scored part of the Structural Analysis and Attachment Methods Segments and the centerline gauges will be replaced by this new segment in 2020.