

SECTION : 501-26 Body Repairs - Tolerance Checks

VEHICLE APPLICATION : 2008.0 Falcon

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## DESCRIPTION AND OPERATION

### Alignment Check

If there is a concern that the body has been deformed, the body must be measured. Several measuring procedures and tools can be used for this purpose.

With simple measuring systems, it is possible in most cases to draw a conclusion about the extent of the damage through a quick measurement without time consuming assembly work (straightening jig).

**NOTE:** For the floor pan and the exterior of the vehicle, measuring data is contained in the vehicle specific repair instructions for each vehicle. Manufacturers of measuring and straightening jigs create corresponding measurement sheets for each vehicle.

Data sheets with the body frame dimensions for body measurement are specified in the model-specific repair instructions in each case.

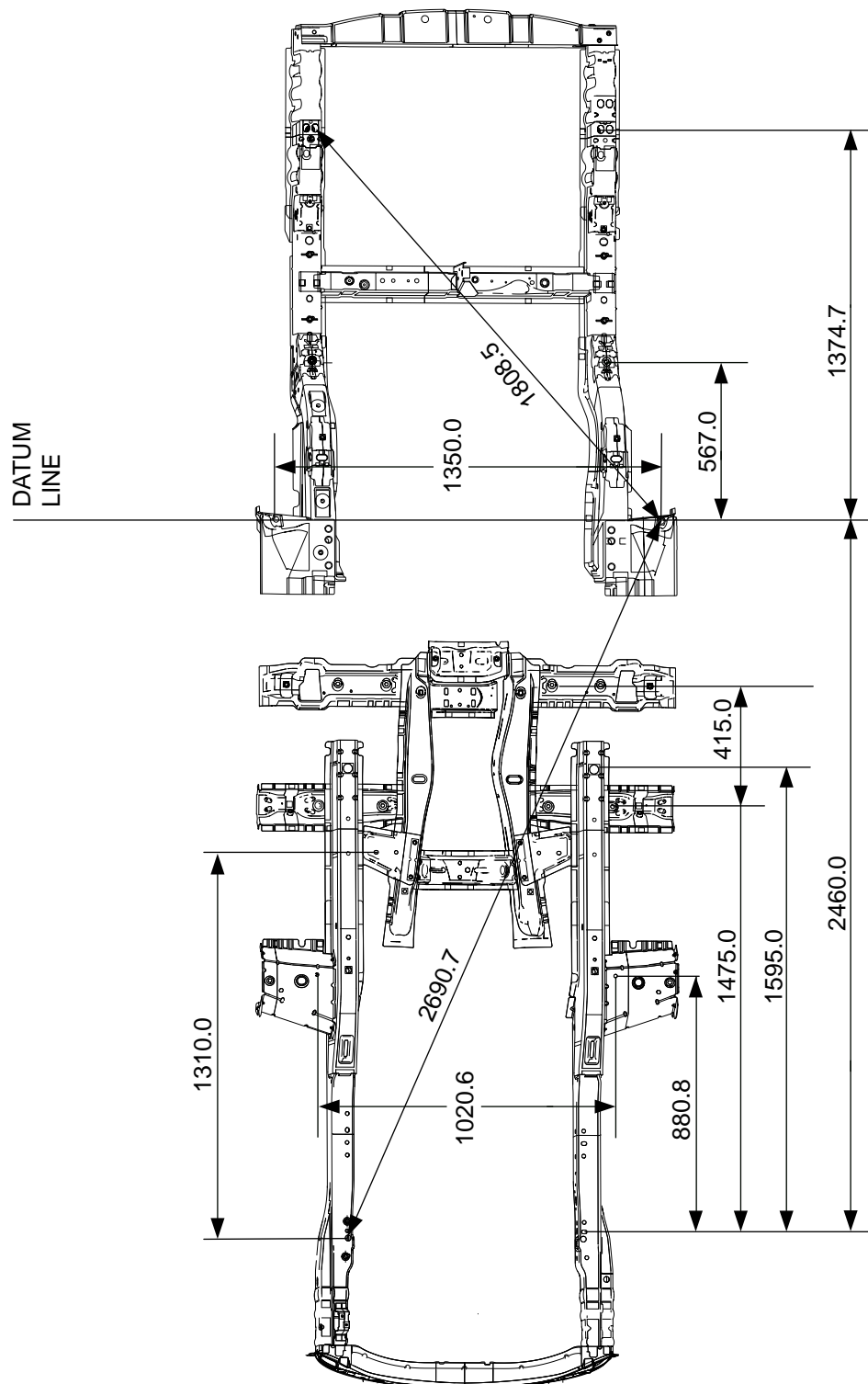
All dimensions were measured with the aggregates removed, starting from the centre of the hole, using an electronic measuring system and are specified in mm.

A tolerance of  $\pm 1.5\text{mm}$  applies to all specified dimensions.



**BODY REPAIRS - TOLERANCES**

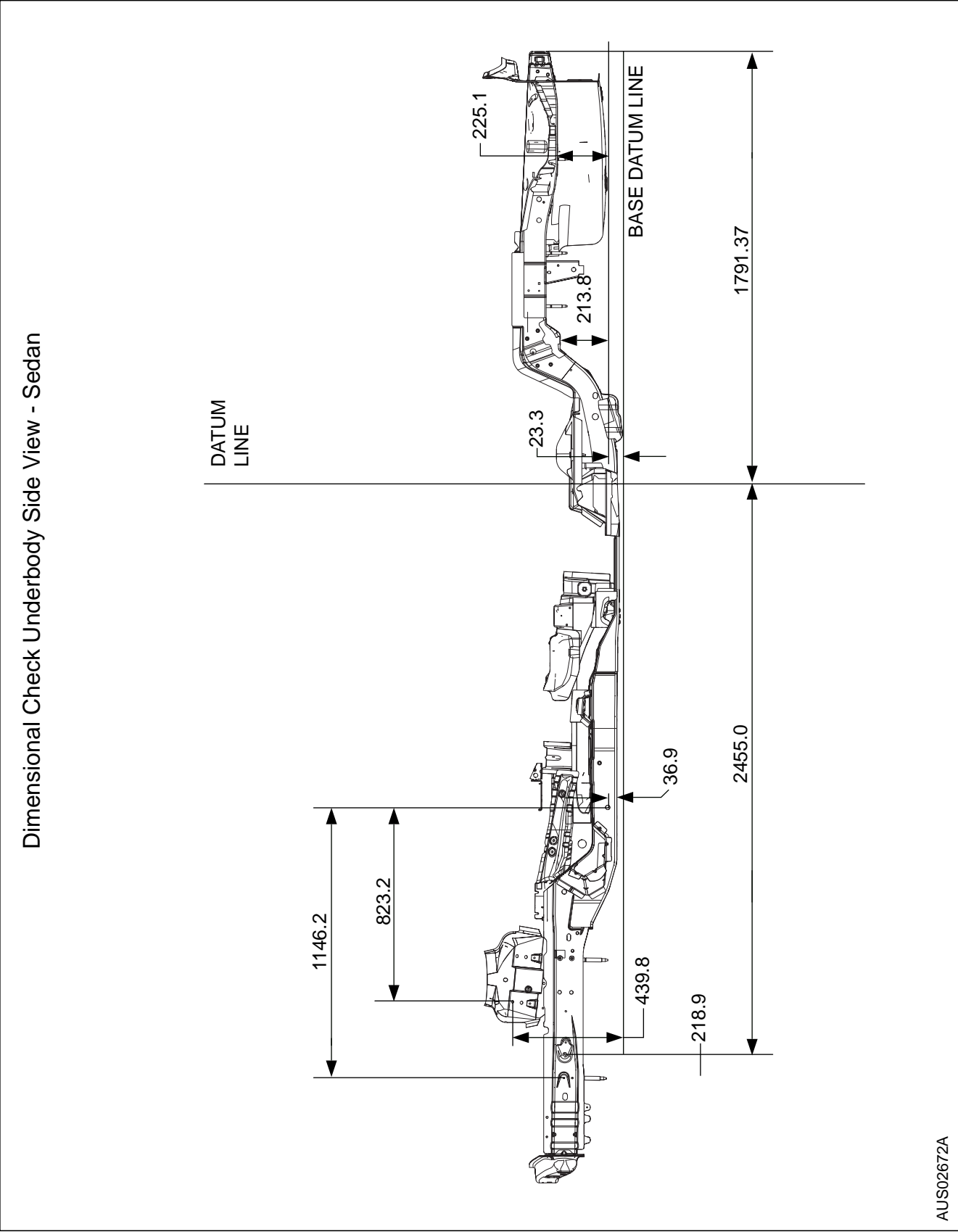
Dimensional Check Underbody Plan View - Sedan



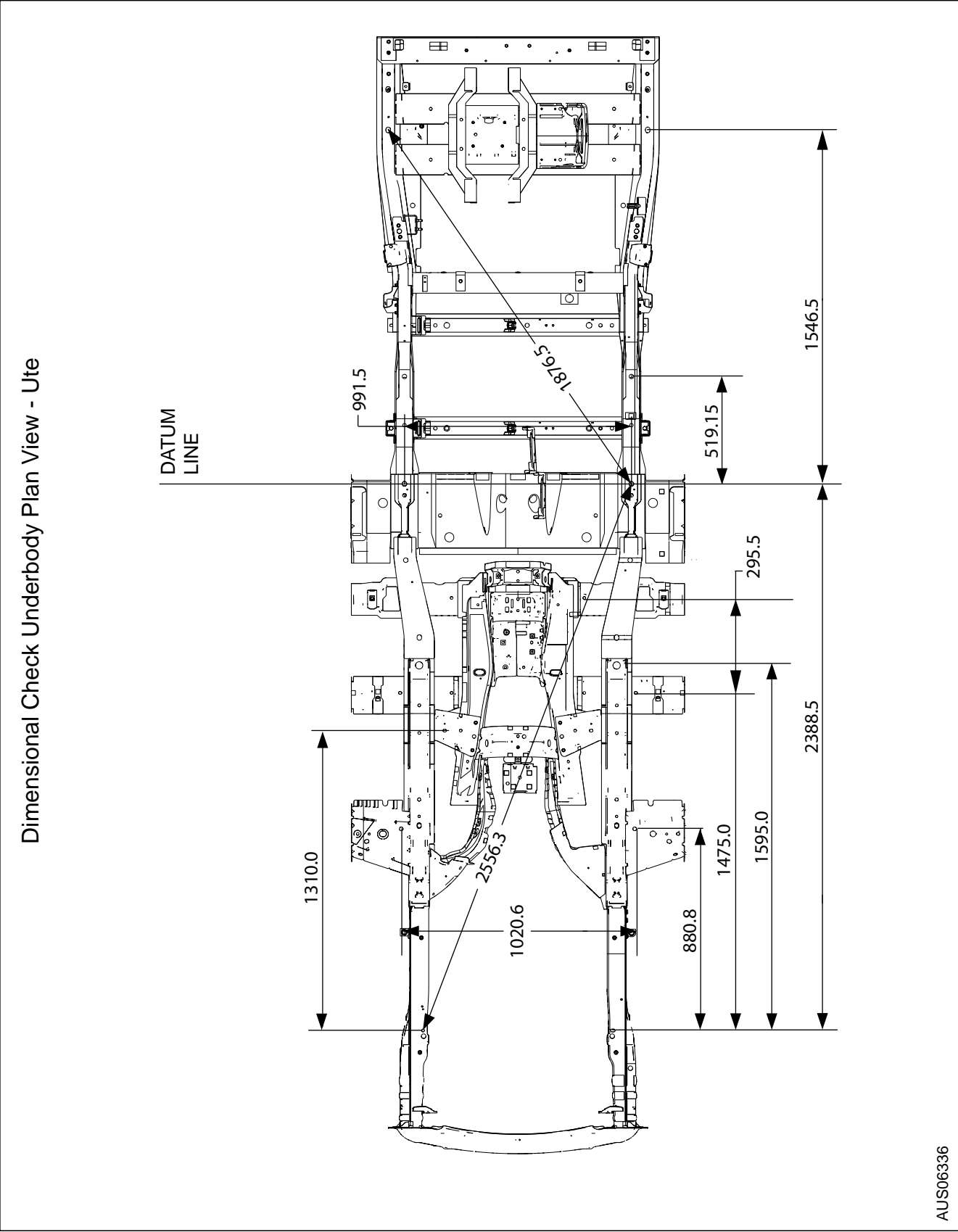
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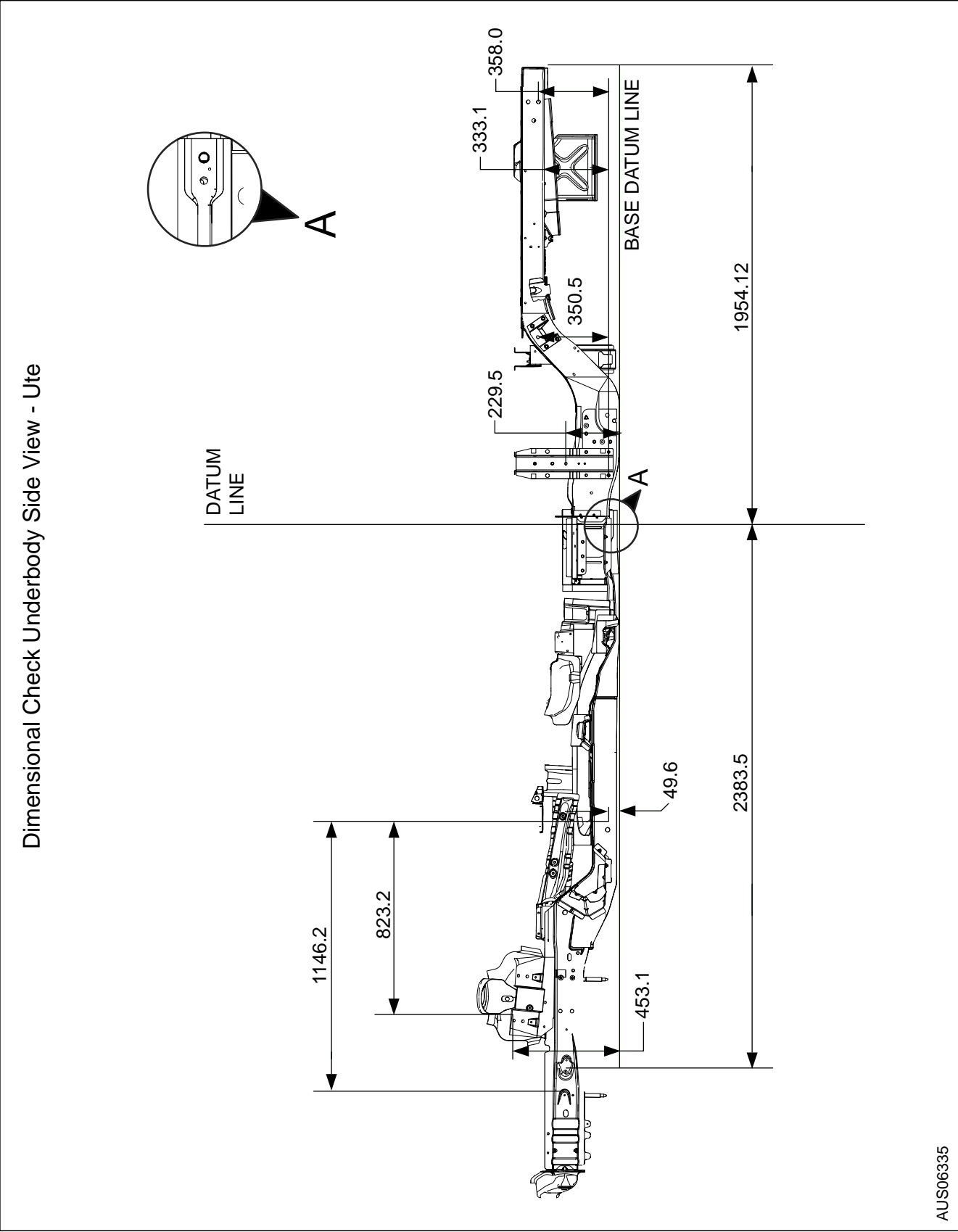
BODY REPAIRS - TOLERANCES CONTINUED



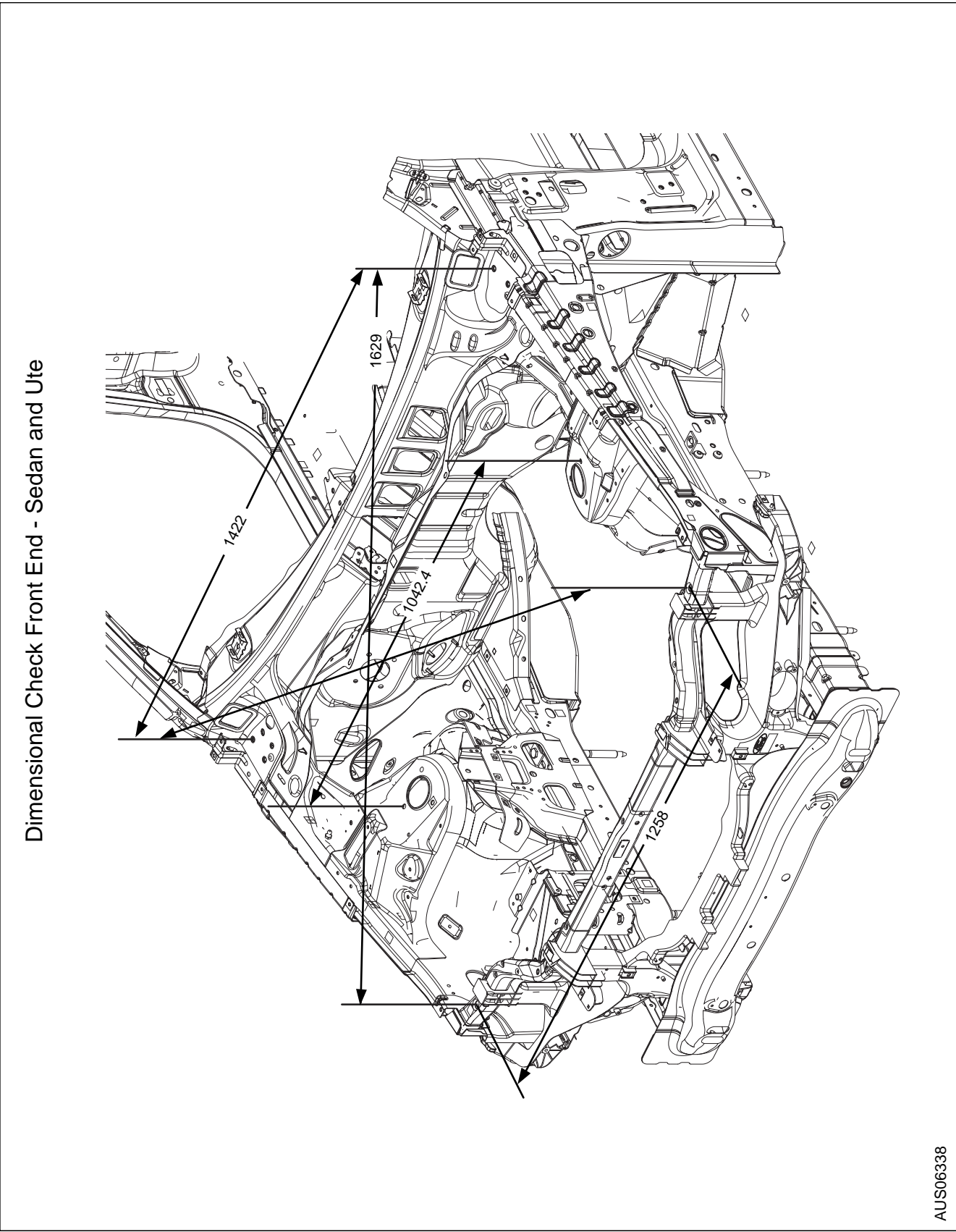
BODY REPAIRS - TOLERANCES CONTINUED



BODY REPAIRS - TOLERANCES CONTINUED

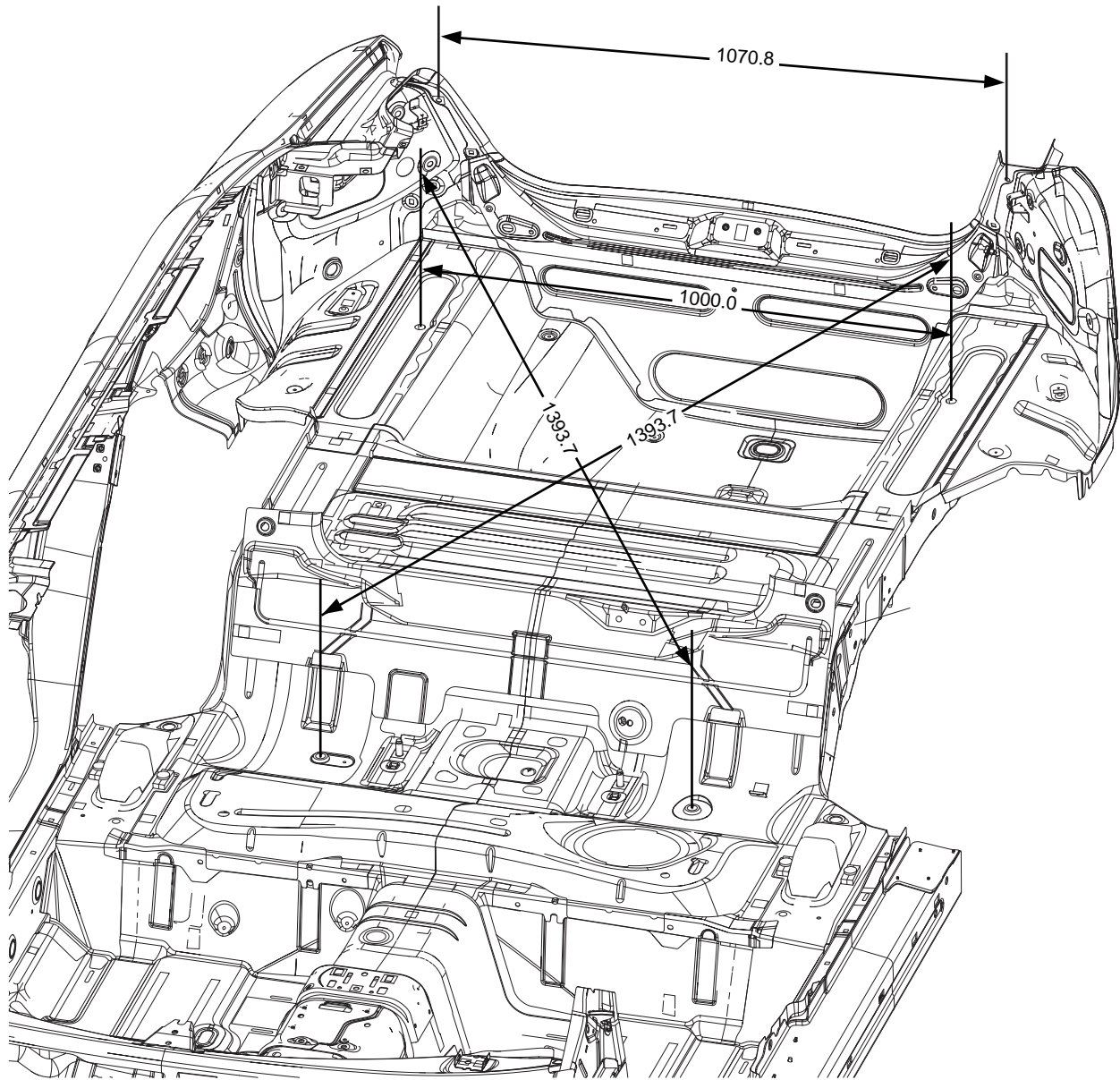


**BODY REPAIRS - TOLERANCES CONTINUED**



**BODY REPAIRS - TOLERANCES CONTINUED**

Dimensional Check Rear End - Sedan

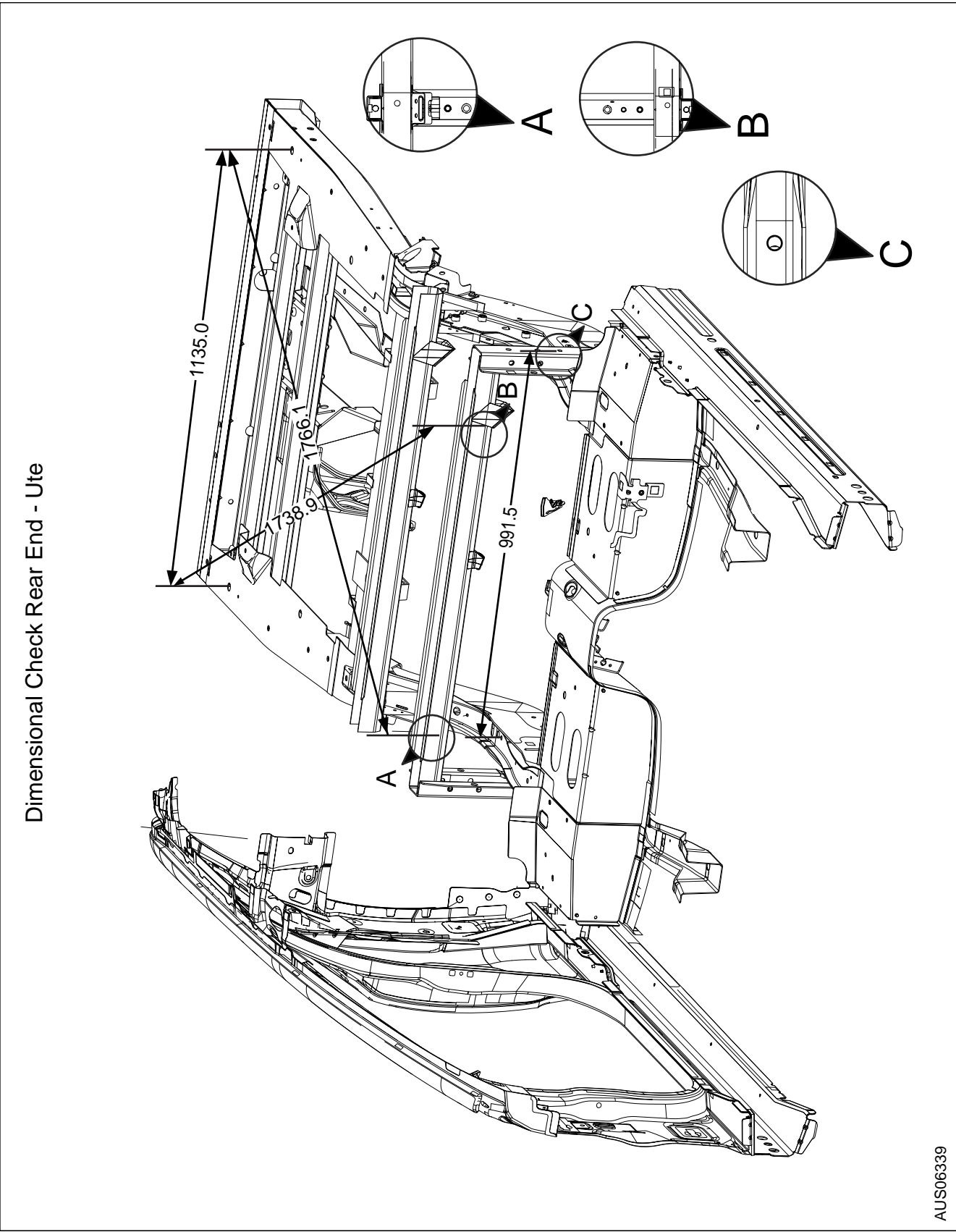


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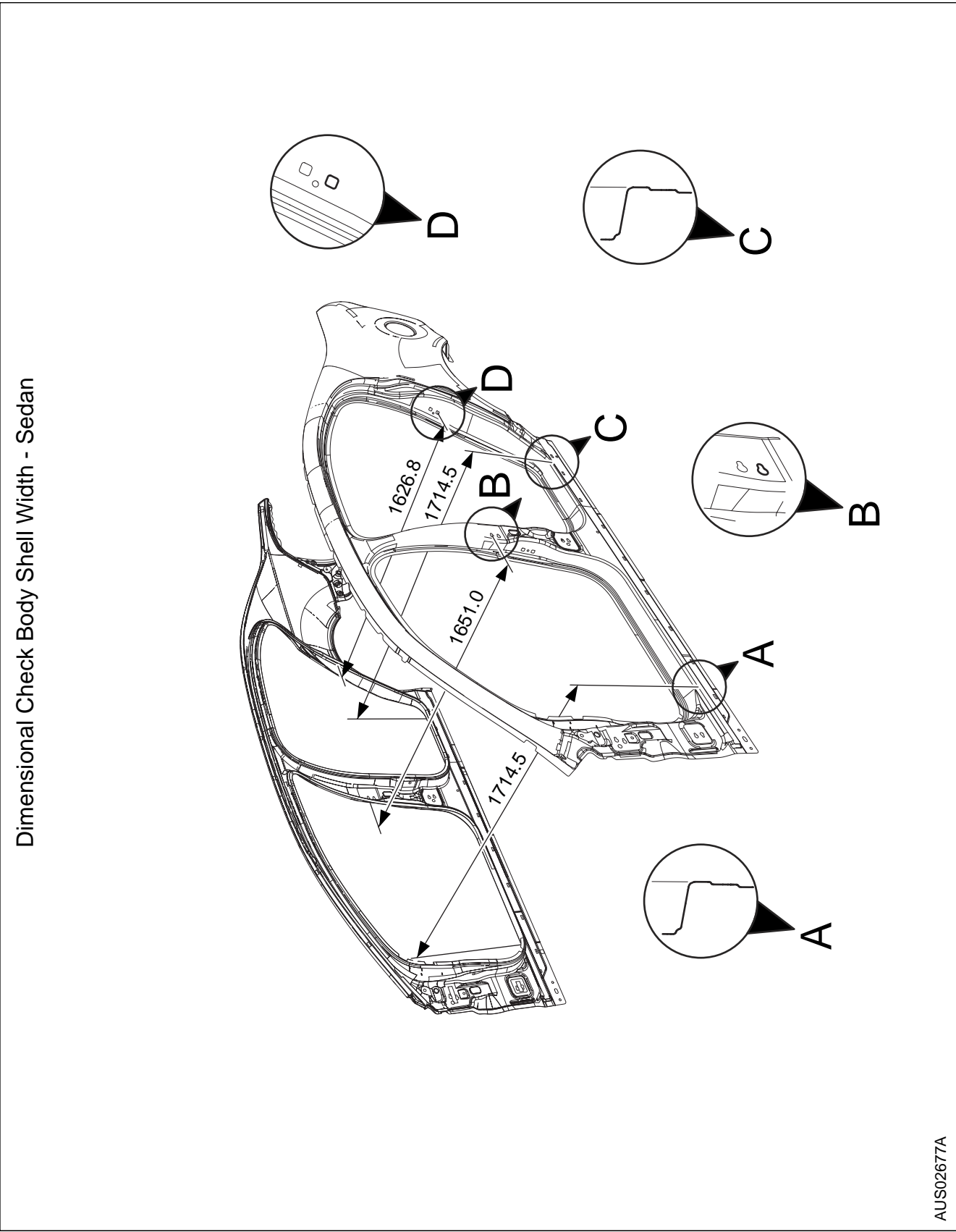




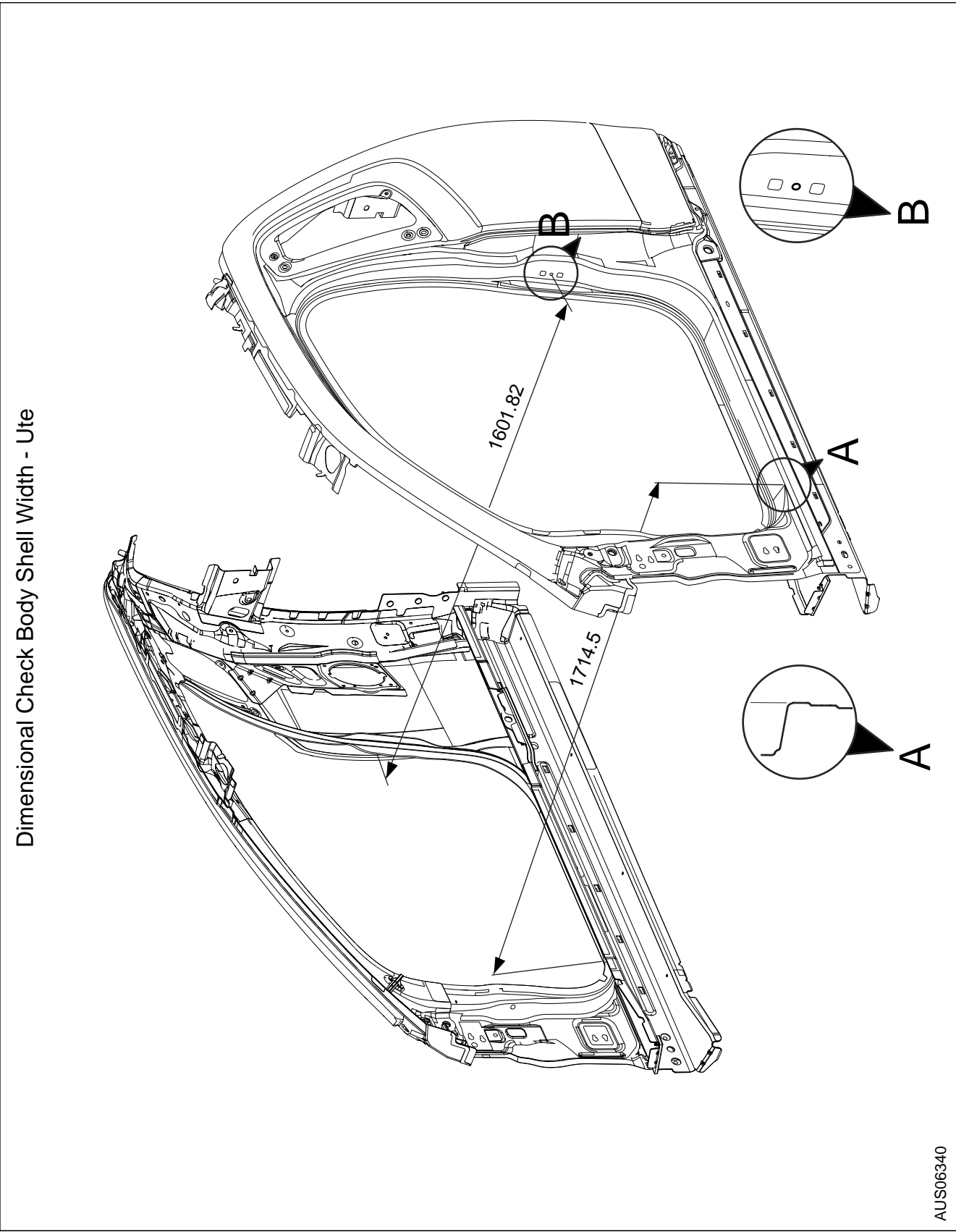
**BODY REPAIRS - TOLERANCES CONTINUED**



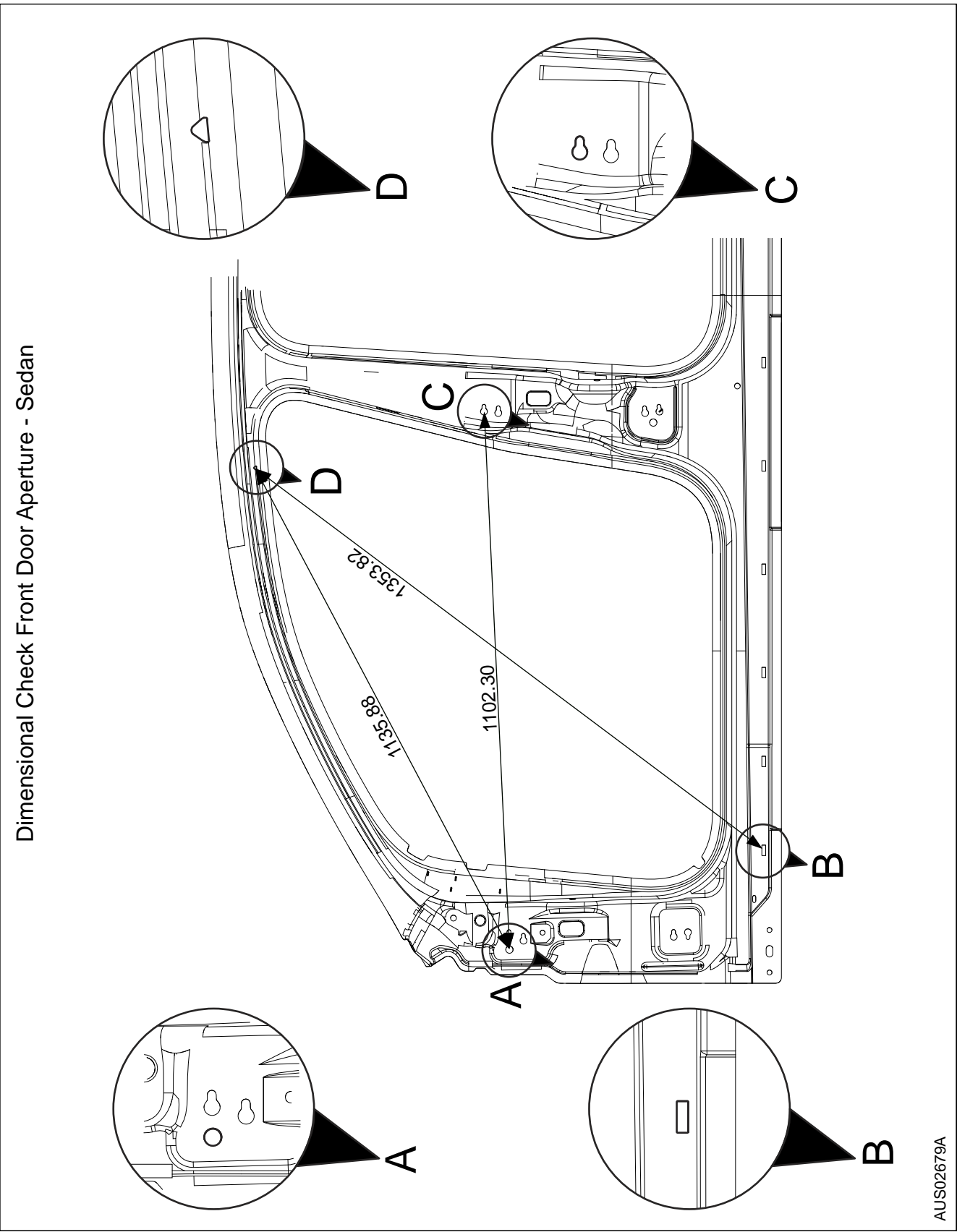
BODY REPAIRS - TOLERANCES CONTINUED

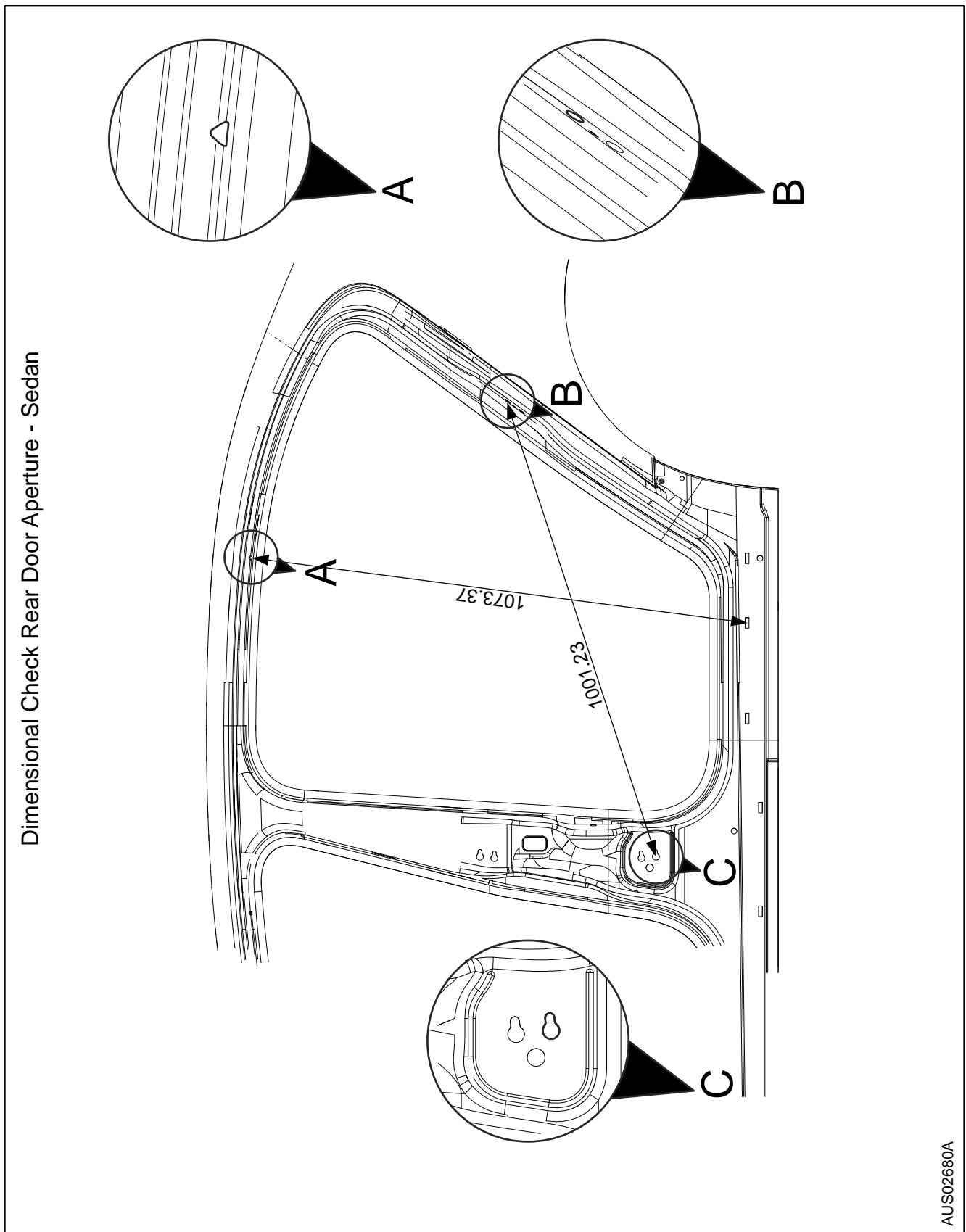


**BODY REPAIRS - TOLERANCES CONTINUED**



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**BODY REPAIRS - TOLERANCES CONTINUED**

