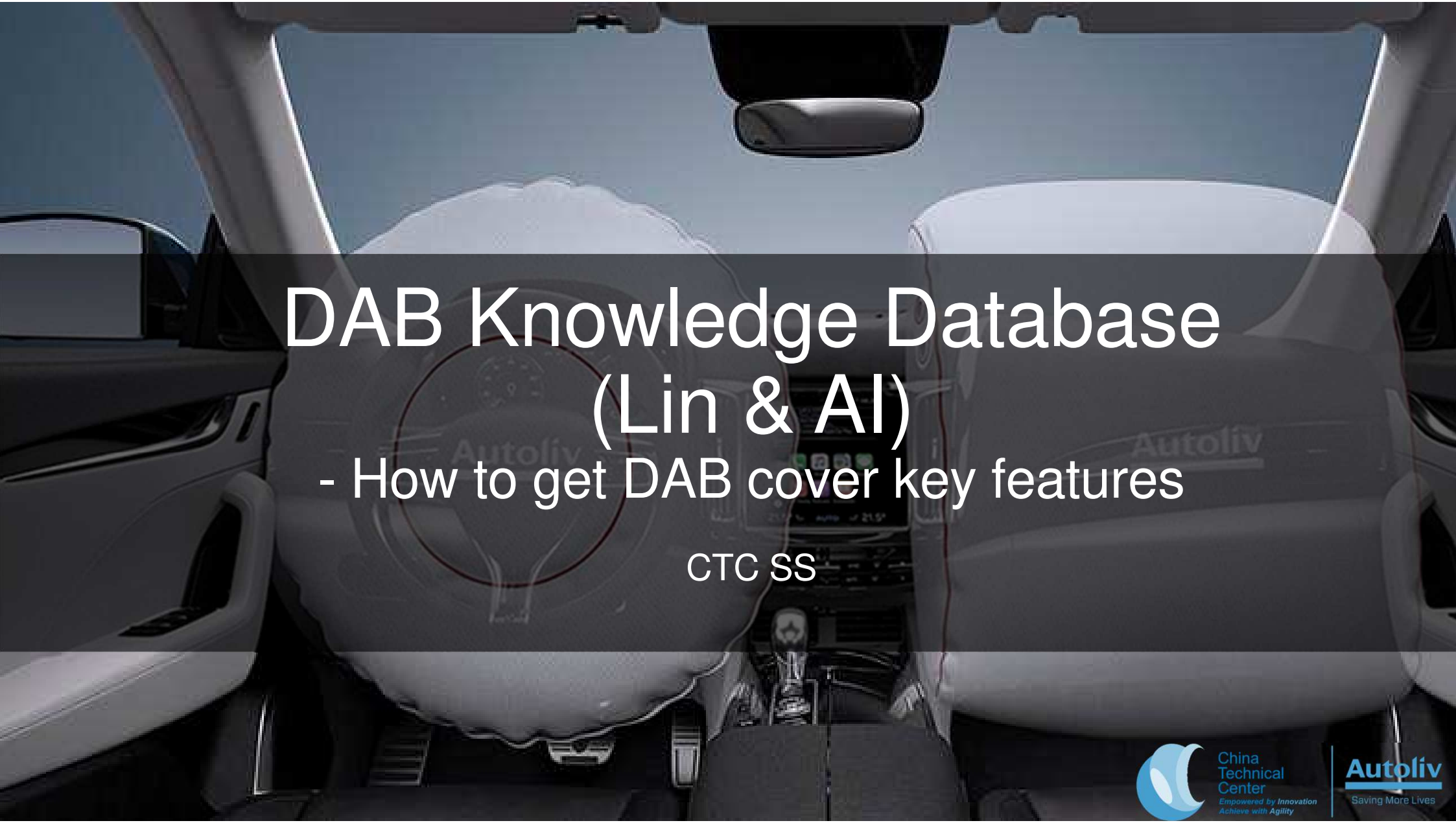

DAB Knowledge Database (Lin & AI)

- How to get DAB cover key features

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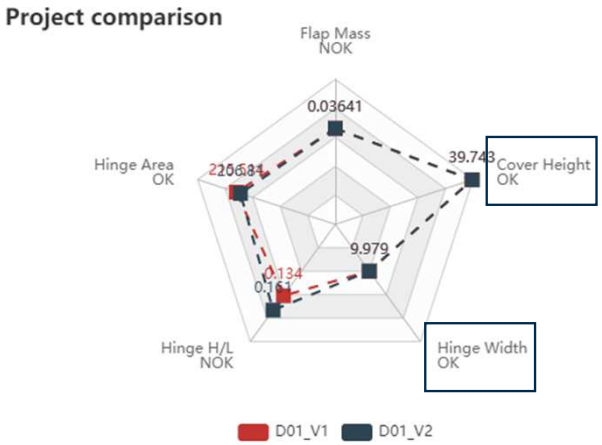
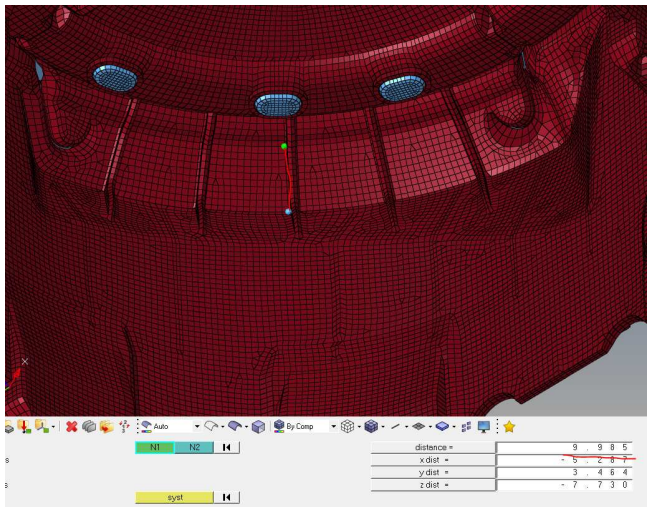
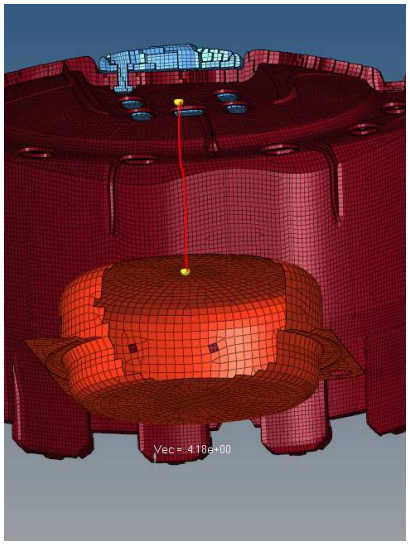
Cover Hinge Width and Cover Height



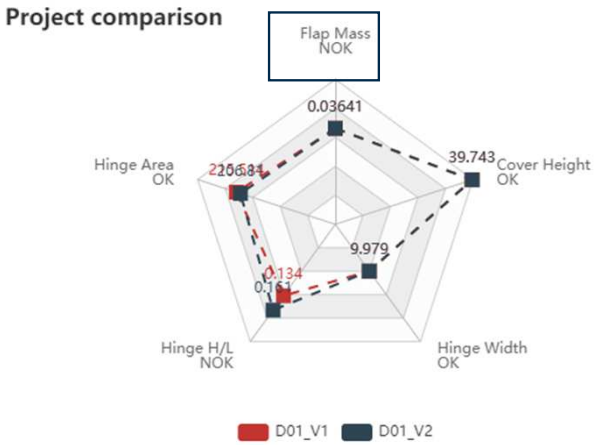


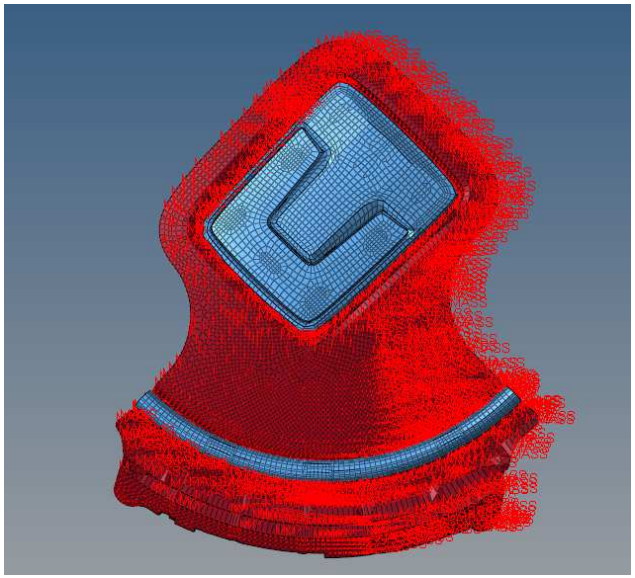
Hinge Width
distance between Geometrical features

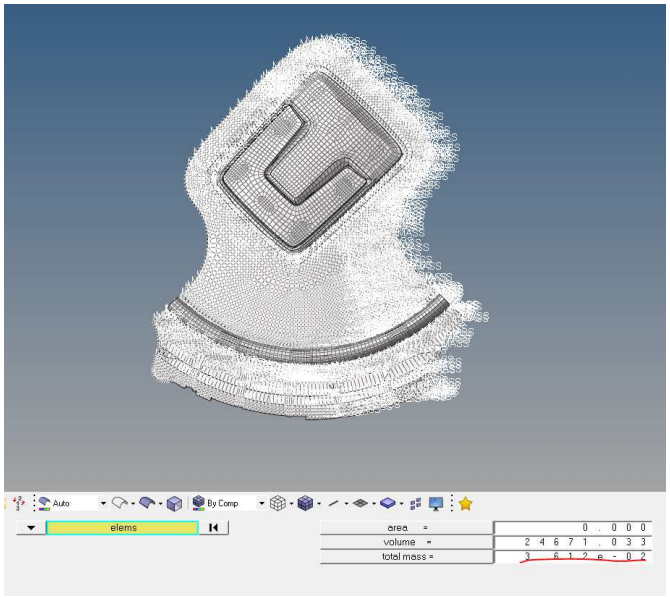


Cover Height
distance between inflator and cover inner surface

Cover Flap Mass

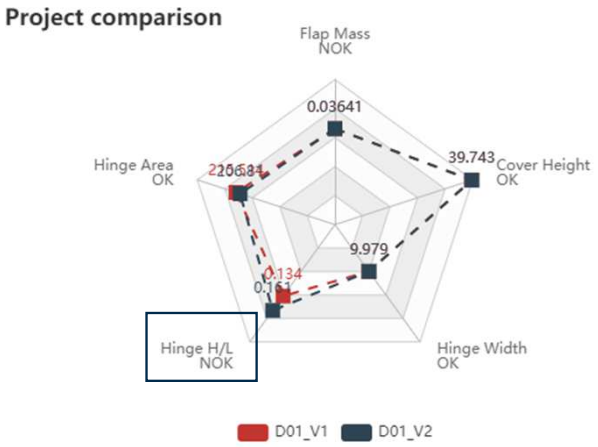


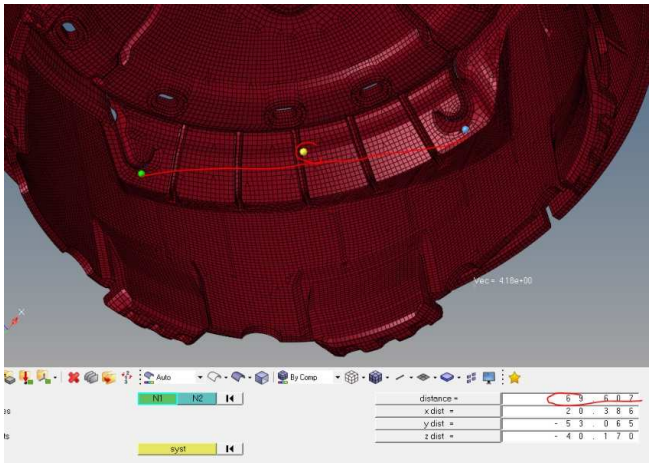




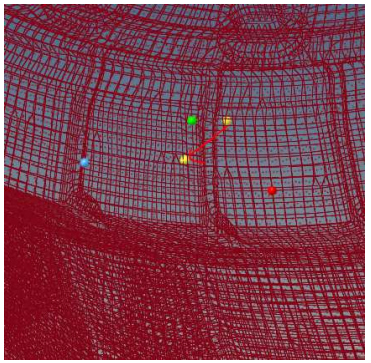
Cover Flap Mass (with emblem)

Cover Hinge H/L

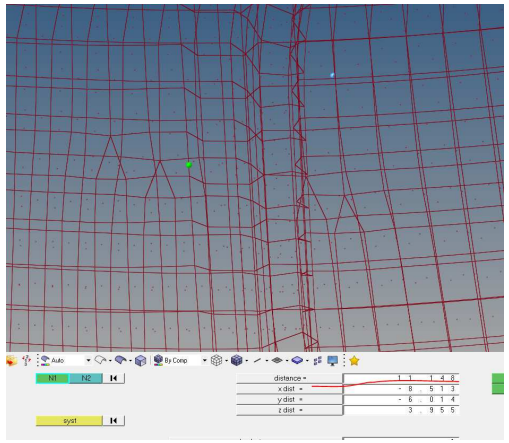




1st Get distance of length hinge(L);
2nd Find Middle node;



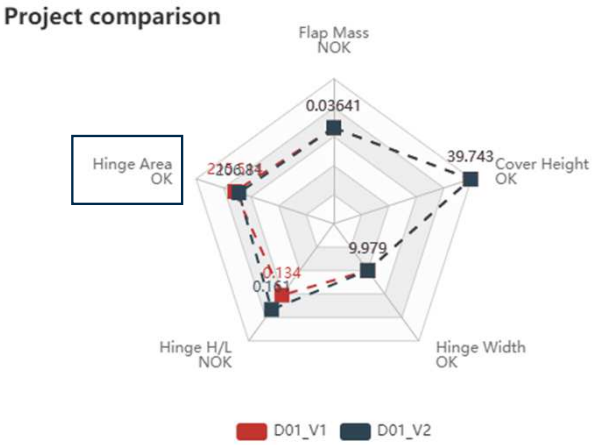
3rd Project middle node to outer surface of cover;

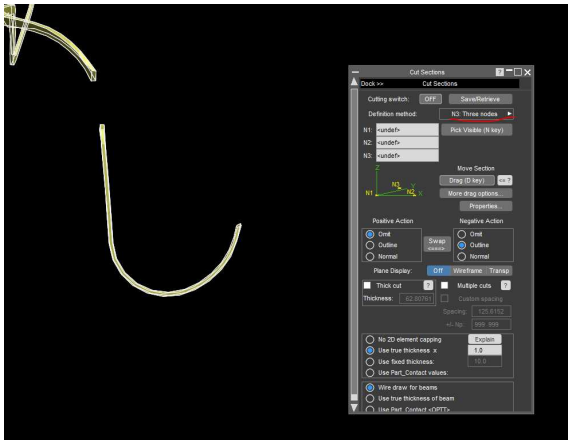


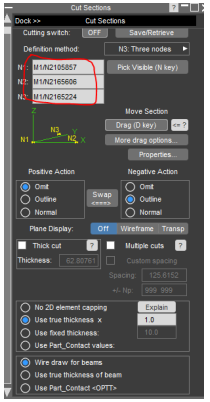
4th Get distance between middle mode and projected node(H).

H/L = 11.148/69.607=0.160

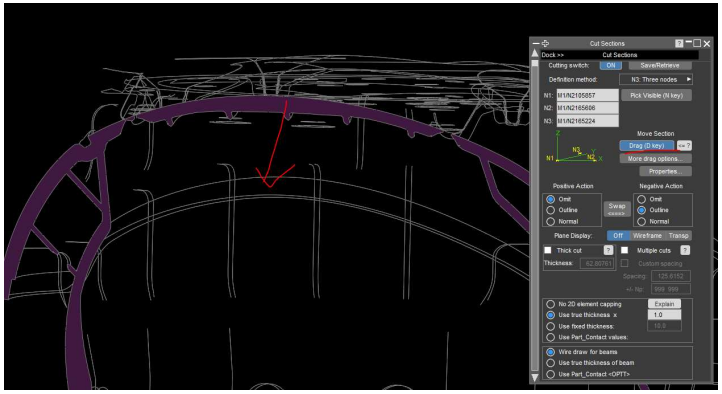
Cross-section Area of Cover Hinge



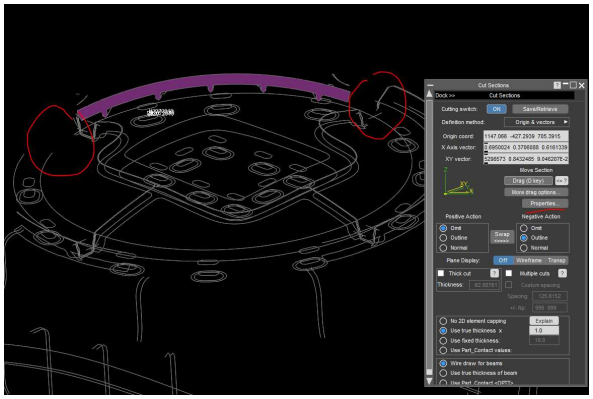




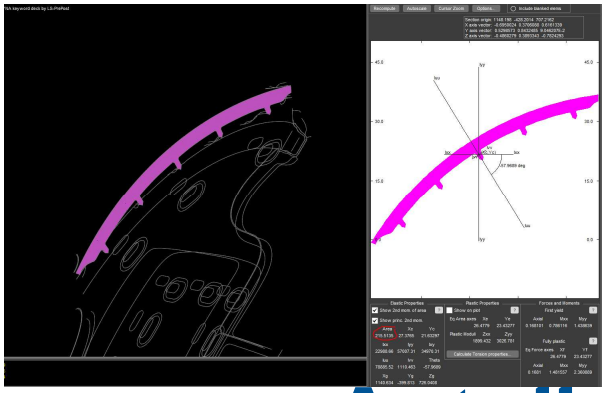
1st Define cross-section by picking 3 nodes



2nd Drag cross-section area to find minimum area.



3rd Remove elements



4th Get area form GUI


THANKS!
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