

KES

Head Impact Measurement of FMVSS

KES T – I873

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1. Scope of Application

This standard shall be applied for all types of personal automobile that equips instrument panel, and whose seats look front side.

2. Purpose

This standard is to do C & FMVSS 201 test by selecting a supposed position on the instrument panel where a passenger could hit, when an accident occurs.

3. Testing Method

- (1) Fix the testing vehicle(Actual) on the flat surface.
- (2) Fix the passenger seats on the designed standard position.
 - ① Seat Slide : Very end of the back.
 - ② Seat Lift : Designed standard position.
 - ③ Seat Back : Designed standard position.
- (3) Take the seating reference point on the seat drawing.
- (4) Mark SRP point on the testing seats.
- (5) Mark the point that a line drawn perpendicularly from SRT, the point that is apart 3.25 inch from the very end toward outside(Inside) of steering wheel on the instrument panel, meets in-panel.
- (6) Mark perpendicularly the point that is apart 5 inch from the very end toward outside of the instrument panel RH side.
- (7) Have the meeting point with the instrument panel by rotating a half sphere whose arm length is 29 inches from SRP obtained by (4).
- (8) Have SRP' by moving 5 inch front, 0.57 inch up, from SRP obtained by (4).
- (9) Have the meeting point with the instrument panel by rotating a half sphere whose arm