

KES

Roll Camber Coefficient Measuring Test

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1. Scope of Application

This shall be applied to the entire cars.

2. Purpose

The purpose of this standard shall be to measure a roll camber coefficient to evaluate the influence of the suspension camber on the roll state when a car turns.

3. Evaluation Standard

It should be the same level as the competitive car.

4. Test Preparation

- (1) Adjust the loading unit to the middle position of its operation span and set the test car on it.
- (2) Measure and record the camber angle ($\varnothing$ 1) of each tire at the condition of empty car by using a wheel alignment measurer.
- (3) Lock the steering.
- (4) Attach the camber measuring jig at each tire of the rear side to measure.
- (5) To remove friction force between the loading unit and tire, set a circular plate and ball between the loading unit and tire.
- (6) Fix the body by using a jig.
- (7) Set the dial gauge with the same spacing on the vertical line to the wheel center by 2 EA on the loading unit.