

KES

Steering system vibration test

KES T – G323

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1. Scope of application

This standard shall be applied to all the kinds of cars for steering system vibration test.

2. Purpose

The purpose of this standard shall be to estimate the vibration in the direction of up and down, front and rear, left and right (except for shimmy and shake) of a handle caused by the vibration transmission rate between suspension system and steering system and supporting rigidity on driving.

3. Necessary equipment

- (1) Accelerometer
- (2) Charge amplifier
- (3) Cassette data recorder
- (4) Hi-low pass filter
- (5) Linear recorder
- (6) F.F.T analyzer
- (7) Hand-arm transducer
- (8) Each code and cables

4. Test method

4.1 Data measuring item

Measure the acceleration in the direction of up and down, left and right, front and rear.

4.2 Measuring point and driving condition

- (1) Measure at the bottom of steering column and upper of a handle.