

KES

Standard of Intake Noise Test in a Vehicle

KES T – G203A

(EST.) 1988 – 12 – 15

(REV.) 1991 – 06 – 24

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1. Scope of application

This standard shall be applied to all the kinds of vehicles, a passenger vehicle and a light truck.

2. Purpose

The purpose of this standard shall be to analyze the cause and effect of intake noise on the interior noise in a vehicle.

3. Test equipment

- (1) F.F.T Analyzer
- (2) Sound Level Meter
- (3) Tachometer
- (4) Data Recorder
- (5) Cables
- (6) Non Contact Speed Meter

4. Test method

4.1 Test preparation

- (1) Confirm if engine and intake system (Hose, A/Cleaner MTG) are normal, supported well and interfered each other.
- (2) Connect a sub A/Cleaner to fresh air duct existing without leakage. At this time, the sub A/Cleaner should not be interfered with body.
- (3) Install microphones at center of front seat, at center of rear seat (At a height of an ear) and at 5mm ahead of intake port.