

**KES**

# Alternator Thermotic Test

KES T – L317

(EST.) 1989 – 10 – 30

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1. Scope of application

This standard shall specify the alternator thermal test on all the vehicles.

2. Purpose

The purpose of this standard shall be to show the actual vehicle condition of market environment and evaluate the thermal condition of alternator.

3. Evaluation standard

The internal temperature of alternator is more than temperature guaranteed by a maker.

- (1) IC regulator (Power Tr.) .....T1
- (2) Diode (+).....T2
- (3) Diode (-).....T3
- (4) Stator Coil .....T4
- (5) Front Bearing .....T5
- (6) Rear Bearing .....T6
- (7) Trio Diode ..... T7

4. Condition for test and test method

4.1 Test vehicle : Test vehicle should be the one equipped with air-conditioner engine cooler, engine reserve, engine room L/O, bonnet shape.

4.2 Test parts

Use the alternator of below specification

- (1) Alternator used for measuring temperature.
- (2) Regulator : IC type, inclusion of alternator, temperature slope.
- (3) Output of power, appearance, structure of product specification.

4.3 Test condition