

EDS

Engineering,
GM DAEWOO Auto & Technology.
Standards

ACCELERATOR PEDAL DURABILITY

EDS-T-2311

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VERSION: 3



1. PURPOSE

Evaluate durability of accelerator pedal.

2. EQUIPMENT

2.1. Durability Test stand for accelerator pedals like photo of 2 page

2.2. Pneumatically controlled tester

3. TEST CONDITION

3.1. SPL quantity : 3

3.2. Actuating speed : 60CPM

3.3. Mounting condition

Testing under almost the same condition as in the vehicle include cable and throttle body

(The cable and throttle body are able to replace suitable JIG)

3.4. Adjust cylinder position and stroke in order to be actuated freely, actuator pedal is operating under almost the same condition as in the vehicle.

3.5. The pedal is push to become W.O.T(WIDE OPEN THROTTLE)

(Load in pedal about 6 ~ 10 kgf)

4. BOGY

1,000,000 cycles

5. EVALUATION

5.1. No crack, deformation

5.2. No abnormal wear of joint area