

EDS

Engineering,
GM DAEWOO Auto & Technology
Standards

FATIGUE TEST OF REVERSE GEAR LOCK, SHIFT LEVER

EDS-T-2216

ISSUED DATE: 1996. 07. 10

REVISED DATE: 2006. 06. 19

VERSION: 2



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1. PURPOSE

The purpose of this specification is to determine the durability of the reverse gear lock on the shift lever (RWD and FWD)

2. EQUIPMENT

2.1. Clamping board

2.2. Fixture to hold shift lever

2.3. Pneumatic operating device

2.4. Air actuator to operate the release button

2.5. Air actuator to move the shift lever to N and R, to reverse and from reverse to neutral

2.6. Control unit with
- preselect counter
- temperature control

2.7. Box with heater blower

3. PREPARATION

3.1. Place shift lever and fixture on clamping board.

3.2. Install pneumatic operating device and air actuator.

3.3. In necessary, install heater box with heater blower.

3.4. Set preselect counter to required number of cycles (refer to item 5)

3.5. Adjust test temperature on the temperature control (only in connection with 3.3) (refer to item 4.1)

4. PERFORMANCE

4.1. Conduct the test for 4 and 5 speed shift mechanism each on

2 asm. shift mechanism at ambient temperature

3 asm. shift mechanism at +80°C

4.2. Adjust the travel of the air actuator to actuate the release button so that the release button contacts the stop when pulled up

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