

## TEST MODE PROCEDURE

### 1. DESCRIPTION

#### HINT:

When using a chassis dynamometer, brake tester, etc. to perform a vehicle test, activate test mode to avoid a "different tire diameter installed" incorrect judgment.

Test mode does not have a 4WD parameter. Test mode is activated because it will prohibit a different tire diameter judgment.

Control Status	4WD Control Status
During test mode	Different tire diameter malfunction judgment (detection that tire diameter of 4 wheels are not same) is not performed. Other than above item, normal control is performed. - 4WD lock switch OFF (4WD auto mode status) - 4WD lock switch ON (4WD lock mode status)

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### 2. ACTIVATE TEST MODE

#### HINT:

Activate test mode before using a chassis dynamometer, brake tester, etc. to perform a vehicle test.

- (a) Check that the ignition switch is OFF.
- (b) Use either of the following methods to change the 4WD ECU to test mode.
  - (1) Test mode activation through intelligent tester (with CAM VIM).
    - Connect the intelligent tester (with CAM VIM) to the DLC3 connector and turn the ignition switch ON. Using the test mode activation function (mode 10), activate test mode.
  - (2) Test mode activation by shorting TS terminal
    - With the ignition switch OFF, short-circuit the TS and CG terminals of the DLC3 connector. Then turn the ignition switch ON to activate test mode.

#### NOTICE:

**When the ignition switch is turned from OFF to ON, the 4WD indicator light will illuminate for 4 seconds. Then it will turn off.**

#### 4WD Lock Mode indicator

4WD Lock Switch OFF	Illuminates for 4 seconds, then turns OFF
4WD Lock Switch ON	Remains illuminated

#### HINT:

When the ignition switch is ON and the 4WD lock switch is turned from OFF to ON, the 4WD lock mode indicator blinks twice and then illuminates.

If the indicator does not illuminate, check the bulb for burnout. Also, inspect the wire harness between the 4WD ECU and combination meter.

**NOTICE:**

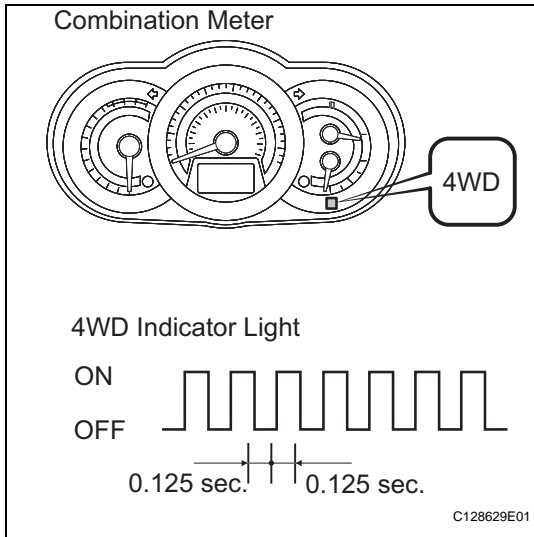
**If a part of the 4WD system has a defect, the 4WD indicator light will illuminate.**

- (c) Check if the 4WD indicator light has changed to the test mode display.
- (d) Start the engine.

**3. CONFIRM MODE CHANGE**

**HINT:**

Operate the 4WD lock switch, and check that the 4WD control mode changes.



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4WD Lock Switch Status	4WD Lock Mode Indicator Status	4WD Control Status
OFF	Turns off	4WD auto mode
ON	Illuminates	4WD lock mode
Switch changed from OFF to ON	Blinks twice, then illuminates	At moment of illumination, changes to 4WD lock mode