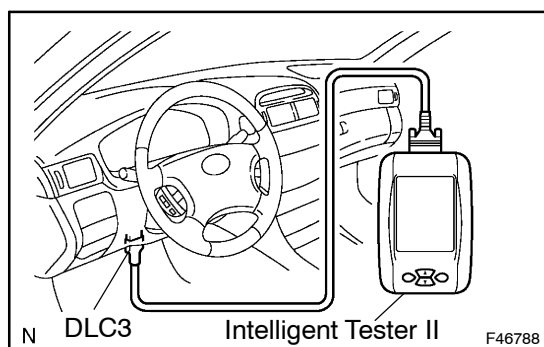


TEST MODE PROCEDURE

1. TEST MODE

HINT:

- By switching from normal mode into test mode, you can inspect the height control switch, absorber control switch, front acceleration sensor and rear acceleration sensor.
- When entering the test mode, the suspension control ECU sets all the test mode DTCs first.
After completing the test mode for each check item, the test mode DTCs that are determined normal by the suspension control ECU will be erased.
The test mode DTCs for other check items may not be erased when only a certain signal is inspected.
- When the test mode returns back to the normal mode, all the test mode DTCs will be erased.



(a) Procedure for Test Mode.

- Make sure that the ignition switch is off.
- Set each of the check items to the condition in Operation (A) in the Test mode table below.
- Connect the intelligent tester II to the DLC3.
- Turn the ignition switch to the ON position.
- Select the SIGNAL CHECK mode on the intelligent tester II.
- Set each of the check items to the condition in Operation (B) in the Test mode table below.

Test mode table:

Check Item	Operation (A)	Operation (B)
Height control switch	NORM position	HIGH position
Absorber control switch	—	Slowly move the absorber control switch "NORM" ↔ "SPORT" both ways once
Right front acceleration sensor	—	Keep the vehicle still without any vertical movement for 1 second
Left front acceleration sensor	—	Keep the vehicle still without any vertical movement for 1 second
Rear acceleration sensor	—	Keep the vehicle still without any vertical movement for 1 second

HINT:

In step (6), all signals can be checked together.

- Read the test mode DTCs by following the prompts on the tester screen.

HINT:

Refer to the intelligent tester II operator's manual for further details.

DTC of Air Suspension System Test mode function:

If a malfunction code is displayed during the test mode DTC check, check the circuit listed for that code. For details of each code, refer to "See page" under the respective DTC No. in the chart.

DTC No. (See Page)	Detection Item	Trouble Area
C1786 (05-328)	Height control switch circuit	<ul style="list-style-type: none"> • Height control switch • Height control switch circuit • Suspension control ECU
C1787 (05-331)	Absorber control switch circuit	<ul style="list-style-type: none"> • Absorber control switch • Absorber control switch circuit • Suspension control ECU
C1791 (05-269)	Right front acceleration sensor circuit	<ul style="list-style-type: none"> • Right front acceleration sensor (Right front acceleration sensor is a built-in right front height control sensor) • Right front acceleration sensor circuit • Suspension control ECU
C1792 (05-269)	Left front acceleration sensor circuit	<ul style="list-style-type: none"> • Suspension control ECU (Left front acceleration sensor is a built-in suspension control ECU)
C1793 (05-269)	Rear acceleration sensor circuit	<ul style="list-style-type: none"> • Rear acceleration sensor • Rear acceleration sensor circuit • Suspension control ECU

- (8) After completing the input signal check, disconnect the tester and turn the ignition switch off.