

TEST MODE PROCEDURE

1. WARNING LIGHT BULB CHECK

NOTICE:

When releasing the parking brake, set the chocks to hold the vehicle for safety.

HINT:

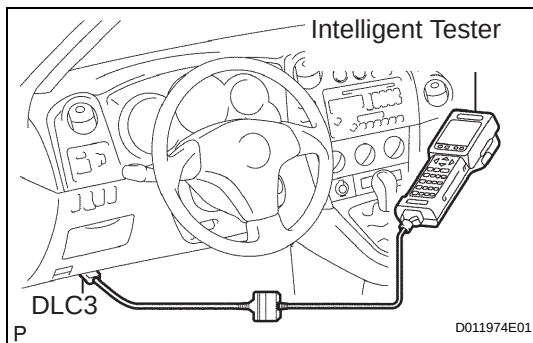
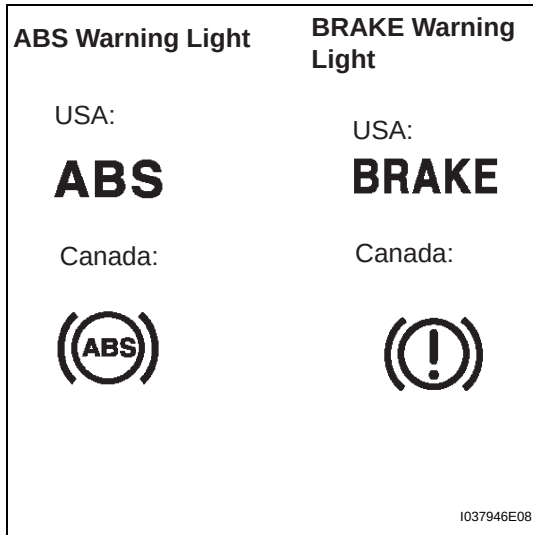
When the parking brake is applied or the level of the brake fluid is low, the BRAKE warning light comes on.

- (a) Release the parking brake lever.
- (b) Check that the ABS warning light and BRAKE warning light come on when the ignition switch is turned on and will go off in about 3 seconds.
- (c) If the warning lights do not come on, or remain on, the bulb has burned out or the skid control ECU may be defective.

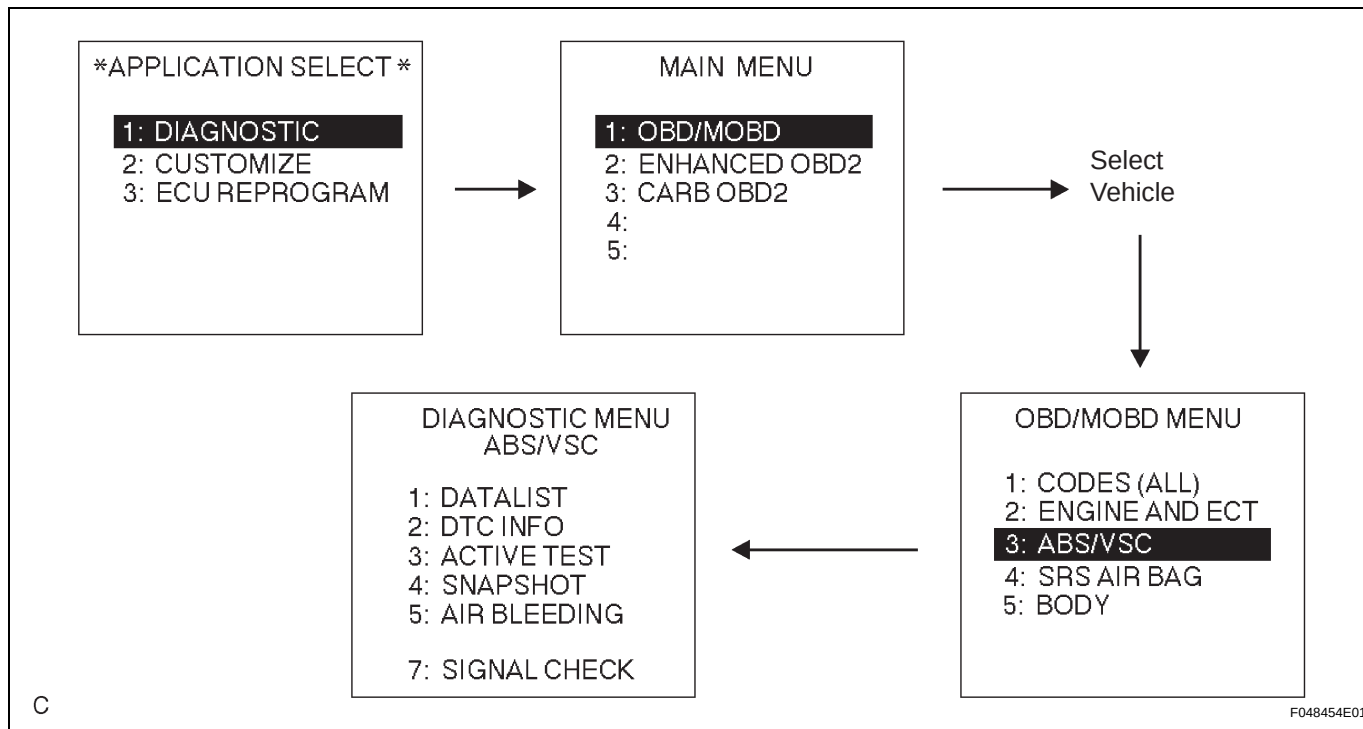
2. SENSOR SIGNAL CHECK (TEST MODE) (USING INTELLIGENT TESTER)

If the ignition switch is turned from the ON to the ACC or LOCK position during test mode, DTCs of the sensor check function will be erased.

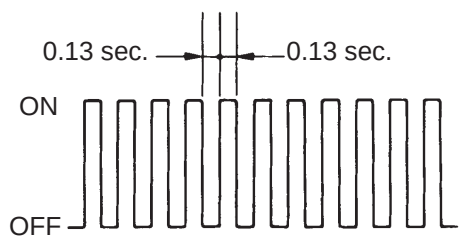
- (a) Procedures for sensor signal check
 - (1) Turn the ignition switch off.
 - (2) Check that the shift lever is in the P position.
 - (3) Connect the intelligent tester to the DLC3.
 - (4) Start the engine.



- (5) Operate the intelligent tester in test mode (SIGNAL CHECK).



Blinking Pattern in TEST MODE:



- (6) Check that the ABS warning light blinks.

HINT:

If the ABS warning light does not blink, inspect the ABS warning light circuit.

Trouble Area	See procedure
ABS warning light circuit	BC-57

- (b) Start the sensor signal check.

- (1) Drive vehicle straight forward.

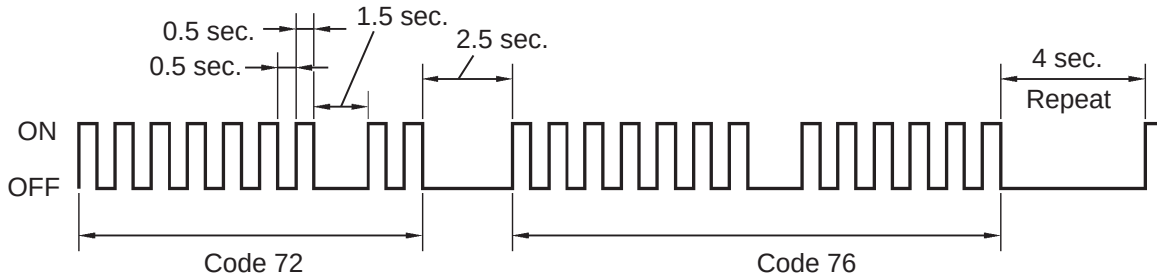
Drive the vehicle at a speed of 28 mph (45 km/h) or higher for several seconds and check that the ABS warning light goes off.

NOTICE:

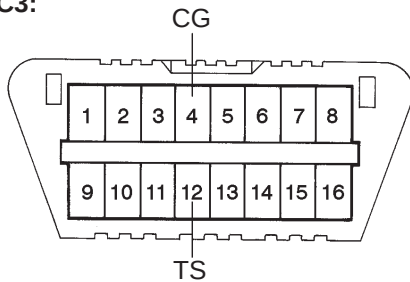
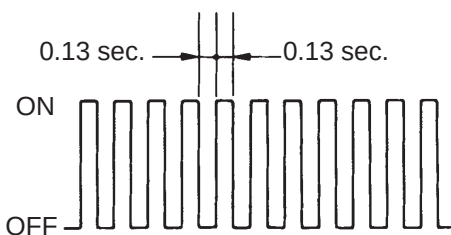
- The speed sensor check may not be completed if it is started while turning the steering wheel or spinning the wheels.
- If the sensor check has not been completed, the ABS warning light blinks while driving and the ABS system does not operate.

- (2) Stop the vehicle.

(c) Read the DTCs.

Trouble Code (Example Codes 72 and 76):**HINT:**

- See the list of DTC (See procedure "A").
- If every sensor is normal, there is a normal code output. (A cycle of 0.25 sec. ON and 0.25 sec. OFF is repeated.)
- If 2 or more malfunctions are indicated at the same time, the lowest numbered code will be displayed 1st.

DLC3:**Blinking Pattern in TEST MODE:****3. SENSOR SIGNAL CHECK (TEST MODE) (USING SST CHECK WIRE)**

If the ignition switch is turned from the ON to the ACC or LOCK position during test mode, DTCs of the sensor check function will be erased.

(a) Procedures for sensor signal check

- (1) Turn the ignition switch off.
- (2) Check that the shift lever is in the P position.
- (3) Using SST, connect terminals TS and CG of the DLC3.

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- (4) Start the engine.
- (5) Check that the ABS warning light blinks.

HINT:

If the ABS warning light does not blink, inspect the ABS warning light circuit and TS and CG terminal circuit.

Trouble Area	See procedure
ABS warning light circuit	BC-57
TS and CG terminal circuit	BC-69

(b) Start the sensor signal check.

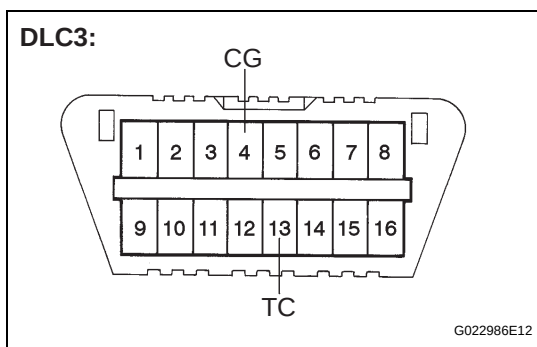
- (1) Drive vehicle straight forward.

Drive the vehicle at a speed of 28 mph (45 km/h) or higher for several seconds and check that the ABS warning light goes off.

NOTICE:

- The speed sensor check may not be completed if it is started while turning the steering wheel or spinning the wheels.
- If sensor check has not been completed, the ABS warning light blinks while driving and the ABS system does not operate.

- (2) Stop the vehicle.



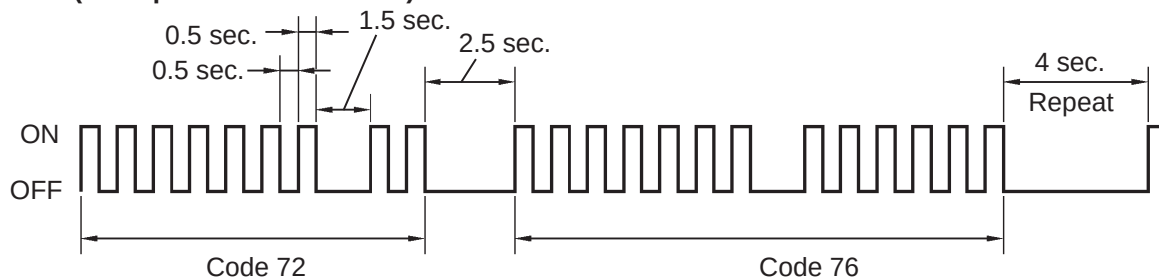
(c) Read the DTCs

- (1) Using SST, connect terminals TC and CG of the DLC3.

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- (2) Read the number of blinks of the ABS warning light.

Trouble Code (Example Codes 72 and 76):



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HINT:

- See the list of DTC (See procedure "A").
- If every sensor is normal, the normal code is output. (A cycle of 0.25 second ON and 0.25 second OFF is repeated.)
- If 2 or more malfunctions are indicated at the same time, the lowest numbered code will be displayed 1st.

- (3) After performing the check, turn the ignition switch off, and remove the SST from the DLC3.

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4. DTC of speed sensor check function (Procedure "A"):

Code No.	Diagnosis	Trouble Area
C1271/71	Low output signal of front speed sensor RH	• Front speed sensor RH • Sensor installation • Sensor rotor
C1272/72	Low output signal of front speed sensor LH	• Front speed sensor LH • Sensor installation • Sensor rotor
C1273/73	Low output signal of rear speed sensor RH	• Rear speed sensor RH • Sensor installation • Sensor rotor
C1274/74	Low output signal of rear speed sensor LH	• Rear speed sensor LH • Sensor installation • Sensor rotor
C1275/75	Abnormal change in output signal of front speed sensor RH	Front speed sensor rotor RH
C1276/76	Abnormal change in output signal of front speed sensor LH	Front speed sensor rotor LH
C1277/77	Abnormal change in output signal of rear speed sensor RH	Rear speed sensor rotor RH
C1278/78	Abnormal change in output signal of rear speed sensor LH	Rear speed sensor rotor LH

HINT:

The codes in this table are output only in TEST MODE.