

## TEST MODE PROCEDURE

### 1. TEST MODE CHECK

#### HINT:

- When entering the TEST MODE, the tire pressure warning ECU sets all the test DTCs first. After completing the test mode for each inspection item, the DTCs that are determined normal by the tire pressure warning ECU will be erased.

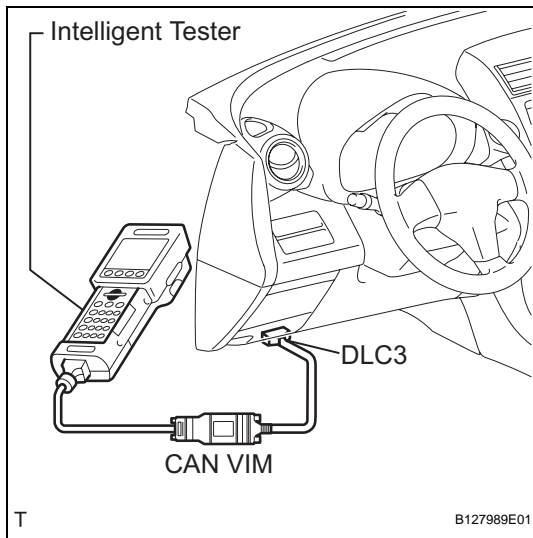
The DTCs for other inspection items may not be erased when only a certain signal is inspected.

- When the test mode returns back to the normal mode, all the test DTCs will be erased.

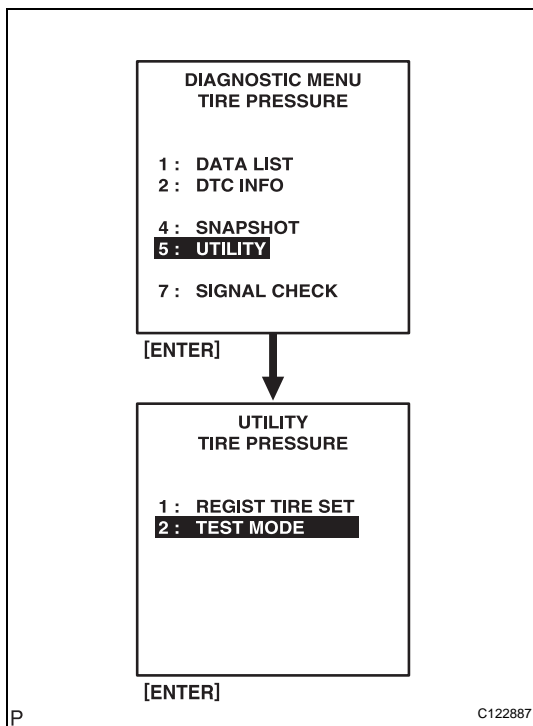
(a) Make sure that the ignition switch is OFF.

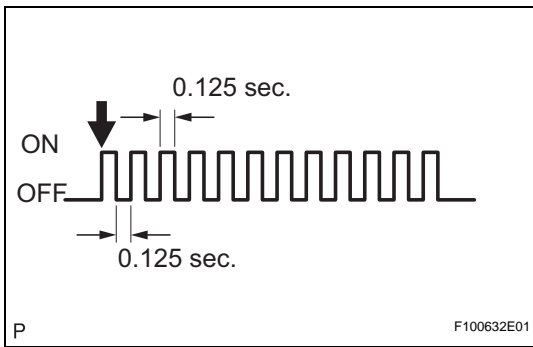
(b) Connect the intelligent tester (with CAN VIM) to the DLC3.

(c) Turn the ignition switch ON.

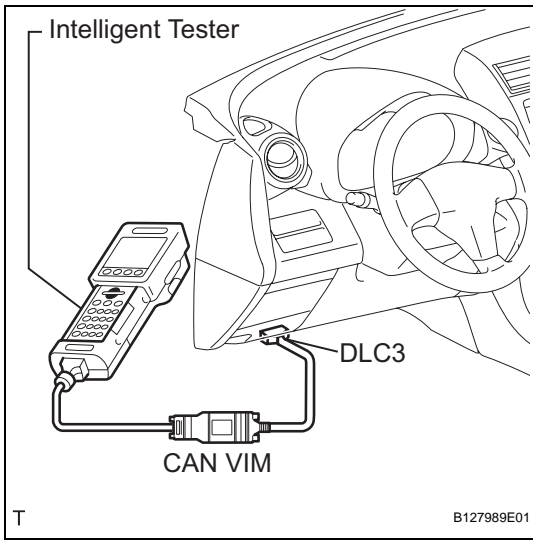


(d) Select TEST MODE on the intelligent tester.





- (e) Confirm that the tire pressure warning light in the combination meter blinks at 0.125 second intervals.

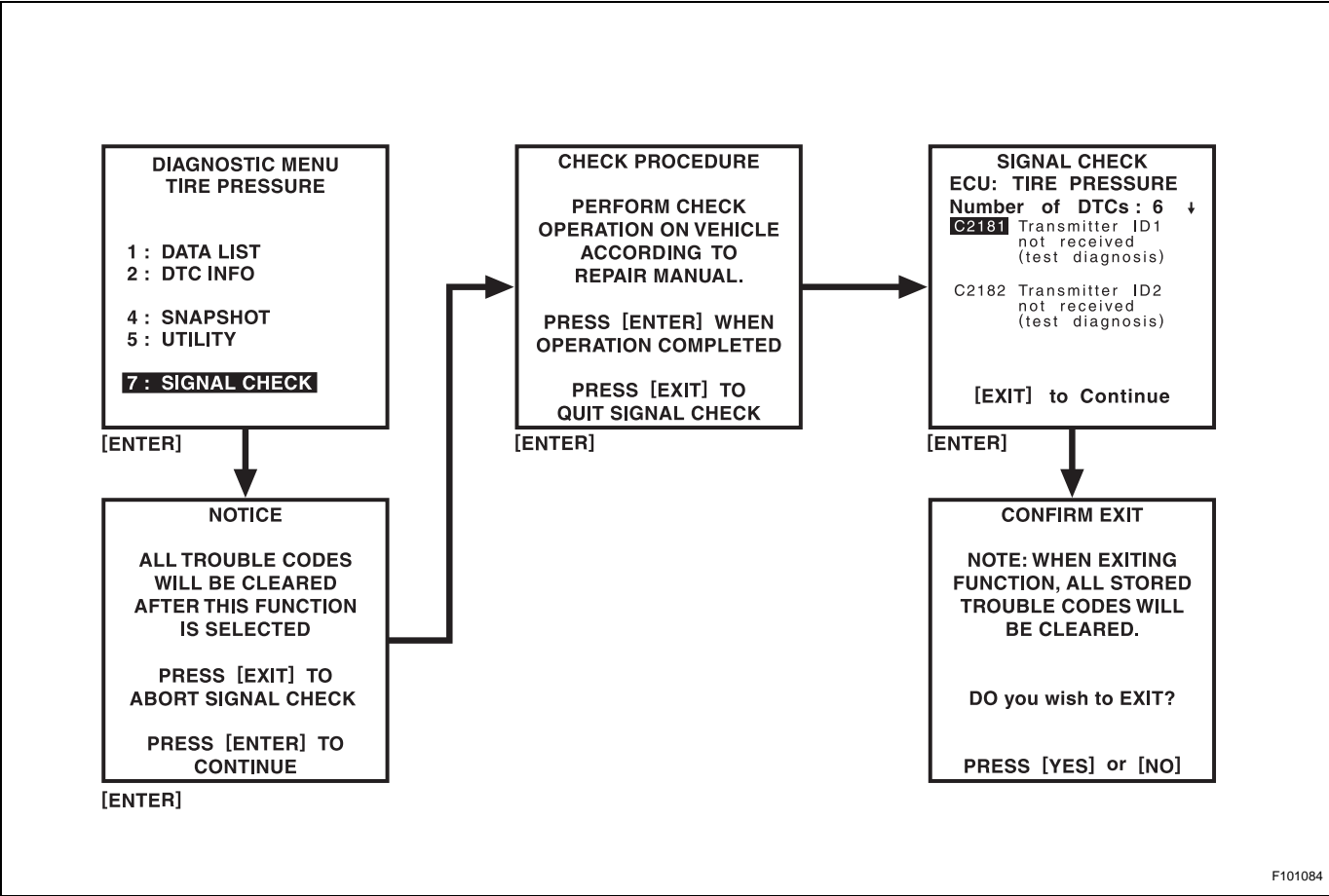


## 2. PERFORM SIGNAL CHECK

### HINT:

- When entering the signal check, the tire pressure warning ECU sets all the signal check DTCs first. After completing the signal check for each inspection item, the DTCs that are determined normal by the tire pressure warning ECU will be erased. The DTCs for other inspection items may not be erased when only a certain signal is inspected.
  - When the signal check returns back to normal mode, all the signal check DTCs will be erased.
- (a) Make sure that the ignition switch is OFF.
  - (b) Connect the intelligent tester (with CAN VIM ) to the DLC3.
  - (c) Turn the ignition switch ON.
  - (d) Select SIGNAL CHECK on the intelligent tester.
  - (e) Drive the vehicle at 12 mph (20 km/h) or more for 10 seconds or more .

- (f) Loosen the valve core and rapidly reduce the pressure (above 40 kPa / 30 seconds or more).



HINT:  
The transmitter ID can be transmitted by rapidly reducing the tire pressure.

- (g) Result
- HINT:  
After the signal check is completed, check for a DTC and signal check DTC to confirm the system status.

Condition	Procedure
SIGNAL CHECK DTC is output	Repair faulty part and enter SIGNAL CHECK again
SIGNAL CHECK DTCs are cleared	No problem

- (h) End of SIGNAL CHECK
- After completing test mode (SIGNAL CHECK), turn the ignition switch OFF and disconnect the tester.
- DTC of SIGNAL CHECK (TEST DIAGNOSIS) 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 the "see page" of the "DTC No." in the chart.

DTC No.	Detection Item	Trouble Area	See page
C2181/81	Transmitter ID1 not received	<ul style="list-style-type: none"> <li>• Tire pressure warning valve and transmitter</li> <li>• Tire pressure warning antenna and receiver</li> <li>• Tire pressure warning ECU</li> <li>• Wire harness</li> </ul>	<a href="#">TW-28</a>
C2182/82	Transmitter ID2 not received	<ul style="list-style-type: none"> <li>• Tire pressure warning valve and transmitter</li> <li>• Tire pressure warning antenna and receiver</li> <li>• Tire pressure warning ECU</li> <li>• Wire harness</li> </ul>	<a href="#">TW-28</a>
C2183/83	Transmitter ID3 not received	<ul style="list-style-type: none"> <li>• Tire pressure warning valve and transmitter</li> <li>• Tire pressure warning antenna and receiver</li> <li>• Tire pressure warning ECU</li> <li>• Wire harness</li> </ul>	<a href="#">TW-28</a>
C2184/84	Transmitter ID4 not received	<ul style="list-style-type: none"> <li>• Tire pressure warning valve and transmitter</li> <li>• Tire pressure warning antenna and receiver</li> <li>• Tire pressure warning ECU</li> <li>• Wire harness</li> </ul>	<a href="#">TW-28</a>
C2185/85	Transmitter ID5 not received	<ul style="list-style-type: none"> <li>• Tire pressure warning valve and transmitter</li> <li>• Tire pressure warning antenna and receiver</li> <li>• Tire pressure warning ECU</li> <li>• Wire harness</li> </ul>	<a href="#">TW-28</a>
C2191/91	Vehicle speed signal error	<ul style="list-style-type: none"> <li>• Vehicle speed sensor</li> <li>• Tire pressure warning ECU</li> <li>• Combination meter</li> <li>• Wire harness</li> </ul>	<a href="#">TW-44</a>