3. Self-Diagnosis

If malfunction is detected in the system, the tire pressure monitor ECU illuminates the tire pressure warning light to alert the driver and stores the DTCs (Diagnostic Trouble Codes) in the memory.
The DTCs that are stored by the tire pressure monitor ECU can be accessed by connecting a hand-held tester. They can also be accessed by connecting the SST (09843–18040) to the DLC3 terminals TC and CG, and reading the blinking of the tire pressure warning light. The table below lists the DTCs that pertain to this system. For further details, see the 2006 Toyota Tacoma Repair Manual (Pub. No. RM01D0U).

Service Tip

After the DTCs have been detected, it is necessary to identify the wheel that contains the faulty tire pressure sensor. It can be identified by performing the operation in accordance with the prescribed procedure. For details, refer to the 2006 Toyota Tacoma Repair Manual (Pub. No. RM01D0U).

DTC No.	Detection Item	DTC Deletion Condition
C2111/11	Tire pressure sensor ID1 operation stop. (sleep mode)	When data is received from a transmitter with an ID code that is registered in the ECU, or the ID code of the tire pressure sensor is newly registered in the ECU.
C2112/12	Tire pressure sensor ID2 operation stop. (sleep mode)	
C2113/13	Tire pressure sensor ID3 operation stop. (sleep mode)	
C2114/14	Tire pressure sensor ID4 operation stop. (sleep mode)	
C2115/15	Tire pressure sensor ID5 operation stop. (sleep mode)	
C2121/21	Tire pressure sensor ID1 not received.	When a DTC deletion operation is implemented or the ID code of the tire pressure sensor is newly registered in the ECU.
C2122/22	Tire pressure sensor ID2 not received.	
C2123/23	Tire pressure sensor ID3 not received.	
C2124/24	Tire pressure sensor ID4 not received.	
C2125/25	Tire pressure sensor ID5 not received.	
C2141/41	A malfunction in the tire pressure sensor registered to ID1.	
C2142/42	A malfunction in the tire pressure sensor registered to ID2.	
C2143/43	A malfunction in the tire pressure sensor registered to ID3.	
C2144/44	A malfunction in the tire pressure sensor registered to ID4.	
C2145/45	A malfunction in the tire pressure sensor registered to ID5.	
C2165/65	Abnormal temperature inside ID1 tire.	
C2166/66	Abnormal temperature inside ID2 tire.	
C2167/67	Abnormal temperature inside ID3 tire.	
C2168/68	Abnormal temperature inside ID4 tire.	
C2169/69	Abnormal temperature inside ID5 tire.	
C2171/71	Tire pressure sensor ID not registered.	
C2176/76	Tire pressure monitor receiver is error.	
C2177/77	Initialization incomplete	
C2181/81	Tire pressure sensor ID1 not received. (test diagnosis)	When deletion conditions of the ID codes have been established or departing from the test mode.
C2182/82	Tire pressure sensor ID2 not received. (test diagnosis)	
C2183/83	Tire pressure sensor ID3 not received. (test diagnosis)	
C2184/84	Tire pressure sensor ID4 not received. (test diagnosis)	
C2185/85	Tire pressure sensor ID5 not received. (test diagnosis)	
C2191/91	Vehicle speed signal error. (test diagnosis)	