

DATA LIST / ACTIVE TEST

1. DATA LIST

- Connect the intelligent tester to the DLC3.
- Turn the ignition switch ON.
- Following the display on the intelligent tester, read "DATA LIST".

Tester Display	Measurement Item/Range	Normal Condition	Diagnostic Note
MODE STATUS	Tire pressure warning system mode/NORMAL or REG 2nd or REG M or TEST	NORMAL: Normal mode TEST: Test mode	-
MAIN TIRE	Number of main tire IDs to be registered/ 0 or 1 or 2 or 3 or 4 or 5	0 to 5 should be displayed	-
VEHICLE SPD	Vehicle speed reading/ min.: 0 km/h (0 mph), max.: 255 km/h (158 mph)	Actual vehicle speed	Speed indicated on the combination meter
REGIT ID1 CODE	Registered ID1 code/min.: 0, max.: FFFFFFFF*1	The ID No. registered in the transmitter ID1 is displayed	-
REGIT ID2 CODE	Registered ID2 code/min.: 0, max.: FFFFFFFF*1	The ID No. registered in the transmitter ID2 is displayed	-
REGIT ID3 CODE	Registered ID3 code/min.: 0, max.: FFFFFFFF*1	The ID No. registered in the transmitter ID3 is displayed	-
REGIT ID4 CODE	Registered ID4 code/min.: 0, max.: FFFFFFFF*1	The ID No. registered in the transmitter ID4 is displayed	-
REGIT ID5 CODE	Registered ID5 code/min.: 0, max.: FFFFFFFF*1	The ID No. registered in the transmitter ID5 is displayed	-
TRANS STATUS	ID code transmission status/ FINISH or NOW	FINISH or NOW	-
TIREPRESS1	ID1 tire inflation pressure/ min.: Absolute pressure / 0 kPa (0 kgf/cm ² , 0 psi), Relative pressure / -100 kPa (-1 kgf/cm ² , -14 psi) max.: Absolute pressure / 637.5 kPa (6.5 kgf/cm ² , 92.5 psi), Relative pressure / 537.5 kPa (5.4 kgf/cm ² , 78 psi)	Actual tire inflation pressure	If 0 kPa (0 kgf/cm ² , 0 psi) is displayed for absolute pressure or -100 kPa (-1 kgf/cm ² , -14 psi) is displayed for relative pressure, data has not been received.*2
TIREPRESS2	ID2 tire inflation pressure/ min.: Absolute pressure / 0 kPa (0 kgf/cm ² , 0 psi), Relative pressure / -100 kPa (-1 kgf/cm ² , -14 psi) max.: Absolute pressure / 637.5 kPa (6.5 kgf/cm ² , 92.5 psi), Relative pressure / 537.5 kPa (5.4 kgf/cm ² , 78 psi)	Actual tire inflation pressure	If 0 kPa (0 kgf/cm ² , 0 psi) is displayed for absolute pressure or -100 kPa (-1 kgf/cm ² , -14 psi) is displayed for relative pressure, data has not been received.*2
TIREPRESS3	ID3 tire inflation pressure/ min.: Absolute pressure / 0 kPa (0 kgf/cm ² , 0 psi), Relative pressure / -100 kPa (-1 kgf/cm ² , -14 psi) max.: Absolute pressure / 637.5 kPa (6.5 kgf/cm ² , 92.5 psi), Relative pressure / 537.5 kPa (5.4 kgf/cm ² , 78 psi)	Actual tire inflation pressure	If 0 kPa (0 kgf/cm ² , 0 psi) is displayed for absolute pressure or -100 kPa (-1 kgf/cm ² , -14 psi) is displayed for relative pressure, data has not been received.*2

Tester Display	Measurement Item/Range	Normal Condition	Diagnostic Note
TIREPRESS4	ID4 tire inflation pressure/ min.: Absolute pressure / 0 kPa (0 kgf/cm ² , 0 psi), Relative pressure / -100 kPa (-1 kgf/cm ² , -14 psi) max.: Absolute pressure / 637.5 kPa (6.5 kgf/cm ² , 92.5 psi), Relative pressure / 537.5 kPa (5.4 kgf/cm ² , 78 psi)	Actual tire inflation pressure	If 0 kPa (0 kgf/cm ² , 0 psi) is displayed for absolute pressure or -100 kPa (-1 kgf/cm ² , -14 psi) is displayed for relative pressure, data has not been received.*2
TIREPRESS5	ID5 tire inflation pressure/ min.: Absolute pressure / 0 kPa (0 kgf/cm ² , 0 psi), Relative pressure / -100 kPa (-1 kgf/cm ² , -14 psi) max.: Absolute pressure / 637.5 kPa (6.5 kgf/cm ² , 92.5 psi), Relative pressure / 537.5 kPa (5.4 kgf/cm ² , 78 psi)	Actual tire inflation pressure	If 0 kPa (0 kgf/cm ² , 0 psi) is displayed for absolute pressure or -100 kPa (-1 kgf/cm ² , -14 psi) is displayed for relative pressure, data has not been received.*2
TIRE TEMP1	ID1 temperature in tire/ min.: -40°C (-40°F), max.: 215°C (419°F)	Actual tire temperature	If -40°C (-40°F) is displayed, the data have not been received.
TIRE TEMP2	ID2 temperature in tire/ min.: -40°C (-40°F), max.: 215°C (419°F)	Actual tire temperature	If -40°C (-40°F) is displayed, the data has not been received.
TIRE TEMP3	ID3 temperature in tire/ min.: -40°C (-40°F), max.: 215°C (419°F)	Actual tire temperature	If -40°C (-40°F) is displayed, the data has not been received.
TIRE TEMP4	ID4 temperature in tire/ min.: -40°C (-40°F), max.: 215°C (419°F)	Actual tire temperature	If -40°C (-40°F) is displayed, the data has not been received.
TIRE TEMP5	ID5 temperature in tire/ min.: -40°C (-40°F), max.: 215°C (419°F)	Actual tire temperature	If -40°C (-40°F) is displayed, the data has not been received.
BATT VOLT1	ID1 battery voltage/ OVER or LESS	OVER	-
BATT VOLT2	ID2 battery voltage/ OVER or LESS	OVER	-
BATT VOLT3	ID3 battery voltage/ OVER or LESS	OVER	-
BATT VOLT4	ID4 battery voltage/ OVER or LESS	OVER	-
BATT VOLT5	ID5 battery voltage/ OVER or LESS	OVER	-
# CODES	Number of DTC recorded/ min.: 0, max.: 255	0	-

HINT:

*1: Displayed only when the ID No. is not registered.

*2: It may take about 2 or 3 minutes until the values are displayed. If the values are not displayed after a few minutes, perform troubleshooting according to the inspection procedure for DTCs C2121/21 to C2125/25 (see page [TW-34](#)).

DIAGNOSTIC TROUBLE CODE CHART

HINT:

- If no abnormality is found when the parts are inspected, inspect the tire pressure warning ECU.
- If a trouble code is displayed during the DTC check, inspect the trouble areas listed for that code. For details of the code, refer to the "See page" below.

Tire pressure warning system

DTC Code	Detection Item	Trouble Area	See page
C2111/11	Transmitter ID1 Operation Stop	- Tire pressure warning valve and transmitter - Tire pressure warning ECU	TW-30
C2112/12	Transmitter ID2 Operation Stop	- Tire pressure warning valve and transmitter - Tire pressure warning ECU	TW-30
C2113/13	Transmitter ID3 Operation Stop	- Tire pressure warning valve and transmitter - Tire pressure warning ECU	TW-30
C2114/14	Transmitter ID4 Operation Stop	- Tire pressure warning valve and transmitter - Tire pressure warning ECU	TW-30
C2115/15	Transmitter ID5 Operation Stop	- Tire pressure warning valve and transmitter - Tire pressure warning ECU	TW-30
C2121/21	No Signal from Transmitter ID1 in Main Mode	- Tire pressure warning valve and transmitter - Tire pressure warning antenna and receiver - Wire harness or connector - Tire pressure warning ECU	TW-34
C2122/22	No Signal from Transmitter ID2 in Main Mode	- Tire pressure warning valve and transmitter - Tire pressure warning antenna and receiver - Wire harness or connector - Tire pressure warning ECU	TW-34
C2123/23	No Signal from Transmitter ID3 in Main Mode	- Tire pressure warning valve and transmitter - Tire pressure warning antenna and receiver - Wire harness or connector - Tire pressure warning ECU	TW-34
C2124/24	No Signal from Transmitter ID4 in Main Mode	- Tire pressure warning valve and transmitter - Tire pressure warning antenna and receiver - Wire harness or connector - Tire pressure warning ECU	TW-34
C2125/25	No Signal from Transmitter ID5 in Main Mode	- Tire pressure warning valve and transmitter - Tire pressure warning antenna and receiver - Wire harness or connector - Tire pressure warning ECU	TW-34
C2141/41	Transmitter ID1 Error	- Tire pressure warning valve and transmitter - Tire pressure warning ECU	TW-42
C2142/42	Transmitter ID2 Error	- Tire pressure warning valve and transmitter - Tire pressure warning ECU	TW-42

DTC Code	Detection Item	Trouble Area	See page
C2143/43	Transmitter ID3 Error	- Tire pressure warning valve and transmitter - Tire pressure warning ECU	TW-42
C2144/44	Transmitter ID4 Error	- Tire pressure warning valve and transmitter - Tire pressure warning ECU	TW-42
C2145/45	Transmitter ID5 Error	- Tire pressure warning valve and transmitter - Tire pressure warning ECU	TW-42
C2165/65	Abnormal Temperature Inside ID1 Tire	- Tires - Tire pressure warning valve and transmitter - Tire pressure warning ECU	TW-46
C2166/66	Abnormal Temperature Inside ID2 Tire	- Tires - Tire pressure warning valve and transmitter - Tire pressure warning ECU	TW-46
C2167/67	Abnormal Temperature Inside ID3 Tire	- Tires - Tire pressure warning valve and transmitter - Tire pressure warning ECU	TW-46
C2168/68	Abnormal Temperature Inside ID4 Tire	- Tires - Tire pressure warning valve and transmitter - Tire pressure warning ECU	TW-46
C2169/69	Abnormal Temperature Inside ID5 Tire	- Tires - Tire pressure warning valve and transmitter - Tire pressure warning ECU	TW-46
C2171/71	Transmitter ID not Registered	Tire pressure warning ECU	TW-50
C2176/76	Receiver Error	- Tire pressure warning antenna and receiver - Wire harness or connector - Tire pressure warning ECU	TW-53
C2181/81	Transmitter ID1 not Received (Test Mode DTC)	- Tire pressure warning valve and transmitter - Tire pressure warning antenna and receiver - Wire harness or connector - Tire pressure warning ECU	TW-34
C2182/82	Transmitter ID2 not Received (Test Mode DTC)	- Tire pressure warning valve and transmitter - Tire pressure warning antenna and receiver - Wire harness or connector - Tire pressure warning ECU	TW-34
C2183/83	Transmitter ID3 not Received (Test Mode DTC)	- Tire pressure warning valve and transmitter - Tire pressure warning antenna and receiver - Wire harness or connector - Tire pressure warning ECU	TW-34
C2184/84	Transmitter ID4 not Received (Test Mode DTC)	- Tire pressure warning valve and transmitter - Tire pressure warning antenna and receiver - Wire harness or connector - Tire pressure warning ECU	TW-34

DTC Code	Detection Item	Trouble Area	See page
C2185/85	Transmitter ID5 not Received (Test Mode DTC)	- Tire pressure warning valve and transmitter - Tire pressure warning antenna and receiver - Wire harness or connector - Tire pressure warning ECU	TW-34
C2191/91	Vehicle Speed Signal Error (Test Mode DTC)	- Vehicle speed sensor - Tire pressure warning ECU - Combination meter - Wire harness or connector	TW-56