

REGISTRATION

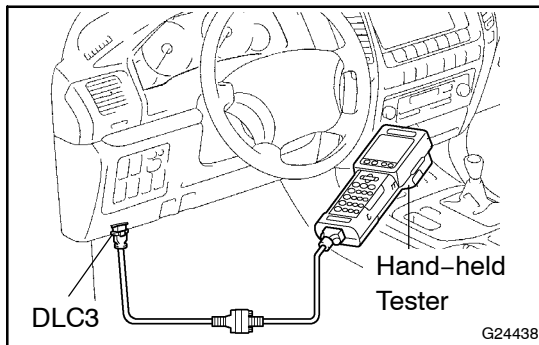
1. REGISTER TRANSMITTER ID

NOTICE:

It is necessary to register the transmitter ID in the tire pressure monitor ECU when replacing the tire pressure monitor valve sub-assy and/or tire pressure monitor ECU.

- (a) Set the tire pressure of all wheels to the specified value.

| Front | Rear | Spare |
|--|--|--|
| 220 kPa (2.2 kgf/cm ² , 32 psi) | 220 kPa (2.2 kgf/cm ² , 32 psi) | 220 kPa (2.2 kgf/cm ² , 32 psi) |



- (b) Connect the hand-held tester to DLC3.
 (c) Turn the ignition switch to the ON position.
 (d) Read and record the transmitter ID by using the DATA LIST.

- (e) Select the registration mode "MAIN".

HINT:

Select "2nd" when registering in 2nd.

- (f) Input the transmitter ID using the hand-held tester and transmit it to the tire pressure monitor ECU.
 (g) Check that the transmitter ID registration is completed correctly.

HINT:

If the operation of step (d) to (g) does not complete within 5 min., the mode will return to the normal operation mode.

Tester Menu Flow:

DIAGNOSTIC MENU
TIRE PRESSURE

1 : DATA LIST
2 : DTC INFO
4 : SNAPSHOT
5 : UTILITY
7 : SIGNAL CHECK

[ENTER]

UTILITY
TIRE PRESSURE

1 : REGISTER TIRE SET

[ENTER]

UTILITY
REGISTER TIRE SET

1 : MAIN SET
2 : 2nd SET

Select the tire set that you want to register tires in.

PRESS [ENTER]

[ENTER]

UTILITY
REGISTER TIRE SET

Tires are registered in the MAIN SET
The registration process will take 300seconds. DO you wish to continue?

PRESS [YES] or [NO]

[YES]

UTILITY
REGISTER TIRE SET

Register all transmitter ID for all tires including the spare tire within 300 seconds. Codes are printed on each transmitter.

PRESS [ENTER]

[ENTER]

UTILITY
REGISTER TIRE SET

Total Tires:5
Number of inputted ID codes:0
Time:300 seconds

PRESS [ENTER]

[ENTER]

UTILITY
REGISTER TIRE SET

THE REGISTRATION SUCCEEDED.

PRESS [ENTER]

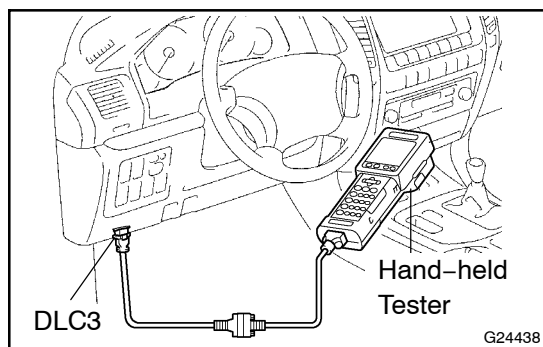
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2. CONFIRMATION OF TRANSMITTER ID REGISTRATION

(a) Set the tire pressure of all wheels to the specified value.

| Front | Rear | Spare |
|--|--|--|
| 220 kPa (2.2 kgf/cm ² , 32 psi) | 220 kPa (2.2 kgf/cm ² , 32 psi) | 220 kPa (2.2 kgf/cm ² , 32 psi) |



- (b) Connect the hand-held tester to DLC3.
- (c) Turn the ignition switch to the ON position.
- (d) Select the "SIGNAL CHECK" mode on the hand-held tester (see page 05-645).
- (e) Forcibly transmit the transmitter IDs for all wheels.

HINT:

- The transmitter ID can be transmitted by rapidly reducing the tire pressure.
 - When rapidly reducing the pressure, loosen the valve core (above 40 kPa (0.4 kgf/cm², 5.8 psi) / 30 sec.).
- (f) Check that test mode DTCs C2181/81, C2182/82, C2183/83, C2184/84 and C2185/85 are all erased.

HINT:

If they haven't been erased, reset the tire pressure to the specified value and rotate the tire 90 to 270 degrees. Then forcibly transmit the transmitter IDs of all wheels. If they are still output, register the transmitter IDs again.

(g) Set the tire pressure of all wheels to the specified value.

3. PROCEDURE FOR DETERMINING THE INSTALLED WHEEL'S TRANSMITTER ID STATUS ("MAIN" or "2nd")

- (a) Turn the ignition switch to the ON position.
- (b) Set the tire pressure warning switch "MAIN" position.
- (c) Set the tire pressure of all wheels to the specified value.

| Front | Rear | Spare |
|--|--|--|
| 220 kPa (2.2 kgf/cm ² , 32 psi) | 220 kPa (2.2 kgf/cm ² , 32 psi) | 220 kPa (2.2 kgf/cm ² , 32 psi) |

- (d) Rapidly reduce the pressure of any wheel to 120 kPa (1.2 kgf/cm², 17 psi).
- (e) Check the following items. If both of them are true, the transmitter ID of the currently installed wheel is registered in the "MAIN".
 - Tire pressure warning lamp comes on.
 - The tire pressure of any tire is 120 kPa (1.2 kgf/cm², 17 psi) when measured with the hand-held tester.
- (f) If either of the above conditions is not true, switch the tire pressure warning switch to "2nd" and perform steps (c) to (e). If both are true, the transmitter ID of the currently installed wheel is registered in "2nd".