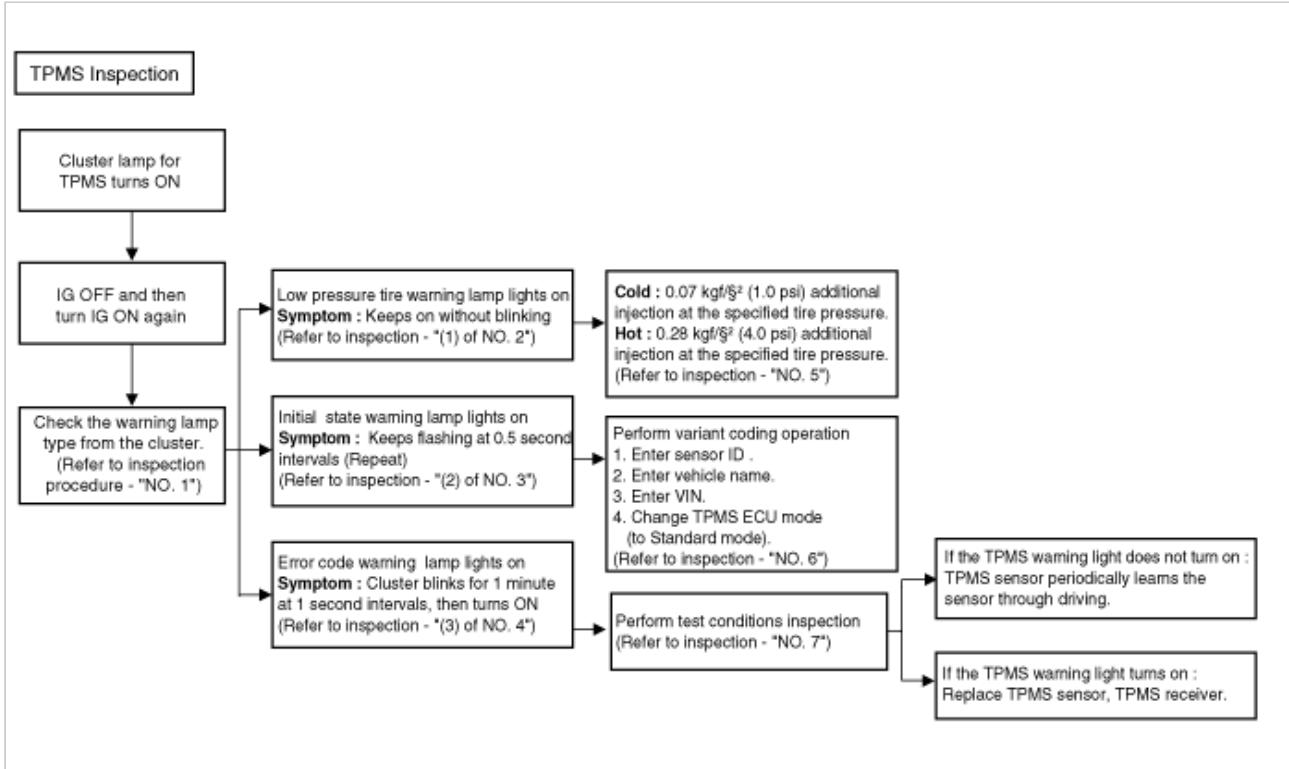




TPMS Inspection method



Inspection

NOTICE

Find the inspection number by referring to the table above.

The following content is irrelevant of the inspection procedure.

1. Warning lamp types

- Keeps on without blinking : Low pressure tire warning lamp
- Flashes at 0.5 second intervals constantly : Initial state warning lamp
- Cluster blinks for 1 minute at 1 second intervals, then turns ON : Error code warning lamp

NOTICE

Turn IG OFF and then IG ON again to check the warning light type.

2. (1) Check the warning lamp state.

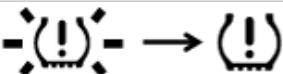
- Check the vehicle warning lamp state.
- Check if the warning lamp state is caused by tire low pressure.



Symptom : Keeps on without blinking

3. (2) Check the warning lamp state.

- Check the vehicle warning lamp state.
- Check if the warning lamp state is caused by the initial state (virgin mode) of TPMS receiver.



Symptom : Flashes at 0.5 second intervals constantly.

4. (3) Check the warning lamp state.

- Check the vehicle warning lamp state.
- Check if the warning lamp state is caused by error code (TPMS receiver & TPMS sensor failure).

Symptom : Cluster blinks for 1 minute at 1 second intervals, then turns ON.

5. Low tire pressure warning lamp

Cold : Vehicle kept for more than 60 minutes after stopping.

→ 0.07 kgf/cm² (1.0 psi) additional injection at the specified tire pressure.

Hot : Driven vehicle

→ 0.28 kgf/cm² (4.0 psi) additional injection at the specified tire pressure.

NOTICE

In case the warning lamp fails to turn OFF after injecting tire pressure, disconnect the KDS/GDS and drive less than 1 km at 25 km/h.

6. Inspect initial state warning lamp

A. TPMS warning lamp

(1) Check the TPMS warning lamp status.

(2) Flashes at 0.5 second intervals constantly. -> Initial state warning lamp

NOTICE

Turn IG OFF and then IG ON again to check the warning lamp type.

B. Items to check in case of blinking warning lamp

(1) Enter sensor ID.

(Refer to TPMS Receiver - "Repair procedures")

(2) Enter vehicle name.

(Refer to TPMS Receiver - "Repair procedures")

(3) Enter VIN.

(Refer to TPMS Receiver - "Repair procedures")

(4) Change TPMS ECU mode (to Standard mode).

7. DTC checklist for performance test.

NOTICE

- Be sure to check DTC.

(Refer to DTC manual - "Tire Pressure Monitoring")

- If the TPMS warning light does not turn on : TPMS sensor periodically learns the sensor through driving.

- If the TPMS warning light turns on : Replace TPMS sensor, TPMS receiver.