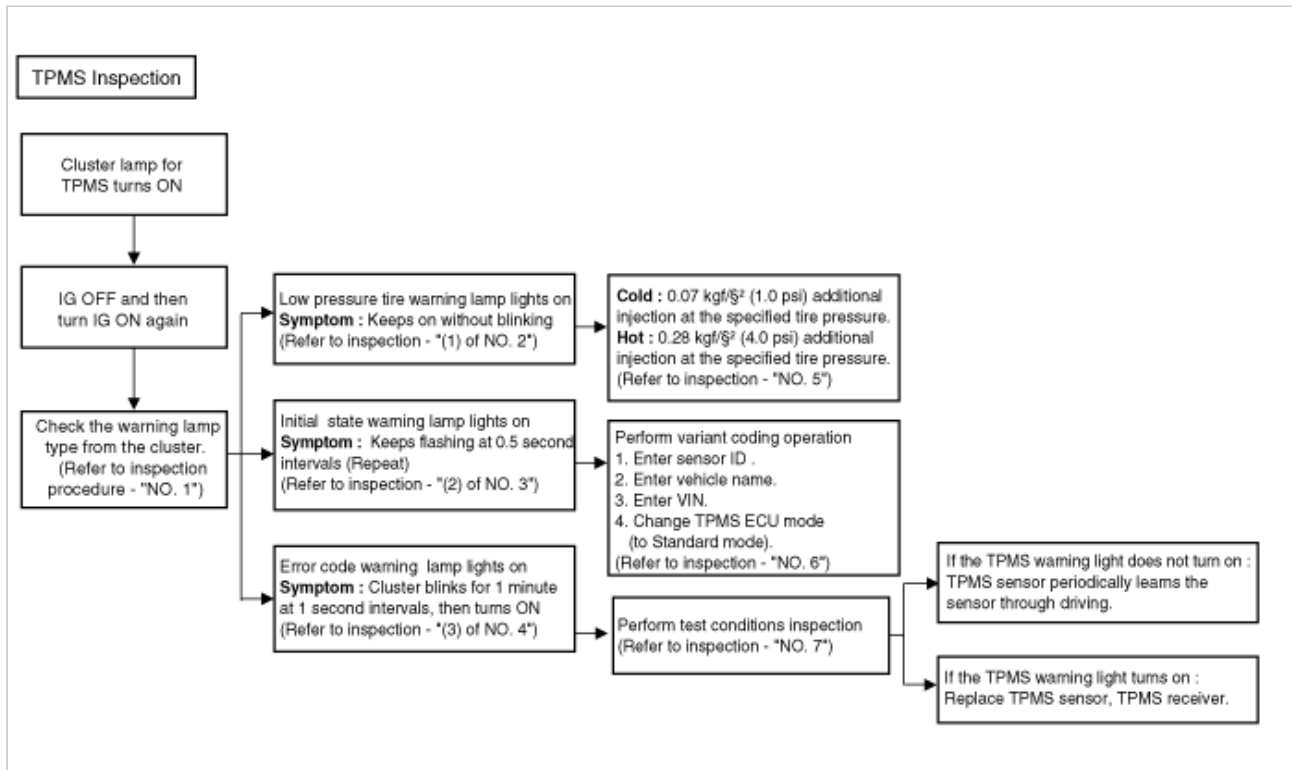




TPMS Inspection method



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.

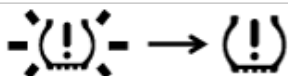
- Check the vehicle warning lamp state.
- Check if the warning lamp state is caused by tire low pressure.



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.