NO.1 TPMS WARNING LIGHT ILLUMINATES

id020300101000

Caution

- **The tire pressure monitoring system warning light illuminates according to the decrease in a tire air pressure (tire pressure monitoring system is normal).**
- **The No.1 TPMS WARNING LIGHT ILLUMINATES the diagnostic procedure if the tire pressure monitoring system warning light illuminated due to a decrease in a tire pressure although the tire pressure monitoring system is normal.**

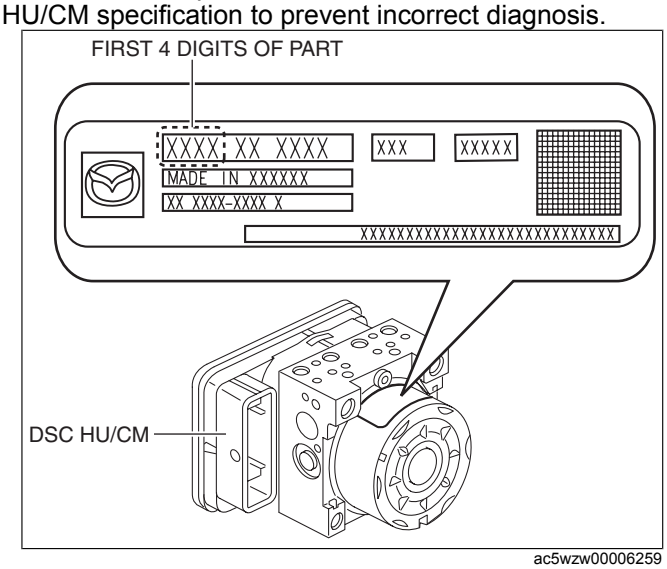
Possible malfunction

- The air pressure of a tire has decreased. (Tire pressure monitoring system normal)
- The tire pressure monitoring warning light illuminates based on mis-use prevention logic. (Tire pressure monitoring system normal)

Diagnostic Procedure

Note

- The diagnostic procedure differs depending on the DSC HU/CM specification.
- Before performing the diagnostic, verify the DSC HU/CM specification to prevent incorrect diagnosis.
- The DSC HU/CM specification can be verified by the first four digits of the part number indicated on the label adhered to the DSC HU/CM.
  First 4 digits of part number for Type A DSC HU/CM
  — K011
  — K0Y1
  First 4 digits of part number for Type B DSC HU/CM
  — KJ11
  — KJY1



ac5wzw00006259

Diagnostic procedure for Type A DSC HU/CM

Step	Inspection	Results	Action
1	TIRE PRESSURE INSPECTION • Inspect tire pressures while the tires are cold. (See WHEEL AND TIRE SPECIFICATION.) • Are the tire pressures at the specification?	Yes	Go to the next step.
		No	Adjust the tire pressures to the specification while the tires are cold.
2	TIRE PRESSURE MONITORING SYSTEM INITIALIZATION • Perform tire pressure monitoring system initialization. (See TIRE PRESSURE MONITORING SYSTEM INITIALIZATION PROCEDURE.) • Was the tire pressure monitoring system initialization performed?	Yes	Go to the next step.
		No	Perform the tire pressure monitoring system initialization. (See TIRE PRESSURE MONITORING SYSTEM INITIALIZATION PROCEDURE.)
3	VERIFY MIS-USE PREVENTION LOGIC (FIRST TIME) • Drive the vehicle for several minutes after the tire pressure monitoring warning light turns off. • Does the tire pressure monitoring warning light illuminate?	Yes	Go to the next step.
		No	The tire pressure monitoring system is normal.

Step	Inspection	Results	Action
4	TIRE PRESSURE MONITORING SYSTEM INITIALIZATION • Perform the tire pressure monitoring system initialization. (See TIRE PRESSURE MONITORING SYSTEM INITIALIZATION PROCEDURE.) • Was the tire pressure monitoring system initialization performed?	Yes	Go to the next step.
		No	Perform the tire pressure monitoring system initialization. (See TIRE PRESSURE MONITORING SYSTEM INITIALIZATION PROCEDURE.)
5	MIS-USE PREVENTION LOGIC VERIFICATION (SECOND TIME) • Drive the vehicle for several minutes after the tire pressure monitoring warning light turns off. • Does the tire pressure monitoring warning light illuminate?	Yes	Go to the next step.
		No	The tire pressure monitoring system is normal.
6	TIRE PRESSURE MONITORING SYSTEM INITIALIZATION • Perform the tire pressure monitoring system initialization. (See TIRE PRESSURE MONITORING SYSTEM INITIALIZATION PROCEDURE.) • Was the tire pressure monitoring system initialization performed?	Yes	Go to the next step.
		No	Perform the tire pressure monitoring system initialization. (See TIRE PRESSURE MONITORING SYSTEM INITIALIZATION PROCEDURE.)
7	MIS-USE PREVENTION LOGIC VERIFICATION (THIRD TIME) • Drive the vehicle for several minutes after the tire pressure monitoring warning light turns off. • Does the tire pressure monitoring warning light illuminate?	Yes	Inspect the tires and wheels for air leakage.
		No	The tire pressure monitoring system is normal.

Diagnostic procedure for Type B DSC HU/CM

Step	Inspection	Results	Action
1	TIRE PRESSURE INSPECTION • Inspect tire pressures while the tires are cold. (See WHEEL AND TIRE SPECIFICATION.) • Are the tire pressures at the specification?	Yes	Go to the next step.
		No	Adjust the tire pressures to the specification while the tires are cold.
2	TIRE PRESSURE MONITORING SYSTEM INITIALIZATION • Perform tire pressure monitoring system initialization. • Connect the M-MDS (IDS) to DLC-2. • After the vehicle is identified, select the following items from the initial screen of the IDS. 1. Select "Chassis" 2. Select "ABS/DSC" 3. Select "TPMS Reset" • Was the tire pressure monitoring system initialization performed?	Yes	Go to the next step.
		No	Perform the tire pressure monitoring system initialization.
3	TIRE PRESSURE MONITORNING SYSTEM WARNING LIGHT VERIFICATION • Drive the vehicle for several minutes after the tire pressure monitoring system warning light turns off. • Does the tire pressure monitoring system warning light illuminate?	Yes	Inspect the tires and wheels for air leakage.
		No	The tire pressure monitoring system is normal.