

Subject: BODY VIBRATION WHEN ENGINE STARTED AFTER PARKING IN EXTREMELY COLD TEMPERATURES	Bulletin No.: 01-022/18
	Last Issued: 11/09/2018

APPLICABLE MODEL(S)/VINS

- 2017-2018 CX-5 (US spec)
- 2018 CX-5 (Mexico spec)
- 2018 Mazda6 (US spec)
- 2019 Mazda6 (Mexico spec)

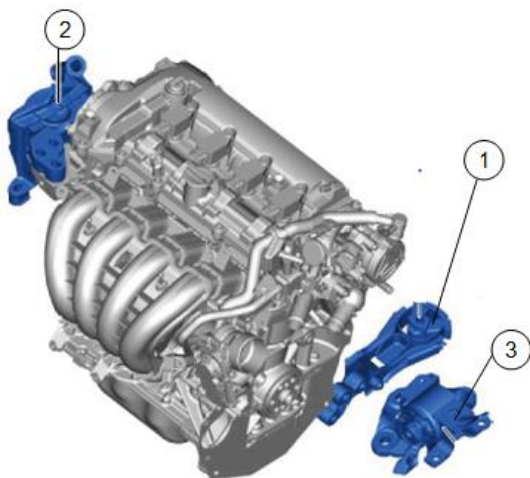
DESCRIPTION

Some vehicles may exhibit an excessive body vibration/unusual noise when idling or driving after parking in extremely cold temperatures (-25°C/-13°F).

NOTE: This excessive vibration does not occur if the engine mount rubber No.1 is over -25°C/-13°F.

This may be caused by the No.1 engine mount rubber hardening under extremely cold temperatures due to inappropriate characteristic of the engine mount rubber.

(Figure shown is SKYACTIV-G 2.0 and SKYACTIV-G 2.5 engine for CX-5 2WD)



1	No.1 engine mount
2	No.3 engine mount
3	No.4 engine mount

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To eliminate this concern, the material of the No.1 engine mount rubber has been changed to increase the damping force under extremely cold temperatures.
Customers having this concern should have their vehicle repaired using the following repair procedure.

REPAIR PROCEDURE

1. Verify customer concern and if the symptom only occurs under -25°C/-13°F.

- If yes, replace the No.1 engine mount with a modified one according to the instructions on MGSS (ENGINE MOUNT DISASSEMBLY/ASSEMBLY).
 - CX-5 (ENGINE MOUNT DISASSEMBLY/ASSEMBLY [SKYACTIV-G 2.5 (WITH CYLINDER DEACTIVATION)])
 - CX-5 (ENGINE MOUNT DISASSEMBLY/ASSEMBLY [SKYACTIV-G 2.5 (WITHOUT CYLINDER DEACTIVATION)])
 - **NOTE:** It is not necessary to remove the transfer unit or bracket "B" on CX-5 AWD models. Use a prybar to apply slight pressure toward the rear of the vehicle to align the bolt holes in the mounting bracket "A" .
 - Mazda6 (ENGINE MOUNT DISASSEMBLY/ASSEMBLY [SKYACTIV-G 2.5T])
 - Mazda6 (ENGINE MOUNT DISASSEMBLY/ASSEMBLY [SKYACTIV-G 2.5 (WITH CYLINDER DEACTIVATION)])
 - Mazda6 (ENGINE MOUNT DISASSEMBLY/ASSEMBLY [SKYACTIV-G 2.5 (WITHOUT CYLINDER DEACTIVATION)])
- If not, this TSB does not apply.

2. Verify repair.

PARTS INFORMATION

Parts Number (New)	Parts Number (Old)	Description	Qty.	Notes
KN3L-39-040	K157-39-040A	No.1 engine mount	1	For CX-5 (KF) with SKYACTIV-G 2.5
GBVR-39-040A	GBVR-39-040	No.1 engine mount	1	For Mazda6 (GJ/GL) with SKYACTIV-G 2.5
KN0W-39-040	GBEF-39-040	No.1 engine mount	1	For Mazda6 (GJ/GL) with SKYACTIV-G 2.5T

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WARRANTY INFORMATION

NOTE:

- This warranty information applies only to verified customer complaints on vehicles eligible for warranty repair.
- This repair will be covered under Mazda's Powertrain Limited Warranty term.
- Additional diagnostic time cannot be claimed for this repair.

Warranty Type	A
Symptom Code	93
Damage Code	9E
Part Number Main Cause	****-39-040* (Select the part number of the No.1 engine mount applicable to the subject vehicle from "Parts Information" and enter it.)
Quantity	1
Operation Number / Labor Hours:	XXP8DXRX / 0.4 Hrs. (includes No.1 engine mount, RR)

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