

Title

Vibration, Noise from Engine Bay Area

Description

Powertrain Systems – Powetrain Mounting System – P11: 650S, 625C, 650S Spider, 675LT, 675LT Spider, P12: P1, P13: 570S, 570GT, 570S Spider, 540C, 600LT, 600LT Spider, P14: 720S, 720S Spider, P15: Senna. Refer to the document if noise is present inside the cabin that is originated from rear end of the car

Tags

Noise, vibration ,knock, rattle, engine mount, spacer

Document Information

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Vehicles affected:

P11: 650S, 625C, 650S Spider, 675LT, 675LT Spider

P12: P1

P13: 570S, 570GT, 570S Spider, 540C, 600LT, 600LT Spider

P14: 720S, 720S Spider

P15: Senna

Location: Powertrain Systems – Powetrain Mounting System

Concern: Noise/Vibration within the cabin

Condition: Idle, high engine speed primarily under load

Diagnostic Trouble Codes

NA

Measure

If there is a customer complaint of buzzing noise/vibration from the engine bay area use the following steps to confirm if this MTI is applicable.

The noise usually cannot be reproduce without driving the car. Depending on the vehicle model, the engine speed and load required to reproduce the issue will vary.

Due to this reason, it is advisable to use an Electronic Stethoscope Kit -“ChassisEAR” to pin point the origin of the noise.

Follow the link below to find a recommended tool:

<https://www.sykes-pickavant.com/products/electrical-diagnostics-and-test-tools/general-diagnostic-testing-tools/330>

Use chassis ear to identify which (if any) of the engine mount bushes are noise.

The bushes/spacers are highlighted below.



If is confirmed that the spacer is the cause of the noise, remove the retaining bolt and check if the spacer is loose fitting in the engine frame as per the video below.

If the spacer is found to be loose, it should be replaced with the revised part number. Refer to the Parts section of the document for the correct part number.

Parts Information

14FA290CP – Spacer Engine Mount Locator

Warranty Information

Resolution Code to use for the Warranty Claim is found below, the total time that can be claimed for the above repair is XXXXXXXXXX hour. For any additional time, ensure the breakdown of the time and explanation is recorded in the Work Package.

Location:

Function Group:

Sub Group:

Part:

Fault Group:

Fault Code:

Cause:

Rectification:

MTI Updates Information

N/A

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