

# Vibration or Rattle Noise From Right-hand Engine Mount

**Service Category** Engine/Hybrid System

**Market** USA and Mexico

**Section** Engine Mechanical



## Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2020 - 2024	Corolla	VDS(s): B4MCE, B4MDE, B4MEE, M4MCE, M4RCE, P4MCE, P4RCE, S4MCE, S4RCE, T4MCE, T4RCE Engine(s): M20

### REVISION NOTICE

April 01, 2024 Rev1:

- The Warranty Information section has been updated.
- Any previous printed versions of this bulletin should be discarded.

## Introduction

Some 2020 – 2024 model year Corolla vehicles may exhibit a vibration or rattle noise from the right-hand engine mounting insulator sub-assembly. This condition will usually go away when the engine Revolutions Per Minute (RPM) are above idle. This condition is typically found on vehicles in warm climates/weather. No Diagnostic Trouble Codes (DTCs) are associated with this condition. Follow the Repair Procedure in this bulletin to improve this condition.

## Table of Contents

- [Warranty Information](#)..... 2
  - [For USA Market](#)..... 2
  - [For Mexico Market](#)..... 2
- [Parts Information](#)..... 2
- [Repair Procedure](#)..... 3

## Vibration or Rattle Noise From Right-hand Engine Mount

---

### Warranty Information

#### For USA Market

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
EG2305	R & R the RH Engine Mount	0.7	12305-#####*	9B	14

\*Warranty claim MUST be submitted with the correct 10-digit OFF. Choose the correct OFF for the vehicle being repaired by searching for the parts in the Electronic Parts Catalog using the VIN filter.

#### **APPLICABLE WARRANTY**

- This repair is covered under the Toyota Powertrain Warranty. This warranty is in effect for 60 months or 60,000 miles, whichever occurs first, from the vehicle's in-service date.
- Warranty application is limited to occurrence of the specified condition described in this bulletin.

#### For Mexico Market

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
EG2305	R & R the RH Engine Mount	0.7	12305-#####*	9B	14

\*Warranty claim MUST be submitted with the correct 10-digit OFF. Choose the correct OFF for the vehicle being repaired by searching for the parts in the Electronic Parts Catalog using the VIN filter.

#### **APPLICABLE WARRANTY**

- This repair is covered under the Toyota Basic Warranty. This warranty is in effect for 36 months or 60,000 kilometers, whichever occurs first, from the vehicle's in-service date.
- Warranty application is limited to occurrence of the specified condition described in this bulletin.

### Parts Information

PART NUMBER		PART NAME	QTY
PREVIOUS	NEW		
12305-F2010	12305-24110	Insulator Sub-assy, Engine Mounting, RH	1

## Vibration or Rattle Noise From Right-hand Engine Mount

### Repair Procedure

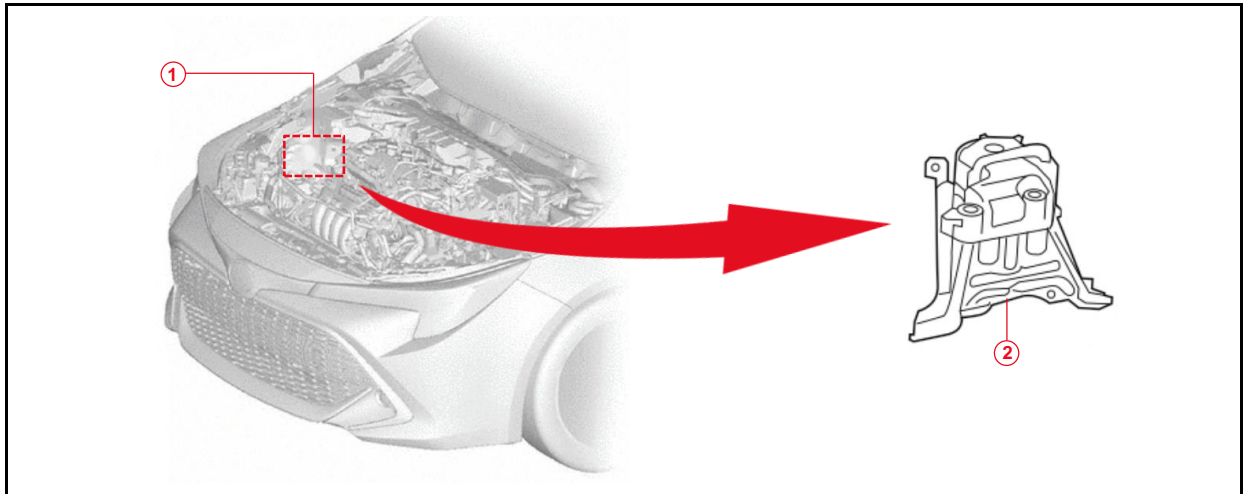
1. Confirm the condition exists.

Does the vehicle exhibit a vibration or rattle noise from the right-hand engine mounting insulator sub-assembly that usually goes away when the engine RPM are above idle?

- **YES** — Continue to step 2.
- **NO** — This bulletin does NOT apply. Continue diagnosis following the applicable Repair Manual.

2. Locate the right-hand engine mounting insulator sub-assembly.

**Figure 1.**



<b>1</b>	<b>Location of the Right-hand Engine Mounting Insulator Sub-assembly</b>
<b>2</b>	<b>Right-Hand Engine Mounting Insulator Sub-assembly</b>

3. Remove the right-hand engine mounting insulator sub-assembly.

Refer to TIS, applicable model and model year Repair Manual:

- [2020 – 2021](#) / [2022](#) / [2023 – 2024](#) Corolla:  
*Engine / Hybrid System – M20A-FKS (Engine Control) – Camshaft Timing Control Motor – Removal*

4. Install the NEW right-hand engine mounting insulator sub-assembly with the part number provided in the Parts Information table.

Refer to TIS, applicable model and model year Repair Manual:

- [2020 – 2021](#) / [2022](#) / [2023 – 2024](#) Corolla:  
*Engine / Hybrid System – M20A-FKS (Engine Control) – Camshaft Timing Control Motor – Installation*

5. Confirm the condition has improved.