

October 8, 2020

Version 1

Rear Engine Mount Chirps

AFFECTED VEHICLES

Year	Model	Trim Level	VIN Range
2018	Pilot	2WD	5FNYF5...JB000301 and later
2018	Pilot	4WD	5FNYF6...JB000176 and later
2019	Pilot	ALL	ALL
2018	Ridgeline	2WD	5FPYK2...JB001952 and later
2018	Ridgeline	4WD	5FPYK3...JB011230 and later
2019	Ridgeline	ALL	ALL

SYMPTOM

You hear a chirping in the cabin with the engine running, the transmission in Drive, and the engine at operating temperature.

POSSIBLE CAUSE

An issue with the rear engine mount can cause internal components to wear prematurely. This may cause a chirping once the engine warms up.

CORRECTIVE ACTION

Do the diagnosis and, based on the results, replace the rear engine mount.

PARTS INFORMATION

Part Name	Part Number	Quantity
Rear Engine Mount	50810-TZ5-A03	1
Flange Nut (12 mm)	90371-SAA-010	2
Flange Bolt (10 mm X 35 mm)	90163-SDA-A01	1
Flange Bolt (10 mm X 16 mm)	90178-SDA-A00	3
Flange Bolt (10 mm X 30 mm)	90161-T2F-A01	1

CUSTOMER INFORMATION: The information in this bulletin is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely maintain your vehicle. These procedures should not be attempted by "do-it-yourselfers," and you should not assume this bulletin applies to your vehicle, or that your vehicle has the condition described. To determine whether this information applies, contact an authorized Honda automobile dealer.

WARRANTY CLAIM INFORMATION

The normal warranty applies.

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
112103	Diagnose the chirping, and replace the rear engine mount.	1.2 hr	03214	03217	A20068A	50810-TZ5-A03

Skill Level: Repair Technician

DIAGNOSIS

1. Start the engine, and make sure it warms up to operating temperature (the cooling fans cycle twice).
2. Put the transmission in Drive, and apply the parking brake. Place a stethoscope or a long, thin screwdriver on the airbag mounting bolt, and listen for a chirp.



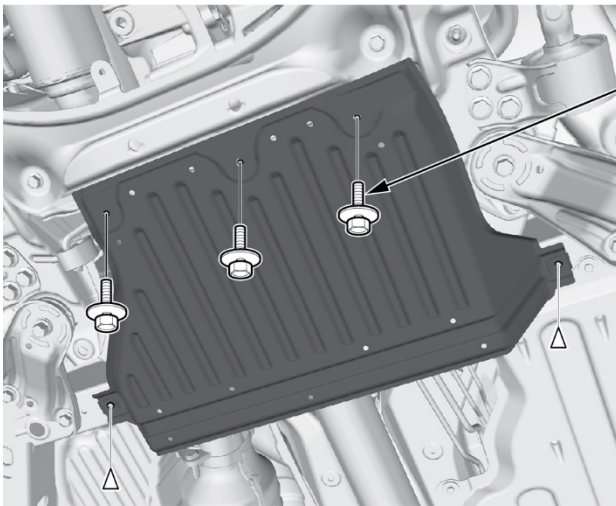
AIRBAG
MOUNTING
BOLT

- If you hear the chirp from the rear engine mount, go to step 3.
- If you hear a chirp coming from the high pressure fuel pump, refer to S/B 16-013, *High Pressure Fuel Pump Chirps*.
- If you hear a chirp coming from the timing belt area, refer to S/B 16-054, *Timing Belt Chirps*.
- If you do not hear a chirp, this bulletin does not apply. Continue with normal system troubleshooting.



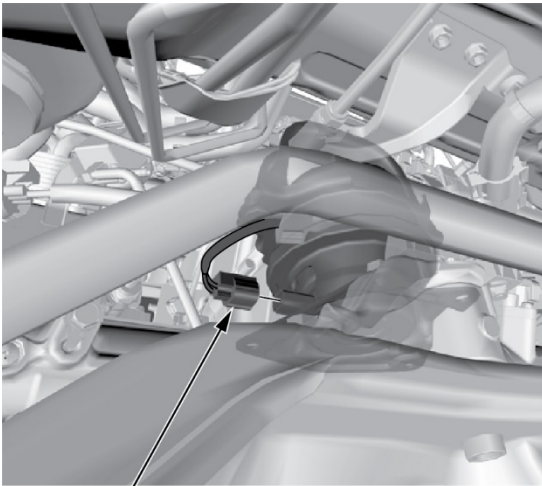
Rear Engine Mount Chirp.

3. Put the vehicle on a lift, and remove the engine undercover.



BOLTS x3
9.3 N-m (6.9 lb-ft)

4. Unplug the connector to the rear engine mount, lower the vehicle, then listen for the chirp at the airbag mounting bolt again.

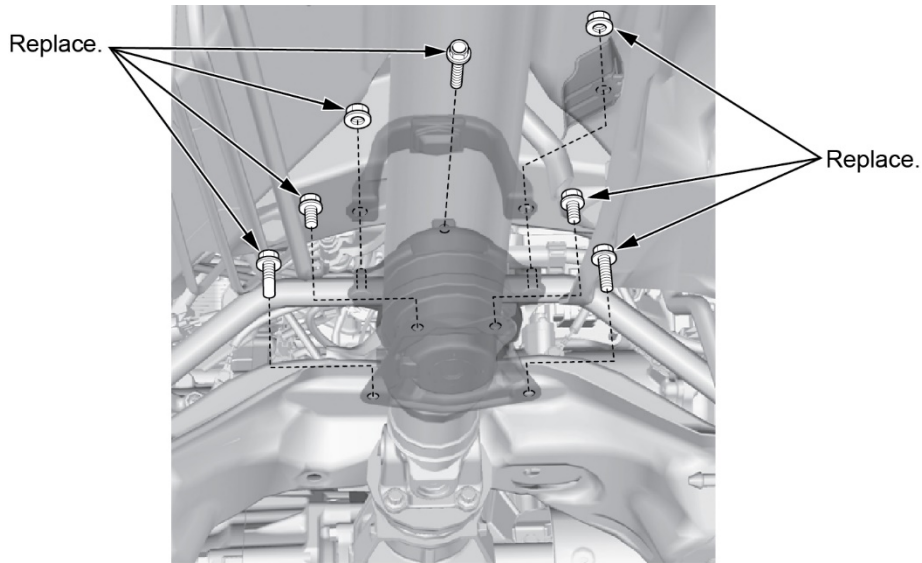


CONNECTOR
Disconnect.

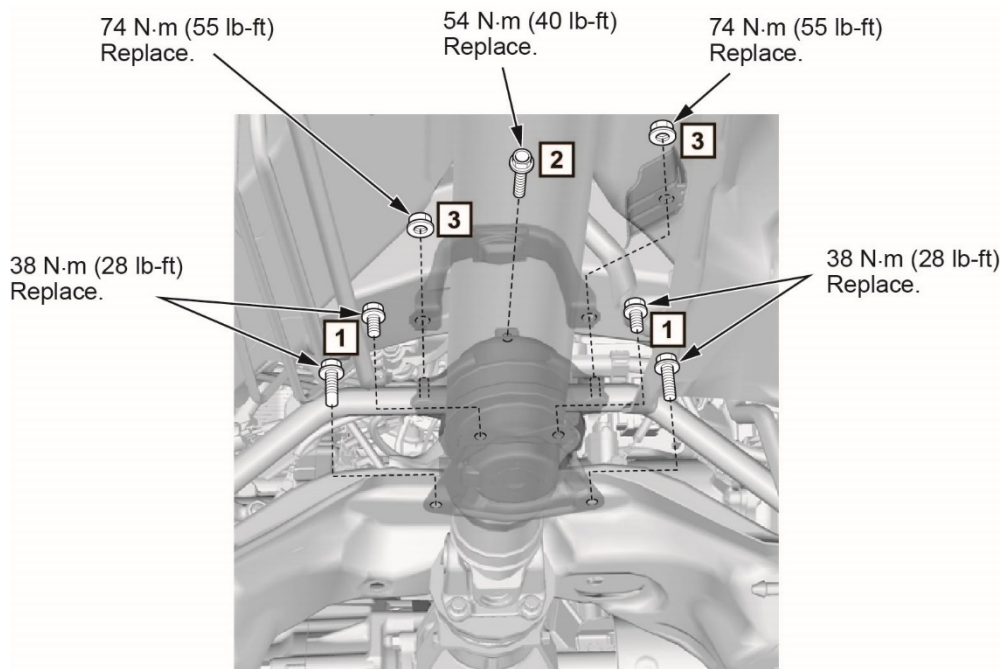
- If the chirp is gone, go to REPAIR PROCEDURE.
- If you still hear the chirp, this bulletin does not apply. Connect the connector, and continue with normal system troubleshooting.

REPAIR PROCEDURE

1. Lift and support the engine with a transmission jack and a wood block under the engine oil pan.
2. Remove the rear engine mount from the right front wheelhouse side.



3. Install the new rear engine mount, and torque the bolts and nuts in the sequence shown.



4. Connect the connector and install the engine undercover.

END