

January 20, 2015

51321-00375 Version 3

Chirping From the Engine Area While Driving On Rough Roads in Hot Weather

Supersedes 14-024, dated July 23, 2014, to revise the information highlighted in yellow.

AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2013-15	ILX	ALL Except Hybrid	ALL Except Hybrid

REVISION SUMMARY

- Under AFFECTED VEHICLES, the 2015 Year Model was added and the trim levels were changed to ALL.
- Under PARTS INFORMATION, the 2.4 liter side engine mount and flange bolt was added.

SYMPTOM

There is a chirping from the engine area while driving on rough roads in high ambient temperatures.

POSSIBLE CAUSE

The side engine mounts internal components are rubbing together, causing a noise.

CORRECTIVE ACTION

Replace the side engine mount.

PARTS INFORMATION

Part Name	Part Number	Quantity
Side Engine Mount (2.0 liter engine)	50820-TX6-A82	1
Side Engine Mount (2.4 liter engine)	50820-TX6-A01	1
Flange Bolt (12 mm x 97 mm)	90165-SWY-E00	1
Flange Bolt (12 mm x 35 mm)	90168-S5A-000	2
Flange Bolt (14 mm x 47 mm)	90160-TR0-A10	1
Flange Bolt (14 mm x 47mm) (2.4 liter)	90160-SVB-A00	1
Flange Nut (14 mm)	90371-SJD-003	1

CLIENT 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 Acura automobile dealer.

WARRANTY CLAIM INFORMATION

The normal warranty applies.

Operation Number	Description	Flat Rate Time	Template ID	Failed Part Number
1121A5	Replace the side engine mount.	0.8 hr	14-024N	50820-TX6-A80

Defect Code: 03214

Symptom Code: 07303

Skill Level: Repair Technician

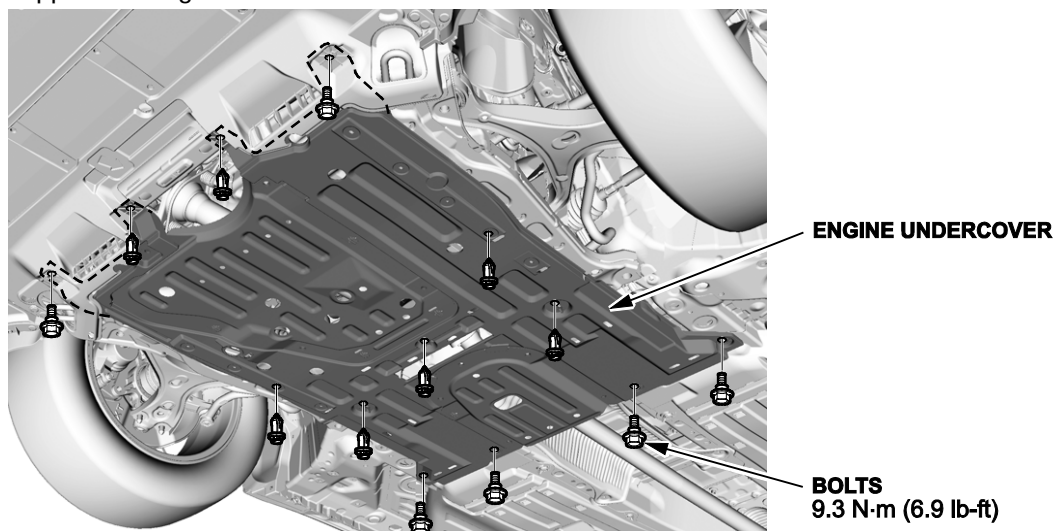
DIAGNOSIS

Test-drive the vehicle on a rough road and listen for the chirping.

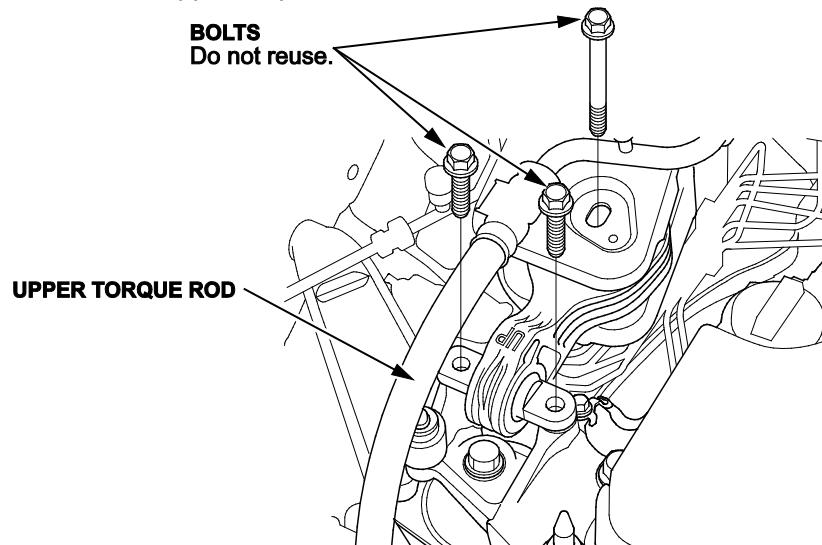
- If you hear a chirping, go to REPAIR PROCEDURE.
- If you do not hear a chirping, this bulletin does not apply, continue with normal troubleshooting.

REPAIR PROCEDURE

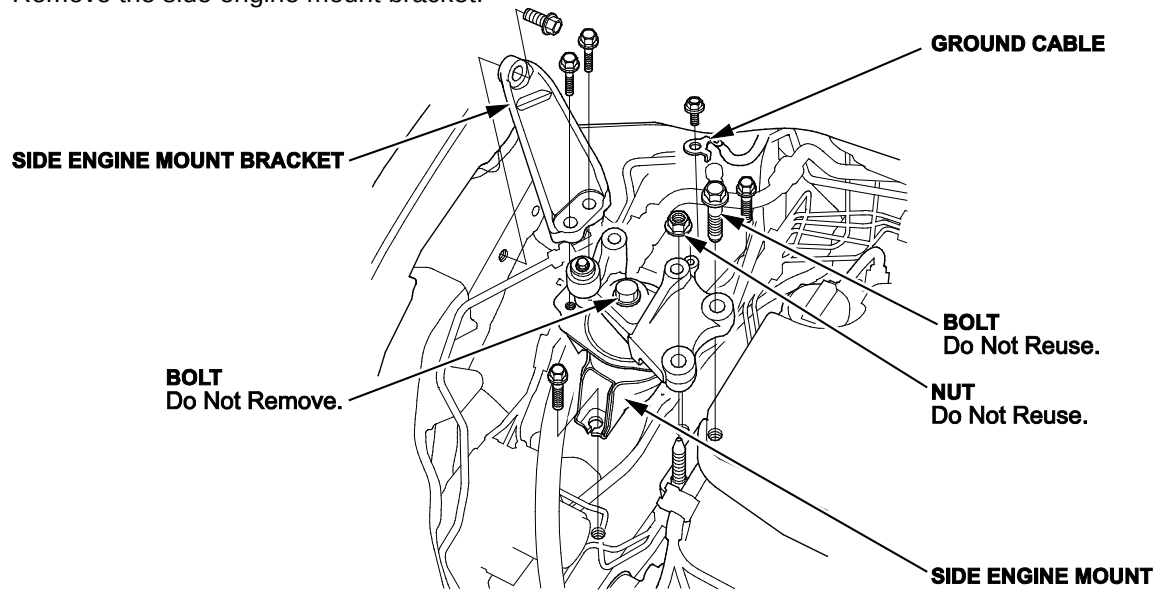
1. Raise the vehicle on a lift.
2. *(2.0 liter engine only)*: Remove the engine undercover. Place a floor jack with a wood block under the oil pan to support the engine.



3. Remove the upper torque rod.



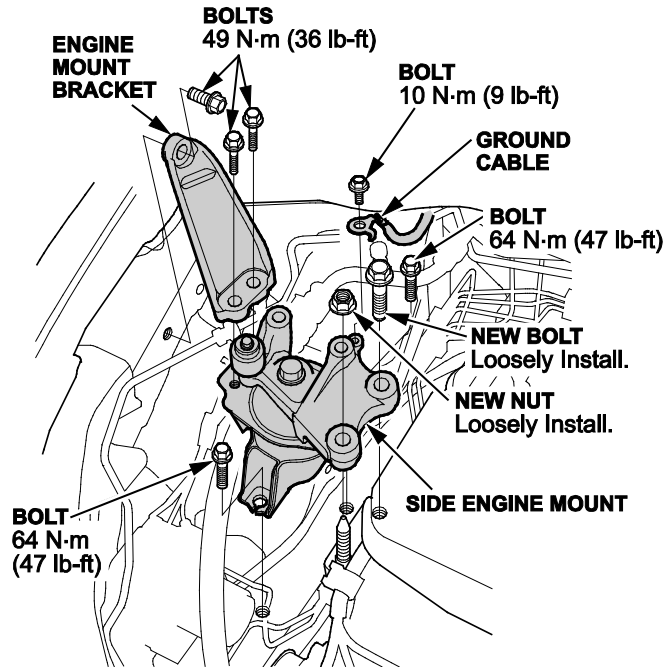
4. Remove the side engine mount bracket.



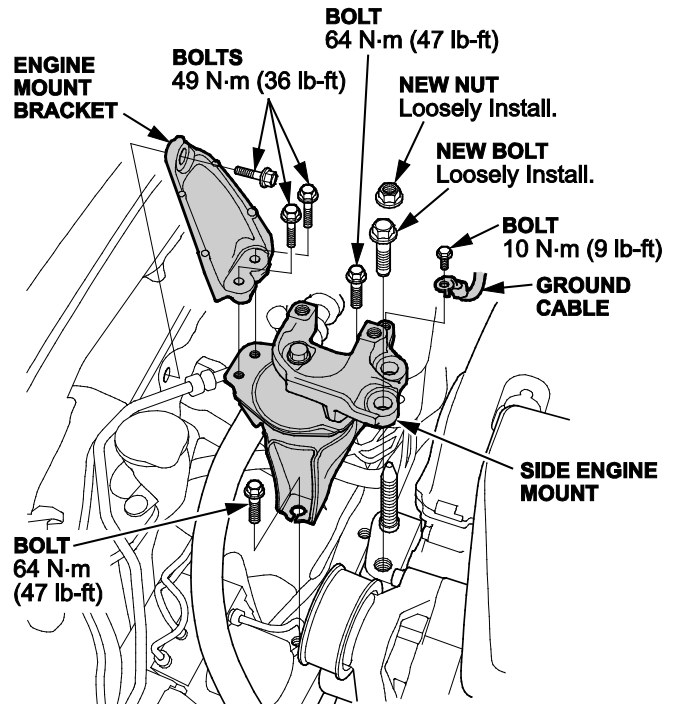
5. Remove the ground cable.
6. Remove the side engine mount.

7. Install the new side engine mount.

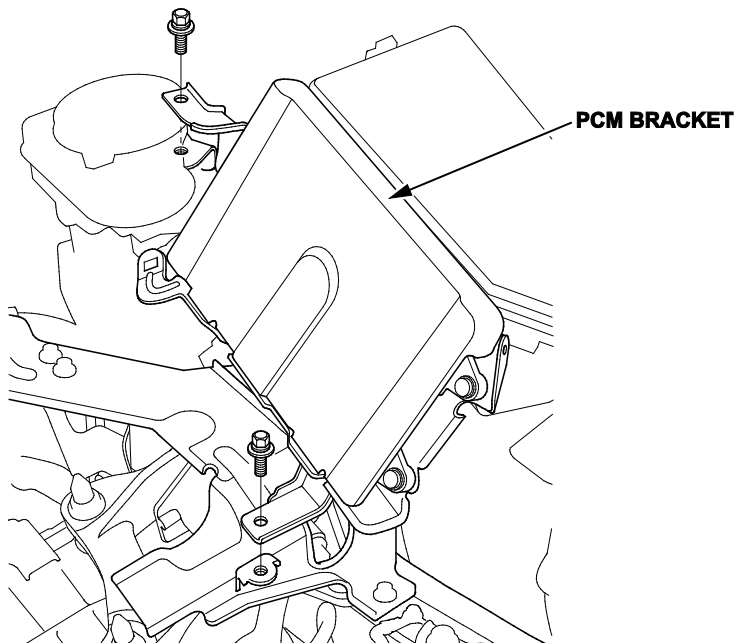
2.0 ENGINE



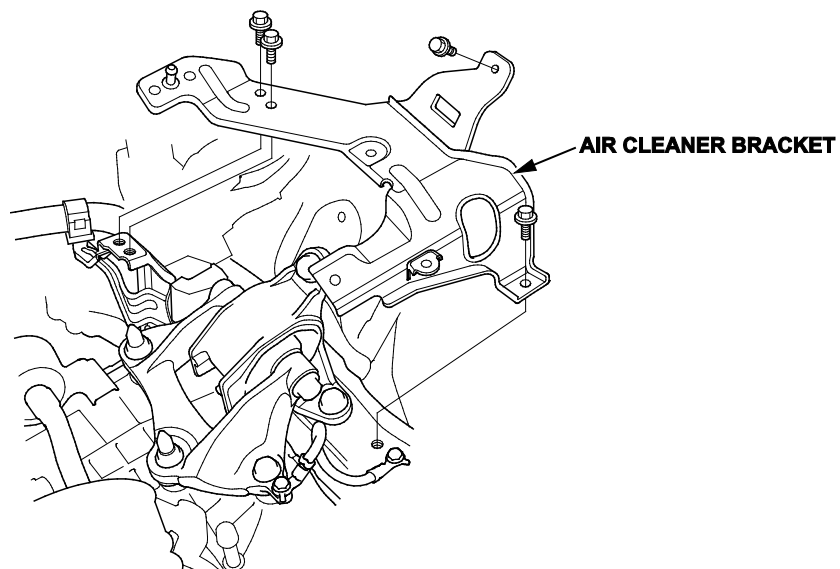
2.4 ENGINE



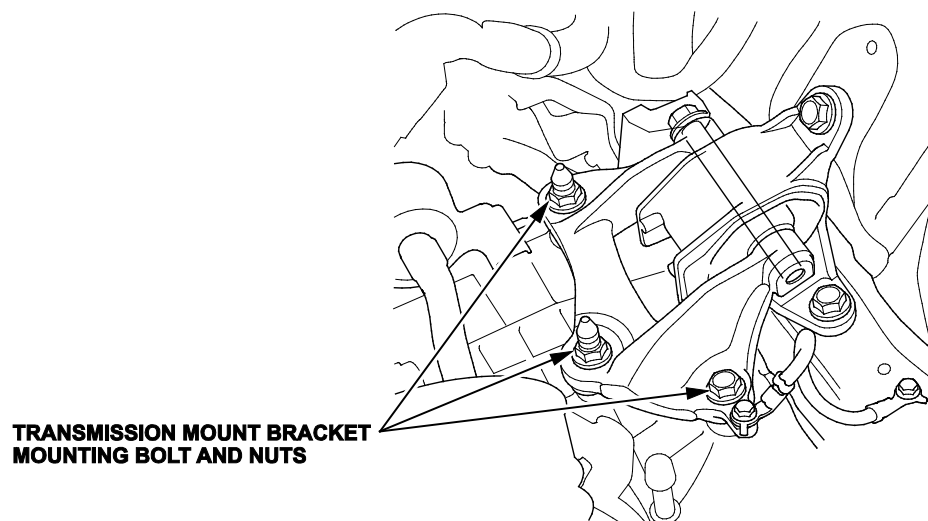
8. Tighten the side engine mount bolts to **64 N·m (47 lb-ft)** and loosely install the new bolt and the new nut.
9. Install the ground cable.
10. Install the side engine mount bracket.
11. Remove the floor jack and wooden block.
12. Remove the air cleaner.
13. Remove the PCM bracket but **DO NOT** disconnect the PCM connectors.



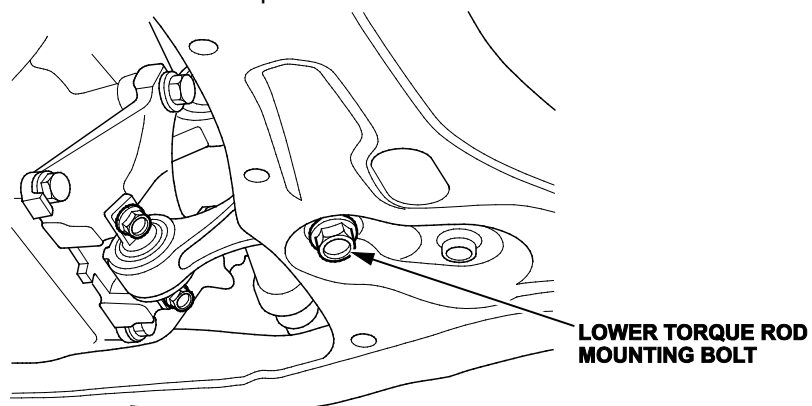
14. Remove the air cleaner bracket.



15. Loosen the transmission mount bracket bolts and nuts.

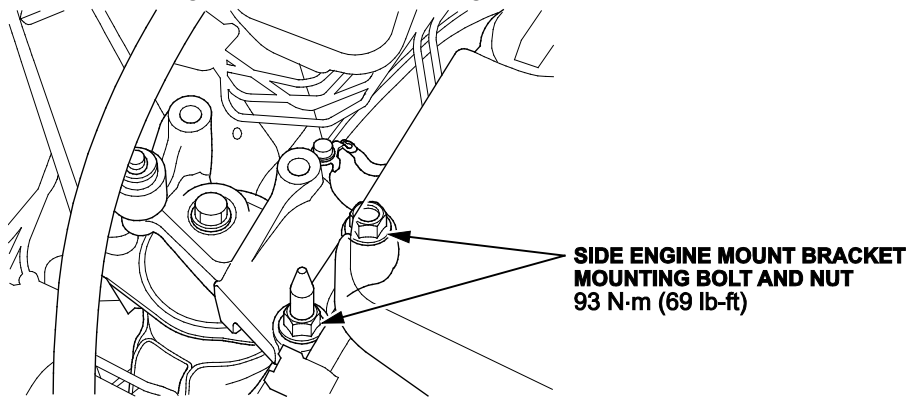


16. Loosen the lower torque rod bolt.

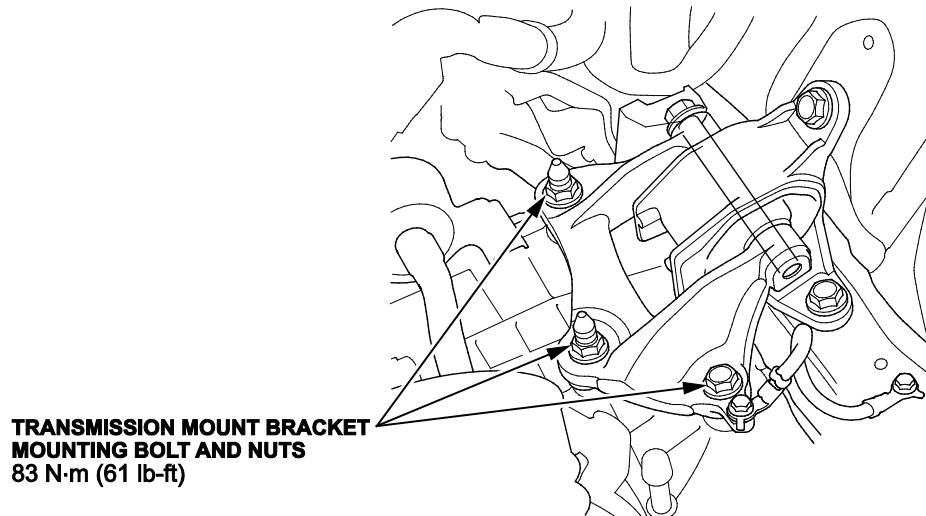


17. Tighten the side engine mount bracket bolt and nut to **93 N·m (69 lb-ft)**.

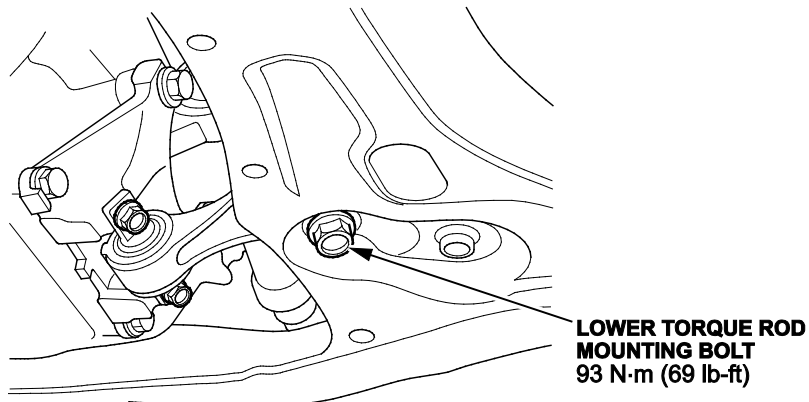
NOTE: 2.0L engine shown, the 2.4L engine is similar.



18. Tighten the transmission mount bracket bolt and nuts to **83 N·m (61 lb-ft)**.

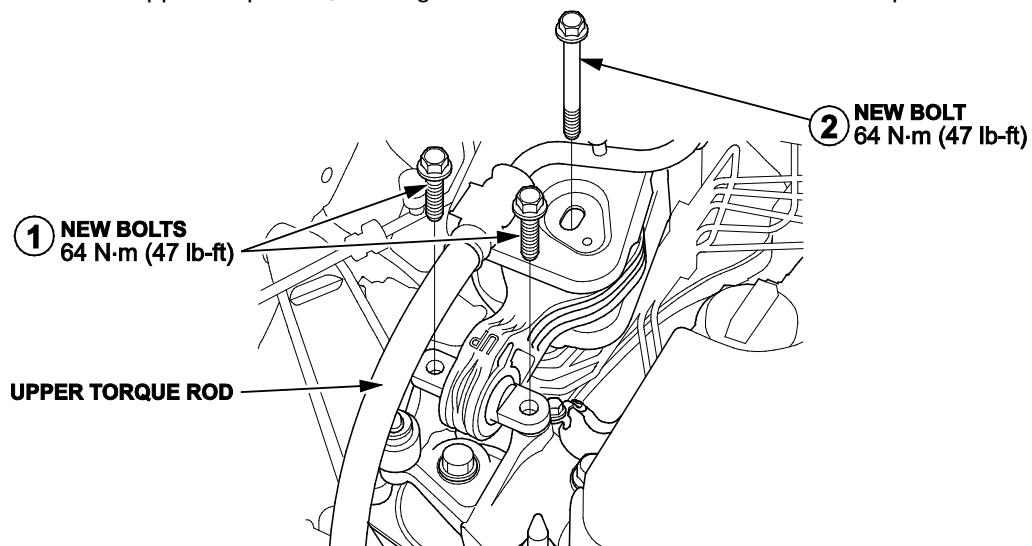


19. Tighten the lower torque rod bolt to **93 N·m (69 lb-ft)**.

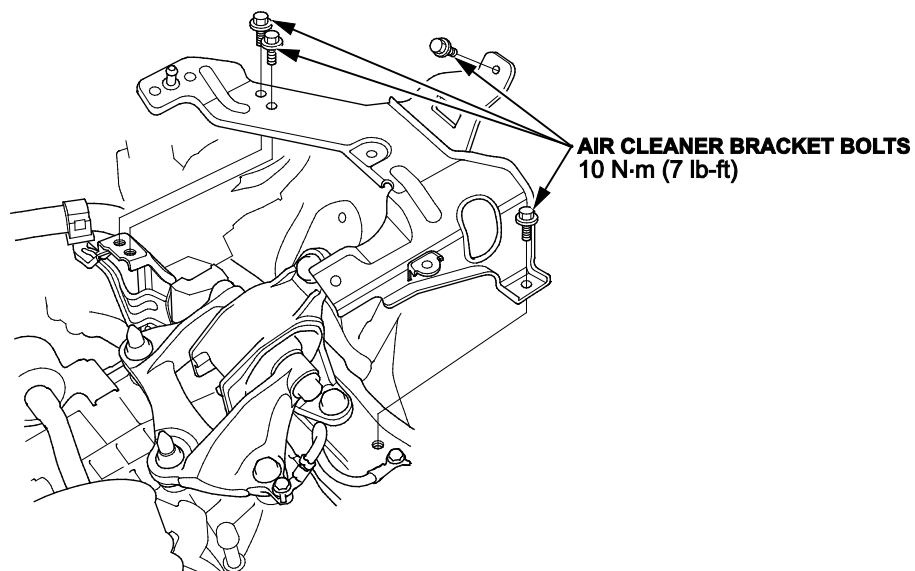


20. (2.0 liter only): Install the undercover.

21. Install the upper torque rod, then tighten the new bolts in the numbered sequence as shown to **64 N·m (47 lb-ft)**.

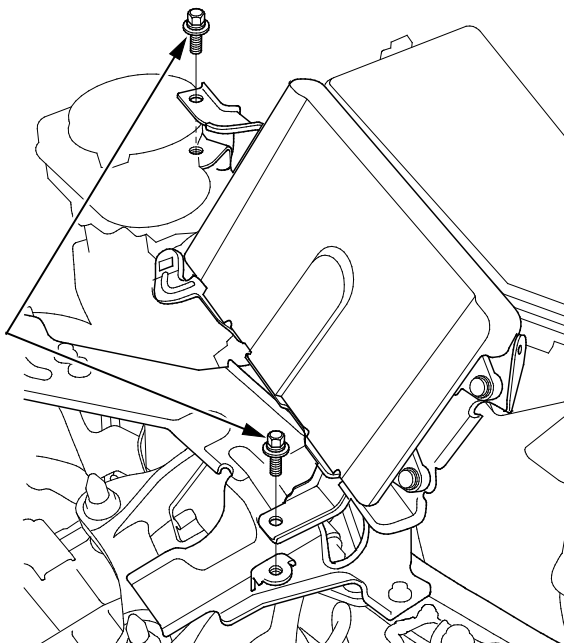


22. Install the air cleaner bracket.



23. Install the PCM bracket.

PCM BRACKET BOLTS
10 N·m (9 lb-ft)



24. Install the air cleaner.

END