



SERVICE CAMPAIGN

ID No. M0480

Ref. No. SCB-002-24

Release Date 4/10/2025

M0480 RADIATOR MOUNT ISOLATOR

OVERVIEW

Subject vehicles contain a radiator mount vibration isolator that may have been manufactured using a surface coating that may cause the isolator rubber to crack and separate over time. The following work procedure will provide guidance for replacement of the isolators.

SUBJECT VEHICLES

Thirty-eight (38) 2024 model year Hino conventional vehicles manufactured before March 15, 2023 are affected.

NOTE: Refer to the appropriate Vehicle Identification Number (VIN) list to determine vehicle eligibility.

BEFORE YOU BEGIN

- Read and understand all instructions and procedures before you begin the work.
- Read and follow all **WARNINGS** and **NOTICES** set forth in this publication. These alerts help to avoid damage to components, serious personal injury, or both.
- Park the vehicle on a flat, level and solid surface.
- Place the gear shift lever in "Neutral" or "Park".
- Apply the parking brake firmly and confirm parking brake activation.
- Turn off the engine and remove the key from the ignition switch.
- Always wear safety glasses or goggles to protect your eyes.
- Place wheel chocks in front of and behind all the wheels to prevent the vehicle from moving.

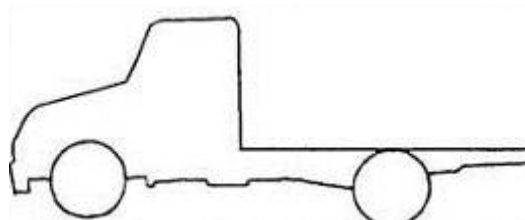
PARTS

PART NUMBER (Supplier No.)	PART DESCRIPTION	QUANTITY
16523EW010	Radiator Support (Vibration Isolator)	4

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VEHICLE PREPARATION

1. Park the vehicle on a flat, level and solid surface.



2. Confirm the engine is stopped, the ignition switch is in the off (LOCK) position, and the key is removed.



3. Apply the parking brake.

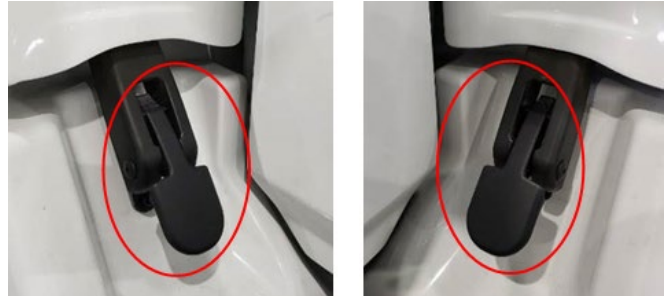


4. Chock all the wheels.



REPAIR PROCEDURE

1. Release the hood latches on the left and right side of the vehicle.



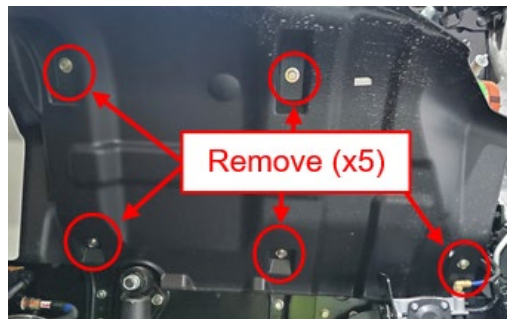
2. Fully raise the hood.



3. Remove the two 12mm fasteners from air horn (if equipped) and set air horn aside.

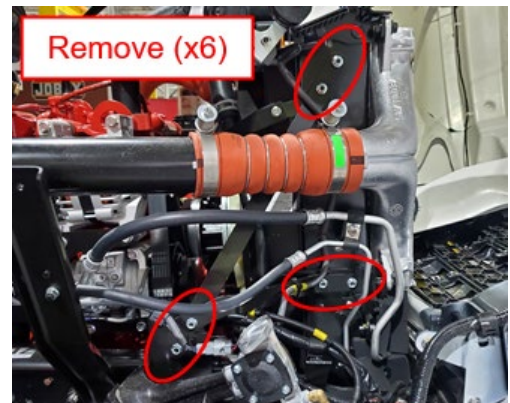


4. Remove the five 10mm fasteners from passenger side splash shield and remove the splash shield from vehicle.

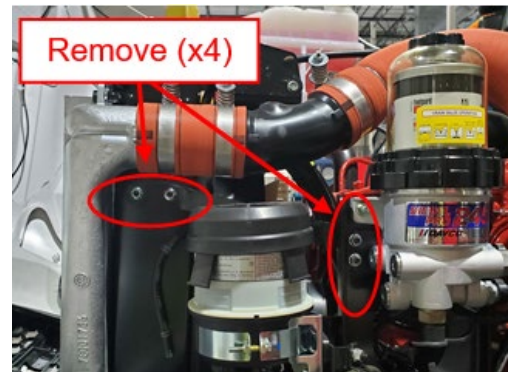


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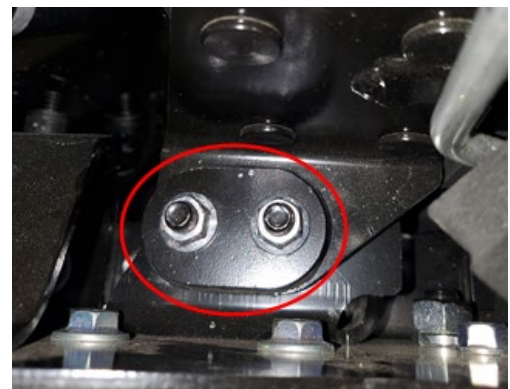
5. Remove the six 12mm fasteners from the passenger side radiator support brackets and remove brackets from vehicle.



6. Loosen but do not remove the four 12mm fasteners from the driver side radiator support bracket. (Driver side splash shield removed for clarity).



7. Remove the two 14mm fasteners and metal plate from the lower radiator mounts on both the driver and passenger sides of the vehicle. Accessed from top side of vehicle between the frame rail and radiator.



8. Remove the upper radiator isolator bushings from both the driver and passenger sides of the vehicle and discard.



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NOTICE: Before proceeding be sure all fasteners have been loosened and or removed in steps 5 thru 8.

9. Position a floor jack with a block of wood under the passenger side of the lower radiator tank. Slowly raise the radiator approximately 2 inches.



10. Remove the lower two 19mm fasteners from the passenger side front spring hanger reinforcement bracket.



11. Lower the passenger side radiator mounting bracket in the frame rail, remove lower radiator isolator bushing and discard. Install a new 16523EW0010 radiator isolator bushing.



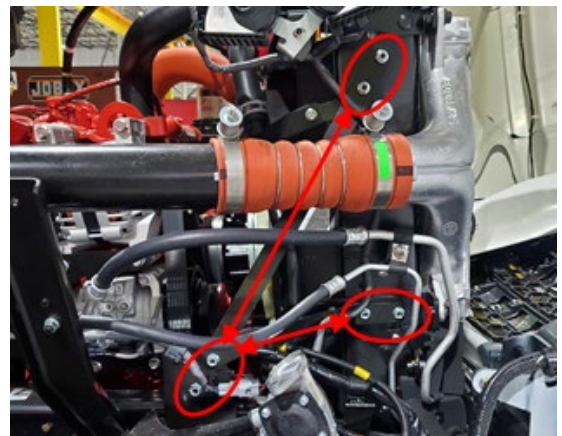
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12. Reposition the lower radiator mounting bracket on frame rail, align the holes and reinstall the fasteners removed in step 10. Tighten these to the specified torque. Lower the radiator.

Specified Torque: 88 lb-ft (119Nm)



13. Reinstall both passenger side support brackets removed in step 5. Do not tighten the fasteners at this time.



14. Remove the four fasteners and the driver side radiator support bracket loosened in step 6.

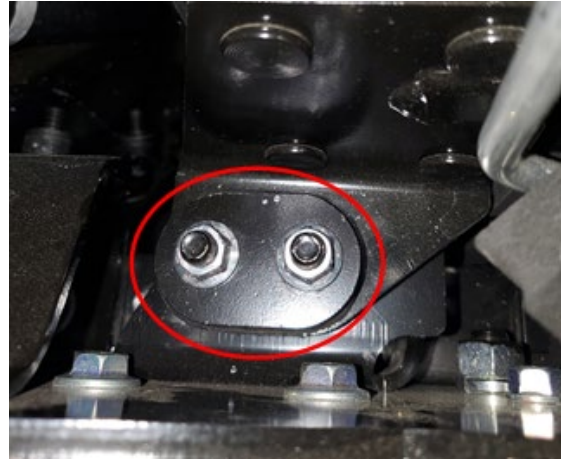


15. Repeat steps 9 thru 12 on driver side of vehicle.

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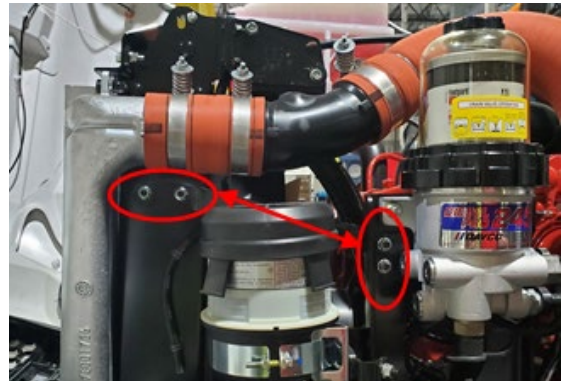
16. Install a new 16523EW010 radiator isolator bushing, metal plate and the two 14mm fasteners removed in step 7 onto the lower radiator mounts on both the driver and passenger sides of the vehicle. Tighten the 14mm fasteners to the specified torque.

Specified Torque: 26 lb-ft (35Nm)



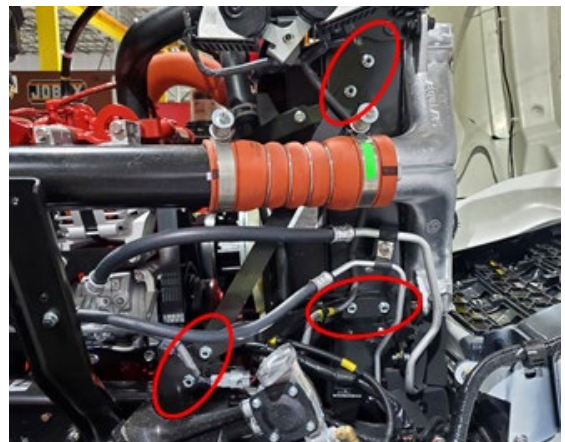
17. Reinstall the driver side radiator support bracket and the four fasteners removed in step 14. Tighten to the specified torque.

Specified Torque: 23 lb-ft (31Nm)



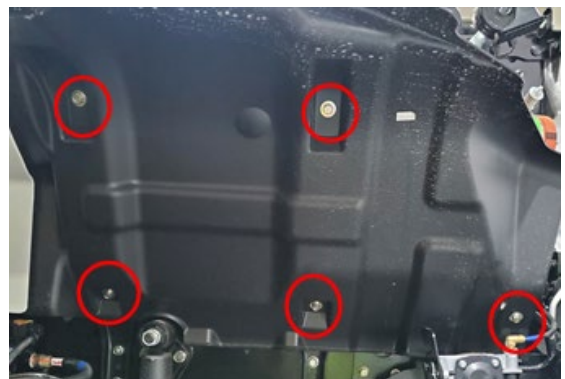
18. Tighten the six 12mm fasteners installed in step 13 on the passenger side radiator support brackets to the specified torque.

Specified Torque: 23 lb-ft (31Nm)



19. Reinstall the passenger side splash shield and the five 10mm fasteners removed in step 4. Tighten to the specified torque.

Specified Torque: 16 lb-ft (22Nm)



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20. Reinstall the air horn and the two 12mm fasteners removed in step 3 (If equipped). Tighten the fasteners to the specified torque.

Specified Torque: 16 lb-ft (22Nm)



FINAL INSPECTION

1. To complete this procedure review and confirm the following:
 - All four radiator isolator bushings have been replaced with new parts
 - All fasteners have been tightened to the specified torque

CLAIM APPLICATION

* Reimbursable in accordance within the terms and policies of the Hino limited warranties.

- a) Campaign No.: M0480
- b) Labor charge: 1.1 Hours
- c) Warranty code: 13132
- d) Trouble code: 98
- e) Operation code: 13150AOT
- f) Original failed part: 9999999999