

Safety Recall

Subject: NV8J VERTICAL EXHAUST BOLT TORQUE

Date: 04/30/2010

Bulletin #: R0038

Campaign #: M0180

Affected Models: Certain 2009 and 2010 model year Hino conventional trucks assembled at the Williamstown, WV assembly plant between July 16, 2008 and June 11, 2009.

Important: Verify on the Hino DCS Warranty System that the vehicle still needs to have this work performed.

Description:

This bulletin includes the instructions for replacing the vertical stack tail support arm bolts and applying the correct torque to the flex pipe clamps.

Condition:

The vertical exhaust support to side-rail attachment bolts and the flex pipe clamp bolts may not have been properly tightened during the manufacturing process. If the bolts were not properly tightened, the bolts and the vertical exhaust support may have been damaged or could become loose. This could cause the bolts to fail and thus the exhaust system would not be supported as designed. This condition would place additional stress on the other exhaust devices and could lead to additional failures. If this condition were undetected, it ultimately could result in a portion of the exhaust system separating from the vehicle, thus falling onto the surface of the roadway. If this fallen portion of the exhaust system were struck by a vehicle, it could ultimately result in an accident.

Subject Vehicles:

All Hino conventional trucks assembled at the Williamstown, WV assembly plant built between April 6, 2009 and June 30, 2009.

Before You Begin:

Read and understand all instructions and procedures before you begin. Read and observe all caution and warning safety alerts that precede these instructions while following these procedures. The alerts help to avoid serious personal injury, damage to components, or both.

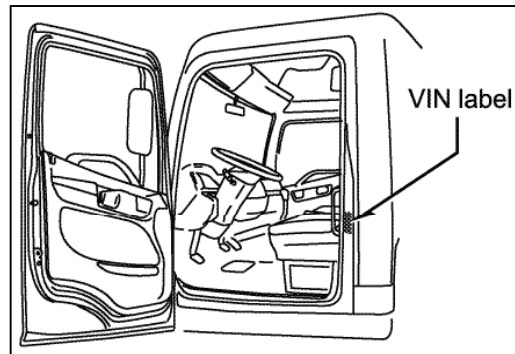
Safety Recall

!!! WARNING !!!

- Read and understand all instructions and procedures before you begin the work.
- Read and follow all WARNINGS set forth below. These alerts help to avoid damage to components, serious personal injury, or both.
- Park the vehicle on a flat and level surface.
- Shift transmission to NEUTRAL.
- Apply the parking brake. Confirm parking brake activation.
- Confirm the engine is stopped, the starter switch is in the off (LOCK) position, and the key is removed.
- Place wheel chocks in front of and behind all wheels.
- Use care when working around surfaces which may be hot.
- Wear safety glasses to prevent eye injuries.

Once Recall Is Completed

Complete a recall sticker and affix to the left door jam above the V.I.N. label.



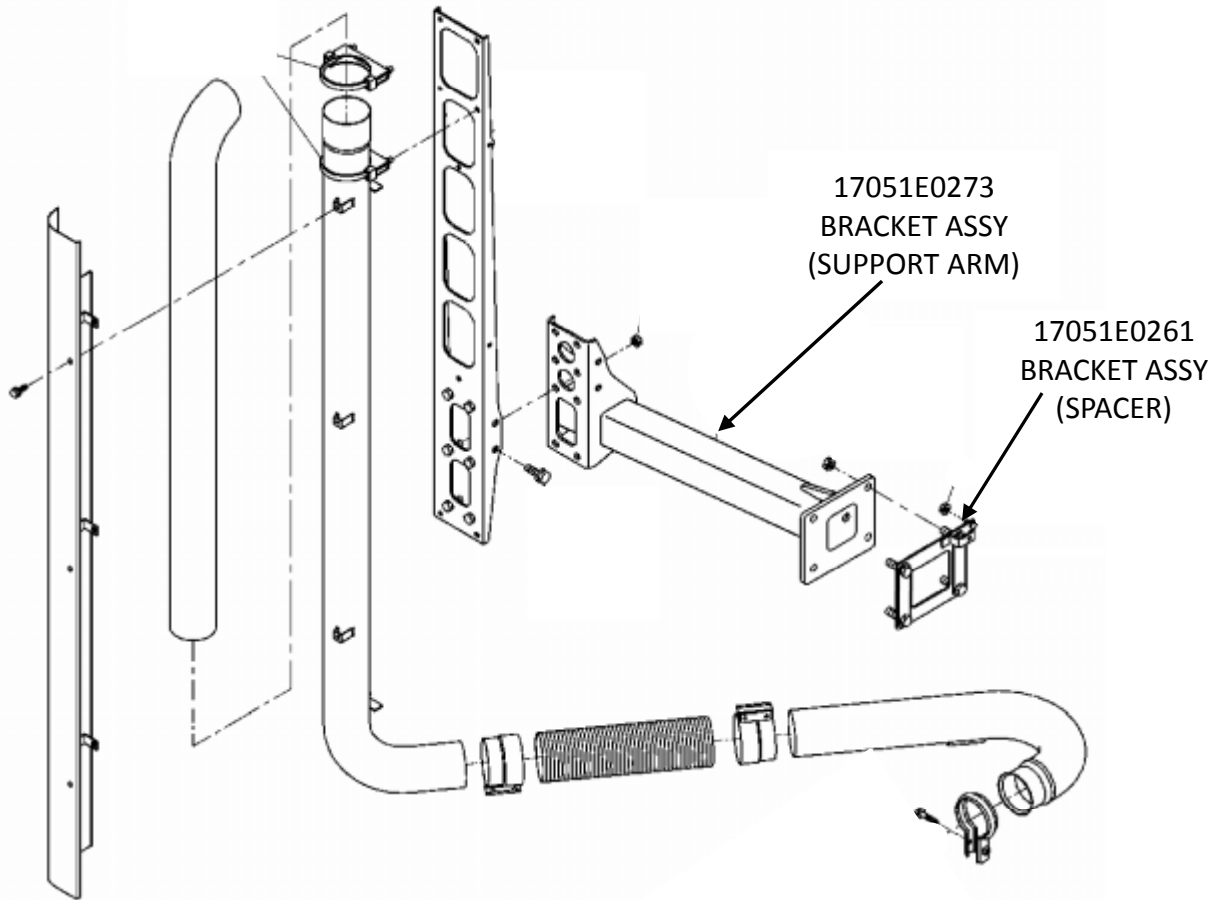
Required Parts:

Part Number	Description	Qty.
17051E0261	BRACKET ASSY (SPACER)	1
SZ17816007	NUT	4
17051E0273	BRACKET ASSY (SUPPORT ARM)	1
S1788E0040	CLAMP	3

Claim Application:

CAMPAIGN NUMBER: M0180
 TIME ALLOWANCE: 1.1 Hours
 WARRANTY CODE: 1141937
 OPERATION CODE: 11450AOT
 ORIGINAL PART NUMBER: 9999999999

Work Area Overview



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Procedure:

1. Park the vehicle on a level surface.
2. Confirm the engine is stopped, the starter switch is in the off (LOCK) position, and the key is removed.



3. Apply the parking brakes.



4. Chock all wheels.



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5. Remove the six bolts and the exhaust heat shield.



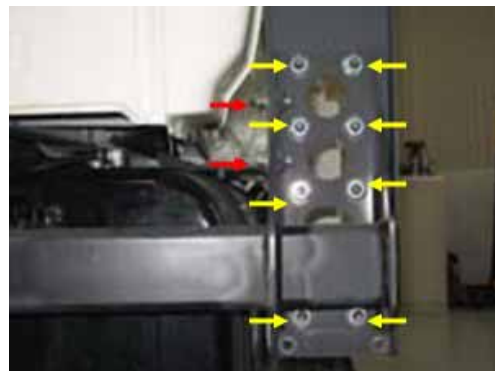
6. Loosen both flex pipe clamps and disconnect from the vertical stack pipe.



7. Remove the six nuts from the three stack pipe clamps. Remove the vertical stack.



8. Remove the eight nuts and two bolts at the vertical stack bracket. Remove the vertical stack bracket.



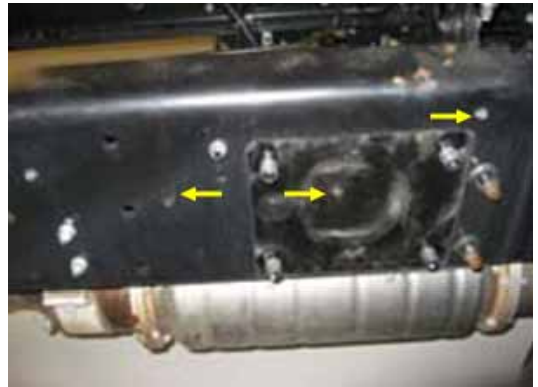
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9. Remove the four nuts from the lower support bracket. Remove the lower support arm.

Discard the nuts.



10. Release the three wire harness retainers attaching the harness to the frame rail.



11. Remove the locating nut from the bracket stud.



12. Release the wiring harness connector retainer from the bracket and remove the bracket.

Discard the bracket.



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- 13.** Install the new bracket (spacer) using the original locating nut.

Torque the nut to 16 ft. lbs. (22 Nm)



- 14.** Reinstall the wiring harness connector retainer to the bracket.



- 15.** Reinstall the wiring harness retainers through the frame rail.



- 16.** Install the new bracket (support arm) with the new nuts.

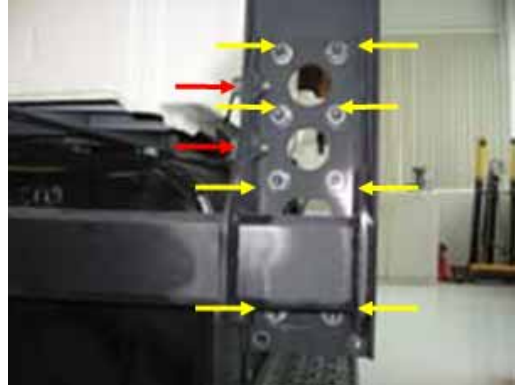
Torque the nuts to 85 ft. lbs. (115 Nm)



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17. Reinstall the vertical stack bracket reusing the eight nuts and two bolts.

Torque the nuts to 106 ft. lbs. (144 Nm)



18. Install, *hand tight*, the vertical stack with three new clamps with one of the supplied nuts.

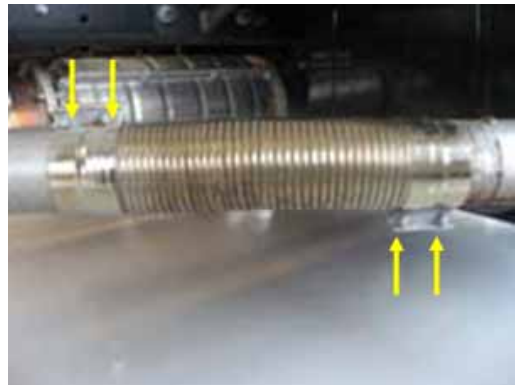
NOTE:

Ensure the locating tabs on the clamps align with the holes in the vertical stack bracket.



19. Reinstall the stack elbow to the flex pipe.

Torque the flex pipe clamps to 52 ft. lbs. (70 Nm)



20. Torque the six stack pipe u-bolt inner nuts to 29 ft. lbs. (40 Nm)



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- 21.** Install six jamb nuts on the three stack pipe u-bolt clamps.

Torque the nuts to 29 ft. lbs. (40 Nm)



- 22.** Reinstall the heat shield and the six bolts.

Torque the heat shield bolts to 16 ft. lbs. (22 Nm)

