

Emissions Recall

Subject: Davco Fuel Filter Upgrade Installation

Date: 03-03-2009

Bulletin: R0033

Campaign #: A6290

Affected Models: 2008-2009 ND8J (238), NE8J (268), NJ8J (268A), NV8J (338)

*******SPECIAL NOTE*******

DISREGARD THE DAVCO INSTRUCTIONS IN THE FUEL FILTER UPGRADE KIT

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 replacement of Davco fuel filter assembly components

Condition:

The Davco fuel filter assembly has been improved to prevent the effusion of air into the fuel system.

Subject Vehicles:

Certain 2008 and 2009 model year ND8J (238), NE8J (268), NJ8J (268A0 and NV8J (338) Hino conventional trucks assembled at the Long Beach, CA. and Williamstown, WV assembly plants.

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 damage to components, serious personal injury, or both.



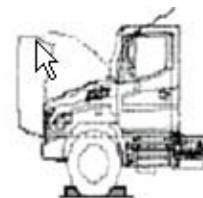
Once Recall is completed

Fill out the Recall Completion sticker as shown in the picture to the left. This sticker should be attached to the left door jam above the V.I.N. decal.

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!!! WARNING !!!

*Park the vehicle on a flat and level surface.
Apply the parking brake.
Shift transmission to NEUTRAL.
Block the wheels to prevent the vehicle from moving.
Use care when working around surfaces which may be hot.
Wear safety glasses to prevent eye injuries.
Use a suitable container for diesel fuel when draining the filter assembly.
Dispose of diesel fuel in a manner that is pursuant to local regulations.
Turn off the engine and remove the key from the ignition switch.
Clean up spilled fuel immediately.*



Required Parts:

Kit Part Number	Description	Quantity per Vehicle
102845	Fuel Filter Upgrade Kit (Davco)	1
	Kit Contents	Qty. Per Kit
	Pipe Sub Assembly	2
	Inlet Check Valve Body	1
	Outlet Fitting	1
	Vent Cap Seal	1
	Cover	1
	Cover Seal	1
	Retainer, Check Valve	1

Campaign = A6290

Initial stock of campaign parts will be shipped to each dealer. The campaign number will be used as the purchase order: A6290.

Upgrade Kit Installation:

1. Remove the top step.

Open the passenger side door to allow full access to the bolts.



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2. Disconnect the return and outlet fuel hoses from the fuel tanks.

NOTE: Save the clips for reuse later.



3. Remove the vent cap



4. Remove and discard the vent cap o-ring.

NOTE: Save the vent cap for reuse.



5. Drain the fuel from the filter assembly into a suitable container.

Close the drain valve after the filter assembly is empty.



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6. Remove the inlet and outlet hoses.

Allow hoses to drain into a suitable container.

NOTE: Save the clips for reuse later.



7. Remove and discard the banjo bolt, soft washers, and banjo fitting on both the inlet and outlet sides of the fuel filter assembly.



8. Remove the fuel inlet adapter and the fuel outlet adapter.

Discard the fuel outlet adapter.



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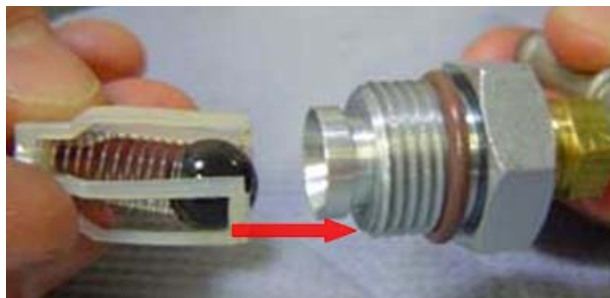
9. Remove and disassemble the check valve.

Discard the retainer and fuel inlet adapter.

Wash the ball and spring of the check valve in clean diesel fuel.



10. Assemble the new retainer, original ball, and original spring onto the new fuel inlet adapter.



11. Install, **HAND TIGHT**, the inlet adapter into the inlet side of the fuel filter assembly.



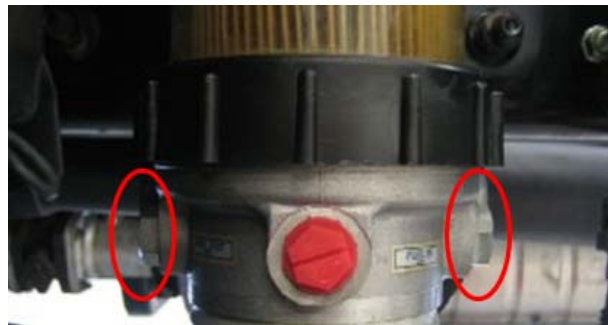
12. Install, **HAND TIGHT**, the fuel outlet adapter into the outlet side of the fuel filter assembly



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- 13.** Torque the inlet adapter and outlet adapter to the specified torque.

Specified Torque: 30 ft. lbs. (41 Nm).



- 14.** Install, **HAND TIGHT**, the pipe sub assemblies to the inlet and outlet adapters.

Position the inlet and outlet pipe sub assemblies so the open end is parallel (fully vertical) with the side-rail.



- 15.** Torque the pipe sub assemblies to the specified torque.

Specified Torque: 22 ft. lbs. (30 Nm).

NOTE: Do not allow the pipe sub assemblies to rotate out of position, as indicated in Step 14, when applying torque.



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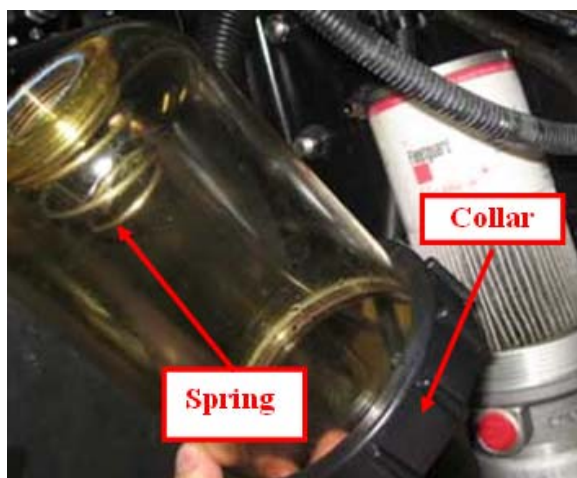
16. Reconnect the inlet and outlet hoses onto the filter assembly. Reuse the clips from Step 6.



17. Remove the collar and cover.

NOTE: Save the collar and spring for reuse later.

Discard the cover.



18. Install the old spring and new cap seal onto the new cover.



19. Install the newly constructed cover assembly. Tighten the collar to the specified torque.

Specified Torque: 17 ft. lbs. (23 Nm).



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20. Fill the filter assembly with clean diesel fuel.



21. Install the new cap seal onto the vent cap.



22. Reinstall, **HAND TIGHT**, the vent cap.



23. Re-connect the outlet and return fuel hoses onto the fuel tank(s).

Note: Reuse the clips from Step 2.



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24. Install the top step with the four bolts.

Torque the bolts to the specified torque.

Specified Torque: 32 ft. lbs. (43 Nm).



25. Start and idle the engine for three minutes (restart the engine if it stalls).

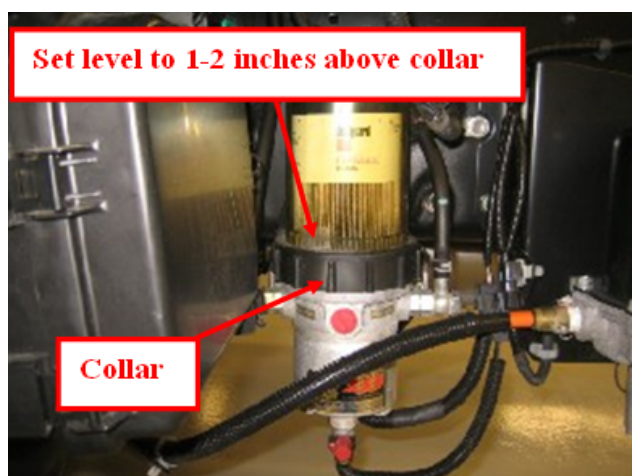
26. Adjust the fuel level with the engine running.

A) Loosen the vent cap.

B) Allow the fuel level to drop to one to two inches above the collar of the filter assembly.

C) Quickly tighten the vent cap. Torque the vent cap to the specified torque.

Specified Torque: 3 ft. lbs. (405 Nm).



27. Check all previously open fuel system connections for leaks.

Warranty Application Information

NOTE: When processing claims for this campaign, the filter assembly upgrade kit (Part 102845 only) must be billed as a sublet. File sublet for \$37.30 which includes 30% mark up.

Campaign Number: A6290

Time Allowance: 0.5 Hours

Warranty Code: 06314/ TCode 98

Operation Code: 06350AOT

Original Part Number: 23300E0160