

Group:	42 – Rear Axle
Warranty Code:	5221973
Bulletin No.:	SB -13 - 001
Issue Date:	4/04/2013

S E R V I C E B U L L E T I N

Incorrect Rear Axle Differential Fluid

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

CONDITION:

Certain rear drive axles were improperly filled with non-synthetic differential fluid during assembly at the WV assembly plant instead of the intended Full Synthetic differential fluid. The non-synthetic differential fluid must be drained and refilled with the recommended synthetic fluid or equivalent.

SUBJECT VEHICLES:

Certain 2013MY NE8J, NJ8J and NV8J model Hino conventional trucks equipped with Meritor rear axle assemblies and were assembled at the Williamstown WV assembly plant.

BEFORE YOU BEGIN:

Read and understand all instructions and procedures before you begin. Read and observe all Notes, Cautions 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.

!!! WARNING !!!

- Parking the vehicle on a level and solid surface.
- Place the gear shift lever in "Neutral" or "Park".
- Apply the parking brake firmly and confirm parking brake activation.
- Confirm the engine is stopped, the starter switch is in the off (LOCK) position, and the key is removed.
- Wear safety glasses to prevent eye injuries.
- Place wheel chocks in front of and behind all wheels.

RECOMMENDED FLUID FOR REFILL:

RoadRanger FE 75W-90 Fuel Efficient Synthetic Gear Lubricant (Part No. 2986) or equivalent synthetic gear lubricant that meets the OEM specifications:

SAE	Grade 75W90
API	GL5, MT-1
SAE	SAE J 2360
ArvinMeritor	076-N, 076-E
MIL	MIL-PRF-2105E

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VEHICLE PREPERATION:

1. Park the truck on level ground.

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



3. Apply the parking brake.



4. Chock all of the wheels.



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SERVICE BULLETIN

DRAIN AND REFILL PROCEDURE:

1. Clean the fill plug of any dirt or debris. Remove the fill plug.



2. Clean the drain plug of any dirt or debris.



3. Position a drain pan under the drain plug. Remove the drain plug and drain the non-synthetic differential fluid from the rear axle assembly.

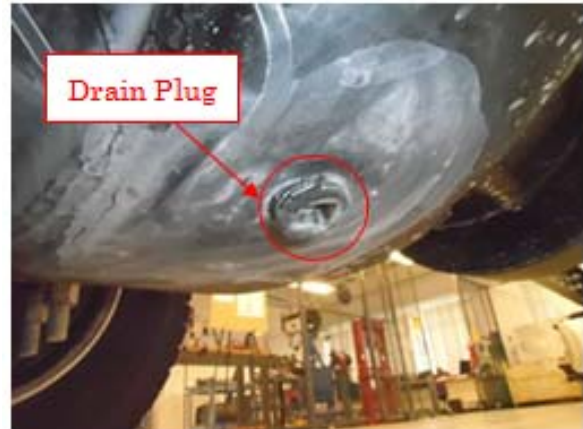


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4. Install the drain plug and torque to the specified torque.

Specified Torque: 43.0 lb-ft (58 Nm)

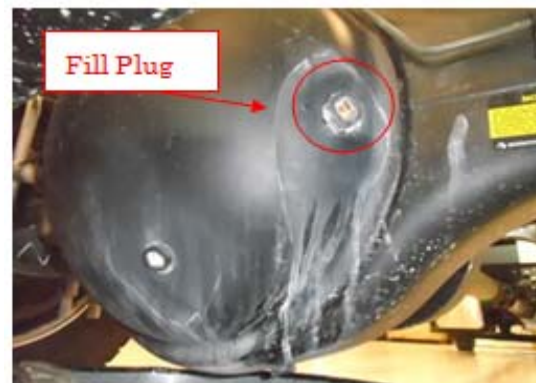


5. Fill the differential with recommended synthetic fluid to bottom of fill plug hole while the vehicle is on level ground.



6. Install fill plug and torque to specified torque.

Specified Torque: 43.0 lb-ft (58 Nm)



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FINAL INSPECTION PROCEDURE:

1. To complete this technical service bulletin, review the bulletin and confirm the following:
 - Correct synthetic differential fluid was used during refill step.
 - The drain plug and fill plugs were tightened to the correct specified torque

Claim Application:

- a) Campaign No. : T0260
- b) Labor Charge: 0.5hr
- c) Warranty Code: 5221973
- d) Operation Code: 52150AOT
- e) Part Number: 9999999999

*** Synthetic Gear Lubricant should be processed as a sublet.**