

Subject: Replacement of Oil-Cooler Snap-Ring (MD3060 or RDS3000 Transmission)

Date: 5/31/2006

Bulletin: C0004

Campaign #: A4780

Important: Please verify that the Vehicle needs the Campaign performed on the Hino DCS Warranty system before proceeding with the repair.

Description:

This Service Campaign involves the replacement of the snap-ring and the installation of the grommet located on the transmission oil-cooler inlet and outlet lines.

Subject Vehicles:

2005 and 2006 U.S. production NV8J built prior to November 1, 2005 and equipped with MD3060 or RDS3000 Allison automatic transmission.
All 2005 Japan production NV8J equipped with MD3060 Allison automatic transmission.

Parts Required:

Qty. 2	21598-E0010	Snap Ring
Qty. 2	9672-30061	Grommet
Qty. 2	47837-1230	Band, Clamp

Time Required:

0.5 Hours

Warranty Claim Submittal: Enter a "CR" type claim on the Hino DCS System using Recall Number A4780. The claim will automatically load the parts and labor listed above.

REPAIR PROCEDURE:

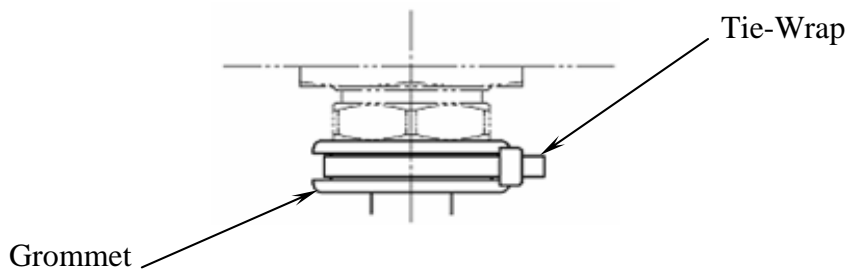
!! WARNING!!

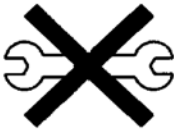
Park the vehicle on a level surface.

Block the wheels to prevent the vehicle from moving.

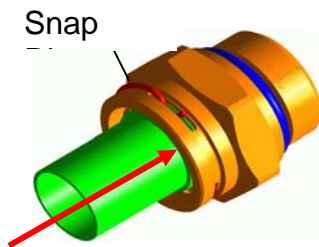
Do not work on the engine and transmission while they are hot. This can result in personal injury.

- Before working on the vehicle place the gear selector in park, apply parking brake.
 - Before opening or closing the hood, make sure that nothing or nobody will interfere with the opening or closing of the hood.
 - Do not loosen or remove the nut of the oil cooler joint. Only use the snap-ring to attach or detach ATM cooler lines.
1. If the vehicle is equipped with a grommet covering the oil cooler line snap-ring. Cut off the tie-wrap and the grommet on both inlet and outlet lines.



⚠ NOTICE	
	▶ USE CLIPS TO ATTACH/DETACH OIL HOSES. (DO NOT REMOVE NUTS.) (英)
	▶ POUR LE BRANCHEMENT OU LE DÉBRANCHEMENT DU BOYAU D'HUILE, AGIR SUR LA PIÈCE DE RETENUE. (NE JAMAIS ÔTER L'ÉCROU.) (仏)

2. Place drain pan in suitable location to collect any fluid that spills.
3. Compress fitting as shown below and remove snap-ring using needle nose pliers.



Compress fitting in direction of arrow to make snap-ring removal easier **NOTE: do not separate the cooler line from the nut**

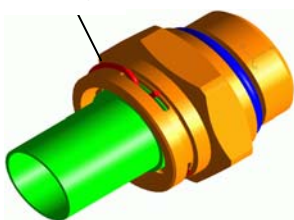
⚠ The snap-ring is not reusable, and should be discarded.

⚠ The grommet is not reusable, and should be discarded.

4. Parts No. of high-strength snap-ring :021598-E0010 (Total 1 each for inlet and outlet sides)

5. Insert the snap-ring into the slits of oil cooler nut.

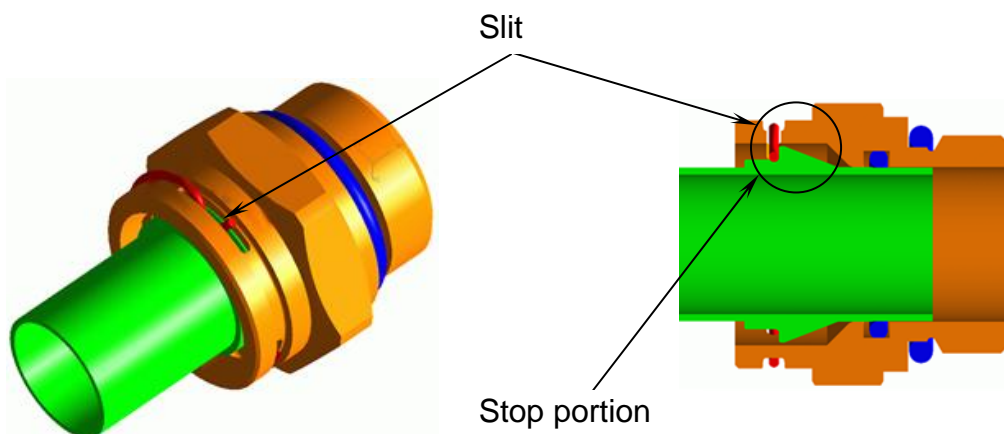
Snap Ring



6. Gently pull on the line to ensure the snap-ring and lines are properly seated.

⚠ As shown in Figure below, check that the snap-ring was securely inserted into the slit.

⚠ As shown in Figure below, verify that the snap-ring is securely seated in the stop portion of ATM cooler line, and will not come off.

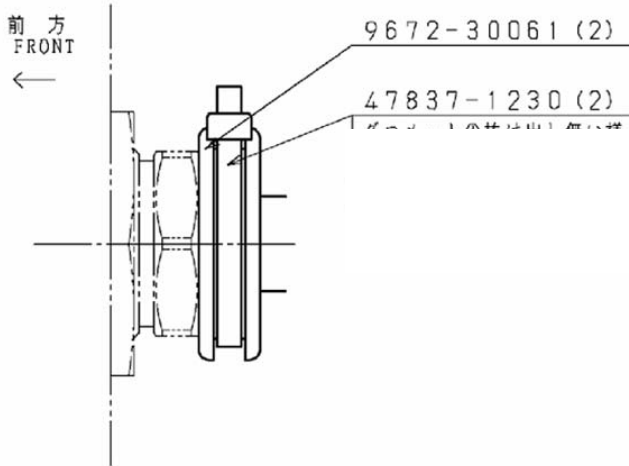


7. Install the new grommet onto the nut, covering the snap-ring.

12. Secure the grommet with the tie-wrap, tight enough to prevent the grommet from coming off.

HINO TRUCKS™ Service Campaign

A Toyota Group Company



Make sure to secure the grommet over the snap-ring by pushing it forward.



Fill out the Recall Completion sticker in the picture to the left. This sticker should be attached to the passenger side door jam above the V.I.N. Plate.