



North America

SUBJECT: Voluntary Safety Recall Campaign Number 13V-053 Allison 3000RDS Automatic Transmission Oil Cooler Hose Leakage

Department: Service
Section: Transmission
Model(s): Allison 3000RDS
Model Year(s): 2011, 2012 and 2013
Effective Date: May 1, 2013
Form #: Recall Bulletin 13V-053
Rev #: N/A
Supersedes: N/A

MODELS AFFECTED:

YEARS	MODEL	STARTING VIN	ENDING VIN	
2011 - 2013 MY	UD2600	JNAA620H0BAR10011	JNAA620H7DAM20054	Total 41
2011 - 2013 MY	UD2600LP	JNAD620H1BAK10219	JNAD620H3DAN20102	Total 8
2011 - 2013 MY	UD3300	JNAK620L7BAE10004	JNAK620LXDAR20072	Total 222

The above involved vehicles are equipped with the Allison 3000RDS series transmission identified by the number "6" in the fifth position of the VIN.

Example: JNAA**6**20H1BAE10071

DESCRIPTION:

Model vehicles listed above may experience oil leakage from the Allison 3000RDS automatic transmission oil cooler hoses. The snap-ring retaining the transmission oil cooler hose to the transmission oil cooler hose connector may fail and allow the transmission oil cooler hose to disengage and leak transmission oil.

As a remedy the cooler hoses and fittings will be replaced.

Owners of the involved vehicles will be notified by mail and instructed to schedule an appointment with an authorized UD Truck Dealer to have this Safety Recall performed at no charge.

ADMINISTRATION / DEALER RESPONSIBILITY:

Dealers are requested to proceed immediately to make the necessary repair to the affected vehicles in new or used inventory.

It is a violation of federal law for a dealer to deliver a new or used motor vehicle covered by a recall notice until the recall remedy has been performed.

Owners of affected vehicles will receive an "Authorization for Recall Notification Service" card for the related recall. This postage pre-paid card must be filled out correctly and returned to the address on the card indicating whether the vehicle was repaired, transferred, sold, etc. (refer to the UD Warranty Policies & Procedures Manual, Part III, Section 1).

For vehicles without an "Authorization for Recall Service" card, check the vehicle identification number with the Vehicle Service Notification screen of the UD IntraNET Warranty Claim System menu.

Federal regulations require that all vehicle lessors must notify all lessees within ten (10) days of receiving this notice.

Verification That Recall is Required

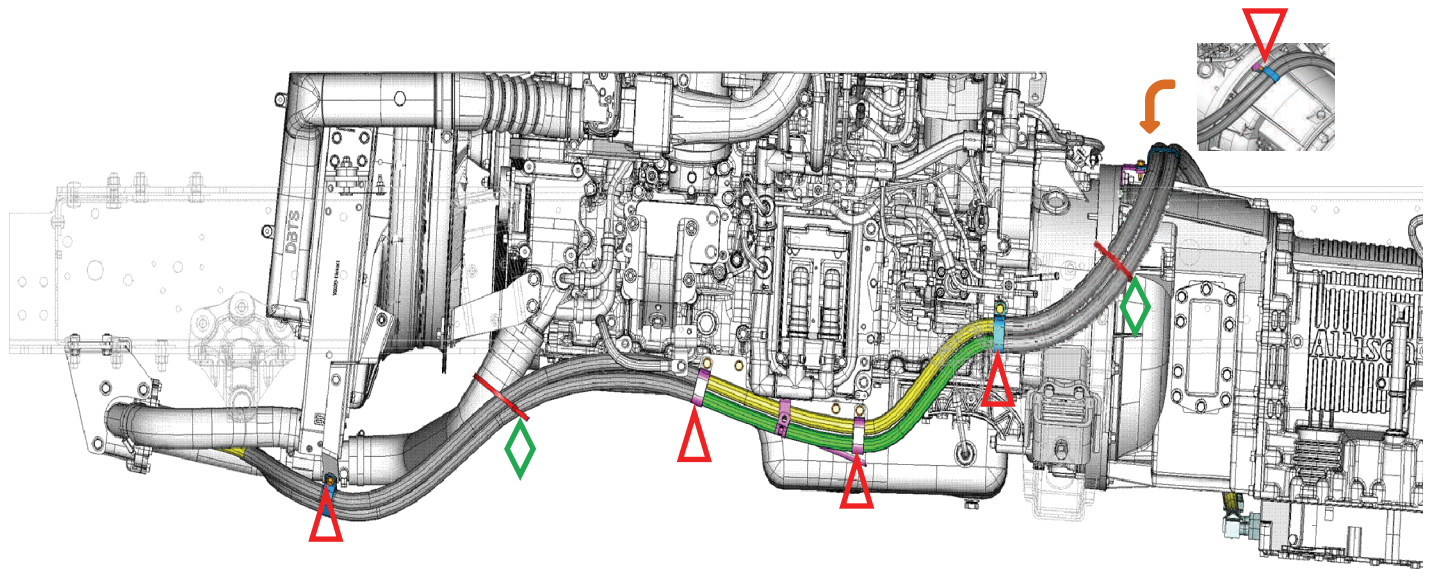
1. If the hose connection is the **NEW** style, then the campaign has been completed or already performed at the factory. See **NEW** design shown on bottom of page 3.
2. If the vehicle has the **OLD** design “clip” type connector, then verify through the AS400 that the campaign is required.

NOTE: This recall involves the Allison 3000RDS transmission only.

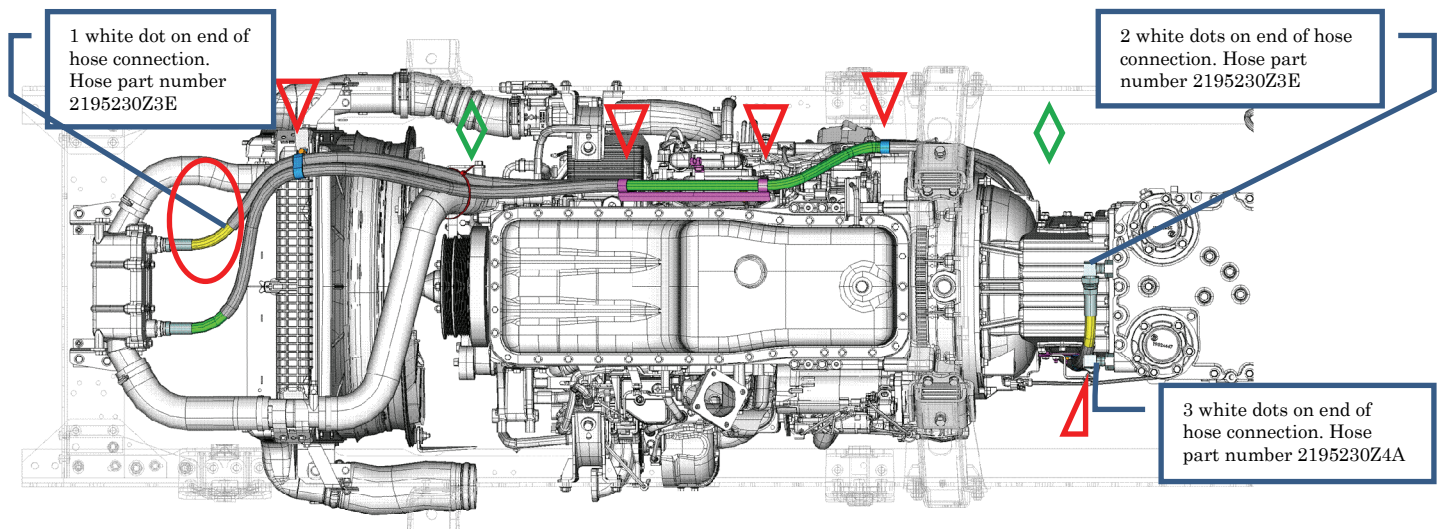
SERVICE INFORMATION:

Before servicing the vehicle, read the entire set of instructions first. Observe the following safety precautions to prevent personal injury, damage to property, or both:

- Complete the safety recall according to the following instructions.
- Park the vehicle on a flat surface, place the transmission in NEUTRAL, set the parking brake and chock the rear wheels.
- Turn the engine off and allow the engine to cool.

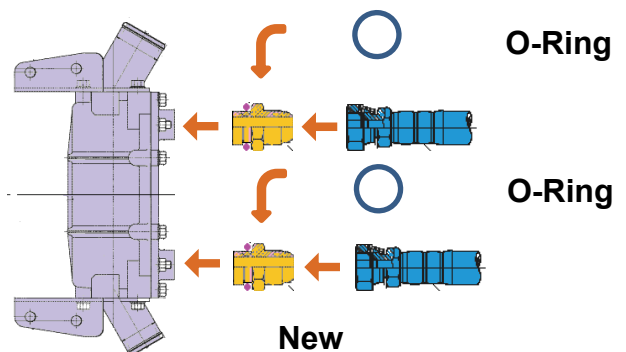
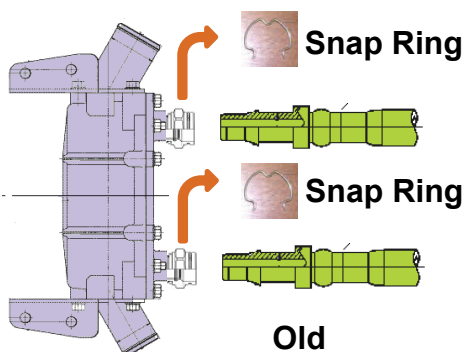


Side View (Left)



Bottom View

△ Clamp ◇ Band



SERVICE PROCEDURES:

1. Place an appropriate container under the transmission drain plug. Remove drain plug from transmission and drain automatic transmission fluid from transmission. Install the plug after all fluid has drained.

CAUTION: Always dispose of all lubricants (motor oil, coolant, gear box oils, etc) and filters according to Federal or local regulations. Used oil disposed of in nature or waterways contaminates our drinking water and kills wildlife.

2. Remove clips from connectors on the oil cooler.
3. Remove the oil cooler hoses from connectors.

CAUTION: Use care when removing hoses as some oil may be in the hoses.

4. Remove connectors from both oil cooler inlet and outlet.
5. Remove oil cooler hoses by loosening nuts on the transmission and clamps.
6. Position the O-rings on the connectors.
7. Install the connectors on oil cooler. Tighten the connectors to 35 ± 5 Nm.
8. Secure the hoses by tightening flare nuts. Verify the white dots are in the proper location as shown in figures on page 3. Tighten the flare nuts to 118 Nm.

CAUTION: The hoses must be installed as shown in figures on page 3.

9. Secure the hoses with new hose clamps (red triangles shown in figures on page 3) and new bands (green marks shown in figures on page 3). Position the white band on hose under the clip on upper transmission.
10. Fill the transmission with new automatic transmission fluid, Allison TranSynd™/TES295 or equivalent.

CAUTION: TranSynd™/TES295 cannot be mixed with any Dexron® III fluid or damage to the transmission will result.



PARTS INFORMATION:

Repair parts are available through normal UD Truck repair parts procedures.

The following parts are required for each vehicle:

Quantity	Part Number	Description
2	2196330Z1D	Connector
2	49751Z0020	O-ring
1	2195230Z3E	Oil cooler hose - In
1	2195230Z4A	Oil cooler hose - Out
1	0155200234	Band clip
1	0155200224	Band clip
As required	—	Allison TranSynd™/TES295 or equivalent (purchase locally)

WARRANTY INFORMATION: 13V-053

Expenses for the repairs described in this Safety Recall are to be recovered through the standard UD Warranty Claim procedures listed in the UD Warranty Policies & Procedures Manual, Part V.

Use the following information to prepare your claim:

WARRANTY CODE	K751
TROUBLE CODE	548 02 281
FAILED PART NUMBER	2195230Z3E
REPAIR DESCRIPTION	PERFORM SAFETY RECALL 13V-053
LABOR OPERATION	548D
LABOR TIME ALLOWED	2.0 hrs