

# RECALL BULLETIN 09V-III

DATE: May 4, 2009  
 MODEL YEAR: 2008  
 CHASSIS MODEL: UD3300  
 BULLETIN NUMBER: 09V-111

**FILE IN THE BRAKE SECTION OF THE TECHNICAL BULLETIN BINDER**

## VOLUNTARY SAFETY RECALL CAMPAIGN NUMBER 09V-III BRAKE AIR HOSE REPLACEMENT

### MODELS AFFECTED

Specific 2008 MY UD3300 model vehicles equipped with the Arvin Meritor 2-Speed rear axle on the VIN list below.

Affected VIN Numbers	Wheelbase	Rear Suspension
JNAPC81L48AC70003	132"	AIR
JNAPC81L58AF70004	164"	SPRING
JNAPC81L28AE70118	164"	SPRING
JNAPC81L48AE70119	164"	SPRING
JNAPC81L08AE70120	132"	AIR
JNAPC81L28AE70121	164"	SPRING
JNAPC81L48AE70122	164"	SPRING
JNAPC81L68AE70123	164"	SPRING
JNAPC81L88AE70124	164"	SPRING
JNAPC81LX8AE70125	164"	SPRING

### DESCRIPTION

The length of the air brake hose installed between the relay valve and quick release valve for the left rear air brake assembly is incorrect and may increase the resistance in the air supply. The incorrect length of the air brake hose will increase the risk of a crash without prior warning.

Repairs to correct this condition consist of replacing the air brake hose with a correct length air brake hose as described in this bulletin.

## **DESCRIPTION (CONT.)**

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.

The National Highway Traffic Safety Administration has assigned the identification number 09V-111 to this Safety Recall. This number must appear on all communications and documentation of any nature that refer to the campaign described in this bulletin.

## **ADMINISTRATION / DEALER RESPONSIBILITY**

Proceed immediately to make the necessary repairs to the involved vehicles in unsold/undelivered dealer 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 the vehicles identified on page 1 of 6 will receive an "Authorization for Recall Notification Service" card. 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 that are received without an "Authorization for Recall Service" card, check the Vehicle Service Notification screen of the NDAINET Warranty Claim System menu.

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

## **PARTS INFORMATION**

This repair part is not available through normal UD Truck repair parts procedures. It is necessary to contact NDA Service Operations to request the replacement brake hose for this recall.

- The dealer will need to provide the truck's complete VIN to request the replacement brake hose.
- NDA will then overnight the required replacement brake hose to the dealer at no charge via Federal Express.

### **NDA contact information:**

**Michael Ricks - Phone: (972) 756-5532 or Email: [mricks@nissandiesel.com](mailto:mricks@nissandiesel.com)**

**8am - 5pm CST Monday-Friday**

## 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:

- If the involved vehicle has a label on the inside of the driver's door as shown in Figure A, the recall has already been performed and no further action is required.
- If the involved vehicle does not have the label on the inside of the driver's door, verify through the Vehicle Service Notification screen of the NDAINET system that the recall is required. Complete the safety recall according to the following instructions.

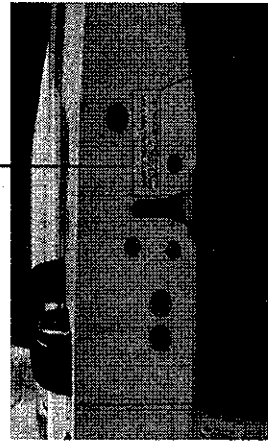


Figure A

- 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 vehicle to cool before servicing.
- Isolate the batteries by disconnecting both negative and positive battery cables.

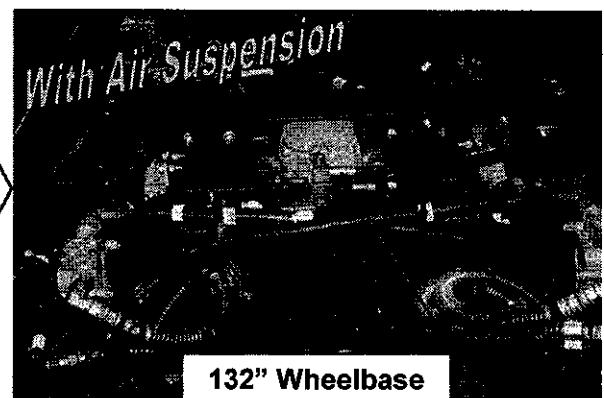
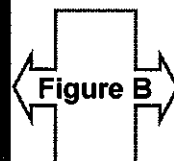
## SERVICE PROCEDURE

**⚠ WARNING** Do not touch the engine components when they are hot. You can be severely burned.

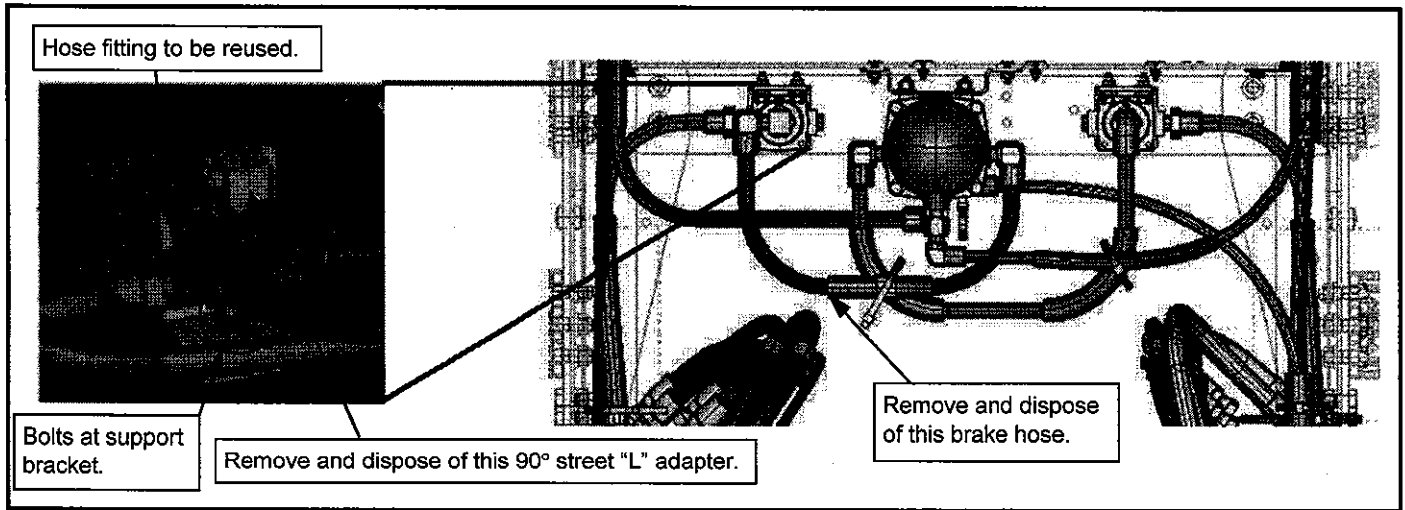
Step 1) Drain the air tanks completely by opening the drain valves located under each air tank.

Step 2) Locate the air brake hose between the Relay valve and the left rear Quick Release valve as shown in Figure B.

**Note:** It may be necessary to remove sweeper body equipment for access to the air line .



## SERVICE PROCEDURE (CONT.)

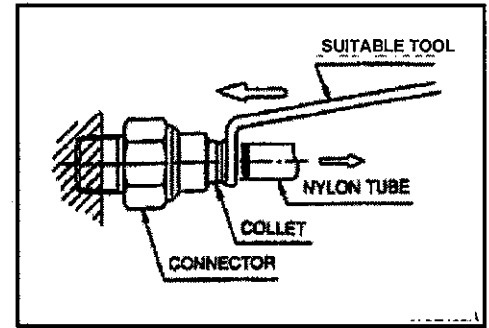


**Figure C**  
(Incorrect configuration viewed from above)  
*Spring suspension "CAD" drawing shown*

Step 3) Clean any accumulated debris from the fittings on the Relay valve and the left rear Quick Release valve.

Step 4) Disconnect the air brake hose from Relay valve and Quick Release valve by gently depressing collet as shown in Figure D. Dispose of the old brake hose in a method approved by state and local laws.

Step 5) Remove the two bolts securing the Quick Release valve support bracket from the bottom of the cross-member as shown in Figure C. Retain mounting bolts for reassembly later.



**Figure D**

Step 6) Gently lower the Quick Release valve and remove both the air brake hose fitting and the 90 degree street "L" adapter from the top of the valve shown in Figure C. Separate the hose fitting from the 90 degree street "L" adapter and dispose of the street "L" adapter in a method approved by state and local laws.

Step 7) Reinstall the hose fitting into the top of the Quick Release valve with the air brake hose connection opening facing the rear of the vehicle. Use Teflon sealing tape at the threaded joint connections.

Step 8) Reinstall the Quick Release valve to the cross-member using the previously removed bolts.

Step 9) Install the furnished air brake hose into the Quick Release valve and the Relay valve fittings by fully inserting to the insertion position mark as shown in Figures E, F and G.

## SERVICE PROCEDURE (CONT.)

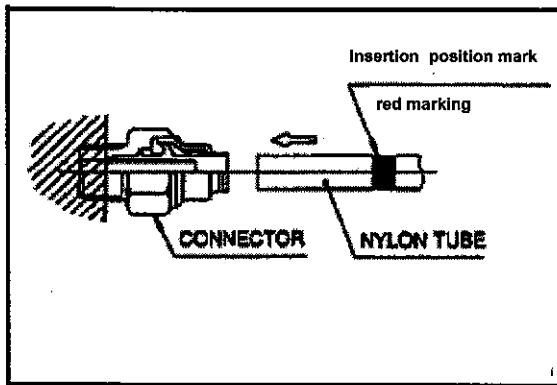


Figure E

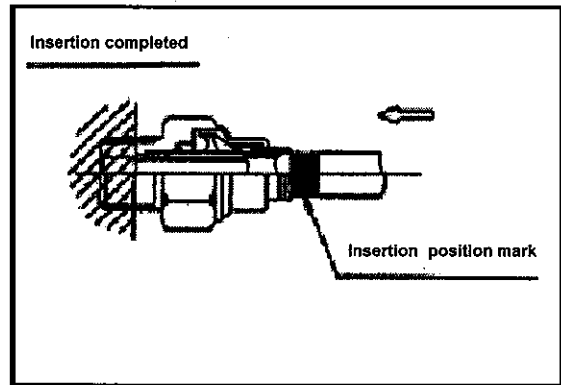


Figure F

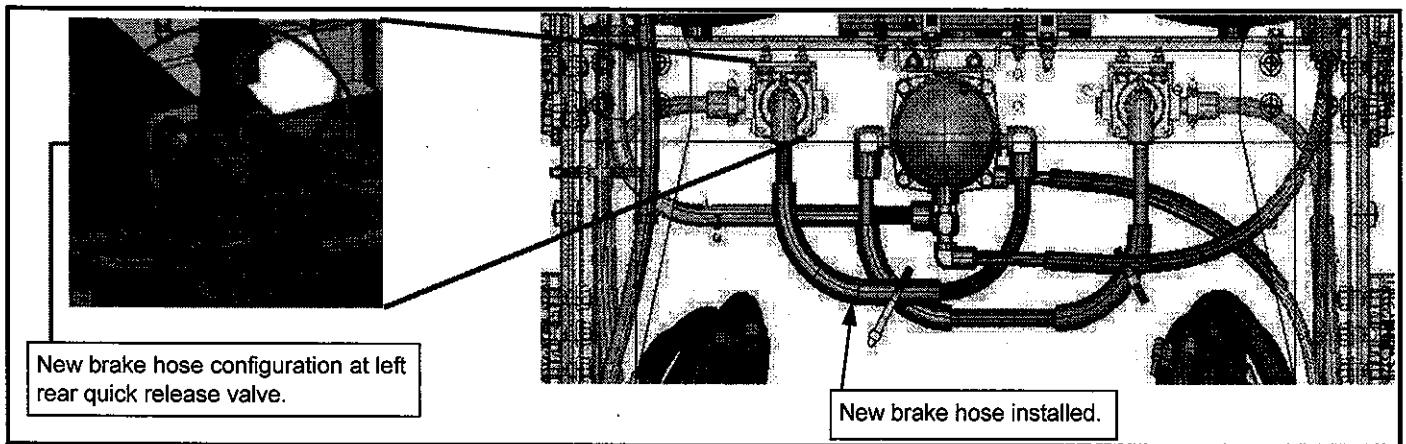


Figure G  
(Corrected configuration viewed from above)  
Spring suspension "CAD" drawing shown

- Step 10) Reconnect the battery cables and start engine. Run engine until the air brake system has reached maximum air pressure.
- Step 11) Turn engine off. Confirm that no air leakage is present by using soapy water solution at all fittings.
- Step 12) Reinstall any body equipment that was removed for access to the repair area.
- Step 13) Record the completion date on the Safety Recall 09V-111 sticker as shown in Figure H and apply it to the driver's side door as shown in Figure A on page 3.

SAFETY RECALL 09V-111  
COMPLETED ON \_\_\_\_\_  
NISSAN DIESEL AMERICA, INC.

Figure H

## **WARRANTY INFORMATION**

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 claims:

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<b>WARRANTY CODE</b>	K703
<b>TROUBLE CODE</b>	78800220
<b>FAILED PART NUMBER/NAME</b>	46005-32Z2B Brake Hose
<b>REPAIR DESCRIPTION</b>	PERFORM SAFETY RECALL 09V-111
<b>LABOR OPERATION</b>	999X
<b>LABOR TIME ALLOWED</b>	4.0 HRS REPLACE AIR BRAKE HOSE (Includes removal of sweeper equipment for access to air line.)
<b>PARTS DISPOSITION</b>	Dispose of all replaced parts in a method approved by state and local laws.

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