

RECALL BULLETIN 08V-617

DATE: January 5, 2009
 MODEL YEAR: 2008
 CHASSIS MODEL: UD1800HD, UD2000, UD2300, UD2600, UD3300
 BULLETIN NUMBER: 08V-617

FILE IN THE ENGINE SECTION OF THE TECHNICAL BULLETIN BINDER

VOLUNTARY SAFETY RECALL CAMPAIGN NUMBER 08V-617 FUEL PUMP DRIVE COUPLER REPLACEMENT

MODELS AFFECTED

2008 Model Year UD1800HD, UD2000, UD2300, UD2600 and UD3300 model vehicles produced between August 7, 2006 and October 1, 2007. The list below indicates the starting and ending production VIN's for the affected models. Each dealer will receive a computer listing of the affected vehicles in either their unsold/undelivered inventory or that have been retail delivered.

Year	Model	Starting Sequence	Thru	Ending Sequence
2008	UD1800HD	JNAMA81H78AH70001		JNAMA81H48AH70070
	UD2000	JNAMB81H08AH70001		JNAMB81H98AN70103
	UD2300	JNALC81H08AN70001		JNALC81H28AN70095
	UD2600	JNAPA81H18AE70001		JNAPA81H78AK70169
	UD3300	JNAPC81L48AC70003		JNAPC81L08AR70114

DESCRIPTION

The fuel pump drive coupler installed between the fuel pump and the engine air compressor on the above subject vehicles may experience a failure as a result of improper machining. The improperly machined fuel pump drive coupler could crack without warning under normal vehicle operation. Continued operation with a cracked drive coupler could result in the coupler becoming broken and causing the engine to stall and not restart.

Repairs to correct this condition consist of the following:

1. Replacement of the fuel pump drive coupler.
2. Replacement of the associated seals and gaskets.

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.

DESCRIPTION (CONT.)

The National Highway Traffic Safety Administration has assigned the identification number 08V-617 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.

Safety Recall Parts are available immediately through the NDA Parts Operations Department. Dealers should base their parts order on the number of unsold/undelivered vehicles and of retail delivered vehicles that appear on the computer listing.

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 motor vehicle covered by a recall notice until the recall remedy has been performed.** Each dealer will receive a computer listing of all involved vehicle identification numbers in unsold (new) inventory or that have been retail delivered. With this computer listing, the dealer will also receive an "Authorization for Recall Notification Service" card for all unsold or undelivered (new) inventory vehicles. 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 to verify if this safety recall is required.

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

PARTS INFORMATION

Qty.	Part Number	Description
1	S0400-10568	Fuel Pump Drive Coupler Kit*

* Each kit S0400-10568 includes the following items:

Qty.	Part Number	Description
1	22670-E0010	Coupling assembly
1	SZ301-01054	O-ring
4	SZ430-14003	Soft Washer
5	SZ430-10004	Soft Washer

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.
- Inspect the fuel supply pump for a white paint dot as shown in Figure B. If present, the recall has 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 or a white paint dot on the fuel supply pump, 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.
- Park the vehicle on a flat surface, place the manual transmission in NEUTRAL (PARK for automatic transmission), 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.

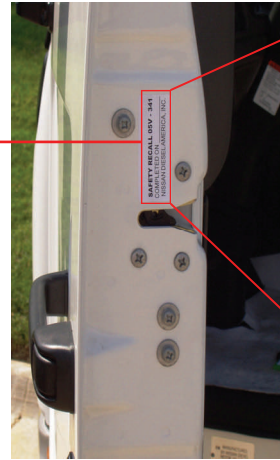


Figure A

SAFETY RECALL 08V-617
COMPLETED ON
NISSAN DIESEL AMERICA, INC.

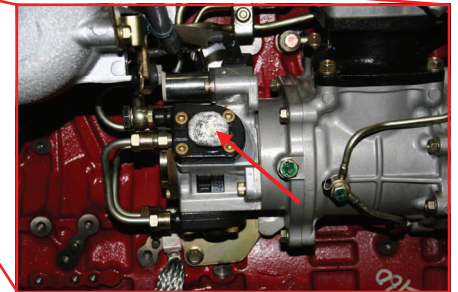


Figure B

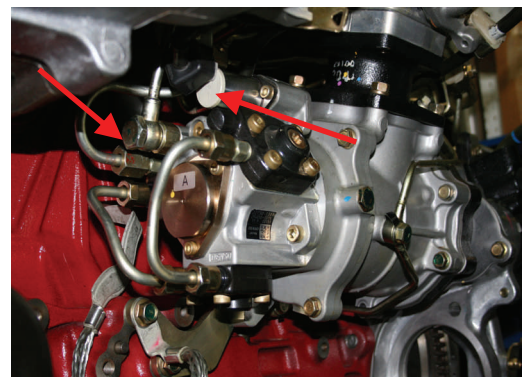
SERVICE PROCEDURE

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

- A) Remove the fuel lines and disconnect electrical connections that are attached to the fuel supply pump.

Important : Cover open ends of fuel lines and supply pump to prevent debris entry.

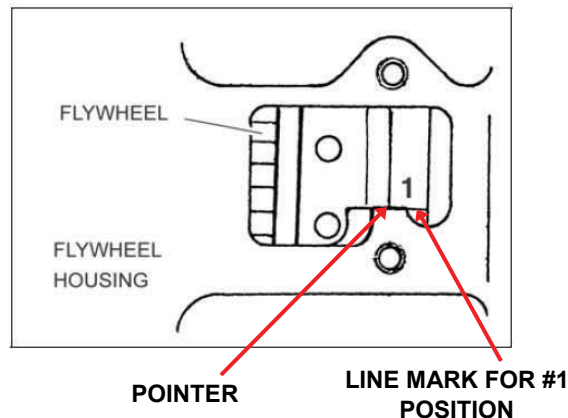
Do not bend fuel lines for access!



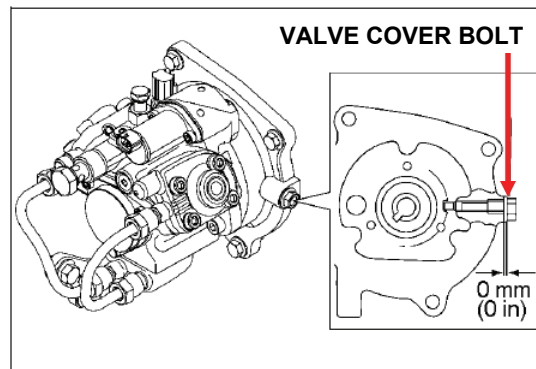
SERVICE PROCEDURE (CONT.)

- B) Locate the flywheel housing inspection opening located on the top left (driver) side of the flywheel housing and remove the inspection cover. Align mark #1 on the outer edge of the flywheel with the pointer on the top of the flywheel housing inspection opening by turning the flywheel.

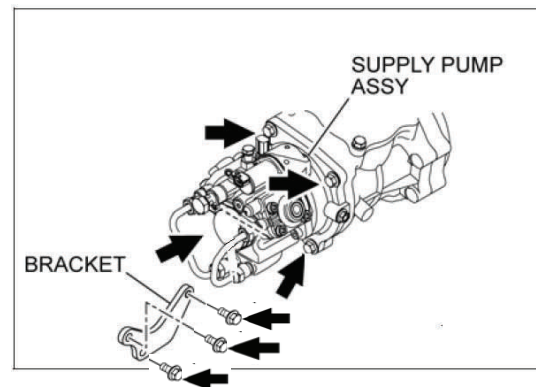
Important: Fuel pump damage may occur if #1 position is not verified before pump removal.



- C) Remove one valve cover bolt to use as an guide pin. With flywheel in the correct position, insert the valve cover bolt into the bearing holder case plug opening after plug removal. Insert to the required depth as shown, proceed to the removal of the supply pump assembly. Save the plug to be reinstalled later.



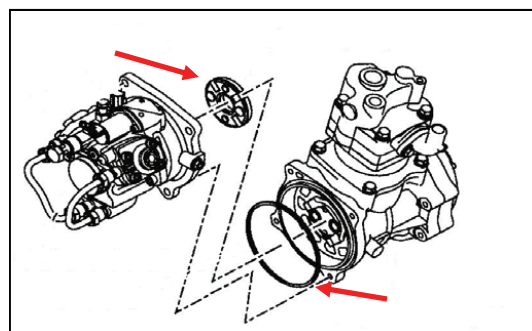
- D) Remove the three (3) bolts on the front bracket of the supply pump and the four (4) bolts securing the supply pump to the air compressor. Remove supply pump and discard drive coupler and o-ring.



- E) Install the new drive coupler and new o-ring. Reinstall supply pump in reverse order.

(Use torque spec chart below for reference)

Important: Replace all fuel line soft washers to avoid fuel leakage.



Item	Torque Specs lb•ft (N•m)
Fuel pump case bolts to air compressor	21 (28)
Fuel pump bracket bolts to engine block	41 (55)
Fuel lines	18 (25)

SERVICE PROCEDURE (CONT.)

- F) Reconnect the battery cables.
- G) Perform “Supply Pump Specification Learning” procedure using the UDataLink - PC Consult software.
- H) Verify there are no fuel leaks.
- I) Record the completion date on the Safety Recall 08V-617 sticker as shown in Figure C and apply it to the driver’s side door as shown in Figure A on page 3.



Figure C

- J) Paint a “white” dot on the fuel supply pump. (Reference photo in Figure B on page 3 of 5)

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:

WARRANTY CODE	K696
TROUBLE CODE	11000303
FAILED PART NUMBER/NAME	16820Z500B FUEL PUMP COUPLER
REPAIR DESCRIPTION	PERFORM SAFETY RECALL 08V-617
LABOR OPERATION	999X
LABOR TIME ALLOWED	4.0 HRS (Replace fuel pump coupler and perform pump relearn)
PARTS DISPOSITION	Scrap all replaced parts in a method approved by state and local laws.
