

RECALL BULLETIN 07V-207

DATE: August 6, 2007
 MODEL YEAR: 2005 ~ 2007
 CHASSIS MODEL: UD1800HD, UD2000, UD2300, UD2600, UD3300
 BULLETIN NUMBER: 07V-207

FILE IN THE ENGINE SECTION OF THE TECHNICAL BULLETIN BINDER

VOLUNTARY SAFETY RECALL CAMPAIGN NUMBER 07V-207 DRIVE BELT TENSIONER REPLACEMENT

MODELS AFFECTED

2005, 2006 and 2007 Model Year UD1800HD, UD2000, UD2300, UD2600 and UD3300 model vehicles produced between January 1, 2004 and December 26, 2006. 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
2005	UD1800HD	JNAMA80H95AF50002		JNAMA80H65AF50216
	UD2000	JNAMB80H35AH50001		JNAMB80H95AN50379
	UD2300	JNALC80H35AN50001		JNALC80H25AK50191
	UD2600	JNAPA80H65AN50002		JNAPA80H85AS50610
	UD3300	JNAPC80L15AR50001		JNAPC80L55AR50048
2006	UD1800HD	JNAMA80H86AF55001		JNAMA80H96AF55251
	UD2000	JNAMB80H46AH55001		JNAMB80H56AE55404
	UD2300	JNALC80H36AH55001		JNALC80H36AN55250
	UD2600	JNAPA80H56AN55001		JNAPA80H76AS55797
	UD3300	JNAPC80L26AR55001		JNAPC80L06AR55191
2007	UD1800HD	JNAMA80H27AE60001		JNAMA80H67AN60244
	UD2000	JNAMB80H57AH60001		JNAMB80H57AN60622
	UD2300	JNALC80H57AN60001		JNALC80H37AN60479
	UD2600	JNAPA80H67AE60001		JNAPA80HX7AR61244
	UD3300	JNAPC80L37AR60001		JNAPC80L17AR60157

DESCRIPTION

Belt tensioner pulley bushing material used on the original belt tensioner or a belt tensioner that was previously replaced under Safety Recall 06V-159 on the above listed vehicles have insufficient bushing material strength causing abnormal wear that resulted in the binding of the belt tensioner spindle against the spindle bushing. Operating a vehicle with a binding or seized drive belt tensioner may result in the unexpected loss of the engine drive belt and/or cause the drive belt tensioner or mounting bolts to break. If the engine drive belt comes off, the Alternator warning light will illuminate. If the warning light is ignored by the vehicle operator the engine may lose power and eventually stall rendering the vehicle inoperative and increase the risk of a vehicle crash.

Repairs to correct this condition consist of the following:

1. The belt tensioner replaced with a redesigned tensioner.
2. Two (2) new mounting bolts installed on the tensioner.
3. Install a new alternator drive belt.

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 07V-207 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. Each dealer will receive an initial order of ten (10) belt tensioner kits and (2) pulley sets shipped to the dealer and billed to the dealer's parts account. Dealers should base additional 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 NDA INET 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	S040010474	Belt Tensioner Kit*

* The Belt Tensioner Kit will consist of a tensioner assembly (less pulley), two (2) new bolts, and alternator drive belt.

Additional parts as required:

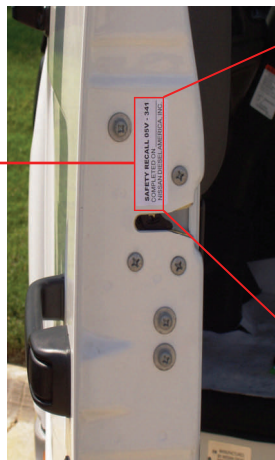
Qty.	Part Number	Description
1	S04001047A	Pulley Set*

*The Pulley Set will consist of a drive belt pulley, one (1) bolt, and one (1) 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.
- 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 NDANET2 system that the recall is required. Complete the safety recall according to the following instructions.



SAFETY RECALL 07V-207
COMPLETED ON _____
NISSAN DIESEL AMERICA, INC.

Figure A

- 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.

SERVICE PROCEDURE

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

STEP 1 - REMOVAL OF DRIVE BELT TENSIONER

- Remove the alternator drive belt by unloading the drive belt tensioner as shown in Figure B and dispose of the belt in a method approved by state and local laws.

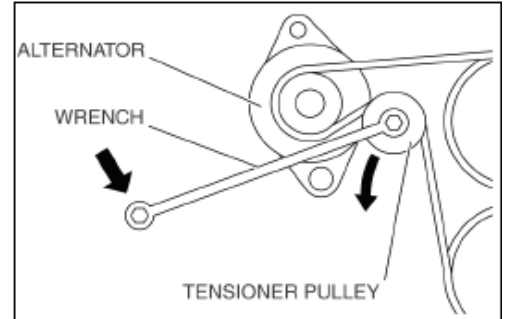


Fig. B

- Remove the idler pulley from tensioner by removing center bolt (**left hand threads**). Save idler pulley, large washer and bolt for reuse on new tensioner. See Figure C

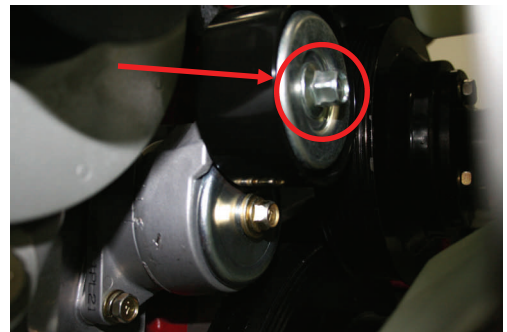


Fig. C

NOTE:

Check the idler pulley condition as follows:

- ▣ The pulley bearing rolls smoothly.
- ▣ There is no damage to the belt mating surface of the pulley.
- ▣ The center bolt seating face, bolt head and threads are in good condition.

(Replace items as necessary.)

- Remove the 2 drive belt tensioner mounting bolts that attach the drive belt tensioner to the alternator mount bracket. Remove and dispose of the tensioner and bolts in a method approved by state and local laws. See Figure D

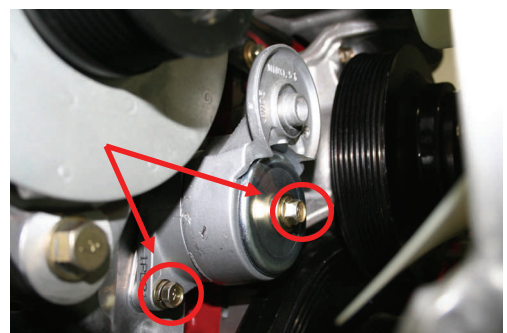


Fig. D

SERVICE PROCEDURE (continued)

STEP 2 - INSTALLATION OF DRIVE BELT TENSIONER

- Install a new drive belt tensioner with 2 new mounting bolts.
Torque mounting bolts to 36 N·m {3.7 kgf·m, 27 lb·ft}
See Figure E
- Reinstall the removed idler pulley, washer and center bolt (*left hand threads*) to the tensioner assembly. See Figure F
Torque pulley bolt to 62.5 N·m {6.4 kgf·m, 46 lb·ft}
- Install new alternator drive belt.

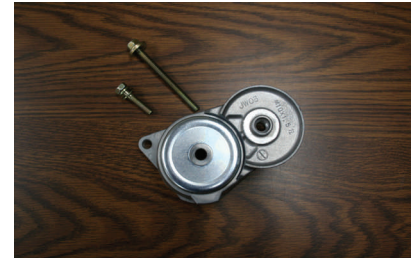


Fig. E



Fig. F

Caution: Confirm that the V-belt is securely routed on each pulley and no foreign material has been caught in V-belt.

NOTE: When installing the new drive belt, inspect the wear indicator on the side of the drive belt tensioner as shown in Figure G, it should be positioned between the two marks as illustrated. If the wear indicator is not between these two lines, verify that the belt routing or correct drive belt part number was used

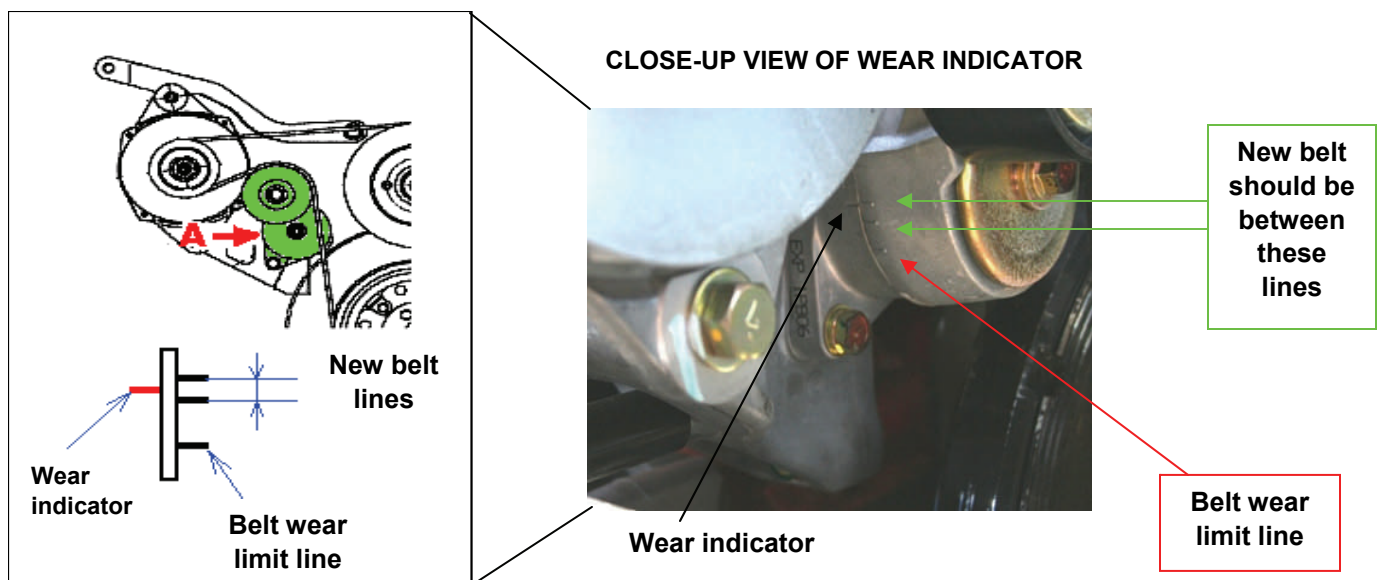


Fig. G

SERVICE PROCEDURE (continued)

STEP 3

If the A/C drive belt was removed, re-install A/C drive belt according to the procedure found in the 2005-2007 UD Trucks Service Manual pages AC-14-5 and AC-14-6.

STEP 4

Reconnect the battery cables and start the vehicle to check for correct vehicle operation.

STEP 5

Record the completion date on the Safety Recall 07V-207 sticker as shown in Figure H and apply it to the driver's side door as shown in Figure A on page 3.



Fig. 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:

WARRANTY CODE	K655
TROUBLE CODE	K6550310
FAILED PART NUMBER/NAME	21100-Z500C BELT TENSIONER
REPAIR DESCRIPTION	PERFORM SAFETY RECALL 07V-207
LABOR OPERATION	K940
LABOR TIME ALLOWED	1.0 HRS (REPLACE BELT TENSIONER INCLUDES R&R A/C BELT)
PARTS DISPOSITION	Scrap all replaced parts in a method approved by state and local laws.
