

RECALL BULLETIN 06V-I59

DATE: JUNE 7, 2006
 MODEL YEAR: 2005 thru Early Production 2006
 CHASSIS MODEL: UD1800HD, UD2000, UD2300, UD2600, UD3300
 BULLETIN NUMBER: 06V-159

FILE IN THE ENGINE SECTION OF THE TECHNICAL BULLETIN BINDER

VOLUNTARY SAFETY RECALL CAMPAIGN NUMBER 06V-I59 : DRIVE BELT TENSIONER INSPECTION/REPLACEMENT

MODELS AFFECTED

2005 and early 2006 Model Year UD1800HD, UD2000, UD2300, UD2600 and UD3300 model vehicles produced between January 1, 2004 and April 8, 2005. 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 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		JNAMA80H16AE55046
	UD2000	JNAMB80H46AH55001		JNAMB80H16AH55120
	UD2300	JNALC80H36AH55001		JNALC80H66AN55047
	UD2600	JNAPA80H56AN55001		JNAPA80H16AS55133
	UD2600	JNAPA80H46AN55135		N/A
	UD2600	JNAPA80H96AS55137		N/A
	UD3300	JNAPC80L26AR55001		JNAPC80L86AE55024

DESCRIPTION

The possibility exists that rust may have accumulated in the engine drive belt tensioner manufactured prior to March 24, 2005 and cause the drive belt tensioner to seize or bind during normal operation. 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. Inspect the drive belt tensioner manufacturing date code and if the drive belt tensioner was manufactured prior to March 24, 2005 - replace the drive belt tensioner, mounting bolts and install a new drive belt.
2. If the drive belt tensioner manufacturing date code is on or after March 24, 2005 - it will only be necessary to replace the drive belt tensioner mounting bolts.

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 06V-159 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 (new) vehicles and of retail delivered vehicles that appear on the computer listing.

ADMINISTRATION / DEALER RESPONSIBILITY

Proceed immediately to make the necessary inspection and repairs to the involved vehicles in unsold 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 NDANET2 Warranty Claim System menu to verify if this safety recall is required.

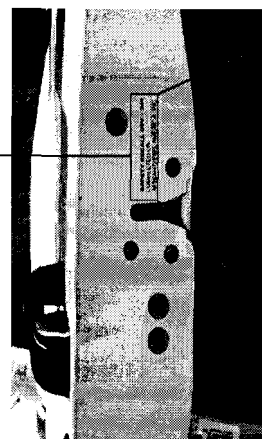
PARTS INFORMATION

Qty.	Part Number	Description
1	21100-Z500C	Belt Tensioner Assembly
1	91912-Z507E	Bolt with Washer
1	91912-Z507D	Bolt
1	21140-Z5074	Drive Belt

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.
- 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.



SAFETY RECALL 06V - 159
COMPLETED ON
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Figure A

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.
- Remove the 2 drive belt tensioner mounting bolts that attach the drive belt tensioner to the alternator mount bracket.

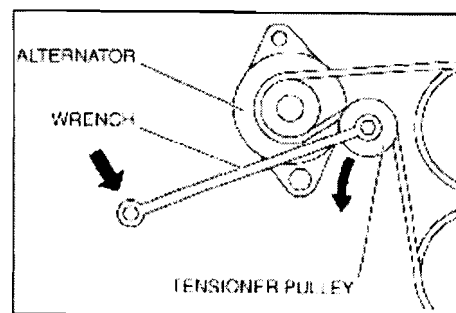


Fig. B

STEP 2 - INSPECTION / DETERMINATION

- Locate the drive belt tensioner production date code as shown in Figure C.
- Use the table below to determine the drive belt tensioner production date code.

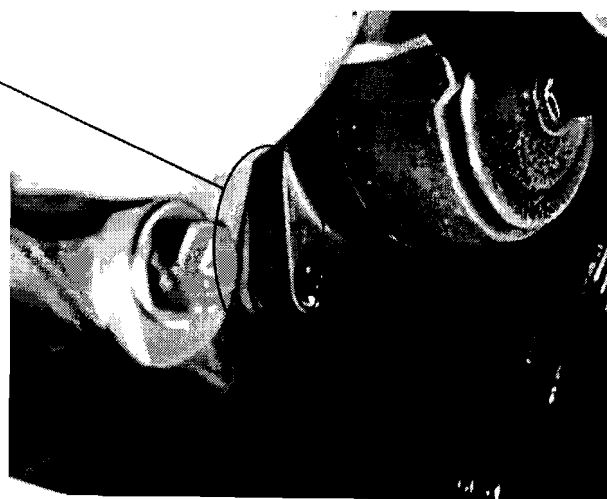
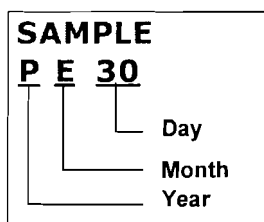


Fig. C

Alphabetical Letter	N	O	P
Year	2004	2005	2006

Alphabetical Letter	A	B	C	D	E	F	G	H	I	J	K	L
Month	1	2	3	4	5	6	7	8	9	10	11	12

SERVICE PROCEDURE (continued)

STEP 3 - INSTALLATION OF DRIVE BELT TENSIONER

- **Date code is OC23 or before:**

Install a new drive belt tensioner, new mounting bolts and new drive belt. It will be necessary to remove the A/C drive Belt if so equipped.

Torque mounting bolts to 36 N·m {3.7 kgf·m, 27 lb·ft}

Discard the replaced parts in a method approved by local and state laws.

***NOTE:** When installing the new drive belt, inspect the wear indicator on the side of the drive belt tensioner as shown in Figure D, 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.

- **Date code is OC24 or after:**

Re-install existing drive belt tensioner and drive belt with new drive belt tensioner mounting bolts.

Torque mounting bolts to 36 N·m {3.7 kgf·m, 27 lb·ft}

Discard the replaced parts in a method approved by local and state laws.

CLOSE-UP VIEW OF WEAR INDICATOR

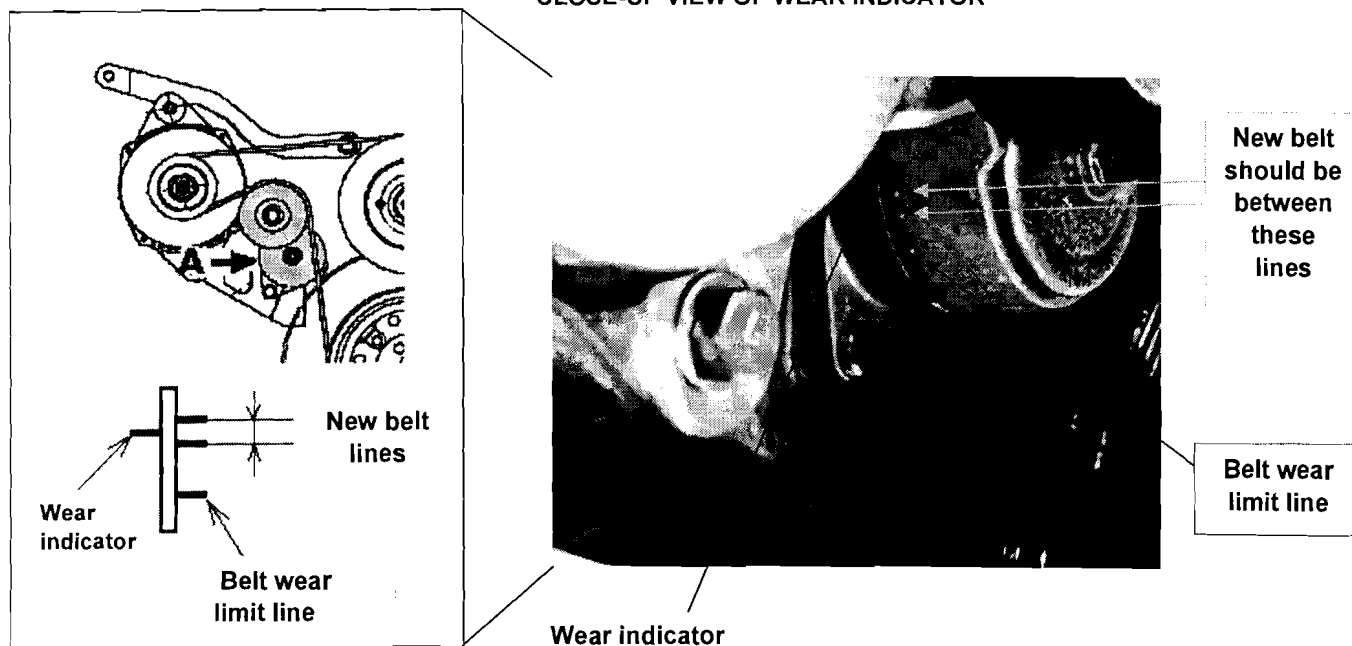


Fig. D

SERVICE PROCEDURE (continued)

STEP 4

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 5

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

STEP 6

Record the completion date on the Safety Recall 06V-159 sticker as shown in Figure E and apply it to the driver's side door as shown in Figure A on page 3.

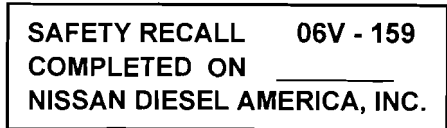


Fig. E

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:

FOR DATE CODES OC23 AND PRIOR

Replace Mounting Bolts, Drive Belt Tensioner and Belt	
WARRANTY CODE	K642
TROUBLE CODE	K6420310
FAILED PART NUMBER/NAME	21100-Z500B BELT TENSIONER
REPAIR DESCRIPTION	PERFORM SAFETY RECALL SC-159
LABOR OPERATION	K940
LABOR TIME ALLOWED	0.8 HRS/UNIT (INSPECT AND REPLACE BELT TENSIONER INCLUDES R&R A/C BELT)

FOR DATE CODES OC24 OR AFTER

Replace Mounting Bolts Only	
WARRANTY CODE	K643
TROUBLE CODE	K6420310
FAILED PART NUMBER/NAME	21100-Z500B BELT TENSIONER
REPAIR DESCRIPTION	PERFORM SAFETY RECALL SC-159
LABOR OPERATION	K941
LABOR TIME ALLOWED	0.5 HRS/UNIT (INSPECT BELT TENSIONER, REPLACE BOLTS)
