



TRUCKS
Nissan Diesel America, Inc.

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DEFECT INVESTIGATION

May 8, 2006

Via Fed-Ex

06V-159
(3 Pages)

Mr. Ron Medford
National Highway Traffic Safety Administration
400 Seventh Street, S.W.
Washington, D.C. 20590

Re: Nissan Diesel America, Inc.

Dear Sir:

Enclosed is Nissan Diesel America, Inc. defect information report pursuant to 49 C.F.R. Part 573.6.

Please contact me if you have any questions.

Sincerely,

Les Wells
Senior Manager-Service Operations
Nissan Diesel America, Inc.
972-756-5523
lwells@nissandiesel.com

C O R P O R A T E O F F I C E

P.O. Box 152034, Irving, Texas 75015-2034 • 5930 West Campus Circle Drive, Irving, Texas 75063
Telephone 972-756-5500 • Fax 972-550-1255
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wear of the tensioner pulley bushing and potentially causing the tensioner to become stiff or bind. Continued operation may cause one or more of the following conditions:

- 1) The alternator drive belt to come off due to misalignment of the belt tensioner pulley
 - 2) The belt tensioner pulley bushing to seize to the spindle and break the tensioner pulley and/or break the mounting bolts that secure the belt tensioner to the engine block.
 - 3) The alternator warning light to illuminate and if the warning light is ignored by the vehicle operator, the engine may lose power and eventually stall.
6. A number of warranty claims received in 2005 and the beginning of 2006 prompted an investigation by the manufacturer which resulted in a decision to recall the subject vehicles.
 7. Inapplicable
 8. The intended remedial action is as follows:
 - 1) The belt tensioner has been redesigned to incorporate the following improvements:
 - a. Change the configuration of the front plate and tensioner arm to prevent water intrusion
 - b. Change the clearance between the spindle and bushing and spindle surface roughness specification to reduce wear
 - c. Change the hardening process and material specifications of the spindle
 - d. Change the hardness and specifications of the mounting bolts
 - 2) All subject vehicles within the above VIN breakpoints with a belt tensioner date code manufactured prior to March 24, 2005 will have the belt tensioner replaced with the redesigned belt tensioner, two (2) new revised mounting bolts and install a new alternator drive belt.
 - 3) All other subject vehicles within the above VIN breakpoints and with a belt tensioner date code manufactured on March 24, 2005 or after will have the two (2) belt tensioner mounting bolts replaced.

NDA estimates that it will be able to provide the dealer notification letter on or about June 5, 2006, and such notification will be completed within 10 days. Owner notification will be provided on or about June 19, 2006 and such notification will be completed within 10 days.

9. All notices, bulletins, etc. will be provided to NHTSA.
10. A draft owner notification letter will be provided to NHTSA no less than five (5) business days prior to mailing to owners.
11. Nissan Diesel America, Inc. will notify NHTSA promptly if Nissan Diesel America, Inc. assigns a campaign number that differs from NHTSA's identification number.

SECTION 573.6 INFORMATION REPORT

Pursuant to 49 C.F.R. 573.6, Nissan Diesel America, Inc. ("NDA") submits the following information:

1. Manufacturer: Nissan Diesel Motor Co., Ltd.
1 – 1 Ageo-shi, Saitama 362-8523, Japan
- Importer / designated agent: Nissan Diesel America, Inc.
5930 West Campus Circle Drive
Irving, Texas 75063
(972) 756-5500
2. Alternator drive belt tensioner Part Number #21100Z500B manufactured and identified by a date code stamped on the side of the tensioner prior to March 24, 2005 and was manufactured by:
- Bando Chemical Industries, Ltd.
2-2-21 Isogamidoori
Chuo-ku, Kobe 651-0086 Japan
Phone: +81 78 232 2923
Fax: +81 78 232 2847

The suspect alternator drive belt tensioner was installed on model years 2005 UD1800, UD2000, UD2300, UD2600, UD3300 and certain model year 2006 UD1800, UD2000, UD2300, UD2600, UD3300 medium duty trucks produced between January 1, 2004 and April 8, 2005. This encompasses the following by year, model and vehicle identification numbers:

		Starting Sequence	thru	Ending Sequence
2005	UD1800	JNAMA80H95AF50002		JNAMA80H65AF50216
	UD2000	JNAMB80H35AH50001		JNAMB80H95AN50379
	UD2300	JNALC80H35AN50001		JNALC80H25AK50191
	UD2600	JNAPA80H65AN50002		JNAPA80H85AS50610
	UD3300	JNAPC80L15AR50001		JNAPC80L55AR50048
2006	UD1800	JNAMA80H86AF55001		JNAMA80H16AE55046
	UD2000	JNAMB80H46AH55001		JNAMB80H16AH55120
	UD2300	JNALC80H36AH55001		JNALC80H66AN55047
	UD2600	JNAPA80H56AN55001		JNAPA80H96AS55137
	UD3300	JNAPC80L26AR55001		JNAPC80L86AE55024

All subject vehicles above and manufactured between January 1, 2004 and April 8, 2005 equipped with the above suspect belt tensioner may experience a loss of the alternator drive belt and/or the belt tensioner due to abnormal wear of the belt tensioner pulley bushing. Vehicles produced prior to January 1, 2004 are not equipped with this alternator belt tensioner and vehicles manufactured after April 8, 2005 have a redesigned belt tensioner installed and are not involved.

3. 1, 814 vehicles
4. Unknown
5. Rust may have accumulated between the belt tensioner spindle and the tensioner pulley bushing that were manufactured prior to the suspect date code of March 24, 2005 resulting in abnormal