

# RECALL BULLETIN 05V-261 (Rev. A)

DATE: OCTOBER 7, 2005  
 MODEL YEAR: 2002– Certain Early Production 2005 Model Years  
 CHASSIS MODEL: UD1200/UD 1300/UD1400  
 BULLETIN NUMBER: SC-261  
FILE IN THE ELECTRICAL SECTION OF THE TECHNICAL BULLETIN BINDER  
 (Discard previous Recall Bulletin dated September 12, 2005)

**VOLUNTARY SAFETY RECALL CAMPAIGN NUMBER 05V-261:  
 BATTERY CABLE REPLACEMENT**

## MODELS AFFECTED

Model Years 2002-2004 UD1200 and UD1400 models and early production 2005 UD1300 and UD1400 models produced between May 2001 and October 2004. These vehicles are listed below by model and vehicle identification number. Each dealer will receive a computer listing for affected vehicles that are in their unsold inventory or that have been retail delivered.

Year	Model	Starting Sequence	Thru	Ending Sequence
2002	UD1200	JNAUXU1J22A303003		JNAUXU1J72A303028
		JNAUXU1J92A403003		JNAUXV1J12A403132
		JNAUXU1J12A503001		JNAUXV1J82A503082
	UD1400	JNAUZU1J32A353001		JNAUZV1JX2A353051
		JNAUZU1J12A453001		JNAUZU1J52A453231
		JNAUZU1J62A553001		JNAUZU1J32A553117
2003	UD1200	JNAUXV1J43A304001		JNAUXV1J83A304017
		JNAUXV1J03A404001		JNAUXU1J73A404104
		JNAUXV1J73A504001		JNAUXU1J03A504075
	UD1400	JNAUZU1J63A354001		JNAUZU1J53A354037
		JNAUZU1J43A454002		JNAUZU1J43A454131
		JNAUZU1J93A554001		JNAUZU1J03A554145
2004	UD1200	JNAUXU1J44A305001		JNAUXU1J64A305050
		JNAUXU1J04A405001		JNAUXU1J04A405225
		JNAUXU1J74A505001		JNAUXU1JX4A505068
	UD1400	JNAUZU1J94A355001		JNAUZV1J24A355198
		JNAUZU1J54A455001		JNAUZV1J44A455321
		JNAUZU1J14A555001		JNAUZU1JX4A555319

Models Affected continued on next page

## MODELS AFFECTED continued

Year	Model	Starting Sequence	Thru	Ending Sequence
2005	UD1300	JNAUX51J65A300101		JNAUX51J75A300110
		JNAUX51J25A400101		JNAUX51J55A400190
		JNAUX51J95A500101		JNAUX51J25A500148
	UD1400	JNAUZ51J05A350101		JNAUZ51J35A350108
		JNAUZ51J75A450101		JNAUZ51J85A450169
		JNAUZ51J55A550102		JNAUZ51J55A550195

## DESCRIPTION

The possibility exists that the positive battery cable between the battery and the starter motor may be damaged or shorted to ground against the edge of the rear transmission support bracket and/or the edge of the 3<sup>rd</sup> frame cross member. Shorting of the positive battery cable to ground will rapidly discharge the batteries resulting in a no-start condition and could possibly cause a vehicle fire from overheating and melting of battery cable insulation or the corrugated protective conduit.

Repairs to correct this condition consist of the following:

**2002 ~ 2004 MY UD1200 and UD1400 and  
2005 MY UD1300 and UD1400 (Early Production)**

Replace the battery cable and install a protective edge guard on the 3<sup>rd</sup> frame cross member.

Owners of the involved vehicles will be notified by certified mail and instructed to schedule an appointment with an authorized UD Truck Dealer to have this Safety Recall performed. This repair will be made free of charge to the UD Truck Customer.

The National Highway Traffic Safety Administration has assigned the identification number 05V-261 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 inspection and repairs to the involved vehicles in unsold dealer inventory. **All inventory vehicles (new or used) subject to this recall must be corrected prior to sale, transfer or delivery.** Each dealer will receive a computer listing of all involved vehicle identification numbers in unsold (new) inventory or that has 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

Each UD Truck Dealer will receive an advance shipment of parts to complete the repairs as described in this Safety Recall as follows:

Qty.	Description	Application
3	KSC05V2610 (revised as of 10/07/05)	2002-2004 MY UD1200 and UD1400
1	KSC05V261A	2005 MY UD1300 and UD1400

\*Safety Recall Parts Kit consists of the following parts

### KSC05V2610:

Qty.	Part Number	Description
1	24110-29D0A	Battery Cable 2002-2004 MY UD1200 and UD1400
1	24115-36D0A	Battery to Battery Cable
1	24340-29D00	Battery Terminal Clamp
1	08918-6081A	Battery Terminal Nut
1	24270-36D1A	Frame Cross Member Protector
1	01552-00043	Tie Strap

### KSC05V261A:

Qty.	Part Number	Description
1	24110-36D1A	Battery Cable 2005 MY UD1300 and UD1400
1	24115-36D0A	Battery to Battery Cable
1	24340-29D00	Battery Terminal Clamp
1	08918-6081A	Battery Terminal Nut
1	24270-36D1A	Frame Cross Member Protector

Additional Safety Recall Parts Kit 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.

## 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.

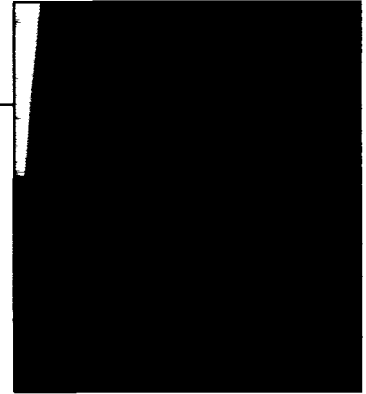


Figure A

## SERVICE PROCEDURE

### STEP 1

Remove the existing battery cable, cut in half and discard according to local and state regulations.

### STEP 2

See "Parts Information" cell chart for correct MY Safety Recall parts kit.

**Step 3A** (Metal retaining ring missing or broken)  
Install, route and secure the battery cable to the chassis harness as shown in Figure B1 using a tie strap PN 01552-00043.

**STEP 3B** (Metal retaining clip in place)  
Install, route and secure the battery cable through the welded metal retaining clamp as shown in Figure B2.



Figure B2 (2005 MY) With retaining clamp on Transmission mount

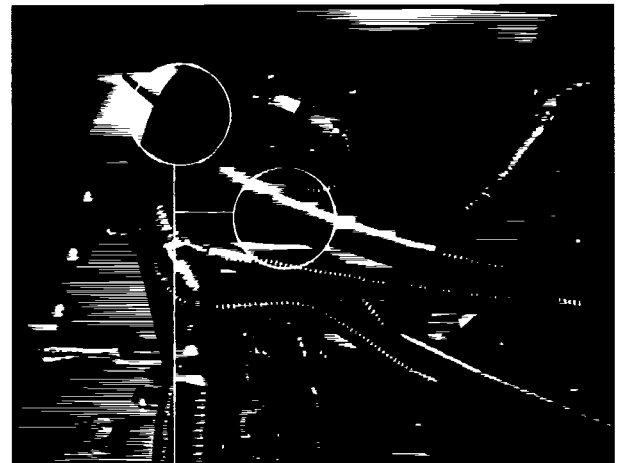
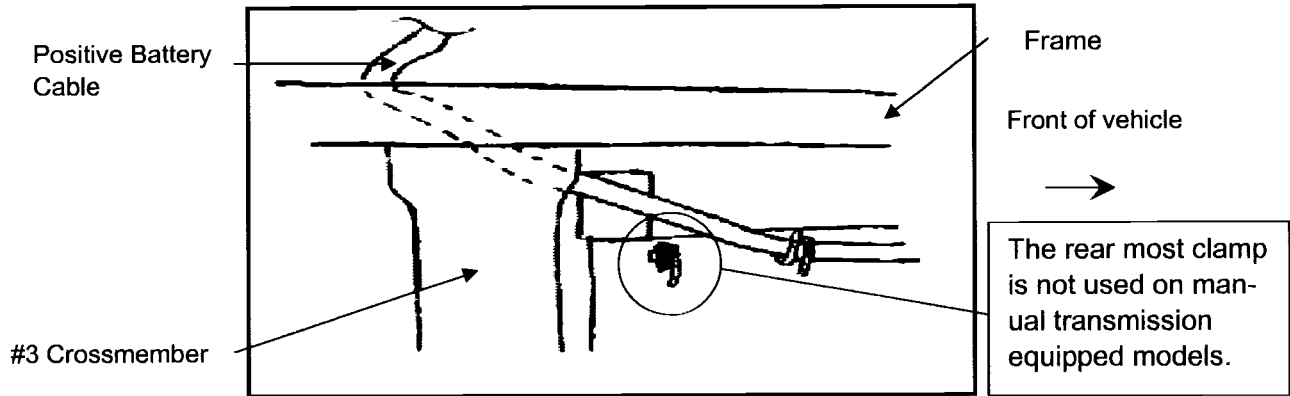


Figure B1 (2002-2004 MY) Without retaining clamp on Transmission mount, use a Tie Strap PN 01552-00043

Positive Battery Cable

**SERVICE PROCEDURE (continued)**

**On Manual Transmission Models:** Do not use the rear most retaining clip on the transmission shift cover securing the battery cable on manual transmission, see illustration Figure C for details.



**Figure C**

**Step 4**

Install battery cable to starter and tighten to B terminal according to specifications under References on page 7.

**Step 5**

Install the 3<sup>rd</sup> Cross Member Protector **PN 24270-36D1A** as shown in Figure D.



**Figure D**

## SERVICE PROCEDURE (continued)

### Step 5

1. Add battery terminal clamp **PN 24340-29D00** to the rear most battery's positive post.
2. Using battery- to-battery cable **PN 24115-36D0A** connect both positive terminals.
3. Attach the alternator feed cable to the rear most battery terminal clamp using nut **PN 08918-6081A** and torque to specifications under References on page 7.
4. Attach the battery cable affixed with a label around the conduit to the front most battery's positive terminal as shown in Figure E.
5. Tighten all connections to the torque specifications under References on page 7.

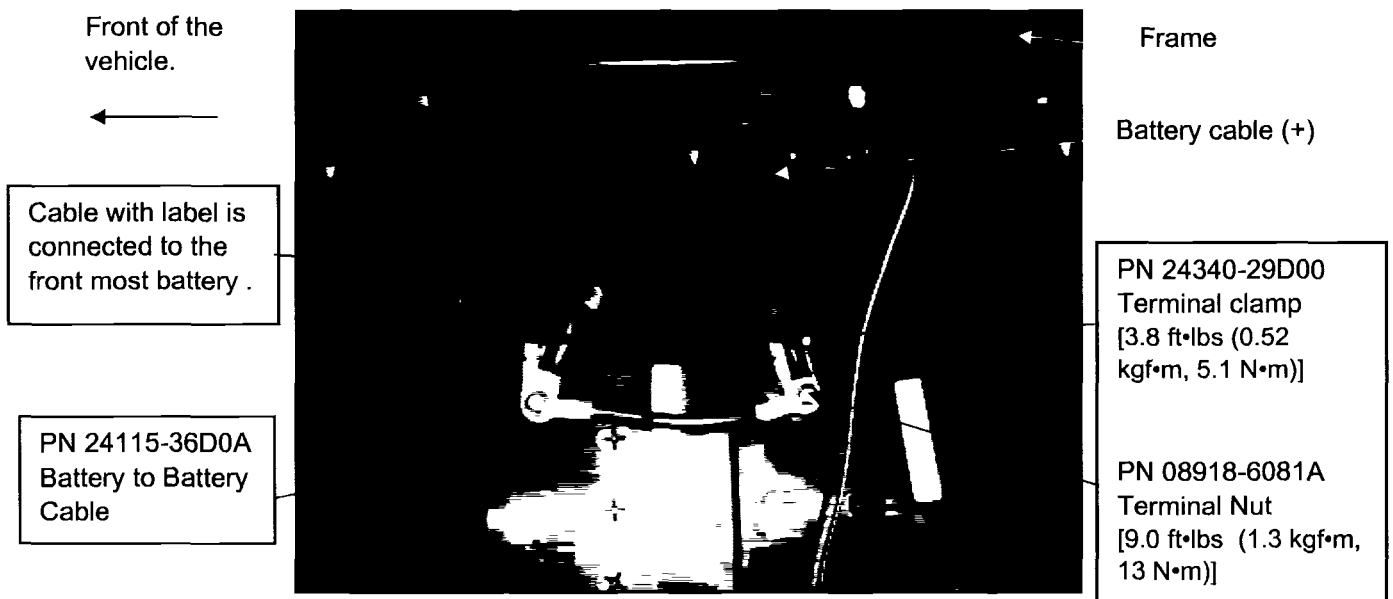


Figure E

### Step 6

Start the vehicle to insure proper starter operation.

### Step 7

Record the completion date on the Safety Recall SC-261 sticker as shown in Figure F and apply it to the driver's side door post as shown in Figure A on page 4.

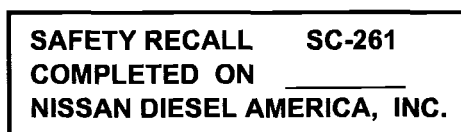


Figure F

## **SERVICE PROCEDURE (continued)**

### **REFERENCES: Torque Specifications**

Batt. Cable to Starter End <b>B</b> Terminal	7.2 ft•lbs (0.75~1.0 kgf•m, 7.4~9.8 N•m)
Batt. terminal clamp nut	3.8 ft•lbs (0.52 kgf•m, 5.1 N•m)
Battery clamp vertical stud/nut	9.0 ft•lbs (1.3 kgf•m, 13 N•m)

## **WARRANTY INFORMATION**

Expenses for replacing the battery cable as 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:

<b>WARRANTY CODE</b>	K627
<b>TROUBLE CODE</b>	87700336
<b>FAILED PART NUMBER</b>	2411-029D00
<b>REPAIR DESCRIPTION</b>	PERFORM SAFETY RECALL SC-261
<b>LABOR OPERATION</b>	877C
<b>LABOR TIME ALLOWED</b>	0.5 HRS/UNIT (INSTALL BATTERY CABLES AND CROSSMEMBER PROTECTOR)