



MAY 4, 2009

**SAFETY RECALL NOTICE**

**VOLUNTARY SAFETY RECALL CAMPAIGN # 09V-111**

Dear UD Truck Owner:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

Nissan Diesel America, Inc. has determined that specific 2008 Model Year UD3300 model vehicles equipped with the Arvin Meritor 2-Speed rear axle do not meet the Federal Motor Vehicle Safety Standard (FMVSS) 121 "Air Brake Systems" regulation. The vehicle identified on the enclosed "AUTHORIZATION FOR RECALL SERVICE" card fits this description and our records list you as the owner of this vehicle.

The length of the air brake hose installed between the relay valve and quick release valve for the left rear air brake assembly is incorrect and may increase the resistance in the air supply. Incorrect length of the air brake hose will increase the risk of a crash without prior warning. As a remedy, the air brake hose will be replaced.

Please contact Michael Ricks at 972-756-5532 as soon as possible to schedule an appointment to have the air brake hose replaced at no charge to you. It is estimated that approximately 4 hours will be required for the repairs but this may vary depending upon the installed chassis equipment limiting access to the repair area.

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

**IMPORTANT:** We would appreciate your bringing the "AUTHORIZATION FOR RECALL SERVICE" card with you to the UD Truck Dealer at the time of your repair appointment. If you do not have the "AUTHORIZATION FOR RECALL SERVICE" card, please provide the Vehicle Identification Number (VIN) to the UD Truck Dealer when scheduling your appointment to verify that your vehicle requires this recall service.

You may be entitled to reimbursement of costs to repair a previous failure related to this recall. If you believe that you have paid for previous repairs related to this recall, please contact Nissan Diesel America, Inc. at (972) 756 - 5532.

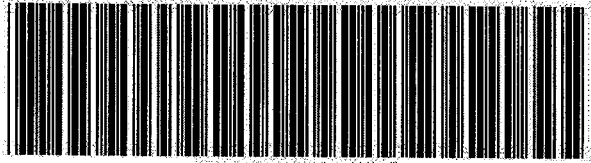
If you no longer own or possess this vehicle, please fill in the requested information on the enclosed postage prepaid "AUTHORIZATION FOR RECALL SERVICE" card and return it to the Nissan Diesel America, Inc. Service Operations Department. This will allow proper identification and notification to the current owner of this vehicle.

You may submit a complaint to the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Ave., S.E., Washington, DC 20590 or call the toll free Vehicle Safety Hotline at 1-888 -327- 4236 (TTY 1-800-424-9153); or go to <http://www.safercar.gov>, if you believe that either Nissan Diesel America, Inc. or the UD Truck Dealer has failed or is unable to repair your vehicle without charge.

We regret any inconvenience this recall may have caused. If you have any questions regarding this recall, you may call the Nissan Diesel America, Inc. Service Operations Department at (972) 756 - 5532.

Sincerely,  
**NISSAN DIESEL AMERICA, INC.**

# RECALL DOCUMENT



RCSB-09V109-1057

**Artemis # :** 09V109000

**Record Created Date :** 04-02-2009

**Printed Date :** 04/28/2009

**Mfr Name :** HARLEY-DAVIDSON MOTOR  
COMPANY

**Description :** FRONT BRAKE LINE CONTACT WITH TIRE

**Document Type :** Safety Bulletin

Print

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# SERVICE BULLETIN



B-091

Safety Recall Code 0838

April 17, 2009

## 1125R, XB12R AND XB12Scg BRAKE LINE RECALL

### Purpose

Buell Distribution Company, LLC. has determined that a defect relating to motor vehicle safety exists on certain XB12R, 1125R and XB12Scg model motorcycles.

These motorcycles have a front brake line which may contact the front tire. The condition could cause a hole to develop in the front brake line, allowing brake fluid to leak.

In the interest of motor vehicle safety and customer satisfaction, Buell Motorcycle Company has elected to initiate a voluntary recall (Campaign 0838) to remedy this defect. As required by law, you may sell but **NOT DELIVER** any affected motorcycles to your customers until the remedy is completed.

See Required Dealer Action to perform the recall service.

### Motorcycles Affected

Model year 2008 1125R motorcycles built October 30, 2007 through July 17, 2008; 2009 model year XB12R motorcycles built July 2, 2008 through February 12, 2009; and 2009 model year XB12Scg motorcycles built July 1, 2008 through February 10, 2009.

A VIN list specific to vehicles shipped to your dealership is available via h-dnet.com. This list may be found by following this path:

[h-dnet.com/ServiceToolbox/Safety Campaign and Open VIN lists](http://h-dnet.com/ServiceToolbox/Safety_Campaign_and_Open_VIN_lists). Select 0838 campaign to view VIN list.

#### NOTE

*If the vehicle does not appear on your dealer VIN list, refer to Safety and Product Campaign History by VIN link to verify if vehicle is affected.*

### Customer Notification

In accordance with Federal regulations administered by NHTSA, Buell Motorcycle Company will send a letter to registered owners of affected products in the United States notifying them of this safety-related condition and instructing them to contact their dealer for the replacement service. A sample of the customer letter is attached. Customers outside the United States market may not receive this notification.

To protect the safety of our riders, it is our mutual responsibility to ensure the recall service is performed on all affected motorcycles. Therefore, we strongly urge you to perform the recall service even if the motorcycle was not purchased from your dealership.

You are also required to perform the recall service on all affected vehicles in your dealership inventory prior to delivering, renting or leasing those vehicles.

If you are not sure that a safety recall has been completed on a particular motorcycle, check the recall records available on TALON and h-dnet.com.

#### IMPORTANT NOTE

***Because only registered owners in the United States will receive notification from us, we request that you contact any owners of vehicles that your records show as unregistered. Advise them of the safety recall and make arrangements for them to come in for recall service. We also require that you provide us with their names, addresses and VINs as soon as possible to enable us to mail them an owner's letter, as required by the National Traffic and Motor Vehicle Safety Act (as amended).***

### Kit Ordering Information

There will be no wave shipments performed. Orders will be accepted and processed beginning April 20, 2009. All kits will be shipped no charge, transportation paid via UPS1.

If kits are needed, fill in the attached order form and fax it to the Warranty department at 414-343-8346. You must include your dealer number and the VIN of the motorcycle involved. A small number of motorcycles are expected to require a line replacement. Please order replacement kits only as needed.

#### NOTE

*No kit orders will be accepted prior to April 20, 2009. Orders received prior to April 20, 2009 will be discarded.*

Upon completion of the recall on any vehicle, please be certain to follow the instructions listed under Credit Procedure and submit your recall claims promptly.

**Table 1. Safety Recall Code 0838 Kits**

PART NO.	FITMENT	ROUTE	REPLACE
94741Y	1125R	X	-
94742Y	XB12R XB12Scg	X	-
94743Y	1125R, XB12R	X	X
94744Y	XB12Scg	X	X

#### IMPORTANT NOTE

In the interest of preserving customer safety and satisfaction, always check for outstanding recalls whenever any motorcycle is brought into your dealership for either maintenance or service.

ROUTING	SERVICE MANAGER	SALES MANAGER	PARTS MANAGER	WARRANTY PROCESS MANAGER	LEAD TECHNICIAN	TECHNICIAN NO.1	TECHNICIAN NO. 2	TECHNICIAN NO. 3	RETURN THIS TO
INITIAL HERE									

©2009 Buell Motorcycle Company

**Table 2. Safety Recall Code 0838  
Kit 94741Y Contents**

QUANTITY	PART NO.	DESCRIPTION
1	H0418.5AN	Guide, front brake line
1	C0440.7AA	Rhino tape

**Table 3. Safety Recall Code 0838  
Kit 94742Y Contents**

QUANTITY	PART NO.	DESCRIPTION
1	H0418.5AN	Guide, front brake line
1	C0440.7AA	Rhino tape
2	M0106.02A8A	Reflectors
2	H0412.01A0	Crush washers

**Table 4. Safety Recall Code 0838  
Kit 94743Y Contents**

QUANTITY	PART NO.	DESCRIPTION
1	H1531.1AMA	Front brake line assembly
1	C0440.7AA	Rhino tape
2	M0106.02A8A	Reflectors

**Table 5. Safety Recall Code 0838  
Kit 94744Y Contents**

QUANTITY	PART NO.	DESCRIPTION
1	H1531.8AE	Front brake line assembly
1	C0440.7AA	Rhino tape
2	M0106.02A8A	Reflectors

## Required Dealer Action

### Inspect the Front Brake Line

**All Models:** Inspect the front brake line for tire contact damage. If the contact damage does not penetrate to the steel braided layer, the front brake line can be re-routed and continue to be used. Damage to the steel braided layer requires replacement using the appropriate recall kit. Re-route the front brake lines on all affected motorcycles and replace the front brake lines that are damaged. Select the corresponding safety recall kit for service.

### Re-Route the Front Brake Line

**1125R: Kit No. 94741Y**

**XB12R: Kit No. 94742Y**

- XB12R:** Remove the reflectors on the outer fork tubes and install **new** reflectors provided in the kit pressed up against the lower triple clamp.

- XB12R/1125R:** Fit the rhino tape against the lower edge of the outer fork tube and press into place.
- Remove the P-clamp from the lower triple clamp.
- Disconnect the front brake switch connector [121].
- Remove the master cylinder/reservoir clamp.
- Route the reservoir through the fork tubes and back around to the outside of the front fork.
- Position the master cylinder/reservoir for rider posture and tighten the fasteners to 80-90 **in-lbs** (9-10 Nm).
- Join the brake switch connector housing [121] to the brake switch.
- Remove the P-clamp from the brake line and press the rubber grommet around the front brake line into the front brake line guide.
- Install the guide and tighten to 36-60 **in-lbs** (4-7 Nm).
- Discard the crush washers provided in the kit and discard the reflectors if servicing an 1125R.

### WARNING

**After repairing the brake system, test brakes at low speed. If brakes are not operating properly, testing at high speeds can cause loss of control, which could result in death or serious injury. (00289a)**

### WARNING

**Be sure that all lights and switches operate properly before operating motorcycle. Low visibility of rider can result in death or serious injury. (00316a)**

- Test ride motorcycle and test brake lights.

### **XB12Scg: Kit No. 94742Y**

- Remove the reflectors on the outer fork tubes and install **new** reflectors pressed up against the lower triple clamp.
- Fit the rhino tape against the lower edge of the outer fork tube and press into place.

### NOTE

*Discard used fluid according to local laws.*

- Drain the brake fluid. See the service manual.
- Remove the banjo bolt at the front brake caliper.
- Remove the P-clamp from the lower triple clamp and the line.
- Re-route the brake line outside of the front fork.
- Install the banjo bolt with **new** crush washers. Tighten to 16-20 **ft-lbs** (22-27 Nm).
- Press the rubber grommet around the front brake line into the front brake line guide.
- Install the guide and tighten to 36-60 **in-lbs** (4-7 Nm).

### WARNING

**After repairing the brake system, test brakes at low speed. If brakes are not operating properly, testing at high speeds can cause loss of control, which could result in death or serious injury. (00289a)**

- Fill and bleed the front brake. See the service manual.
- Test ride motorcycle and test brake lights.

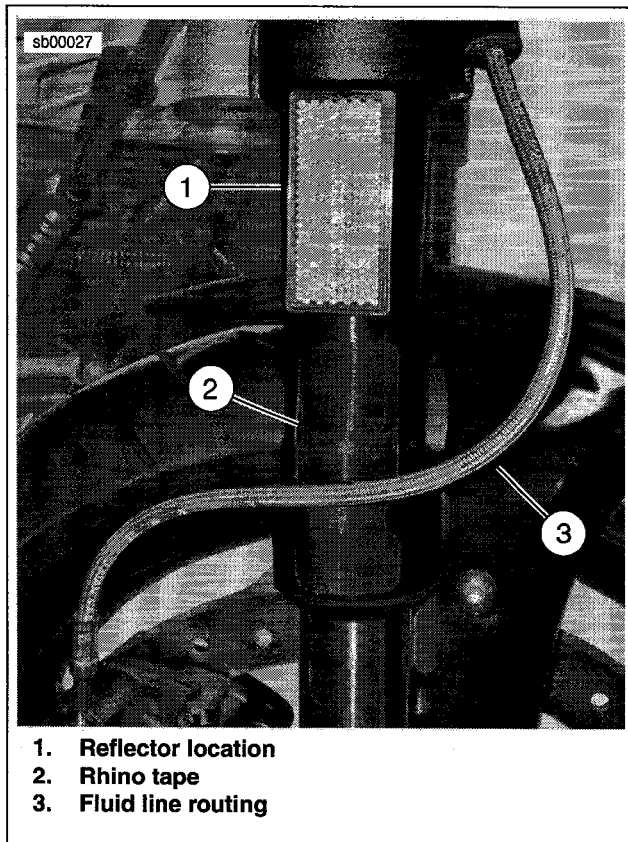


Figure 1. Reflector/Rhino Tape Location (XB12Scg)

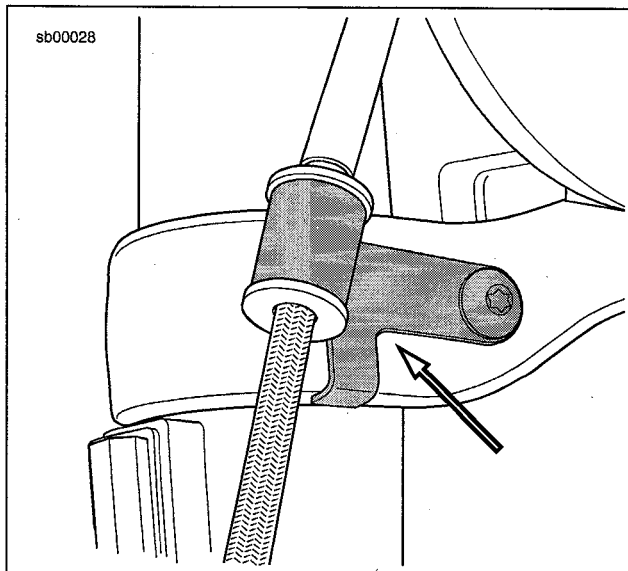


Figure 2. Front Brake Line Guide

## Replace the Front Brake Line

1125R/XB12R: Kit No. 94743Y

XB12Scg: Kit No. 94744Y

1. **XB12R/XB12Scg:** See Figure 1. Remove the reflectors on the outer fork tubes and install **new** reflectors pressed up against the lower triple clamp.

### NOTE

Discard used fluid according to local laws.

2. **1125R/XB12R/XB12Scg:** Drain the brake fluid. See the service manual.

### NOTE

**XB12Scg:** Refer to the service manual for replacement of the front brake line.

3. Remove the banjo bolt at the master cylinder/reservoir.
4. Remove the banjo bolt at the front brake caliper. Discard the crush washers.
5. Remove the P-clamp and the front brake line. Discard the P-clamp.
6. Fit the rhino tape (2) against the lower edge of the outer fork tube and press into place.
7. Route the **new** brake line (3) around the outside of the front fork along side the rhino tape.
8. Install both banjo bolts with **new** crush washers. Tighten to 16-20 ft-lbs (22-27 Nm).
9. **XB12R/1125R:** Install the P-clamp. Tighten to 36-60 in-lbs (4-7 Nm).
10. **XBScg:** See Figure 2. Install the front brake line guide. Tighten to 36-60 in-lbs (4-7 Nm).
11. Discard the reflectors provided in the kit if servicing an 1125R.

### WARNING

After repairing the brake system, test brakes at low speed. If brakes are not operating properly, testing at high speeds can cause loss of control, which could result in death or serious injury. (00289a)

12. Fill and bleed the front brake. See the service manual.
13. Test ride motorcycle and test brake lights.

**Credit Procedures for Talon/  
h-dnet.com/Lightspeed Users: See  
Tables 6-11 on next page.**

**Table 6. Inspect and Re-route: 1125R**

ENTRY FIELD	ENTER
Claim Type	SRC
Problem Part	H1531.1AM
Quantity	Leave Blank
* Primary Labor Code	2705
Time	0.2
* Customer Concern Code	0838
Condition Code	9981
Replacement Kit Part No.	94741Y
Quantity	1
*These new codes may need to be downloaded into your system.	

**Table 7. Inspect and Re-route: XB12R**

ENTRY FIELD	ENTER
Claim Type	SRC
Problem Part	H1531.6AA
Quantity	Leave Blank
* Primary Labor Code	2725
Time	0.3
* Customer Concern Code	0838
Condition Code	9983
Replacement Kit Part No.	94742Y
Quantity	1
*These new codes may need to be downloaded into your system.	

**Table 8. Inspect and Re-route: XB12Scg**

ENTRY FIELD	ENTER
Claim Type	SRC
Problem Part	H1531.4AN
Quantity	Leave Blank
* Primary Labor Code	2735
Time	0.6
* Customer Concern Code	0838
* Condition Code	9985
Replacement Kit Part No.	94742Y
Quantity	1
*These new codes may need to be downloaded into your system.	

**Table 9. Inspect, Replace and Re-route: 1125R**

ENTRY FIELD	ENTER
Claim Type	SRC
Problem Part	H1531.1AM
Quantity	Leave Blank
* Primary Labor Code	2715
Time	0.9
* Customer Concern Code	0838
Condition Code	9982
Replacement Kit Part No.	94743Y
Quantity	1
*These new codes may need to be downloaded into your system.	

**Table 10. Inspect, Replace and Re-route: XB12R**

ENTRY FIELD	ENTER
Claim Type	SRC
Problem Part	H1531.6AA
Quantity	Leave Blank
* Primary Labor Code	2730
Time	0.9
* Customer Concern Code	0838
Condition Code	9984
Replacement Kit Part No.	94743Y
Quantity	1
*These new codes may need to be downloaded into your system.	

**Table 11. Inspect, Replace and Re-route: XB12Scg**

ENTRY FIELD	ENTER
Claim Type	SRC
Problem Part	H1531.4AN
Quantity	Leave Blank
* Primary Labor Code	2740
Time	0.9
* Customer Concern Code	0838
* Condition Code	9986
Replacement Kit Part No.	94744Y
Quantity	1
*These new codes may need to be downloaded into your system.	

## **Credit Procedures for all other Warranty Claim System Users - 2008 1125R**

For each 2008 1125R serviced, file a claim supplying all necessary information as follows:

Dealer Number

Repair Order Number

Claim Date

Product Campaign (0838)

Fix I.D. (C) Inspect and re-route

Fix I.D. (R) Inspect, replace and re-route

Full seventeen-character VIN.

## **Credit Procedures for all other Warranty Claim System Users - 2009 XB12R**

For each 2009 XB12R serviced, file a claim supplying all necessary information as follows:

Dealer Number

Repair Order Number

Claim Date

Product Campaign (0838)

Fix I.D. (F) Inspect and re-route

Fix I.D. (I) Inspect, replace and re-route

Full seventeen-character VIN

## **Credit Procedures for all other Warranty Claim System Users - 2009 XB12Scg**

For each 2009 XB12Scg serviced, file a claim supplying all necessary information as follows:

Dealer Number

Repair Order Number

Claim Date

Product Campaign (0838)

Fix I.D. (A) Inspect and re-route

Fix I.D. (D) Inspect, replace and re-route

Full seventeen-character VIN.

Upon receipt of the properly completed recall claim, you will be credited for labor time for performing the recall procedure plus appropriate market administrative time. The recall record will be updated. Each vehicle recall completion must be filed on an individual claim. Please do not submit additional warranty events on these claims.

**HARLEY-DAVIDSON MOTOR COMPANY**  
**P.O. BOX 594, MILWAUKEE, WI U.S.A 53201**  
**RECALL AND PRODUCT CAMPAIGN ORDER FORM**

**B-091 SAFETY RECALL CODE 0838**

TYPE CODE	ORDER TYPE	VEHICLE IDENTIFICATION NUMBER(S)
RC	RECALL	
PC	PRODUCT CAMPAIGN	

ORDER DATE
DEALER NUMBER

QUANTITY	PART NUMBER	ITEM
	<b>94741Y</b>	<b>Code 0838 Brake Line Guide Kit, 1125R</b>
	<b>94742Y</b>	<b>Code 0838 Brake Line Guide Kit, XB12R/XB12Scg</b>
	<b>94743Y</b>	<b>Code 0838 Brake Line Kit, 1125R/XB12R</b>
	<b>94744Y</b>	<b>Code 0838 Brake Line Kit, XB12Scg</b>
		<i>NOTE:</i> All orders are subject to approval. You may not receive the total quantity of kits ordered due to parts availability. If this happens, please submit another order for the balance, following all order procedures indicated in the Service Bulletin. Fax orders to the warranty department: 414-343-8346. You must include VIN number (if required) and your dealer number.

**ALL ORDERS SUBJECT TO ACCEPTANCE AT MILWAUKEE, WI USA 53201**

**NOTE:** An order acknowledgement is automatically generated and faxed to your dealership's fax number as listed in GDIS the same day as your order is entered at HDMC. This acknowledgement will provide you with the order status and order number. To retrieve order information based on the Harley-Davidson order number, go to P&A Order Inquiry on h-dnet.com under the Parts and Accessories link, select H-D Order Number, enter the order number and click "Submit". At the bottom of the page, click on "Track Part" to view tracking information for the order.

# SAMPLE

Dear Buell Motorcycle Owner:

This notice is being sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

Buell Distribution Company, LLC. has decided that a defect which relates to motor vehicle safety exists on certain model year 2008 1125R motorcycles built October 30, 2007 through July 17, 2008; 2009 model year XB12R motorcycles built July 2, 2008 through February 12, 2009; and 2009 model year XB12Scg motorcycles built July 1, 2008 through February 10, 2009.

The front brake line on the model motorcycles built between the above dates may contact the front tire. The condition could cause a hole to develop in the front brake line, allowing brake fluid to leak. This condition might cause an ineffective front brake, which may lead to a crash and potential injury or death of the rider.

Our records indicate that you purchased one of the model motorcycles listed above that may have the condition involved in this recall.

**We strongly urge you to contact your dealer to make arrangements to have the appropriate service performed as soon as possible.**

Please contact your Buell motorcycle dealer immediately and arrange an appointment to have your motorcycle repaired. The actual dealer labor time to perform this service will be less than one hour; however, due to scheduling, the dealer may require your motorcycle for a longer period of time. The parts and labor will be free of charge to you. Recall kits will be available at your dealership beginning the week of April 20, 2009.

To verify that the service has been completed, your Dealer will ask you to sign a recall claim. If you have sold your motorcycle, please forward the appropriate contact information about your purchaser. This will enable us to contact him/her and advise that person of this recall. Also, Federal regulation requires that any vehicle lessor receiving this recall notice must forward a copy of this notice to the lessee within ten days.

If you have had this defect repaired before you received this letter, you may be eligible to receive reimbursement for the cost of obtaining a pre-notification remedy of the problem associated with

this recall. For more information contact Buell Distribution Company, LLC at 1-414-343-8400. Should you choose to ride your motorcycle prior to this service, we urge you to be aware of this condition.

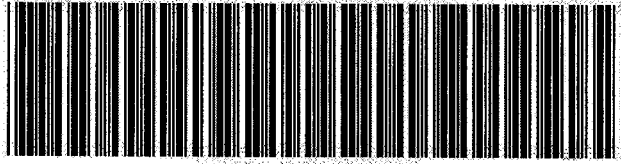
If you take your motorcycle to your dealer on a mutually agreed upon date and they do not perform the required service to your satisfaction, please contact Buell Distribution Company, LLC. for immediate assistance at the address or telephone number listed on this letterhead. If your dealer or Buell Distribution Company, LLC. fails or is unable to remedy your motorcycle without charge within a reasonable time, you may wish to inform the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Avenue, SE, Washington, DC 20590, or call the toll-free Auto Safety Hotline at 1-888-327-4236 (TTY: 1-800-424-9153); or contact NHTSA at <http://www.safercar.gov>.

We regret any inconvenience this may cause you, but we are initiating this action in the interest of your personal safety and satisfaction with our products. Thank you for your cooperation.

Sincerely,

Buell Distribution Company, LLC.  
0838

# RECALL DOCUMENT



RCDNN-09V056-9215

**Artemis # :** 09V056000

**Record Created Date :** 02-17-2009

**Printed Date :** 04/28/2009

**Mfr Name :** FLEETWOOD ENTERPRISES,  
INC.

**Description :** BATTERY CABLE

**Document Type :** Defect and Noncompliance Notice(Part 573)

Print

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*Driven to Explore*

April 21, 2009

Mr. Daniel C. Smith  
Associate Administrator for Enforcement  
National Highway Traffic Safety Administration  
1200 New Jersey Ave, SE  
Washington, DC 20590

Fleetwood Enterprises, Inc.  
3125 Myers Street / Riverside, CA 92503-5527  
P.O. Box 7638 / Riverside, CA 92513-7638  
p: 909.351.3500 / www.fleetwoodrv.com

Re: Amended - Safety Defect Report

Dear Mr. Smith:

On February 4, 2009 Fleetwood Enterprises, Inc., decided that a safety defect which relates to motor vehicle safety exists in certain motor homes as listed below, and is furnishing notification to the National Highway Traffic Safety Administration in accordance with 49 CFR Part 573 Defect and Non-compliance reports.

The following is the information required by 49 CFR Part 573:

- This amended report was prepared on April 21, 2009.
- Fleetwood has assigned 90209 as an identification code to this recall.

(1) The affected motor homes were manufactured by the following wholly owned subsidiary of Fleetwood Enterprises, Inc.

Fleetwood Motor Homes of Indiana, Inc. #44  
1031 U.S. 224 E., P.O. Box 31  
Decatur, Indiana 46733

The agency should contact the following individual with respect to this recall:

Craig Biazio  
Director of Service  
Travel Trailer Division  
2990 Myers Street  
Riverside, California 92513-7638  
Telephone: 951-351-3624 e-mail: [craig.biazio@fleetwood.com](mailto:craig.biazio@fleetwood.com)

(2) The vehicles involved in the recall are certain 2006, 2007 and 2008 model year Providence, Excursion, Expedition, Discovery and Bounder Diesel model motor homes manufactured from: October, 2005 through June, 2008. The June, 2008 date coincides with the introduction of a newly designed modular style chassis, that eliminated the problem.

These motor homes were built with a Fleetwood identification number range of:

Bounder Diesel	735N74400073 - 735V74499969
Discovery	770X84400002 - 770X74499986
Excursion	779L74400052 - 779X84499998
Expedition	730V84400068 - 730S74499960

Providence

772R84400054 - 772E84499999

- (3) Fleetwood reports approximately 3777 as the number of Providence, Excursion, Expedition, Discovery and Bounder Diesel model motor homes that contain the safety defect.
- (4) Fleetwood estimates that 100% of the affected Providence, Excursion, Expedition, Discovery and Bounder Diesel model motor homes contain the safety defect.
- (5) On certain Providence, Excursion, Expedition, Discovery and Bounder Diesel model motor homes affected by this recall, the battery cable is routed too close to a sharp edge that is located on top of a shelf installed over the driveshaft. This can cause abrasion to the battery cable insulation, leading to an electrical short and possibly a fire.
- (6) Not applicable.
- (7) Fleetwood began an investigation when this matter came to our attention on June 2, 2008, when a fire was reported in a customers unit at a campground.

Fleetwood is not aware of any accidents or injuries that have resulted from this safety defect.

- (8) Fleetwood dealers will inspect, replace or repair damaged cables as necessary and install an edge guard to protect the wires from the sharp edge.
- (9) Fleetwood intends to conduct a dealer notification by e-mail in May, 2009.

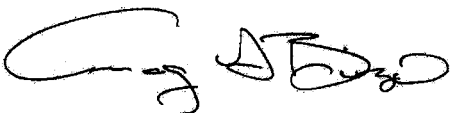
Fleetwood intends to conduct a customer notification by UPS traceable in May, 2009.

Fleetwood does not foresee any problems with implementing this voluntary recall campaign.

- (10) Copies of subsequent correspondence will be submitted to the NHTSA within five (5) working days of distribution. This correspondence will include:
  - I) Letter of dealer notification
  - II) Letter of customer notification
  - III) Service Bulletin

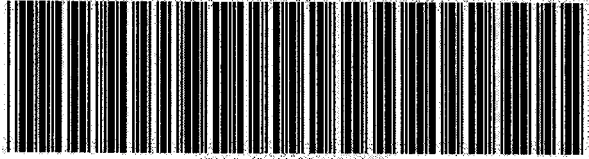
A draft of these documents will be forthcoming for your review. If additional information is required, please contact Shelley Krueger who can be reached by phone at (951) 351-3646 or by e-mail at [skrueger@fleetwood.com](mailto:skrueger@fleetwood.com).

Sincerely,



Craig Biazo  
Director of Service  
Travel Trailer Division

# RECALL DOCUMENT



RCSB-09V077-2071

**Artemis # :** 09V077000

**Record Created Date :** 03-10-2009

**Printed Date :** 04/28/2009

**Mfr Name :** MITSUBISHI MOTORS NORTH AMERICA, INC.

**Description :** BRAKE BOOSTER CHECK VALVE

**Document Type :** Safety Bulletin

Print

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# SAFETY RECALL BULLETIN

SUBJECT: <b>BRAKE BOOSTER CHECK VALVE REPLACEMENT SAFETY RECALL CAMPAIGN</b>			No: <b>SR-09-002</b>
			DATE: <b>April, 2009</b>
			MODEL: <b>2008-09 Lancer, 2008-09 Outlander</b>
CIRCULATE TO:	<input checked="" type="checkbox"/> GENERAL MANAGER	<input checked="" type="checkbox"/> PARTS MANAGER	<input checked="" type="checkbox"/> TECHNICIAN
<input checked="" type="checkbox"/> SERVICE ADVISOR	<input checked="" type="checkbox"/> SERVICE MANAGER	<input checked="" type="checkbox"/> WARRANTY PROCESSOR	<input checked="" type="checkbox"/> SALES MANAGER

## PURPOSE

On some affected vehicles equipped with automatic transmissions (including CVT), the brake booster check valve may stick closed when the engine is shut off. Under certain conditions (very slow vehicle maneuvers after a restart) there may be insufficient initial brake assist, which may temporarily increase the stopping distance of the vehicle and therefore increase the risk of a crash.

This Safety Recall Bulletin contains instructions for replacing the brake booster check valve. A new check valve must be installed. Refer to the Parts Information section of this bulletin for additional information.

## AFFECTED VEHICLE(S)

**U.S.** — 2008-09 Lancer and Outlander built between October 23, 2007 and January 22, 2009

**CANADA** — 2008-09 Lancer built between October 24, 2007 and January 22, 2009  
2008-09 Outlander built between October 23, 2007 and December 1, 2008

**Vehicles equipped with automatic transmission or CVT only.**

**IMPORTANT**

*Affected new or used inventory vehicles must be repaired, before the vehicle is sold. Each dealer's affected VINS can be found on the MDL as part of their Open Recalls list. Dealers must check the VINS of their used inventory vehicles on the Warranty Super Screen to verify whether the vehicle is involved in this recall campaign. Please contact owners of recently sold VINs to bring their vehicle to the dealership for this procedure.*

## CUSTOMER NOTIFICATION

A letter will be sent to all owners of affected vehicles telling them to bring their vehicle to their Mitsubishi Motors dealer to have the brake booster check valve replaced. A copy of the customer notification letter appears later in this bulletin.

## REQUIRED OPERATIONS

Before starting this recall campaign procedure, CHECK THE WARRANTY SUPERSCREEN to verify that the vehicle is an affected VIN for this campaign and that this campaign procedure has not already been completed.

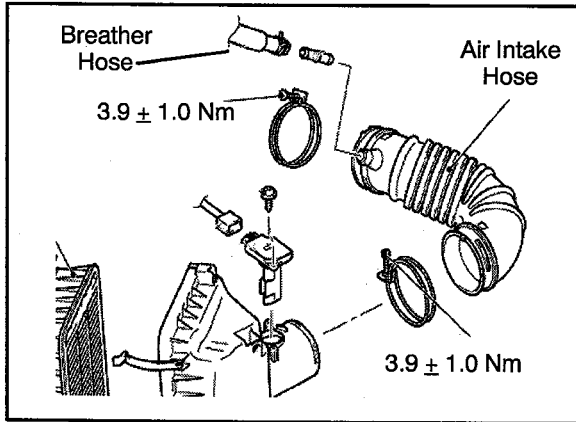
Following the instructions in this recall bulletin, replace the brake booster check valve. Refer to the Parts Information section later in this recall campaign bulletin for the brake booster check valve part number and related information.

Continued

FILE UNDER: <b>SAFETY RECALL BULLETINS, in the Dealer Service Information Binder</b>	<b>(3478)</b>
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**PROCEDURE**

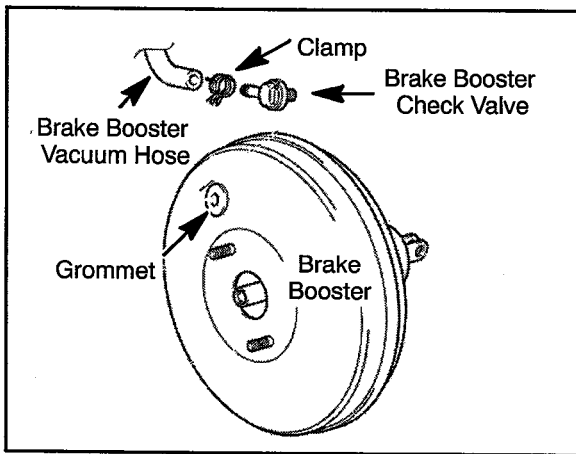
1. Open the hood and support it with the hood support rod.



**OUTLANDER V6** - For all others, go to step 5

**AIR INTAKE HOSE REMOVAL**

2. Using pliers, compress the clamp securing the breather hose retaining clip and slide the clamp away from the fitting on the air intake hose.
  3. Remove the breather hose from the air intake hose.
- NOTE:** If the fitting comes out of the air intake hose, re-install it and continue with the next step.
4. Loosen 2 band clamps and remove the air intake hose.

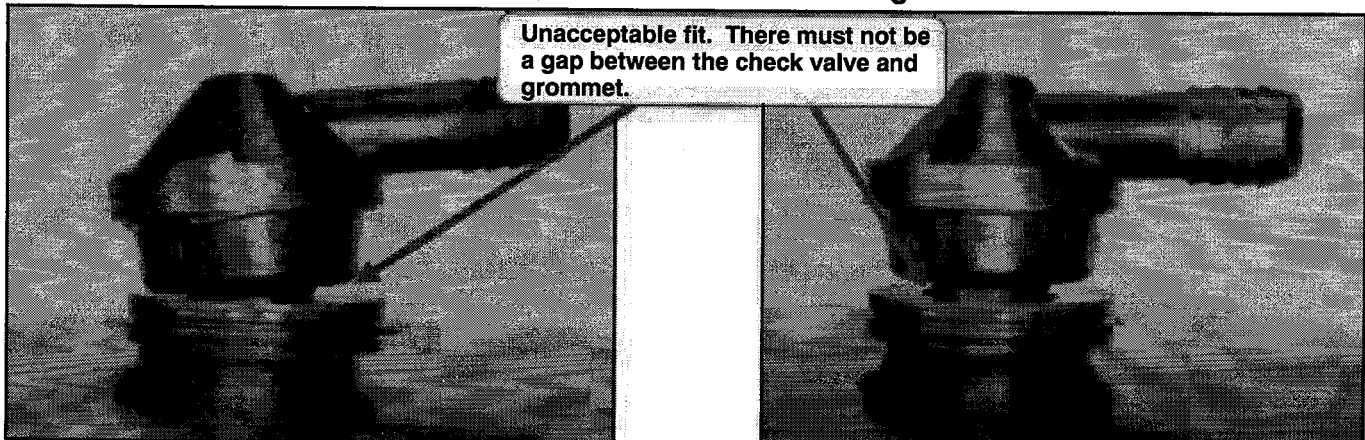


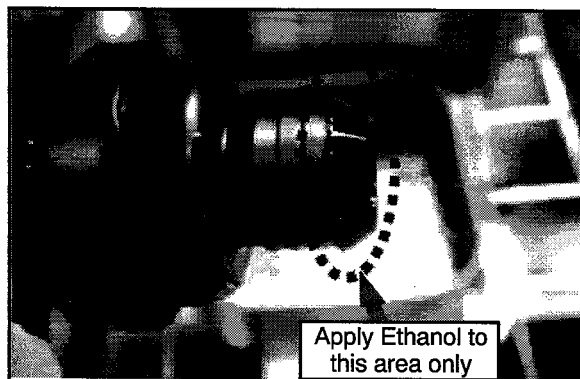
5. Locate the brake booster.
6. Using pliers, compress the clamp securing the brake booster hose to the brake booster check valve and slide the clamp away from the valve.
7. Remove the hose from the check valve.
8. Take note of the direction the check valve is facing.
9. Remove the check valve from the brake booster.
10. Insure that the grommet is in position and flush to the booster surface prior to installing the new check valve.

11. Install a new brake booster check valve **facing the same direction as the one you removed**. Insure that the check valve is completely inserted and that no gap exists between the valve and the grommet (see following photos).

**CAUTION**

Insure the check valve fits flush to the grommet. There must not be a gap between the base of the check valve and the grommet.





**NOTE:** If necessary, you may use ETHANOL ONLY (ethyl alcohol) as a lubricant by coating only the bevelled surface of the check valve before inserting it into the grommet.

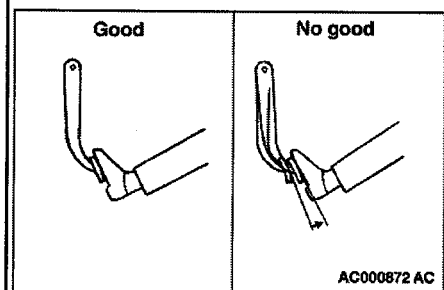
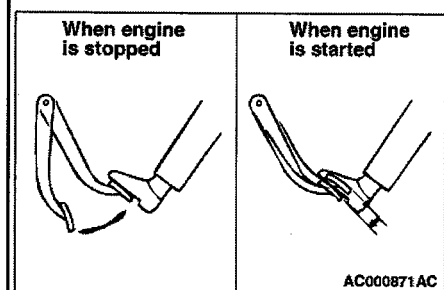
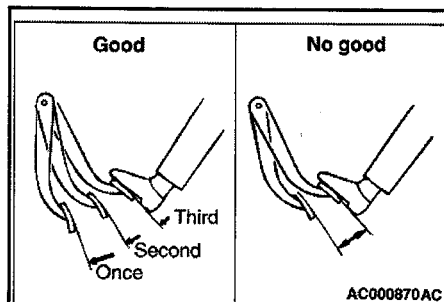
**!! CAUTION!!** Do not use any other agent as a lubricant.

- Do not use mineral-oil-based lubricants or engine oil as these could cause the grommet to swell.
- Do not use neutral detergents as they are low volatility and may not evaporate and remain in the valve.

**Reinstallation of the air intake hose is the reverse of removal. Refer to the illustration accompanying step 2 and torque the band clamps to the specification shown.**

12. Reinstall the breather hose and secure it with the clamp.
13. For V6 vehicles, reinstall the air intake and breather hoses in the reverse order of removal (refer to air intake hose removal steps).
14. Perform the brake booster operation check procedure.

## BRAKE BOOSTER OPERATION CHECK



1. Carry out following simplified brake booster operation check:

(1) Run the engine for 1 to 2 minutes, and then shut it off. Depress the brake pedal using normal force. The test result is considered "Good" if there is a long pedal stroke at the start of the test, followed by a shorter stroke each time you depress the pedal. If the pedal stroke does not change, the test result is considered "No Good."

(2) With the engine off, depress the brake pedal several times. Keep the brake pedal depressed and start the engine. If the pedal stroke became longer, the test result is considered "Good." The test result is considered "No Good" if the pedal stroke does not get longer.

(3) With the engine running, depress the brake pedal. Stop the engine while holding the pedal. The test result is considered "Good" if the pedal height does not change for approximately 30 seconds. The test result is considered "No Good" if the pedal moves upward.

2. The brake booster is considered normal when the results of all the above tests are "Good."

When one or more of the above test results are "No good," then the check valve, vacuum hose or brake booster should be checked.

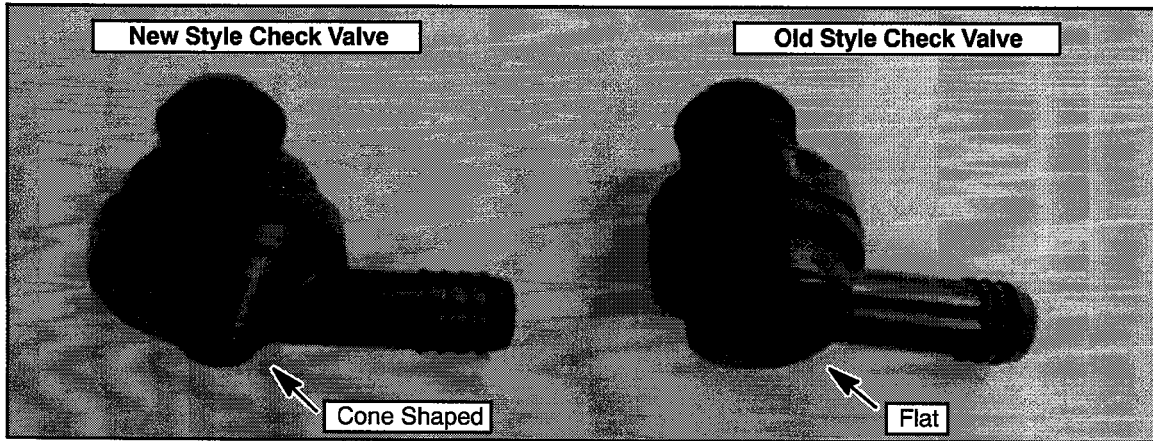
## PARTS INFORMATION

**PARTS MANAGER:** Refer to Parts Bulletin XX-XX-XX-XX for additional details.

A supply of Brake Booster Check Valves will be allocated to each dealer. Determine your actual needs before ordering additional parts.

### Required Parts:

Part #	Description
4630A187	Check Valve, Brake Booster



## RECALL CLAIM INFORMATION

*Campaign Labor Operation:* C0903S01

*Labor Time:* 0.3 hr.

### Required Part Numbers

Each repair requires the use of one Check Valve. Only one of this part number will be allowed on a claim. Check the part number against the part number on the related repair order.

**Claim only the one applicable part number from the "Required Parts" listed in the Parts Information Section.**

Please follow the service claim example shown on the following pages.

**Header Section Certain 2008-2009 LANCER & OUTLANDER -  
BRAKE BOOSTER CHECK VALVE REPLACEMENT**

MITSUBISHI DEALER LINK Service Warranty Help

Claim Entry Vehicle Information PQRVQR

**Campaign Information**

Campaign Operation No: C0903S

Miles/Km: [ ]

VIN: JA..... In

Service Technician: [ ] Emp No: [ ] Service Advisor: [ ] Emp No: [ ]

Spec Value \* [ ] Duplicate Recall \*

Dealer: 99320 Ref No: [ ] VIN: [ ]

Claim No: [ ] Adj: [ ] Claim Status: Incomplete Model and Year: [ ]

Save & Continue Main Menu

**Note:** In the very rare instances that it may be necessary to arrange towing and/or to provide a temporary rental / loaner vehicle to a customer. Please use the entry fields at the bottom of the campaign claim's labor section.

**Special Sublet Selection**

Select	Labor Operation	Labor Operation Description		Amount
<input type="checkbox"/>	SHO	SPECIAL HANDLING ORDER	SHO Parts Order [ ]	
<input type="checkbox"/>	RENTACAR	RENTAL CAR CHARGES	Days [ ] Reason [Select one] [ ] Rental Company [ ] Invoice Number [ ]	
<input type="checkbox"/>	95300040	FREIGHT CHARGES	Freight Company [ ] Invoice Number [ ]	
<input type="checkbox"/>	95200040	TOWING CHARGES	Towing Company [ ] Invoice Number [ ]	



**AFFECTED VEHICLES**

**MODELS:** 2008-2009 LANCER  
2008-2009 OUTLANDER

Date: May, 2009

Dear Mitsubishi Owner,

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

**Reason For Notice:** Mitsubishi Motors North America, Inc. (MMNA) has decided that a defect that relates to vehicle safety exists in certain 2008 and 2009 model year Lancer and Outlander vehicles. The brake booster check valve may remain closed after the engine is shut off. When the vehicle is re-started and put into motion, under certain driving conditions (very slow vehicle maneuvers), there may be insufficient initial braking assist, which may temporarily increase the stopping distance of the vehicle and therefore increase the risk of a crash.

**What you should do:** Please contact your Authorized Mitsubishi Dealer to schedule an appointment to have the brake booster check valve replaced on your vehicle, free of charge. When you bring your vehicle in, please show the dealer this letter. If you misplace this letter, the dealer will still inspect your vehicle and repair if necessary, free of charge.

**What your dealer will do:** The dealership will install a new brake booster check valve.

**How long will it take?** The time needed for the repair is approximately 30 minutes. The dealer may need your vehicle for a longer period of time due to service scheduling issues, but every effort will be made to minimize your inconvenience.

If you have any trouble having your vehicle repaired promptly and at no charge, please inform us by calling the Mitsubishi Customer Relations Department at **888-648-7820**.

Hours: Monday through Friday 6 a.m. to 5 p.m. (Pacific Time)

If, after contacting Mitsubishi Customer Relations, you still have a problem having this repair made promptly and without charge, write to the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Avenue SE, Washington, D.C: 20590, or call the toll-free Vehicle Safety Hotline at 1-888-327-4236 (TTY: 1-800-424-9153), or go to <http://www.safercar.gov>.

If you have already encountered a problem regarding the above and have paid for the repair, you may send your original receipts and/or other adequate proof of payment to the following address for reimbursement:  
Mitsubishi Customer Relations Department, P.O. Box 6400, Cypress, CA 90630-0064

**Notice to Lessors:** If you are a lessor of five or more leased vehicles as of the date of this letter, you have an obligation under federal law, (49 CFR Part 577), to provide the lessee of the above referenced vehicle with a copy of this letter by first class mail within ten days of receipt. Further, you must maintain a record, which identifies the lessee to whom you sent a copy of this letter, the date you sent it, and the vehicle identification number (VIN) of the subject vehicle.

We appreciate your prompt attention to this matter.

Sincerely,

Mitsubishi Motors North America, Inc.

C0903S01

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