



SAFETY RECALL BULLETIN

SUBJECT:		No:	SR-09-004
FUEL RETURN PIPE REPLACEMENT — SAFETY RECALL CAMPAIGN		DATE:	September, 2009
		MODEL:	See below
CIRCULATE TO:	<input 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 type="checkbox"/> SALES MANAGER

PURPOSE

The manner in which the fuel return pipe is attached to the engine, in combination with frequent driving at certain engine revolutions, may cause vibration that if continued over time, may cause a stress crack, which could result in fuel leakage. This bulletin describes how to install a new fuel return pipe and additional securing hardware to prevent this condition.

AFFECTED VEHICLES

2008–2009 Lancer Evolution
 2009 Lancer Ralliart
 2009 Lancer Sportback Ralliart (Canada only)

IMPORTANT

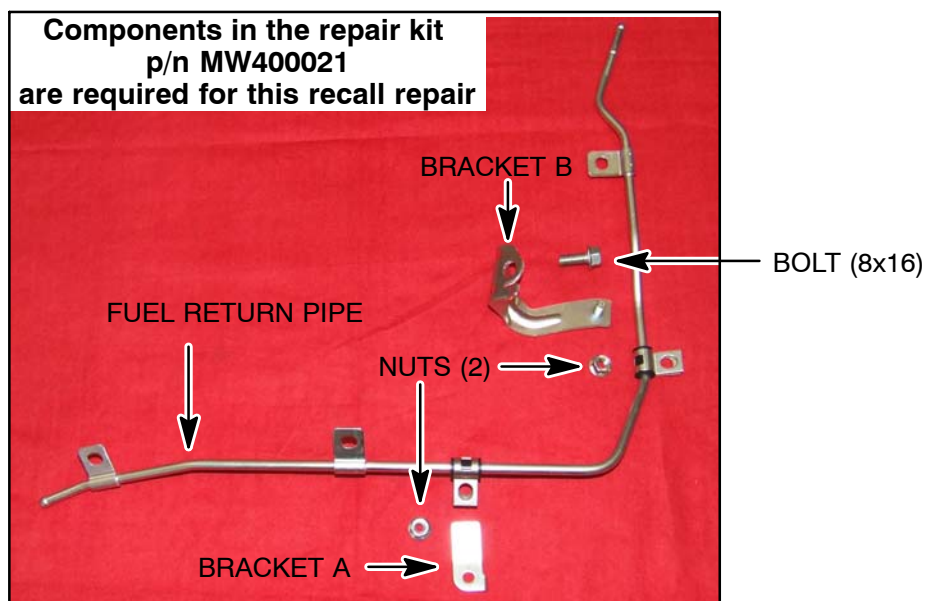
Affected new or used inventory vehicles must be repaired before the vehicle is sold. Dealers must check their inventory vehicles' VINs on the Warranty Super Screen to verify whether the vehicle is involved in this recall campaign.

CUSTOMER NOTIFICATION

A letter will be sent to all owners of affected vehicles telling them to bring their vehicle to their Mitsubishi Motors dealer for fuel return pipe replacement. A copy of the customer notification letter appears later in this bulletin.

REQUIRED OPERATIONS

Before starting this procedure, **CHECK ON 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.

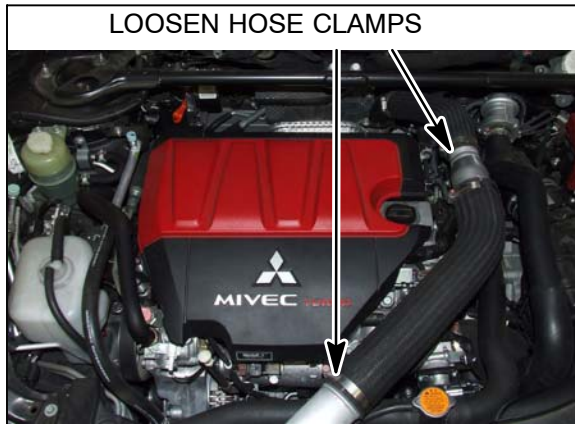


FILE UNDER:

Safety Recall Bulletins in the Dealer Service Information Binder

(3538)

1. Remove the fuel filler cap, then reinstall it. This will release pressure in the fuel tank and prevent fuel spray when the fuel return pipe is removed.



2. Remove the air intake hose by loosening the hose clamps.

⚠ CAUTION

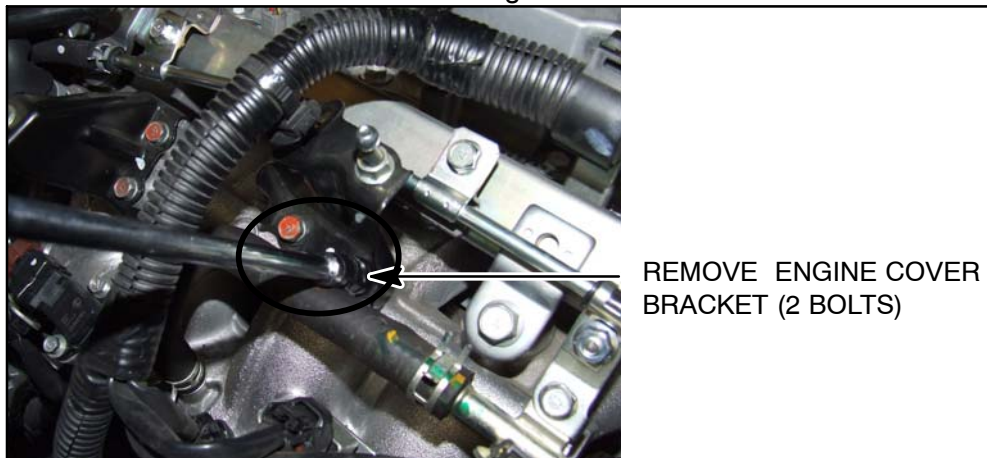
After removing the hose, apply tape to cover the intercooler pipe and hose, to prevent entry of foreign material during this repair.

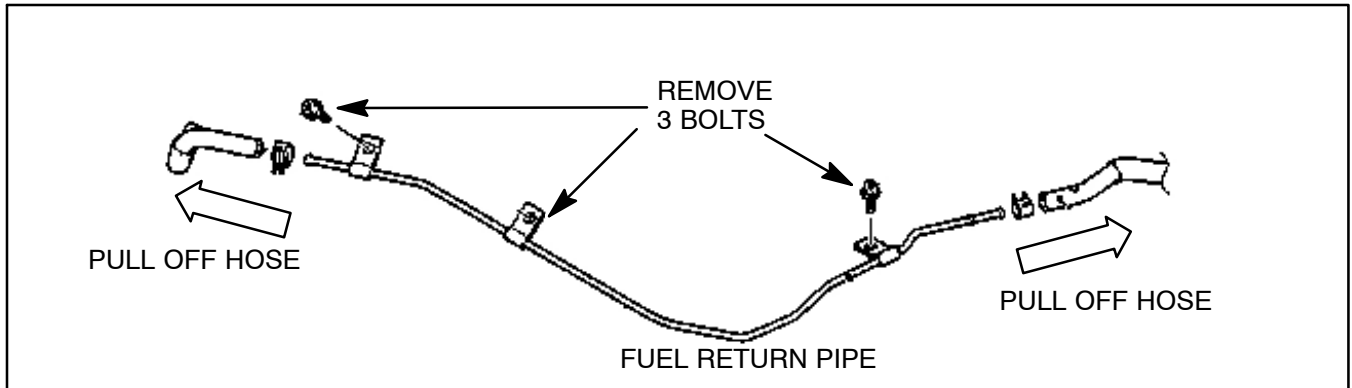
3. Remove the engine cover.



4. Remove the harness clips to access the fuel return pipe.

5. Remove the two bolts from the engine cover bracket.





6. Loosen the hose clamps at both ends of the fuel return pipe and pull off the hoses. Then remove the three bolts securing the pipe and remove the pipe from the engine compartment.

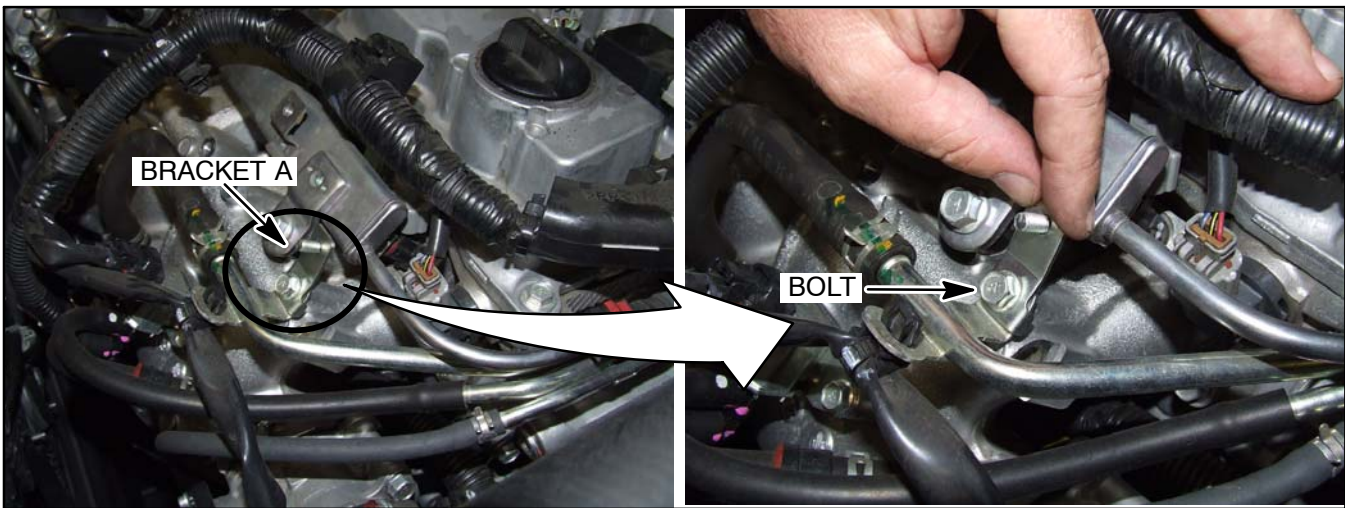
⚠ WARNING

Some fuel leakage may occur. Cover the pipe ends and hoses with a cloth.



7. Remove the bolt for the vacuum pipe located in front of the engine. Retain this bolt.

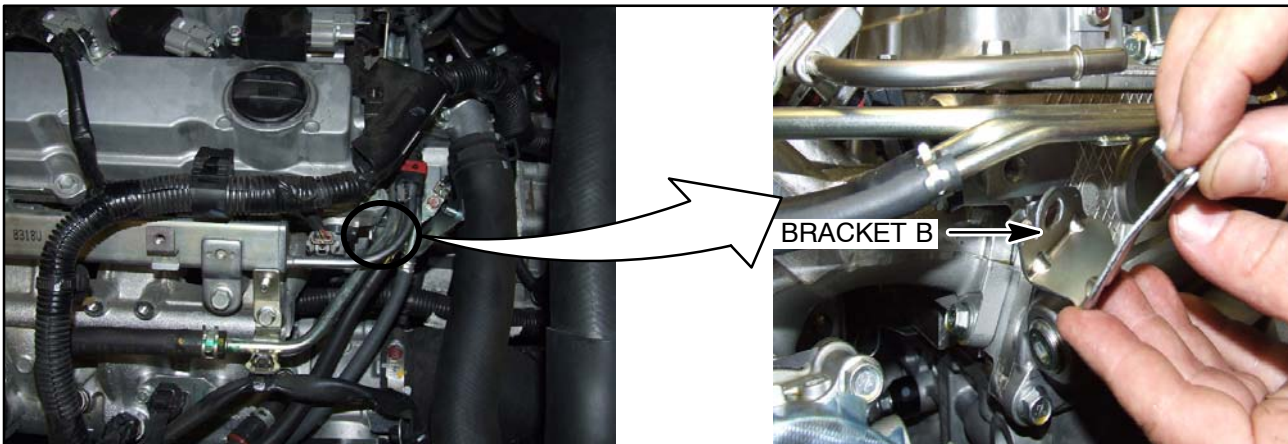
Use this bolt to secure Bracket A (small bracket provided in the repair kit) in the same location. Do not torque the bolt yet (finger-tight only).



8. Remove the bolt for the vacuum pipe located at the LH side of the engine. Install Bracket B (large bracket provided in the repair kit) using the new 8X16 bolt provided in the repair kit. Tighten the bolt to $23.5 \text{ Nm} \pm 3.5 \text{ Nm}$ ($16.5 \pm 2.6 \text{ ft/lb.}$).

CAUTION

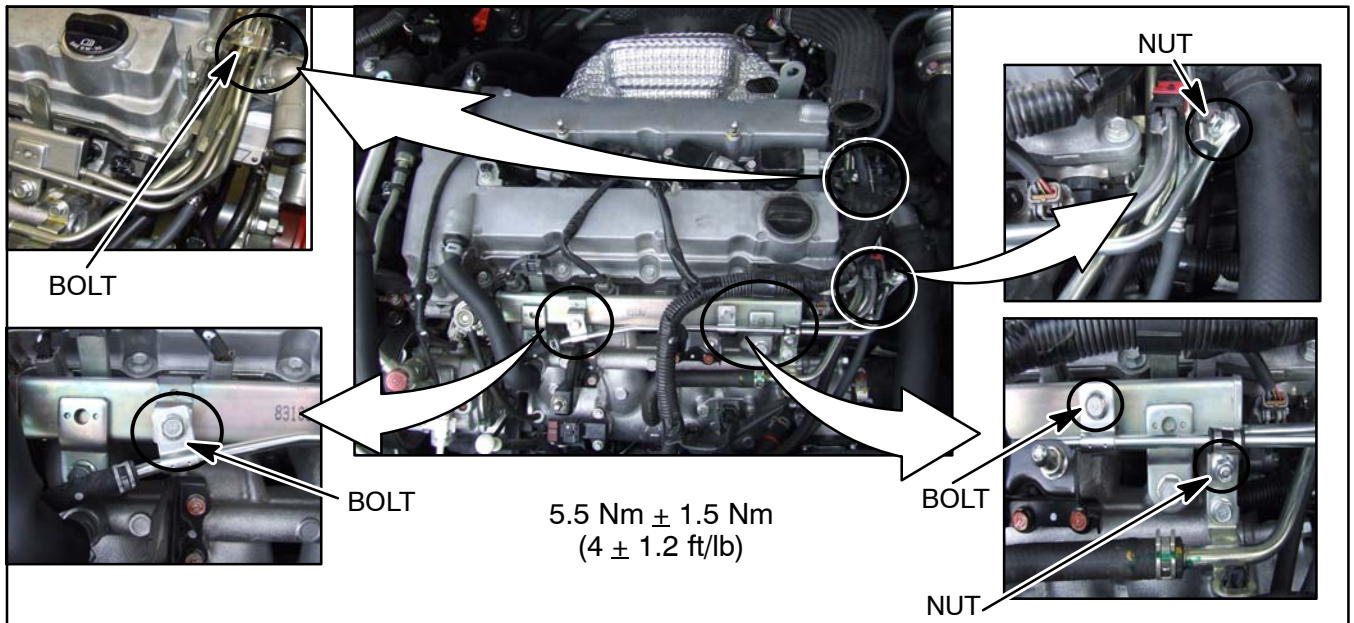
Be sure to use the new, longer bolt (size 8X16) provided in the kit for Bracket B (large bracket). Discard the old 8X14 bolt.





9. Torque the bolt securing Bracket A (small bracket) to $10 \text{ Nm} \pm 2 \text{ Nm}$ ($7.5 \pm 1.5 \text{ ft/lb}$ or $90 \pm 18 \text{ in/lb}$).

10. Install the new fuel return pipe provided in the kit. Secure it with 3 bolts and two nuts tightened to $5.5 \text{ Nm} \pm 1.5 \text{ Nm}$ ($4 \pm 1.2 \text{ ft/lb}$ or $48 \pm 14 \text{ in/lb}$).

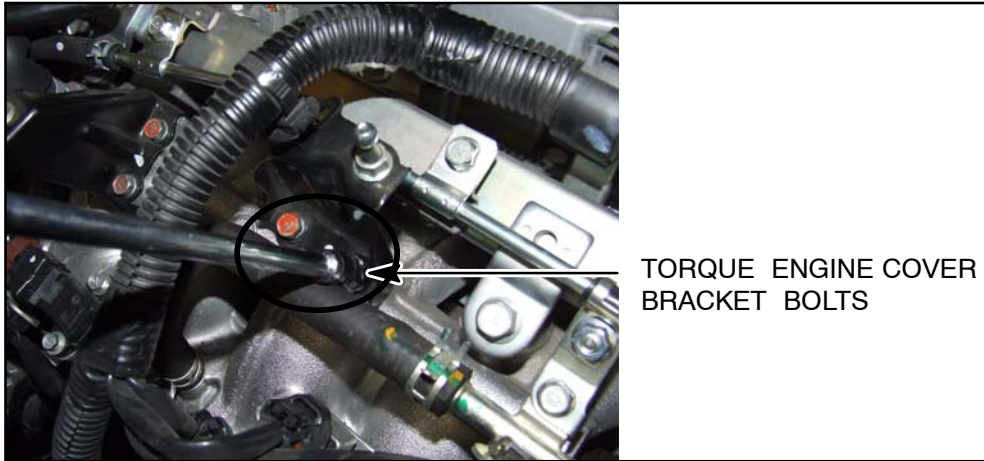


11. Connect the hoses to both ends of the new fuel return pipe. **DO NOT APPLY ANY LUBRICANT TO THE HOSES.** Reinstall the hose clamps.

⚠ CAUTION

Be sure the hoses are fully inserted onto the new fuel return pipe and the hose clamps are securely installed in the correct locations.

12. Torque the two bolts for the engine cover bracket to $8 \text{ Nm} \pm 2 \text{ Nm}$ ($6 \pm 1.5 \text{ ft/lb}$ or $72 \pm 18 \text{ in/lb}$).



13. Reinstall the harness clips.
14. Confirm that all attaching hardware in the engine compartment has been securely installed.
15. Remove the tape that was applied in Step 2. Then reinstall the air intake hose. **DO NOT APPLY ANY LUBRICANT TO THE HOSE.**

⚠ CAUTION

Be sure the air intake hose is fully installed and the hose clamps are securely installed in the correct locations.

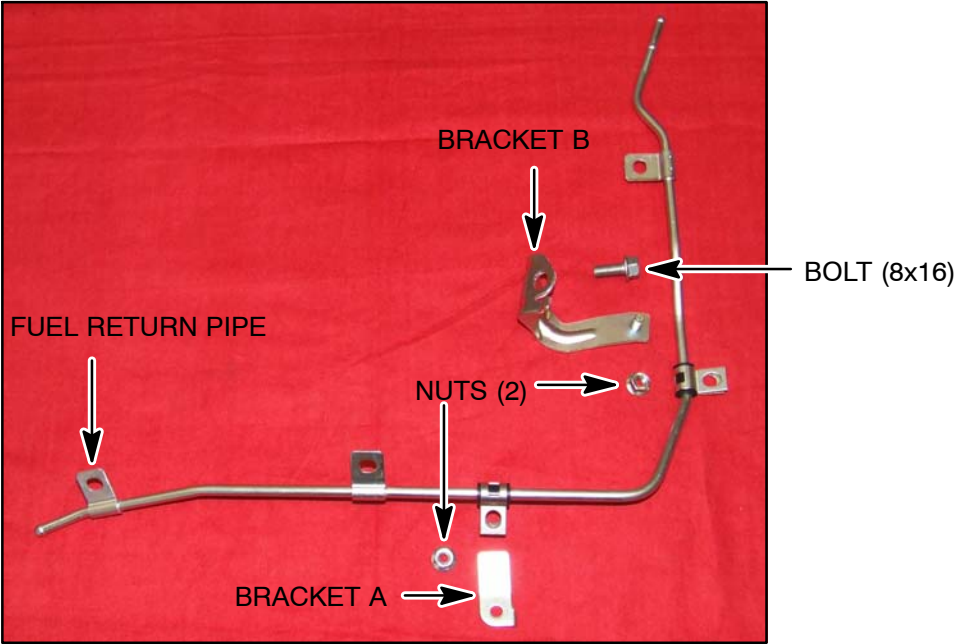
16. Start the engine and allow to idle for one minute. Confirm there is no fuel leakage at the fuel return pipe and hose connections.
17. Turn off the engine. Reinstall the engine cover.

PARTS INFORMATION

A supply of repair kits will be allocated to each dealer. Determine your actual needs before ordering additional parts. Refer to Parts Bulletin XX-XX-XX-XX for additional details.

Use the genuine Mitsubishi Parts listed below.

Description	Part Number
Fuel Return Pipe & Bracket Kit Kit contains 1 fuel return pipe, 2 brackets, 1 bolt, 2 flange nuts	MW400021



RECALL CLAIM INFORMATION

Enter as a "Recall" claim on the MDL. Sample claims screens are shown on the following pages.

Use Campaign Labor Operation Number C0904W01
Allowed Labor Time: 0.6 hrs.

Mitsubishi Motors North America, Inc.

The information contained in this bulletin is subject to change. For the latest version of this document, go to the Mitsubishi Dealer Link, MEDIC, or the Mitsubishi Service Information website (www.mitsubishitechinfo.com).

**Header Section: 2008-09 Lancer Evolution & 2009 Lancer Ralliart
Fuel Pipe & Bracket Kit Replacement**

Service Warranty

Enter the first 6 characters of the campaign labor operation. There is only 1 selection available for this recall campaign.

Campaign Information

Campaign Operation No: **C0904W**

Miles/Km: []

VIN: **JA.....**

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: []

Buttons: Save & Continue, Main Menu

Note: In very rare instances it may be necessary to arrange towing and/or provide a temporary rental/loaner vehicle to a customer. Please use the entry field 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 []	[]

CLAIM EXAMPLE: FUEL RETURN PIPE & BRACKET KIT - PARTS SECTION

Recall Claim
warranty claim

MITSUBISHI DEALER LINK

Claim Entry Vehicle Information e-Reports DMS Interface PQR/VQR

Add Page - Parts Information

Vehicle Page Completed: Claim Status is Incomplete.

You must replace the Fuel Return Pipe & Bracket Kit on all involved vehicles. Use this part number only: **MW400021**
No other parts are allowed or required.

De	Qty = 1	Part Amount
1.		
2.		
3.		
4.		
5.		
6.		
7.		

Check Part Prices Save & Continue More Parts Main Menu Cancel Changes

LABOR SECTION: LABOR FOR THE INSPECTION with REPAIR

Recall Claim

MITSUBISHI DEALER LINK

Claim Entry Vehicle Information e-Reports DMS Interface PQR/VQR

Add Page - Labor Information

Parts Cancelled; Claim Status is Incomplete

Note: These entries will automatically be filled in based on the campaign number you entered on the previous screen.

C0904W01	1	Amt	Total Hrs	Labor Amt
			??	

Verity C0904W01 comes up as the full campaign labor operation number.

Qty of 1

Labor Time:
Lancer Evolution- .6 hr.
Lancer Ralliart - .6 hr.

Total Labor Amount

Update Finish PWA Main Menu Cancel Changes