



SAFETY RECALL BULLETIN

TECHNICAL INFORMATION

SUBJECT:		No:	SR-03-001
THROTTLE ICING CONDITION — SAFETY RECALL CAMPAIGN		DATE:	January, 2003
		MODEL:	2003 Outlander
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

BACKGROUND INFORMATION

03V-028

Mitsubishi Motors North America, Inc. is voluntarily recalling certain 2003 Outlanders for possible throttle icing condition in low ambient temperatures. In extremely low temperatures, ice can build up inside the engine throttle valve, and may cause the accelerator pedal to stick or not to return to idle after accelerating. This condition can be eliminated by reprogramming the software parameters for EGR control in the PCM as described in this bulletin.

AFFECTED VEHICLES

2003 Outlander models produced before 1/30/03

A list of VINs for vehicles shipped to your dealership is provided with this recall bulletin.

⚠ WARNING

Effective immediately, affected vehicles in dealer stock must be inspected/repared before the vehicle is sold. Affected vehicles may be in transit to your dealership; all vehicles produced before January 30, 2003 must be checked on the Warranty Super Screen to determine whether this reprogramming has been completed. Dealers must check all their inventory vehicles' VINs on the Warranty Super Screen to verify whether the vehicle is an affected VIN for 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 to have the PCM reprogrammed. A copy of the customer notification letter appears later in this bulletin.

REQUIRED OPERATIONS

Before starting this 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.

⚠ CAUTION

BATTERY VOLTAGE (AS MEASURED AT THE BATTERY POSTS WITHOUT ELECTRICAL LOAD) MUST BE 12.4V OR HIGHER IN ORDER TO REPROGRAM THE PCM.

1. Use the MUT-II to read the ECU part number as described below, then refer to Step 3 to determine the appropriate ROM pack database number.
 - a. With the MUT-II connected, turn the ignition key to ON.
 - b. At the MAIN MENU, select "1. System Select" and press Yes.
 - c. Select "MFI" and press Yes.
 - d. Select "Mitsubishi MFI" and press Yes.

FILE UNDER:

Safety Recall Bulletins In the Dealer Service Information Binder

(2542)

- e. At the OBD-II check code screen, press **Yes**.
- f. At the Readiness Tests status screen, press **Yes**.
- g. At the MFI Main Menu screen, press **S**.
- h. At the Check Code screen, press the right arrow **▶**.
- i. The ECU part number and ROM ID will display. Note the part number and refer to Step 3 to select the appropriate ROM pack database.

2. Gather the following reprogramming equipment:

Interface cartridge (red label)	MB991711
256 KBYTE IC Memory Card (red)	MB991717
ROM Pack (red label)	MB991701
Adapter tool (shipped to all dealers with TSB-09-13-001 in early January)	MB991855
"Engine Compartment" and "Control Module" Labels	Part No. MSSF-023G-00A

3. Select the appropriate red label ROM pack database:

Vehicle	ECU P/N	Red Label ROM Pack	Database
Outlander 2WD	MN122009	MB991701	RN03011
Outlander AWD	MN122010	MB991701	RN03012

IMPORTANT

Dealers must update ROM packs as needed, depending on vehicle repair requirements for PCM software updates.

For instructions on updating ROM packs using MEDIC, and for current database information:

- 1) From the MEDIC Main Menu, select "MUT-II ROM Pack Re-writes."
- 2) Select "ROM Pack Information."

When updating the ROM packs for this bulletin, use the following passwords:

Database Number	Password
RN03011	0532
RN03012	1132



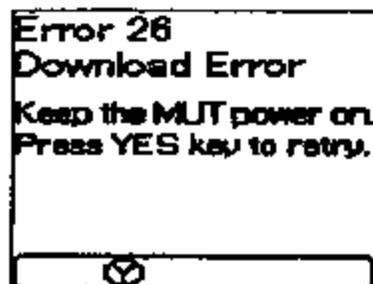
4. Connect adapter tool MB991855 to the MUT-II as shown. Install the red label interface cartridge to the MUT-II. Then install the 256 KBYTE red memory card and the red label ROM pack. **Use the ROM pack with the appropriate database number.**

5. Connect the MUT-II to the vehicle. Connect **both** the 16-pin and the 13-pin data link connectors.
6. Turn the ignition key to ON. **DO NOT START THE VEHICLE.**

⚠ CAUTION

DO NOT DISTURB THE HARNESS CABLES OR CONNECTIONS. INTERRUPTION DURING THE PROGRAMMING PROCESS COULD CAUSE THE PCM TO LOSE DATA OR PREVENT FUTURE PCM REPROGRAMMING.

7. Select "MFI". Then press "YES". The MUT-II will take a few seconds to verify the ROM ID.
8. **If either of the following messages display, STOP! Do not continue with this procedure:**
 - a. If the PCM has already been reprogrammed, the MUT-II will display "This ECU has already been reprogrammed." Do not continue with this procedure.
 - b. If the PCM was manufactured with the latest software update, the MUT-II will display "ECU data for above part # and ROM-ID is not available." Do not continue with this procedure.
9. If the MUT-II displays "Reprogramming is not possible on this ECU," **verify that the correct ROM pack is installed.**



10. If the ECU can be reprogrammed, the MUT-II will display, "Do you want to reprogram this ECU?" Press "YES".

If an "Error 26 Download Error" screen displays, simply press "YES" to continue.

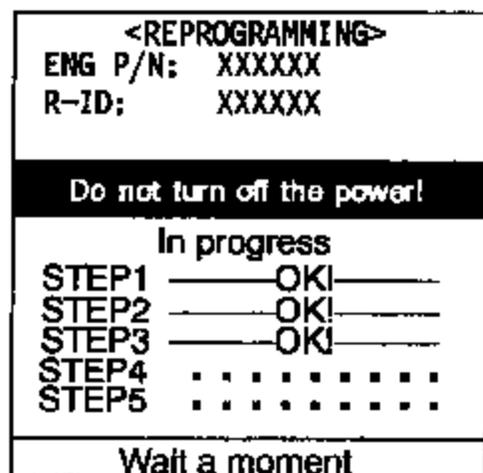
⚠ CAUTION

DO NOT DISCONNECT THE MUT-II CABLE. IF THE MUT-II IS DISCONNECTED AT THIS TIME, THE PCM WILL BE DAMAGED AND MUST BE REPLACED.

11. The MUT-II will display this screen as it reprograms the PCM. It will take approximately 18 minutes to complete.

⚠ CAUTION

DO NOT DISTURB THE HARNESS CABLES OR CONNECTIONS. INTERRUPTION DURING THE PROGRAMMING PROCESS COULD CAUSE THE PCM TO LOSE DATA OR PREVENT FUTURE PCM REPROGRAMMING.



<REPROGRAMMING>

ENG P/N: XXXXX
R-ID: XXXXX

Completed!

Turn off IG, disconnect
MUT-II, then confirm
normal system operation

©

12. When the reprogramming process is finished, the MUT-II screen will display "Completed." Press "C".

If reprogramming does not complete, turn the key off and repeat this process from Step 6.

To verify the correct reprogramming has been made, the ROM ID number will display on the MUT-II screen. The table below lists the ECU part numbers, ROM ID numbers, and vendor codes that should display after reprogramming. Note these numbers.

Database #RN03011	PCM P/N	PCM P/N DISPLAYED ON MUT-II		Vendor Code
		PCM P/N	ROM ID	
Outlander 2WD	MN122009	MN122009	804321 (ENG)	E6T36481H30

Database #RN03012	PCM P/N	PCM P/N DISPLAYED ON MUT-II		Vendor Code
		PCM P/N	ROM ID	
Outlander 4WD	MN122010	MN122010	804422 (ENG)	E6T36482H30

13. Turn the ignition key to OFF and disconnect the MUT-II. Reprogramming is complete.

THE FOLLOWING STEPS ARE REQUIRED BY LAW:

14. Using a ball-point pen, enter the appropriate PCM part number, vendor number, ROM ID#, this recall bulletin number (SR-03-001), your dealer code, and the current date on the Engine Compartment Label (part no. MSSF-023G-00A).

 MITSUBISHI <small>Power, Passion & Precision</small>	AUTHORIZED MODIFICATIONS	These Modifications Have Been Approved as Appropriate by EPA and CARB	AUTHORIZED MODIFICATIONS
THE FOLLOWING MODIFICATIONS HAVE BEEN MADE:			
PART NUMBER TSB ENG A/T	VENDOR CODE	ROM ID# ENG A/T	P/N Vndr Code TSB Dir Code Date
DEALER CODE		DATE / /	
<i>Engine Compartment Label</i>			<i>Control Module Label</i>

The "Control Module" label will NOT be used for this bulletin. Discard this label.

15. Carefully remove all dirt and oil from a vacant area near the VECI label on the underside of the hood, and affix the Engine Compartment label.

WARRANTY INFORMATION

Claims for this campaign must be entered as Recall type "C" claims. Sample claim screens are shown on the next pages.

Reprogram PCM for Throttle Icing - Includes ROM pack update if necessary

Campaign Labor Operation: C0301ZXX Time Allowance: 0.4 hrs.

No parts may be claimed on the campaign claim.

Mitsubishi Motors North America, Inc.

SERVICE CAMPAIGN CLAIM SAMPLE - LABOR OPERATION = C0301ZXX

ADVANCED DIAMOND NET SCREENS FOR RECALL CLAIMS

SERVICE MENU - SELECT RECALL CLAIM (C)

NOTE: THE ENTRIES IN THIS EXAMPLE ALSO APPLY TO WEB CLAIM SYSTEM DEALERS.

ENTER THIS CLAIM AS RECALL CLAIM TYPE 'C' ONLY.

RECALL CAMPAIGN CUSTOMER / REPAIR INFO SCREEN

FILL IN ALL OF THE REQUIRED OWNER INFORMATION ITEMS INCLUDING PHONE NUMBER.

Be sure the vehicle is actually involved in this campaign. Check the Super Screen to be sure.

Click on "Parts & Labor Detail Info" tab to get the detail screen

RECALL CAMPAIGN CLAIM PARTS AND LABOR DETAIL INFO SCREEN:

USE C0301ZXX TO REPROGRAM THE ECU ON ALL INVOLVED VEHICLES

Recall Claim (U) Entry Advanced Diagnostic Network System v1.0

Claim Number: Claim Type:
 Repeat Vehicle: Repair: PWA:
 Repair Date: VIN:

Verify the vehicle is actually involved in this campaign by checking the Superscreen.

REPROGRAM THE ECU

Line	Part Number	Qty	Cost	Sub	Description	Qty	Hr Rate	Amount	Delete
A					C0301ZXX	1	0.4		1

No parts are necessary for this campaign

Enter C0301ZXX

Enter a qty of 1 x .4 hrs. labor times your dealership's warranty labor rate.

Detail Lines: Total Parts: Total Labor:

Page:

WEB BASED CLAIM SYSTEM - RECALL CLAIM SCREENS

Header Section

MITSUBISHI DEALER LINK Service Warranty Warranty Claim

Enter in the first 6 characters of the campaign labor operation

Campaign Information

Campaign Operation No: C03017
 Only VINs that start with JA
 Repair As Order As TSB

Miles/Km: Repair Order No: C12345

VIN: JA..... Repair Date In: Repair Date Out:

Service Technician: Emp No: Service Advisor: Emp No:

Spec Value * Duplicate Recall *

Under Claim No: W0370 Ref No: VIN:
 Claim Status: Incomplete Model and Year:

Save & Continue Main Menu

Parts Section

MITSUBISHI DEALER LINK Service Warranty Warranty Claim

Add Page - Parts Information

Delete	Part No	Part Description	Qty	Unit Price	Part Amount	Primary
1.						<input type="checkbox"/>
2.						<input type="checkbox"/>
3.						<input type="checkbox"/>
4.						<input type="checkbox"/>
5.						<input type="checkbox"/>
6.						<input type="checkbox"/>
7.						<input type="checkbox"/>

No parts are necessary for this campaign

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



AFFECTED VEHICLES
MODEL: 2003 OUTLANDER

January 29, 2003

RE: IMPORTANT SAFETY RECALL NOTIFICATION: SR-03-001

Dear Mitsubishi Outlander Owner:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act. Mitsubishi Motors North America, Inc. has determined that a defect that relates to vehicle safety exists in certain 2003 Outlander models.

What is the safety issue? There is a possibility that during extremely low temperature conditions, ice can build up inside the engine throttle valve. This ice build-up may cause the accelerator pedal to stick or not to return to idle after accelerating. Failure to return to idle could result in a vehicle crash without prior warning.

What you should do: Please call your Mitsubishi retailer immediately to schedule a repair date. When you bring your vehicle in, show the retailer this letter. (If you misplace this letter, the retailer will still make the repair, free of charge.)

Until you have this recall completed, there are a few things you can do to minimize the possibility of ice on the throttle valve. Before starting your vehicle on a cold morning or after it has cooled down on a cold day, you should check the throttle for binding by pressing on it or the If you do not detect any binding, start the vehicle and allow it to warm up for 3 to 10 minutes, or to approximately half way on the temperature gauge.

What your retailer will do: The retailer will reprogram the engine control computer in your vehicle to eliminate this condition.

How long will it take? The time needed for the actual repair is about 30 minutes. While your retailer may need your vehicle for a longer period of time due to service scheduling issues, every effort will be made to minimize your inconvenience or delay.

What if I live in a warm climate? Even if you live in a warm climate, it is important that you have this recall completed, since you never know when you may be travelling to a cold-weather climate.

Have you changed address or sold your vehicle? If you have changed your address or sold the vehicle, please fill out the enclosed postcard and mail it to us.

If you have any trouble getting your vehicle repaired promptly and at no charge, or if you have already paid to have this condition repaired, you can seek a refund by contacting Mitsubishi Customer Connections at (888) MITSU-2003 (888-648-7826) Hours: Monday – Saturday 7 a.m. to 10 p.m. (Central Standard Time).

If after contacting Mitsubishi Customer Connections, you still have a problem having your vehicle repaired promptly and without charge, write to the Administrator, National Highway Traffic Safety Administration, 400 Seventh Street SW, Washington, D.C. 20590, or call the Auto Safety Hotline toll-free (888) 327-4236.

Mitsubishi is committed to making your safety our first concern, and we sincerely regret the inconvenience to you caused by this recall.

(Notice to Lessees: If you are a lessee 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. Also, 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.)

Sincerely,

Richard Donnelson
Director, Service and Product Support

SR-03-001
C0301ZXX