

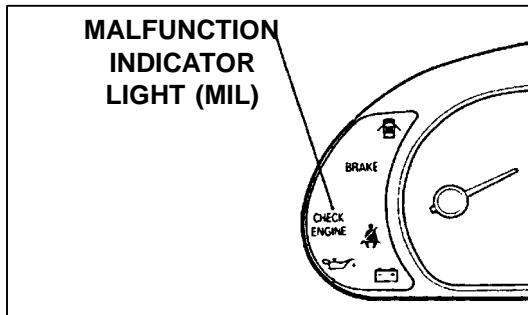
EMISSIONS RECALL BULLETIN

SUBJECT: 1996 MODELS; MIL COMMAND "ON" WITH NO MIL ILLUMINATION — EMISSIONS RECALL			No: EMR-02-001
			DATE: December, 2002
			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

Mitsubishi Motor Sales of America, Inc. (MMSA) is recalling certain 1996 model year vehicles for an OBD-II/emissions related condition. The Environmental Protection Agency (EPA) and the California Air Resources Board (CARB) have been notified about this recall.

BACKGROUND INFORMATION



Symptom/Condition

During a State Inspection and Maintenance (I/M) program that uses the OBD II system for pass/fail determination, some early production 1996 model year vehicles may fail. The failure occurs when the MIL status is ON (MIL Commanded On), but the MIL ("Check Engine" light) is not illuminated.

Remedy

Using the MUT-II scan tool, check the OBD II system for a MIL status ON condition on the affected vehicle. If the MIL status ON condition is present and the MIL is not illuminated, replace the ECM with the new updated part.

NOTE:

Not all vehicles will require ECM replacement. Be sure to follow the test instructions closely to determine if a particular vehicle does indeed need a new ECM.

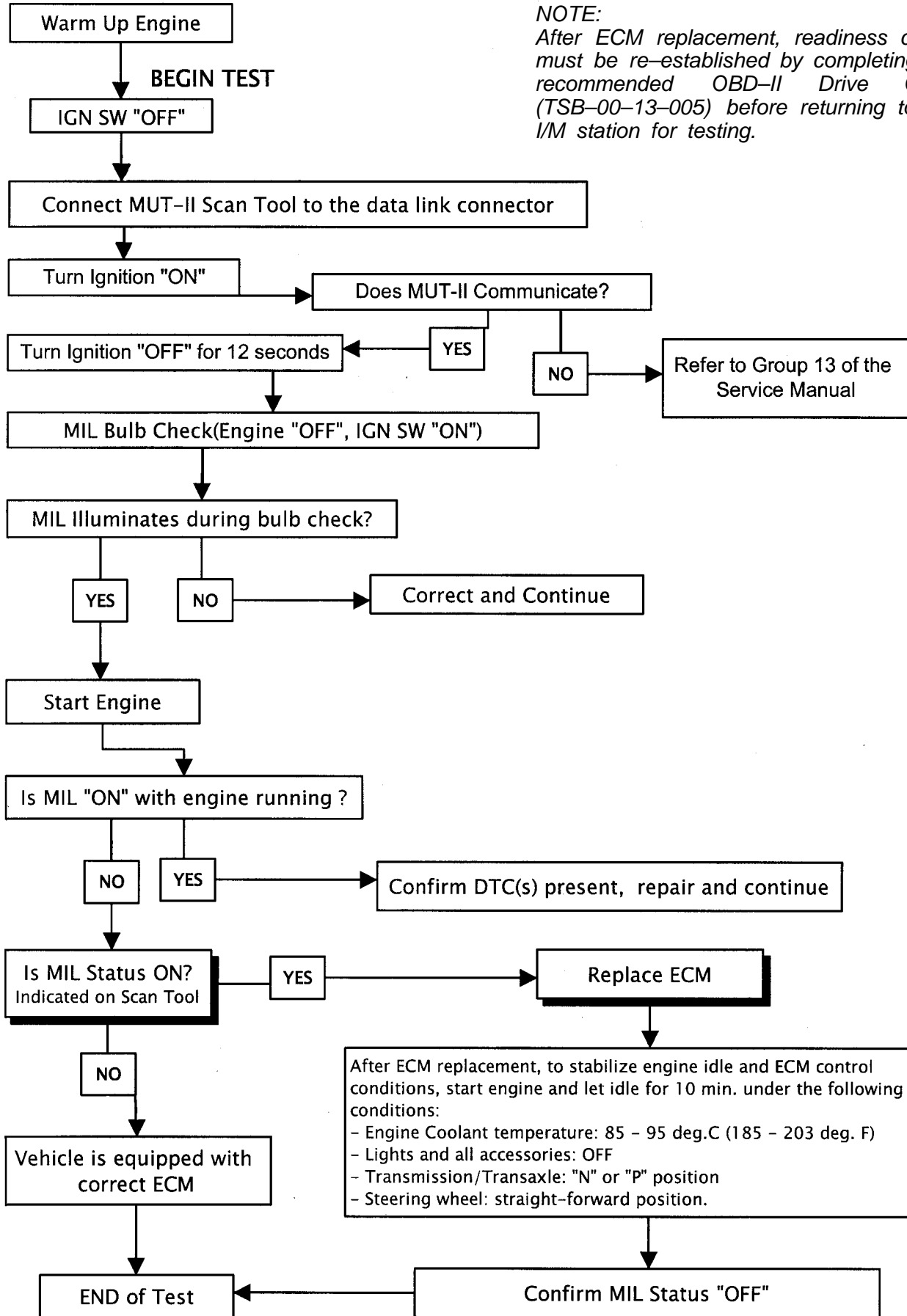
AFFECTED VEHICLES

- 1996 3000GT (All)
- 1996 3000GT Spyder (CA)
- 1996 Diamante (FED)
- 1996 Eclipse GST & GSX 2.0L Turbo (All)
- 1996 Eclipse Spyder 2.0L Turbo
- 1996 Galant (FED) – both MMC production (VIN: JA—) and MMMA production (VIN: 4A—)
- 1996 Mighty Max Pickup Truck 2.4L (All)
- 1996 Mirage 1.5L (CA)
- 1996 Mirage 1.8L (All)
- 1996 Montero 3.0L & 3.5L (All)

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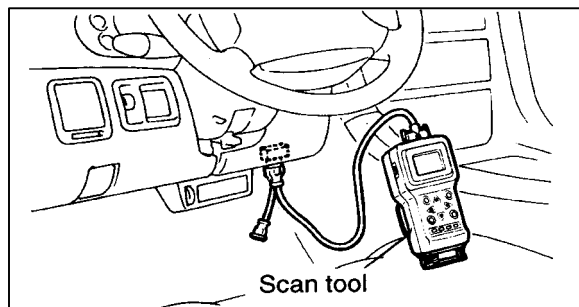
FILE UNDER:	Emission Recall Bulletins in the Dealer Service Information Binder (2493)
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NOTE:
After ECM replacement, readiness codes must be re-established by completing the recommended OBD-II Drive Cycle (TSB-00-13-005) before returning to the I/M station for testing.



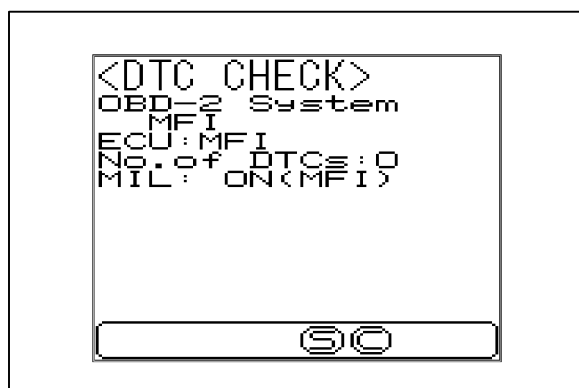
PROCEDURE

Refer to the flow chart and the following steps to determine if the vehicle requires replacement of the ECM.



1. Make sure the ignition is in the OFF position, then connect the MUT-II scan tool to the data link connector. Turn the ignition switch ON. Confirm the MUT-II scan tool communicates properly. Turn the ignition switch OFF for 12 seconds, then proceed with Step 2.

2. Check the MIL ("Check Engine" light) with IGN ON and engine OFF. Does the MIL illuminate momentarily? If YES, proceed to Step 3. If NO, repair the condition. Check the MIL again and then continue.
3. Start engine. If the MIL illuminates with the engine running, refer to service manual section 13 to correct any existing DTC(s), then continue. If the MIL does not illuminate, go to Step 4.



4. With the MUT-II scan tool, check for MIL status ON (see note below). If MIL status is ON, and the "Check Engine" light is not illuminated, go to Step 5 (replace the ECM). If MIL status is OFF, the vehicle has the correct ECM and no further action is needed.

NOTE:

Location of MIL status using MUT-II:

- a. Select MFI
- b. Select DTC, and read MIL status.

5. Refer to the chart in the PARTS INFORMATION section of this bulletin and choose the correct ECM for the vehicle you are repairing.

THE FOLLOWING THREE STEPS ARE REQUIRED BY LAW.

6. Using a ball-point pen, enter the appropriate ECM part number, this Emissions Recall Bulletin number (EMR-02-001), your dealer code, and the current date on the "Control Module" Label (part no. MSSF-024G-00).

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

The "Engine Compartment" label will not be used for this bulletin. Discard this label.

Continued

7. Place the "Control Module" label on the new ECM.

8. FOR VEHICLES REGISTERED IN CALIFORNIA ONLY – Complete and provide to the vehicle owner a VEHICLE EMISSION RECALL – PROOF OF CORRECTIONS FORM.

9. Refer to section 13 of the service manual for ECM location and procedures. Replace the ECM with the new, updated ECM.

10. After ECM replacement, engine idle may be unstable. To stabilize engine idle and ECM control conditions, start the engine and let it idle for 10 minutes under the conditions shown below:

- Engine Coolant temperature: 85 – 95°C (185 – 203°F)
- Lights and all accessories: OFF
- Transmission/Transaxle: "N" or "P" position
- Steering wheel: straight-forward position.

NOTE:

After ECM replacement, readiness codes must be re-established by completing the recommended OBD-II Drive Cycle (TSB-00-13-005) before returning to the I/M station for testing.

PARTS INFORMATION

Use the genuine Mitsubishi Part listed below.

Model Application	New ECM Part Number	Vehicle Manufacturer	VIN Identifier
3000GT & Spyder (CA) 3.0L DOHC	MD319638RR	MMC	JA—
3000GT & Spyder (CA) 3.0L Turbo	MD319639RR	MMC	JA—
Diamante 3.0L SOHC (FED)	MD319634RR	MMC	JA—
Eclipse GSX, 2.0L Turbo	MD321911RR	MMMA	4A—
Eclipse/Eclipse Spyder GST, 2.0L Turbo	MD321912RR	MMMA	4A—
Galant 2.4L (FED)	MD320472RR	MMMA	4A—
Galant 2.4L (FED)	MD320472RR	MMC	JA—
Mighty Max Truck 2.4L	MD318462RR	MMC	JA—
Mirage 1.5L (CAL)	MD322848RR	MMC	JA—
Mirage 1.8L (FED)	MD326881RR	MMC	JA—
Mirage 1.8L (CAL)	MD326880RR	MMC	JA—
Montero 3.0L (CAL)	MD319641RR	MMC	JA—
Montero 3.0L (FED)	MD319642RR	MMC	JA—
Montero 3.5L (All)	MD319640RR	MMC	JA—

The required "Control Module" label is available from MMSA Parts Department. Order by part number MSSF-024G-00 (see Step 6).

NOTE: When ordering an updated ECM, be sure you include the 'RR' suffix at the end of the part number. Some of the new parts may, however, have only an 'R' suffix on the part number stamped on the part itself.

WARRANTY INFORMATION

Claims for this campaign must be entered as Recall Type “C” claims on your Diamond Network Service Menu. Sample claim screens are shown on the next pages.

MIL “Command ON” Test or Test & Repair (ECM Replace)

Please Be Sure to Use the Correct Labor Operation No.			Labor Hours	
MODEL	VIN Identifier	Campaign Operation No.	Test Only	Test & Replace ECM
Mirage	JA—	C0204MXX	0.3 hours	0.7 hours
Diamante	JA—		0.3 hours	0.8 hours
3000GT	JA—		0.3 hours	0.7 hours
3000GT Spyder	JA—		0.3 hours	0.7 hours
Mighty Max	JA—		0.3 hours	0.7 hours
Montero	JA—		0.3 hours	0.7 hours
Galant	JA—		0.3 hours	0.9 hours
Galant	4A—	C0205AXX	0.3 hours	0.9 hours
Eclipse	4A—		0.3 hours	1.0 hours
Eclipse Spyder	4A—		0.3 hours	1.0 hours

Warranty Coverage: Emissions, 8 years/80,000 miles.

Special Warranty Information: Normal warranty procedures apply.

Mitsubishi Motor Sales of America, Inc.

SERVICE CAMPAIGN CLAIM SAMPLE

ADVANCED DIAMOND NET SCREENS FOR RECALL CLAIMS (ALSO APPLIES TO WEB BASED CLAIMS)

SERVICE MENU - SELECT RECALL CLAIM (C)

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

**FOLLOW THIS CLAIM EXAMPLE FOR: MMC BUILT MODELS
(ALL VINS THAT START WITH 'JA')**

**RECALL CAMPAIGN CLAIM PARTS AND LABOR DETAIL INFO SCREEN:
USE C0204MXX TO TEST AND IF NECESSARY REPLACE THE ECM.**

Recall Claim (C) Entry - Advanced Diamond Network System v1.03

Vehicle

Service

Parts

Comm

Reports

Interface

Profile

Financial

Help

Exit

Claim Number: Claim Type:

Repeat: Vehicle Repair PWA:

Repair Date: VIN:

Customer / Repair Info
Parts & Labor Detail Info

INSPECT AND INSTALL THE PROTECTOR FOR THE FRONT HARNESS

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

Line	Part Number	Qty	Cost	Sub	Operation	Qty	Lbr Hours	Amount	Delete
A	<input type="text"/>	<input type="text"/>	<input type="text"/>		C0204MXX	1	??	<input type="text"/>	<input type="text"/>

MMC MODELS ONLY

Do not claim any parts if the ECM tested OK.

Enter: **Applicable** ECM part number if ECM tested defective and was actually replaced.

Enter **C0204MXX**

Enter a qty of 1 x .3 hrs. labor x your dealership's warranty labor rate IF the ECM tested OK.

If the ECM required replacement, see chart on page 5.

Detail Lines: Total Parts:

Total Labor:

Page

**FOLLOW THIS CLAIM EXAMPLE FOR: MMMA MODELS
ALL VINS THAT START WITH '4A'**

**RECALL CAMPAIGN CLAIM PARTS AND LABOR DETAIL INFO SCREEN:
USE C0205AXX TO TEST AND IF NECESSARY REPLACE THE ECM.**

Recall Claim (C) Entry - Advanced Diamond Network System v1.03

Vehicle

Service

Parts

Comm

Reports

Interface

Profile

Financial

Help

Exit

Claim Number: Claim Type:

Repeat: Vehicle Repair PWA:

Repair Date: VIN:

Customer / Repair Info

INSPECT AND INSTALL THE PROTECTOR FOR THE FRONT HARNESS

Parts & Labor Detail Info

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

Line	Part Number	Qty	Cost	Sub	Operation	Qty	Lbr Hours	Amount	Delete
A	<input type="text"/>	<input type="text"/>	<input type="text"/>		C0205AXX	1	??	<input type="text"/>	

MMMA MODELS ONLY

Do not claim any parts if the ECM tested OK.

Enter: Applicable ECM part number if the ECM tested defective and was actually replaced.

Enter C0205AXX

Enter a qty of 1 x .3 hrs. labor x your dealership's warranty labor rate IF the ECM did tested OK.

If the ECM required replacement, see chart on page 5.

Detail Lines: Total Parts: Total Labor:

Page:



6400 KATELLA AVENUE
CYPRESS, CALIFORNIA 90630-5208
(888) MITSU2002

AFFECTED VEHICLES

MODELS: 1996 3000GT/Spyder, Diamante (FED),
Eclipse/Spyder Turbo, Galant (FED),
Mighty Max, Mirage, Montero

Date: December 2002

RE: IMPORTANT EMISSIONS RECALL NOTIFICATION

Dear Mitsubishi Owner,

Mitsubishi Motor Sales of America Inc (MMSA) and the Administrator of the U.S. Environmental Protection Agency have determined that certain 1996 Mitsubishi vehicles may have an error in the programming of the Emission Control system computer. This error may result in your vehicle failing a state or local emission inspection test (smog test). Consequently, MMSA is initiating this voluntary emission campaign to ensure correction of this condition.

What You Should Do? Please contact your authorized Mitsubishi Motors Retailer immediately to schedule an appointment for inspection and possible replacement of the Emission Control computer. This inspection and computer replacement, if necessary, will be performed free of charge to you. If your Malfunction Indicator Lamp (Check Engine light) is "ON", other repairs may be necessary which may not be covered under this recall campaign.

What Your Retailer Will Do: Your retailer will diagnose your vehicle using specialized test equipment to determine the Emission Control computer needs replacement.

How Long Will It Take? Inspection will take about 15 minutes. If it is determined that a replacement computer is required, that installation will take an additional 45 minutes to one hour. However, additional time may be necessary depending on how retailer appointments are scheduled and processed.

NOTE: Failure to have this campaign performed may cause the vehicle to fail an emission inspection test, as may be required under your state or local law.

Have you changed address or sold the 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, please inform us by calling:

Mitsubishi Customer Relations Department

(888) MITSU-2002 (888-648-7820)

Hours: Monday – Saturday 7 a.m. to 10 p.m. (Central Standard Time)

We appreciate your prompt attention to this matter. Please contact your Mitsubishi Motors Retailer if you have any questions.

Sincerely,

EMR-02-001

C0204MXX

C0205AXX

Richard Donnelson
Director, Service and Product Support



AFFECTED VEHICLES
MODELS: 1996 3000GT/Spyder, Diamante (FED),
Eclipse/Spyder Turbo, Galant (FED),
Mighty Max, Mirage, Montero

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How Long Will It Take? Inspection will take about 15 minutes. If it is determined that a replacement computer is required, that installation will take an additional 45 minutes to one hour. However, additional time may be necessary depending on how retailer appointments are scheduled and processed.

NOTE: The State of California regulations requires MMSA to provide the California Department of Motor Vehicles (DMV) with a record of all vehicles which have not had the recall performed. If your vehicle is not on this list, the state will know that the recall has been completed. Your retailer will provide you with a Vehicle Emission Recall Proof of Correction Form after the recall is complete. Be sure to save this form since the DMV may require that you supply it as proof of recall completion.

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EMR-02-001
C0204MXX
C0205AXX