

# SAFETY RECALL BULLETIN

SUBJECT:		No: <b>SR-06-001</b>	
<b>FRONT BRAKE CALIPERS — SAFETY RECALL CAMPAIGN</b>		DATE: <b>March, 2006</b>	
		MODEL: <b>See below</b>	
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 material used to manufacture the front disc brake calipers may be brittle due to improper metallurgy. This could lead to breakage of the brake caliper and subsequent unexpected partial loss of braking force.

This bulletin describes inspection procedures for the front disc brake calipers to determine if caliper replacement is needed. If a front brake caliper production date stamping is **5D08**, install the brake caliper kit as described in this bulletin.

## AFFECTED VEHICLES

2005 Endeavor models produced between 4/18/05 – 6/15/05 with front brake caliper production date stamping 5D08

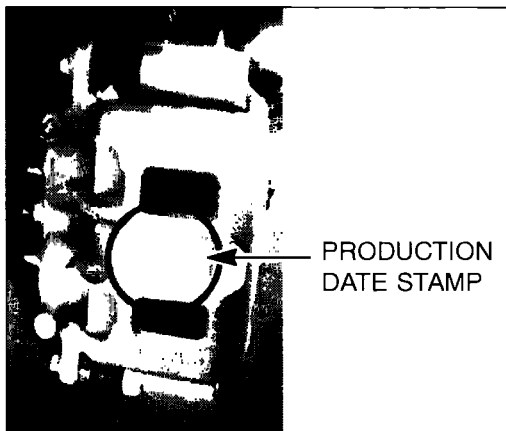
## CUSTOMER NOTIFICATION

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 front disc brake calipers inspected. A copy of the customer notification letter appears later in this bulletin.

## REQUIRED OPERATIONS

Before starting this campaign 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.

1. Raise and support the vehicle.
2. Remove the front tire and wheel assemblies. Inspect the production date stamp on both front disc brake calipers.  
**IMPORTANT:** The left and right sides may have different production date stamps. Be sure to check both sides.



3. Inspect the brake caliper date code (wipe clean as necessary to read the date code).  
NOTE: The date code will be upside down on the right side of the vehicle.
  - a. If the production date code is **5D08**, go to Step 4 for brake caliper replacement.
  - b. If the production date code is **NOT 5D08**, do not continue with this procedure. Submit a campaign claim for inspection only.

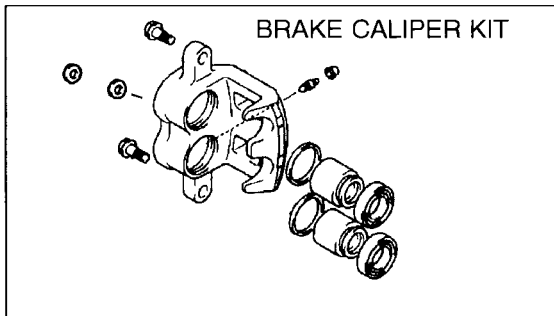
FILE UNDER:

Safety Recall Bulletins in the Dealer Service Information Binder

(3008)

4. If the production date code is **5D08**, install the brake caliper kit as follows:
  - a. Disconnect the brake hose. Discard the two copper sealing gaskets.
  - b. Remove the two bolts securing the caliper. Discard the two bolts. (The brake pads will remain in place.)

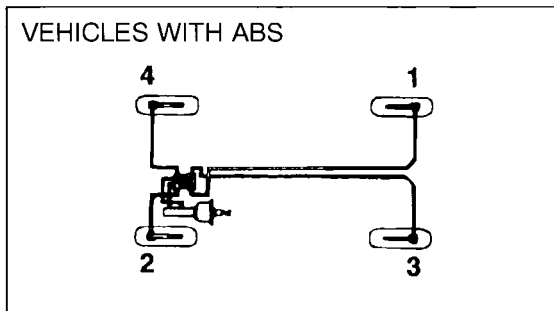
**NOTE: Do not remove the sliding pins from the bracket.** Remove only the bolts securing the caliper.



- c. Using the new caliper and bolts provided in the brake caliper kit listed in the PARTS INFORMATION section of this bulletin:

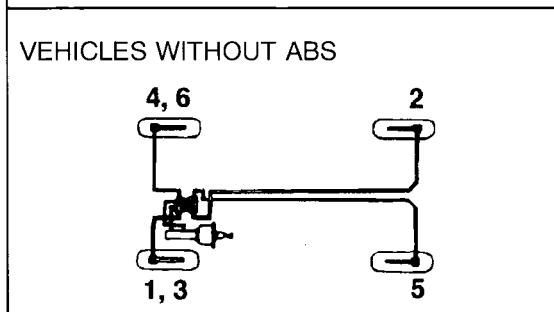
Slide the new caliper over the brake pads. Confirm that the brake pads have not been moved out of position. Hand-tighten the two new bolts.

- d. Torque the bolts to 40–50 Nm (30–37 ft/lbs).
  - e. Reconnect the brake hose securely, using the two new gaskets provided in the kit. Torque to  $30 \pm 4$  Nm ( $22 \pm 3$  ft/lbs).



5. Thoroughly bleed the brake lines. Start the engine and bleed the air in the brake lines at each caliper, in the sequence shown.

Replenish brake fluid as necessary.



6. Reinstall the tire and wheel assembly. Torque the wheel nuts to  $98 \pm 10$  Nm ( $73 \pm 7$  ft/lbs).
7. Test drive to confirm proper brake operation.

## PARTS INFORMATION

Use the Genuine Mitsubishi Parts listed below.

Only a small portion of affected vehicles will require parts replacement. A supply of front brake caliper kits will be automatically shipped to dealerships based on their affected vehicle inventory. Additional parts may be ordered based on the retailed VIN list that was included with this bulletin.

Description	Part Number
Front Brake Caliper Kit LH	PSUBRKLH
Front Brake Caliper Kit RH	PSUBRKRH

## WARRANTY INFORMATION

### Campaign Labor Operation: C0602MXX

Enter this campaign claim over the MDL, using the Recall claim type option. Sample recall claim screens for this campaign are shown on the following pages.

#### Labor Time:

Inspection Only – 0.3 hrs.

Inspection + Caliper Replacement on 1 Side Only – 0.6 hrs. (includes brake bleeding)

Inspection + Caliper Replacement on Both Sides – 0.8 hrs. (includes brake bleeding)

#### Required Parts

Front Brake Caliper Kit LH p/n PSUBRKLH  
Front Brake Caliper Kit RH p/n PSUBRKRH  
Brake Fluid p/n MZ311987

#### Replaced Parts Storage and Retention

Retain all replaced brake calipers for at least five (5) days after the payment of the related recall campaign claim. The 5 days begins the day after the claim first appears in the "Paid" section of your warranty claim statement. If the part is requested during those 5 days, you must return the part to the location indicated on the parts return request letter.

If you not receive a request after 5 days from the claim payment date, you may scrap the replaced brake caliper.

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](http://www.mitsubishitechinfo.com)).

### Header Section 2005 Endeavor Front Brake Caliper Inspection

**Vehicle Information**      PORVOR

**Campaign Information**

Campaign operation No: **C0602M**

Miles/Km

VIN

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

**Callout Box:**  
This campaign is for certain 2005 Endeavor models built between 04/18/2005 and 06/13/2005.  
There are approximately 5148 vehicles involved in this campaign) in the USA, Canada, Puerto Rico and Mexico.

- **Note:** There are three possible inspection and repair scenarios. Be sure to only claim the labor and parts charges for the actual repairs performed. Do not attempt to claim more labor and/or more parts than were actually used based upon the inspection results.
- Follow only one of the scenarios from the three claim examples on the following pages that match the technician's inspection and repair results.

SCENARIO 1: UPON INSPECTION NO "5D08" CALIPERS WERE FOUND

PARTS SECTION: No Parts Are Allowed For Inspection Only Claims

Vehicle Information      e-Reports      DMS Interface      PORVOR

**Add Page - Parts Information**

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

LABOR SECTION: Inspection Labor Time

Vehicle Information      e-Reports      DMS Interface      PORVOR

**Add Page - Labor Information**

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

Delete	Sublet	Labor Op	Labor Operation Description	Qty	Hours / Sublet Amt	Total Hrs	Labor Amt
		C0602MXX		1			

Verify C0602MXX comes up as the full campaign labor operation number

Qty of 1

Enter the allowed labor time of .3 hours for an inspection ONLY if the vehicle was not equipped with calipers marked 5D08.

**Total Labor Amount**

**SCENARIO 2: UPON INSPECTION - ONE "5D08" CALIPER FOUND**

**PARTS SECTION: Installation of 1 caliper kit may be claimed**

Vehicle Information      e-Reports      DMS Interface      PQR/VQR

**Add Page - Parts Information**

Delete	Part No	Part Description	Qty	Unit Price	Part Amount	Primary
1.		If the right side was replaced: Kit Part# = PSUBRKRH	1			<input type="checkbox"/>
2.						<input type="checkbox"/>
3.						<input type="checkbox"/>
4.		If only the left side was replaced Kit Part # = PSUBRKLH				<input type="checkbox"/>
5.						<input type="checkbox"/>
6.						<input type="checkbox"/>
7.		Brake Fluid may be claimed if needed for a Qty of 1 \$2.79				<input type="checkbox"/>

Main Menu      Cancel & Exit

**LABOR SECTION: Inspection and 1 Caliper Kit Installation Labor Time**

Vehicle Information      e-Reports      DMS Interface      PQR/VQR

**Add Page - Labor Information**

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

Delete	Sublet	Labor Op	Labor Operation Description	Qty	Hours / Sublet Amt	Total Hrs	Labor Amt
		C0602MXX		1		.6	

Verify C0602MXX comes up as the full campaign labor operation number

Qty of 1

Enter the allowed labor time of .6 hours for an inspection and replacement of one caliper kit.

Total Labor Amount

**SCENARIO 3: UPON INSPECTION - TWO "5D08" CALIPERS FOUND**

**PARTS SECTION:** Installation of 2 calipers kits may be claimed

Vehicle Information      e-Reports      DMS Interface      PORVOR

**Add Page - Parts Information**

Delete	Part No	Part Description	Qty	Unit Price	Part Amount	Primary
1.		The right side Kit Par # = PSUBRKRH	1			
2.		The left side Kit Part # = PSUBRKLH	1			
3.						
4.						
5.		Brake Fluid may be claimed if needed for a Qty of 1 = \$2.79				
6.						
7.						

Main Menu      Cancel Changes

**LABOR SECTION:** Inspection and 2 Caliper Kits Installation Labor Time

Vehicle Information      e-Reports      DMS Interface      PORVOR

**Add Page - Labor Information**

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

Delete	Sublet	Labor Op	Labor Operation Description	Qty	Hours / Sublet Amt	Total Hrs	Labor Amt
		C0602MXX		1		.8	

Verify C0602MXX comes up as the full campaign labor operation number

Qty of 1

Enter the allowed labor time of .8 hours for an inspection and replacement of two caliper kits.

**Total Labor Amount**

Update      Finish      PWA      Main Menu      Cancel Changes



AFFECTED VEHICLES:  
MODELS: 2005 ENDEAVOR

Date: April, 2006

**RE: IMPORTANT SAFETY RECALL NOTIFICATION: SR-06-001**

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. has decided that a defect that relates to vehicle safety exists in certain 2005 Endeavor vehicles. The material used to manufacture the front disc brake calipers may be brittle due to improper metallurgy. This could lead to breakage of the brake caliper and subsequent unexpected partial loss of braking force, which could result in a vehicle crash.

**What you should do:** Please contact your Authorized Mitsubishi Dealer to confirm parts are available and to schedule a repair date. When you bring your vehicle in, show this letter. (If you misplace this letter, they will still make the repair, free of charge.)

**What your dealer will do:** The dealership will inspect the front disc brake calipers. If a caliper requires replacement, the dealer will replace it.

**How long will it take?** The time needed for the actual repair is approximately 1 hour. 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-MITSU-2006 (888-648-7820).  
Hours: Monday – 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, 400 Seventh Street SW, Washington, D.C. 20590, or call the Auto Safety Hotline toll-free (888) 327-4236 (TTY 800-424-1953), 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. If you have any questions, please contact your Mitsubishi Dealer.

Sincerely,

A handwritten signature in black ink, appearing to read "DMcK", with a long horizontal line extending to the right.

Dave McKenzie  
Vice President, Service

C0602MXX