Recall Notification

MITSUBISHI MOTORS

No. 010041

REVISED 31/10/2008

October 2008

TO: **Dealer Principal/Service Managers**

SUBJECT: **Rectification of L/H rear fuel tank strap bracket – Mitsubishi 380**

In the interest of safety and customer satisfaction, Mitsubishi Motors Australia Limited (MMAL) is voluntarily recalling a number of 380 model Mitsubishi vehicles manufactured between 27th of July 2006 and the 19th of February 2007.

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Description of Problem

The stamping process for the left rear fuel tank support bracket may have created a necking condition on the curved surface. There is a possibility that if a vehicle with a suspect bracket and with a full tank of fuel is involved in a severe collision that the LHR fuel tank retaining strap bracket may fail allowing the fuel tank to become dislodged at this point and resulting in the possibility of a fuel leak.

Recall Procedure

As this is a potential safety related issue, this recall is being conducted in line with the "Uniform Code of Practice" and an Advertised program is being conducted in accordance with the Service Procedure Manual, Subject No 10, Page 1, Item 10.2 - "Recall – Safety Related".

Owner Notification

Owners will be contacted directly by Mitsubishi Motors Australia Limited, per medium of an "Owner Advice Mailer" explaining the necessity for the Recall Program. Owners will be directed to a Dealer to have the work completed.
Owner mailing will commence on 20th October

Affected vehicles are within the following VIN number range

Mitsubishi 380	Between 6MMDB1D416T016114 and 6MMDB4D417T020927 Between 6MMDB1V416T015493 and 6MMDB4V417T020935 Between 6MMDB4H416T015473 and 6MMDB4H417T020887 Between 6MMDB4X416T015475 and 6MMDB4X417T020932

A total of 4404 vehicles in the specified VIN range are affected

∗ - If in doubt whether a vehicle is involved, a Deacon Vehicle Inquiry will show 'Outstanding Recall' if no claim has been submitted.

Dealer Responsibility

1) When an owner presents a vehicle that may be in the affected range, Dealers are expected to confirm whether it is subject of an outstanding recall by performing a DEACON Vehicle Inquiry and complete the recall as required

   This action is expected irrespective of whether or not the owner presents an "Owner Advice Mailer"

2) If an Owner Letter is addressed to your dealership you must ensure that you correct the vehicle prior to sale or, if sold, make every possible effort to contact the current owner and arrange for inspection and or rectification to be performed.

Repair procedure

Inspect and if required repair the L/H rear fuel tank support bracket using the attached procedure. When making the booking for inspection, advise owner to present the vehicle with a minimum fuel level.

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Should a vehicle require rectification then a digital photo is required as supporting documentation. E-mail photograph to goodwill@mmal.com.au using " Recall number – VIN number" in the subject line. Example ---"010041 – 6MMDB4H416T017724"

Campaign Material

Required parts should be sourced from normal P&A channels using the revised recall parts procurement procedure as advised by General Letter GL-08-17
It is recommended that dealers order one kit based on the VIN of a vehicle contained in the affected vehicle list and known in the dealer data base as a current customer.

Part no. 5253F626 : - Cap/Adhesive kit
Part no. 5253F999: - Adhesive

NOTE: Adhesive applicator sent separately to each dealer

Warranty Claim Procedure

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Claims can only be submitted by electronic warranty claim procedure.
Do not return the recall program mailer, attach it to a copy of the claim and retain it with the vehicle history file.

	Inspection only	Inspection and repair
Claim Type	**S**	**S**
Position Code	**010041**	**010041**
Diagnosis Code	**RC**	**RC**
Work Code	**10**	**20**
Labour Allowance	**0.5 hr**	**2.2 hr**
Causal Part No	**NFP**	**5253F626 (Value $0.0)**
Additional Part No	**N/A**	**5253F999 (Value $0.0)**
Additional Part No	**N/A**	**RCHANDLING (Value $10.00)**
Removed Parts	**N/A**	**N/A**

* This includes 0.1 hours vehicle preparation and service administration allowance.

Should you require any further information relating to this campaign please contact the Dealer assistance centre

Yours sincerely,
Mitsubishi Motors Australia Limited

D. R. Budden
National Service Manager

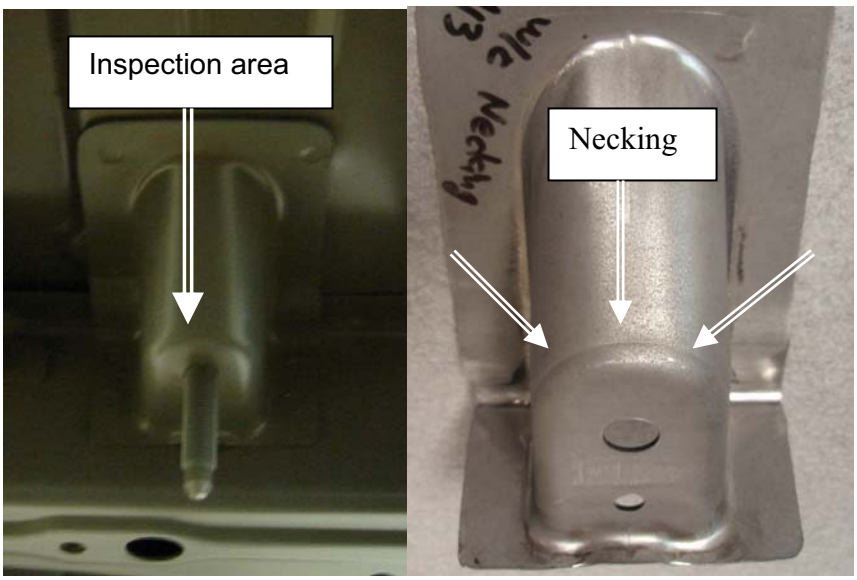
Rectification procedure for Mitsubishi 380 left hand rear fuel tank support bracket

1. Inspection for necking on bracket

REVISED 31/10/08

- Raise the vehicle to gain access to the fuel tank mounting brackets
- Locate the rear mounting bracket for the L/H fuel tank strap

- Lubricate the stud threads then remove the nut that secures the left rear fuel tank strap to the bracket.
- Loosen but do not remove the nut for the front fuel tank strap.
- Remove the tank strap from the rear bracket and clean all debris to allow for inspection (flashlight and a mirror may be required).
- Inspect the front side of the rear bracket for necking or cracking.
- Refer to illustrations below for location of inspection area.



2. Inspection

- If no necking of the bracket is observed, reattach the tank strap and retorque both nuts to 26 ± 4 Nm. Inspection is completed.
- If necking is detected, determine if it exceeds the 120 degrees as shown in Photo 3.

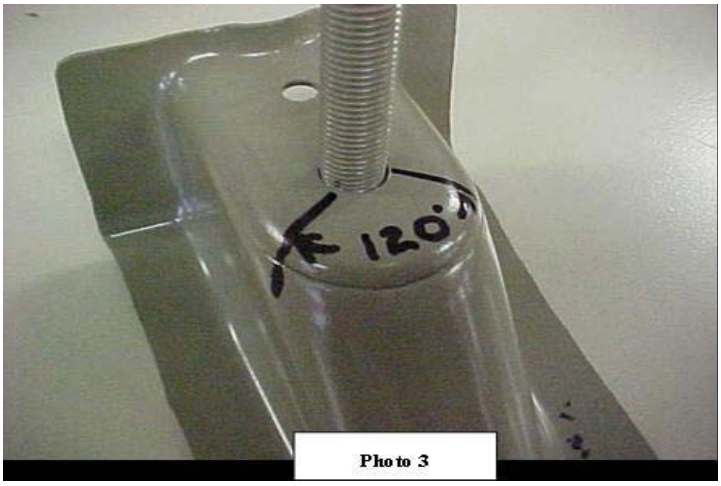


Photo 3

- If necking is less than 120 degrees reattach the tank strap and retorque the nuts to 26 ± 4Nm. Inspection is completed.
- If necking exceeds 120 degrees proceed to repair with the following instructions.
- If cracking is evident proceed to repair with the following instructions.

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NOTE: Digital photograph of the necking condition is required as supporting documentation for repair.
E-mail photograph to goodwill@mmal.com.au using "Recall no – VIN number" in the Subject line. Example - "010041 – 6MMDB4H416T017724"

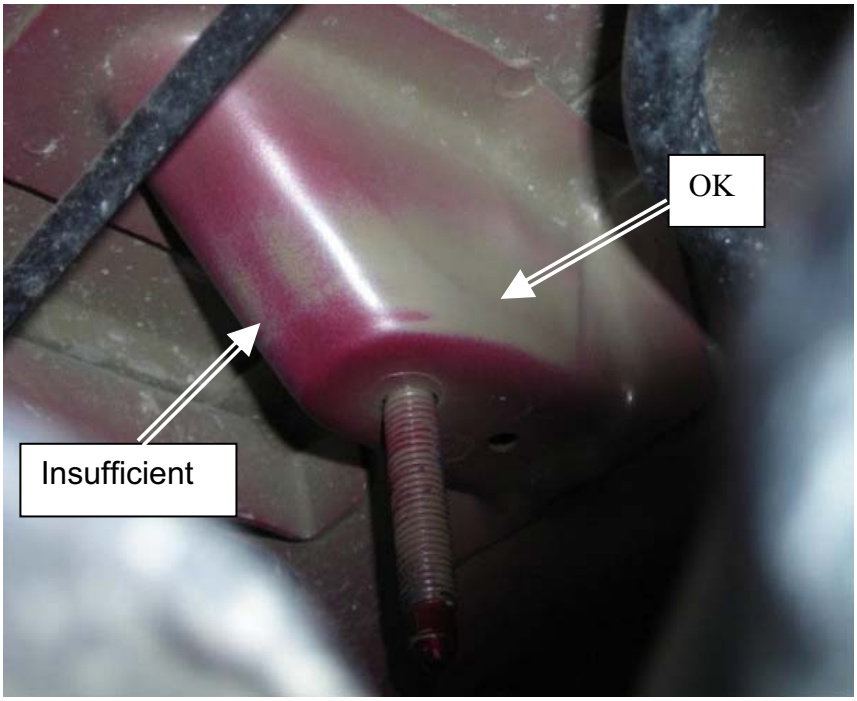
3. Bracket repair procedure

Tank removal

- Remove as much fuel as possible.
- Reduce fuel pressure (Refer to Group 13A – On vehicle service).
- Remove the rear seat cushions and gain access to the service hole by removing the cover.
- Disconnect the fuel pump connector.
- Disconnect the fuel tank differential pressure sensor.
- Disconnect the fuel level sending unit connector.
- Remove centre exhaust pipe (Refer to Group15).
- Remove parking brake cable clamps.
- Disconnect fuel tank vapour hose.
- Disconnect fuel filler hose.
- Disconnect high pressure fuel hose.
- Remove fuel tank bands.
- Lower fuel tank out of vehicle.

Repair Procedure

- Using scuff pad included in the repair kit scuff the paint until the primer (e-coat) is visible



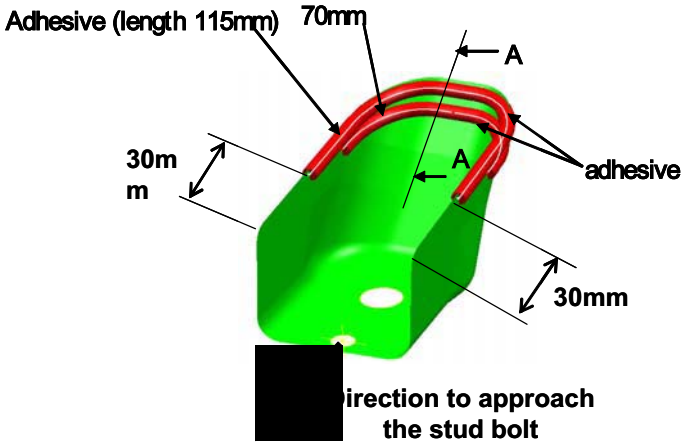
- Using the same scuff pad, scuff the INSIDE of the supplied cap to ensure a good adhesion surface.
- If the bracket has a crack greater than 0.3mm, use a drift to tap the surface upwards until the gap is closed. The lower surface of the bracket MUST remain level.

- Protect the brake and fuel tubes with tape, plastic spiral wrap or split plastic tubing as shown.

- Place the provided cap from the repair kit over the brackets stud and secure with the tank strap nut.

- Using the hole in the cap as a guide drill a 4.9mm hole through the bracket.
- Remove the nut and the cap. Wipe clean both scuffed surfaces inside of cap and outside of bracket with proprietary cleaner to ensure maximum adhesion of the cap to the bracket.
- Load the supplied adhesive tube (3M DP805) into the applicator gun using the 1:1 ratio plunger (supplied) and attach the mixing tube from the kit to the adhesive container as per the 3M instructions.
- Ensure the rivet tool is ready to use.
- Apply adhesive to the inside surface of the reinforcement exactly as shown.

WARNING: Adhesive working time is less than 4 minutes!!



- Place the cap onto the bracket, approaching the bracket as shown in the photo sequence to avoid getting adhesive on the thread of the stud. If adhesive does get on to the stud, remove it immediately.

- Immediately place the rivet through the hole in the cap and bracket to avoid getting adhesive in the rivet hole.

- Torque the nut (26 ± 4Nm) to hold the cap in position during the rivet operation and to maintain cap alignment during initial adhesive curing.
- Using the rivet tool set the rivet and allow adhesive to cure.
- Do not remove the nut at this stage.

4. Tank replacement

- Slide the fuel tank back into position and attach the rear of the R/H fuel tank strap over its stud.
- Place the front fuel tank straps over their respective studs and start the nuts**.**
- Leave the rear of the L/H tank strap loose.
- Torque the R/H tank strap nut (26 ± 4Nm) and the nuts holding the front of the tank to the cross member.
- Reposition the parking brake cables and reattach the cable clamps.
- Install the centre exhaust pipe.
- Remove the nut from the reinforced bracket, attach the fuel tank strap over the stud and torque to 26 -0 +4Nm
- Reattach the high pressure fuel hose, fuel filler hose, and the fuel tank vapour hoses.
- Reattach the connectors to the fuel tank differential pressure sensor, the fuel level sending unit and the fuel pump.
- Start vehicle and check for leaks.
- Perform EVAP leak test to ensure integrity of the fuel hose connections.
- Replace the covers over the service holes and replace the rear seats.

5. Repair kit information

- Part no 5253F626 containing
  i. 1 Cap, bracket
  ii. 1 Rivet, 4.8mm stainless steel
  iii. 1 Mixing tube
  iv. 1 Piece Scotch-brite

- Adhesive (Pt No 5253F999) shelf life is up to 6 months when unopened and container is stored at 16°C.
- Remove mixing tube from the adhesive container and discard. Replace the cap on the unused portion of the adhesive and store in a cool place.