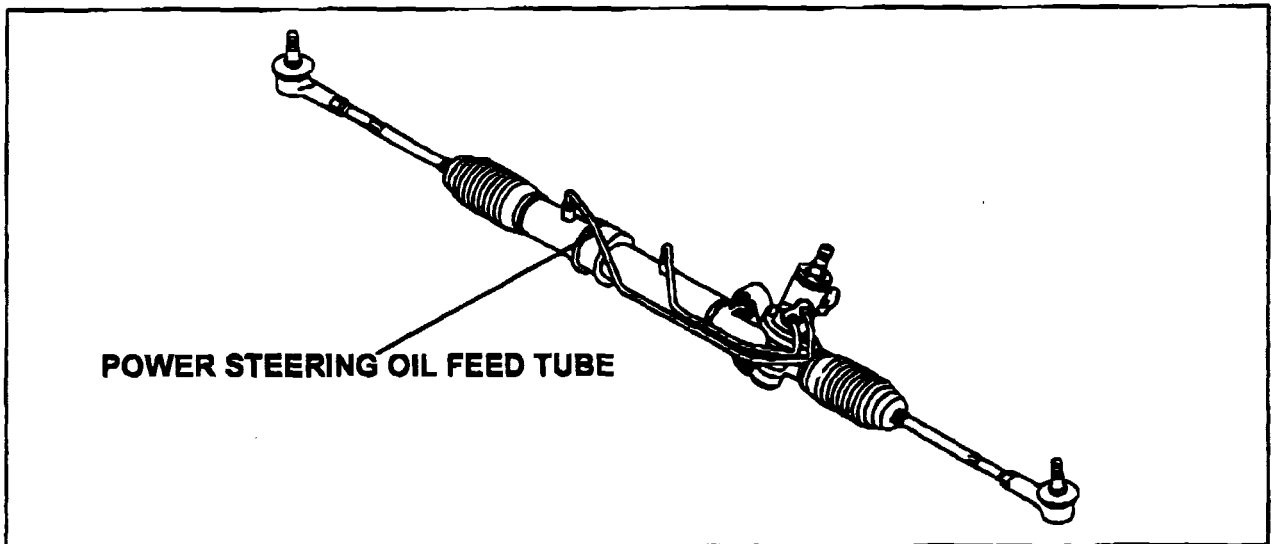


SUBJECT: <b>POWER STEERING OIL FEED TUBE — SAFETY RECALL CAMPAIGN</b>		No: <b>SR-01-009</b>	
		DATE: <b>November, 2001</b>	
		MODEL: <b>2000 Eclipse &amp; Galant</b>	
CIRCULATE TO:	<input type="checkbox"/> GENERAL MANAGER	<input checked="" type="checkbox"/> PARTS MANAGER	<input checked="" type="checkbox"/> 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**

Mitsubishi Motor Sales of America, Inc. (MMSA) is voluntarily recalling certain, affected 2000 model year Eclipse and Galant vehicles equipped with the 3.0L V6 engine, to replace the oil feed tube on the power steering rack assembly. Under specific operating conditions, the power steering oil feed tube may come in contact with the exhaust manifold mounted heat shield, causing a hole to be worn in this tube, thus allowing power steering fluid leakage. Leaking power steering fluid will gradually result in a loss of steering assist, and possibly smoke and/or fire.



**AFFECTED VEHICLES**

This Safety Recall Campaign affects ONLY 3.0L V6 equipped, Federal (FED) Emissions certified vehicles.

- 2000 Eclipse 3.0L V6 produced between 3/25/99 and 7/5/00 (FED vehicles ONLY)
- 2000 Galant 3.0L V6 produced between 1/30/00 and 7/14/00 (FED vehicles ONLY)

**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 power steering oil feed tube replaced. A copy of the customer notification letter appears later in this bulletin. There is no charge to the customer for this repair.

Continued

FILE UNDER: **Safety Recall Bulletins in the**

Post-it* Fax Note	7671	Date	12/20/01	# of pages	2
To	Kelly Schuler	From	Ki. Reeves		
Co./Dept.	NHTSA	Co.	Mitsubishi Motor S/A		
Phone #		Phone #	714-372-6362		
Fax #	202-366-7882	Fax #	714-892-4131		

## REQUIRED OPERATIONS

Before starting the PROCEDURES section of this bulletin, **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.

## PROCEDURES

### Power Steering Oil Feed Tube Replacement

The following procedure is a simple parts replacement process. No modifications are required. The following tools are required to complete this recall campaign:

- 12 mm Flare Nut Wrench
- 12 mm Crow's Foot
- Torque Wrench

1. Raise the vehicle on a lift.
2. Remove the left front wheel.
3. Clean any oil and dirt from the steering rack near the tube fittings.
4. Place a drain pan under the steering rack to catch the power steering fluid which will drain out when the old oil feed tube is removed.
5. Loosen the flare nuts on each end of the tube, then remove the tube. Make sure the O-ring on each end of the tube comes off with the tube.



**NOTE:**

*Access the tube fitting on the driver's side of the steering rack through the opening in the left-side wheel well. The tube fitting toward the passenger's side of the vehicle is accessed from under the vehicle.*

6. Check each end of the new oil feed tube to make sure there is an O-ring. Position the new tube, start threading each flare nut then hand-tighten as far down as possible.

Continued



7. Using the torque wrench, tighten **both** flare nuts on the new oil feed tube to 13 Nm (113 in-lbs).

8. Reinstall the left front wheel.



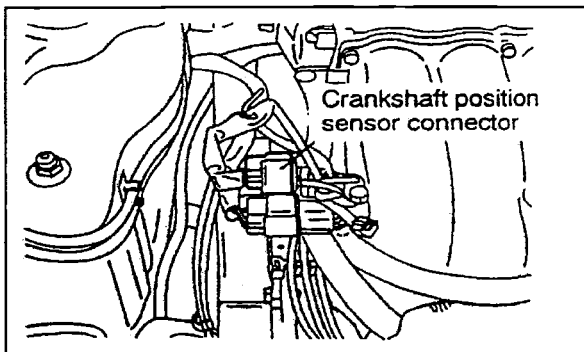
9. Complete the following INSPECTIONS:
  - a. Make sure there is at least 25 mm clearance between the exhaust manifold mounted heat shield and the new power steering oil feed tube.
  - b. Fill the power steering fluid reservoir.
  - c. Lower the vehicle, start the engine, and turn the steering wheel to full left and right lock, checking for any abnormal noise or sticking.
  - d. Check the newly installed tube for oil leaks.

10. Before returning the vehicle to the customer, proceed with the following, standard power steering system bleeding procedures.



### Power Steering System Bleeding Procedures

1. Raise the vehicle so the front wheels are off the ground. Support the vehicles on jack stands.



2. Disconnect the crankshaft position sensor harness connector.

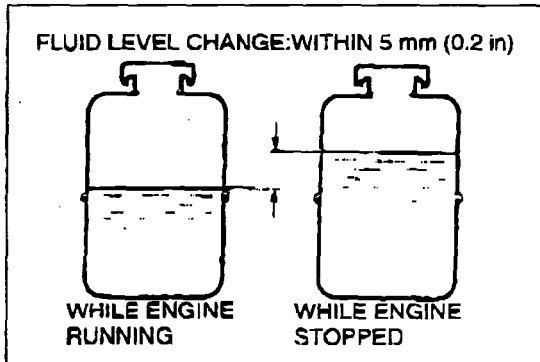
Continued

**CAUTION**

During air bleeding, replenish the fluid supply so the level never falls below the lower mark on the oil level gauge.

If air bleeding is done while the engine is running, the air will be broken up and absorbed into the fluid. Be sure to bleed only while cranking the engine.

3. While cranking the engine intermittently, turn the steering wheel from lock to lock five (5) or six (6) times.
4. Reconnect the crankshaft position sensor harness connector.
5. Connect the MUT-II to the data link connector and check to see if a crankshaft position sensor DTC has set. If a code has set, erase it.
6. Start the engine and run it at idle.
7. Leaving the power steering pump reservoir cap removed, turn the steering wheel from left to right until no air bubbles are visible in the oil reservoir.
8. Confirm that the fluid is not frothy or foamy and that the level is at the specified position (between the high and low marks) on the oil level gauge (dipstick).
9. Check the fluid level as the steering wheel is turned from left to right. There should be very little change in the fluid level.



10. Make sure that the change in the fluid level is no more than 5 mm (0.2 inch) when the engine is stopped and when it is running.

**CAUTION**

If the fluid level rises suddenly after the engine is stopped, the air has not been completely bled out of the system. If bleeding procedures are not complete, there will be abnormal noises from the pump and the flow-control valve. This condition could cause damage and/or shorten the service life of the power steering components.

11. If the fluid level changes 5 mm (0.2 inch) or more, the air has not been completely bled from the system. Repeat the bleeding procedures.

Continued

## PARTS INFORMATION

A small supply of power steering oil feed tubes for the affected **Federal** emissions certified vehicles will be automatically shipped to dealers in states where records show these vehicles are currently registered. Orders for additional tubes can be placed through the normal parts system.

Use the genuine Mitsubishi Part listed below.

Part Number	Description	Qty. Required
MN101046	Tube, Power Steering Oil Feed	1
ACH1ZC1X04	Fluid, Power Steering	As Required

## 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.

### *Power Steering Oil Feed Tube Replacement*

**Campaign Labor Operation: C0111AXX    Time Allowance: 0.5 hrs.**

Mitsubishi Motor Sales of America, Inc.

**SERVICE CAMPAIGN CLAIM SAMPLE - LABOR OPERATION = C0111AXX**

**ADVANCED DIAMOND NET SCREENS FOR RECALL CLAIMS**

**SERVICE MENU - SELECT RECALL CLAIM (C)**



Service Menu

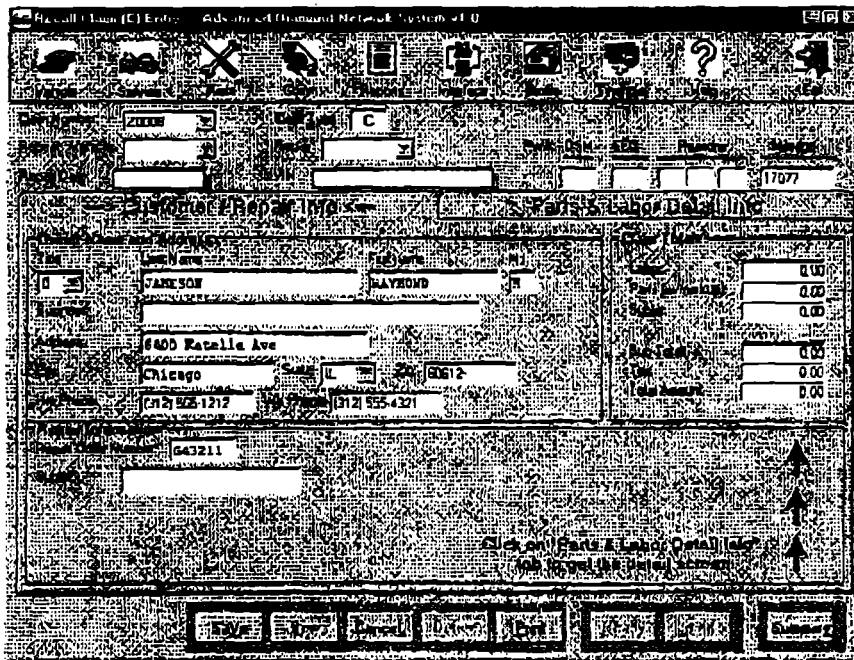
Data Entry		MMSA Online	
PDI Claim (P)		MMSA Service Menu	
Warranty Claim (W)		CIT Comments Entry	
Special Claim (X)			
Recall Claim (C)			
Opt. Equipment Reg			
Corrections/PWA			
Appeal Claims			

Prepare to Comm	Communicate	Reports	MMSA Acknowledge	Close
-----------------	-------------	---------	------------------	-------

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

**RECALL CAMPAIGN CUSTOMER / REPAIR INFO SCREEN**



Recall Campaign (C) Entry - Advanced Diamond Net - System #1.0

Vehicle: [ ] Service: [ ] Path: [ ] Copy: [ ] Reports: [ ] Interface: [ ] Profile: [ ] Financial: [ ] Help: [ ] Exit: [ ]

CLAIM: [ ] Type: [ ]

17077

Customer/Repair Info

NAME	WARESON	RAYMOND	PL	0.00
ADDRESS	6405 Katalie Ave			0.00
CITY	Chicago	State	IL	0.00
ZIP	60612	Phone	(312) 555-1212	0.00
		Phone	(312) 555-4321	0.00

643211

Click on Parts & Labor Detail for Job Repair History

SAVE	PRINT	DELETE	BACK	HOME	EXIT
------	-------	--------	------	------	------

**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.*

**RECALL CAMPAIGN CLAIM PARTS AND LABOR DETAIL INFO SCREEN:**

- **USE C0111AXX TO REPLACE POWER STEERING OIL FEED TUBE ON FEDERAL 3.0L V6 2000 MODEL ECLIPSE AND GALANT (IN BUILD RANGE)**

**INSPECTION ONLY SAMPLE CLAIM**

Recall Claim (F) Entry Advanced Diamond Network System v1.01

Vehicle Service Part Labor Parts Finance ?

Claim Number: 20008 Claim Type: C  
 Repair Order: Repair Order # PWA-058 307 Repair Order #  
 Floor Plate: VIN: 4A3...YE 17077

Customer / Repair In: PARTS & LABOR DETAIL INFO

**REPLACE POWER STEERING OIL FEED TUBE**

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					C0111AXX	1	0.5		

Enter C0111AXX

Enter a qty of 1 x .5 hrs. labor x your dealership's warranty labor rate.

**TUBE, POWER STEERING OIL FEED:**  
MN101046 Qty: 1  
 A/T FLUID AS NEEDED:  
ACHIZC1X04

Pg: 1 of 1 Pg Up Pg Dn Add Del

Save New Cancel Delete Print Help Sign Submit



6409 KATELLA AVENUE  
CYPRESS, CALIFORNIA 94024-1268  
(888) MITSU2001

**AFFECTED VEHICLES**  
**MODELS:** 2000 Eclipse V6 (FED)  
2000 Galant V6 (FED)

November, 2001

**RE: IMPORTANT SAFETY RECALL NOTIFICATION: SR-01-009**

Dear Mitsubishi Owner:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act. Mitsubishi Motor Sales of America, Inc. has determined that a defect with respect to vehicle safety exists in certain 2000 Eclipse V6 vehicles produced between March, 25, 1999 and July 5, 2000 and 2000 Galant V6 vehicles produced between January 30, 2000 and July 14, 2000. Only FEDERAL Emissions certified vehicles are included in this campaign.

**What is the safety issue?** Under specific operating conditions, the power steering oil feed tube may come into contact with the exhaust manifold heat shield, causing a hole to be worn in this tube, and allowing power steering fluid to leak. Leaking power steering fluid can gradually result in a loss of steering assist and may cause a fire if the leaking fluid contacts an ignition source.

**What you should do:** Please call your Mitsubishi dealer immediately to schedule a repair date. Ask whether parts are in stock for Safety Recall SR-01-009. If your dealer does not have parts in stock, they can be ordered before scheduling a repair date. When you bring your vehicle in, show the dealer this letter. (If you misplace this letter, the dealer will still make the repair, free of charge.)

**What your dealer will do:** The dealer will replace the power steering oil feed tube on your vehicle free of charge.

**How long will it take?** The time needed for this repair is about 30 minutes. However, your dealer may need your vehicle for a longer period of time due to service scheduling issues.

**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-2001 (888-648-7820)  
Hours: Monday - Saturday 7 a.m. to 10 p.m. (Central Standard Time)

If after contacting Mitsubishi Customer Relations, 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) 327-4238.

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

Sincerely,

SR-01-009  
C0111Axx

Richard Donnelson  
Director, Customer Relations

[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. 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.]