



TECHNICAL SERVICE BULLETIN

SUBJECT:

SPYDER RETRACTABLE HARDTOP REPAIR

NO. TSB-95-42A-001

DATE April, 1995

MODEL 1995-96 Spyder

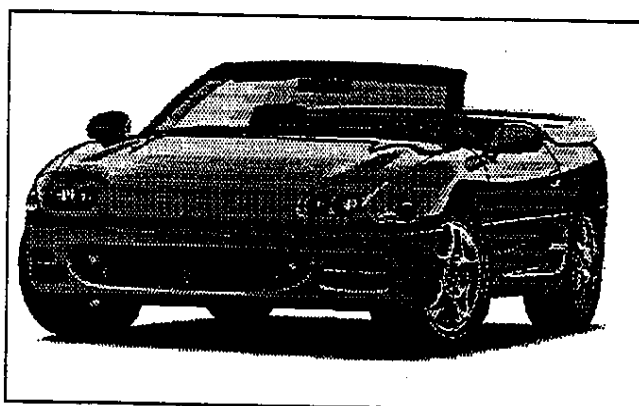
VEHICLES AFFECTED

1995 and 1996 Spyder

PURPOSE

This bulletin outlines the service repair procedure for the retractable hardtop system for the Mitsubishi Spyder. This system consists of the following sub-systems:

- ◆ Header latch system
- ◆ Hard tonneau system
- ◆ Hard tonneau latch system
- ◆ Quarter window system
- ◆ Retractable hardtop system



Each sub-system contains associated wiring and is controlled by a retractable hardtop electronic control unit.

DESCRIPTION

The Mitsubishi Spyder utilizes a retractable hardtop manufactured by ASC Incorporated (ASC) of Southgate, Michigan. As outlined in the agreement between ASC and MMSA, ASC will provide a turn-key service repair operation for the retractable hardtop assembly. Repairs will be performed by ASC Authorized Convertible Repair Facilities (Attachment 1) who will be required to have special diagnostic equipment as well as trained personnel for servicing the retractable hardtop system. Therefore, the service work that can be performed by Mitsubishi Motors dealership service personnel is limited. MMSA has requested your local ASC Authorized Convertible Repair Facility representative to contact you prior to receipt of your first Spyder to introduce themselves and to discuss service issues.

Continued

FILE UNDER:

Group 42 Body in the Dealer Service Information Binder

(1385)

CIRCULATE TO:



SERVICE ADVISOR



GENERAL MANAGER



SERVICE MANAGER



PARTS MANAGER



WARRANTY PROCESSOR



TECHNICIAN



SALES MANAGER

SPYDER PARTS

The Spyder uses some parts which are unique to the Spyder and some parts which are common to the 3000GT. Some parts, such as the front fender and the rear combination light, are common to the 3000GT, but when replacement is required they must be modified before installing on the vehicle. Refer to the Spyder Service Manual Supplement for information on parts descriptions, locations and modifications.

RETRACTABLE HARDTOP REPAIRS

Attachment 2 outlines the retractable hardtop system repair responsibilities, as well as labor operations and times. Most repair operations for the retractable hardtop system must be performed by an ASC Authorized Convertible Repair Facility. All other systems on the Spyder should be serviced by Mitsubishi Motors dealerships.

SERVICE PROCEDURE

Warranty Repair: Vehicles in Dealer Stock

1. If you experience problems with any of the sub-systems of the retractable hardtop system prior to vehicle delivery to the customer, and the problem cannot be corrected by performing one of the authorized MMSA Dealer repairs (Attachment 2), contact an Authorized ASC Convertible Repair Facility (Attachment 1). If you have any questions regarding the appropriate service center for your area, call ASC at 1-800-542-4906.
2. Within 24 hours, the ASC Facility will either dispatch a flatbed truck to transport the vehicle to their facility or dispatch a service repair person to repair the vehicle at your dealership. If the ASC Facility requires parts to repair the vehicle, they will procure them through their parts distribution channel.
3. Repairs performed under warranty by ASC are to be submitted as a sublet repair. When you receive the repair order from the ASC Authorized Convertible Repair Facility, you should submit a warranty claim to recover the sublet expense and to receive a \$50.00 fee for administrative handling. If applicable, this sublet bill will also include the towing expense between the ASC Facility and your dealership.

Continued

Warranty Repair: Customer Vehicles

If a customer comes to your dealership with a retractable hardtop problem:

1. Verify the complaint.
2. If the symptom can be corrected by performing one of the authorized MMSA Dealer repair operations (Attachment 2), correct the vehicle condition.
3. If the symptom cannot be corrected by performing one of the MMSA Dealer repair operations, inform the customer that the repair must be performed by the manufacturer of the retractable hardtop system and that you will call the customer when you receive an anticipated completion date from the ASC Facility. (See sample warranty claim #2 on page 7 of this bulletin.)
4. Arrange a rental or loaner vehicle (premium class, i.e., Diamante or equivalent) for the customer.
5. Contact your Authorized ASC Convertible Repair Facility (Attachment 1) to review the vehicle symptoms and identify the estimated time of repair.
6. Contact the customer to inform them of the estimated repair time.

NOTE: The ASC Repair Facility will make all arrangements to have the vehicle brought to their facility. They will be responsible for the vehicle after it leaves your dealership. If the distance between your dealership and the ASC Repair Facility is more than 5 miles, the vehicle must be transported via flatbed. The only exception is when the customer agrees in writing that the vehicle can be driven in excess of 10 miles. The customer should not go directly to the ASC Repair Facility.

7. Within 24 hours, the ASC Facility will either dispatch a flatbed truck to transport the vehicle to their facility, or dispatch a service repair person to repair the vehicle at your dealership
8. When you receive the repair order from the ASC Authorized Convertible Repair Facility, you should submit a warranty claim to recover the sublet expense and to receive a \$50.00 fee for administrative handling. If applicable, this sublet bill will also include the towing expense between the ASC Facility and your dealership. See sample warranty claim #2 on page 7 of this bulletin.

Continued

IMPORTANT: If for any reason you are not satisfied with the level of service provided by the ASC Repair Facility, please contact your District Service Manager immediately.

Out-of-Warranty Repair

Mitsubishi dealers must provide out-of-warranty repairs for Spyder customers. This can involve performing the repair themselves, or coordinating repair through an Authorized ASC Convertible Repair Facility. Technical assistance can be obtained through the ASC Technical Support Center at 1-800-542-4906.

<p>ASC Technical Support Center 1-800-542-4906 Hours of Operation Monday through Friday 8:00 a.m. to 5:00 p.m. Eastern Standard Time</p>

Collision Repair

If a Mitsubishi Spyder is involved in a collision and the repair affects the retractable hardtop system, you can obtain body dimensions and other related body repair information in the Spyder Service Manual Supplement (MSSP-101B-95).

WARRANTY INFORMATION

The basic warranty for the retractable hardtop assembly is same as the basic vehicle warranty, i.e., 36 months/36,000 miles. Spyder repair responsibilities and labor times are shown on Attachment 2. Sample warranty claims are shown on pages 6 and 7 of this bulletin.

ADDITIONAL DEALER SUPPORT

A comprehensive Spyder Technical Training video program and print materials were shipped to each dealership during April, which cover retractable hardtop system operation. Please ensure that all dealer service personnel who come in contact with this vehicle have reviewed the program and have a thorough understanding of the retractable hardtop system.

Continued

PRE-DELIVERY INSPECTION

Pre-Delivery Inspection forms for the Spyder are provided with the Technical Training materials shipped to each Mitsubishi Motors Dealership. The following PDI steps are unique to the Spyder:

PDI Step	Description
Under Hood step 1-2	Install the 60 amp system fuse.
Under Vehicle step 3-5	Install tie-down hook covers on VR4 is NO LONGER REQUIRED.
Interior Technical step 4-13	Check for the special wrench in CD changer compartment.
Interior Technical step 4-22	Verify that the hardtop instruction sleeve is on the left sunvisor.
Road Test step 5-3	Check hardtop operation.
Road Test step 5-10	Check for squeaks and rattles with the hardtop closed.

CUSTOMER FOLLOW-UP

Retractable hardtop repairs are new to MMSA and its dealers. During the Spyder launch period, MMSA will contact every customer with a retractable hardtop problem by telephone to assess their satisfaction with the repair process.

NOTE: These service procedures will remain in effect until written notification in the form of a future Technical Service Bulletin is provided to Mitsubishi Motors dealers.

Produced by the MMSA Technical Information Department.

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**SAMPLE CLAIM #1 FOR SPYDER RETRACTABLE
HARDTOP RELATED REPAIRS PERFORMED AT
AN MMSA DEALER'S FACILITIES.**

**SAMPLE 'HEADER' PORTION OF
A WARRANTY CLAIM FOR A
MITSUBISHI SPYDER.**

**ENTER THE CUSTOMER'S
COMPLAINT, YOUR
DEALERSHIP'S FINDINGS AND
YOUR FINAL REPAIR REMEDY.**

**ENTER IN THE SUBLET INFO FIELD
THE RENTAL CAR AGENCIES INVOICE #
IF A RENTAL CAR OR LOANER WAS
PROVIDED TO THE CUSTOMER.**

MEZDH 99XXX MITSUBISHI DIAMOND NETWORK 03/20/95 TOTAL 2

WARRANTY CLAIM (H)

CLAIM NO IN85031 REPEAT CLAIM: VEHICLE INFO: REPAIR INFO: MILEAGE
APPEAL CLAIM: FLAG [] NUMBER [] PHA: DSH SEQ REASONS 5436
REPAIR DATE 02/15/95 VIN JA33XU84K4PS000345

----- OWNER NAME AND ADDRESS ----- CLAIM TOTALS -----
TITLE LAST NAME FIRST NAME MI LABOR 10.00
1 JOHNSON RAYMOND T PARTS(CH/HARKUP) .00
BUSINESS SUBLET 30.00
ADDRESS 1234 KATELLA AVE STATE CA ZIP 90630 SUB-TOTAL 40.00
CITY CYPRESS TAX .00
PHONE (714) 372-6000 TOTAL AMOUNT 40.00

DELIVERY DATE 02/01/95 REPAIR ORDER NO R54321
CONDITION FRONT CENTER HEADLINING IS MIS-ATTACHED
CAUSE HEADLINING RETAINERS LOOSE
REMEDY RETATCH FRONT CENTER HEADLINING
SUBLET ENTERPRISE RENTACAR INUR1234

ENTER SELECTION DELETE
MODE BROWSE

F1-HELP F2-XPLN F3-HIGH F4-PRI F5-ADD F6-BRS F7-CHG F8-CAN F9-SEL F10-REIN

**SELECT THE APPROPRIATE LABOR OP # TO
DESCRIBE THE ASC SERVICE CENTER'S REPAIRS.
SELECT THE OPERATION NUMBER FROM THE
ATTACHED LIST OF 'ASC FACILITY' LABOR
OPERATION CODES AND TIMES ONLY.**

**ENTER THE COST OF THE RENTAL/LOANER
IF PROVIDED TO THE SPYDER OWNER.**

MEZDH 99XXX MITSUBISHI DIAMOND NETWORK 03/20/95

WARRANTY CLAIM

CLAIM NO. IN85031 PHA CODES DSH SEQ REASONS MILEAGE 5436

REPAIR DATE 02/15/95 VIN JA33XU84K4PS000345

--CAUSAL CODE-- RENTAL TECH CODE SERV ADD-ID TCSQR
NATURE CAUSE (SSN) 123456789 NAME 3551 2345

56D B30 PART PARTS PART COST QTY COST SUB OPERATION HOURS AMOUNT DELETE

LINE FP PART NUMBER

A X 0 .00 R2842080 1 .2 10.00
B 0 .00 S RENTACAR 0 .0 30.00
C
D
E
F
G
H
I
J

ENTER SELECTION PARTS .00 LABOR 040.00
MODE BROWSE

F1-HELP F2-XPLN F3-HIGH F4-PRI F5-ADD F6-BRS F7-CHG F8-CAN F9-SEL F10-REIN

**SAMPLE CLAIM #2 FOR SPYDER RETRACTABLE
HARDTOP REPAIRS PERFORMED AT AN ASC
AUTHORIZED SERVICE CENTER.**

SAMPLE 'HEADER' PORTION OF
A WARRANTY CLAIM FOR A
MITSUBISHI SPYDER.

IMPORTANT:

ENTER THE CUSTOMER'S COMPLAINT,
THE ASC SERVICE CENTER'S FINDINGS
AND THEIR REMEDY. ALSO ENTER THE
NUMBER DAYS THE CAR WAS AT THE
ASC SERVICE CENTER

ENTER IN THE SUBLET INFO FIELD
THE ASC SERVICE CENTER'S
CUSTOMER NUMBER
(THEIR DEALER CODE) AND THE
RELATED INVOICE NUMBER

HEZD
99XXX
MITSUBISHI DIAMOND NETWORK
WARRANTY CLAIM

CLAIM NO. IN85021		VIN J03XU84K4PS000345		DSM SEQ REASONS		MILEAGE 4356		PAGE 1	
REPAIR DATE 02/15/95		RENTAL REASON		TECH CODE (SSN) 123456789		SERV ADU-ID NAME SSN SHIT 2705			
NATURE CAUSE 270		PART PARTS		SUB OPERATION		HOURS AMOUNT		DELETE	
LINE	FP	PART	QTY	COST					
A	X		0	.00	S R2842079	0	.0	454.00	
B			0	.00	S R28HANDL	0	.0	50.00	
C			0	.00	S RENTACAR	0	.0	90.00	
D									
E									
F									
G									
H									
I									
J									

TOWING MAY BE ADDED IF THE VEHICLE
WAS TOWED INTO YOUR DEALERSHIP. IN MOST
CASES, TOWING TO AND FROM AN ASC CENTER WILL BE
INCLUDED IN THE ASC SUBLET INVOICE AMOUNT.

ENTER SELECTION MODE BROWSE
F1-HELP F2-XPLN F3-HOW F4-PRT F5-ADD F6-BRS F7-CHG F8-CAN F9-SEL F10-REIN

LABOR 594.00

PARTS .00

HEZD
99XXX
MITSUBISHI DIAMOND NETWORK
WARRANTY CLAIM (H)

CLAIM NO IN85021 REPEAT CLAIM: VEHICLE INFO: REPAIR INFO:
APPEAL CLAIM: FLAG I J NUMBER I J PWO: DSM SEQ REASONS MILEAGE
REPAIR DATE 02/15/95 VIN J03XU84K4PS000345 4356

OWNER NAME AND ADDRESS		FIRST NAME		HI		CLAIM TOTALS	
LAST NAME		RAYMOND		T		LABOR .00	
BUSINESS						PARTS(H/HARKUP) .00	
ADDRESS 1234 KATELLA AVE		STATE CA		ZIP 90630		SUB-TOTAL 594.00	
CITY CYPRESS						TAX .00	
PHONE (714) 372-6000						TOTAL AMOUNT 594.00	
DELIVERY DATE 020195		REPAIR ORDER NO R54321					
CONDITION RETRACTABLE HARD TOP IS INOPERATIVE - MOVEMENT							
CAUSE ECU UNIT FOR TOP IS INOPERATIVE - AT ASC FOR 3 FULL DAYS							
REMEDY REPLACE ECU AND RE-TIME TOP							
SUBLET ASC #321 INUH123456						DELETE	
ENTER SELECTION							

SELECT THE APPROPRIATE LABOR OP # TO
DESCRIBE THE ASC SERVICE CENTER'S REPAIRS.
SELECT THE OPERATION NUMBER FROM THE
ATTACHED LIST OF 'ASC FACILITY' LABOR
OPERATION CODES.

IF AN ASC SERVICE CENTER PERFORMS
ANY WARRANTY REPAIRS, YOU ARE ENTITLED
TO A \$50 HANDLING FEE. ENTER 'R28HANDL' AS
THE OP #. YOU MAY NOT CLAIM THE \$50 FEE FOR
ANY IN-DEALER MITSUBISHI SPYDER WARRANTY
REPAIR.

ENTER THE COST OF THE RENTAL/LOANER CAR
IF PROVIDED TO THE SPYDER OWNER.


MITSUBISHI
 MOTOR SALES OF AMERICA, Inc.

TECHNICAL SERVICE BULLETIN

SUBJECT:

SPYDER PERFORMANCE CHARACTERISTICS

NO. TSB-95-42A-002

DATE May, 1995

MODEL 1995-96 Spyder

PURPOSE

The Spyder is the first passenger vehicle in over 30 years with a retractable hardtop. Since most customers have not had experience with convertibles or retractable hardtops, this Technical Service Bulletin describes some of the convertible hardtop's characteristics (normal conditions) that are different than non-convertible vehicles.

If there are customer concerns about the operation of the hardtop which are not covered in this bulletin, contact your District Service Manager or the National Customer Relations Department.

VEHICLES AFFECTED

1995-96 Spyder

RETRACTABLE HARDTOP CHARACTERISTICS

1. Hardtop and Hard Tonneau Cycle

Normal cycling time for the hardtop and hard tonneau is 30 seconds (total time to put the top up or to put it down). The engine must be running when the hardtop and hard tonneau are cycled. This necessitates the operation be done in a well-ventilated area.

a) If the engine is not running during the cycle, the following problems can occur:

- Under most conditions, the battery will supply enough power to operate the hardtop several times. However, the battery can be drained due to the high amount of current that is consumed during the cycle. It is best to have the engine running when operating the hardtop.
- Due to the low voltage available to the hardtop motor during operation, the hardtop may not always fully latch at the header. When the hardtop isn't fully latched, the quarter windows will not operate.

Continued

FILE UNDER:

Group 42A Body in the Dealer Service Information Binder

(1348)

CIRCULATE TO:



SERVICE ADVISOR



GENERAL MANAGER



SERVICE MANAGER



PARTS MANAGER



WARRANTY PROCESSOR



TECHNICIAN



SALES MANAGER

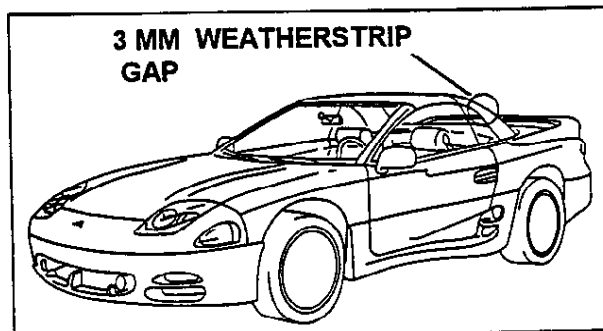
b) If the hardtop does not fully latch with the engine running, perform the following:

- Verify that the battery is fully charged.
- Verify that the charging system is operating normally.
- With the engine running, open the hardtop completely, then try to close it again. If the latching problem is not corrected, hardtop servicing is required.

2. Turbulence at the Quarter Glass

It is normal to hear some turbulence noise from the quarter window area when driving at speeds greater than 40 MPH. Turbulence noise is not the same as wind leak, which makes a high frequency whistle. Turbulence is a lower pitched noise than a wind leak. Use normal diagnostic procedures to confirm whether a noise is a wind leak or turbulence noise.

- The quarter glass weatherstrip is designed with a 3 mm gap between the glass seal and the upper edge of the glass. This gap is normal and should not cause wind leak or turbulence noise. If the gap is more than 3 mm, quarter window servicing is required.



3. Seat Belt Vibration

When driving with the hardtop down, some seat belt vibration against the driver's or passenger's shoulder is normal. This condition is dependent upon the person's physical size and shape. Seat belt vibration is partly due to seat belt positioning and the vehicle's aerodynamics.

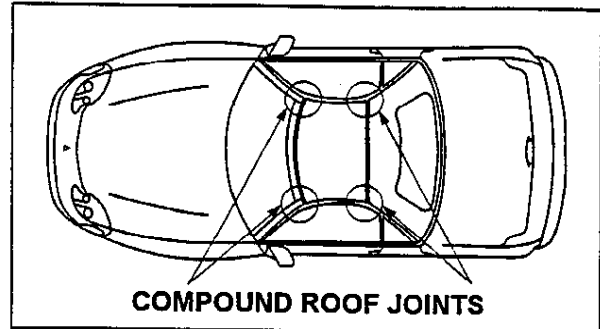
4. Water Leakage/Seepage

Leakage is defined as water that spills over weatherstripping and causes the interior to become wet in a short time. Seepage is defined as water that builds at the weatherstrip and eventually flows down the glass and into the interior.

Continued

By nature of their design, convertible tops normally display some water leakage/seepage under certain ambient conditions. Water leakage/seepage characteristics for the Spyder are:

- **Normal** - Signs of seepage at any or all of the compound roof joints are normal. As with any convertible top, it is normal for some leakage to occur when flooding the seal joints with large amounts of water, such as in an automatic car wash or when spraying at a seal joint with a garden hose.



- **Service Required** - Under normal conditions, the vehicle should not experience any water leakage. Vehicle servicing is required if water leakage occurs under normal conditions.

5. Object-in-Trunk Sensor

A sensor underneath the trunk carpet is designed to notify the hardtop ECU whenever there is an object in the trunk that weighs over seven ounces. The ECU will then prevent the hardtop from cycling at about the halfway point in the cycle. If the hardtop stops at the halfway point and does not continue to close, check for:

- Objects in the trunk
- A disconnected connector at the object-in-trunk sensor

Produced by the MMSA Technical Information Department.

SUBJECT:

RETRACTABLE HARDTOP DOWNSTOP INTERFERENCE

NO. TSB-95-42A-005

DATE November, 1995

MODEL 1995 Spyder

PURPOSE

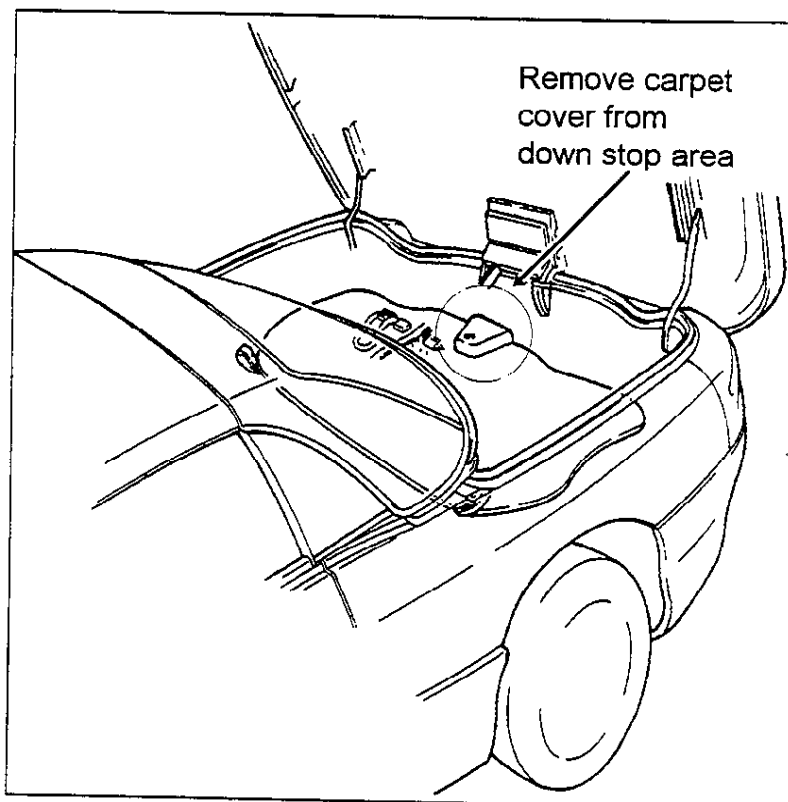
Some 1995 Spyders may have a piece of specially molded carpeting covering the retractable hardtop downstop. This carpeting interferes with the retractable hardtop when it is retracted into the trunk. The carpeting may crease the retractable hardtop weather-strip moulding causing a potential water leak inside the vehicle.

This bulletin instructs the technician to remove the carpeting to prevent potential moulding damage.

VEHICLES AFFECTED

Any Spyders with carpeting that covers the retractable hardtop downstop.

PROCEDURE



1. Using the Hardtop and Hard Tonneau control switches, fully open the tonneau.
2. Gently lift the object-in-trunk sensor enough to gain access to the hardtop down stop.
3. Remove and discard the hardtop down stop carpet cover.
4. Reposition the object-in-trunk sensor to its correct location.
5. Close the hard tonneau.
6. Cycle the hardtop twice on a flat level surface.
7. If the hardtop will not cycle, ensure the object-in-trunk sensor is properly connected.

Continued....

FILE UNDER:

Group 42A Body in the Dealer Service Information Binder (1406)

CIRCULATE TO:



SERVICE ADVISOR



GENERAL MANAGER



SERVICE MANAGER



PARTS MANAGER



WARRANTY PROCESSOR



TECHNICIAN



SALES MANAGER

WARRANTY INFORMATION

Nature Code: 99D Cause Code: 450

Labor Operation Number: R2852000 Time Allowance: 0.2 hr.

Warranty Coverage: 36 months/36,000 miles

Special Warranty Information: On an as needed basis only.

Produced by the MMSA Technical Information Department.

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TECHNICAL SERVICE BULLETIN

SUBJECT:

**"HOMELINK™" UNIVERSAL TRANSMITTER SYSTEM-
FEATURES , PROGRAMMING, & OPERATION**

NO.

TSB-96-00-001

DATE

January, 1996

MODEL

See Below

CIRCULATE TO:


SERVICE ADVISOR



GENERAL MANAGER



SERVICE MANAGER



PARTS MANAGER



WARRANTY PROCESSOR



TECHNICIAN



SALES MANAGER

BACKGROUND INFORMATION

This bulletin explains the programming, operation, and features of the "HomeLink™" Universal Transmitter System. "HomeLink™" is available as optional equipment on the 1995-96 Galant and Spyder and the 1996 Eclipse.

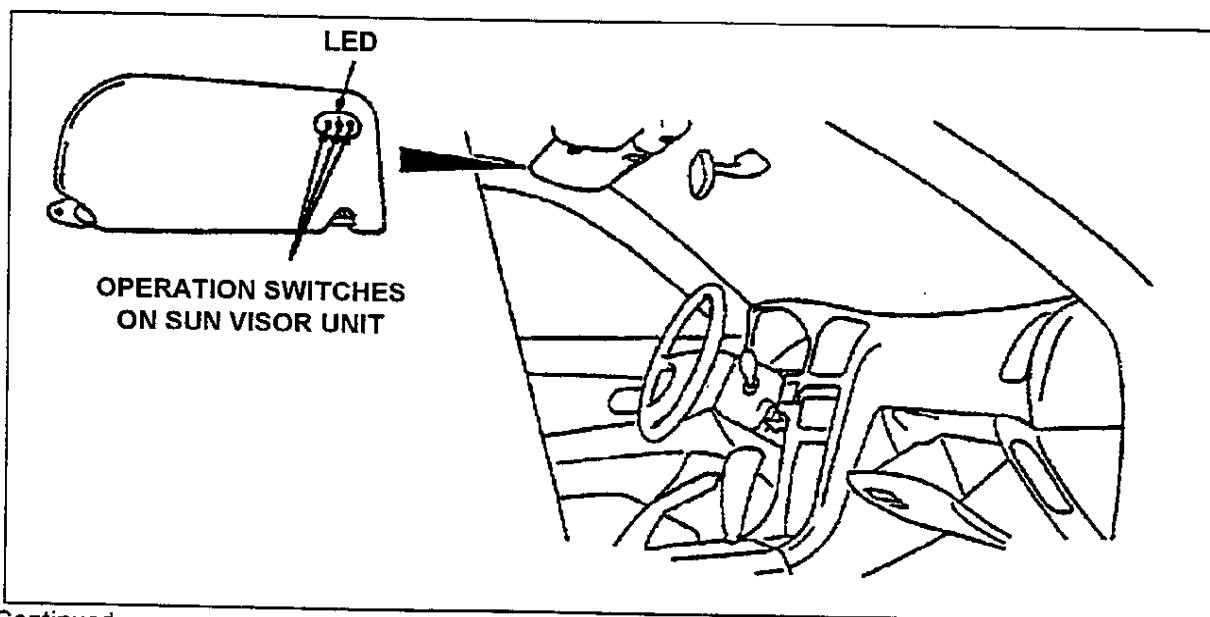
VEHICLES AFFECTED

Vehicles: 1995 Galant & Spyder
1996 Eclipse, Galant, and Spyder

DESCRIPTION OF FEATURES AND OPERATION

The HomeLink™ System has the following features:

- An electronic signal can be programmed into the built-in transmitter in the driver's side sun visor to enable the driver to open and close gates, garage doors, and other doors by remote control.
- The unit is compatible with the frequency bands for most commercially available garage door and gate openers.
- Up to three transmission codes can be recorded and sent by using simple push-button switch operations. With the optional HomeLink™ Lighting Package, these codes can also be used to turn lights and some appliances on and off.
- This unit eliminates the need for up to three different remote control transmitters.



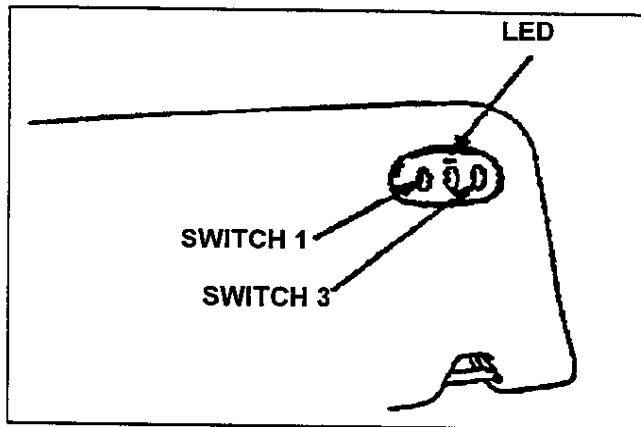
Continued

FILE UNDER:

Group 00 General in the Dealer Service Information Binder

(1444)

CLEARING MEMORY SETTINGS



To clear the recorded signals for all three switches, press switches 1 and 3 simultaneously for 20 seconds or more. When the LED changes from constant illumination to a slow flash (once per second), the memory is cleared.

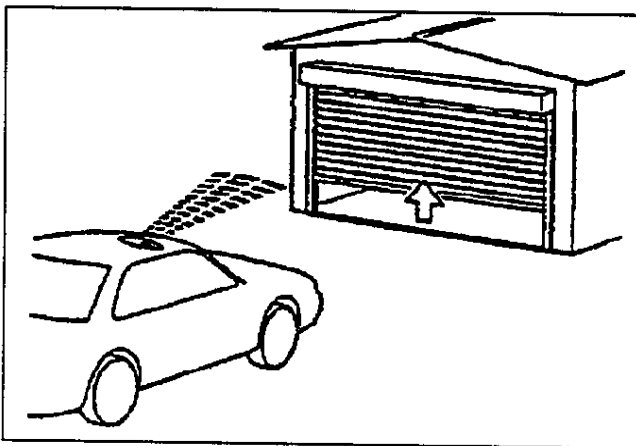
NOTE: You cannot clear the memory for only 1 or 2 of the switches. All 3 are cleared at the same time.

CHANGING MEMORY SETTINGS

To change the setting for a switch, press the switch you want to change, and then follow the same procedure for "MEMORY PROGRAMMING".

TRANSMITTING A RECORDED SIGNAL

Pressing the programmed switch sends out the recorded signal. The LED illuminates while the unit is transmitting.



NOTE:

- 1) To save battery power, the switch turns off automatically if it is pressed continuously for 100 seconds or longer.
- 2) Refer to the instructions supplied with the customer's transmitter for details on operating ranges. The range of the HomeLink™ signal is usually about 85% of the range of the customer's transmitter.

Produced by the MMSA Technical Information Department.



00-01-95
(corrected)
08 June 1995
no:
date:
model:
3000GT Spyder

PARTS BULLETIN

PARTS FOR 3000GT SPYDER

This bulletin outlines the parts procedure for the repair of the retractable hardtop system for the Mitsubishi Spyder. Reference should be made to TSB - 95- 42A - 001 for all repair procedures.

Parts Ordering

All parts are ordered thru the MMSA using the normal ordering procedure. Parts will be drop shipped by ASC to your facility.

Parts Catalog

Service parts which are unique to the retractable hardtop system will be included at the end of the next 3000GT microfiche. They will be found under Group 99 headings. The parts necessary to service the procedures allowed in TSB-95-42A-001 are included below.

Parts which are not included in Group 99 were provided by MMC and can be found in the regular groups of the 3000GT microfiche. For example, the alloy wheels for this vehicle are found in group 31 of the microfiche.

Parts Pricing

Parts pricing can be found in the Pricing microfiche beginning with the May version.

PART NUMBERS AVAILABLE FOR TSB-95-42A-001 REPAIRS

OPERATION	LABOR OPERATION CODE	PART NUMBER
HEADER LATCH ASSY		
"A" Pillar Trim	R28-42-001	RE5099BXX (LH) RE0598BXX (RH)
Header Garnish	R28-42-006	RE1528DRG
HomeLink	R28-42-010	RE9999XXX
Lighted Rear View Mirror	R28-42-015	RE2573AXX
Sunvisor	R28-42-018	RE3411BRG (LH) RE3410BRG (RH)
HARD TONNEAU SYSTEM		
Hydraulic Line Cover	RE28-42-040	REC012AXX
Luggage Floor Box LH	RE28-42-043	RE5003BXX
RH	RE28-42-044	RE5002BXX
Luggage Room Trim Panel LH	RE28-42-046	RE3363AXX
RH	RE28-42-047	RE3362AXX

Tonneau Hinge Cover	RE28-42-057	REB832AXX
Tonneau Skirt	RE28-42-059	REC006BXX
Trunk Center Panel	RE28-42-062	REA881AXX (FR)
		REA880AXX (RR)
Trunk Trim Panel LH	RE28-42-063	RE3363AXX
RH	RE28-42-064	RE3362AXX
RETRACTABLE HARDTOP		
Center Headlining	RE28-52-005	REA051ARG
Center side Extensions	RE28-42-070-	REA867ARG (LH)
		REA866ARG (RH)
Front Center Headlining	RE28-52-006	RE4746ARG
Front Rail Weatherstrip	RE28-42-072	RE7239AXX (LH)
		RE7238AXX (RH)
Fr Rail Weatherstrip Retainer	RE28-42-073	RE3481AXX (LH)
		RE3480AXX (RH)
Side Extensions	RE28-42-095	REB749ARG (LH)
		REB748ARG (RH)
EXTERIOR		
CHMSL	RE28-51-001	MB622662
Door Pin Locator	RE28-51-003	RE8028AXX
Door Trim Panel	RE28-51-004	See Group 43-260
Fender	RE28-51-005	MB637535
		MB637536
Rear Emblem	R28-51-006	RE1655AXX (Triple Diamond)
		RE0821BXN (VR4 - Dk Gray)
		RE0821BXD (VR4 Silver)
		RA0821BXN (SL Dk Gray)
		RA0821BXD (SL Silver)
		RE1012AXN (SPYDER- Dk Gray)
		RE1012AXD (SPYDER-Silver)
		REB725AXN (MITSUBISHI -Dk Gray)
		REB725AXD (MITSUBISHI -Silver)
Side Air Dam	RE28-51-007	REB779AXX (LH)
		REB778AXX (RH)
Spoiler	RE28-51-008	RE7532AXX (Primer)

INTERIOR		
CD Access Door	R28-52-007	REB868AXX
CD Tray	R28-52-008	RE5662BXX (Front)
		RE4885BXX (Rear)
Front Seats	R28-52-009	See Group 53-010
Fr Seat Belt Guide	R28-52-010	RE7837AXG (LH)
		RE7836AXG (RH)
Fr Seat Belts	R28-52-011	RE3369BXX (LH)
		RE3368BXX (RH)
Fr Seat Recline Angle Stop	R28-52-012	RE1002BXX
Qtr Trim	R28-52-014	RE8069ARG (LH)
		RE8068ARG (RH)
Qtr Trim Courtesy Light	R28-52-015	MB617831
Rear Seat Back	R28-52-016	REA907BZG (LH)(Gray)
		REA907BZC (LH)(Beige)
		REA906BZG (RH)(Gray)
		REA906BZC (RH)(Beige)
Rear Seat Belt	R28-52-017	REA909AXI (LH)
		REA908AXI (RH)
Rear Seat Cushion	R28-52-018	See Group 53-110
CHASSIS ELECTRICAL		
CD Changer	R28-54-017	A993RC1X01
Radio Antenna	R28-54-021	REB451AXX (Motor/Drive)
		RE8343AXX (Exterior Nut/Plug/Adapter)
Rear Speaker	R28-54-022	MR142015
Relay Radio Antenna	R28-54-023	MB627959
Tail Lights	R28-54-025	MB698935 (LH)
		MB698936 (RH)



MITSUBISHI
MOTOR SALES OF AMERICA, Inc.

TECHNICAL SERVICE BULLETIN

SUBJECT : FLIPPER DOOR SPRING REPLACEMENT		No: TSB-96-42A-024	
		DATE: December, 1996	
		MODEL: 1995-96 3000GT Spyder	
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 type="checkbox"/> SALES MANAGER

PURPOSE

This bulletin contains instructions for inspecting and replacing the flipper door springs on the 1995 and 1996 model year 3000GT Spyder.

BACKGROUND INFORMATION

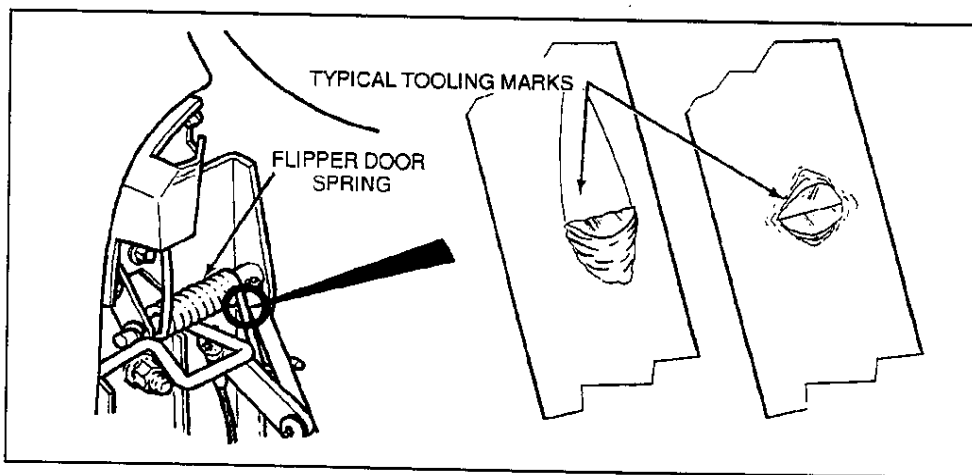
There is a slight possibility that over time and after many cycles of the retractable hardtop, the flipper door springs may break. Whenever an affected unit is in your dealership for service, inspect the flipper door springs for a tooling mark. Replace the spring(s) if the tooling mark is present.

AFFECTED VEHICLES

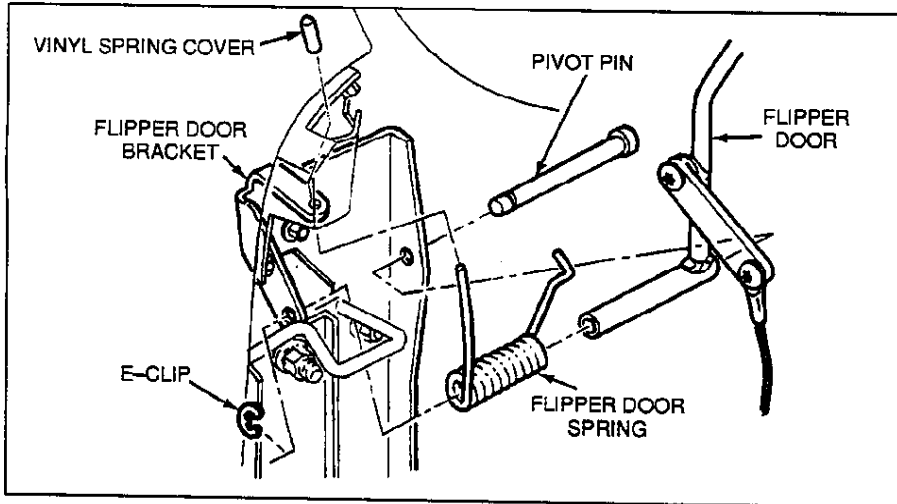
1995-96 3000GT Spyder

PROCEDURE

- Open the hardtop and leave the tonneau open fully.



- Hold down one flipper door at a time and inspect the flipper door spring closely. Look for small tooling marks on the hooked side of the spring near the coil.
 - If the spring(s) have no tooling marks, no further action is necessary. Carefully let the flipper doors go back into position and close the tonneau.
 - If the spring(s) have the tooling mark, carefully let the flipper doors go back into position then proceed with step 3.



3. With small needle-nose pliers, remove the vinyl cover from the end of the flipper door spring.
4. Remove the E-clip from the flipper door pivot pin.
5. Grasp the flipper door assembly and slide out the pivot pin.



Be careful. The spring is under tension.

6. While grasping the flipper door assembly, use a rotating action and work the spring free from the bracket.
7. Remove the spring and replace with the new spring, part number RE2826CXX (right side) and RE2827CXX (left side).
8. Work the spring back into the bracket, again using the rotating action. Position the flipper door into the bracket then insert the pivot pin.
9. Reinstall the E-clip onto the pivot pin.
10. Repeat steps 2 through 9 for the other side of the vehicle.
11. Cycle the hardtop to make sure the flipper doors operate properly.

PARTS INFORMATION

Part Number	Description
RE2826CXX	Flipper Door Spring, Right Side

RE2827CXX

Flipper Door Spring, Left Side

WARRANTY INFORMATION

Flipper Door Spring Replacement	
<i>Nature Code:</i> 99Z	<i>Cause Code:</i> 990
<i>Labor Operation No.</i> R2842000	<i>Time Allowance:</i> 0.7 hr.
<i>Warranty Coverage:</i> 36 months/36,000 miles.	
<i>Special Warranty Information:</i> Normal warranty procedures apply.	

Produced by the MMSA Technical Information Department.

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