3000 GT SPYDER 1995 Owner's Manual Supplement

Diamond Care QUALITY COMMITMENT PROGRAM*

WARNING!

in physical damage to the vehicle or personal injury to the driver or occupant. The manufacturer can not be responsible for damages incurred as a result of failure to follow these instructions. Failurs to follow the directions or heed the warnings and cautions in this manual may result

Introduction

Spyder. We are confident you will enjoy this car, It has been By thoroughly reading this owner's manual supplement, you will gain an understanding of the many features that are included in the 3000GT Spyder. This owner's manual Thank you for selecting the 1995 MITSUBISHI 3000GT engineered for optimum performance, durability and comfort. supplement contains descriptions and illustrations that will assist in the operation and maintenance of your car. This manual includes instructions for standard and optional equipment right to make changes in design and specifications, and/or to make available at the time this manual was printed. Mitsubishi reserves the additions to, or improvements in, its product without imposing any obligations upon itself to install them on its products previously manufactured.

Your Authorized Dealer will be happy to assist you with any further questions you may have regarding the operation of your car.

Please note that this manual supplement applies to only the Spyder

Please leave this manual and the Owner's Manual in this car at time of resale. The next owner will appreciate having access to the information contained in these manuals.

MITSUBISHI HOTOR SALES OF AMERICA, Inc.

Throughout this manual the words WARNING and

CAUTION appear.

These serve as reminders to be especially careful. Failure to follow instructions could result in personal njury or damage to your car.

Warningi

indicates a strong possibility of severe personal injury or death if instructions are not followed.

CAUTION meens hazards or unsafe practices property demage, or result in which could cause personal injury, demage to your car.

You will see another important symbol:

NOTE: gives helpful information.

WARNING

protection or roof strength. Accordingly, this vehicle is not designed or intended to meet any such standards that may apply to sedans or other vehicles with fixed This vehicle is a convertible. There are no federal selety standards for convertibles pertaining to rollover 700fs. Printed in U.S.A.

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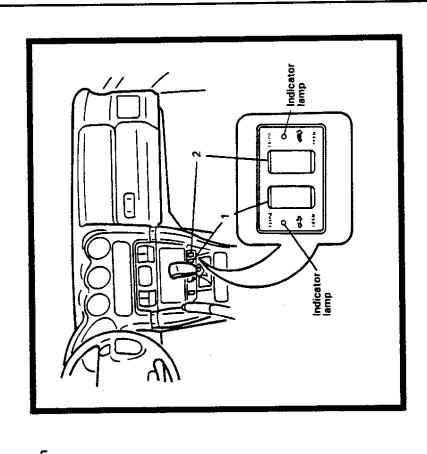
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For emergencies

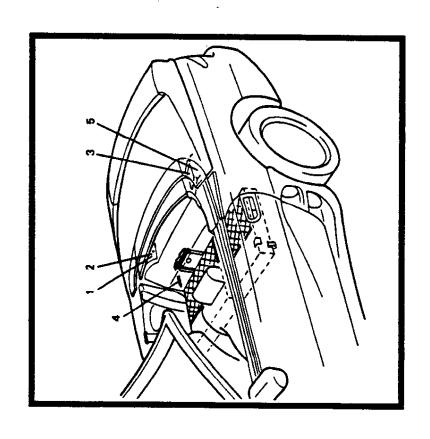
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Overview - controls

- 1. Retractable Hardtop "CLOSE/OPEN" Switch 2. Hard Tonneau "CLOSE/OPEN" Switch



OVETVIEW - Retractable Hardtop and Hard Tonneau Manual Bypass Valves and Labels, and Header Latch Manual Operation Wrench

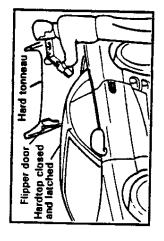


- 1- Hard Tonneau Manual Bypass Valve 2- Label Hard Tonneau Manual Bypass
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Locking and unlocking

Hard tonneau for cargo/hardtop stowage area6

Locking and unlocking

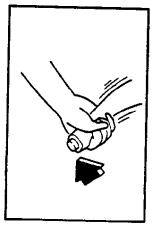


Hard tonneau

The hard tonneau covers the retractable hardtop when the hardtop is open, or it covers the stowage area, which can be used for cargo only when the hardtop is closed. The hard tonneau may be opened and closed without operating the hardtop, but only when the hardtop is closed and latched. When the hardtop is closed and latched when the hardtop is open the hard tonneau switch is rendered inoperative.

The hard tonneau can be opened and closed several ways:

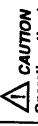
- automatically with the retractable hardtop operation;
 - independently by pressing the hard tonneau switch;
 - manually should the power system become inoperable (see For



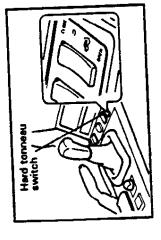
To open or close the hard tonneau without operating hardtop:

emergencies - Opening and closing the hard tonnesu manually).

- 1. Set the parking brake. Make sure the gear selector lever is in the "P" (PARK) (automatic transaxie), or neutral position (manual transaxie).
 - 2. Start the engine.



Operating the hard tonneau system without the engine running will discharge the vehicle's battery, resulting in hard engine starting or a no start condition.



switch on the "OPEN" or "CLOSE" 3. Press and hold the hard tonneau side of the switch. Momentarily the

Then, the chime will sound for 1 second will flash and a chime will sound until the hard tonneau has closed and latched. to indicate that the hard tonneau is fully indicator lamp to the right of the switch When the switch is pressed the red hard tonneau will operate. NOTE

CAUTION

- always make sure there are no items or packages in the hardtop stowage area. Even a hardtop, glass windows of mechanisms. Personal injury (1) WHEN OPENING THE BE-IRACTABLE HARDTOP, amail article could acratch the hardtop's finish or damage the could result.
- operation of the hardtop system if certain articles are weight or placement may affect detection. ALWAYS check the hardtop stowage area for items within the top stowage area. (2) The retractable hardtop trunk sensor that will restrict Object shape, size, material, stowage area has an object-inwhen opening the hardtop.
 - Make sure the hard tonneau is Once the retractable hardtop is opened and stowed do not place any cargo in or around it.
- closed and latched; driving To avoid damage, do not alt or piace excessive weight on the with hard tonneau incompletely closed is hazardous. E

- hard tonneau or the trim panels
- doors (located at the front ends of the hard tonneau) and along where the hard tonneau seals to When opening or closing the hard tonneau keep hands and any part of the body away from moving parts, such as the flipper above the rear seatbacks. the vehicle body. Đ

Locking and unlocking

Quick troubleshooting guide for the hard tonneau (For pleasant driving, in this Manual). (For information and troubleshooting on the hardtop and hard tonneau systems together, see For pleasant driving, in this Manual).

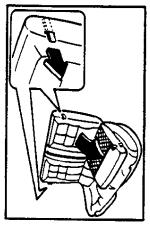
Description of problem	Possible cause	Action to take	Comments
Hard tonneau does not operate.	 The gear selector is not in "p" (PARK) (automatic transaxle). The gear selector is not in neutral (manual transaxle), and the parking brake is not applied. 	 Set the parking brake and place the gear selector in "P" (PARK) (automatic transaxie), then start the engine. Set the parking brake and place the gear selector in neutral (manual transaxie), then start the engine. 	Always apply the parking brake before operating the hardtop or the hard tonneau.
Hardtep is open and hard tonneau will not open using the hard tonneau switch.	Normal operation; tonneau switchis electrically locked-out.		Inanemengencyhardtonneau can be opened manually (see For emergencies in this manual).
Hardtop appears to be closed, but hardtop chime and indicator sound and blink at twice the normal rate, and the hard tonneau will not open or close using the hard tonneau switch.	Hardtop is not fully latched.	Close the hardtop again using the hardtop "CLOSE" switch. Release the switch when the chime and indicator turn off, then push up on the hardtop to be sure it has latched.	In an emergency, the header latches can be operated manually (see For emergencies in this manual).
Hard tonneau will not open or close without engine running.	Vehicle battery is discharged to less than 10 volts.	 Recharge battery. Start the car and allow the battery to recharge. 	Make sure all accessories are off and do not operate hardtop or hard tonneau while battery is recharging.
	Vehicle bettery is over-charged (16 or more volts).	Tumon some or all accessories to lower the battery voltage below 16 volts.	Could indicate possible charging system malfunction.
			Continued

Locking and unlocking continued

Description of problem	Possible cause	Action to take	Comments
Hard tonneau will not open, or opens stowly, with engine running, but pump can be heard running.	 Pump's bypass valve may not be fully in the "POWER" position. Low pump pressure. 	Tum the bypass valve to the "POWER" position until it stops.	If turning bypass valve does not solve problem, have the vehicle serviced.
Hard tonneau's chime and indicator sounding and twice the normal rate, will not turn off when the tonneau appears to be closed.	Indicates that hard tonneau is not fully closed and latched.	Open hard tonneau and check to see that nothing is preventing the hard tonneau from closing, then close the hard tonneau. If the tonneau still will not latch, push down on both front ends of the tonneau to engage latches.	Have the vehicle serviced # you have to push down on the hard tonneau to get it to latch.
Only one hard tonneau latch releases and tonneau does not open.	Latch mechanisms may require service.	DO NOT continue to operate tomeau or hardtop.	• In an emergency, the tonneau can be opened manually (see For emergencies in this manual).
Hard tonneau's chime and indicator sound and blink at twice the normal rate, but does not appear to be associated with any noticeable problem.	May indicate a general malfunction.	DO NOT operate the hardtop or hard tonneau.	In an emergency either system can be operated manually (see For emergencies in this manual). Have the vehicle serviced.

Rear seat and child restraint

Rear seat12 Child restraint12	Seat belts 12				
Child	2005 2005		 	 	



WARNING!

The cargo/hardtop stowage area in the rear of car should never be used as a play area by children. Children should be seated with seat beits fastened when the car is in motion. Be sure that the rear seatbacks are returned to their fully upright position and locked in place.

Rear seat

Rear seat capacity

The rear seating capacity of this car is two people; three people should not occupy the rear seat.

Fold down rear seatbacks

The rear seatbacks can be folded forward to provide additional cargo area. Pull the left and/or right release pull straps, and fold the rear seatbacks forward. Use the nets on the back of the seatbacks to secure items when they are down. Do not use the nets when the seatbacks are upright.

Seat beits

Please refer to your Owner's Manual for full information regarding seat betts.

Child restraint

Mitsubishi recommends the use of an infant carrier or child restraint system dynamically tested to meet federal standards for a small child or baby.

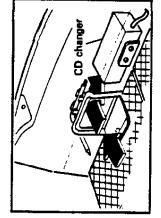
For details on the use of and installation of a child restraint system, see your Owner's Manual.

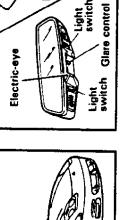
WARNINGI

There is no top strap anchor on Mitsubishi Spyder models. Therefore child restraint seats requiring a top strap system cannot be used on the Mitsubishi Spyder rear seat.

For pleasant driving

CD (Compact-Disc) changer14	Power antenna14	Diversity antenna14	Self-dimming lighted rear view mirror	HomeLink™ Universal Transmitter15	General information about the retractable hardtop system	Retractable hardtop atowage area20	Object-in-trunk sensor21	Cold weather driving21	Power quarter windows and door windows22	Opening the retractable hardtop23	Air conditioning25	Closing the retractable hardtop25	Rooftop carrier and luggage rack28	Theft-alarm system28
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·Light switch

Electric-eye

Self-dimming lighted rear view mirror

mirror is self-dimming, meaning it can control reflected headlight glare from vehicles behind you. The glare control This Spyder-unique lighted rear view feature is variable using the sliding the mirror automatically returns to the gear selector is in the "A" or reverse switch. In the "MAX" position optimum glare control is available. In the "OFF" position the mirror is full-bright, or normal normal mode whenever the transaxle keep the front and rear electric-eyes clean, and don't cover them with stickers position. For optimum performance, (non-glare controlled mode.) For safety or tags.

CD (Compact-Disc) changer

right seatback forward, open the access door, and then reach through the access The CD changer is located behind the hole. To your immediate right you'll find the CD changer. See your Owner's right rear seatback. To access it fold the Manual for operating instructions.

front fender, instead of in the left rear power antenna relocated in the right quarter. The operation and function

remain the same as non-Spyder models. See your Owner's Manual for more

Mitsubiahi Spyder models have the

Power antenna

WARNING

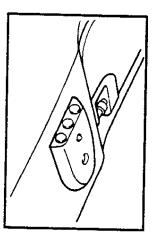
returned to its fully upright Be sure that the seatback is Position and locked in place.

Diversity antenna

details.

available on Spyder models. This is an antenna that consists of both a rear The optional Diversity Antenna is not window glass antenna and a power antenna.

The mirror has built-in courtesy/map lights. With the ignition switch in the "ON" position, courtesy lights come on when a vehicle door is open; the map lights can be operated separately.



HomeLink™ Universal Transmitter

The HomeLink™ Universal Transmitter is located in the center of the windshield header garmish. It provides a convenient way to consolidate the functions of up to three individual hand-held transmitters into one handy built-in device.

Into one handy built-in device.

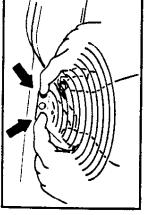
The HomeLink™ Universal Transmitter will operate garage doors, security gates, or most radio frequency receivers. With the optional Lighting Package, home/office lighting systems, and security systems are operated with the HomeLink™ Universal Transmitter. The HomeLink™ Universal Transmitter is built-in and powered by your vehicle's batteries are required (except the vehicle's charging system).

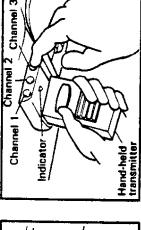
Training the HomeLink™ Universal Transmitter

During this training your garage door or security gate will open or close. Make sure that people or objects are clear of the garage door, gate, etc. that you are training. Your vehicle's engine should be turned off while training your transmitter. The Home Link**

Transmitter may not work with older garage door openers that do not meet current Federal Consumer Safety Standards.

For pleasant driving





Rapid flash	Rapid flash (Release buttons- training successful)
Slow flash	(Continue holding)
8	

- 1. If you have trained a HomeLink™ channel, proceed to step 2. Hold down the outside two buttons on the HomeLink™ Transmitter until the red light begins to flash rapidly (approximately 20 seconds), then release both buttons.
- 2. Decide which of the three HomeLinkTM channels you want to train.

 3. Hold the end of your hand-held
- 3. Hold the end of your hand-held transmitter against the bottom surface of the HomeLink™ Transmitter so that you can still see the red light.
- 4. Press the desired HomeLink™ button until the red light flashes slowly. Do not release the button. Continue holding and press the hand-held transmitter button through step 5.
 - 5. Hold down both buttons until you see the I down both buttons until you see the red light on the HomeLink™ Transmitter flash rapidly (this may take 10-90 seconds). Then release both buttons. The rapid flash means that the HomeLink™ Transmitter has been successfully trained to match your hand-held transmitter. You can now use the HomeLink™ Transmitter instead of your hand-held transmitter.

NOTE

Canadian users: During training, your hand-held transmitter may automatically stop transmitting after 1 or 2 seconds

which may not be long enough for HomeLink¹²⁴ to train. If you are training from one of these transmitters, the HomeLink¹²⁴ indicator light may prompt you to reactivate your hand-held transmitter with a series of double blinks. After you re-activate your hand-held transmitter, the HomeLink¹²⁴ indicator light should blink rapidly indicating a successful train. If it returns to the slow blink of train mode, continue to periodically re-activate your hand-held transmitter until a successful train is indicated by the rapidly flashing indicator light.

Operating the HomeLinkTM Transmitter once it is trained

NOTE

(1) The effective transmission range of the HomeLink™ Transmitter may differ from one channel to another and from your hand-held transmitter. To operate, simply press the appropriate button on the HomeLink™ Transmitter. The red light illuminates while the signal is being transmitted.

Example: You have trained your security system to channel 1, garage door to channel 2, and home lights to channel 3. If you want to open your garage door, just press button 2 on

the HomeLink[™] Universal Transmitter,

other home lighting and security products, call 1-800-355-3515.

(2) Be sure to keep your original hand-held transmitter for possible retraining if the becomes necessary to erase the HomeLinkTM transmitter (see Erasing the HomeLinkTM Universal Transmitter).

if you have trouble training the HomeLink™ Transmitter

Be sure to read and follow the instructions explicitly. If the HomeLink™ Transmitter does not train, reread the instructions and try again. Check these important details:

- Make sure the batteries in the handheld transmitter are not dead;
 - Hold the hand-held transmitter in the exact position described, against the HomeLink™ Transmitter;
 - Hold the buttons for duration of the training, without interuption;
 - Rotate your hand-held transmitter end-over-end and train again. For best results, place the end opposite the battery compartment against the HomeLink™ device when training.

Hafter repeated attempts your unit will not train, or if you are interested in

CAUTION

- hardtop's finish or damage the hardtop, glass windows or mechanisms. Personal injury always make sure there are no items or packages in the hardtop stowage area. Even a small article could acratch the RETRACTABLE HARDTOP OPENING could result. (1) WHEN
 - The retractable hardtop slowage area has an object in-trunk sensor that will restrict operation of the hardtop eystem if certain articles are weight or placement may affect detection. ALWAYS check the hardtop stowage area for Items within the top stowags area. Object shape, size, material, 8
 - retractable hardtop, keep foints and any part of the When opening or closing the hands clear from roof panel hardtop or hard tonneau when opening the hardtop. mechanisms. ව
 - Keep hands and any part of the body away from moving parts 3

- windows, and the top of the door windshield header where the such as power quarter power hardtop secures. windows,
- that you will operate the Before and during opening and closing of the hardtop or hard passengers are made aware retracting or closing and the eystem. Otherwise, personal injury may result from the tonneau, make sure that your quarter windows unexpectedly door windows raising or lowering. 3
 - Operating the retractable engine running may discharge the vehicle battery, resulting In hard engine starting or a no hardtop system without the start condition. 9
- (7) Once the hardtop is lowered do not place any cargo in or around the hardtop.
 - Make sure the hard tonneau is closed; driving with the hard tonneau incompletely closed is hazardous. 9
- place excessive weight on the To avoid damage, do not sit or hard tonneau or the trim panels 6

- above the rear seatbacks (0)
- Never press the hardtop "OPEN" switch solely to Never operate the retractable hardtop or the hard tonneau while the vehicle is in motion.

retract the quarter windows

after the hardtop has closed

"OPEN" switch solely to lower Never press the hardtop the door windows. and latched. 23

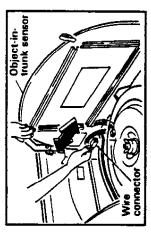
Retractable hardtop stowage

Although the rear compartment area is it may be used as a trunk or luggage compartment when the hardtop is in the closed position. Before opening the hardtop, any frem in this area must be primarily intended for hardtop stowage, removed.

Object-intrunk sensor

Object-in-trunk sensor

sensor located in the cargo/hardtop removable trunk floor board. The system The Spyder has an object-in-trunk stowage area. The sensor consists of a pressure-sensitive mat bonded to the is designed to restrict operation of the scratch the hardtop's finish or damage hardtop system if articles are within the shape, material, weight or placement may affect detection. ALWAYS check glass windows or mechanisms. Personal Injury could hardtop stowage area. Object size, the stowage area for items when opening the hardtop. Even a small article could the hardtop, result.



To remove the object-in-trunk sensor, raise the front of it, disconnect the wire connector at the luggage compartment floor box, then remove the sensor from the stowage area.

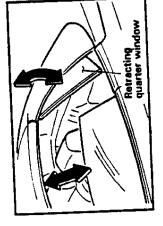
NOTE

When you reinstall the sensor, be sure to reconnect the wire connector, otherwise the hardtop will only open partway and stop, until the sensor is reconnected.

Cold weather driving

Before opening or closing the retractable hardtop be sure to clean off any snow or ice from the vehicle, particularly the hardtop roof and tonneau, which could cause damage when the hardtop and/or tonneau is operated. Cleaning off the hardtop and tonneau will also avoid getting snow and keep in the cargo/hardtop stowage area which could melt and refreeze.

Do not operate the hardtop or tonneau if icing has not allowed either system to function. When icing has occurred, allow the vehicle to stand in a warm area to thaw.



Power quarter windows and door windows

The power quarter windows and door windows are part of the retractable

hardtop's "one-touch" system.
Unlike the door windows which have separate drive motors, the quarter windows cannot be operated individually because one motor drives both windows simultaneously. No switch is provided to operate the quarter windows separately. DO NOI use the quarter windows remain closed while the hardtop is

closed and latched.
When the hardtop opens, automatically the quarter windows retract and the door windows lower.

But only when closing the hardtop, what is called the automatic all-window glass-

closed and up" feature, can be used to close the quarter and door windows simultaneously. This feature can be used for convenience for when you want to secure and lock the vehicle after having the hardtop open.

To use this feature, for instance when closing the hardtop to secure the vehicle, press and hold the hardtop "CLOSE" switch after the time-delay feature stops the hardtop near the windshield. Holding the switch after the header latches latch, and the hard tonneau latches, will close the quarter windows and door windows.

NOTE

- 1. The quarter windows may be fully closed before the door windows. So closed before the door windows. So continue to press and hold the "CLOSE" switch until the quarter windows and door windows are closed and the 1 second chime sounds. Then, if you wish, use the door window switches to lower the
- door windows.

 Aithough the door windows can be raised and lowered independently of the quarter windows using the door window switches, they will also operate simultaneously with the quarter windows regardless of what position they are in when the hardtop pressed.

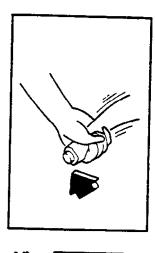
 or "CLOSE" switch is pressed.

A CAUTION

- (1) DO NOT, at any time press the hardtop "OPEN" switch to solely open the windows. Pressing the "OPEN" switch solely to open any of the window glass will, without notice, unlatchthehardtopend hard tonneau, and possibly start opening thehardtonneau and hardtop. DO NOT drive the vehicle with the header latches not fully fatched.
- (2) Whenever the hardtop "Open" switchis accidentally pressed, open the hardtop using the procedure in this section (see Opening the retractable hardtop using the procedure in this section (see Opening the procedure in this section (see Closing the procedure in this section (see Closing the retractable
- hardtop).
 ALWAYS be sure BOTH quarter windows have retracted. DO NOT open the hardtop if BOTH windows do not fully retract.

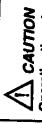
- (4) The hardtop may not open if the quarter windows do not retract. Therefore, DO NOT ATTEMPT TO OPEN THE HARDTOP MANUALLY; see your nestest Authorized Mitsubishi Desier for repairs.
 (5) In an emergency, do not force the door or quarter windows.
- be operated manually. To do this, refer to For emergencies in this owner's manual supplement.





Opening the retractable hardton

- 1. Set the parking brake. Make sure the gear selector lever is inthe 'P' (PARK) (automatic transaxle), or neutral position (manual transaxle).
 - 2. Be sure that the exterior of the hardtop is completely clean and dry.
 - 3. Start the engine.



Operating the retractable hardtop system without the engine running may discharge the vehicle battery, resulting in hard engine starting or a no start condition.

LOW OR DISCHARGED BATTERY

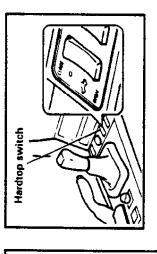
- (1) If the vehicle battery voltage is less than 10 volts, the retractable hardtop system may not have enough energy to operate property or at all.
 - Example: When opening the retractable hardtop the quarter windows may retract but the hardtop will not open; or if the hard tonneau is opened independently it may not close under power.
 - (2) If the vehicle battery is discharged the battery must be charged or the car must be started and the battery allowed to recharge before attempting to resume hardtop operation.
 - (3) If the battery cannot be charged, or the car started, the closing of the hardtop, opening and closing of the hard tonneau or header latches can



(t) WHEN OPENING THE RETRACTABLE HARDTOP, always make sure there are no packages in the hardtop stowage area. Even a small article could scratch the hardtop's finish or damage the hardtop, glass windows or mechanisms. Personal injury could result.

(2) The retractable hardtop stowage area has an object-lin-trunk sensor that will restrict operation of the hardtop system if certain articles are within the hardtop stowage area. Object shape, size, material, weight or placement may affect detection. ALWAYS check the hardtop stowage area for items when opening the hardtop.

(3) When opening the hardtop, ALWAYS be sure BOTH querter windows have retracted. DO NOT open the hardtop if BOTH windows do not fully retract. See your Authorized Mitsubishi Desier for repairs.



Press and hold the hardtop "OPEN" switch to open the hardtop.

NOTE

(1) When the hardtop "OPEN" switch is pressed sequentially the quarter windows retract and door windows lower, and the header latches unlatch, and the hard tonneau unlatches and begins to open along with the hardtop.

(2) If the hardtop only opens halfway and stops, and the chime and indicator flash and sound at twice their normal rate, that is an indication that:

an object has been detected by the object-in-trunk sensor or,

 the object-in-trunk sensor is not connected.

Remove the object or reconnect the sensor, then go to Step 5.

5. Press and hold the hardtop "OPEN" switch. Release the switch after the hard tonneau has closed and latched and the chime and indicator have turned off. After the chime and indicator turn off the chime will sound for 1 second to indicate the opening of the hardtop is complete.

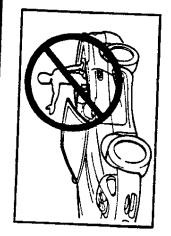
H.

If the hardtop stops and reverses direction and stops at the haifway closed position, that is an indication that:

an object that was not detected earlier (due to size, shape, material, weight or placement) has now been detected by the object-in-trunk sensor, or;

 an item has just been placed in the top stowage area while the hardtop was being opened. Remove the object and resume opening the hardtop.

If desired, raise the door window glass using the door window switches.



(I) CAUTION

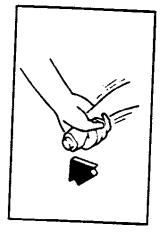
To avoid damage, do not alt or place excessive weight on the hard tonness or the trim panels above the rear seatbacks.



NOTE

temperature sensor for the air conditioning is now reading the When the hardtop is open, the in-car temperature inside the hardtop stowage area. Therefore, when using the A/C set select the fan speed using "FAN". Set the temperature control ("TEMP") to a the "MODE" to the desired selection and comfortable setting as required.

The A/C system is not designed to cool the vehicle with the handtop open.



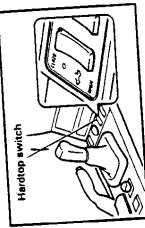
Closing the retractable hardtop



place excessive weight on the hard tonneau or the trim panels To avoid damage, do not sit or above the rear seatbacks.

- 1. Set the parking brake. Make sure the gear selector lever is in the "P" (PARK) (aulomatic transaxie), or neutral position (manual transaxie).
 2. Start the engine.

battery, resulting in hard engine running may discharge the system without the engine Operating the retractable hardtop starting or a no start condition. CAUTION



3. Press and hold the hardtop switch on the "CLOSE" side until the hardtop stops near the windshield header, then release the switch.

The hardtop has a safety feature that stops the hardtop near the windshield. NOTE

windshield header where the hardtop 4. Make sure there is nothing atop the

for 1 second to indicate closing of the indicator turn off, the chime will sound the hard tonneau has closed and have turned off. After the chime and latched, and the chime and indicator 5. Press the "CLOSE" switch and release it only after quarter windows and doors windows have fully closed,

hardtop is complete.

NOTE

position they are in when the hardtop door window switches, they will also operate simultaneously with the quarter windows regardless of what (2) Aithough the door windows can be raised and lowered independently of the quarter windows using the you wish, use the door window switches to lower the door windows. (1) The quarter windows may be fully closed before the door windows. If

"OPEN" or "CLOSE" switch is

pressed

windows. If the quarter windows do not close see your nearest Authorized Mitsubishi Dealer for in an emergency, do not force the CAUTION repairs. 8

- hardtop "OPEN" switch to solely open the windows. (1) DO NOT, at any time press the Pressing the "OPEN" switch solely to open any of the window glass will, without notice, unlatch the hardtop and hard tonneau, and possibly start opening the hard tonneau and hardtop. DO NOT drive the vehicle with the header latches not fully latched.
 - (2) Whenever the hardtop using the procedure in this section (see Opening the retractable hardtop), and close hardtop using the pressed, open the hardtop procedure in this section (see "OPEN" switch is accidentally Closing the retractable hardtop). ţ



(I) CAUTION

could scratch the hardtop's finish packages in the cargo/hardtop stowage area when you open the Make sure there are no Items or hardtop. Even a small article or damage the hardtop, glass windows or mechanisms.

> push up on the front of the hardtop. If the hardtop is not latched, repeat To confirm that the hardtop is latched, Steps 5 and 6.

NOTE

operate the latches manually (see For emergencies - Header latches, in this If you still cannot latch the hardtop, Manual).

NOTE

Although the rear compartment area is it may be used as a trunk or luggage closed position. Before lowering the hardtop, any item in this area must be compartment when the hardtop is in the primarily intended for hardtop stowage, emoved.

Rooftop carrier and luggage

A roof top or luggage carrier of any type or design MUST NOT be used on the Spyder's retractable hardtop or hard tonneau. This includes, but is not limited to ski, bicycle or luggage racks. Damage to the retractable hardtop and/or hard tonneau may result.

Although the rear compartment area is primarily intended for retractable hardtop stowage, it may be used as a trunk or luggage compartment when the retractable hardtop is in the closed position. Before opening the hardtop, any item in this area must be removed.

You can also fold down the rear seatbacks for additional load carrying space.



Make sure there are no packages in the cargo/hardtop stowage area when you lower the hardtop. Even a small erticle could acratch the hardtop's finish or damage the hardtop, glass windows or mechanisms.

Theft-alarm system

NOTE

- 1. The theft-alarm system operates as described in your Owner's Manual, with the exception where references to the hatchback are made; the Spyder's hard tonneau replaces the hatchback. The hard tonneau cannot be unlocked by key.
- 2. The theft-alarm system is fully functional when the hardtop is open.



When the hardtop is open and the alarm is armed, the hard tonneau can still be manually opened and closed without activating the alarm.

For pleasant driving

Quick troubleshooting guide for the hardtop and hard tonneau (For information and troubleshooting on the hard tonneau system alone, see Locking and unfocking, in this Manual.)

Description of problem	Possible cause	Action to take	Comments
Hardtop or tonneau does not operate.	The gear selector is not in "P" (PARK) (automatic transaxle). The gear selector is not in neutral (manual transaxle), and the parking brake is not applied.	 Set the parking brake and place the gear selector in programme. P. (PARK) (automatic transaxie), then start the engine. Set the parking brake and place the gear selector in neutral (manual transaxie), then start the engine. 	Always applythe parking brake before operating the hardtop or the hard torneau.
Hardtop is open and hard tonneau will not open using the hard tonneau switch.	Normal operation; tonneau switch is electrically locked-out.		Inanemergencyhardtonneau can be opened manually (see For emergencies in this manual).
Hardtop appears to be closed, but hardtop chime and indicator sound and blink at twice the normal rate, and the hard tonneau will not open or close using the hard tonneau switch.	Hardtop is not fully fatched.	Close the hardtop again using the hardtop "CLOSE" switch. Release the switch when the chime and Indicator turn off. Wait for the 1 second chime, then pushup on the hardtop to be sure it has latched.	In an emergency, the header latches can be operated manually (see For emergencies in this manual).

Continued

For pleasant driving Continued

Description of problem	Possible cause	Action to take	Comments
Hardtop and/or tonneau will not open or close without engine running.	Vehicle battery is discharged to less than 10 volts.	 Recharge the battery. Start the car and allow the battery to recharge. 	Make sure all accessories are off and do not operate the hardtop or hard tonneau while the battery is recharging.
	Vehicle battery is over-charged (16 or more volts).	Turnon some or all accessories to lower the battery voltage below 16 volts.	Could indicate possible charging system malfunction.
Hard tonneau and/or hardtop will not open, or opens slowly, with engine running, but pump(s) can be heard running.	 Pump's bypass valve(s) may not be fully in the "POWER" position; Low pump pressure 	Turn the bypass valve to the 'POWEH' position until it stops.	If turning bypass valve does not solve the problem have the vehicle serviced.
Hard tonneau's chime and indicator sounding and binking at twice the normal rate, will not turn off when the tonneau appears to be closed.	Indicates that hard tonneau is not fully closed and latched.	Openhard tonneau and check to see that nothing is preventing the hard tonneau from closing, then close the hard tonneau. If the tonneau still will not latch, push down on both front ends of the tonneau to engage latches.	Have the vehicle serviced if you have to push down on the hard tonneau to get it to latch.
Only one hard tonneau latch releases and tonneau does not open.	Latch mechanisms may require service.	DO NOT continue to operate tomneau or hardtop.	 In an emergency, the ton- neaucanbe opened menually (see For emergencies in this manual). Have the vehicle serviced.

Continued

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For pleasant driving

Continued

Description of problem			
manon o nondina	Possible cause	Action to take	Commente
Hardtop stops at halfway open position white opening, and chime and indirectors	Object-in-trunk sensor disconnected.	Reconnect object-in-trunk sensor.	
blink at twice the normal rate.	Object detected by object- in-trunk sensor.	Remove detected object.	
Hardtop opens, but then reverses direction, and stops halfway closed	Object detected by object- in-trunk sensor.	Remove detected object.	
	 Anobject has been placed in the stowage area while the hardtop was being opened. 		
Hardtop stops several inches from the windshield header while closing.	Normal operation.	Release the switch, make sure nothing is between the header and the hardtop, and press the	Normal condition; hardtop has a safety feature that allows you to checkthat nothing is between the
Hard tonneau or hardtop's chime and indicatorsound and blink at twice the normal rate, but does not appear to be associated with any noticeable problem.	May indicate a general malfunction.	DO NOT operate the hardtop or hard tonneau.	header and the hardtop. In an emergency either system can be operated manually (see For emergencies in this Manual). Have the vehicle serviced.

Car care

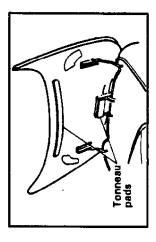
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Cleaning the interior of your car34	Cleaning the exterior of your car34				
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Car care

Cleaning the interior of your car

Headlining

Clean with a mild soap solution or a reliable vinyl cleaner. Apply a small amount of solution with a clean cloth or sponge, then wipe with a damp cloth. When the lather has been removed, wipe again with a soft, clean cloth.



Hard tonneau pade

Regularly vacuum the hard tonneau pads to keep them free of dust and dirt.

Cleaning the exterior of your

About the Spyder finish

The retractable hardtop and hard tonneau have been finished with the same high-quality finish as the rest of your car. For more information and recommendations, please see your Owner's Manual for all the topics discussed below.

Washing

As with the rest of the car, wash it with water, and not in direct sunlight. Start washing from the roof panels, working downward, using a sponge and water. Always make sure the retractable hardtop is closed and latched, and that the hard tonneau is closed and latched. Otherwise, water may gain entry, causing damage to the header latch system, interior parts or corrosion of the hardtop's mechanisms.

hardtop's mechanisms.

After washing, wipe water from body surfaces by using a chamois or soft cloth.

NOTE

When using a high pressure washer avoid directing high pressure spray at the weatherstrips.

Waxing the retractable hardtop and hard tonneau

The retractable hardtop and hard tonneau should be waxed like the rest of the car.

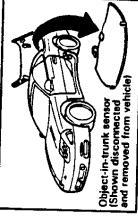
Be careful when waxing around the weatherstrips and mating surfaces of the retractable hardtop and the hard tonneau, not to put any wax on the weatherstrips (black rubber). If stained with wax, the weatherstrip may not maintain a weatherproof seal with other components.

Pollshing the retractable hardtop and hard tonneau

Treat them the same recommended way as you would the rest of the car.

For emergencies

Spare tire, jack and tool set storage 36	General Information on retractable hardtop manual operation	Opening and closing the hard tonneau manually	Closing the retractable hardtop manually 40	Header latches45	Replacement of light bulbs47
Spare	Genera	Openl	Closin	Head	Replac



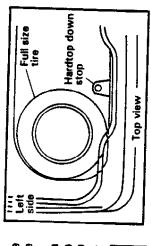
Spare tire, jack and tool set storage

the vehicle finish by covering the rear

fender.

The spare tire, jack and tool set are stowed in the cargo/hardtop stowage area.

To access them, first, close and latch the retractable hardtop, and then open the hard tonneau using the hard tonneau "OPEN" switch, or use manual operation.



To store the full size tire, reinstall the object-in-trunk sensor and reconnect the wire connector, and place the tire to the far left in the hardtop stowage area.



Lowering the retractable hardtop partway to open the hard tonneau is not recommended. You could easily scratch the hardtop while removing the apare tirs; use the hard tonneau "CLOSE/OPEN" switch.

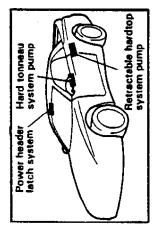
For taking the jack, tire, etc. in and out, ilrst disconnect and remove the object-in-trunk sensor (located in the cargo/ hardtop stowage area covering the spare tire, tool set and luggage compartment floor boxes). For information on removal of the object-in-trunk sensor, see For pleasent driving - Object-in-trunk sensor, page 21, in this Manual.

It is easier to remove the spare from the passenger side (it is closer to you). You may want to protect your clothing and

CAUTION

- (1) The stowage compartment for the spare tire is intended ONLY for the spare, not the full size tire and wheel.
- (2) Make sure the hardtop down stop clears the tire while closing the hard tonneau.

For more information regarding handling the spare, jacking and tire changing, etc., see your Owner's Manual.



General information about operating the retractable hardtop system manually



The retractable hardtop system consists of two separate hydraulic systems; one powers the retractable hardtop and the other powers the hard tonneau. There is also a power latch system focated in the windshield header.

Should one or more systems become inoperable, refer to the appropriate

heading or combinations of chapter headings, depending on the circumstances:

(2) Once you are reasonably satisfied that normal operation is not possible then proceed with manual operation.

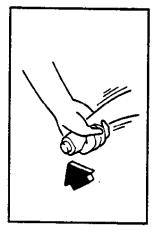
- . For pleasant driving
- Opening the retractable hardtop
 - Closing the retractable hardtop
 - Locking and unlocking Hard
 - tonneau For emercence
- For emergencies
- Opening the hard tonneau manually
 - Closing the hardtonneau manually Closing the retractable hardtop manually
 - Header latches

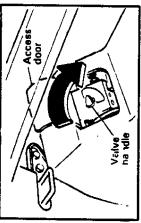
NOTE

- (1) Before you attempt to operate any system manually, check that nothing was overlooked that might otherwise allow normal automatic operation, such as:
 - Make sure the manual bypass valve for each hydraulic pump/motor Is in the "POWER" position. The system may not work properly or at all if the valves are not closed all the way.
 - Be sure the object-in-trunk sensor is
- connected.

 Make sure vehicle battery is charged and, if possible, the engine running. If battery voitage is less than 10 volts, the hardtop system may not have enough energy to operate properly or at all.

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Opening and closing the hard tonneau manually

To open the hard tonneau

- Set the parking brake. Make sure the gear selector lever is in the "P" (PARK) (automatic transaxle), or neutral position (manual transaxle).
- 2. Open the car's passenger side door. Fold the passenger side rear seatback down to expose the carpeting behind the seats.

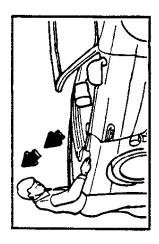
 The hard tonneau's pump/motor is on the passenger side.
 - on the passenger side.

 3. Open the passenger side access door on your left, and reach in and rotate the bypass valve handle clockwise 90° to the "MANUAL" position, until it stobs.

4. Pull the hard tonneau release lever, located to the left beside the driver's seat, up to release the hard tonneau. Make sure both letches are released.

I\ CAUTION

Never pull the tonneau release lever, except to operate the hard tonneau manually. Otherwise the tonneau will not be fully closed. Driving with the tonneau incompletely closed is hazardous.



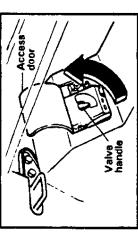
the hard tonneau along the side from underneath, with both hands placed 5. Standing at the passenger side, grasp near the front and side center. Slowly lift until it is all the way up.



hard tonneau system prevents the hard Hydraulic back-pressure created in the tonneau from being raised quickly.



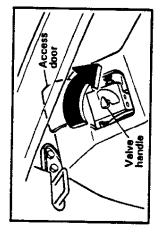
The hard tonneau may close unexpectedly before you return the bypass valve to the "POWER" position.



6. Immediately reach in and return the bypass valve to the "POWER" position by rotating the handle counterclockwise 90° until it stops. This will keep the hard tonneau up without additional support.



If the bypass valve is not completely closed after raising the hard tonneau it may slowly close without warning.



To close the hard tonneau

 Open the vehicle's passenger side door. Reach in and rotate the bypass valve handle clockwise 90° to the "MANUAL" position, until it stops.



The hard tonneau may begin to close immediately when the bypass valve is turned to the "MANUAL" position.



2. Using gentle but firm pressure, push down on the hard tonneau until it is completely closed.

NOTE

The hard tonneau will not slam closed due to the back-pressure in the hydraulic system. DO NOT APPLY EXCESSIVE FORCE TO CLOSE THE HARD TONNEAU.

3. Using a hand-on-hand method, press down on the hard tonneau to latch it. You should hear an audible click when it fatches. Make sure that it is fatched by gently, but firmly, pulling up on the hard tonneau near the front and side center (near the latch). Repeat for the

CAUTION

Make sure the hard tonneau is closed and latched before driving.

- 4. Return the bypass valve to the "POWER" position until it stops.
 - 5. Close access door.
- Return seatback to its fully upright position and lock in place.

OTF

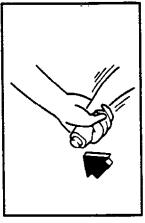
The manual bypass valve must be in the "POWER" position in order to operate the hard tonneau electrically.

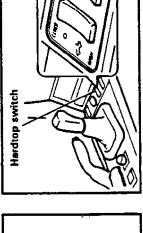
Closing the retractable hardtop manually

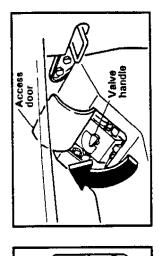
(I) CAUTION

4

Closing the retractable hardtop requires two individuals. If you encounter any difficulties, do not continue to close the hardtop and seek assistance/help at your nearest Authorized Mitsubishi Desier.







 Set the parking brake. Make sure the gearselector lever is inthe "P" (PARK) (automatic transaxle), or neutral position (manual transaxle).

Dosition (manual transaxie).

2. Start the engine.

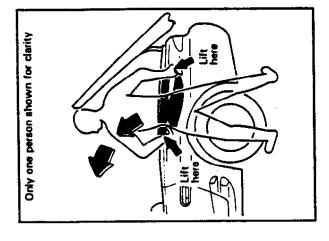
NOTE

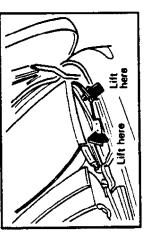
If the engine will not start and the battery does not have enough energy to lower the door glass windows, open both

vehicle doors.
This will allow the hardtop's seals to mate correctly to the door glass windows when they shut, after the hardtop is closed.

- 3. Press and hold the hardtop switch on 4. Fold the "CLOSE" side.
- At this time the hard tonneau should open revealing the folded hardtop. If it does not open, see For emergencies Opening and closing the hard tonneau manuelly, page 38, in this Manual.
- 4. Fold the driver side rear seatback down to expose the carpeting behind the seatbacks.
 The retractable hardtop pump/motor
- is on the driver side.

 5. Open the access door on the driver side, reach in and rotate the bypass valve handle clockwise 90° to the "MANUAL" position, until it stops.





one hand under the rear portion of the With you on one side of the car and your helper on the other, each put hardtop, and the other hand under the front portion of the hardtop.



- (1) Keep your fingers clear of the hardtop hinges, mechanism and roof joints.
- remove all jewelry (rings, (2) To avoid risk of personal injury, bracelets, wrist-watches, etc.) from your hands.
- quarter windows. Damage to the quarter window system and/or personal injury may (3) DO NOT lift the hardtop by the result.



 Using a constant lifting motion slowly lift the hardtop approximately halfway up, or use the atternate method of raising it in increments (see below).

NOTE

Hydraulic back-pressure created in the hardtop cylinders prevents the hardtop from being raised quickly.

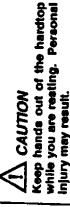
Suggestion:

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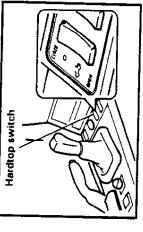
will allow you to rest between lifts. To do can. Then, with one person supporting the hardtop the other person closes the bypass valve. This will effectively hold the hardtop you're reacty to continue, make sure one of you is supporting the hardtop before the at that position so you can rest. When If you and your helper cannot lift the hardtop all at one time, raise it in increments. This this, raise the handtop as high as you both bypass valve is opened.

For emergencies





8. Push ONLY on the rear portion of the retractable hardtop as shown above; DO NOT PUSH ON THE REAR WINDOW. Push the hardtop forward until itdrops into the windshield header fatches.



9. Press and hold the hardtop switch on the "CLOSE" side. Release the switch only after the quarter windows have fully closed, hard tonneau has closed and latched, and the chime and indicator have turned off. After the chime and indicator tum off, the chime will sound for 1 second to indicate closing of the hardtop is complete.

NOTE

Depending on the circumstance, the chime and indicator may be inoperable. They may give a false or no indication whether the hardtop has latched or other malfunction has occurred.

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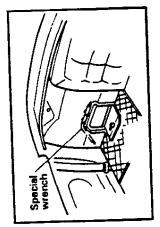
10. At both front comers, end side portions of the hardtop to make sure the hardtop has latched.

to For emergencies - Header latches page 45. If the hard tonneau does not close see For emergencies - Opening If the header latches did not latch, refer and closing the hard tonneau manually, page 38, in this manual.



- hardtop is not properly latched to the windshield header. Driving with the top (1) DO NOT drive the vehicle if the Incompletely latched is hazardous.
 - (2) In an emergency, do not force the windows. If the quarter windowsdo not close see your Authorized Mitsubishi Desier for repelre.
- 11. Return the bypass valve to the "POWER" position by rotating the handle counterclockwise 90°.

Close the access door.
 Return the seatback to its fully upright position and lock in place.

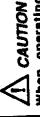


Header latches

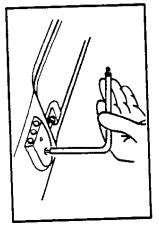
NOTE

A special wrench is provided for removal and reinstallation of the HomeLink™ Universal Transmitter, and it is also used to manually operate the header latches. The special wrench is located inside the CD (Compact-Disc) changer access door behind the passenger side

rear seatback.
The HorneLinkTM Transmitter may also be removed using a standard #2 screwdriver. The header latches may also be manually operated using a standard 1/4" square drive ratchet and extension.



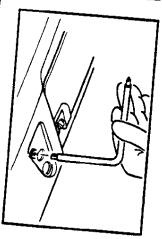
When operating the header latches menually, always be sure to remove the wrench from the header latch motor immediately. Otherwise, personal injury may result if the tool is not removed and the hardtop switch is pressed.



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To open or close header latches

- driver), remove the screw secreting the HomeLinkTM Universal Transmitter to the windshield header garnish.
- 2. Pull the HomeLink™ Transmitter down from the header garnish, and move to one side out of your way.



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3. Using the special wrench (or a 1/4" insert it into the latch motor and square drive ratchet and extension), turn the wrench (1) full turn counter-clockwise to close the latches.

the hardtop is not latched, turn the wrench (1) full turn clockwise and push up on the front of the hardtop. If 4. To confirm that the hardtop is latched, repeat steps 3 and 4.

5. Remove the special wrench (or

faichet and extension). 6. Tuck the HomeLink™ Transmitter wires up into the header garnish, and reinstall the HomeLink[™] with the

and return the seatback to its fully upright position and lock in place. 7. Return the special wrench to the tray,

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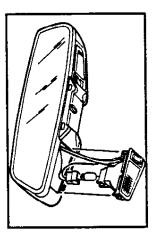
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NOTE The vehicle should be serviced by an Authorized Mitsubishi Dealer for repair. \$

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Replacement of light bulbs Inside

Description	Weitage	Se S
Lighted rear view mirror	5 W .	1
Cargo area light	5 W	1
Courteey light	5 W	1



Cargo area light

Open the hard tonneau (automatically or manually). Insert the tip of a screwdriver at the edge of the lens, pry gently to remove the lens, and then remove the bulb from the light holder.

NOTE

Wrap a piece of cloth around the tip of the screwdriver in order to avoid scratching the lens.

Seff-dimming lighted rear view mirror

- Using a small tool, pry out the bulb holder/switch assembly.
 Remove bulb socket.
 Remove bulb.



Courtesy lights

Insert the tip of a screwdriver at the edge of the lens, pry gently to remove the lens, and then remove the builb from the light holder.

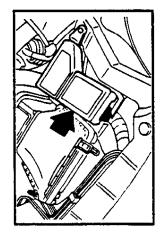
NOTE
Wrap a piece of cloth around the tip of
the screwdriver in order to avoid
scratching the lens.

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Specifications

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Weights51	
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Specifications



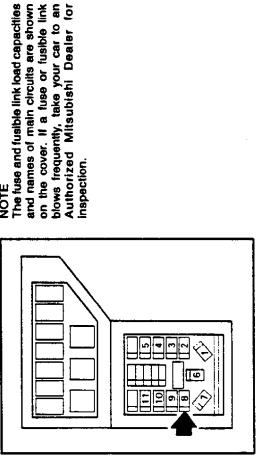
on the cover. If a fuse or fusible link blows frequently, take your car to an Authorized Mitsubishi Dealer for

inspection.

Fusible link

Relay box

The relay box is located in the engine compartment. The retractable hardtop fusible link is located in the relay box. In the event of a blown fusible link, locate the cause before replacing the fusible



Fusible link capacity

8-60 A Yellow

Specifications

Weights

lb. (kg)

Stem Front-wheel detve care All-wheel detive care Gross vehicle weight 4,519 (2,050) 4,861 (2,205) rating 2,403 (1,090) 2,524 (1,145) Aude 2,116 (960) 2,337 (1,080) Ing 2,116 (960) 4 Persons	•		Specifications	ations
4,519(2,050) 2,403(1,090) 2,116(980) 4 Persons			Error arteral detire care	All-wheel drive care
4,519(2,050) 2,403(1,090) 2,116(960) 4 Persons	į	E	T USE WITH THE	
Front 2,403(1,090)	Gross vehicle	e weight	4,519 (2,050)	4,861 (2,205)
yth reti- Peer 2,116 (990) 4 Persons	Gross	Front	2,403(1,090)	2,524(1,145)
ting capacity	weight rat-	130	2,116(980)	2,337 (1,060)
Seeting Capacity	2		4 Pe	reons
	SeetingCap	MCm)		

AS CAUTION

Do not use the Gross Vehicle Weight Rating data provided in the chartor on the safety certification label for determining vehicle passenger and/or cargo load

capacity.
Use the values provided on the tire pressure label
Use the values provided on the tire pressure label
(Refer to the section "Vehicle labeling", in your Owner's
Manual).

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Air conditioning (when citching with the hardtop open)	J	
Alarm system		Orester whether (December 1)
	, ر	5
Antenna (Diversity Antenna)		
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