

BODY

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110003234

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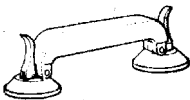

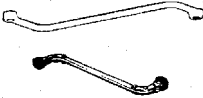
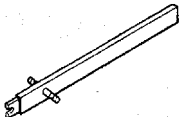
SEALANTS AND ADHESIVES

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Items	Specified sealant
Fender	3M ATD Part No. 8531 or 3M ATD Part No. 8646 or equivalent <1993 models>
Splash shield	3M ATD Part No. 8625 or equivalent
Window glass runchannel	
Waterproof film	
Windshield	3M ATD Part No. 8609 Super Fast Urethane and 3M ATD Part No. 8608 Super Fast Urethane Primer or equivalent
Rear window glass	
Quarter window glass	

SPECIAL TOOLS

110003236

Tool	Tool number and name	Supersession	Application
	MB990784 Ornament remover	General service tool	Removal of switch, trim, etc.
	MB990480 Glass holder	General service tool	Removal and installation of window glass
	MB990449 Window molding remover	General service tool	Removal of the window molding
	MB990900 or MB991164 Door adjusting wrench	MB990900-01	Adjustment of door fit
	MB991244 Torsion bar remover and installer	MB991244-01	Removal and installation of trunk lid torsion bar

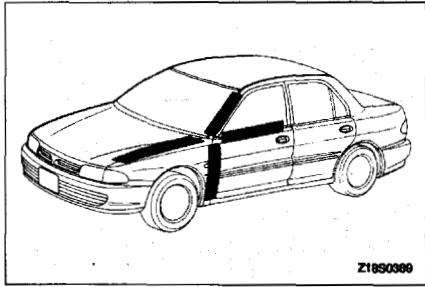
TROUBLESHOOTING

HOOD, TRUNK LID, GLASS AND DOORS

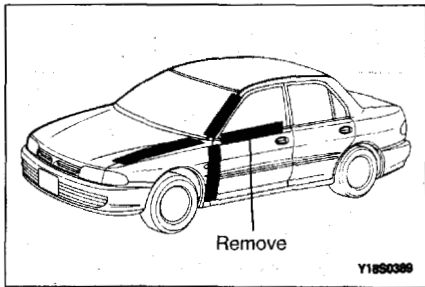
Symptom		Probable cause	Remedy
Hood/ Trunk lid	Improper closure	Striker and latch not properly aligned	Adjust the alignment
	Difficult locking and unlocking		
	Uneven body clearance	Incorrectly installed hood or trunk lid	Adjust the installation of hood or trunk lid
	Uneven height	Incorrect hood bumper or trunk lid bumper height	Adjust the hood bumper or trunk lid bumper height
Win- dow glass	Water leak through windshield	Defective seal	Fill sealant
		Defective body flange	Correct
	Water leak through door window glass	Incorrect window glass installation	Adjust position
		Gap at upper window glass	
	Water leak through quarter window	Defective seal	Fill sealant
		Defective body flange	Correct
	Water leak through rear window	Defective seal	Fill sealant
		Defective body flange	Correct
Front/ rear doors	Door window malfunction	Incorrect window glass installation	Adjust position
		Damaged or faulty regulator	Correct or replace
	Water leak through door edge	Cracked or faulty weatherstrip	Replace
	Water leak from door center	Drain hole clogged	Remove foreign objects
		Inadequate waterproof film contact or damage	Correct or replace
	Door hard to open	Incorrect latch or striker adjustment	Adjust
	Door does not open or close completely	Incorrect door installation	Adjust position
		Defective door check strap	Correct or replace
		Door check strap and hinge required grease	Apply grease
	Uneven gap between body	Incorrect door installation	Adjust position
	Wind noise around door	Weatherstrip not holding firmly	Adjust fit of door
		Improperly installed weatherstrip or setting of weatherstrip	Repair or replace
		Improperly closed door	Adjust
		Improperly fit door	
Improper clearance between door glass and door weatherstrip holder			
Deformed door		Repair or replace	

HOW TO LOCATE WIND NOISES

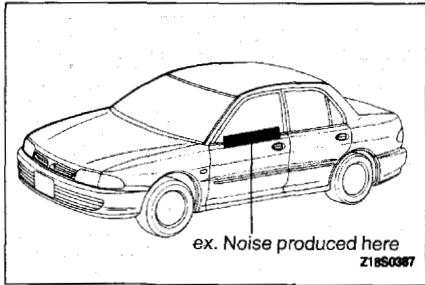
- (1) Attach cloth tape to every place which might conceivably be the source of wind noise, such as panel seams, projections, molding seams, glass and body seams, etc.
- (2) Then make a road test in order to determine that the places not covered by tape are not sources of wind noise.



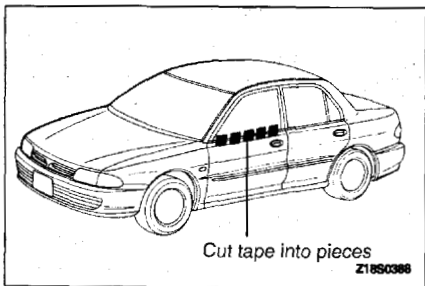
- (3) Then remove the strips of tape one by one, making a road test after each is removed, until a wind noise source is discovered.



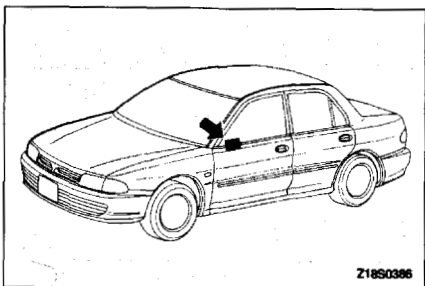
- (4) When such a place is found, cover it again and continue with the procedure so as to determine if there are any other noise sources.
- (5) If no others are found, the last remaining tape is the only source.



- (6) Cut the remaining piece of tape into smaller pieces, attach it again as it was before, and then remove the pieces one by one in the same way so as to narrow down the source.



- (7) Check to confirm that wind noise occurs when the last remaining tape is removed, and that noise does not occur when it is re-attached.
- (8) When the source(s) of the wind noise is finally located, attach butyl tape, body sealer or similar material to obstruct this source as much as possible.



SERVICE ADJUSTMENT PROCEDURES

110003238

DOOR FIT ADJUSTMENT

1. Use the special tool to loosen the hinge mounting bolts on the body side, and then adjust the clearance around the door so that it is uniform on all sides.
2. When there is a stepped section in the door and body, use the special tool to loosen the door hinge mounting bolt on the door side and adjust the door fit.

Caution

Attach protection tape to the fender edges where the hinge is installed.

3. If the door opening and closing is stiff, adjust the linking of the striker and the door latch using the shim, while moving the striker up and down, or left and right.

DOOR GLASS ADJUSTMENT

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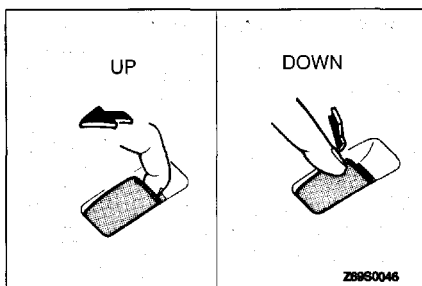
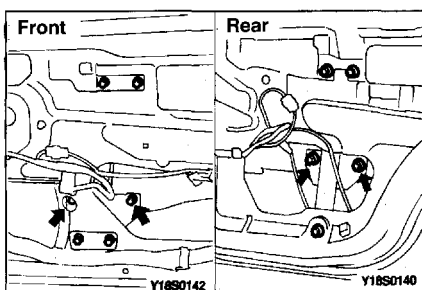
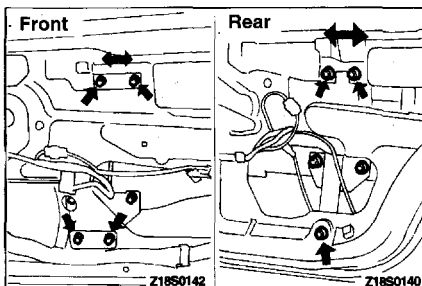
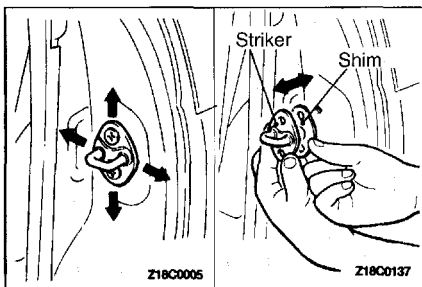
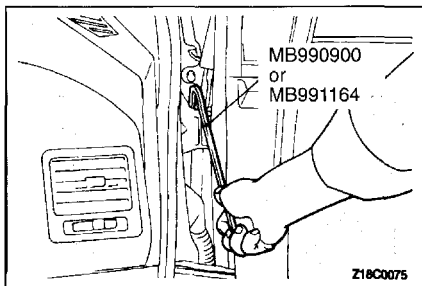
1. Remove the door trim and waterproof film. (Refer to P.42-27.)
2. Loosen the installation bolt of the window regulator assembly; then move the upper installation back and forth and adjust the tilted angle of the glass.

3. Lower the door window glass to the position of the access hole.
4. Loosen the door glass installation screw, and adjust the forward/backward position of the glass.

CIRCUIT BREAKER (INCORPORATED IN THE POWER WINDOW MOTOR) INSPECTION

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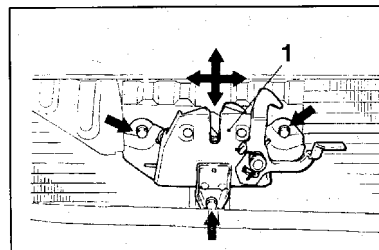
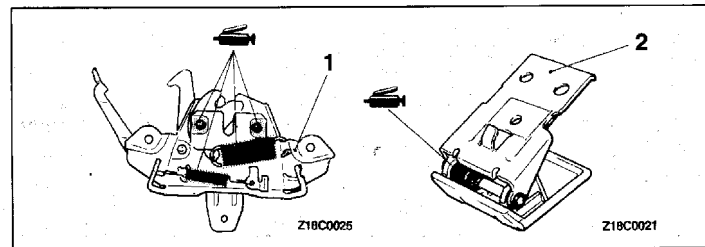
1. Lift the UP switch to fully close the window glass, and continue to lift the switch for 40 seconds.
2. At the moment that the UP switch is released, press the DOWN switch. The circuit breaker can be considered good if at this time the door window glass begins to open within 60 seconds.



HOOD

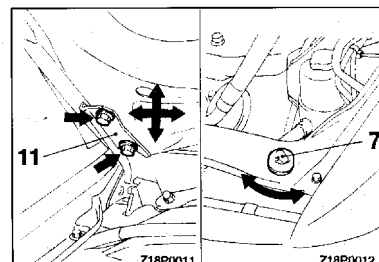
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REMOVAL AND INSTALLATION



Z18S0146

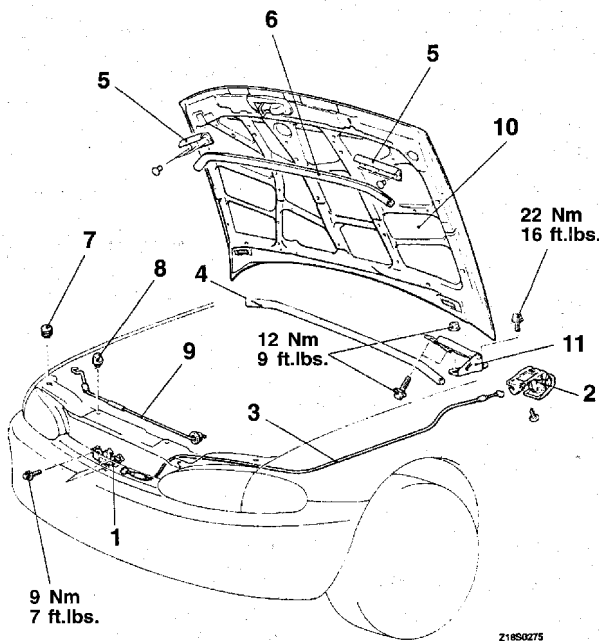
Adjustment of hood step and hood striker linkage



Z18P0011

Z18P0012

Adjustment of clearance around hood and height



Z18S0275

00001156

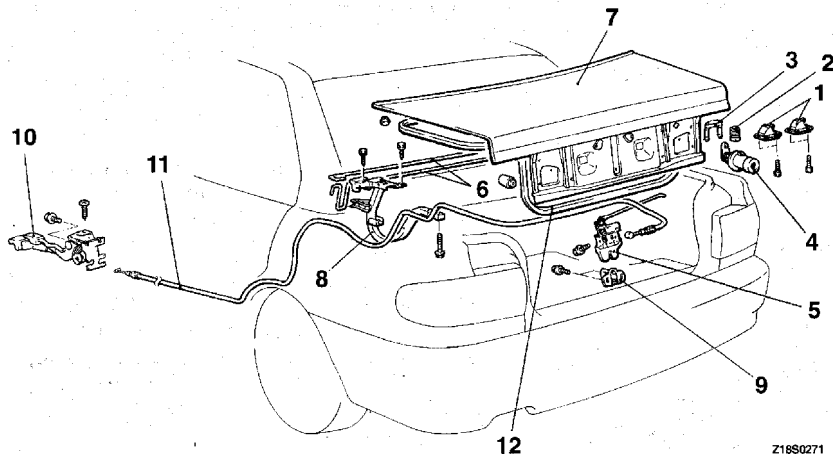
1. Hood latch
2. Hood lock release handle
3. Hood lock release cable
4. Hood weatherstrip
5. Hood front weatherstrip
6. Hood weatherstrip for air conditioning
7. Bumper
8. Bumper
9. Hood support rod

Hood and hood hinge removal steps

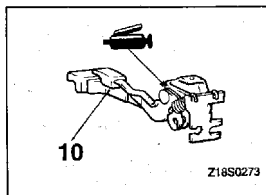
- Washer hose (Refer to GROUP 51 – Windshield Wiper and Washer.)
- 10. Hood
- 11. Hood hinge

TRUNK LID

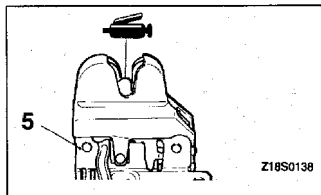
REMOVAL AND INSTALLATION



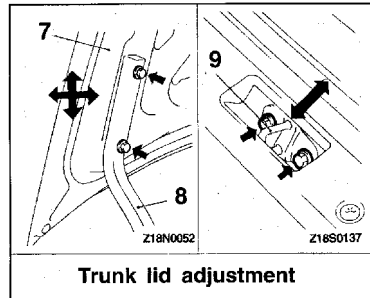
Z18S0271



Z18S0273



Z18S0138



Trunk lid adjustment

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Trunk lid panel removal steps

- Rear panel side garnish <4-door models> (Refer to GROUP 51 – Garnishes.)
 - Rear panel center garnish <4-door models> (Refer to GROUP 51 – Garnishes.)
1. License plate light <4-door models>
 2. Bumper
 3. Cylinder lock retainer
 4. Trunk lid lock cylinder
 5. Trunk lid latch
 6. Trunk lid torsion bar
 7. Trunk lid panel

Trunk lid hinge removal steps

- Rear shelf trim*
- 7. Trunk lid panel assembly
- 8. Trunk lid hinge

Trunk lid release handle and cable removal steps

- Front seat (L.H.)*
 - Rear seat*
 - Front scuff plate (L.H.)*
 - Rear scuff plate (L.H.)*
 - Trunk side trim (L.H.)*
5. Trunk lid latch
 10. Trunk lid release handle
 11. Trunk lid release cable

Trunk lid latch removal

5. Trunk lid latch

Trunk lid striker removal steps

- Rear end trim*
- 9. Trunk lid striker

Trunk lid weatherstrip removal

12. Trunk lid weatherstrip

NOTE

*: Refer to GROUP 52A – Trims.

REMOVAL SERVICE POINT

◀▶ TRUNK LID TORSION BAR REMOVAL

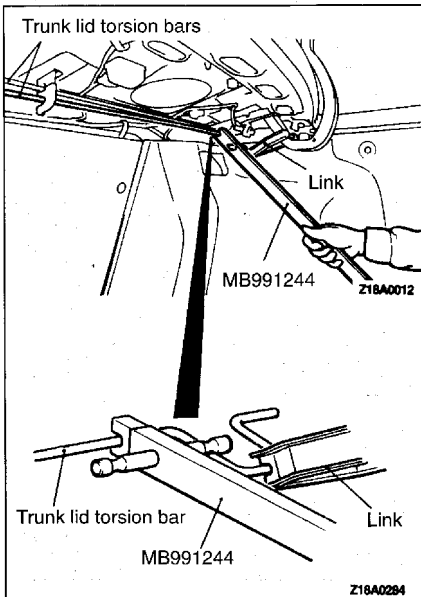
- (1) Remove the rear harness and harness connector from under the rear shelf panel.
- (2) Using the special tool attached to the link side of the torsion bar as illustrated, push the torsion bar down to remove it from the link.

NOTE

The R.H. and L.H. torsion bars intersect each other. When, therefore, removing the torsion bars, first remove the torsion bar whose intersecting point is located toward you.

Caution

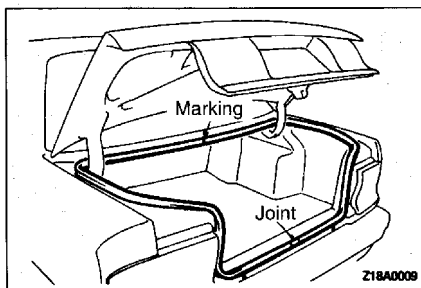
Attach the special tool to the torsion bar positively. Otherwise, the special tool may come off, causing damage to the body, other parts, etc.



INSTALLATION SERVICE POINTS

▶◀ TRUNK LID WEATHERSTRIP INSTALLATION

Install the trunk lid weatherstrip with its marking and joint located on the body center line.

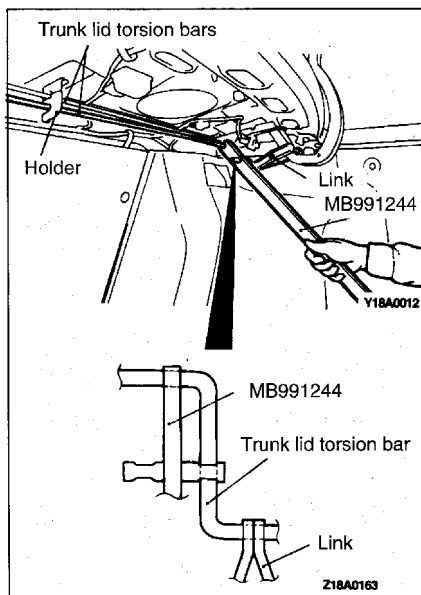


▶◀ TRUNK LID TORSION BAR INSTALLATION

- (1) Insert the torsion bar end in the mounting hole.
- (2) Using the special tool attached to the torsion bar as illustrated, twist the bar to connect it to the link. Then hang the bar on the holder.

Caution

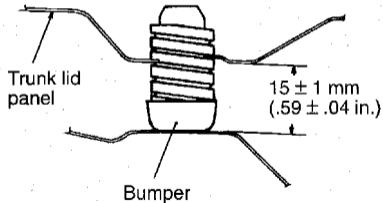
1. Attach the special tool to the torsion bar positively. Otherwise, the special tool may come off, causing damage to the body, other parts, etc.
2. When installing the torsion bar, pay attention to the identification color applied to the center of each torsion bar.



Torsion bar	2-door models	4-door models
LH	Yellow	–
RH	Silver	White

►C◄ BUMPER INSTALLATION

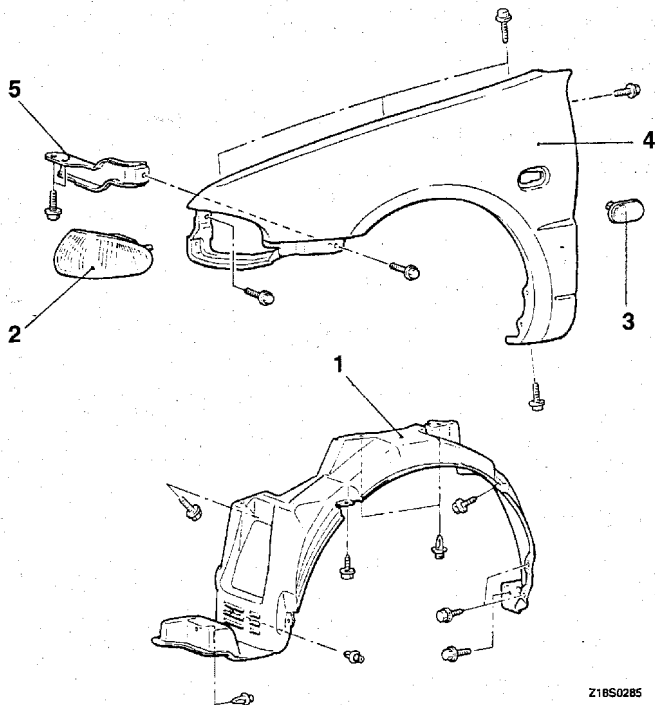
Install the bumper so that the amount of projection from the trunk lid panel is as shown in the illustration.



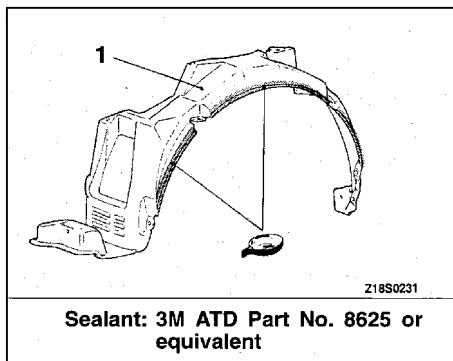
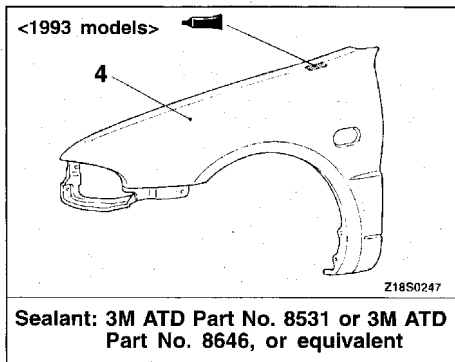
Z18A0060

FENDER

REMOVAL AND INSTALLATION



Z18S0285



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Removal steps

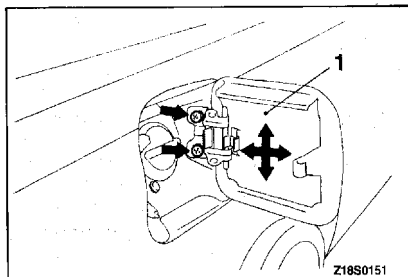
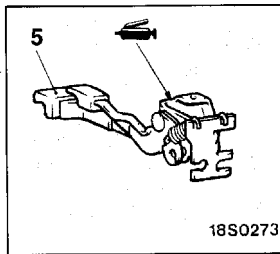
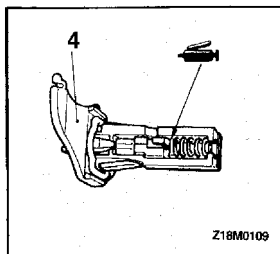
- Front bumper assembly
(Refer to GROUP 51 – Front Bumper.)
- 1. Splash shield
- 2. Front turn signal light
- 3. Ornament
- 4. Front fender panel
- 5. Fender support bracket

FUEL FILLER DOOR

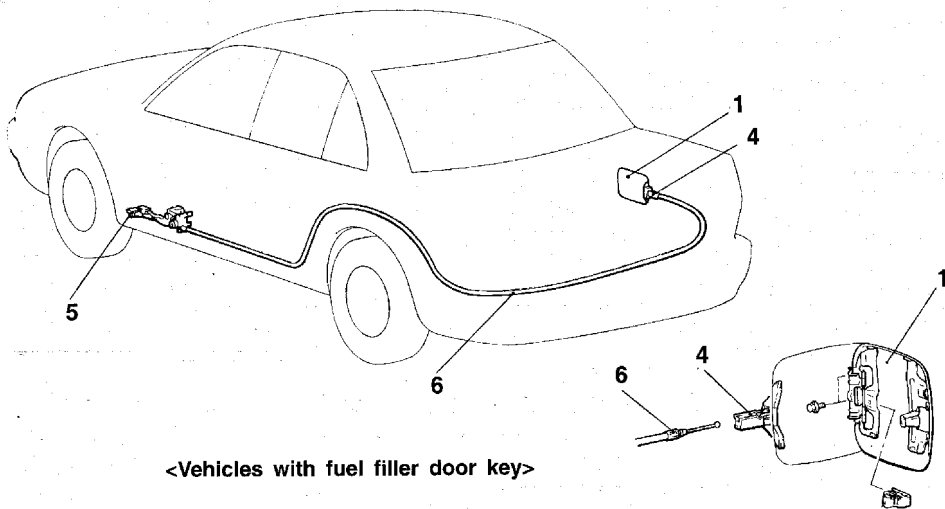
REMOVAL AND INSTALLATION

Pre-removal and Post-Installation Operation

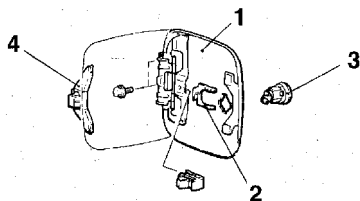
- Front Seat (L.H.) and Rear Seat Removal and Installation (Refer to GROUP 52A - Front Seat and Rear Seat.)
- Front Scuff Plate (L.H.), Rear Scuff Plate (L.H.) and Trunk Side Trim Removal and Installation (Refer to GROUP 52A - Trims.)



Adjustment of step and clearance around fuel filler door



<Vehicles with fuel filler door key>



Z18S0391

00001173

Removal steps

1. Fuel filler door assembly
2. Cylinder lock retainer
3. Fuel filler door lock cylinder

4. Fuel filler door lock hook assembly
5. Lid lock release handle
6. Fuel filler door release cable

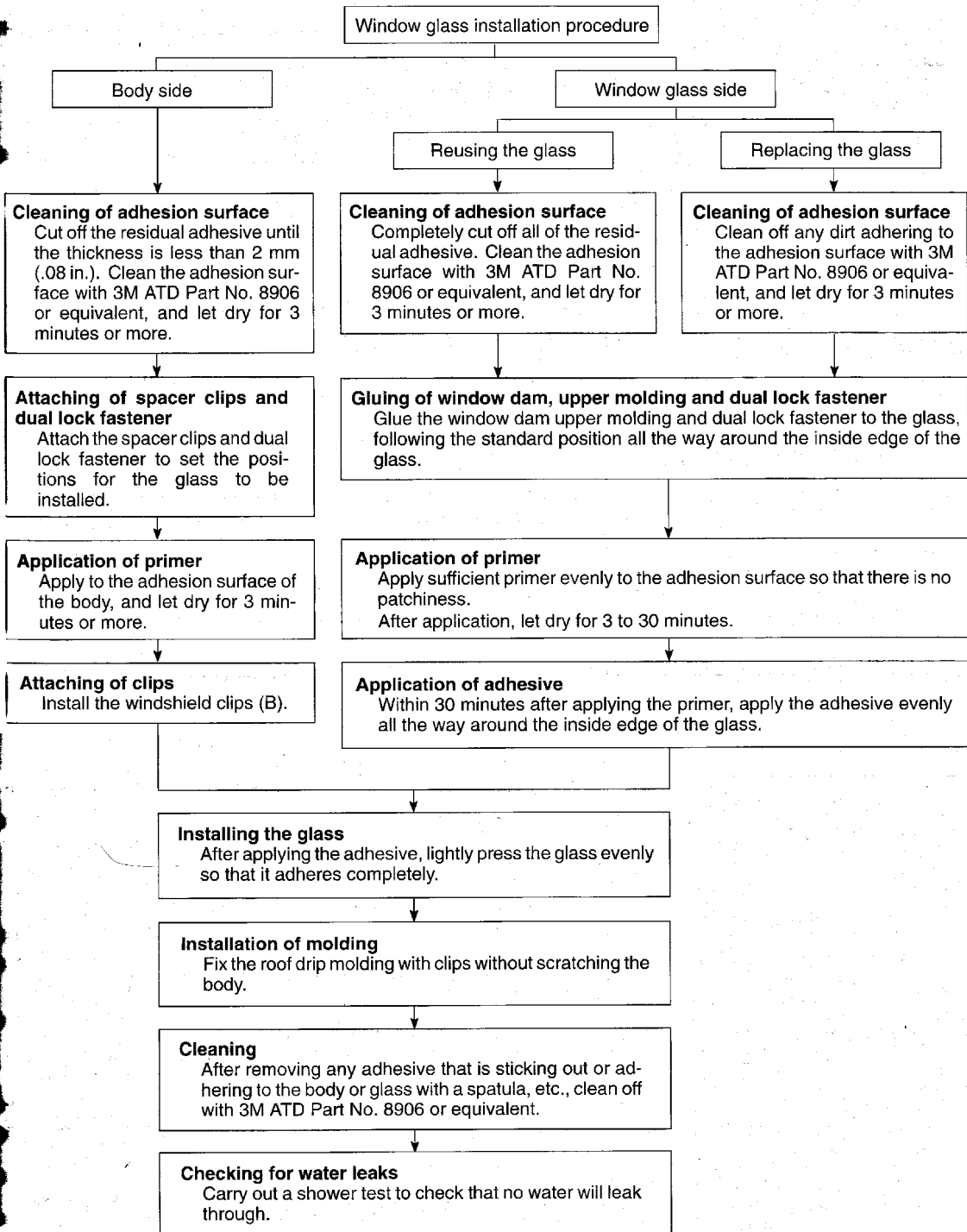
WINDOW GLASS**GENERAL**

The windshield and rear window glass are attached by an urethane-base adhesive to the window frame. This adhesive not only provides improved glass holding and sealing, but also permits use of body openings having a greater structural strength.

ADHESIVE AND RESERVE ITEMS

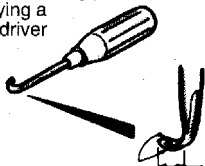
Adhesive Kit and Reserve Items		Applications	Quantity
Adhesive	3M ATD Part No. 8609 SUPER FAST URETHANE	–	One cartridge
	3M ATD Part No. 8608 SUPER FAST URETHANE PRIMER	–	As required
Reserve items	Wire (dia. × length)	for cutting adhesive	Five pieces of wire 0.6 mm × 1 m (.02 in. × 3.3 ft.)
	Adhesive gun	for adhesive application	One
	Wiping rags	–	As required
	Sealer	for prevention of water leaks and gathering after adhesive application	As required
	3M ATD Part No. 8906 or equivalent	for cleaning	
	Glass holder	–	Two
	Spacers (Service Part)	–	As required
	Window molding assembly (Service Part)	–	One
	Dam (Service Part)	–	As required
	Tectyl 506T (Valvoline Oil Company)	–	

WORKING PROCESS



Recommended tool

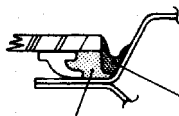
Make the tool by
modifying a
screwdriver



Sharpen the edge here

4 mm
(.16 in.)

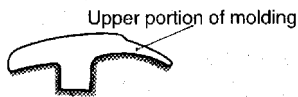
Z18U0161



Existing adhesive

Remove here

Z18U0160



Upper portion of molding

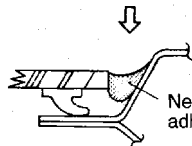
Apply primer



Lower portion of molding

Z18F0056

Molding



Newly applied
adhesive

Z18F0057

MOLDING REPLACEMENT (BONDING TYPE)

110003246

1. Remove the moldings.
2. To cut the existing adhesive, make a tool such as the one shown.

3. Using the tool, scoop out the existing adhesive.

Caution

1. Do not remove existing adhesive more than necessary.

Use care not to damage the coated surface.

2. If the coated surface is damaged, apply paint.

4. Cut off the lower portion of a new molding and install the molding temporarily to check that it is seated securely.
5. Apply primer to the molding.

Caution

Never touch the primer coated surface.

6. Apply adhesive to the illustrated area and install the molding before it hardens.

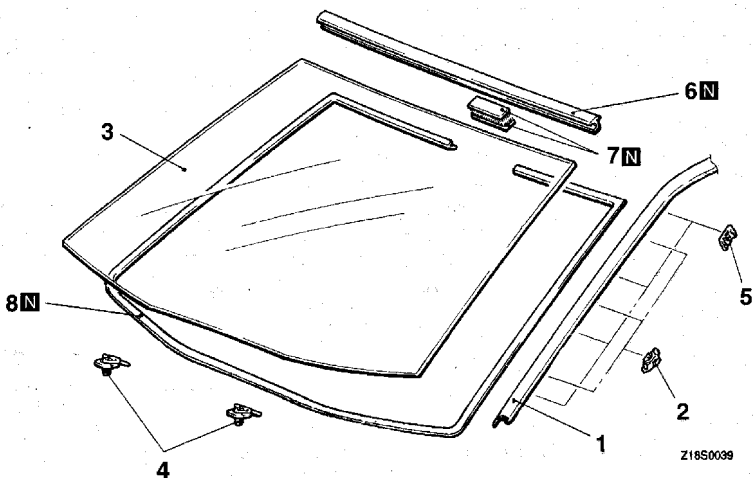
7. Scrape away excessive sealant forced out during installation of the molding from the glass or body and wipe the surfaces clean with 3M ATD Part No. 8906 or equivalent.
8. After the work, leave the vehicle as it is until the adhesive hardens.

WINDSHIELD

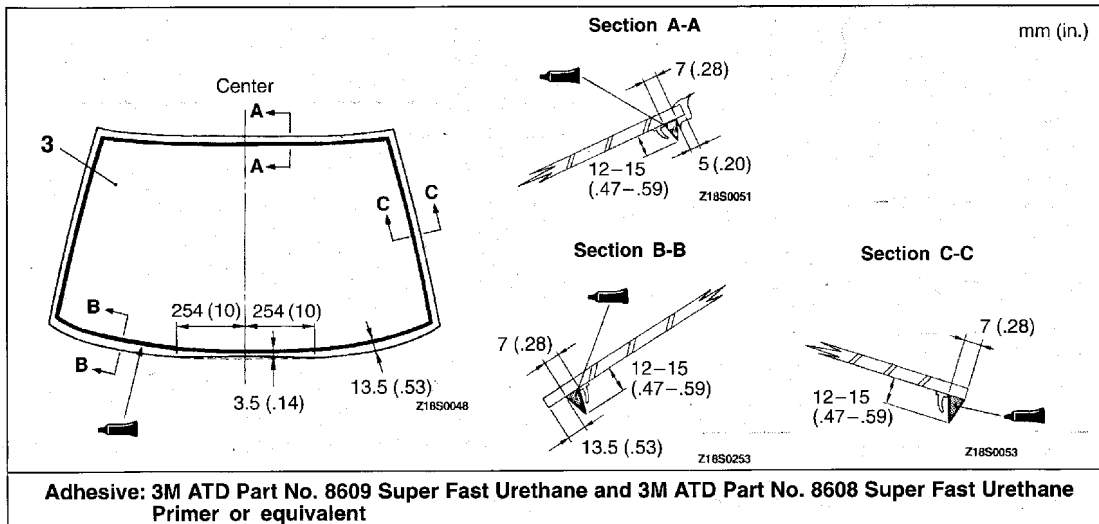
REMOVAL AND INSTALLATION

Pre-removal and Post-installation Operation Removal and Installation

- Front Deck Garnish
(Refer to GROUP 51 – Garnishes.)
- Front Pillar Trim (Refer to GROUP 52A – Trims.)
- Headlining (Refer to GROUP 52A – Headlining.)



00001174



Removal steps

- ▶A▶ ▶A◀ 1. Roof drip molding
- ◀B▶ ▶A◀ 2. Windshield clip (A)
- ◀B▶ ▶A◀ 3. Windshield
- 4. Spacer clip

- ▶A▶ ▶A◀ 5. Windshield clip (B)
- ▶A▶ ▶A◀ 6. Windshield upper molding
- ▶A▶ ▶A◀ 7. Dual-lock fastener
- ▶A▶ ▶A◀ 8. Window dam

REMOVAL SERVICE POINTS**◀A▶ ROOF DRIP MOLDING REMOVAL**

Remove by using the special tool to lever out only the windshield section of the roof drip molding.

Caution

Moldings that become warped should not be re-used.

MB990449

Z18M0208

◀B▶ WINDSHIELD REMOVAL

- (1) In order to protect the body (paint surface), apply masking tape to all body areas around the installed windshield.
- (2) Using a sharp-point drill, make hole in the windshield adhesive.
- (3) Pass the wire from the inside of the vehicle through the hole.
- (4) Pull the wire alternately from the inside and outside along the windshield to cut the adhesive.

Caution

Do not let the wire touch the edge of the windshield.

- (5) Make mating marks on the windshield and body.

- (6) Use the special tool to remove the windshield.

- (7) Use a knife to cut away the remaining adhesive so that the thickness is within 2 mm (.08 in.) around the entire circumference of the body flange.

MB990480

Z18M0098

Z18K1085

- (8) Finish the flange surfaces so that they are smooth.

Caution

1. Be careful not to remove more adhesive than is necessary.
 2. Be careful also not to damage the paintwork on the body surface with the knife. If the paintwork is damaged, repair the damaged area with repair paint or anti-rust agent.
- (9) When reusing the glass, remove the adhesive and the chips of spacer clips still adhering to the glass, and clean with 3M ATD Part No. 8906 or equivalent.
- (10) Clean the body side in the same way.

Caution

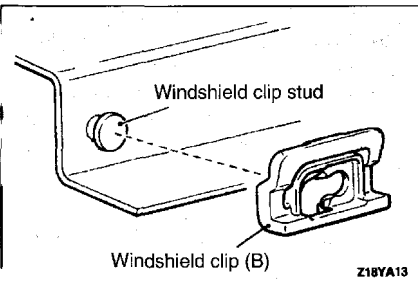
Let the cleaned places stand for 3 minutes or more, and carry out the next procedures after they have dried. Also, do not touch any surface that has been cleaned.

WINDSHIELD CLIP STUD REPAIR

If the T-studs are broken, use a drill to make holes in the T-studs 3 mm (.12 in.) in diameter, fill the holes with adhesive, and then use screws to mount the windshield clips (B).

Caution

After installing the clip, apply antirust solvent to the screw head to protect them from rust.



INSTALLATION SERVICE POINT

▶ A ◀ WINDOW DAM / DUAL LOCK FASTENER / WINDSHIELD / ROOF DRIP MOLDING INSTALLATION

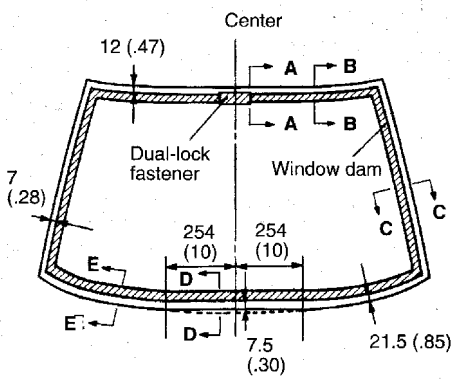
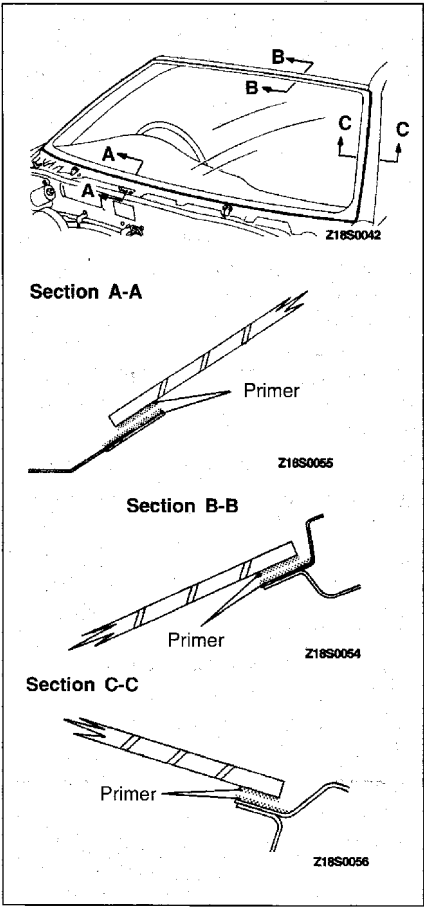
- (1) When replacing the glass, temporarily set the glass against the body, and put mating marks on the glass and body where they match.
- (2) Clean the inside of the margin of the windshield and the body flange with 3M ATD Part No. 8906 or equivalent to remove all grease.
- (3) Soak a sponge in the primer, and apply evenly to the glass and the body in the places shown in the figure.

Specified primer:

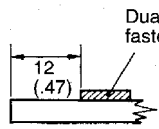
3M ATD Part No. 8608 Super Fast Urethane Primer or equivalent

Caution

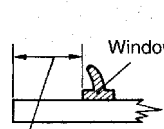
1. The primer strengthens the adhesive strength, so be sure to apply it evenly around the entire circumference. Also, a too thick application will cause lowering of the adhesive strength.
2. Do not touch the coated surface.
- (4) After applying the primer, let it dry for 3 to 30 minutes
- (5) Install the window dam and the dual lock fastener correctly in the positions shown in the illustration so that there are no bends or lifts inside the windshield.
- (6) Install the dual lock fastener to the body flange that corresponds to the dual lock fastener installation section of the windshield.
- (7) Install the windshield upper molding, windshield clip B and spacer clips.



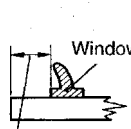
Section A-A



Section B-B, Section E-E



Section C-C, Section D-D



Section B-B: 12 (.47)
Section E-E: 21.5 (.85)

Section C-C: 7 (.28)
Section D-D: 7.5 (.30)

- (8) Within 30 minutes after applying the primer, fill the sealant gun with adhesive and apply the adhesive evenly around the entire circumference of the windshield.

Specified adhesive:

3M ATD Part No. 8609 Super Fast Urethane or equivalent

NOTE

Cut the nozzle tip of the sealant gun into a V shape to facilitate adhesive application.

- (9) After applying the adhesive, match up the marks on the glass and the body.
 (10) Install the roof drip molding before the adhesive sets.
 (11) After removing any adhesive that is sticking out or adhering to the body or glass with a spatula, etc., clean off with 3M ATD Part No. 8906 or equivalent.
 (12) After completion of this operation (after installing the glass), place it somewhere where it will not be disturbed, until the adhesive sets.

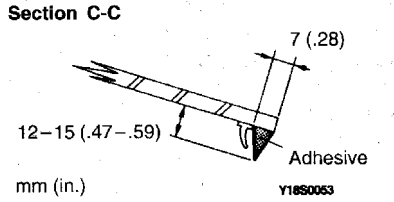
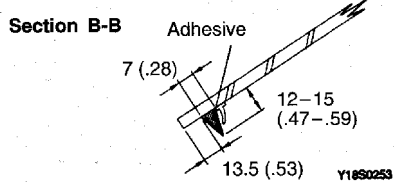
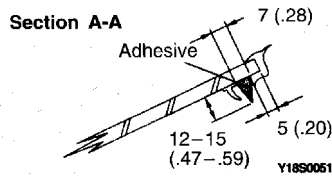
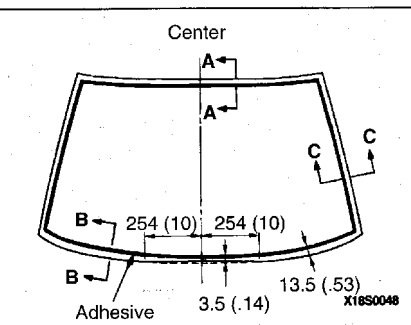
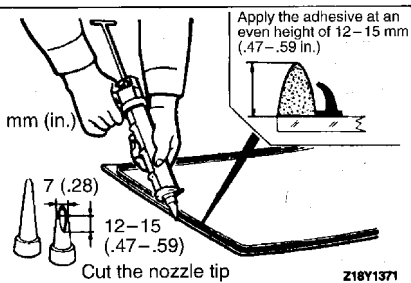
Caution

If heat is applied with an infra-red lamp to shorten the setting time, keep the surface temperature of the adhesive below 60°C (140°F).

- (13) After attaching the windshield to the body, let it stand for 30 minutes or more, and then test for water leakage.

Caution

1. If moving the vehicle, it should be done gently.
2. When testing for water leakage, do not pinch the end of the hose to spray the water.

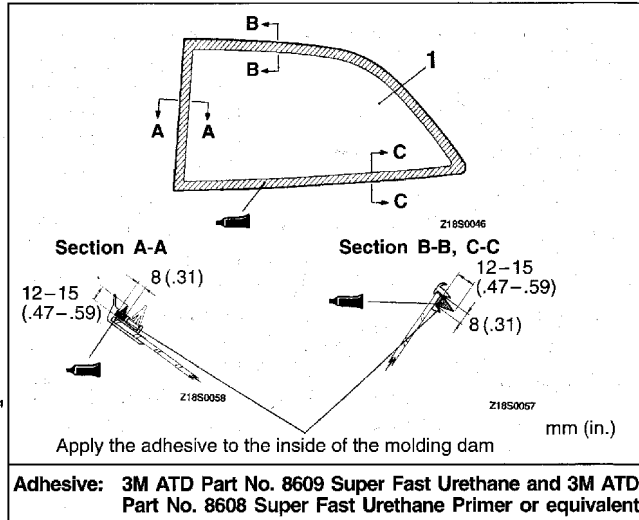
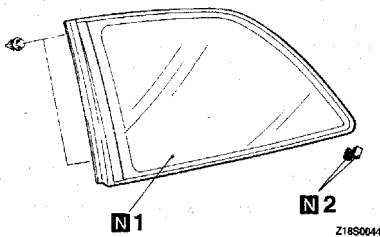


QUARTER WINDOW GLASS

REMOVAL AND INSTALLATION

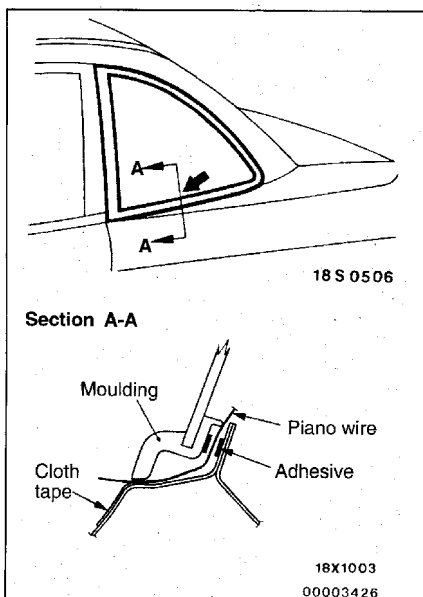
Pre-removal and Post-installation Operation Removal and Installation

- Quarter Trim, Center Pillar Trim and Rear Pillar Trim (Refer to GROUP 52A – Trims.)
- Headlining (Refer to GROUP 52A – Headlining.)



Removal steps

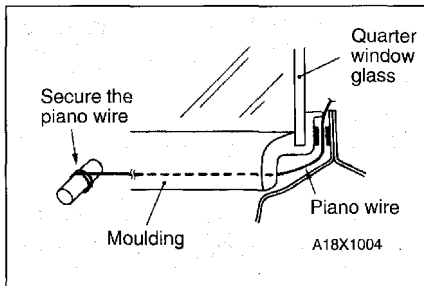
1. Quarter window glass and molding assembly
2. Dual-lock fastener



REMOVAL SERVICE POINT

◀▶ QUARTER WINDOW GLASS AND MOLDING ASSEMBLY REMOVAL

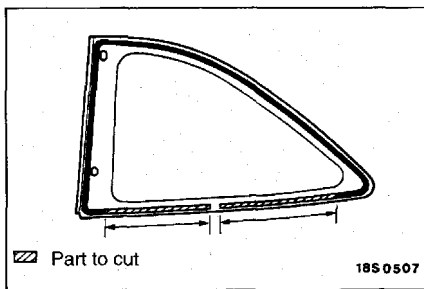
- (1) Attach cloth tape to all areas on the body around the quarter window glass in order to protect the paint surface.
- (2) Use a cutter knife to cut off the adhesive indicated in the illustration from the inside of the vehicle.
- (3) Pass piano wire (with a length of approx. 1 m) through from the inside of the vehicle.



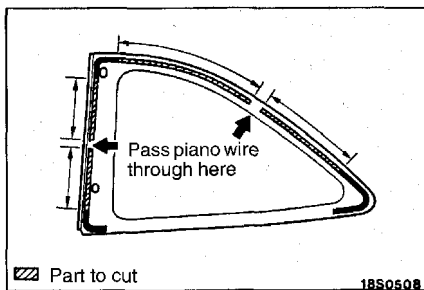
- (4) Secure the end of the piano wire that is outside the vehicle so that the wire runs along the adhesive surface.

Caution

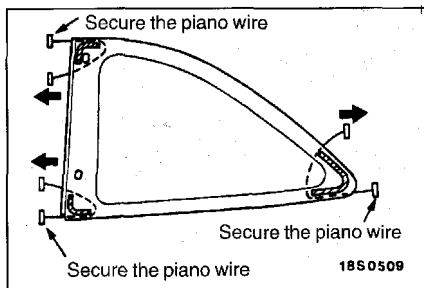
Do not let the piano wire touch the edge of the glass.



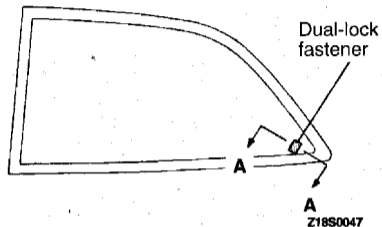
- (5) Pull the end of the piano wire that is inside the vehicle towards the place where the outside end is secured in order to cut the adhesive indicated in the illustration.
- (6) Repeat steps (4) and (5) for the opposite side also.



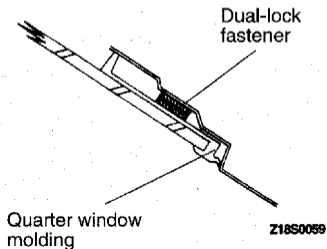
- (7) Pass piano wire through at the place indicated in the illustration, and then cut the adhesive in the same way as in steps (4), (5) and (6) above, while leaving the adhesive in the top and bottom corners intact.



- (8) Pull both ends of the piano wire outside so that they almost wrap around the corner.
- (9) Secure the end of the piano wire which is at the edge of the glass so that the wire runs along the adhesive surface.
- (10) Pull the other end of the piano wire gently along the moulding in the direction of the fixed end in order to cut the adhesive.
- (11) Make mating marks on the quarter panel and the quarter panel glass, and then remove the glass.



Section A-A



INSTALLATION SERVICE POINT

►A◄ DUAL LOCK FASTENER INSTALLATION

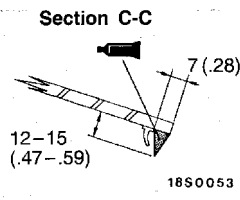
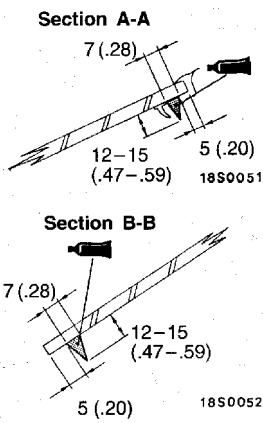
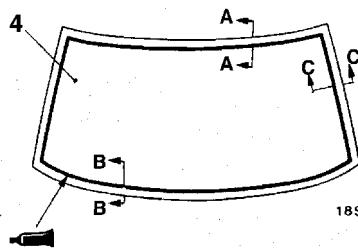
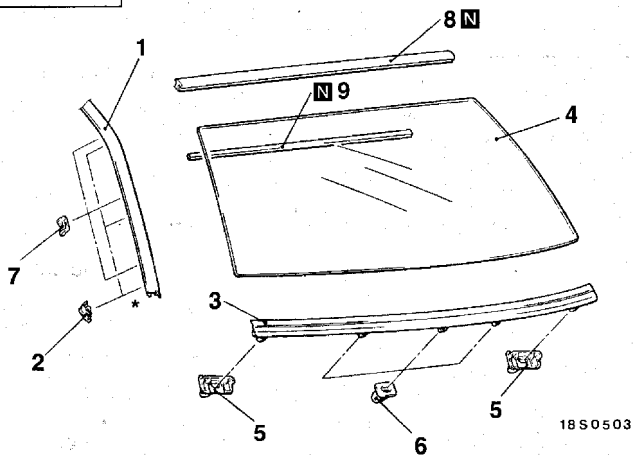
Clean all grease from the quarter window molding and body flange shown in the illustration with 3M ATD Part No. 8906 or equivalent, and install the dual lock fastener.

REAR WINDOW GLASS

REMOVAL AND INSTALLATION

Pre-removal and Post-installation Operation

- High Mounted Stop Light Removal and Installation (Refer to GROUP 54 – High Mounted Stop Light.)
- Rear Pillar Trim Removal and Installation (Refer to GROUP 52A – Trims.)
- Headlining Removal and Installation (Refer to GROUP 52A – Headlining.)



mm (in.)

Adhesive: 3M ATD Part No. 8609 Super Fast Urethane and 3M ATD Part No. 8608 Super Fast Urethane Primer or equivalent

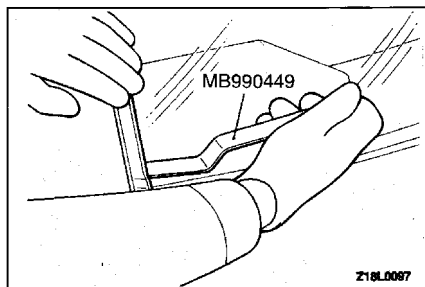
00003428

Removal steps

1. Roof drip molding (For installation service points, refer to P.42-18.)
2. Windshield clip A
3. Rear window lower molding
4. Rear window glass (For removal service points, refer to P. 42-16.)
5. Spacer clip

6. Grommet clip
7. Windshield clip B
8. Rear window upper molding
9. Window spacer

NOTE
The clip marked with * is used on 4-door models.



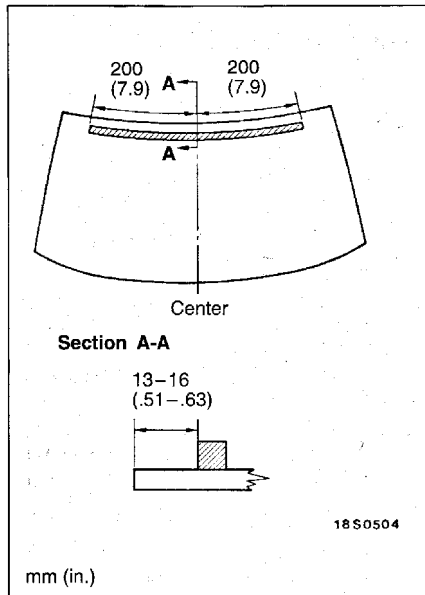
REMOVAL SERVICE POINT

◀A▶ ROOF DRIP MOLDING / REAR WINDOW LOWER MOLDING REMOVAL

Using the special tool, pry out the moldings. Be sure to remove the roof drip molding from the rear window glass only.

Caution

Do not reuse the deformed molding.



INSTALLATION SERVICE POINT

▶A◀ WINDOW SPACER INSTALLATION

- (1) Clean the inside of the margin of the rear window glass and the body flange with 3M ATD Part No. 8906 or equivalent to remove all grease.
- (2) Soak a sponge in the primer, and apply evenly to the inside of the margin of the rear window glass and the body flange.

Specified primer:

3M ATD Part No. 8608 Super Fast Urethane Primer or equivalent

Caution

1. The primer strengthens the adhesive strength, so be sure to apply it evenly around the entire circumference. Also, a too thick application will cause lowering of the adhesive strength.
2. Do not touch the coated surface.
- (3) After applying the primer, let it dry for 3 to 30 minutes.
- (4) Install the window spacer correctly in the positions shown in the illustration so that there are no bends or lifts inside the rear window glass.

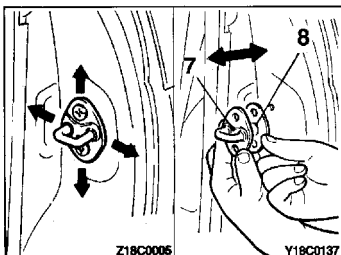
DOOR ASSEMBLY

REMOVAL AND INSTALLATION

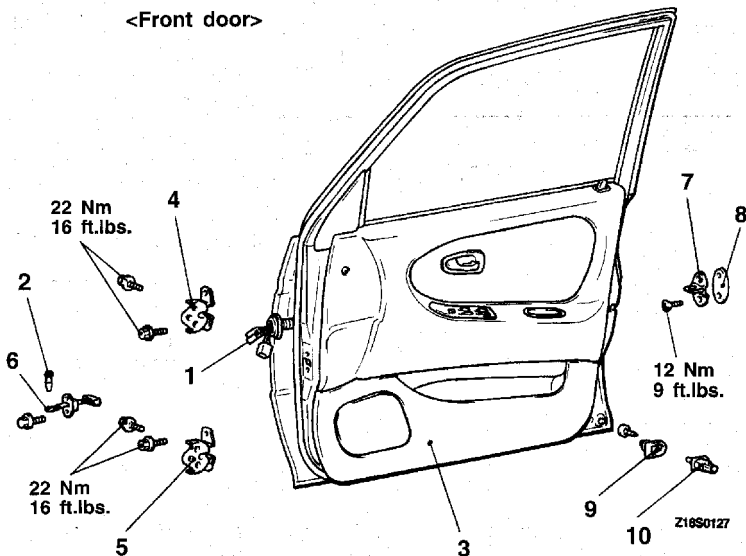
Door Post-installation Operation

- Door Fit Adjustment (Refer to P. 42-5.)

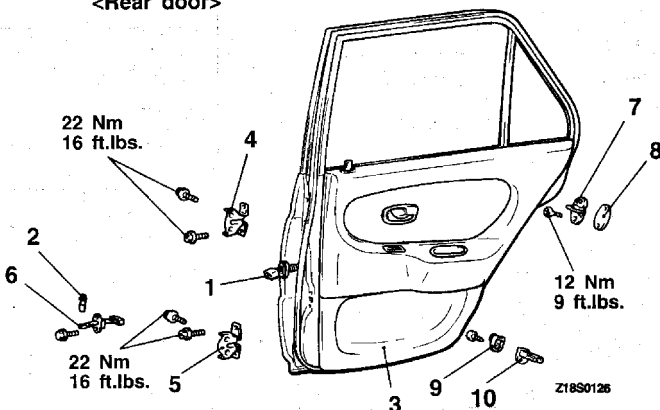
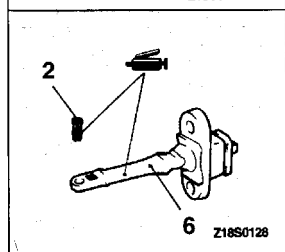
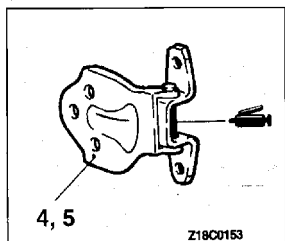
<Front door>



Adjustment of the door stepping and the door latch linkage



<Rear door>



Door assembly removal steps

1. Door harness connector
2. Spring pin
3. Door assembly
4. Door upper hinge
5. Door lower hinge



Door check removal steps

- Door trim (Refer to P. 42-27.)
- Waterproof film (Refer to P. 42-27.)
- 2. Spring pin
- 6. Door check

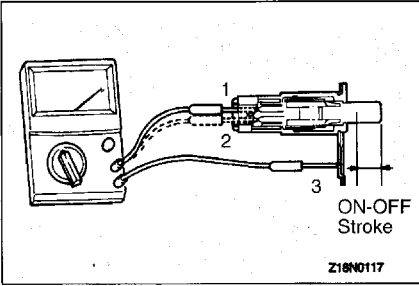


Striker removal steps

7. Striker
8. Striker shim

Door switch removal steps

9. Door switch cap
10. Door switch



INSPECTION

DOOR SWITCH

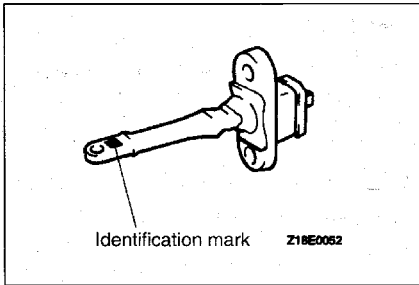
Operate the switch, and check the continuity between the terminals.

Driver's Side Door Switch

Switch position	Terminal No.		
	1	2	3
Open (ON)	○	○	○
Depressed (OFF)			

Front and Rear Passenger's Side Door Switch

Switch position	Terminal No.	
	1	3
Open (ON)	○	○
Depressed (OFF)		



INSTALLATION SERVICE POINTS

▶A◀ DOOR CHECK INSTALLATION

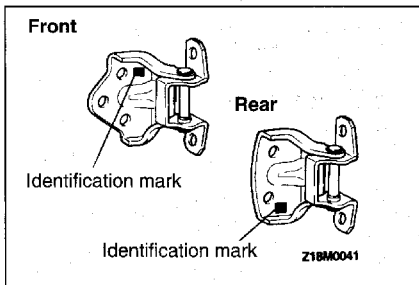
Install the door check so that the identification marks shown below are facing upwards.

Applicable location		Identification mark <2-door models>	Identification mark <4-door models>
Front door	RH	YR	RR
	LH	YL	RL
Rear door	RH	—	SR
	LH	—	SL

▶B◀ DOOR LOWER HINGE / DOOR UPPER HINGE INSTALLATION

The door hinges differ according to where they are used, so check the identification marks before installation.

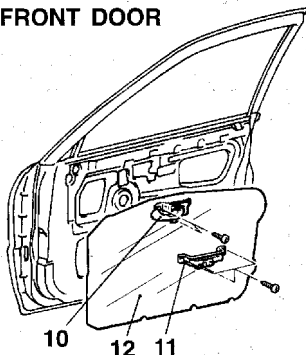
Applicable location			Identification mark
Front door	RH	Upper hinge	E1
		Lower hinge	F1
	LH	Upper hinge	F1
		Lower hinge	E1
Rear door	RH	Upper hinge	B
		Lower hinge	L1
	LH	Upper hinge	A
		Lower hinge	K1



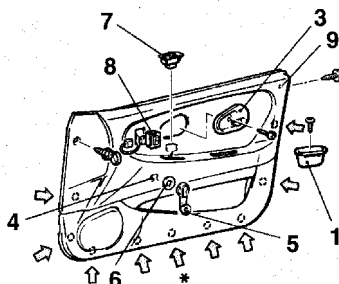
DOOR TRIM AND WATERPROOF FILM

REMOVAL AND INSTALLATION

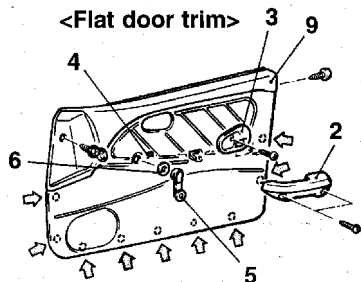
FRONT DOOR



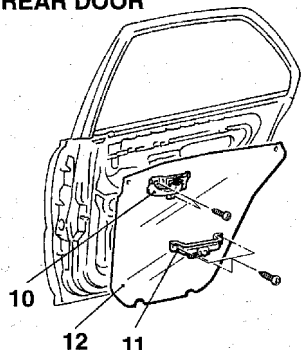
<3-dimensional molded door trim>



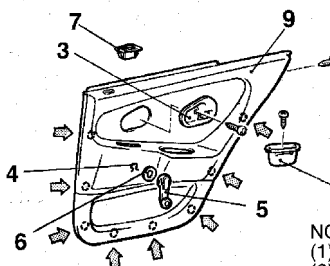
<Flat door trim>



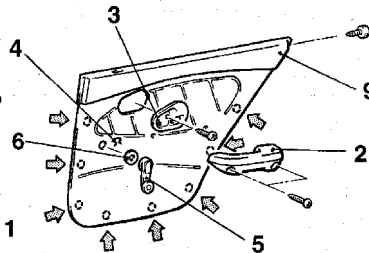
REAR DOOR



<3-dimensional molded door trim>



<Flat door trim (1993 models)>

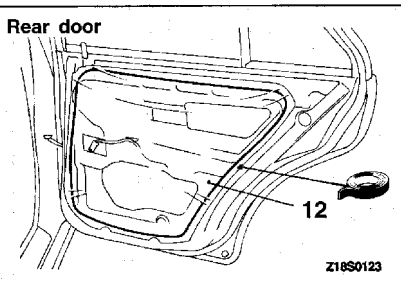
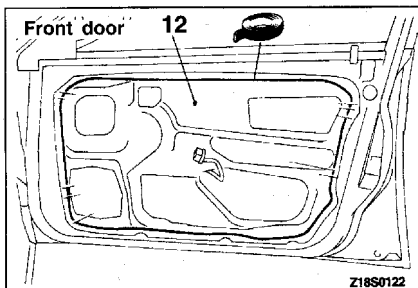


Z18S0390

NOTE

- (1) : Indicates the clip positions
- (2) The clip marked with * is used on 2-door models

Y18S0125



Sealant: 3M ATD Part No. 8625 or equivalent

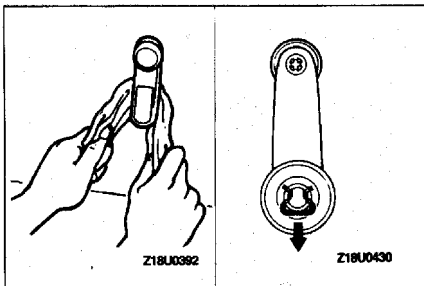
3-dimensional molded door trim removal steps

1. Pull handle
3. Cover
4. Clip
5. Regulator handle
6. Escutcheon
7. Power window switch
8. Door lock switch (Passenger's side)
9. Door trim
10. Door inside handle
11. Pull handle bracket
12. Waterproof film

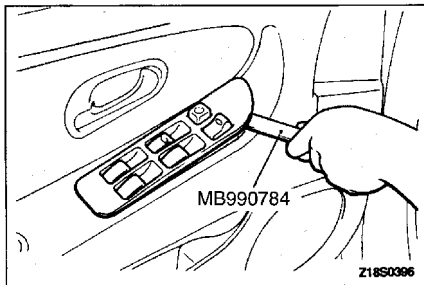
Flat door trim removal steps

2. Armrest
3. Cover
4. Clip
5. Regulator handle
6. Escutcheon
9. Door trim
10. Door inside handle
12. Waterproof film

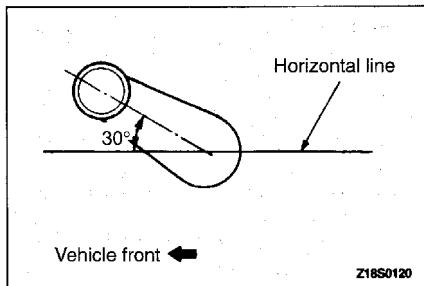


**REMOVAL SERVICE POINTS****◀▶ CLIP REMOVAL**

Remove the clip by using a rag, and then remove the regulator handle.

**◀▶ POWER WINDOW SWITCH REMOVAL**

The power window switch has clips at the front, so use the special tool to remove the switch from the front.

**INSTALLATION SERVICE POINT****▶▶ ESCUTCHEON / REGULATOR HANDLE / CLIP INSTALLATION**

- (1) Install the escutcheon and the clip to the regulator handle.
- (2) Fully close the front door glass, and install the regulator handle so that it faces as shown in the illustration.

DOOR GLASS AND REGULATOR

110003252

REMOVAL AND INSTALLATION

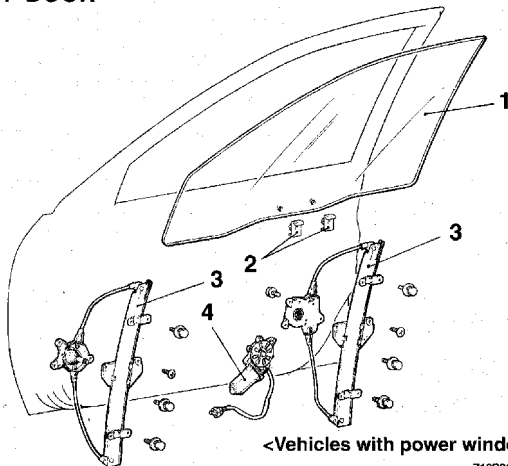
Pre-removal Operation

- Door Trim and Waterproof Film Removal (Refer to P. 42-27.)

Post-installation Operation

- Door Glass Adjustment (Refer to P. 42-5.)
- Door Trim and Waterproof Film Installation (Refer to P. 42-27.)

FRONT DOOR

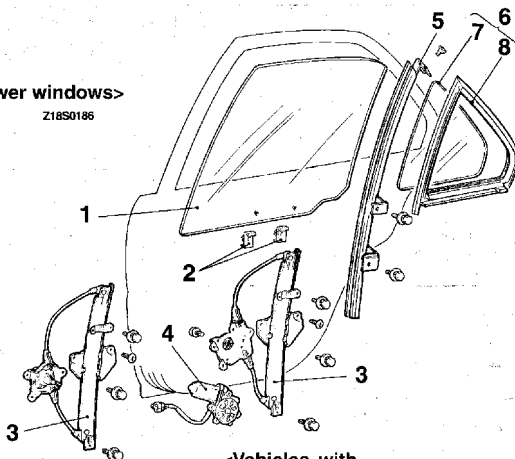


<Vehicles with power windows>

Z18S0185

<Vehicles without power windows>

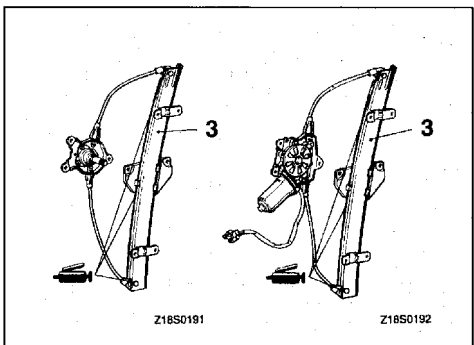
REAR DOOR



<Vehicles with power windows>

Z18S0187

<Vehicles without power windows>



Z18S0191

Z18S0192

Window regulator assembly removal steps

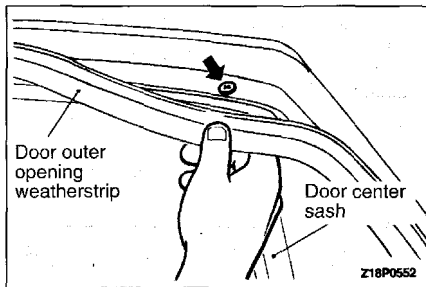
- Window glass runchannel <Rear door> (Refer to P. 42-37.)
1. Door window glass
 2. Door glass holder
 3. Window regulator assembly
 4. Power window motor

Stationary window glass removal steps

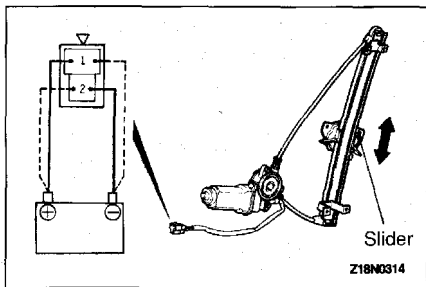
- Window glass runchannel (Refer to P. 42-37.)
1. Door window glass
 5. Door center sash
 6. Stationary window glass and weatherstrip
 7. Stationary window glass
 8. Stationary window weatherstrip



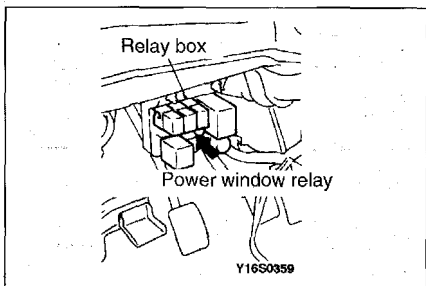
00001184

**REMOVAL SERVICE POINT****◀▶ DOOR CENTER SASH REMOVAL**

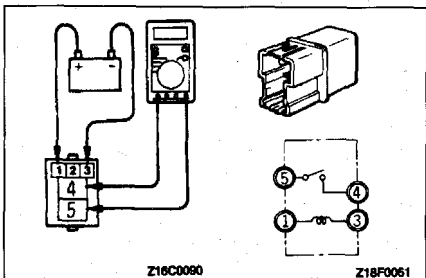
- (1) Remove the door outer opening weatherstrip from the door center sash only.
- (2) Remove the door center sash mounting screws and remove the door center sash from the door panel.

**INSPECTION****POWER WINDOW MOTOR**

- (1) Check if the slider moves smoothly when the battery is directly connected to the motor terminals.
- (2) Check if the slider moves in the opposite direction when the battery is connected with the polarities reversed.

**POWER WINDOW RELAY**

- (1) Remove the power window relay from the relay box.

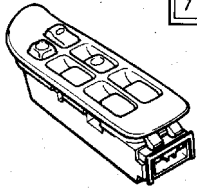
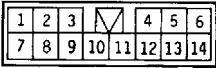


- (2) Check for continuity between the terminals.

Battery voltage	Terminal No.			
	1	3	4	5
Not applied	○	○		
Applied	⊕	⊖	○	○

POWER WINDOW SWITCH

Operate the switch and check continuity between the terminals.

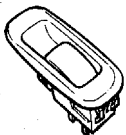
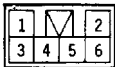


Z18S0394

Main switch

Terminal No.		Power window switch (normal)			Power window switch (lock)		
		UP	OFF	DOWN	UP	OFF	DOWN
Front (Driver's side)	4	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>
	2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	10	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Front (Passenger's side)	4	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>
	11	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>			
Rear (L.H.)	4	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>
	7	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
	3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>			
Rear (R.H.)	4	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>
	6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	14	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
	3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>			

Sub switch



Z18S0185

Terminal No.		Sub switch		
		UP	OFF	DOWN
Sub switch	1		<input type="radio"/>	<input type="radio"/>
	2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

DOOR HANDLE AND LATCH

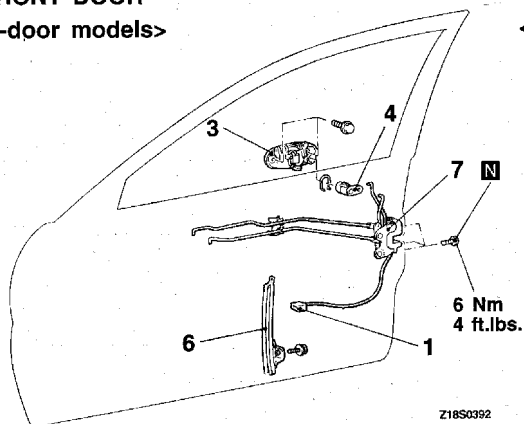
REMOVAL AND INSTALLATION

Pre-removal and Post-Installation Operation

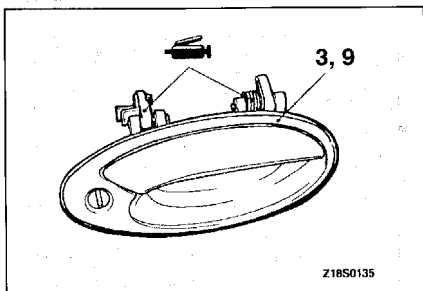
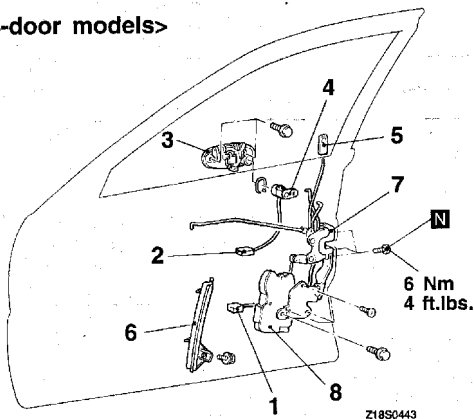
- Door Trim, Door Inside Handle and Waterproof Film Removal and Installation (Refer to P. 42-27.)

FRONT DOOR

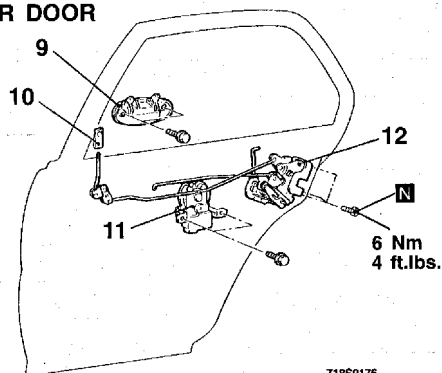
<2-door models>



<4-door models>



REAR DOOR



Door lock key cylinder removal steps

1. Door latch switch connector (Up to 1994 models)
2. Door lock key cylinder switch connector <Vehicles with central door locking> (From 1994 models)
3. Front door outside handle
4. Door lock key cylinder

Rear door latch assembly and rear door lock actuator removal steps

- ▶◀ A ▶
9. Rear door outside handle
 10. Inside lock knob
 11. Rear door lock actuator
 12. Rear door latch assembly

Front door latch assembly and front door lock actuator removal steps

- ▶◀ A ▶
3. Front door outside handle
 5. Inside lock knob
 6. Rear lower sash
 7. Front door latch assembly
 8. Front door lock actuator

INSPECTION

DOOR LOCK ACTUATOR

<Front (L.H.), Rear (R.H.)>

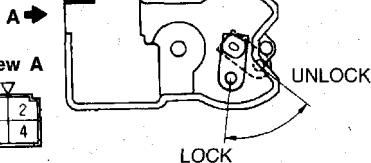
- (1) After setting the rod to the LOCK position, apply battery voltage to terminal 1 and check if the rod moves as far as the UNLOCK position when terminal 3 is grounded.
- (2) After setting the rod to the UNLOCK position and applying battery voltage to terminal 3, check if the rod moves as far as the LOCK position when terminal 1 is grounded.
- (3) After setting the rod of the front (L.H.) door lock actuator to the UNLOCK position, check if there is continuity between terminals 2 and 4. With the rod set to the LOCK position, check if there is no more continuity between terminals 2 and 4. (From 1994 models)

<Front (R.H.), Rear (L.H.)>

- (1) After setting the rod to the LOCK position, apply battery voltage to terminal 3 and check if the rod moves as far as the UNLOCK position when terminal 1 is grounded.
- (2) After setting the rod to the UNLOCK position and applying battery voltage to terminal 1, check if the rod moves as far as the LOCK position when terminal 3 is grounded.

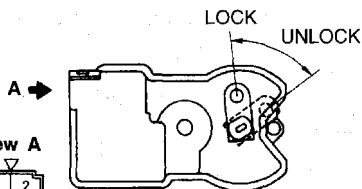
FRONT DOOR

<L.H.>



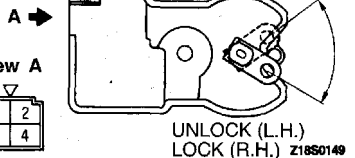
Z18S0148

<R.H.>



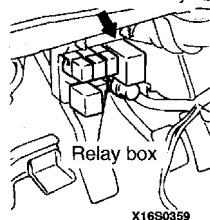
Z18S0147

REAR DOOR

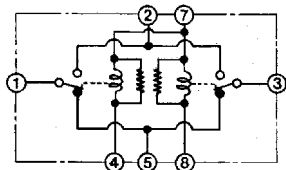
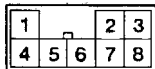
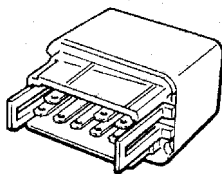


Z18S0149

Door lock control relay

**DOOR LOCK CONTROL RELAY <1993 models>**

(1) Remove the door lock control relay from the relay box.



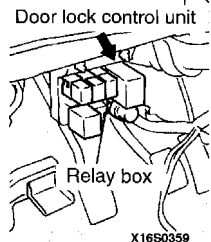
Z18A0061

(2) Check for continuity between terminals under the conditions described below.

Battery voltage	Terminal No.							
	1	2	3	4	5	7	8	
Not applied	○		○	—	○		○	
Applied	○	○		⊖	—	⊕	⊖	

DOOR LOCK CONTROL UNIT <From 1994 models>

(1) Remove the door lock control unit from the relay box.



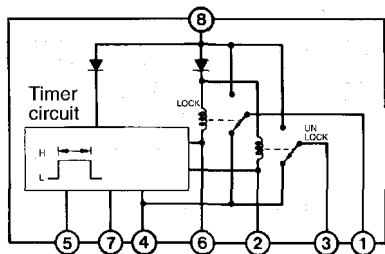
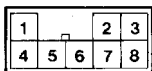
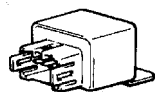
(2) Apply the power supply from the battery to terminal 8 and ground the terminals 4 and 5.

(3) Connect a pointer type voltmeter between terminal 3 and ground.

After switching to the DC V range, ground the terminal 7 to make sure that the pointer of the voltmeter moves instantaneously.

(4) Then, connect the pointer type voltmeter between terminal 1 and ground and disconnect the ground from terminal 5 to make sure that the pointer of the voltmeter moves instantaneously.

(5) In addition, check if there is battery voltage between terminal 6 and ground and between terminal 2 and ground.



Z19S0249

DOOR LOCK KEY CYLINDER SWITCH <From 1994 models>

Operate the switch and check the continuity between the terminals.

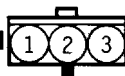
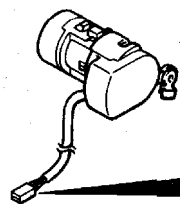
Operate the switch and check the continuity between the terminals.

Driver's side

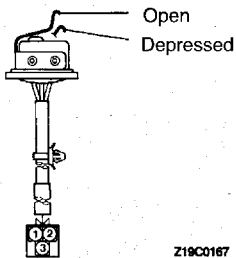
Switch position	Terminal No.	
	2	3
Neutral (OFF)		
UNLOCK	○	○

Passenger's side

Switch position	Terminal No.		
	1	2	3
LOCK	○	○	
Neutral (OFF)			
UNLOCK		○	○



Z16S0444



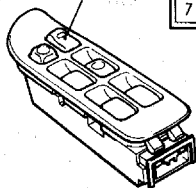
Z19C0167

DOOR LATCH SWITCH

Operate the switch, and check the continuity between the terminals.

Switch position		Terminal No.		
		1	2	3
Switch	Open (door open)		○—○	
	Depressed (door close)	○—○		

Door lock switch



Y18S0394

DOOR LOCK SWITCH

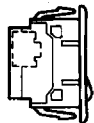
Operate the switch, and check the continuity between the terminals.

Driver's side

Switch position	Terminal No.		
	3	8	9
LOCK	○—○		
OFF			
UNLOCK	○—○		

Passenger's side

Switch position	Terminal No.		
	1	2	3
LOCK		○—○	
OFF			
UNLOCK	○—○		



Z18S0395

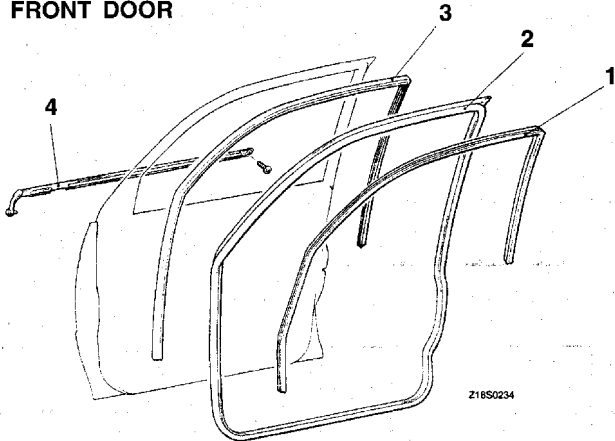
INSTALLATION SERVICE POINT**▶◀ INSIDE LOCK KNOB INSTALLATION**

Screw in the inside lock knob fully to install it.

WINDOW GLASS RUNCHANNEL AND DOOR OPENING WEATHERSTRIP

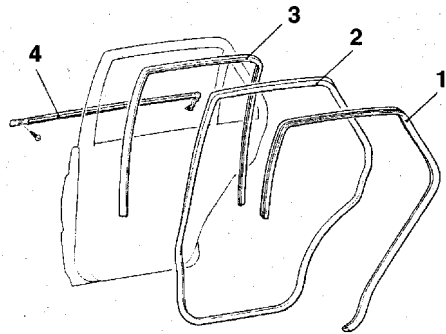
REMOVAL AND INSTALLATION

FRONT DOOR



Z1850234

REAR DOOR



Z1850236

Front door

A: 80 mm (3.15 in.)
B: 40 mm (1.57 in.)

Z1850083

Rear door

Z1850084

Sealant: 3M ATD Part No. 8625 or equivalent

00001188

Door inner opening weatherstrip removal steps

- Front pillar trim (Refer to GROUP 52A – Trims.)
- Center pillar trim (Refer to GROUP 52A – Trims.)
- 1. Door inner opening weatherstrip

Door outer opening weatherstrip removal steps

- Spring pin (Refer to P. 42-25.)
- 2. Door outer opening weatherstrip

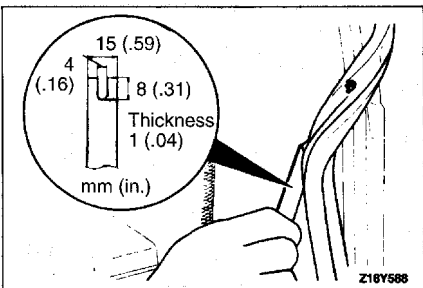
Window glass runchannel removal

- 3. Window glass runchannel

Beltline molding removal steps

- Door mirror (Refer to GROUP 51 – Door Mirror.) <Front door>
- 4. Beltline molding

42-38 BODY – Window Glass Runchannel and Door Opening Weatherstrip



REMOVAL SERVICE POINT

◀A▶ DOOR OUTER OPENING WEATHERSTRIP REMOVAL

Make a tool as shown in the illustration to remove the door opening weatherstrip.

INSTALLATION SERVICE POINT

▶A◀ DOOR OUTER OPENING WEATHERSTRIP INSTALLATION

The clip color identifies the left and right weatherstrips, so be sure to use the colors so as to install correctly.

Location	2-door models	4-door models
Left door	Brown	White
Right door	Yellow	Pink