

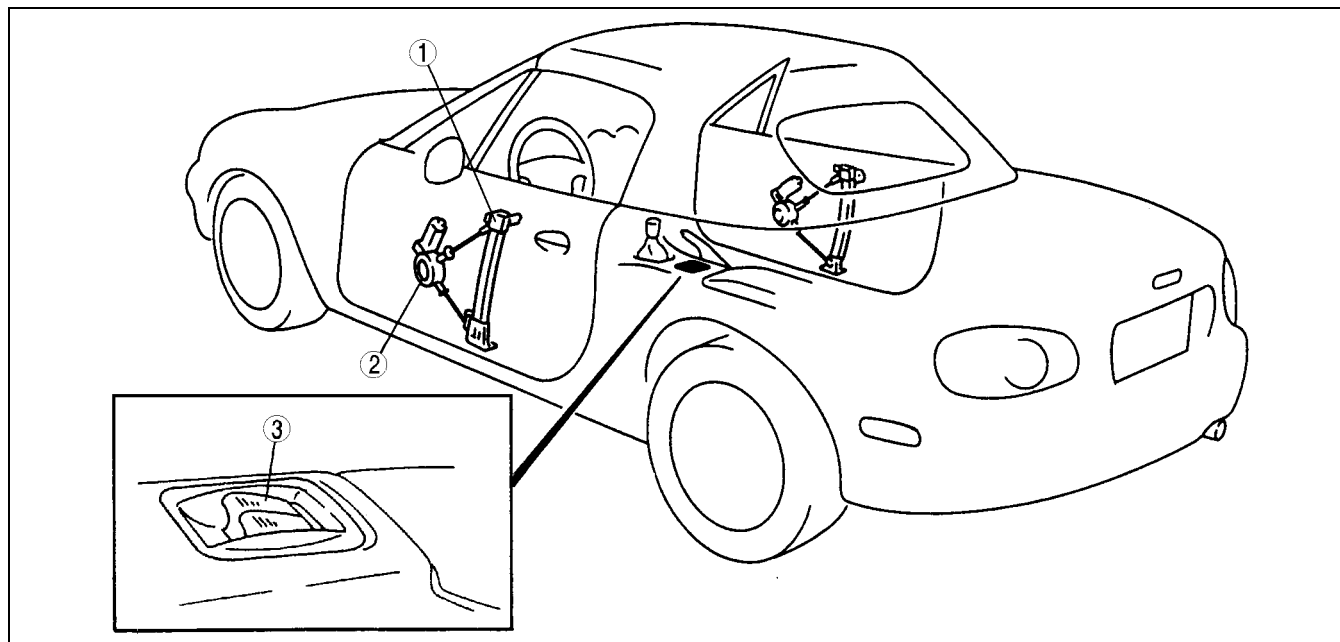
## 09-12 GLASS/WINDOWS/MIRRORS

### POWER WINDOW SYSTEM

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### POWER WINDOW SYSTEM LOCATION INDEX

A5U091258000W01



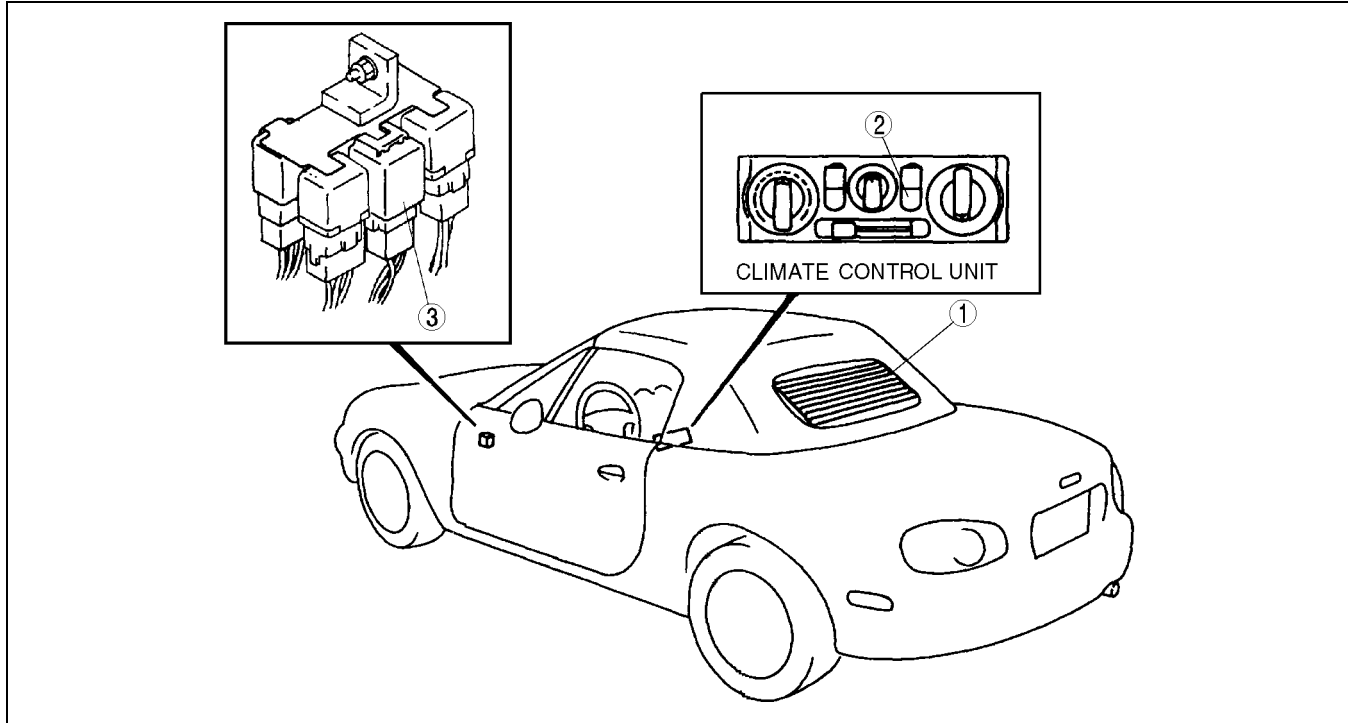
A5U0912W002

1	Power window regulator (See 09-12-7 POWER WINDOW REGULATOR REMOVAL/INSTALLATION) (See 09-12-7 POWER WINDOW REGULATOR DISASSEMBLY) (See 09-12-8 POWER WINDOW REGULATOR ASSEMBLY)
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2	Power window motor (See 09-12-9 POWER WINDOW MOTOR INSPECTION)
3	Power window switch (See 09-12-10 POWER WINDOW SWITCH REMOVAL/INSTALLATION) (See 09-12-10 POWER WINDOW SWITCH INSPECTION)

## REAR WINDOW DEFROSTER LOCATION INDEX

A5U091263000W01



A5U0912W001

1	Filament (See 09-12-17 FILAMENT INSPECTION) (See 09-12-17 FILAMENT REPAIR)
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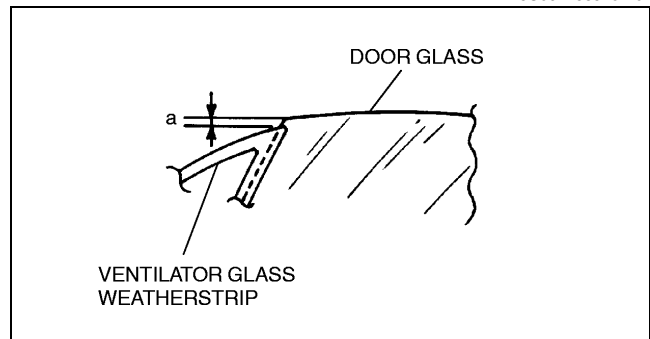
2	Rear window defroster switch (See 07-40-10 CLIMATE CONTROL UNIT DISASSEMBLY/ASSEMBLY) (See 09-12-18 REAR WINDOW DEFROSTER SWITCH INSPECTION)
3	Rear window defroster relay (See 09-21-5 RELAY INSPECTION)

## DOOR GLASS ADJUSTMENT

A5U091258510W01

- Adjust the clearance between the upper edge of the door glass and the ventilator glass weatherstrip.
  - If vehicle has a convertible top, adjust the retainer. (See 09-16-13 RETAINER ADJUSTMENT.)

	mm {in}		
Clearance	Standard	Minimum	Maximum
a	0 {0}	-0.5 {-0.02}	1.0 {0.04}



X5U912WC7

- Adjust the convertible top. (See 09-16-21 Top Lock.)
- Adjust the detachable hardtop. (See 09-16-21 Top Lock.)
- Raise the door glass fully and adjust it so that there is no clearance with the retainer weatherstrip.
- Remove the retainer weatherstrip.
- Adjust the door glass vertically.
- Adjust the door glass forward/backward.
- Adjust the door glass inward/outward.
- Verify the door glass is in correct position when it is fully raised.
- Install the weatherstrip.
- Verify the door glass raises and lowers smoothly with the door closed.

### Note

- The front retainer installation hole is named retainer installation hole No.1, and the bottom hole is named retainer installation hole No.8 (convertible top) or retainer installation hole No.6 (detachable hardtop).

## Vertical Adjustment

1. Measure the upper edge of the door glass and the retainer.
  - If not as specified, loosen the glass stopper installation bolts, move the glass stopper up or down and reposition the door glass.

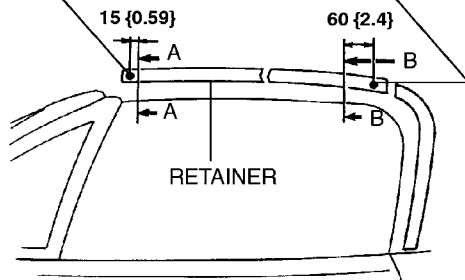
mm {in}

Clearance	Standard	Minimum	Maximum
a	9.6 {0.38}	6.6 {0.26}	12.6 {0.50}
b	9.3 {0.37}	6.3 {0.25}	12.3 {0.48}

### CONVERTIBLE TOP

RETAINER INSTALLATION  
HOLE No.1

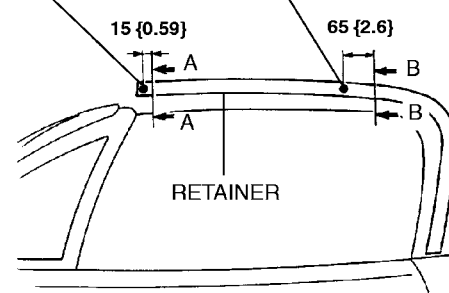
RETAINER INSTALLATION  
HOLE No.5



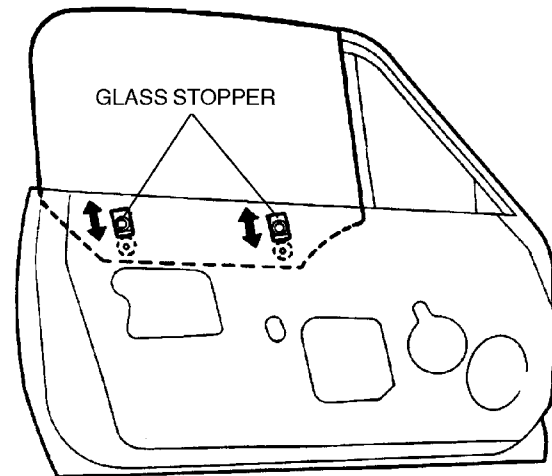
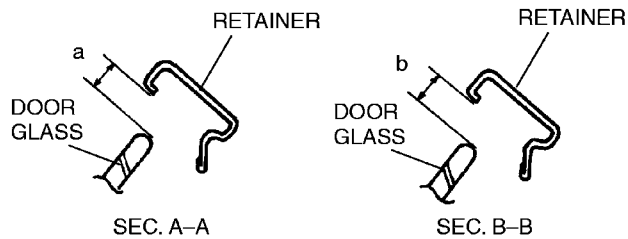
### DETACHABLE HARDTOP

RETAINER INSTALLATION  
HOLE No.1

RETAINER INSTALLATION  
HOLE No.3



mm {in}



Z5U0912WA4

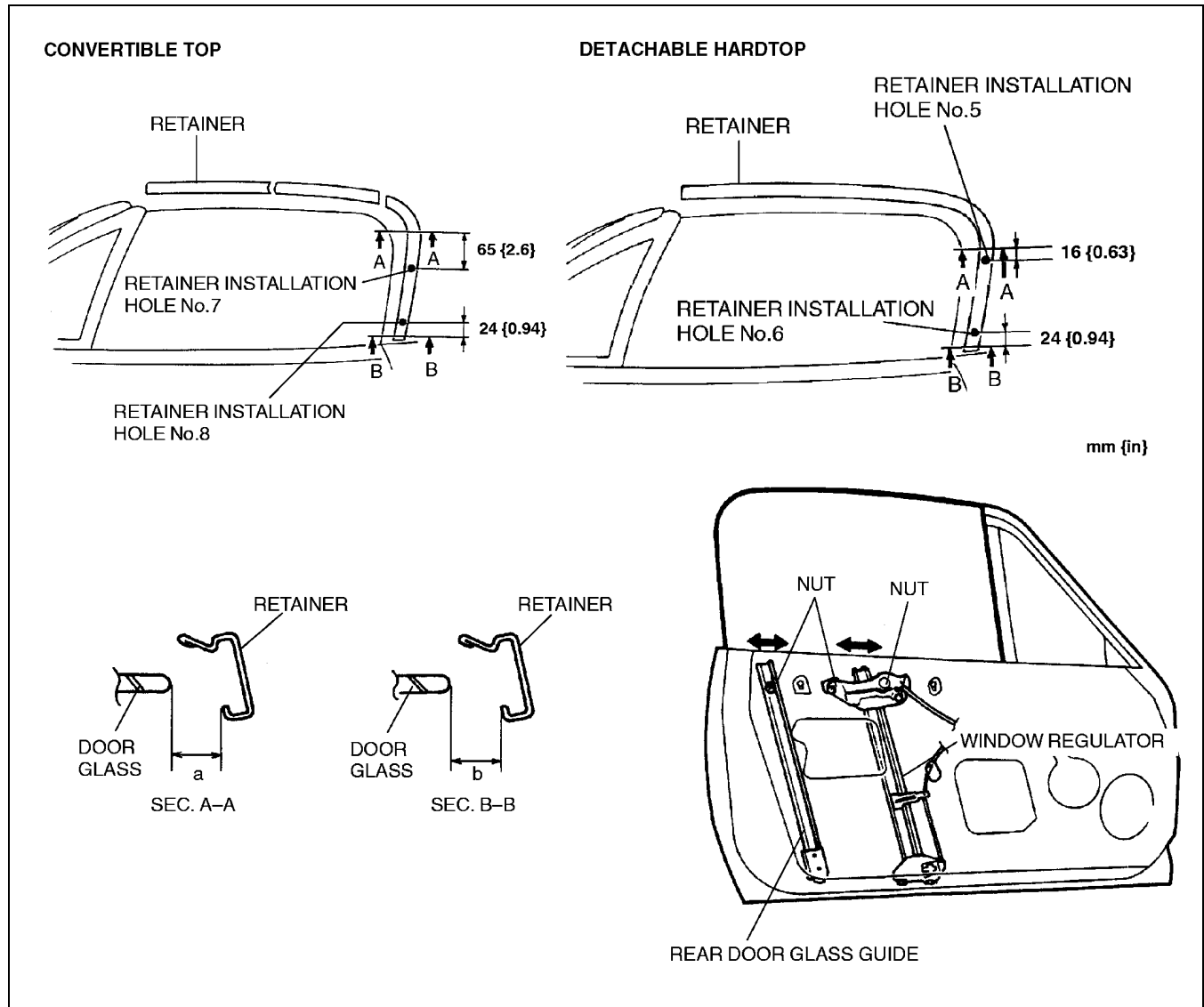
2. Tighten the bolts.

# GLASS/WINDOWS/MIRRORS

## Forward/Backward Adjustment

1. Measure the rear edge of the door glass and the retainer.
  - If not as specified, loosen the upper side of the window regulator installation nuts and that of the rear glass guide installation nuts, move the window regulator and the rear glass guide forward or backward and reposition the door glass.

mm {in}			
Clearance	Standard	Minimum	Maximum
a	12.5 {0.492}	9.5 {0.374}	15.5 {0.610}
b	12.1 {0.476}	9.1 {0.358}	15.1 {0.594}



Z5U0912WA5

2. Tighten the nuts.

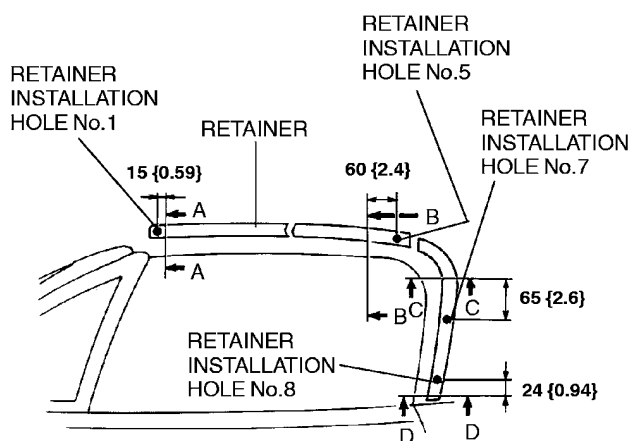
## Inward/Outward Adjustment

1. Measure the upper and rear edge of the door glass and the retainer.
  - If not as specified, loosen the lower side of the window regulator installation nuts and that of the rear glass guide installation nuts, move the window regulator and the rear glass guide inward or outward and reposition the door glass.

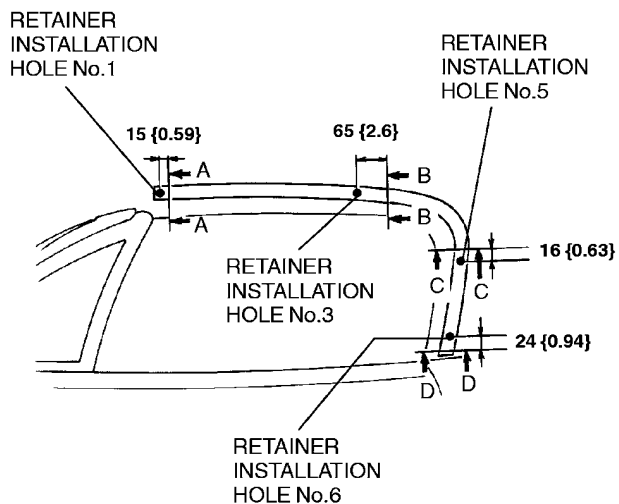
mm {in}

Clearance	Standard	Minimum	Maximum
a	9.6 {0.38}	6.6 {0.26}	12.6 {0.50}
b	7.8 {0.31}	4.8 {0.19}	10.8 {0.43}
c	6.2 {0.24}	3.2 {0.13}	9.2 {0.36}
d	10.8 {0.43}	7.8 {0.31}	13.8 {0.54}

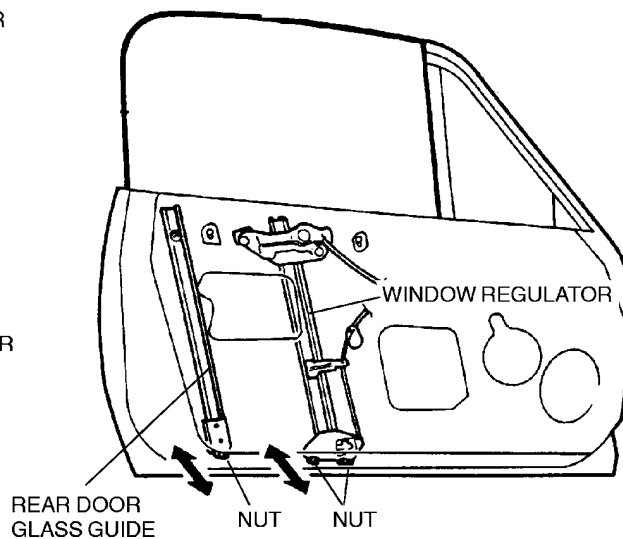
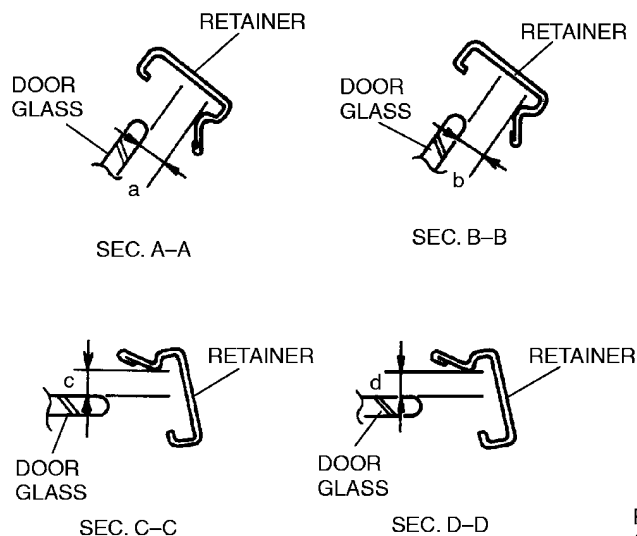
### CONVERTIBLE TOP



### DETACHABLE HARDTOP



mm {in}



Z5U0912WA6

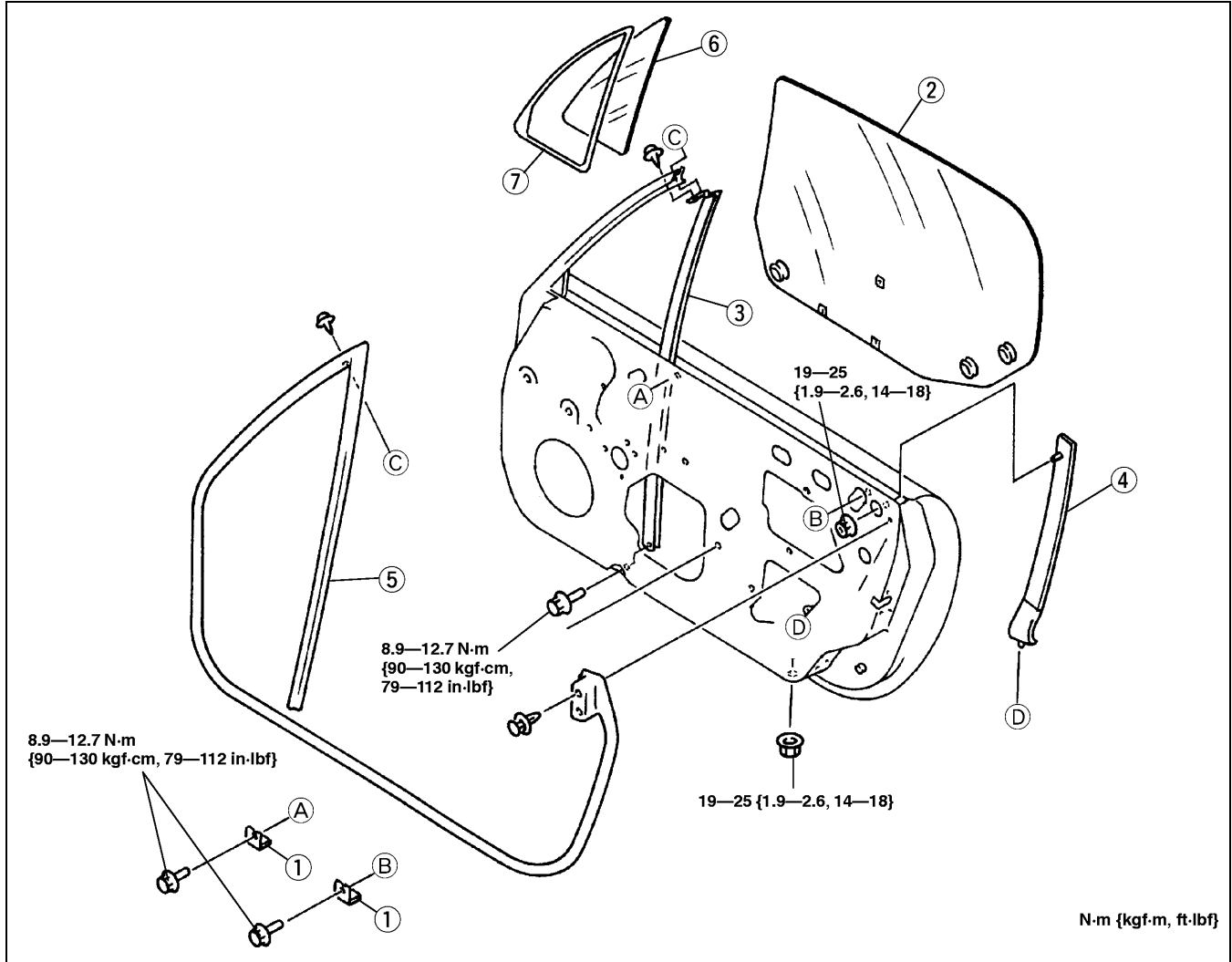
2. Tighten the nuts.

# GLASS/WINDOWS/MIRRORS

## DOOR GLASS AND GUIDE REMOVAL/INSTALLATION

A5U091258510W02

1. Lower or raise the front door glass so that the distance from the top of the front door glass at the molding is **225 mm {8.86 in.}**.
2. Disconnect the negative battery cable.
3. Remove the door screen. (See 09-11-2 DOOR DISASSEMBLY/ASSEMBLY.)
4. Remove in the order indicated in the table.
5. Install in the reverse order of removal.
6. Adjust the door glass. (See 09-12-2 DOOR GLASS ADJUSTMENT.)



Y5U912WA0

1	Glass stopper
2	Door glass
3	Front glass guide
4	Rear glass guide

5	Door weatherstrip
6	Ventilator glass
7	Ventilator glass weatherstrip

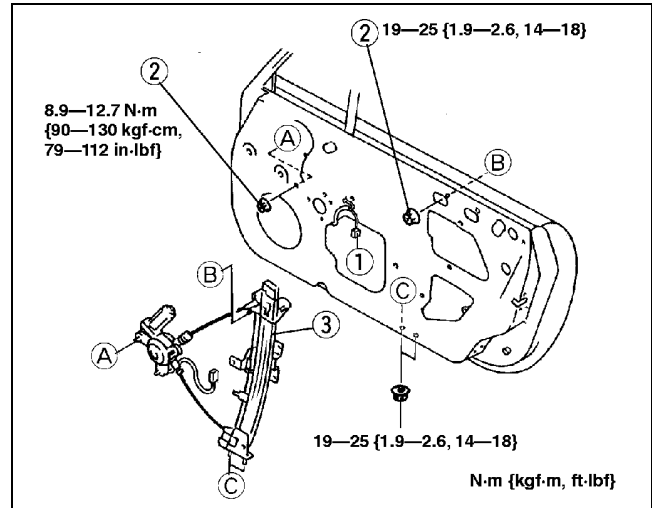
## POWER WINDOW REGULATOR REMOVAL/INSTALLATION

A5U091258560W01

1. Remove the front glass guide. (See 09-12-6 DOOR GLASS AND GUIDE REMOVAL/INSTALLATION.)
2. Disconnect the negative battery cable.
3. Remove in the order indicated in the table.

1	Connector
2	Nut
3	Power window regulator

4. Install in the reverse order of removal.
5. Adjust the door glass. (See 09-12-2 DOOR GLASS ADJUSTMENT.)

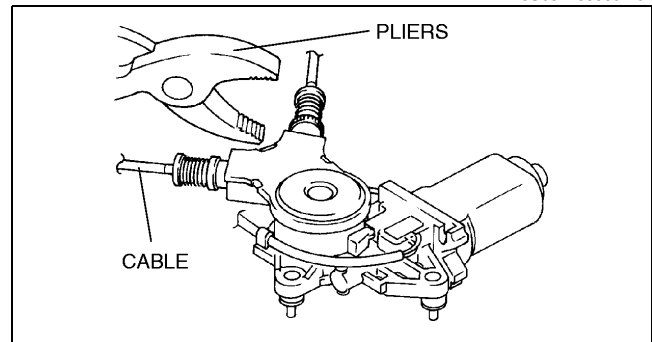


Z5U0912W01

## POWER WINDOW REGULATOR DISASSEMBLY

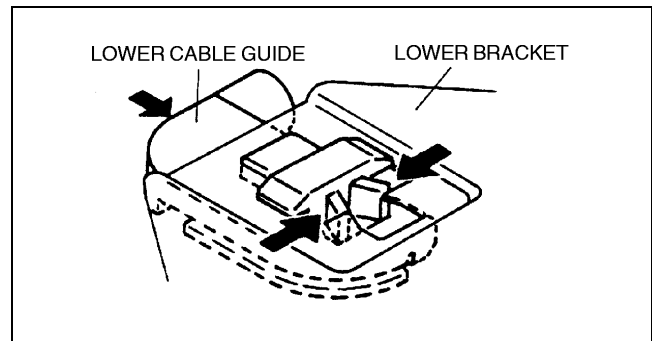
A5U091258560W02

1. Tighten the adjusting bolt with pliers and loosen the cable.



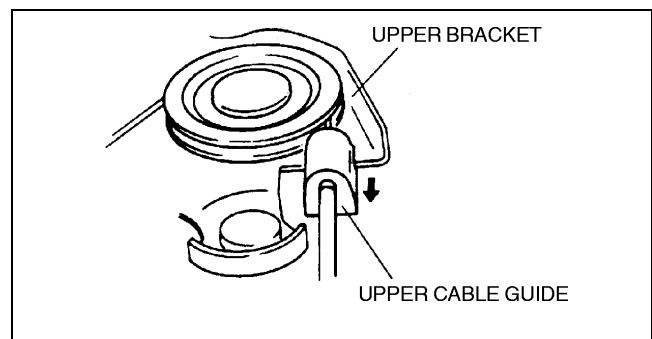
X5U912WAF

2. Disassemble the lower cable guide from the lower bracket with pliers.



X5U912WAG

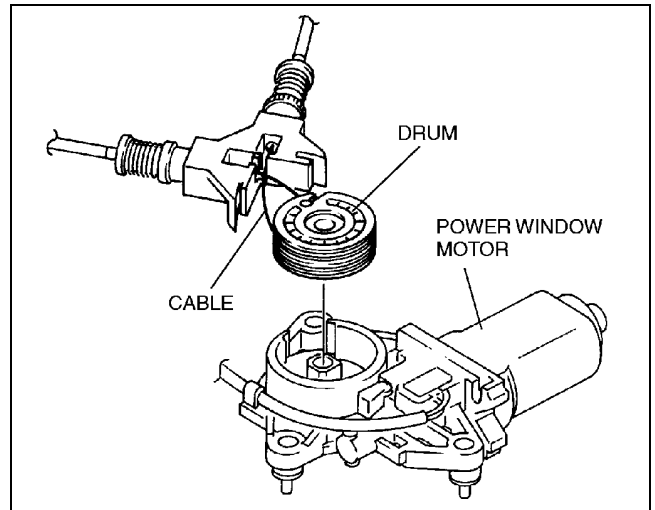
3. Disassemble the upper cable guide from the upper bracket.
4. Disassemble the drum cover.



X5U912WAH

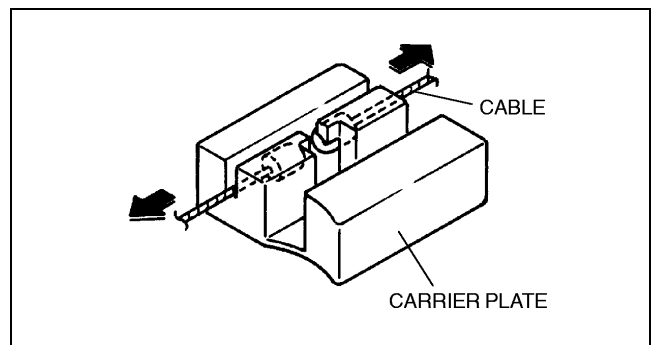
## GLASS/WINDOWS/MIRRORS

5. Take out the drum and disassemble the cable.



X5U912WAK

6. Pull the ends of the cables and disassemble from the carrier plate one at a time.
7. Disassemble the adjusting bolts.

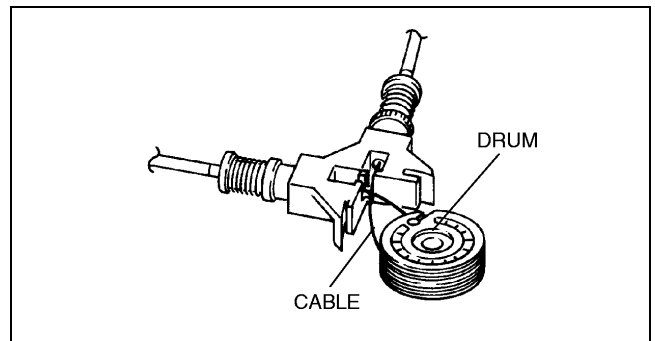


X5U912WAK

### POWER WINDOW REGULATOR ASSEMBLY

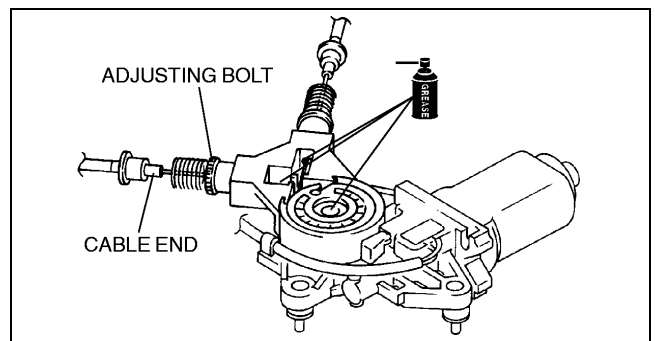
A5U091258560W03

1. Tighten the adjusting bolts fully.
2. Assemble the ends of the cables to the carrier plate.
3. Insert the cables into the adjusting bolts.
4. Wind the cable around the top part of the drum three times and the bottom part twice or around the top part twice and the bottom part three times.
5. Assemble into the power window motor. Taking care to prevent the cable from getting caught between the drum and the motor and the motor housing, carefully assemble the cable onto the upper bracket pulley.
6. Verify that the ends of the cables are inserted into the adjusting bolts, shift the lower cable guide until a clicking sound is heard, and assemble to the lower bracket.



X5U912WAL

7. Apply grease to the parts shown in the figure.
8. Assemble the drum cover.



X5U912WAM

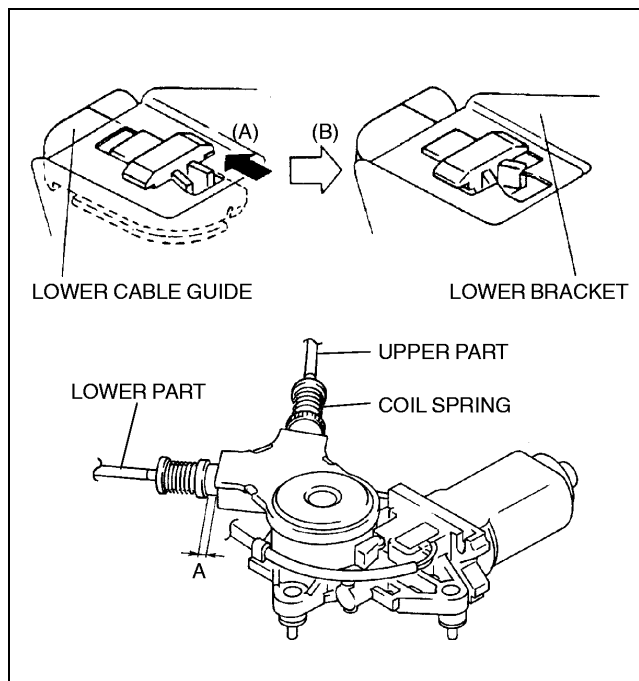
## GLASS/WINDOWS/MIRRORS

9. For the upper part, pull the (A) part of the cable and for the lower part, pull the (B) part of the cable. Adjust the adjusting bolts, making sure the coil springs do not bend.

### Adjustment range

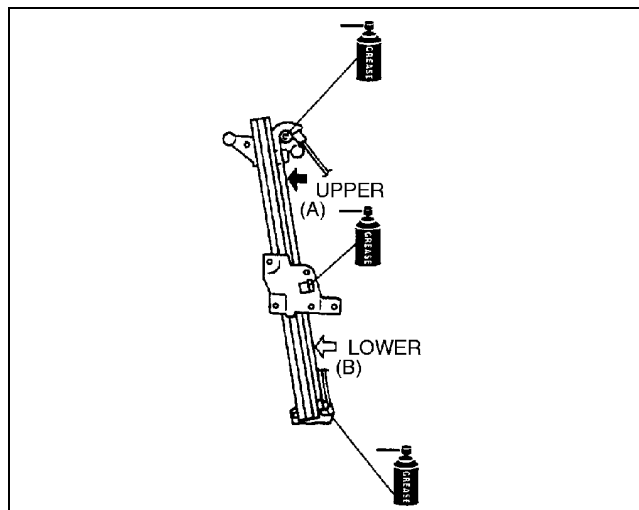
A: 0.5—7.5 mm {0.1—0.2 in}

10. Fix the adjusting bolts with the thread lock.



X5U912WAN

11. Apply grease to places where the cable moves along the pulley and to the ends of the cables.  
12. After assembling, verify that the cable isn't damaged.



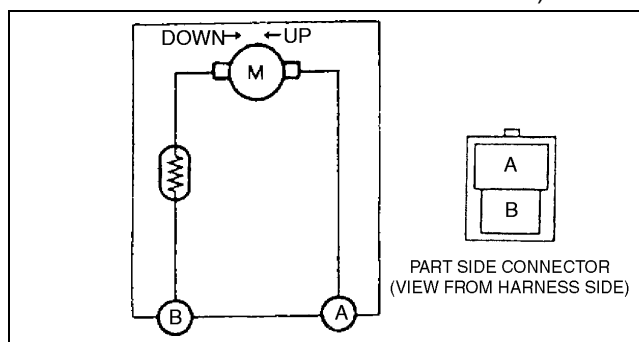
X5U912WAP

## POWER WINDOW MOTOR INSPECTION

- Remove the power window motor. (See 09-12-7 POWER WINDOW REGULATOR DISASSEMBLY.)
- Apply battery positive voltage to the power window motor terminals and inspect the operation of the power window motor.
  - If not as specified, replace the power window motor.

A5U091258581W01

Connection		Motor operation
B+	GND	
A	B	Turn left (Up)
B	A	Turn right (Down)



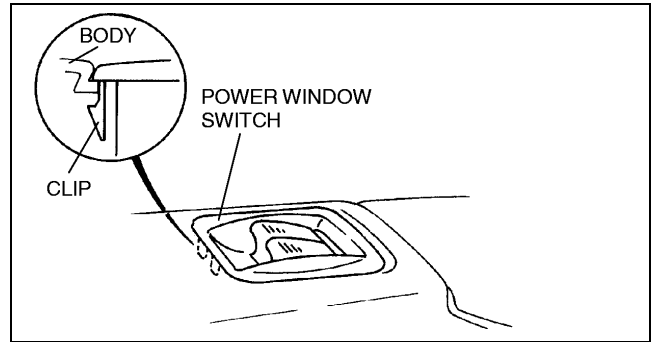
Y5U912WA2

# GLASS/WINDOWS/MIRRORS

## POWER WINDOW SWITCH REMOVAL/INSTALLATION

A5U091266330W01

1. Disconnect the negative battery cable.
2. Remove the power window switch using a flathead screwdriver wrapped with protective tape as shown in the figure.
3. Install in the reverse order of removal.



X5U912WAR

## POWER WINDOW SWITCH INSPECTION

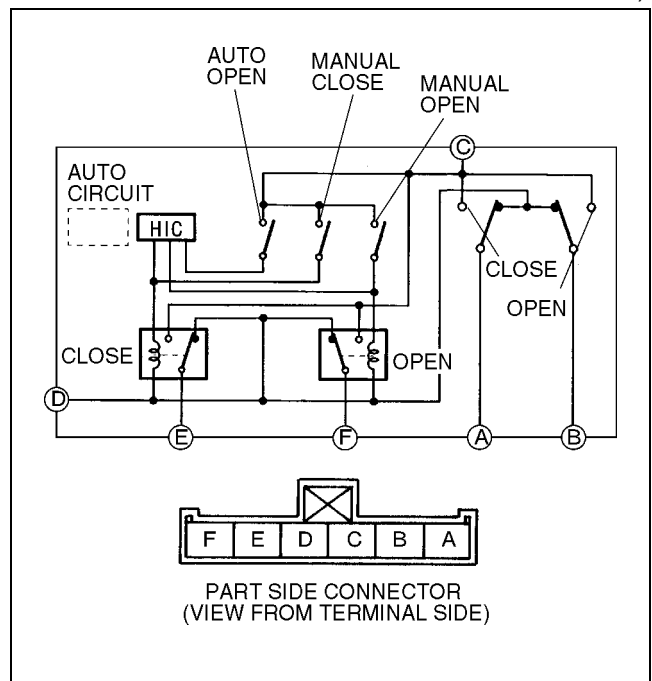
A5U091266330W02

1. Disconnect the negative battery cable.
2. Remove the power window switch. (See 09–12–10 POWER WINDOW SWITCH REMOVAL/INSTALLATION.)
3. Inspect for the continuity between the power window switch terminals using an ohmmeter.
  - If not as specified, replace the power window switch.

○—○ : Continuity

Switch position		Terminal					
		F	E	D	C	B	A
OFF		○	○	○	○	○	○
Driver's side	Manual close	○	○	○	○	○	○
	Auto open Manual open	○	○	○	○	○	○
Passenger's side	Manual close	○	○	○	○	○	○
	Manual open	○	○	○	○	○	○

Z5U0912WA1



Z5U0912WA0

## REAR WINDOW GLASS REMOVAL

A5U091263931W01

### Detachable Hardtop

#### Note

- The rear window molding is a replacement part.

1. Remove the rear window molding.
2. Apply protective tape along the edge of the body to protect it from damage.
3. Remove the rear window glass installation nuts.
4. Make a hole through the sealant and the dam from the inside of the vehicle using an awl.

#### Warning

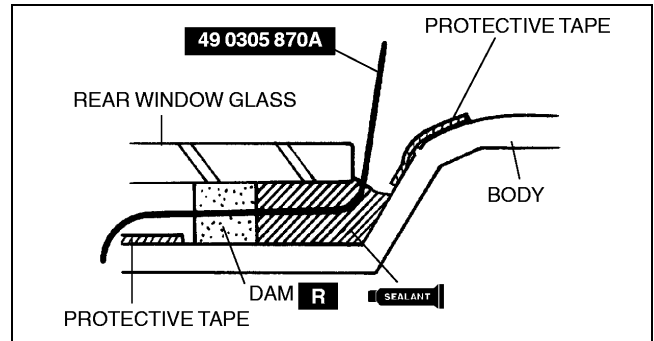
- Using a SST (piano wire) with bare hands can cause injury. Always wear gloves when using a SST (piano wire).

## GLASS/WINDOWS/MIRRORS

5. Pass the **SST** (piano wire) through the hole.
6. Wind each end of the **SST** (piano wire) around a bar.

### Note

- Use the entire length of **SST** (piano wire) to prevent it from breaking when cutting through the sealant.

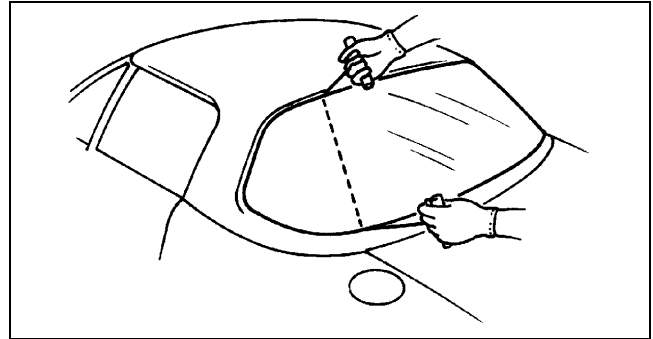


X5U912WAW

7. Working with another person, saw through the sealant around the edge of the glass, being careful not to damage the body.

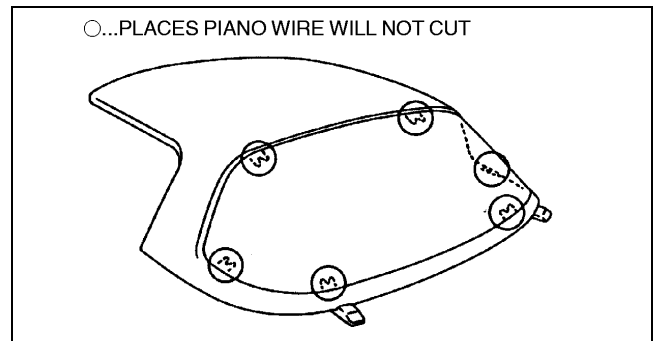
### Warning

- Using a razor with bare hands can cause injury. Always wear gloves when using a razor.



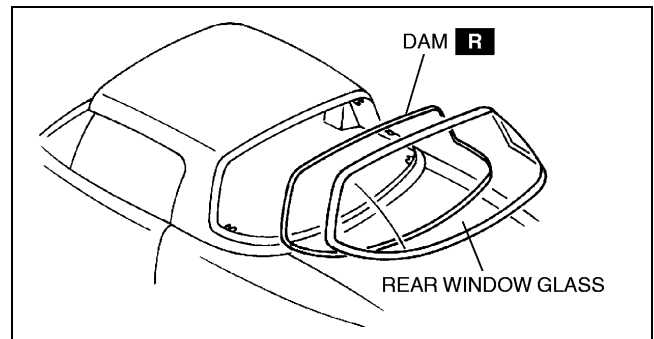
X5U912WAX

8. Use a razor to cut the places of rear window glass installation nuts where the **SST** (piano wire) will not cut.



X5U912WAY

9. Remove the rear window glass.
10. Remove the dam.



X5U912WAZ

## REAR WINDOW GLASS INSTALLATION

### Detachable Hardtop

A5U091263931W02

### Warning

- Using a razor with bare hands can cause injury. Always wear gloves when using a razor.

### Caution

- To prevent the sealant from cracking or the glass from being pushed out by air pressure if a door is closed, open all of the windows and leave them open until the sealant has hardened.

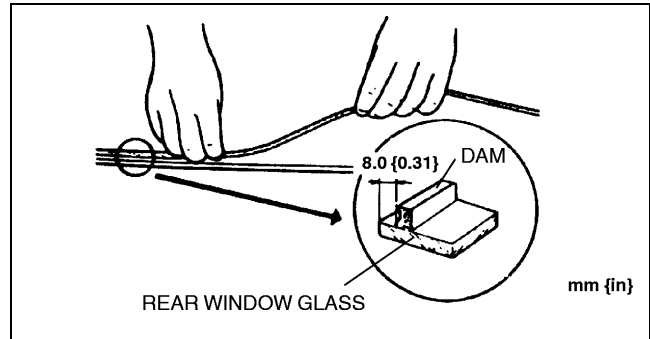
1. Cut away the old sealant using a razor so that 1—2 mm {0.04—0.07 in} thickness of sealant remains around the circumference of the frame.
  - If all the sealant has come off in any one place, apply some primer after decreasing, and allow it **30 minutes** to dry. Then put on new sealant to create a 2 mm {0.08 in} layer.

## GLASS/WINDOWS/MIRRORS

2. Clean and degrease an **approximately 50.0 mm {1.97 in}** wide strip around the circumference of the glass and the bonding area on the body.
3. Securely bond a dam around the circumference of the glass **8.0 mm {0.31 in}** from the edge.

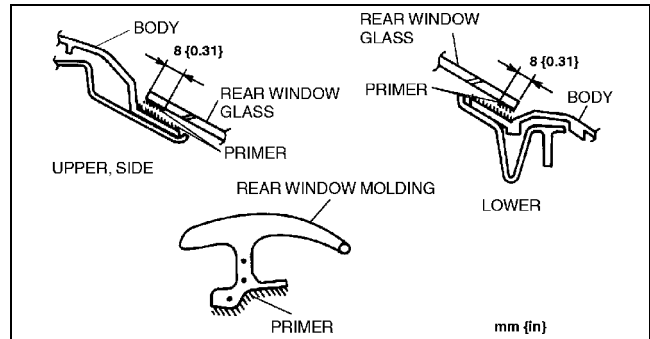
### Caution

- **Keep the area free of dirt and grease, and do not touch the surface or the primer may not properly bond to the surface of the glass and body which may cause leaks to occur.**



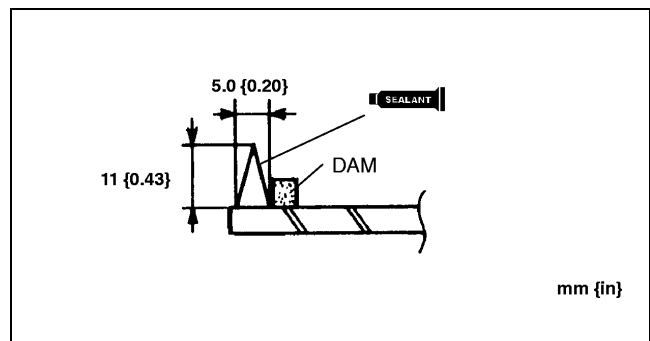
X5U912WB1

4. Use a brush to apply primer to the bonding area of the glass, the body and the molding within the region shown. Use only glass primer on the glass, and body primer on the body and the molding. Allow it to dry for **approximately 30 minutes**.



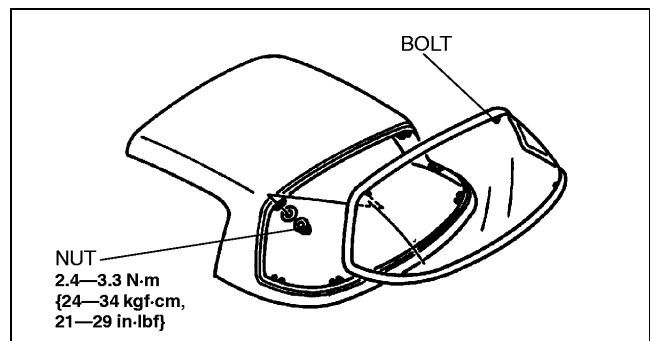
A5U0912W005

5. Once the primer is dry, apply sealant around the entire circumference to fill the gap between the dam and the edge of the glass with a **11.0—13.0 mm {0.44—0.51 in}** high and **5.0 mm {0.20 in}** wide bead of sealant.
6. Align the bolts and install the glass onto the body.
7. Press firmly on the glass to compress the sealant.



X5U912WB4

8. Install the nuts onto the bolts.

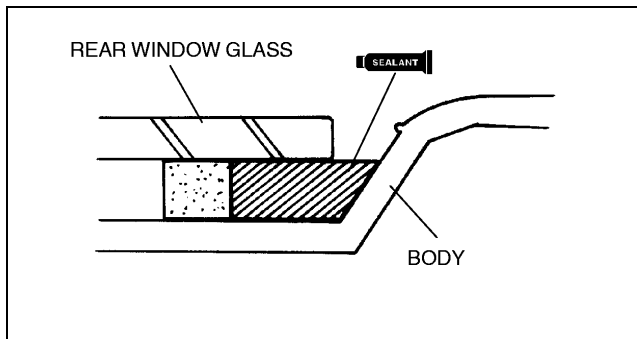


X5U912WB5

9. Use a scraper to smooth away any sealant that oozes out. Add more sealant to any points of poor contact. Adjust the sealant as shown if necessary.
10. Before the surface of the sealant has hardened, install the rear window molding. (See 09-16-2 REAR WINDOW MOLDING INSTALLATION.)

## Hardening time of sealant

Temperature	Surface hardening time	Time required until vehicle can be put into service
5°C {41°F}	Approx. 1.5 h	Approx. 12 h
20°C {68°F}	Approx. 1 h	Approx. 4 h
35°C {95°F}	Approx. 10 min.	Approx. 2 h



X5U912WB6

11. Use isopropyl alcohol to remove any excess sealant.

## WINDSHIELD REMOVAL

A5U091263900W01

1. Remove the rearview mirror. (See 09-12-21 REARVIEW MIRROR REMOVAL.)
2. Remove the base. (See 09-12-22 BASE REMOVAL.)
3. Remove the A-pillar trim. (See 09-17-6 A-PILLAR TRIM REMOVAL/INSTALLATION.)

### Note

- The windshield molding is a replacement part.

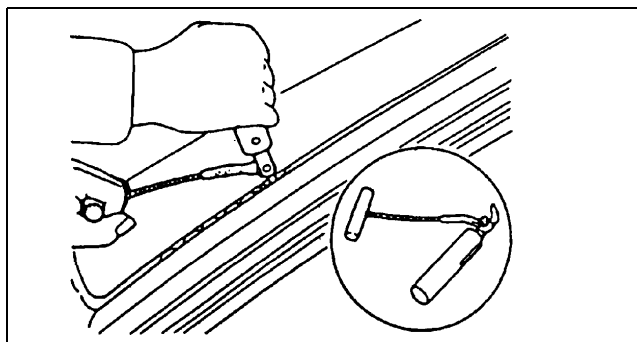
4. Remove the windshield molding. (See 09-16-4 WINDSHIELD MOLDING REMOVAL.)
5. Remove the cowl grille. (See 09-16-1 COWL GRILLE REMOVAL/INSTALLATION.)
6. Remove the sunvisor.
7. Remove the striker. (See 09-16-8 CONVERTIBLE TOP DISASSEMBLY/ASSEMBLY.) (See 09-16-20 DETACHABLE HARDTOP DISASSEMBLY/ASSEMBLY.)
8. Remove the front header trim. (See 09-17-7 FRONT HEADER TRIM REMOVAL/INSTALLATION.)
9. Apply protective tape along the edge of the body to protect it from damage.
10. Apply protective tape to the dashboard to protect it from damage.

## Not Reusing Windshield

### Note

- For the areas of the sealant that are difficult to cut, use the **SST** (piano wire) and follow the procedures under "Reusing Windshield".

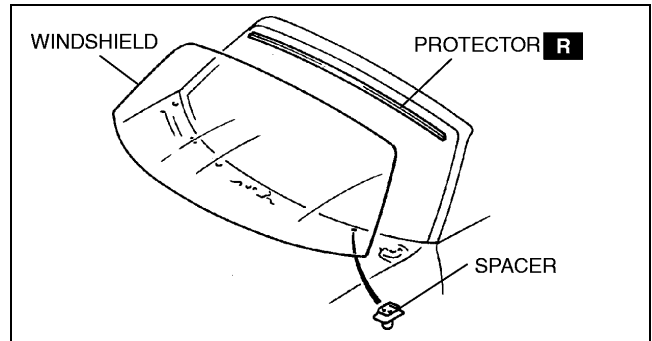
1. Use a tool like that shown in the figure, and insert the blade into the sealant.
2. Pull through the sealant around the edge of the glass.



X5U912WB7

## GLASS/WINDOWS/MIRRORS

3. Remove the windshield.
4. Remove the protector.
5. Remove the spacers.



X5U912WB8

### Reusing Windshield

1. Make a hole through the sealant from the inside of the vehicle using an awl.

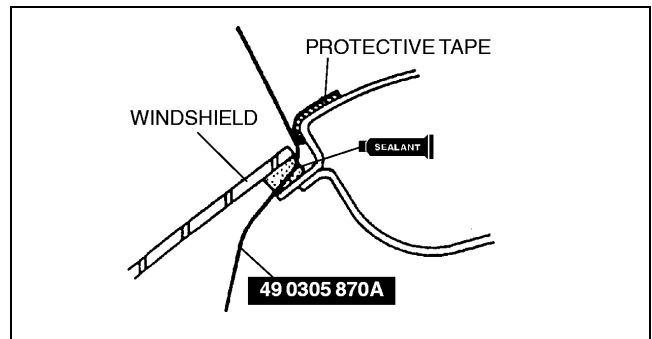
#### Warning

- Using a SST (piano wire) with bare hands can cause injury. Always wear gloves when using a SST (piano wire).

2. Pass the SST (piano wire) through the hole.
3. Wind each end of the SST (piano wire) around a bar.

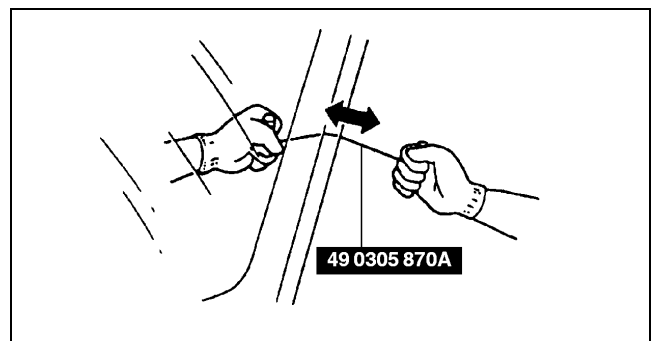
#### Note

- Use a long sawing action to spread the work over the whole length of the SST (piano wire) to prevent it from breaking.



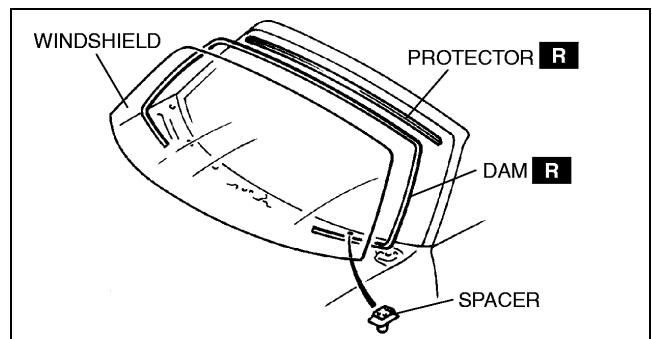
X5U912WB9

4. Working with another person, saw through the sealant around the edge of the glass.



X5U912WBA

5. Remove the windshield.
6. Remove the dam from the windshield.
7. Remove the protector.
8. Remove the spacers.



X5U912WBB

## WINDSHIELD INSTALLATION

A5U091263900W02

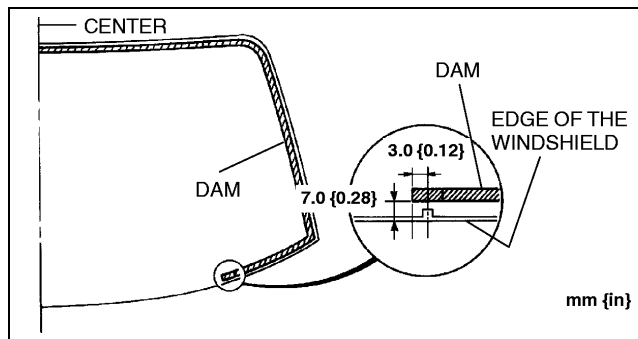
**Warning**

- Using a razor with bare hands can cause injury. Always wear gloves when using a razor.

**Caution**

- To prevent the sealant from cracking or the glass from being pushed out by air pressure if a door is closed, open all of the windows and leave them open until the sealant has hardened.

1. Cut away the old sealant using a razor so that **1—2 mm {0.04—0.07 in}** thickness of sealant remains around the circumference of the frame.
  - If all the sealant has come off in any one place, apply some primer after degreasing, and allow it **30 minutes** to dry. Then put on new sealant to create **2 mm {0.08 in}** layer.
2. Clean and degrease an **approximately 50.0 mm {1.97 in}** wide strip around the circumference of the glass and the bonding area on the body.
3. Securely bond a dam along the circumference of the glass **7.0 mm {0.28 in}** from the edge.
4. Install spacers into the hole.
5. Temporarily install the glass onto the body and adjust the glass-to-body clearance.

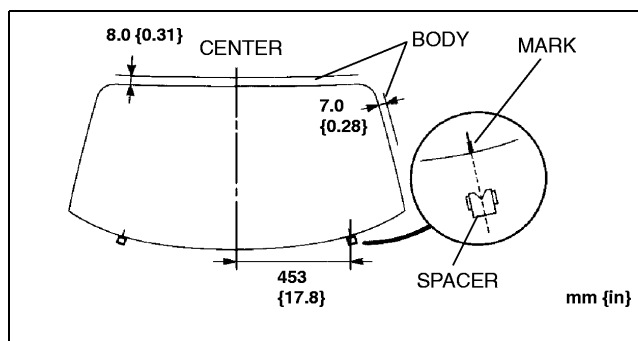


X5U912WBD

6. Make a mark on the glass directly above the V-notch of spacers.
7. Remove the windshield.

**Caution**

- Keep the area free of dirt and grease, and do not touch the surface or the primer may not properly bond to the surface of the glass and body which may cause leaks to occur.



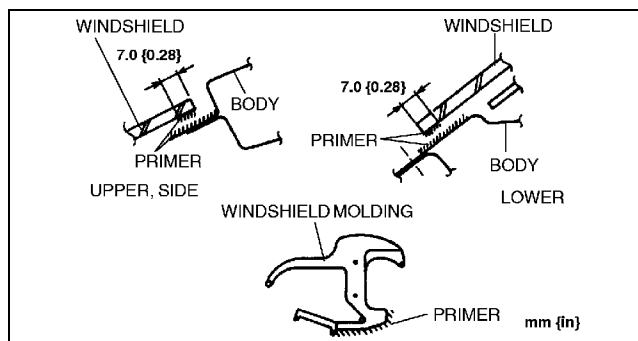
X5U912WBE

8. Use a brush to apply primer to the bonding area of the glass, the body and the molding within the region shown.

**Note**

- Use only glass primer on the glass, and body primer on the body and the molding. Allow it to dry for **approximately 30 minutes**.

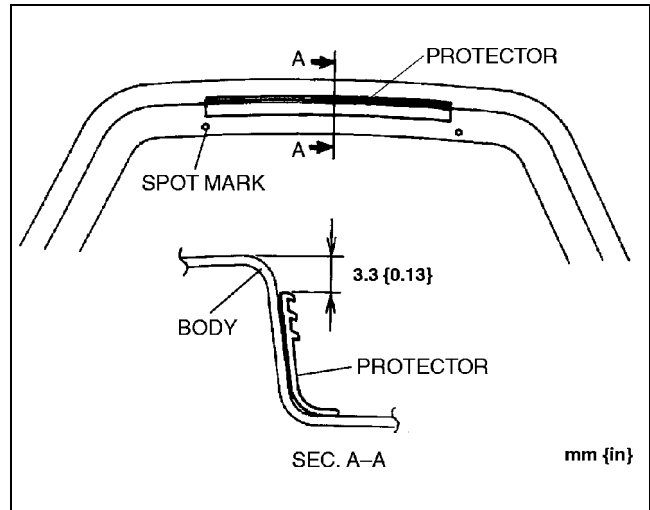
9. Align the edge of the protector to the spot mark.



A5U0912W003

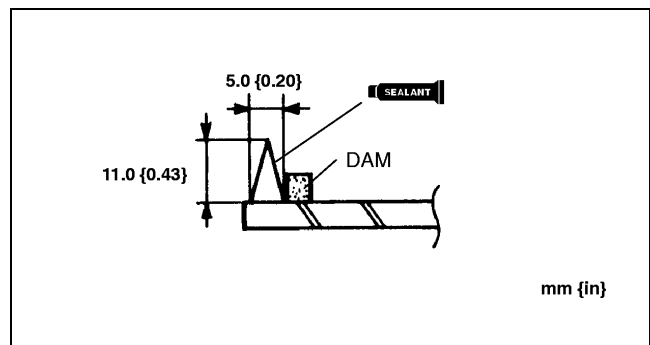
## GLASS/WINDOWS/MIRRORS

10. Securely bond the protector to the body as indicated in the figure.



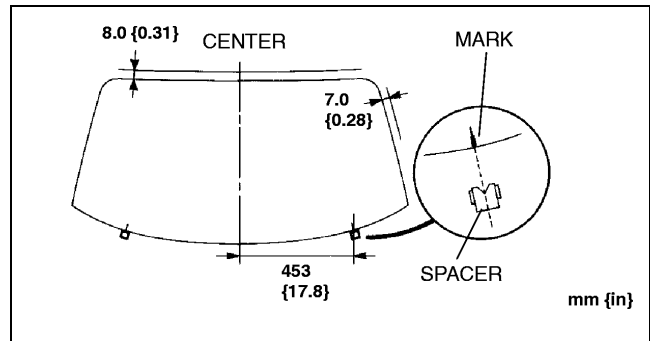
A5U0912W004

11. Once the primer is dry, apply sealant around the entire circumference to fill the gap between the dam and the edge of the glass measuring **11.0 mm {0.43 in}** high and **5.0 mm {0.20 in}** wide.
12. Align the glass marks with the V-notches in spacers and install the glass onto the body.
13. Press firmly inward on the glass to compress the sealant.



X5U912WBH

14. Verify that the gap along the upper edge is **8.0 mm {0.31 in}** and side edge is **7.0 mm {0.28 in}**.

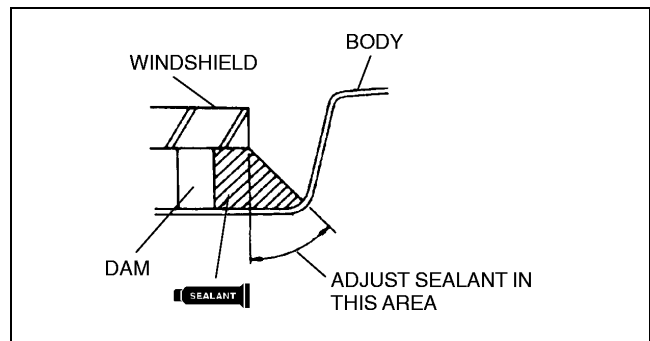


X5U912WBJ

15. Use a scraper to smooth away any sealant that oozes out. Add more sealant to any points of poor contact. Adjust the sealant as shown if necessary.
16. Before the surface of the sealant has hardened, install the windshield molding. (See 09-16-4 WINDSHIELD MOLDING INSTALLATION.)

### Hardening time of sealant

Temperature	Surface hardening time	Time required until vehicle can be put into service
5°C {41°F}	Approx. 1.5 h	Approx. 12 h
20°C {68°F}	Approx. 1 h	Approx. 4 h
35°C {95°F}	Approx. 10 min	Approx. 2 h



X5U912WBK

17. Use isopropyl alcohol to remove any excess sealant.
18. Install the front header trim. (See 09-17-7 FRONT HEADER TRIM REMOVAL/INSTALLATION.)
19. Install the striker. (See 09-16-8 CONVERTIBLE TOP DISASSEMBLY/ASSEMBLY.) (See 09-16-20 DETACHABLE HARDTOP DISASSEMBLY/ASSEMBLY.)

## GLASS/WINDOWS/MIRRORS

20. Install the cowl grille. (See 09-16-1 COWL GRILLE REMOVAL/INSTALLATION.)
21. Install the A-pillar trim. (See 09-17-6 A-PILLAR TRIM REMOVAL/INSTALLATION.)
22. Install the base. (See 09-12-22 BASE INSTALLATION.)
23. Install the rearview mirror. (See 09-12-21 REARVIEW MIRROR INSTALLATION.)

### FILAMENT INSPECTION

A5U091263930W01

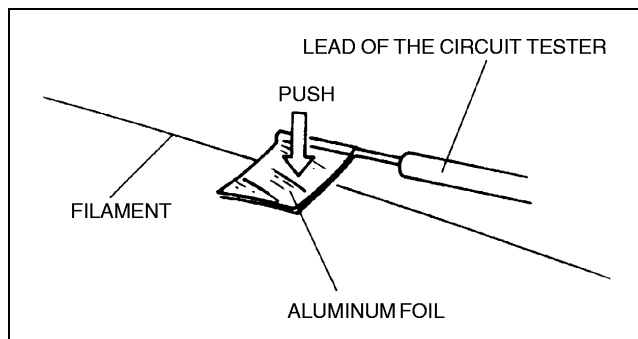
1. Turn the ignition switch to ON position.
2. Turn the rear window defroster switch on.

#### Caution

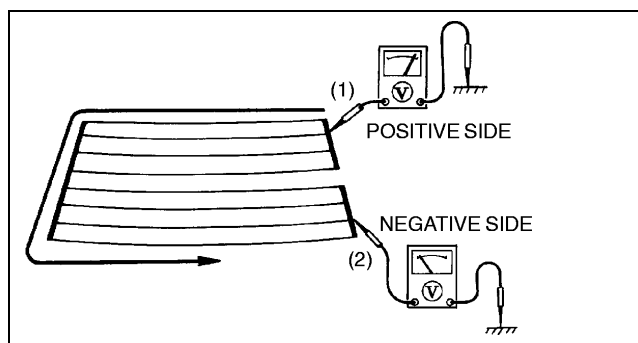
- **Directly touching the rear window defroster filament with the lead of the circuit tester will damage it. Wrap aluminum foil around the end of the lead and test the filament by touching it with the foil.**

3. Connect the positive (+) lead of the voltmeter to the positive side of each filament and the negative (-) lead to ground.
4. Gradually, slide the positive (+) lead from the positive side to the negative side and measure the voltage. Verify that the voltage decrease accordingly.
  - If the voltage is not as specified or it changes rapidly, the filament is faulty. Repair the filament.

Measurement place	Voltage (Reference value)
(1) → (2)	Approx. 12 V → Approx. 0 V



X5U912WBL



X5U912WBM

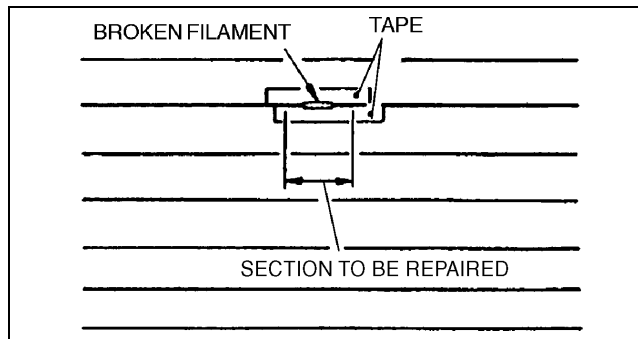
### FILAMENT REPAIR

A5U091263930W02

1. Use isopropyl alcohol to clean around the damaged section of the filament.
2. Attach tape above and below the damaged section of the filament.
3. Using a small brush or marking pen, repair the filament with silver paint or equivalent.
4. After **approximately 2—3 minutes**, carefully remove the tape without disturbing the repaired area.

#### Caution

- **Do not use the rear window defroster until the paint is completely dry. It may cause other malfunctions if it is used before the paint is dry.**



Y5U912WA9

5. Use a hot air blower heated to **150°C {302°F}** for **30 minutes** or let the paint set for **24 hours** at **25°C {77°F}** to allow it to dry completely.

## GLASS/WINDOWS/MIRRORS

### REAR WINDOW DEFROSTER SWITCH INSPECTION

A5U091266460W01

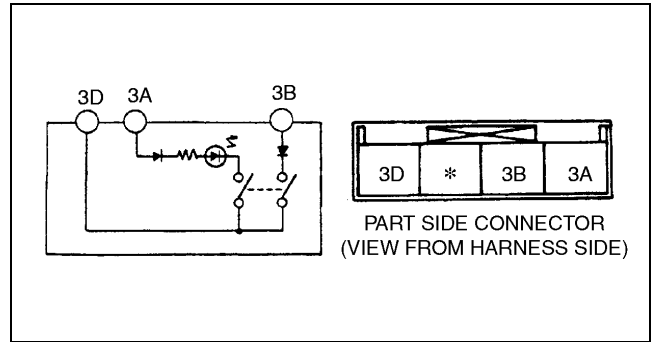
1. Remove the climate control unit. (See 07-40-8 CLIMATE CONTROL UNIT REMOVAL.)
2. Inspect for continuity between the rear window defroster switch terminals using an ohmmeter.

○—|—○ : Diode

Switch position	Terminal	
	3B	3D
Off		
On	○— —○	

X5U912WBS

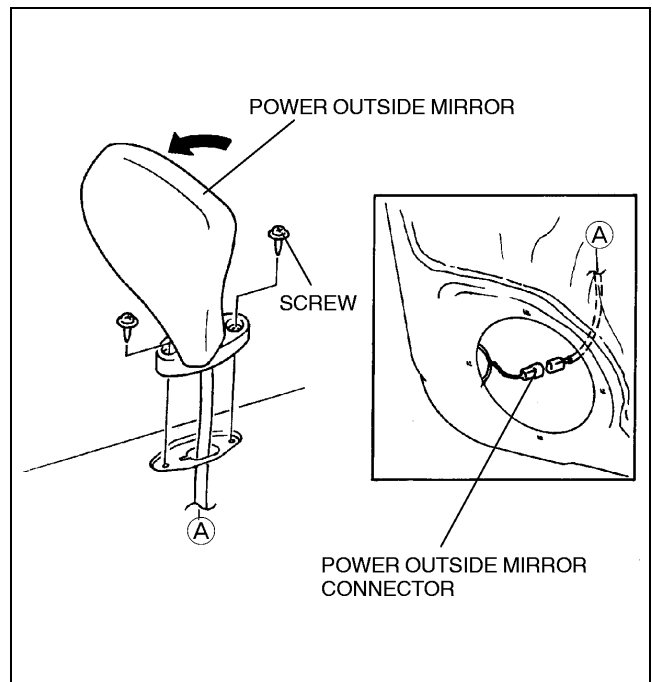
3. Connect battery positive voltage to terminal 3A and ground to the terminal 3D.
4. Turn the rear window defroster switch on.
5. Verify that the LED illuminates.
  - If not as specified, replace the fan and rear window defroster switch.



### POWER OUTSIDE MIRROR REMOVAL/INSTALLATION

A5U091269110W01

1. Disconnect the negative battery cable.
2. Remove the door speaker. (See 09-20-3 DOOR SPEAKER REMOVAL/INSTALLATION.)
3. Disconnect the power outside mirror connector.
4. Turn the power outside mirror forward.
5. Remove the screws.
6. Remove the power outside mirror.
7. Install in the reverse order of removal.



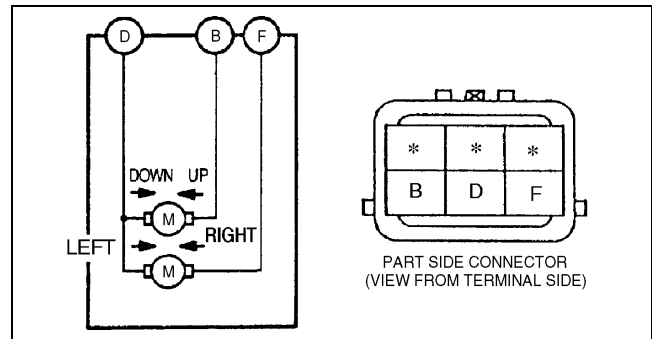
# GLASS/WINDOWS/MIRRORS

## POWER OUTSIDE MIRROR INSPECTION

A5U091269110W02

1. Remove the door speaker. (See 09-20-3 DOOR SPEAKER REMOVAL/INSTALLATION.)
2. Disconnect the power outside mirror connector. (See 09-12-18 POWER OUTSIDE MIRROR REMOVAL/INSTALLATION.)
3. Apply battery positive voltage to the power outside mirror terminals and inspect the operation of the power outside mirror.
  - If not as specified, replace the power outside mirror.

Terminal		Mirror operation
B+	GND	
B	D	Up
D	B	Down
D	F	Left
F	D	Right

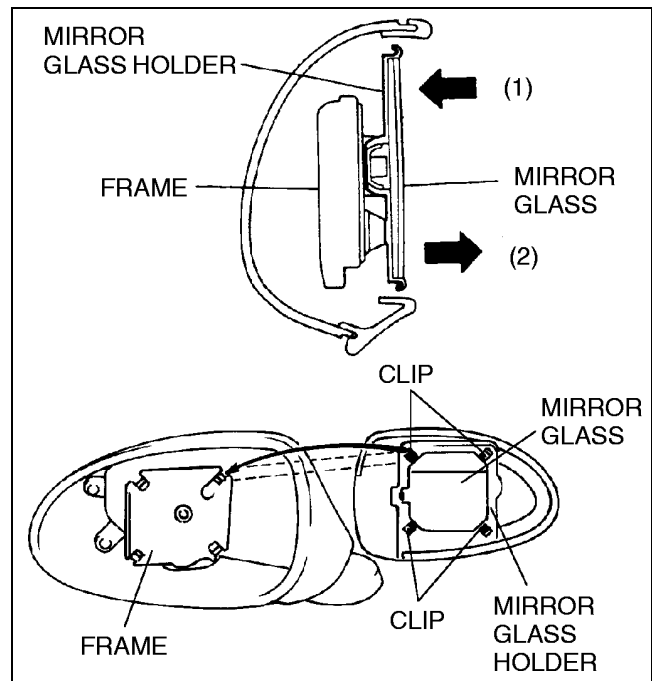


Y5U912WA7

## OUTSIDE MIRROR GLASS REMOVAL

A5U091269111W01

1. Put on gloves and safety glasses.
2. Push the top of the mirror glass. (1)
3. Pull the bottom of the mirror glass to disengage clips and remove the mirror glass holder with the mirror glass from the frame. (2)



Z5U0912WA7

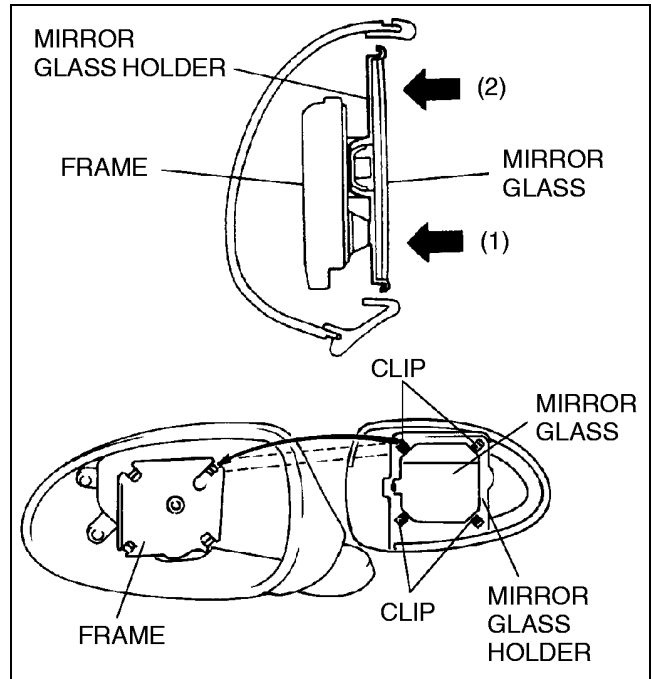
## OUTSIDE MIRROR GLASS INSTALLATION

A5U091269111W02

1. Put on gloves and safety glasses.

## GLASS/WINDOWS/MIRRORS

2. Insert the bottom of the mirror glass holder with the mirror glass into the frame to install the lower clips. (1)
3. Press the top of the mirror glass holder with the mirror glass onto the frame to install the upper clips. (2)

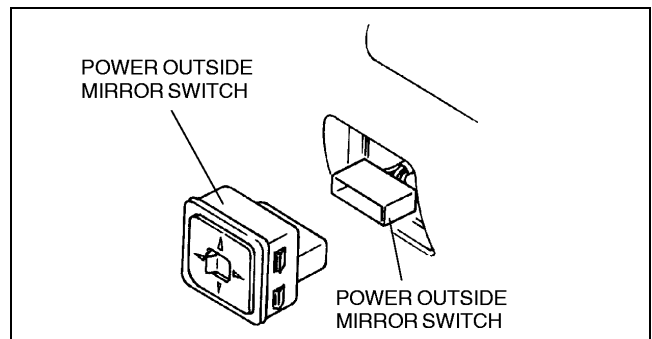


Z5U0912WA8

### POWER OUTSIDE MIRROR SWITCH REMOVAL/INSTALLATION

A5U091266600W01

1. Disconnect the negative battery cable.
2. Remove the lower panel.
3. Grasp the left and right sides of the power outside mirror switch and push it out to remove it.
4. Disconnect the power outside mirror switch connector.
5. Remove the power outside mirror switch.
6. Install in the reverse order of removal.



X5U912WBZ

# GLASS/WINDOWS/MIRRORS

## POWER OUTSIDE MIRROR SWITCH INSPECTION

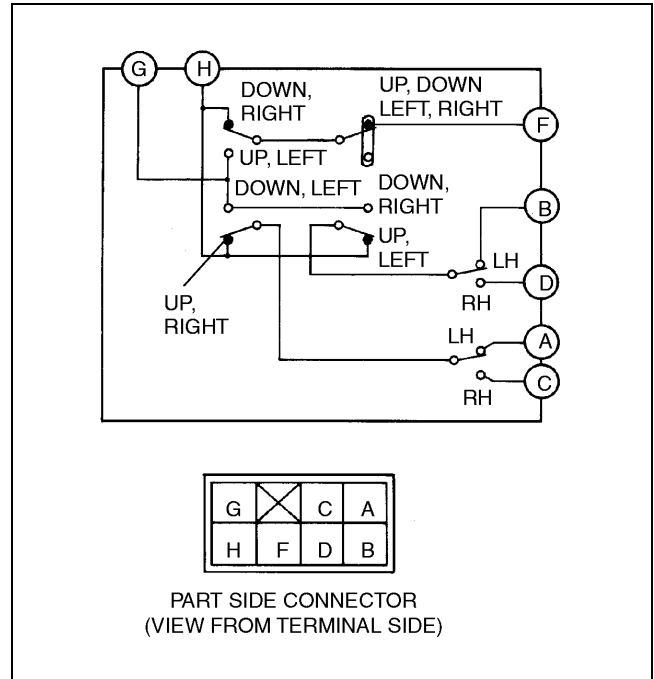
A5U09126600W02

1. Remove the power outside mirror switch. (See 09-12-20 POWER OUTSIDE MIRROR SWITCH REMOVAL/ INSTALLATION.)
2. Inspect for continuity between the power outside mirror switch terminals using an ohmmeter.
  - If not as specified, replace the power outside mirror switch.

○—○ : Continuity

Switch position		Terminal							
		A	B	C	D	F	G	H	
LH	Up	○—○				○—○		○	
	Down	○—○					○—○	○	
	Left	○	○			○—○	○	○	○
	Right	○	○				○—○	○	○
RH	Up			○—○	○		○—○	○	
	Down			○—○	○		○—○	○	
	Left			○	○	○—○	○	○	○
	Right			○	○		○—○	○	○

X5U912WC0



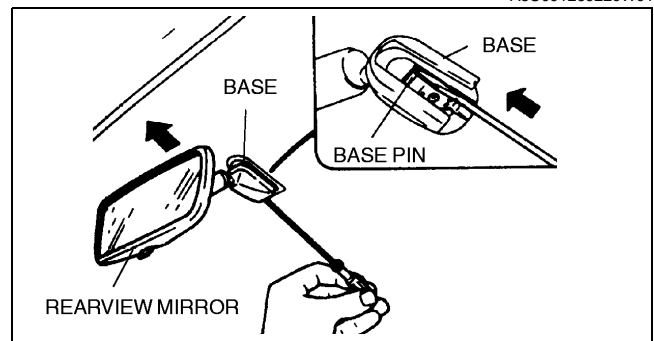
Y5U912WA8

09-12

## REARVIEW MIRROR REMOVAL

1. Insert a flathead screwdriver between the mirror and the base.
2. Push the base pin to remove the rearview mirror.

A5U091269220W01

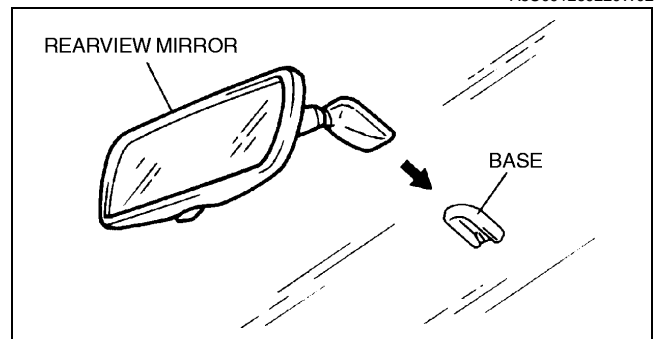


X5U912WC2

## REARVIEW MIRROR INSTALLATION

1. Install the rearview mirror onto the base.

A5U091269220W02



X5U912WC3

# GLASS/WINDOWS/MIRRORS

## BASE REMOVAL

A5U091269240W01

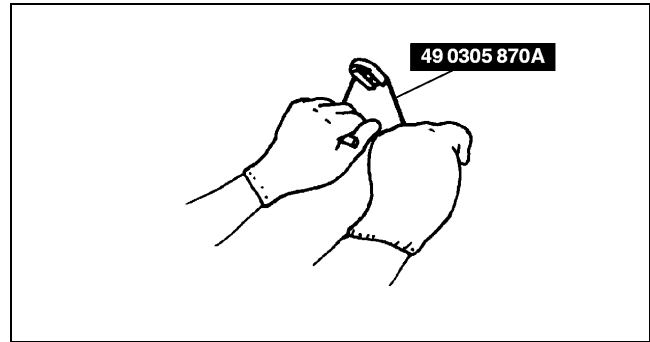
1. Remove the rearview mirror.
2. Wind each end of the **SST** (piano wire) around a bar.

### Warning

- Using the **SST** (piano wire) with bare hands can cause injury. Always wear gloves when using the **SST** (piano wire).

### Note

- Use the entire length of the **SST** (piano wire) to prevent it from breaking when cutting through the sealant.



X5U912WC4

3. Saw through the sealant to remove the base.

## BASE INSTALLATION

A5U091269240W02

### Warning

- Using a razor with bare hands can cause injury. Always wear gloves when using a razor.

1. Cut away all of the original sealant using a razor.
2. Clean and degrease the ceramic coating on the glass and the base.

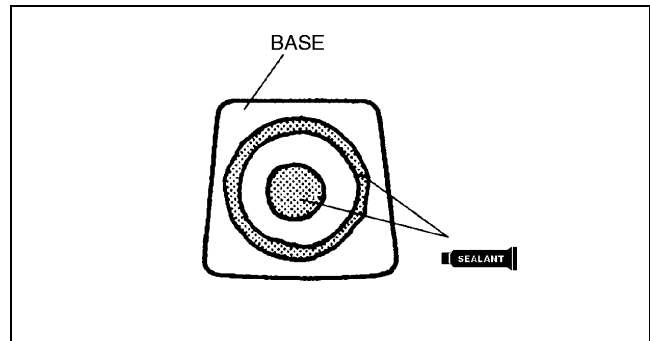
### Caution

- Keep the area free of dirt and grease, and do not touch the surface or the primer may not properly bond to the surface of the glass.

3. Apply primer to the bonding area of the glass and the base.
4. Apply a height of **3.0 mm {0.12 in}** sealant to the base.

### Note

- Use only glass primer on the glass, and body primer on the base. Allow the primer to dry for **approximately 30 minutes**.

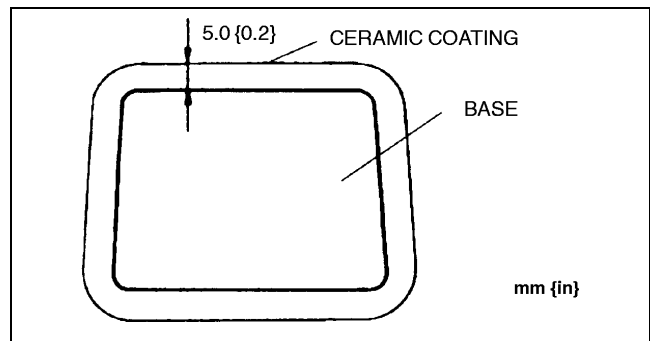


X5U912WC5

5. Center the base in the ceramic coating and press it onto the glass.
6. Use isopropyl alcohol to remove any excess sealant.

### Hardening time of sealant

Temperature	Surface hardening time	Time required until vehicle can be put into service
5°C {41°F}	Approx. 1.5 h	Approx. 12 h
20°C {68°F}	Approx. 1 h	Approx. 4 h
35°C {95°F}	Approx. 10 min.	Approx. 2 h



X5U912WC6

7. Install the rearview mirror.