

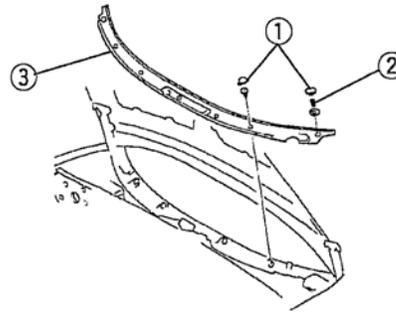
2005 ACCESSORIES & EQUIPMENT

Exterior Trim - MX-5 Miata

COWL GRILLE REMOVAL/INSTALLATION

1. Remove the windshield wiper arm and blade. (See **WINDSHIELD WIPER ARM AND BLADE REMOVAL/INSTALLATION** .)
2. Remove in the order indicated in the table.

1	Cowl cap
2	Screw
3	Cowl grille



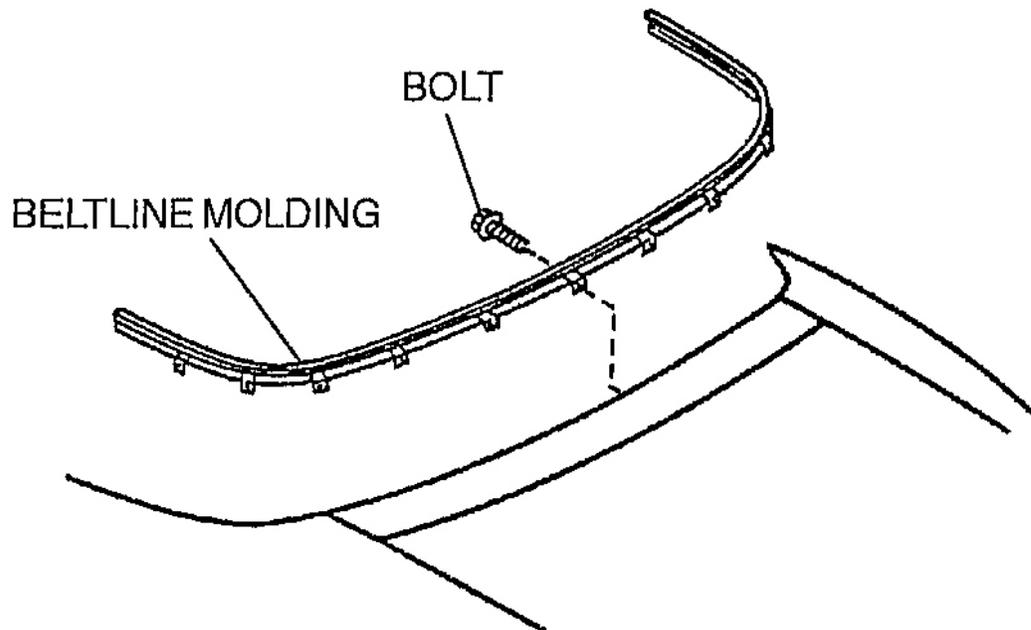
G03638804

Fig. 1: Removing Cowl Grille
 Courtesy of MAZDA MOTORS CORP.

3. Install in the reverse order of removal.

BELTLINE MOLDING REMOVAL/INSTALLATION

1. Remove the rear package trim.
2. Remove the set plate.
3. Remove the bolts.
4. Remove the beltline molding.



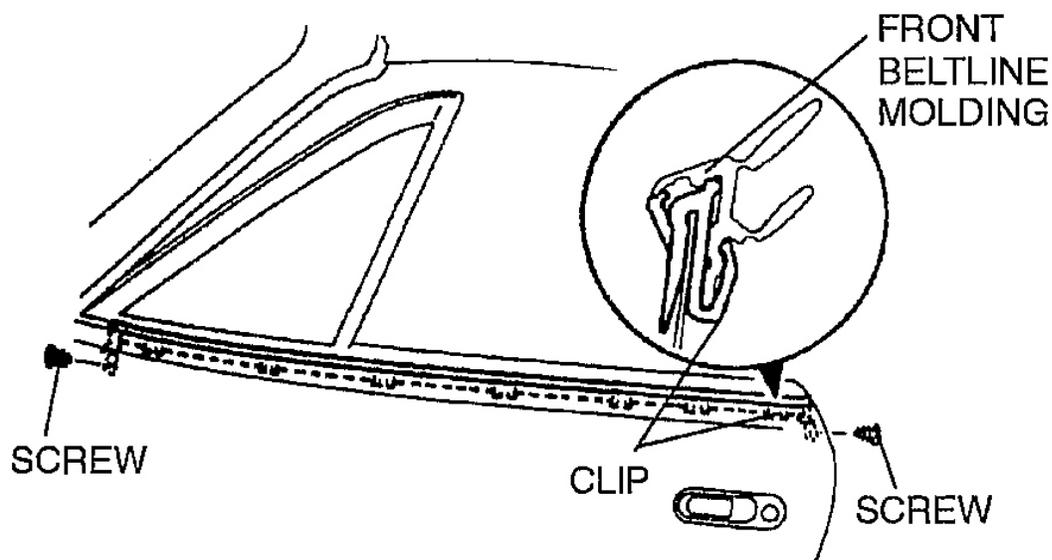
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Fig. 2: Removing Beltline Molding
Courtesy of MAZDA MOTORS CORP.

5. Install in the reverse order of removal.

FRONT BELTLINE MOLDING REMOVAL/INSTALLATION

1. Remove the screws.
2. Pull front beltline molding upward to disengage the clips from the body and remove it.



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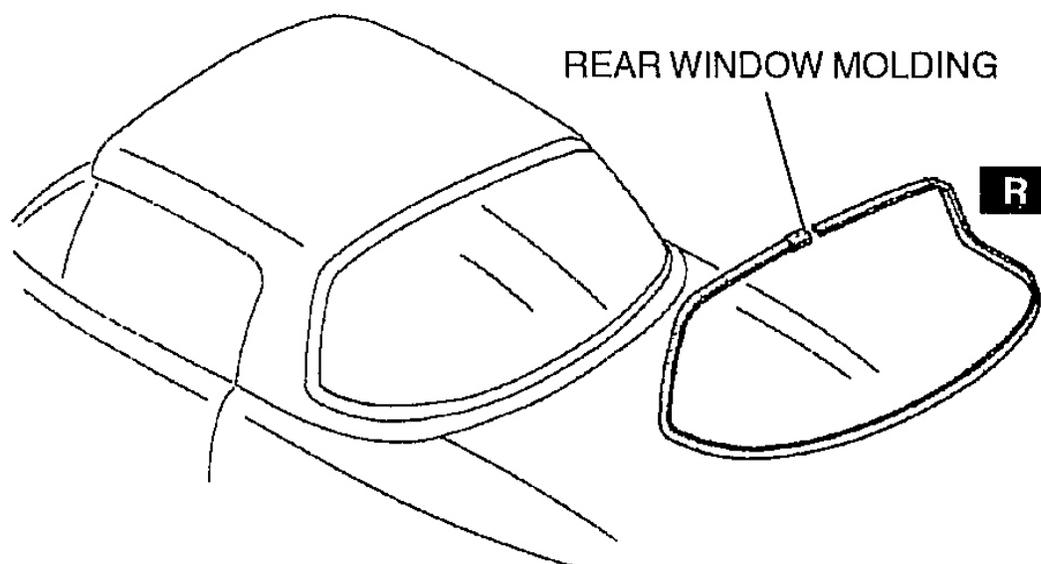
Fig. 3: Removing Front Beltline Molding
Courtesy of MAZDA MOTORS CORP.

3. Install in the reverse order of removal.

REAR WINDOW MOLDING REMOVAL

DETACHABLE HARDTOP

1. Pull the rear window molding to remove it.



G03638807

Fig. 4: Removing Rear Window Molding
Courtesy of MAZDA MOTORS CORP.

REAR WINDOW MOLDING INSTALLATION

DETACHABLE HARDTOP

1. Apply protective tape along the edge of the body to protect it from damage.
2. Cut the sealant using a razor as shown.

WARNING:

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

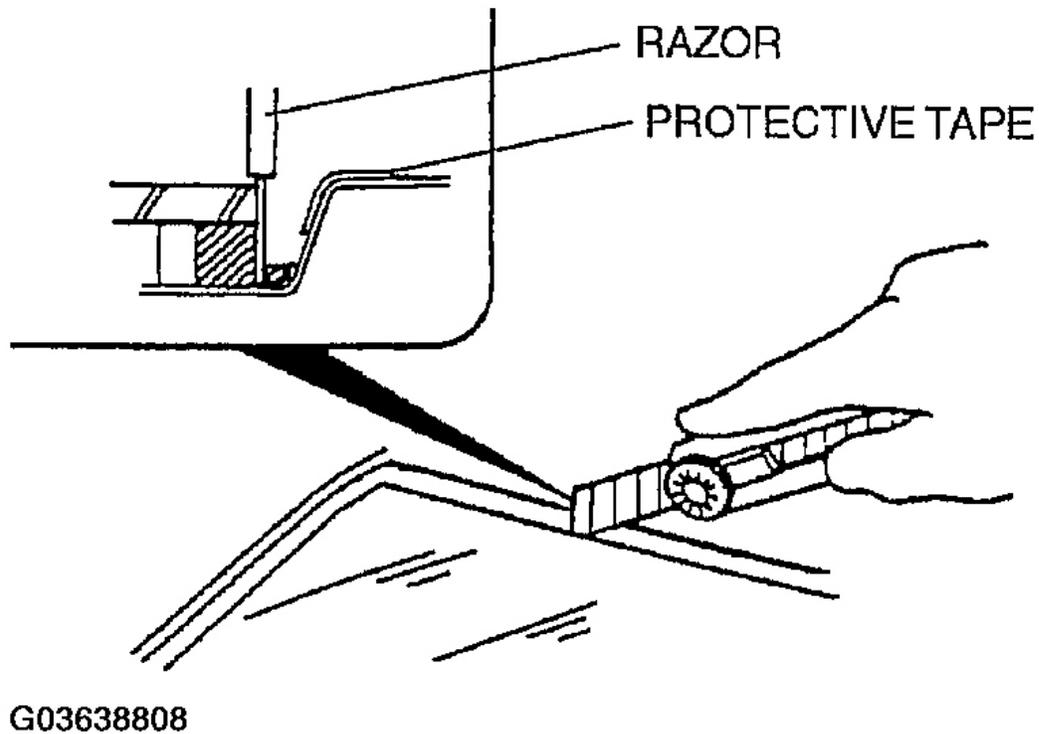


Fig. 5: Cutting Sealant Using Razor
Courtesy of MAZDA MOTORS CORP.

3. Insert the blade of the SST (Sealant Remover) into the sealant, and pull on the bar to cut the sealant near the body as shown.

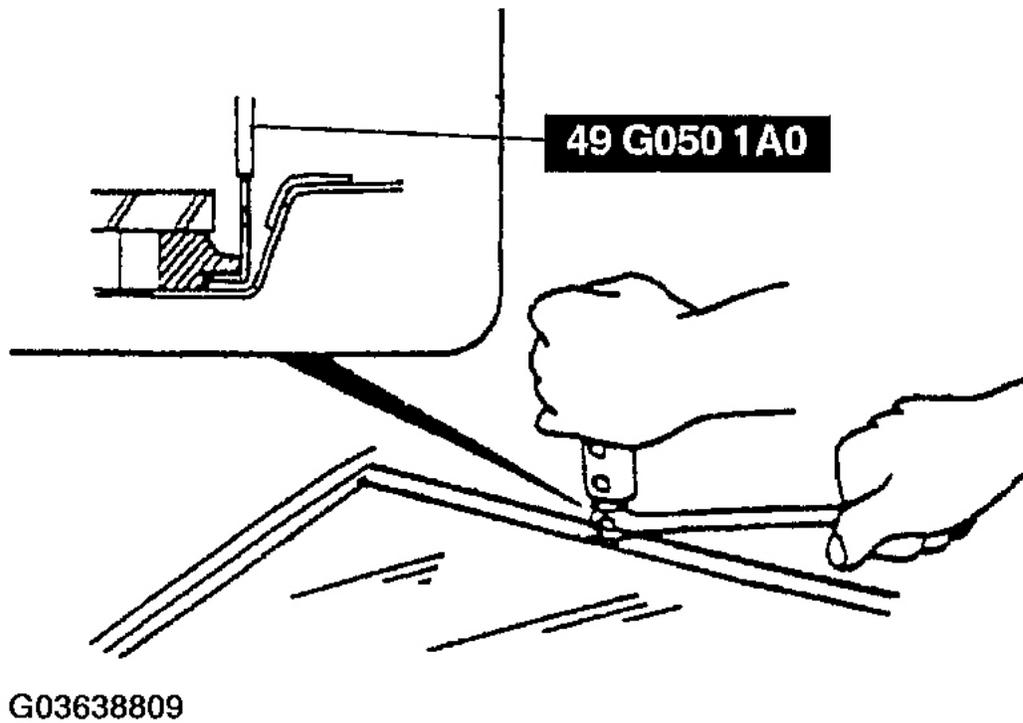


Fig. 6: Cutting Sealant Near Body
Courtesy of MAZDA MOTORS CORP.

4. Insert the blade of the **SST** (Sealant Remover) into the sealant, and pull on the bar to cut the sealant near the glass as shown.
5. Remove as much sealant as possible from between the body and the glass.

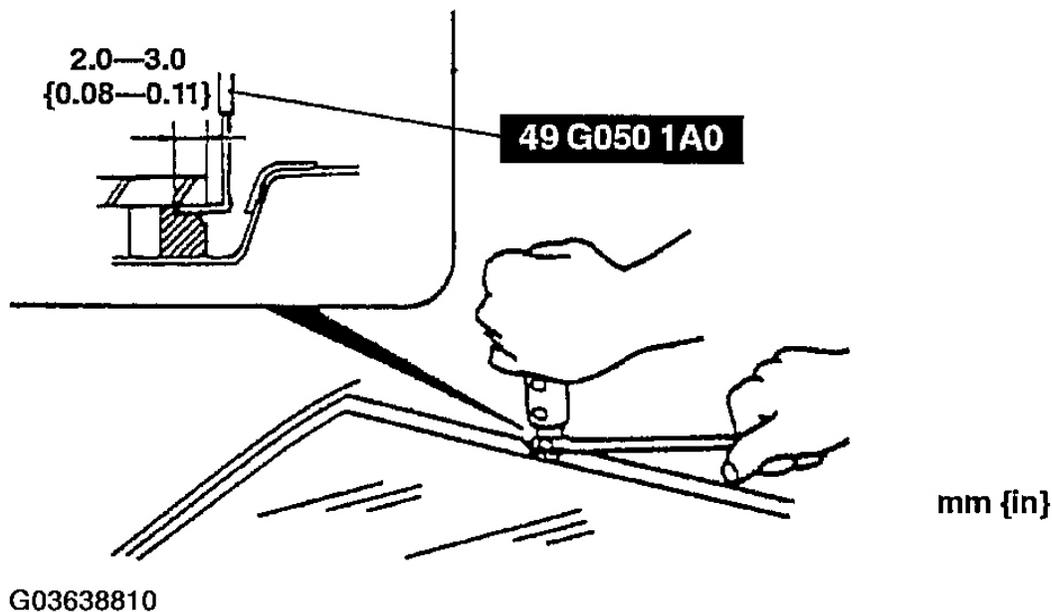


Fig. 7: Cutting Sealant Near Glass (1 Of 2)
Courtesy of MAZDA MOTORS CORP.

- Carefully clean around the edge of the glass and the adhesion surface of the body.

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.

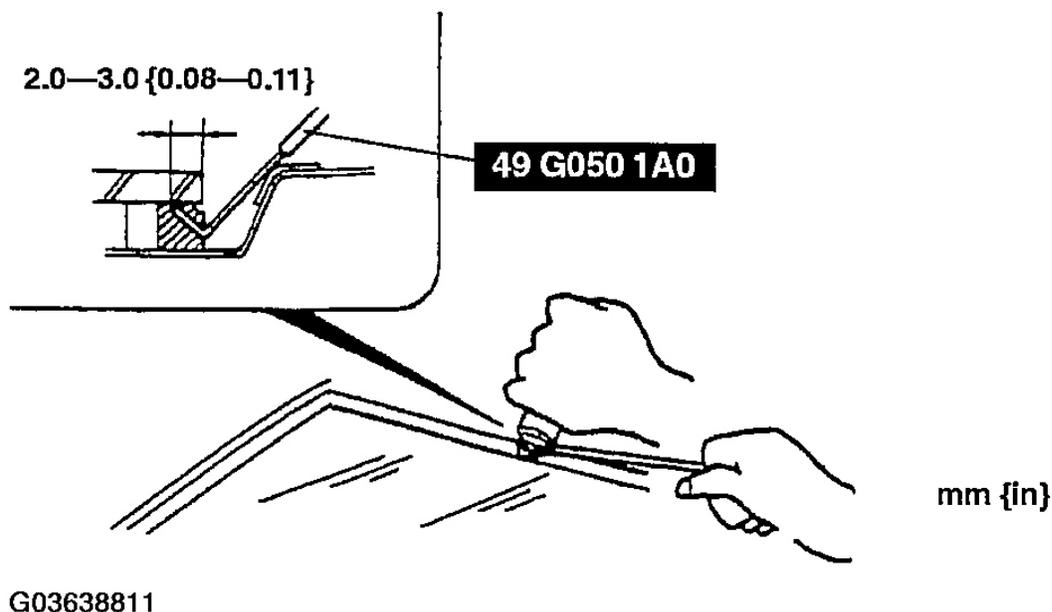
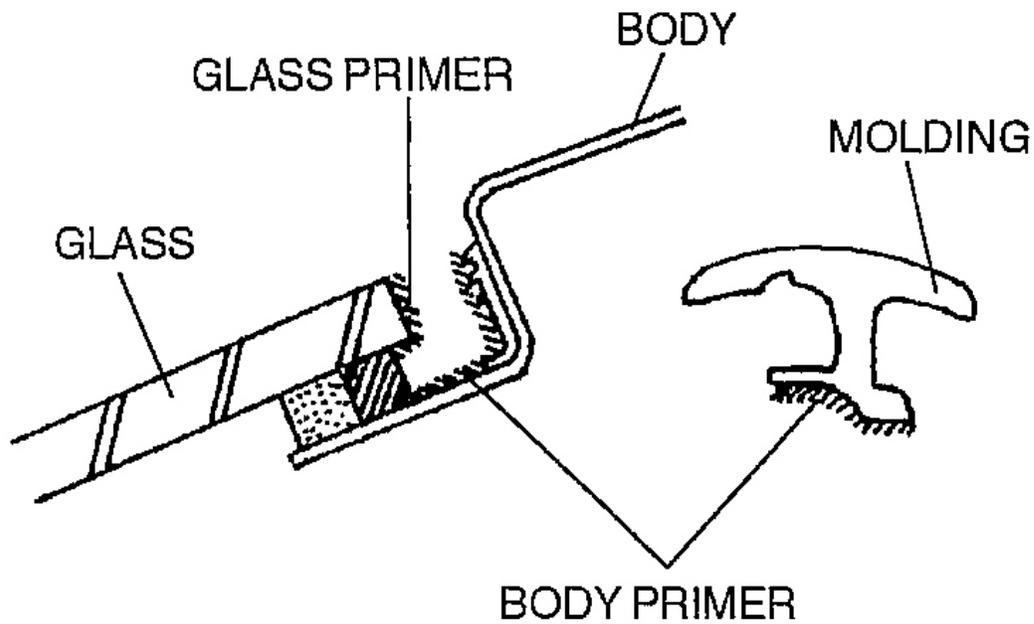


Fig. 8: Cutting Sealant Near Glass (2 Of 2)
Courtesy of MAZDA MOTORS CORP.

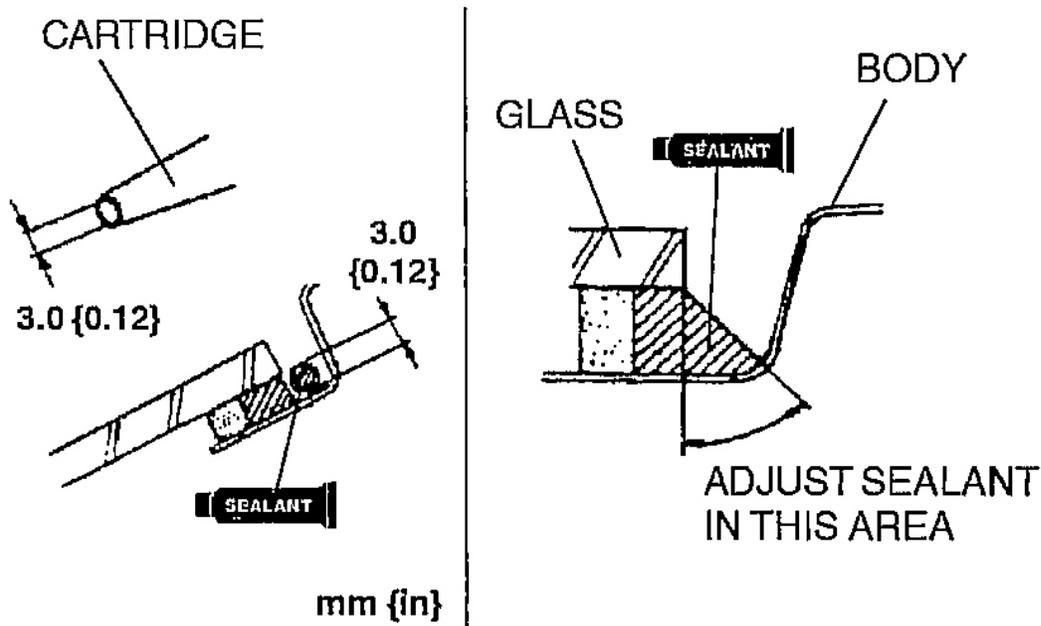
7. Apply primer onto the bonding area of the new rear window molding using a brush. Allow the primer to dry for **approximately 30 minutes**.
8. Apply a **3.0 mm {0.12 in}** bead of sealant between the glass and the body.



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Fig. 9: Applying Primer Onto Bonding Area Of New Rear Window Molding
Courtesy of MAZDA MOTORS CORP.

9. Reshape the sealant as shown if necessary.



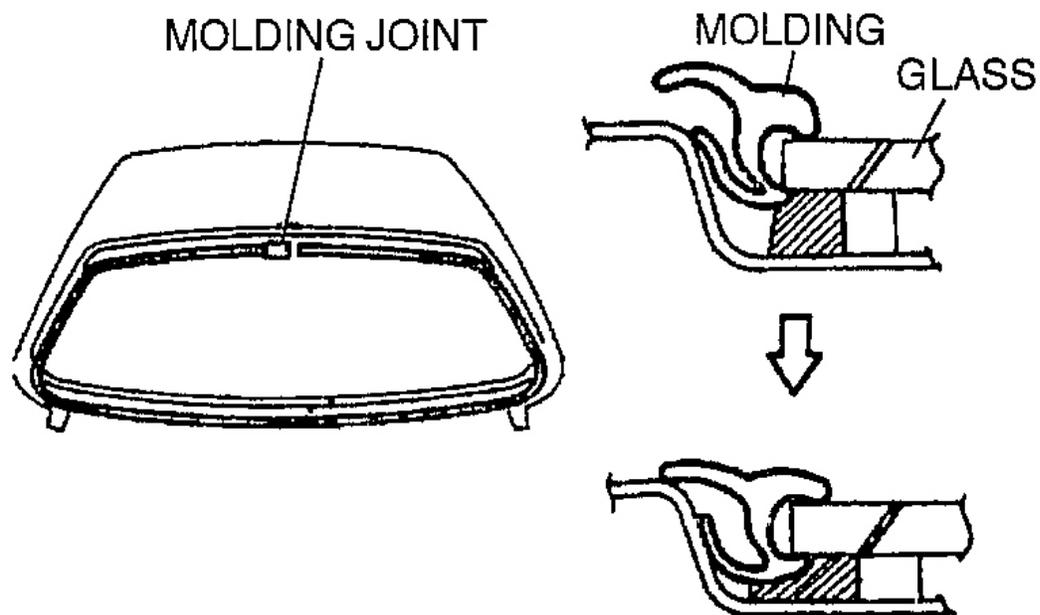
G03638813

Fig. 10: Reshaping Sealant
 Courtesy of MAZDA MOTORS CORP.

10. Install the rear window molding with the molding joint at the top.
 - If the molding is too long, cut the excess molding **10 mm {0.39 in}** inside the molding joint edge.

SEALANT HARDENING TIME

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



G03638814

Fig. 11: Installing Rear Window Molding With Molding Joint At Top
Courtesy of MAZDA MOTORS CORP.

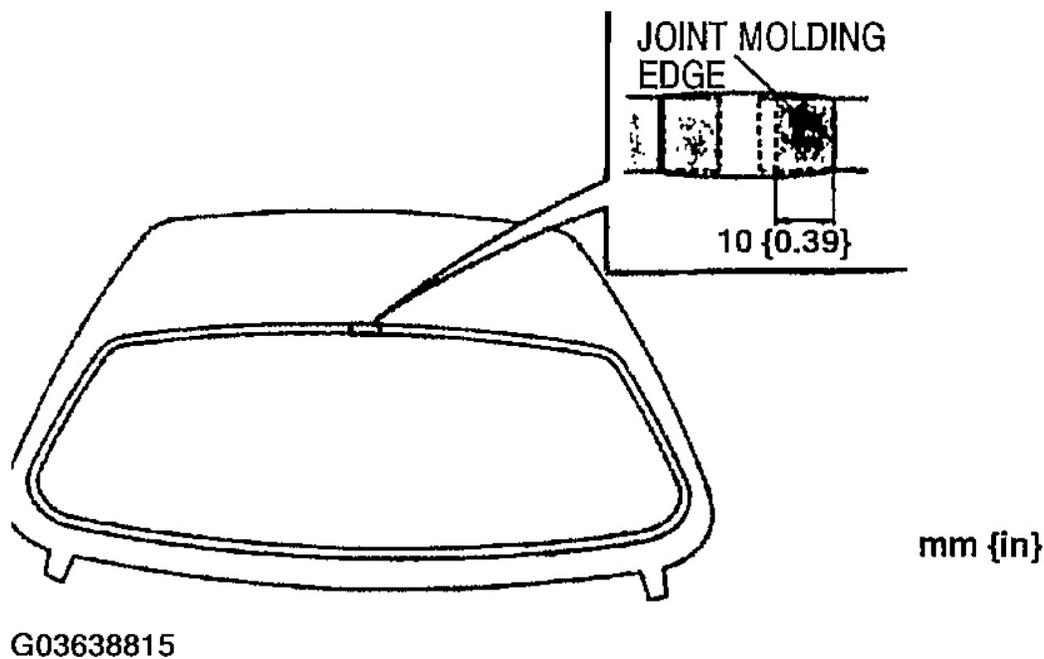
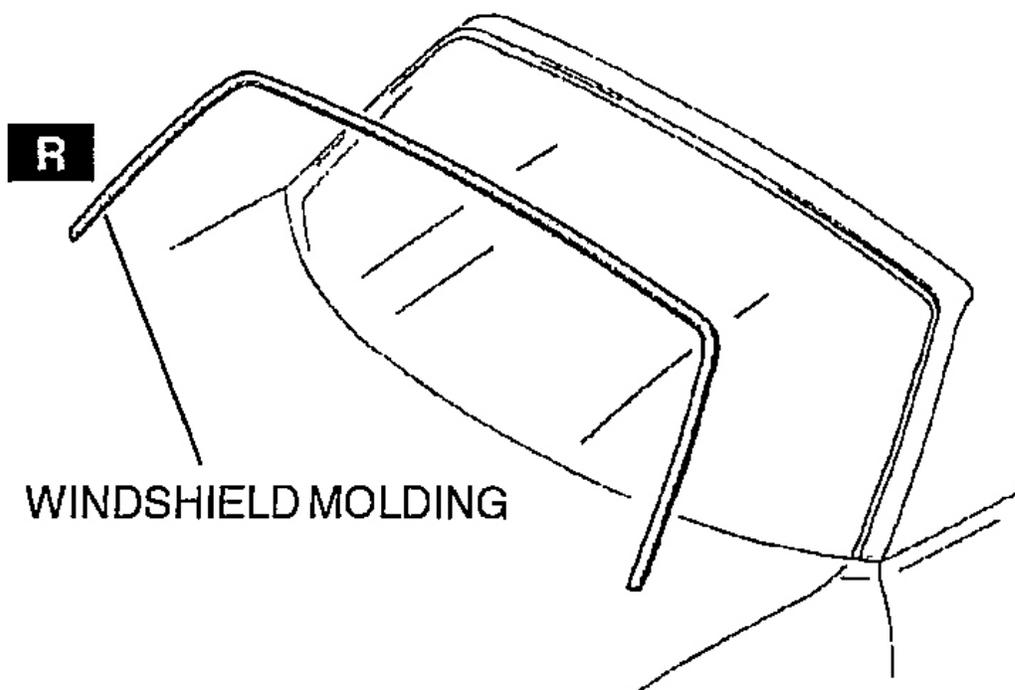


Fig. 12: Identifying Joint Molding Edge Specification
Courtesy of MAZDA MOTORS CORP.

11. Check for water leaks.
 - If a leak is found, wipe the water off well and repeat the installation.

WINDSHIELD MOLDING REMOVAL

1. Remove the windshield molding from the windshield.



G03638816

Fig. 13: Removing Windshield Molding From Windshield
Courtesy of MAZDA MOTORS CORP.

WINDSHIELD MOLDING INSTALLATION

1. Apply protective tape along the edge of the body to protect it from damage.
2. Cut the sealant using a razor as shown.

WARNING:

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

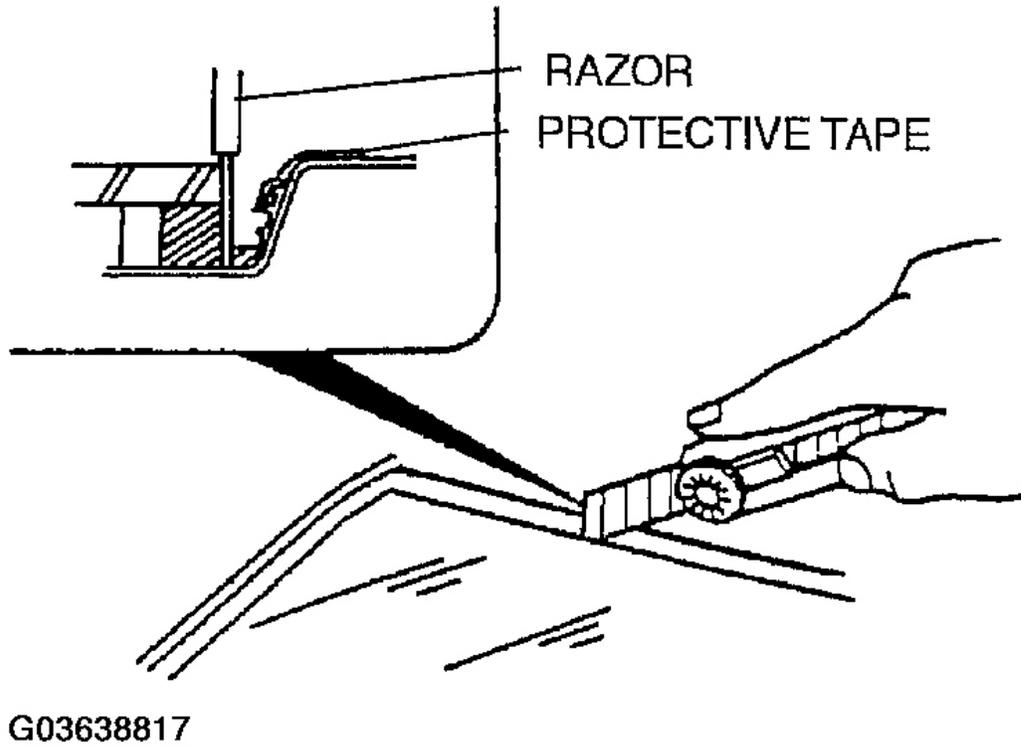


Fig. 14: Cutting Sealant Using Razor
Courtesy of MAZDA MOTORS CORP.

3. Insert the blade of the SST (Sealant Remover) into the sealant, and pull on the bar to cut the sealant near the body as shown.

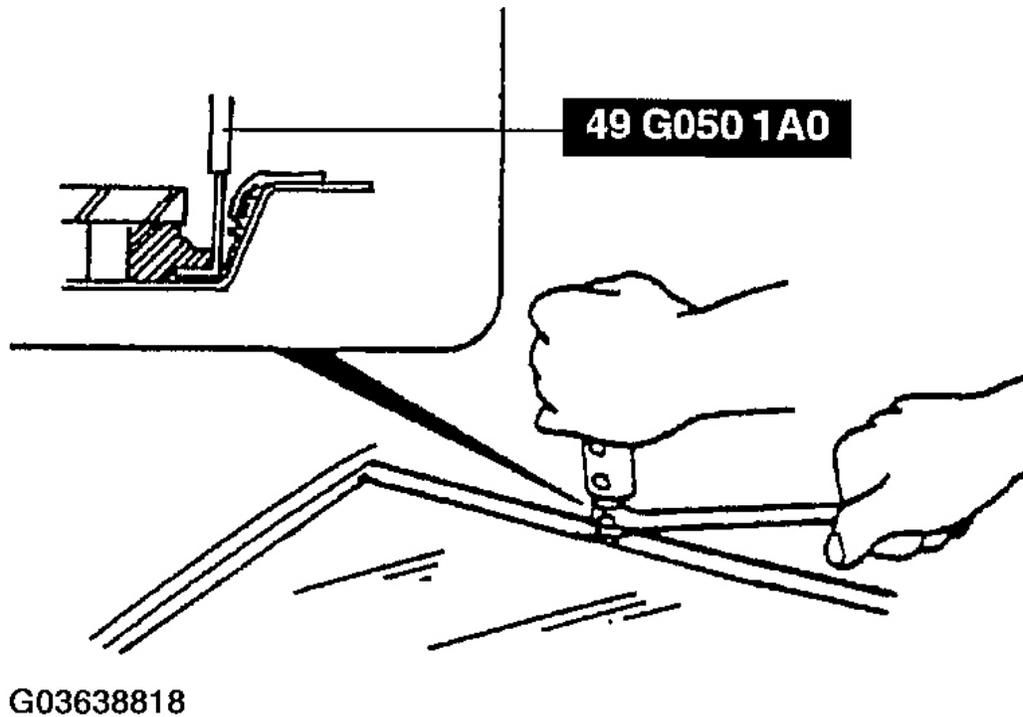


Fig. 15: Cutting Sealant Near Body
Courtesy of MAZDA MOTORS CORP.

4. Insert the blade of the SST (Sealant Remover) into the sealant, and pull on the bar to cut the sealant near the glass as shown.
5. Remove as much sealant as possible from between the body and the glass.

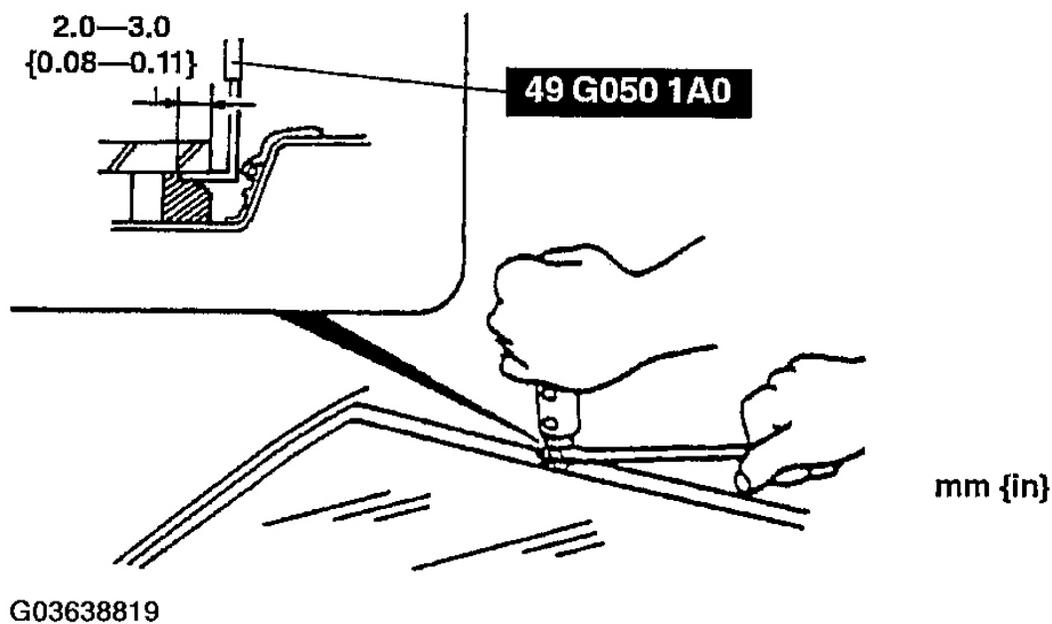


Fig. 16: Cutting Sealant Near Glass
Courtesy of MAZDA MOTORS CORP.

6. Carefully clean around the edge of the glass and the adhesion surface of the body.
7. Align the edge of the protector to the spot mark.

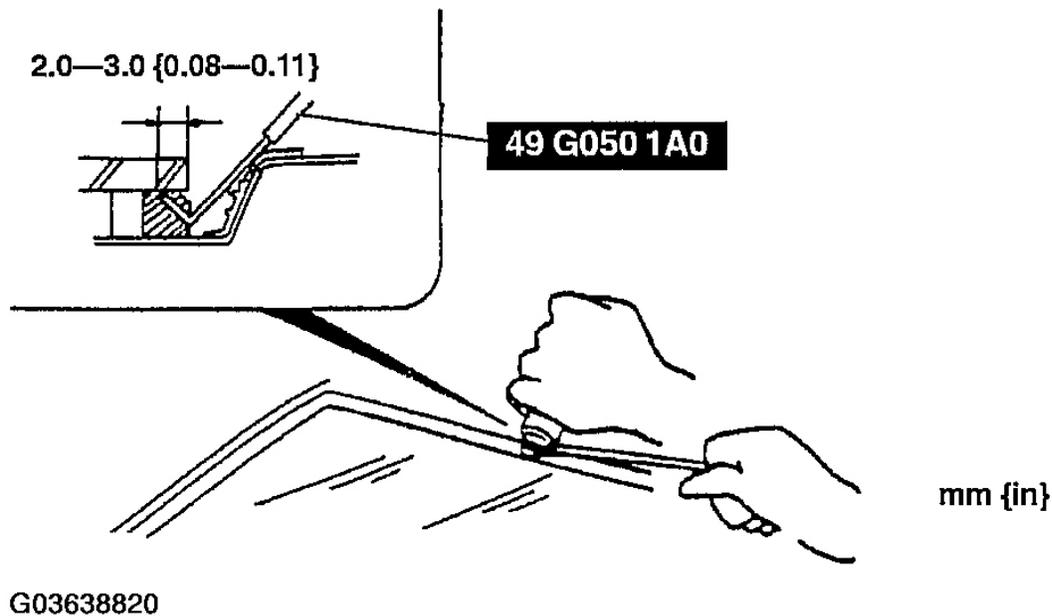
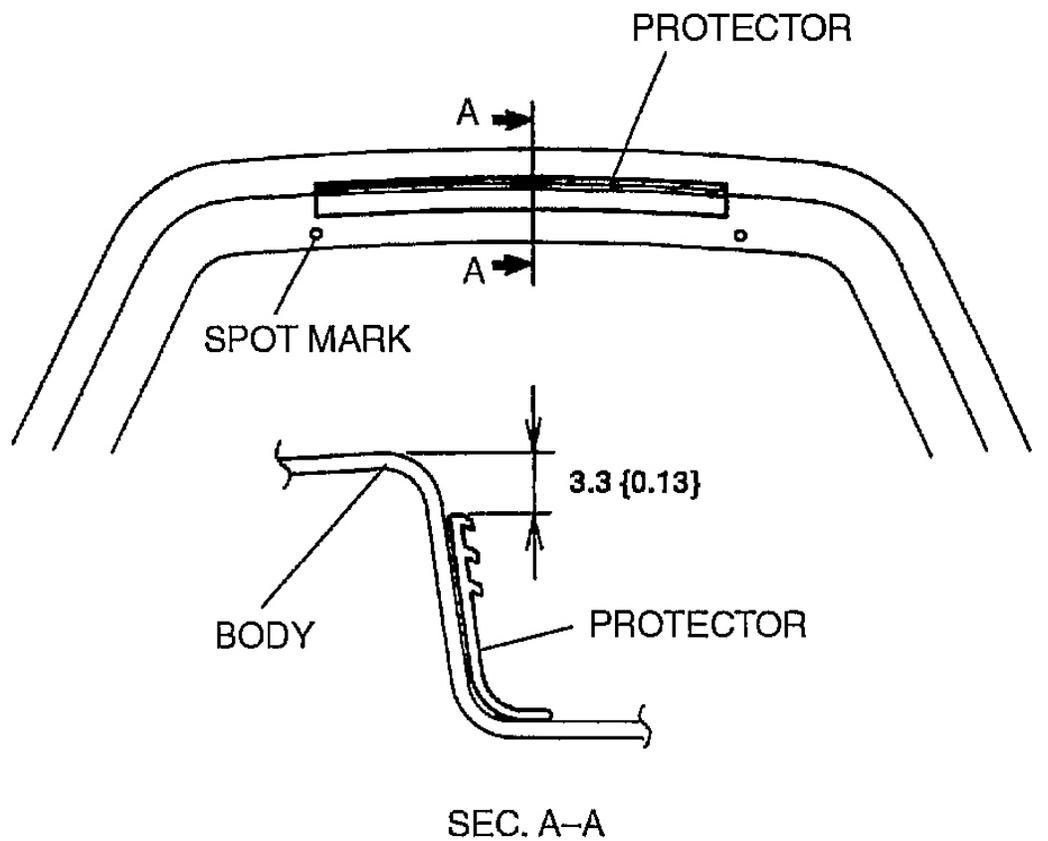


Fig. 17: Cleaning Around Edge Of Glass
Courtesy of MAZDA MOTORS CORP.

8. Securely bond the protector to the body as shown.

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.

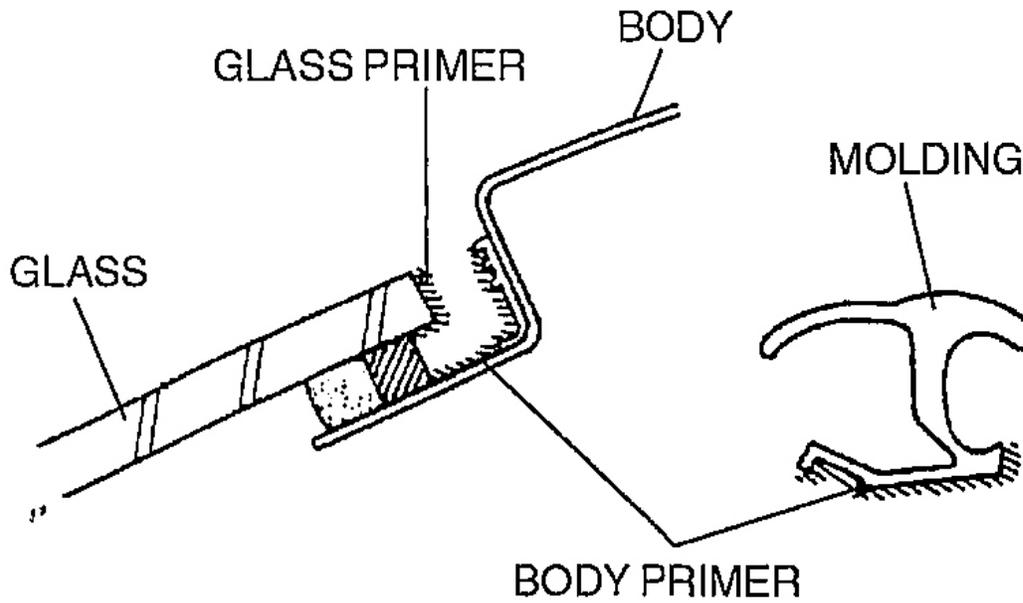


mm {in}

G03638821

Fig. 18: Bonding Protector To Body
Courtesy of MAZDA MOTORS CORP.

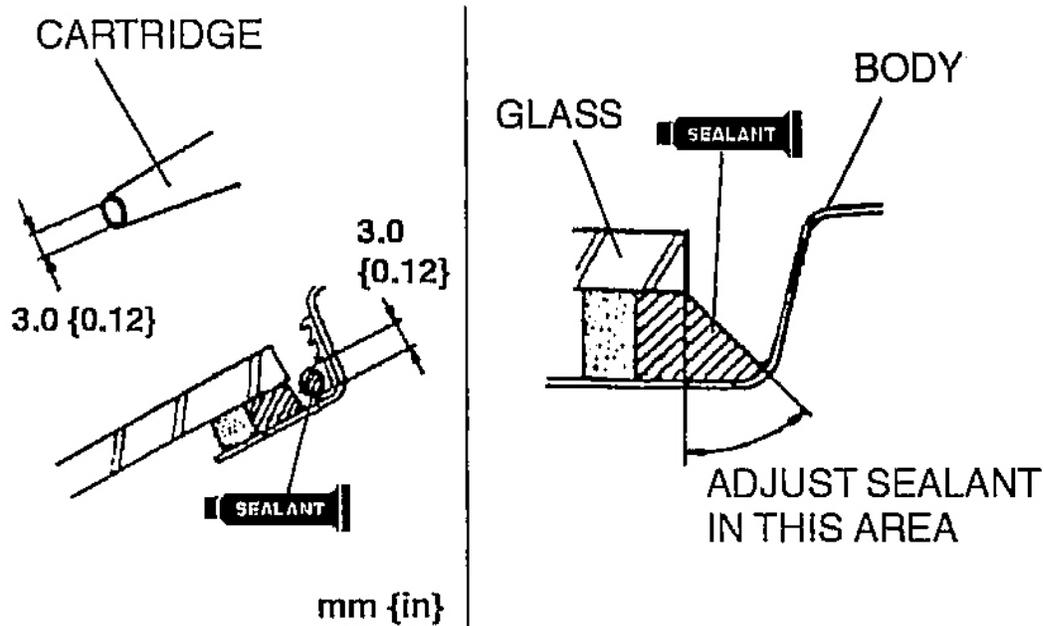
9. Apply primer onto the bonding area of the glass, body, and new windshield molding using a brush. Use only glass primer on the glass and body primer on the body and molding. Allow the primer to dry for **approximately 30 minutes**.
10. Apply a **3.0 mm {0.12 in}** bead of sealant between the glass and the body.



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Fig. 19: Apply Primer Onto Bonding Area Of Glass
Courtesy of MAZDA MOTORS CORP.

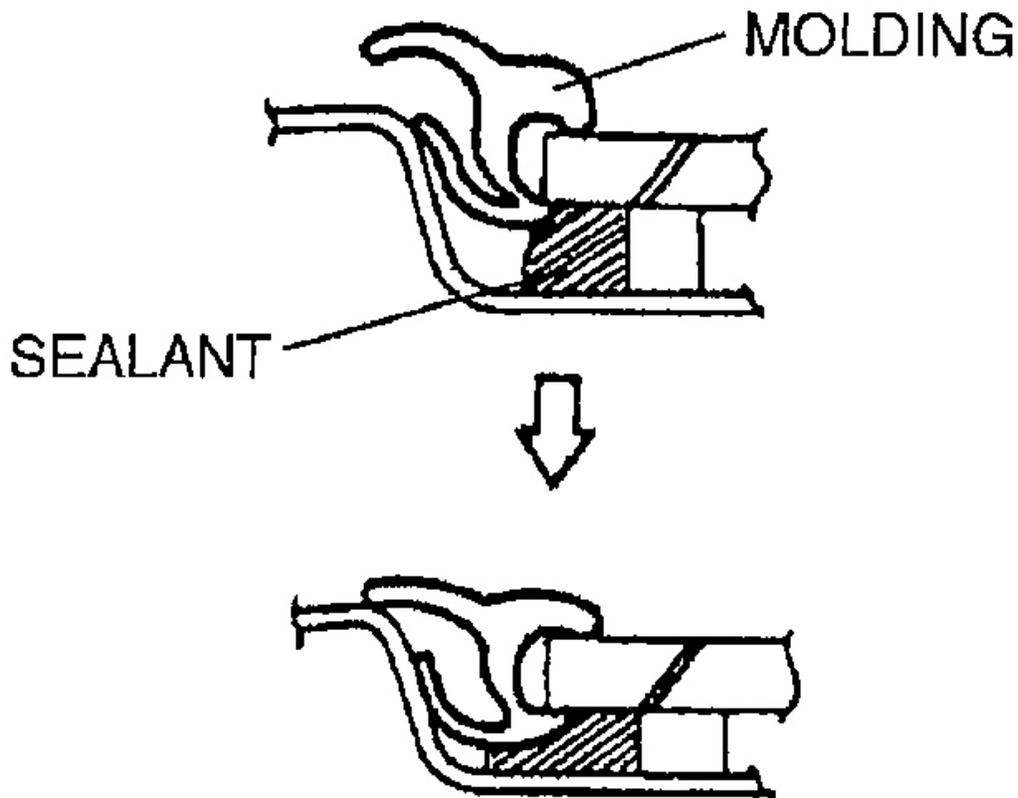
11. Reshape the sealant as shown if necessary.



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Fig. 20: Reshaping Sealant
Courtesy of MAZDA MOTORS CORP.

12. Install the windshield molding before the sealant has hardened.
13. Align the center mark in the molding with the glass mark (A).
14. Install the upper portions of the molding into the body (B).
15. Push the corners of the molding onto the body (C).



G03638824

Fig. 21: Installing Windshield Molding
 Courtesy of MAZDA MOTORS CORP.

16. Push the sides of the molding onto the body, beginning from the bottom (D).

SEALANT HARDENING TIME

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

17. Check for water leaks.
- If a leak is found, wipe the water off well and repeat the installation.

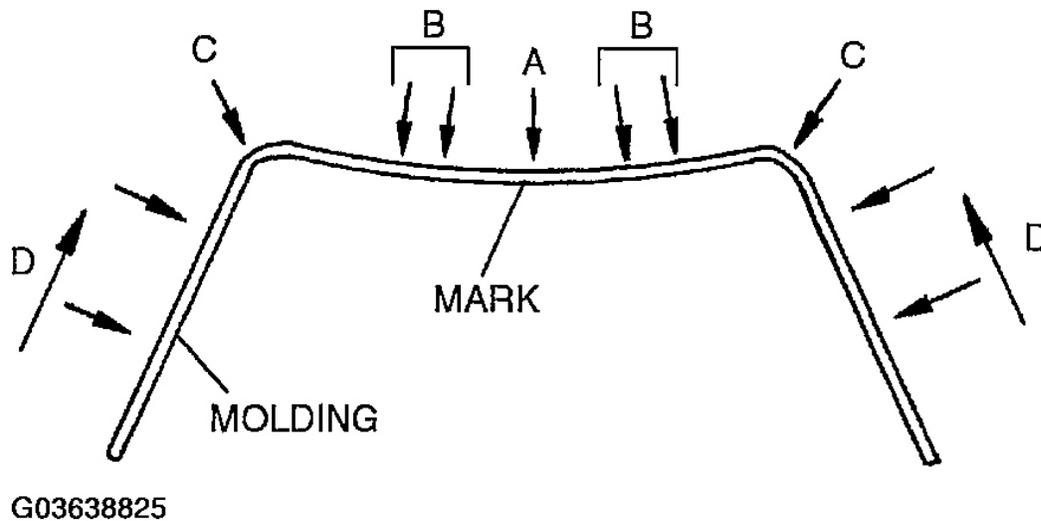


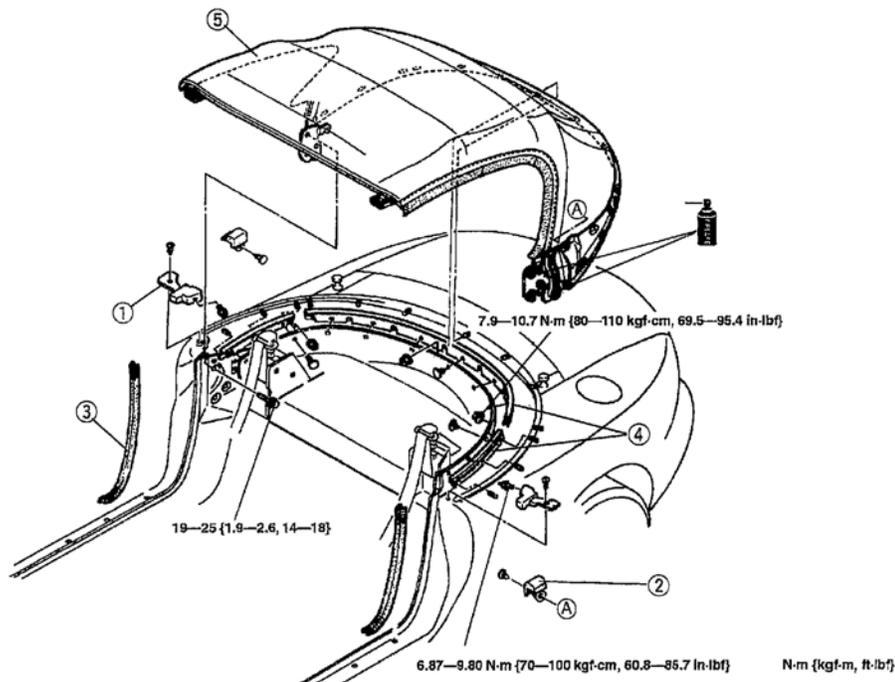
Fig. 22: Identifying Molding
Courtesy of MAZDA MOTORS CORP.

CONVERTIBLE TOP REMOVAL/INSTALLATION

1. Cover both sides of the rear window glass with thick cloth to protect the window.
2. Remove the scuff plate.
3. Remove the quarter trim.
4. Remove the rear package trim.
5. Remove in the order indicated in the table.

2005 Mazda MX-5 Miata

2005 ACCESSORIES & EQUIPMENT Exterior Trim - MX-5 Miata



1	Beltline cover
2	Beltline protector
3	Seaming welt

4	Set plate
5	Convertible top (See Convertible Top Removal Note) (See Convertible Top Installation Note)

G03638826

Fig. 23: Removing Convertible Top - With Torque Specifications
Courtesy of MAZDA MOTORS CORP.

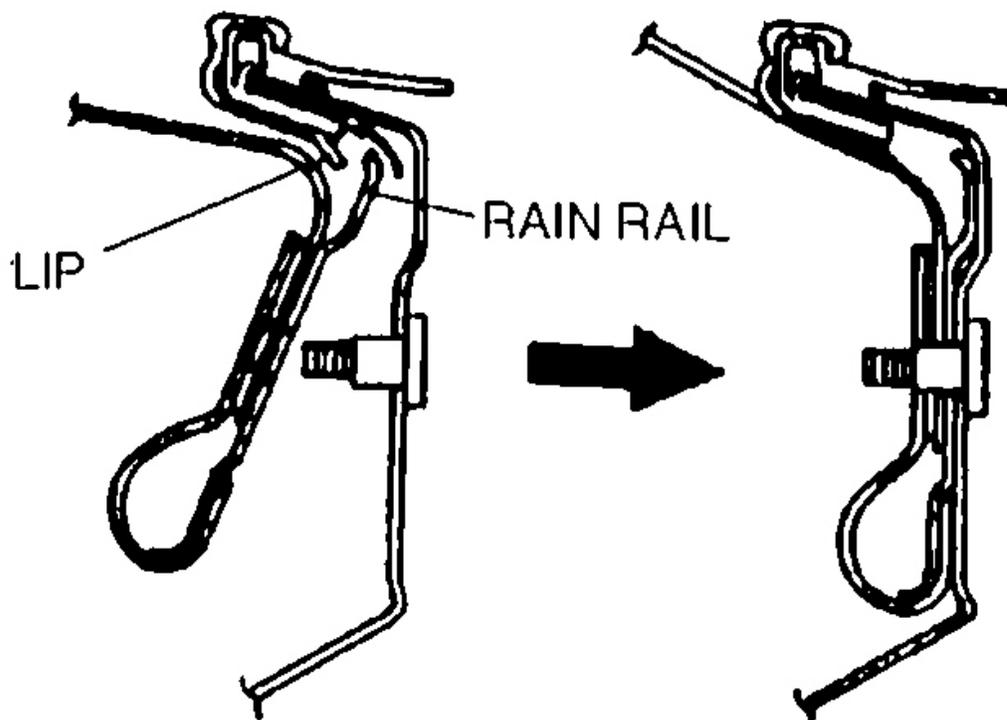
6. Install in the reverse order of removal.

CONVERTIBLE TOP REMOVAL NOTE

1. Unlock the top lock.
2. Lower the convertible top fully.

CONVERTIBLE TOP INSTALLATION NOTE

1. Insert the rain rail into the beltline molding lip, and install it over the studs.



G03638827

Fig. 24: Inserting Rain Rail Into Beltline Molding Lip
Courtesy of MAZDA MOTORS CORP.

2. Align and install the link bracket over the studs with no clearance between the studs and the bracket.
3. Tighten the installation bolts.

Tightening torque

19-25 N.m {1.9-2.6 kgf.m, 14-18 ft.lbf}

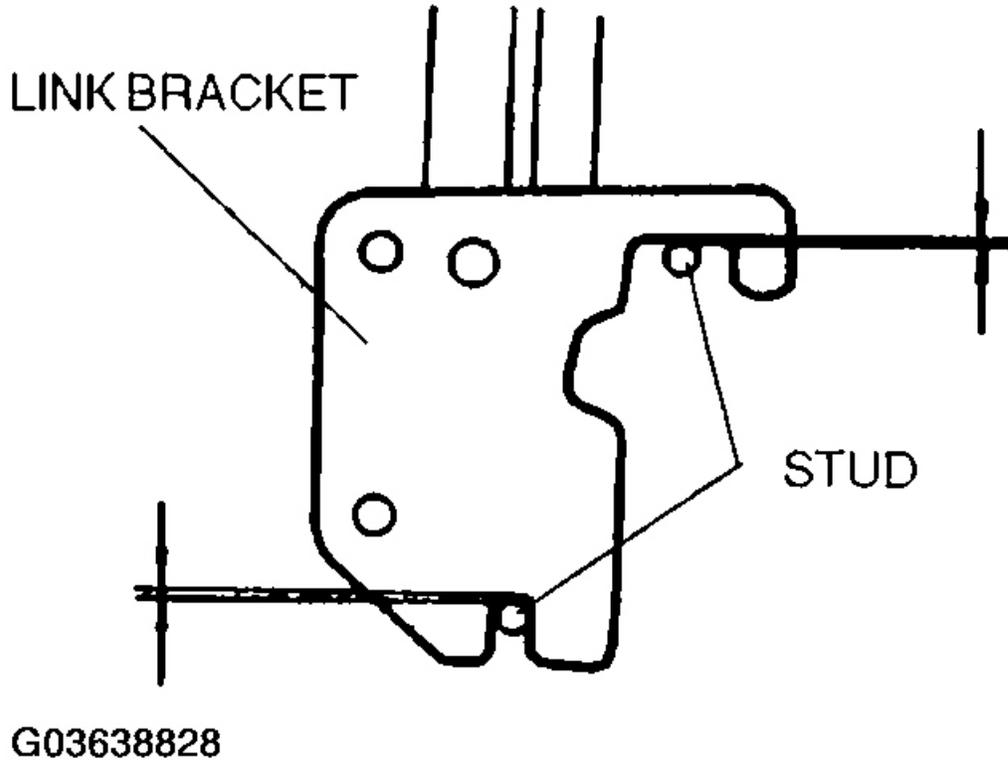


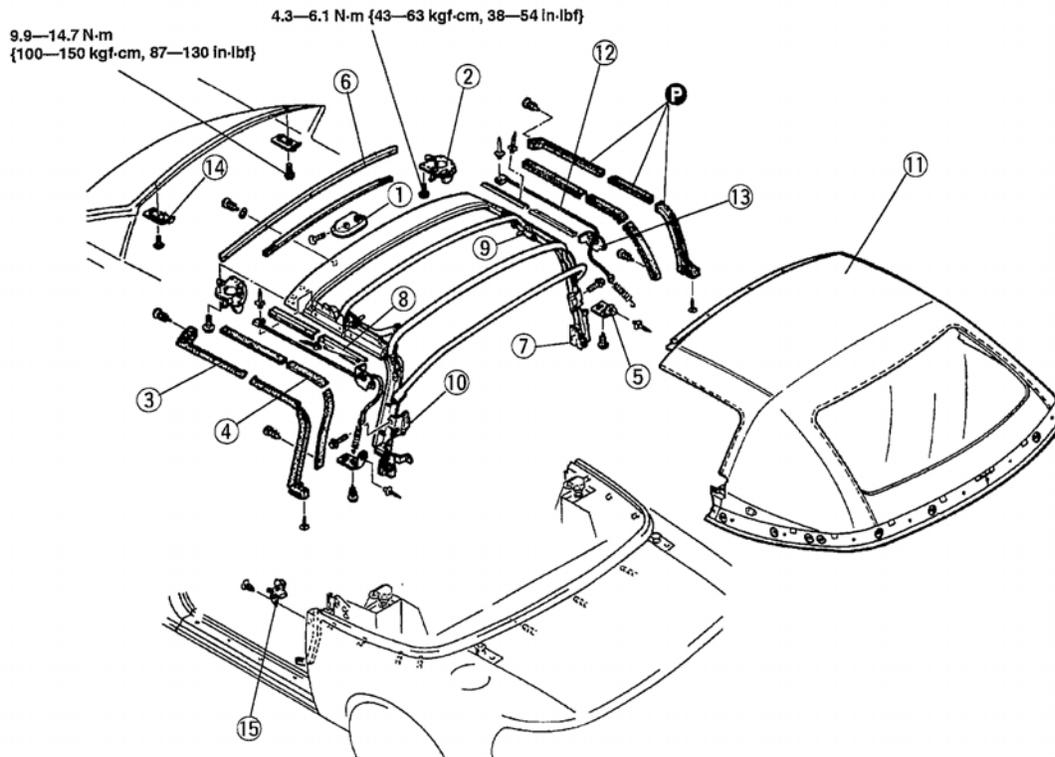
Fig. 25: Installing Link Bracket Over Studs
Courtesy of MAZDA MOTORS CORP.

CONVERTIBLE TOP DISASSEMBLY/ASSEMBLY

1. Disassemble in the order indicated in the table.

2005 Mazda MX-5 Miata

2005 ACCESSORIES & EQUIPMENT Exterior Trim - MX-5 Miata



1	Top handle
2	Top lock
3	Weatherstrip
4	Retainer (See Retainer Disassembly Note) (See Retainer Assembly Note)
5	End plate (See End Plate Disassembly Note) (See End Plate Assembly Note)
6	Set plate (See Set Plate Assembly Note)
7	Link

8	Protector
9	Link stopper
10	Open stopper
11	Top fabric (See Top Fabric Disassembly Note) (See Top Fabric Assembly Note)
12	Cable (See Cable Disassembly Note) (See Cable Assembly Note)
13	Cable guide
14	Striker
15	Cab-side weatherstrip

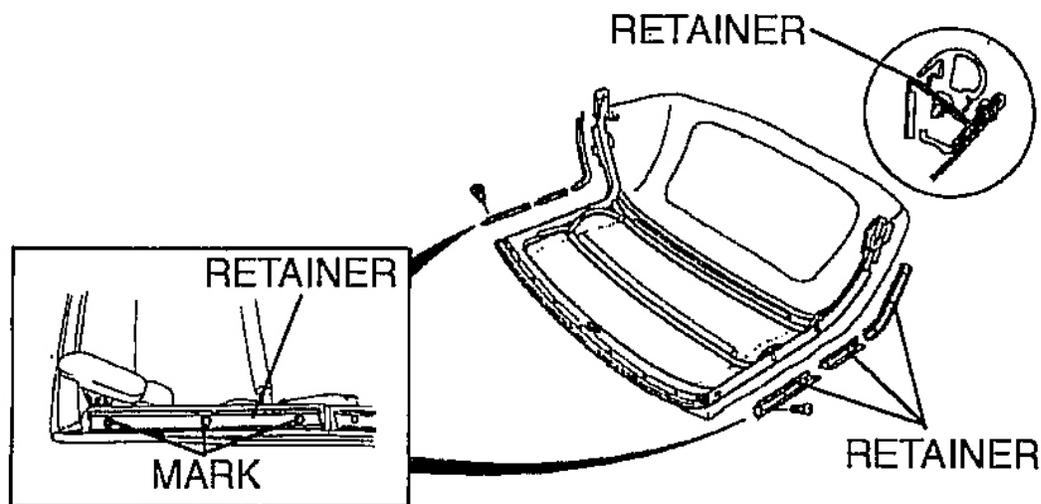
G03638829

Fig. 26: Disassembling Convertible Top - With Torque Specifications
 Courtesy of MAZDA MOTORS CORP.

2. Assemble in the reverse order of disassembly.

RETAINER DISASSEMBLY NOTE

1. Set the convertible top upside down on a workbench covered with clean, thick cloth.
2. Mark around the retainer installation screws with paint before removing them.



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Fig. 27: Disassembling Retainer
Courtesy of MAZDA MOTORS CORP.

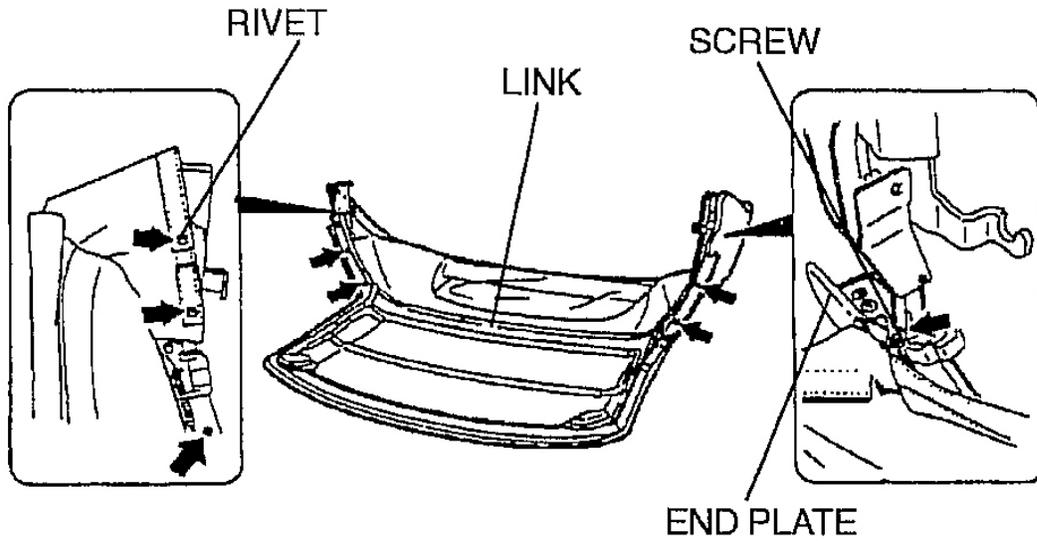
END PLATE DISASSEMBLY NOTE

1. Remove the rivets from the link using a drill.

Drill size

4.0 mm diameter {0.16 in diameter}

2. Remove the screws and remove the end plates from the link.

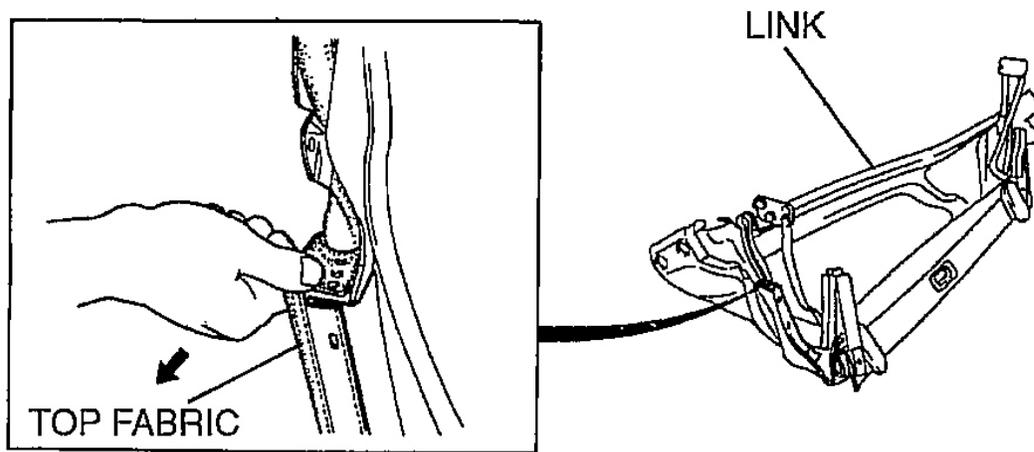


G03638831

Fig. 28: Disassembling End Plate
Courtesy of MAZDA MOTORS CORP.

TOP FABRIC DISASSEMBLY NOTE

1. Fold the convertible top.
2. Remove the top fabric from the link.

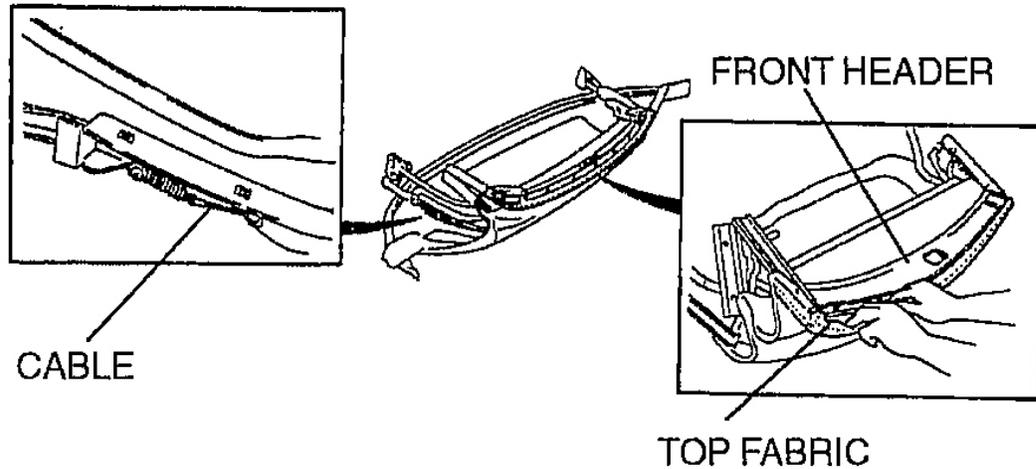


G03638832

Fig. 29: Removing Top Fabric From Link
Courtesy of MAZDA MOTORS CORP.

CABLE DISASSEMBLY NOTE

1. Peel back the top fabric from the front header.
2. Remove the screws and disconnect the cables from the rear of the link.
3. Unfold the convertible top and set it upright.



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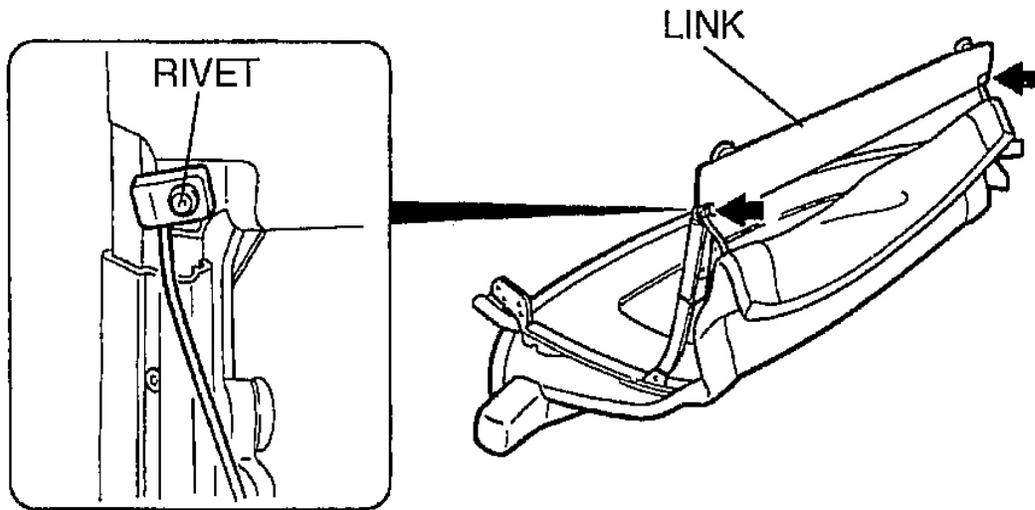
Fig. 30: Disconnecting Cables From Rear Of Link
Courtesy of MAZDA MOTORS CORP.

4. Remove the rivets from the link using a drill.

Drill size

4.0 mm diameter {0.16 in diameter}

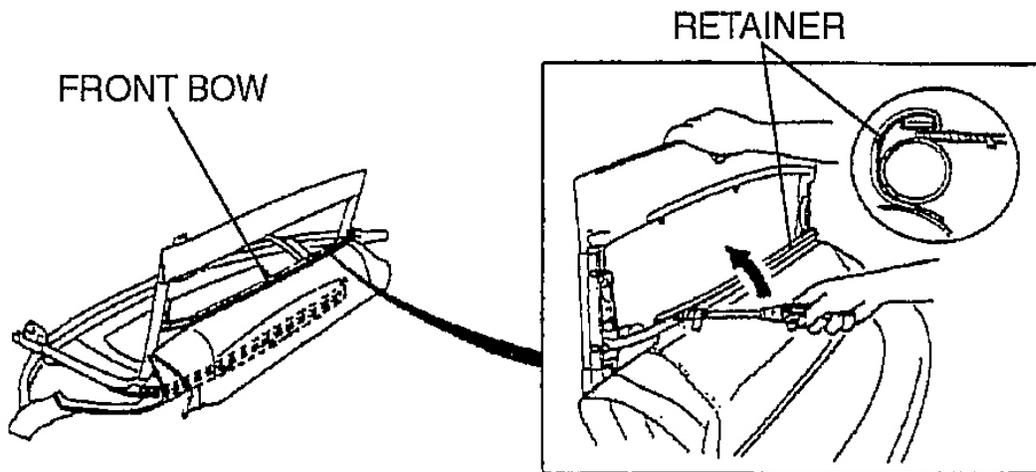
5. Pry back the bow retainers using a tape-wrapped flathead screwdriver.



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Fig. 31: Removing Rivets From Link
Courtesy of MAZDA MOTORS CORP.

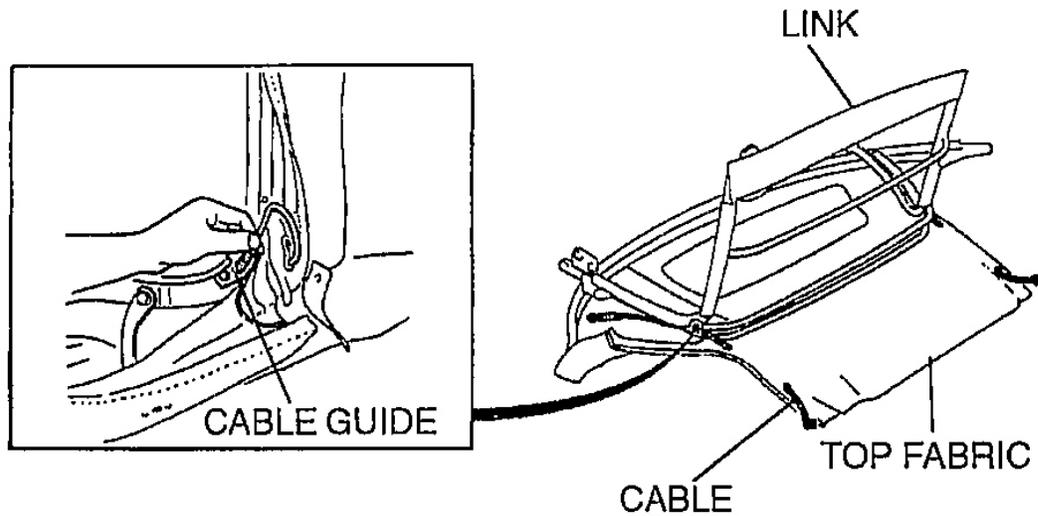
6. Remove the top fabric from the bow retainer.



G03638835

Fig. 32: Removing Top Fabric From Bow Retainer
Courtesy of MAZDA MOTORS CORP.

7. Remove the cables from the cable guide.
8. Remove the top fabric and cables from the link.



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Fig. 33: Removing Top Fabric And Cables From Link
Courtesy of MAZDA MOTORS CORP.

9. Remove the cables from the top fabric.

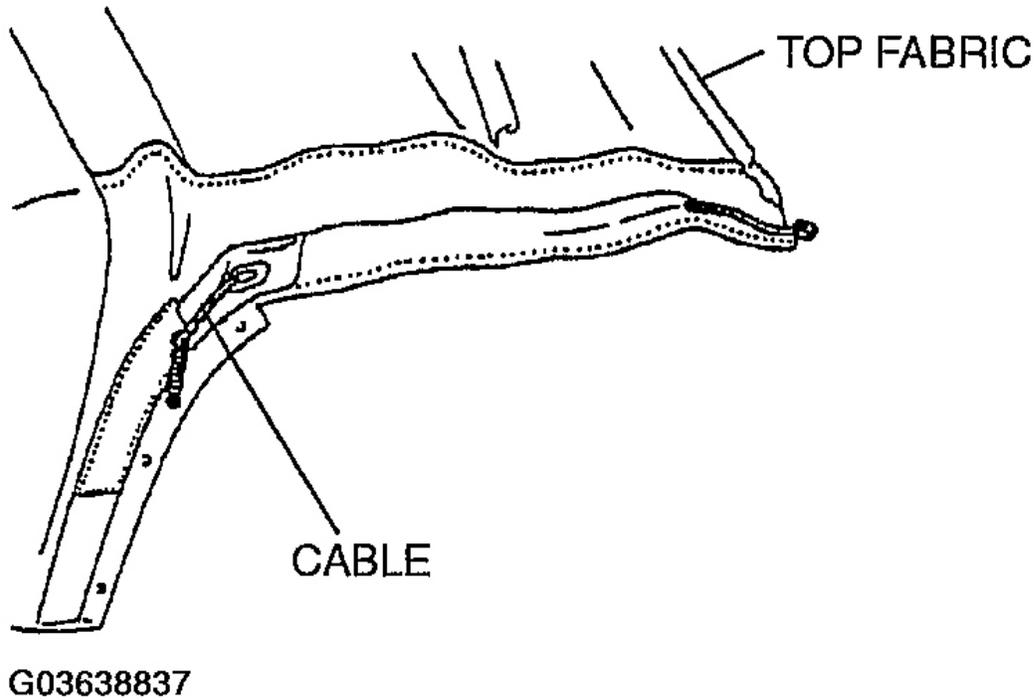


Fig. 34: Removing Cables From Top Fabric
Courtesy of MAZDA MOTORS CORP.

CABLE ASSEMBLY NOTE

1. Thread the cable into the top fabric.

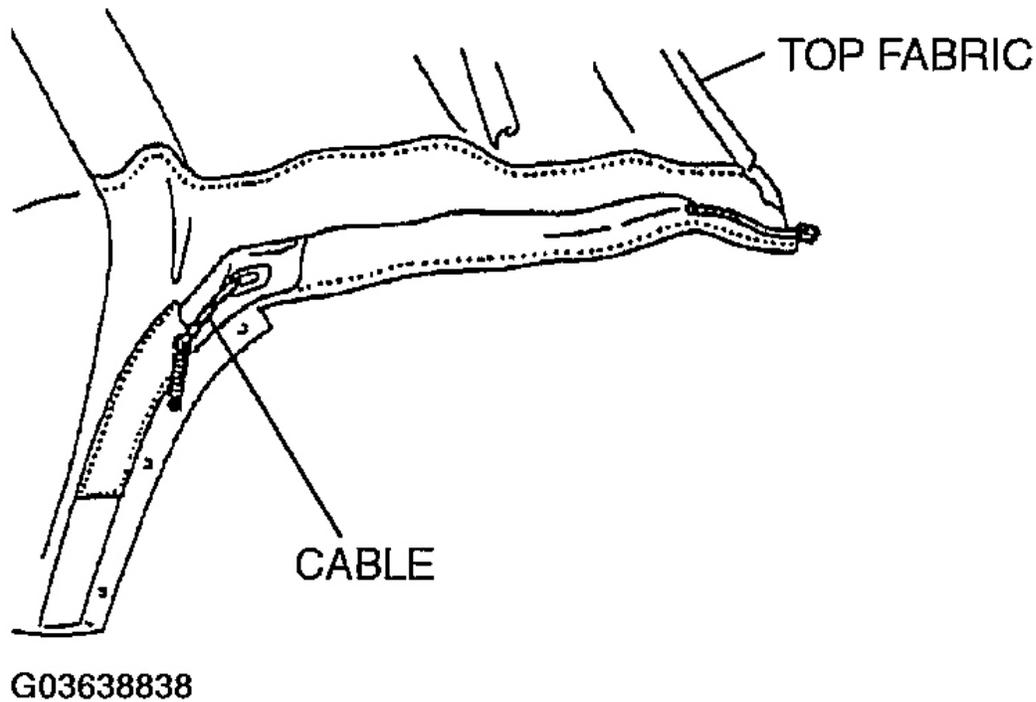


Fig. 35: Threading Cable Into Top Fabric
Courtesy of MAZDA MOTORS CORP.

TOP FABRIC ASSEMBLY NOTE

1. Cover the workbench with thick cloth to prevent damaging the top fabric and rear window.
2. Place the link onto the top fabric.
3. Install the top fabric to the front bow.

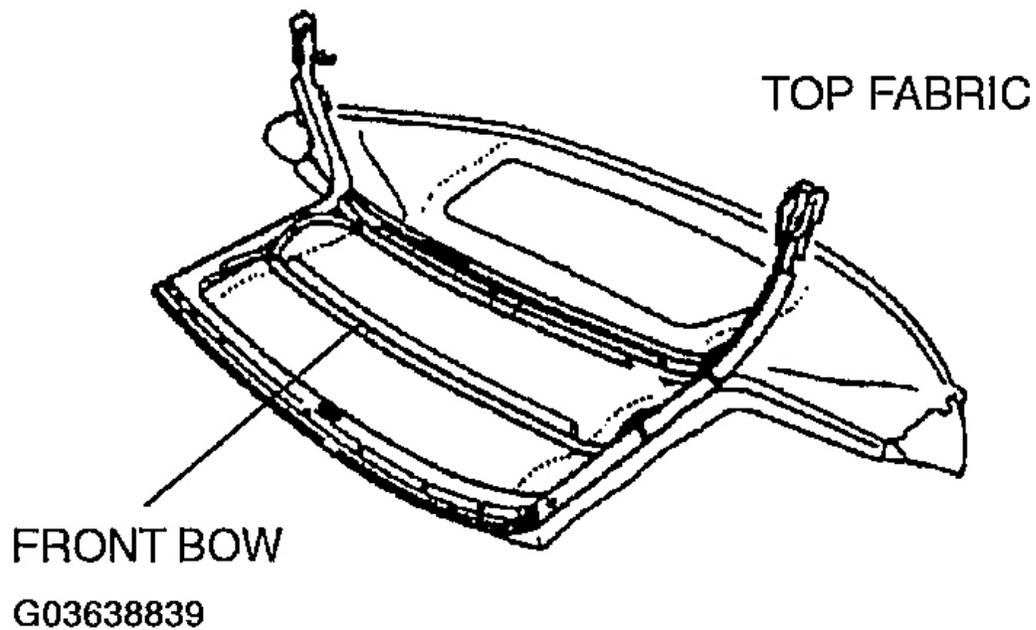
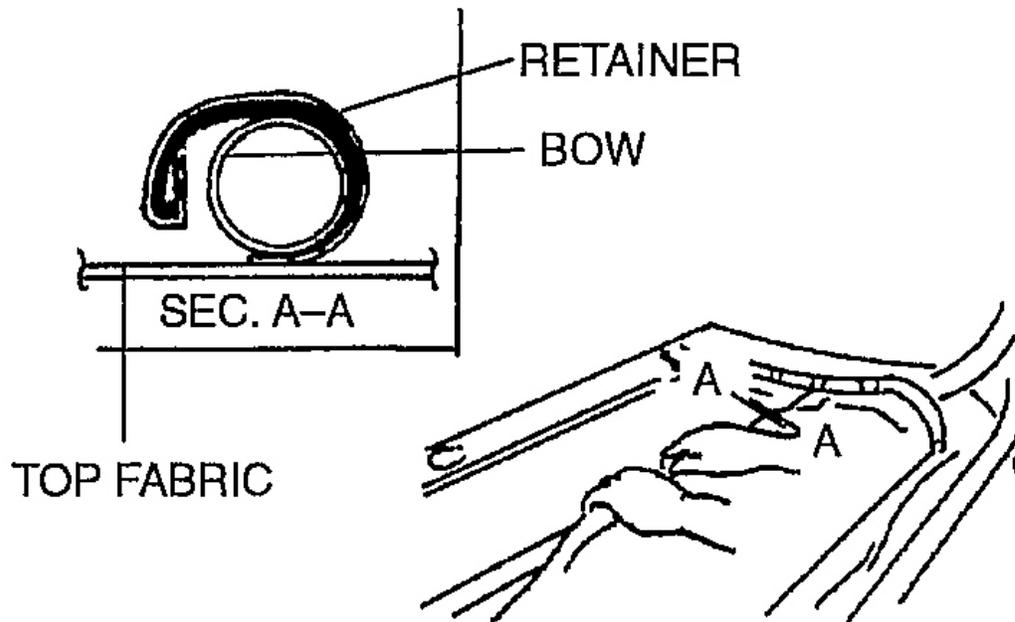


Fig. 36: Installing Top Fabric To Front Bow
Courtesy of MAZDA MOTORS CORP.

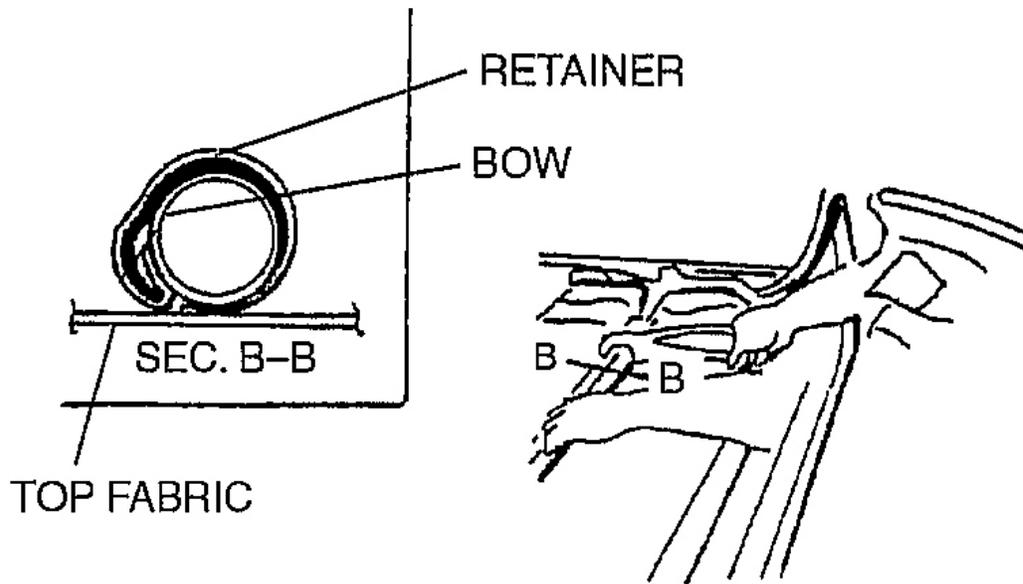
4. Roll the top fabric over the bow retainer.
5. Hang the end of the top fabric on the bow retainer.



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Fig. 37: Assembling Top Fabric To Bow Retainer
Courtesy of MAZDA MOTORS CORP.

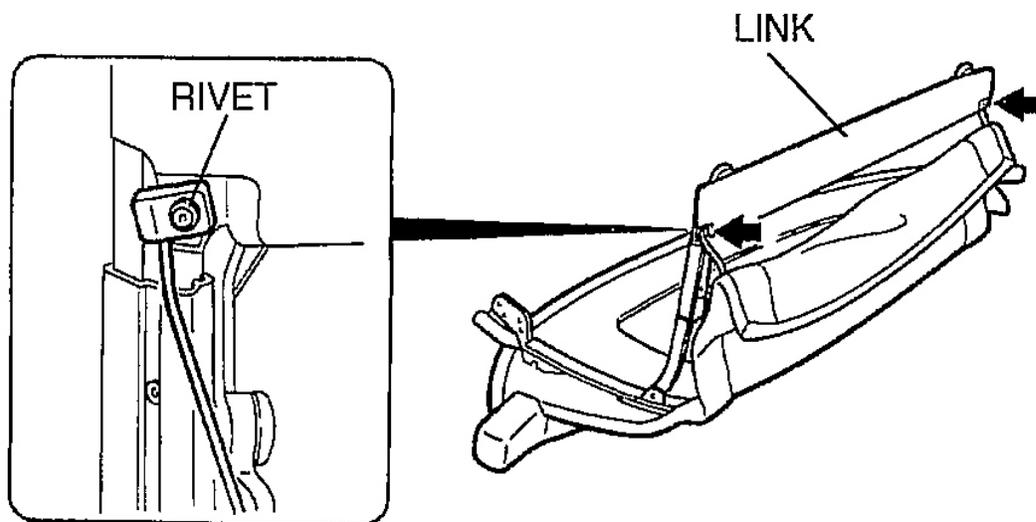
6. Clamp the top fabric to the bow using water pump pliers which have been wrapped in tape. Pull the top fabric by hand to verify that it is held securely.
7. Set the convertible top upright.



G03638841

Fig. 38: Clamping Top Fabric To Bow
Courtesy of MAZDA MOTORS CORP.

8. Rivet the cables to the front of the link.



G03638842

Fig. 39: Riveting Cables To Front Of Link
Courtesy of MAZDA MOTORS CORP.

SET PLATE ASSEMBLY NOTE

1. Turn the convertible top over and fold it.
2. Install the front of the top fabric to the front header.
3. Align the set plate and top fabric with the set plate installation holes.
4. Install the set plate to the link.

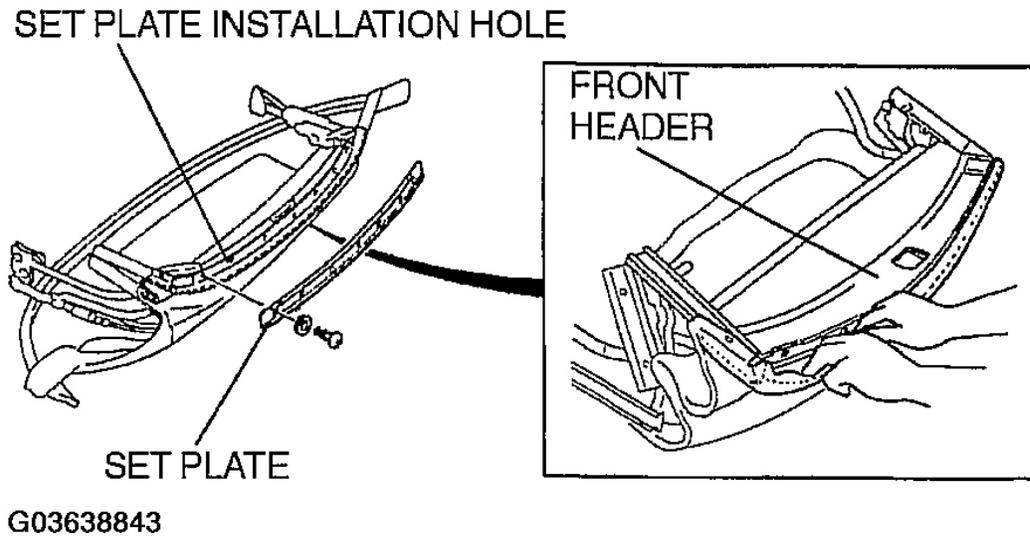


Fig. 40: Installing Set Plate To Link
Courtesy of MAZDA MOTORS CORP.

END PLATE ASSEMBLY NOTE

1. Unfold the convertible top half-way.
2. Pass the cables through the cable guides.
3. Install the cables to the rear of the link.
4. Fold the convertible top.

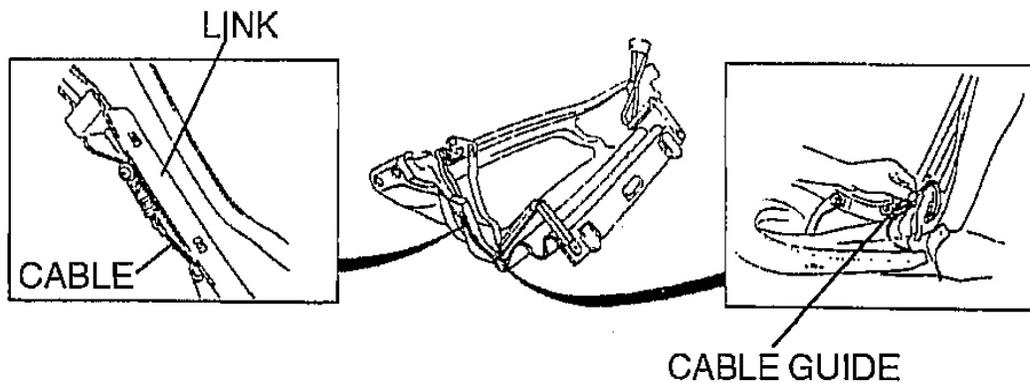
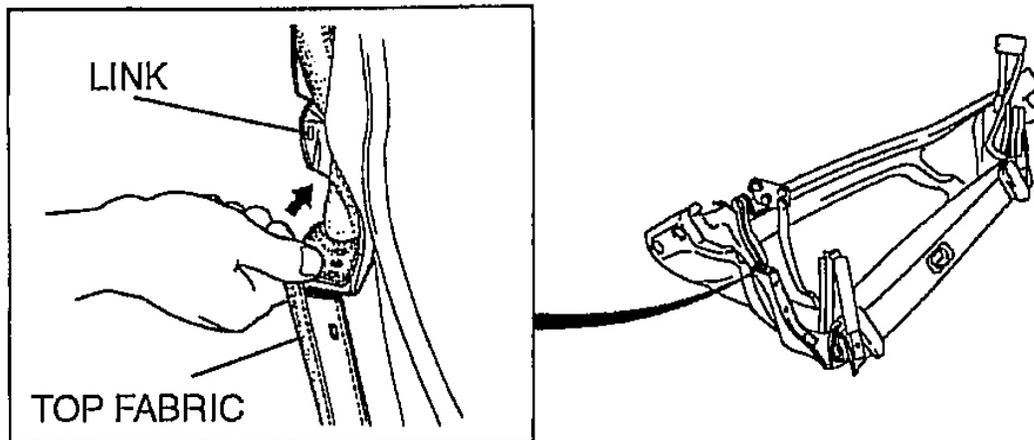


Fig. 41: Installing Cables To Rear Of Link
Courtesy of MAZDA MOTORS CORP.

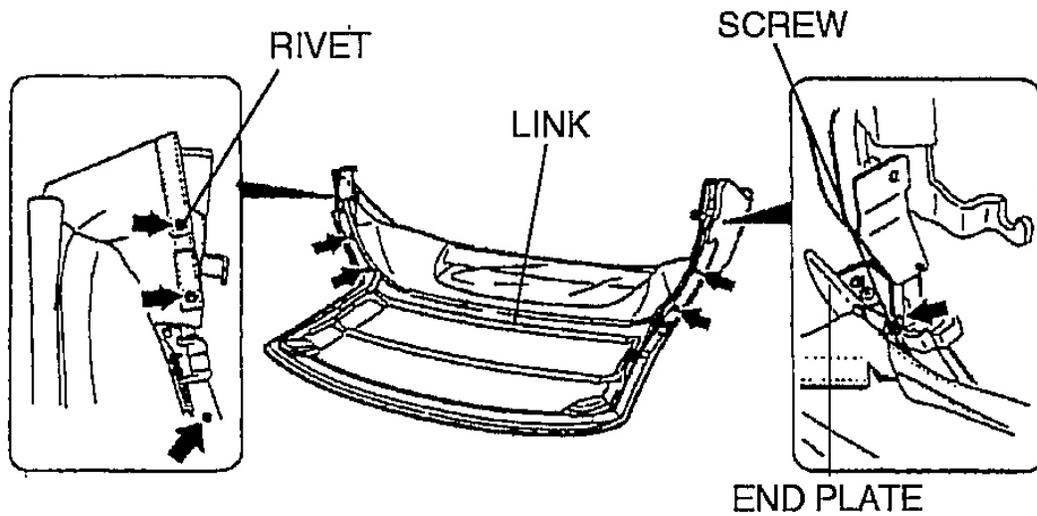
5. Install the top fabric to the link.
6. Unfold the convertible top.
7. Install the end plates to the link.



G03638845

Fig. 42: Installing Top Fabric To Link
Courtesy of MAZDA MOTORS CORP.

8. Rivet the top fabric to the link.

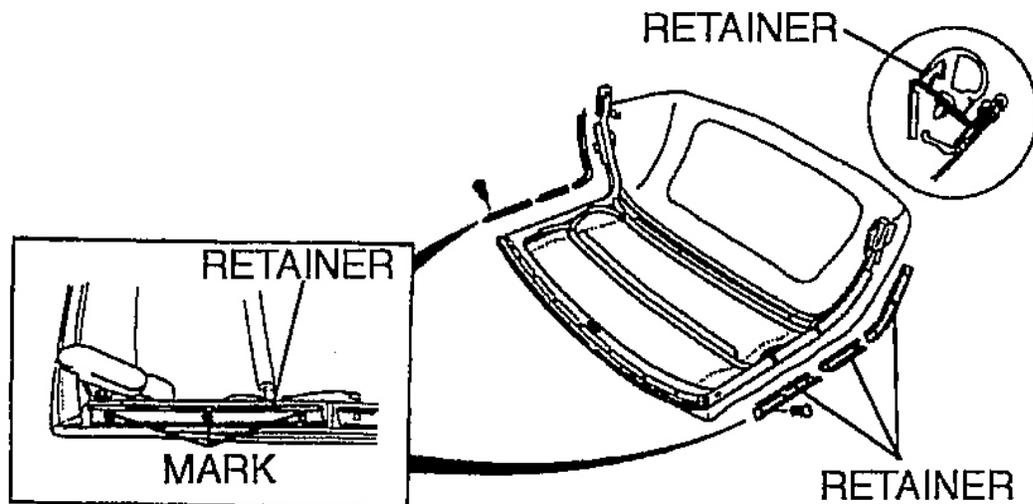


G03638846

Fig. 43: Riveting Top Fabric To Link
Courtesy of MAZDA MOTORS CORP.

RETAINER ASSEMBLY NOTE

1. Install the retainers to the link, aligning the retainer marks with the retainer installation screws.



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Fig. 44: Installing Retainers To Link
Courtesy of MAZDA MOTORS CORP.

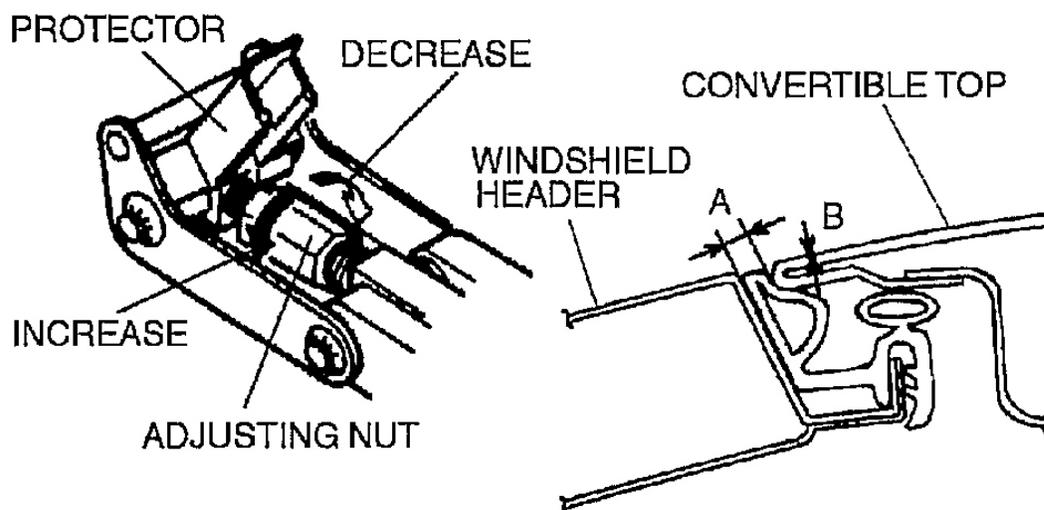
CONVERTIBLE TOP ADJUSTMENT

1. Lift the protector away from the top lock adjusting nut.
2. Turn the adjusting nut clockwise to decrease clearance A and height B; turn the nut counterclockwise to increase them.

Clearance

A: 3-7 mm {0.12-0.27 in}

B: -2-2 mm {-0.07-0.07 in}



G03638848

Fig. 45: Adjusting Convertible Top
Courtesy of MAZDA MOTORS CORP.

3. Secure the adjusting nut with the protector.

RETAINER ADJUSTMENT

1. Remove the weatherstrip.
2. Loosen the retainer installation screws and adjust the retainer as necessary.
3. Tighten the screws and reinstall the weatherstrip.

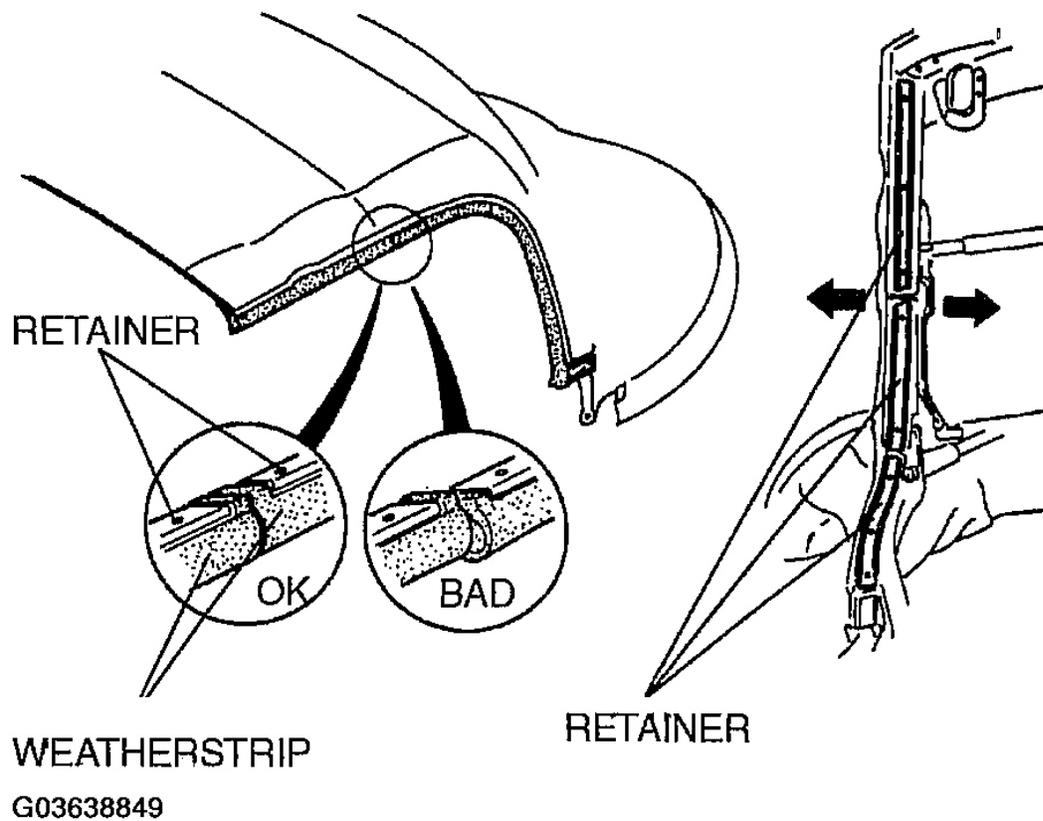


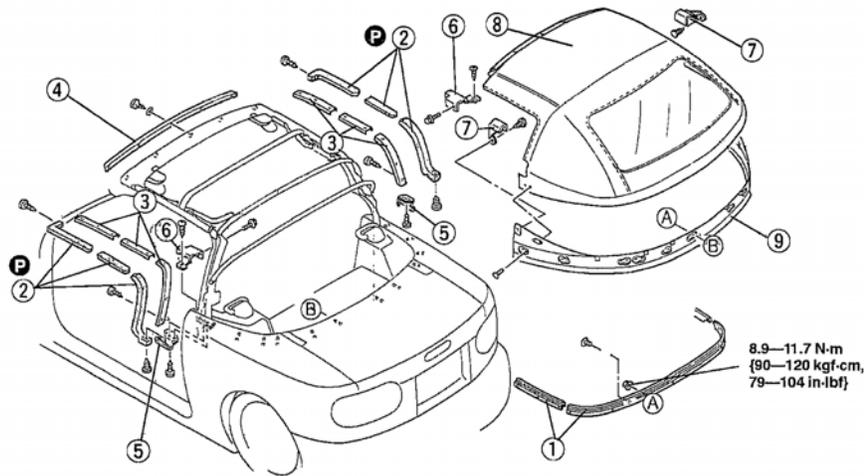
Fig. 46: Adjusting Retainer
Courtesy of MAZDA MOTORS CORP.

TOP FABRIC REMOVAL/INSTALLATION

1. Cover over the rear deck area using a protective rag.
2. Remove the rear package trim.
3. Remove in the order indicated in the table.

2005 Mazda MX-5 Miata

2005 ACCESSORIES & EQUIPMENT Exterior Trim - MX-5 Miata



1	Set plate
2	Weatherstrip (See Weatherstrip Removal Note)
3	Retainer (See Retainer Removal Note)
4	Set plate
5	End plate

6	Beltline cover
7	Beltline protector
8	Top fabric (See Top Fabric Removal Note) (See Top Fabric Installation Note)
9	Rain rail (See Rain Rail Removal Note) (See Rain Rail Installation Note)

G03638850

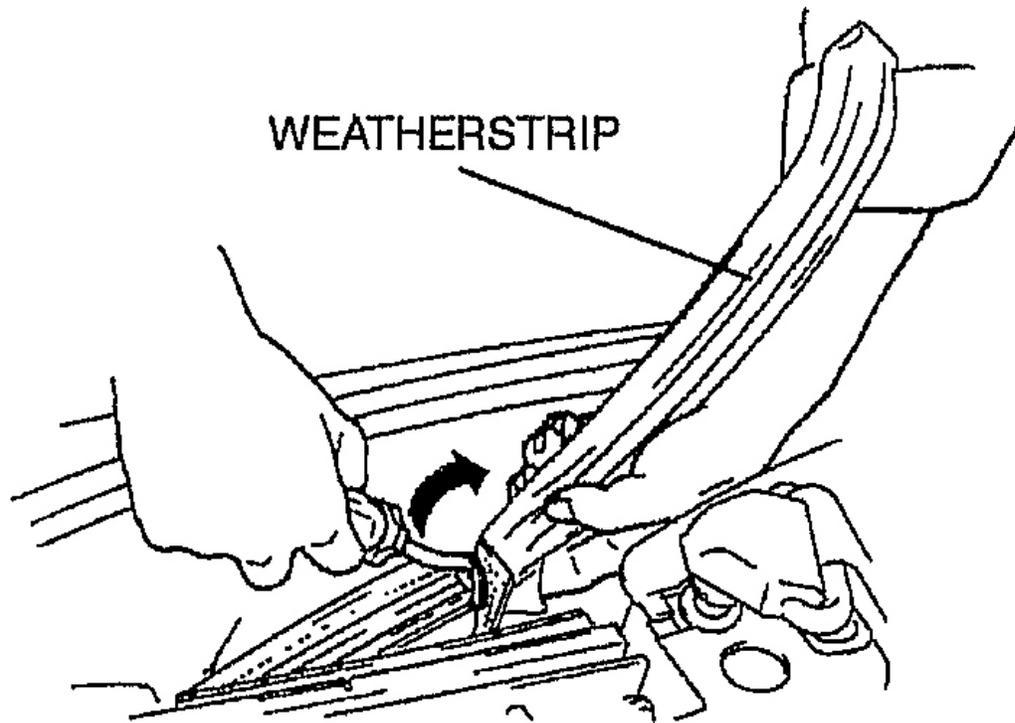
Fig. 47: Removing Top Fabric - With Torque Specifications
 Courtesy of MAZDA MOTORS CORP.

4. Install in the reverse order of removal.

WEATHERSTRIP REMOVAL NOTE

Vertical section

1. Lower the convertible top fully.
2. Remove the fastener as shown in **Fig. 48** using a fastener remover.



G03638851

Fig. 48: Removing Fastener
Courtesy of MAZDA MOTORS CORP.

RETAINER REMOVAL NOTE

1. Mark around the retainer installation screws with paint before removing them.

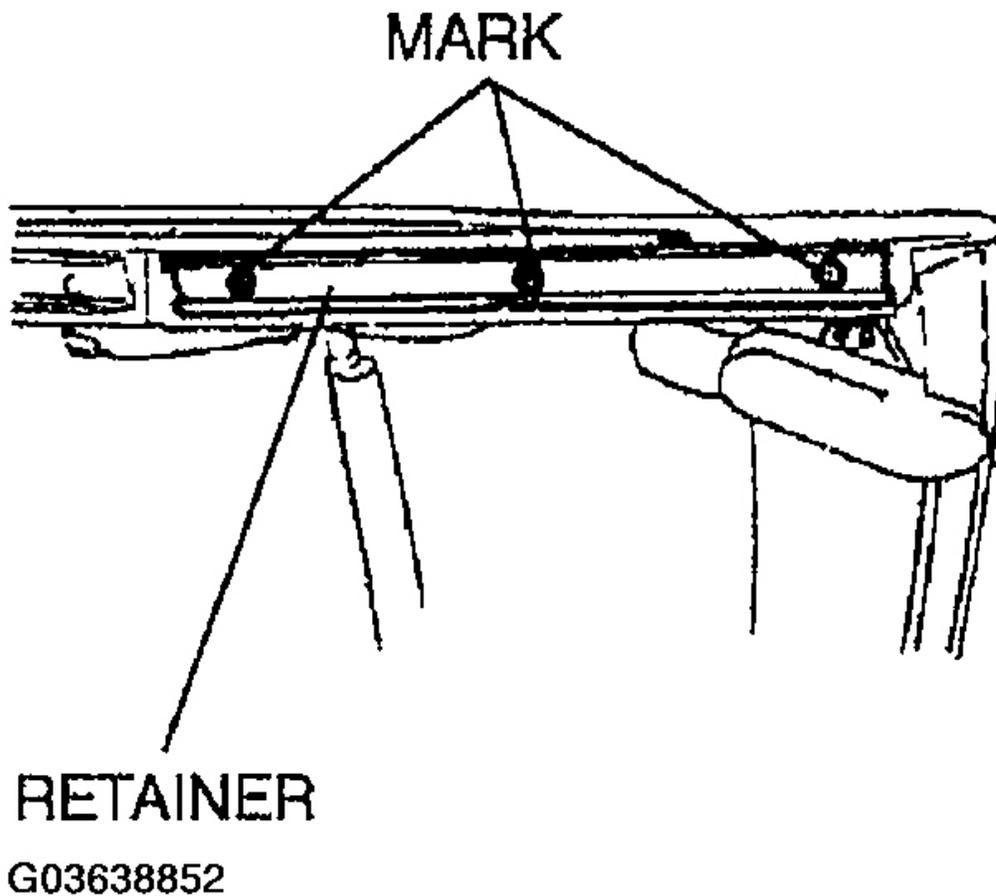


Fig. 49: Marking Around Retainer Installation Screws
Courtesy of MAZDA MOTORS CORP.

TOP FABRIC REMOVAL NOTE

1. Remove the rivets from the link with a drill.

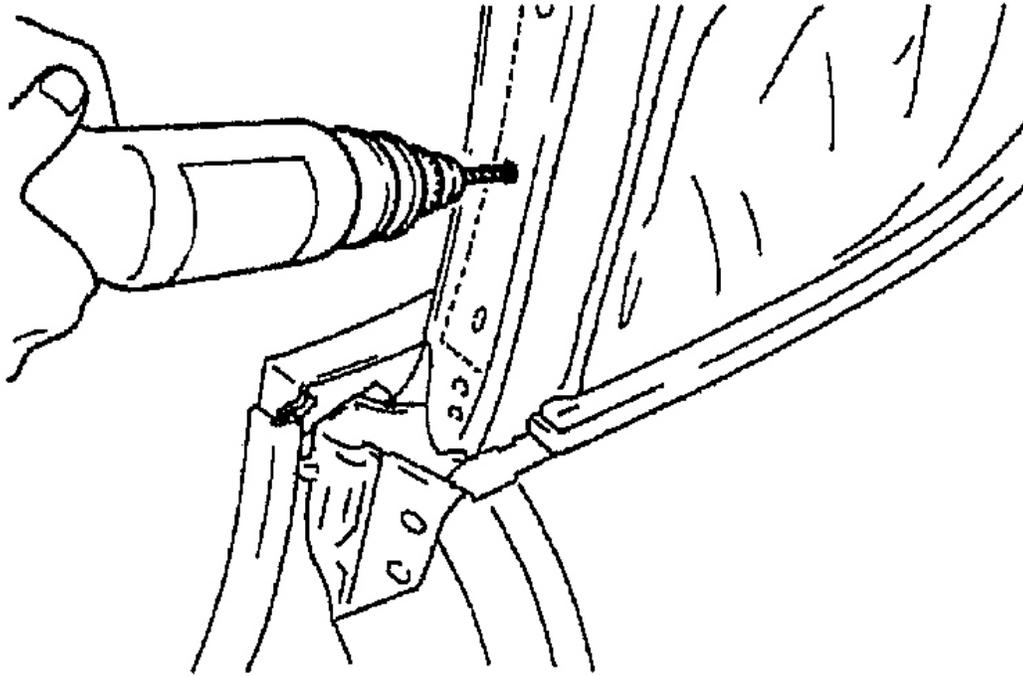
Drill size

4.0 mm diameter{0.16 in diameter}

2. Peel the top fabric end.
3. Remove the rivets from the link using a drill.

Drill size

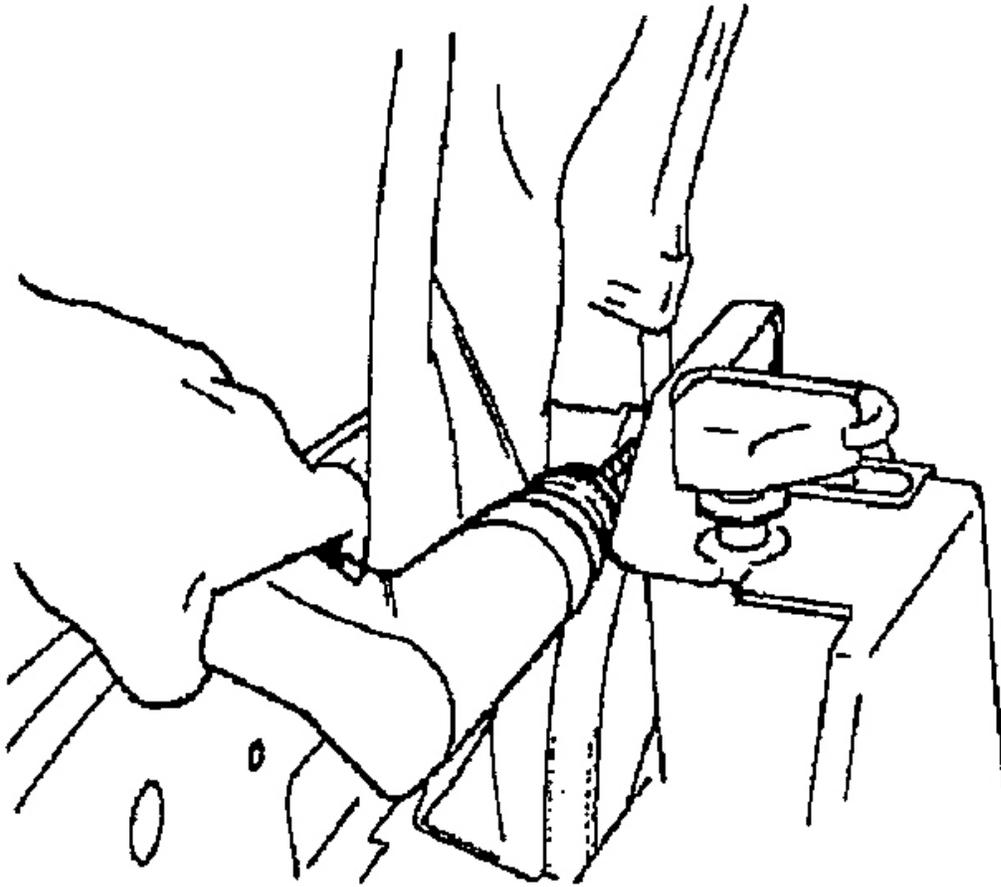
4.0 mm diameter{0.16 in diameter}



G03638853

Fig. 50: Removing Rivets From Link Using Drill
Courtesy of MAZDA MOTORS CORP.

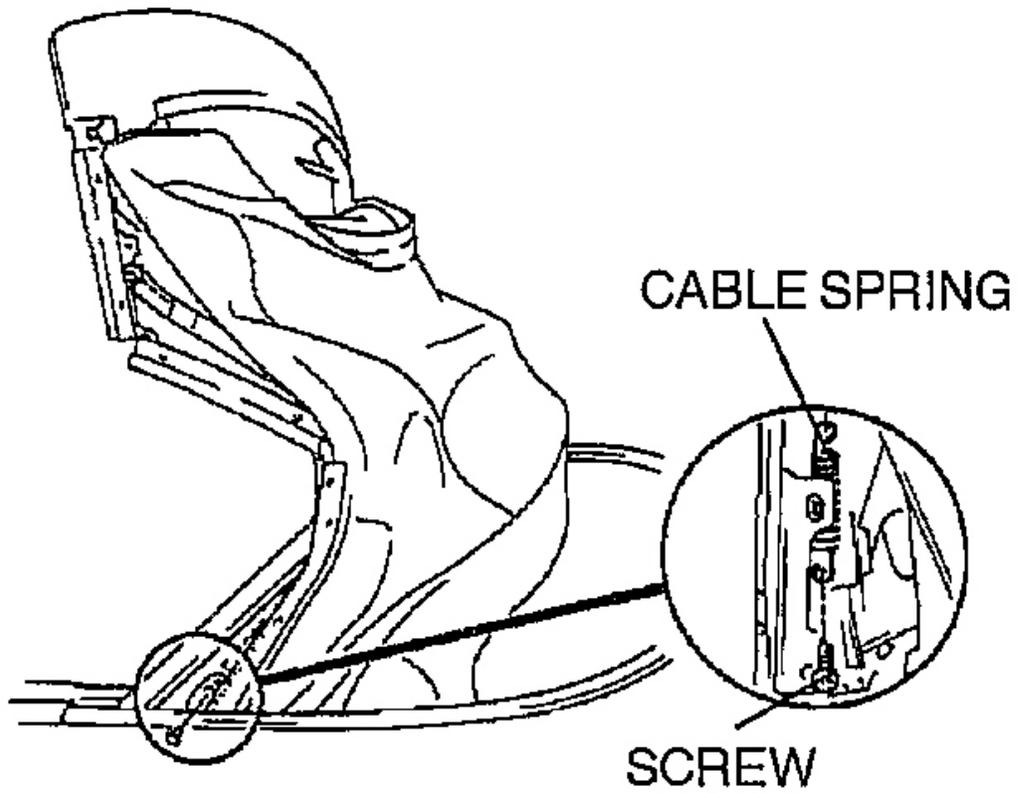
4. Lower the convertible top to release the cable spring tension, and unhook the spring.



G03638854

Fig. 51: Removing Rivets From Link Using Drill
Courtesy of MAZDA MOTORS CORP.

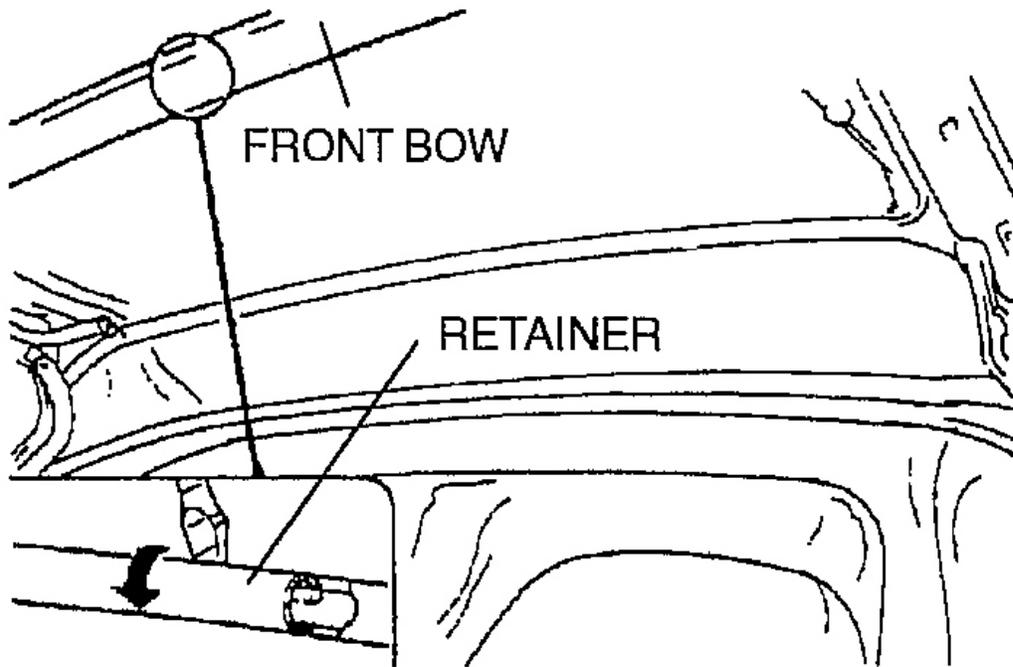
5. Remove the cable from the top fabric.
6. Pry back the front bow retainer using a tape-wrapped flathead screwdriver.



G03638855

Fig. 52: Identifying Cable Spring And Screw
Courtesy of MAZDA MOTORS CORP.

7. Remove the top fabric from the bow retainer.



G03638856

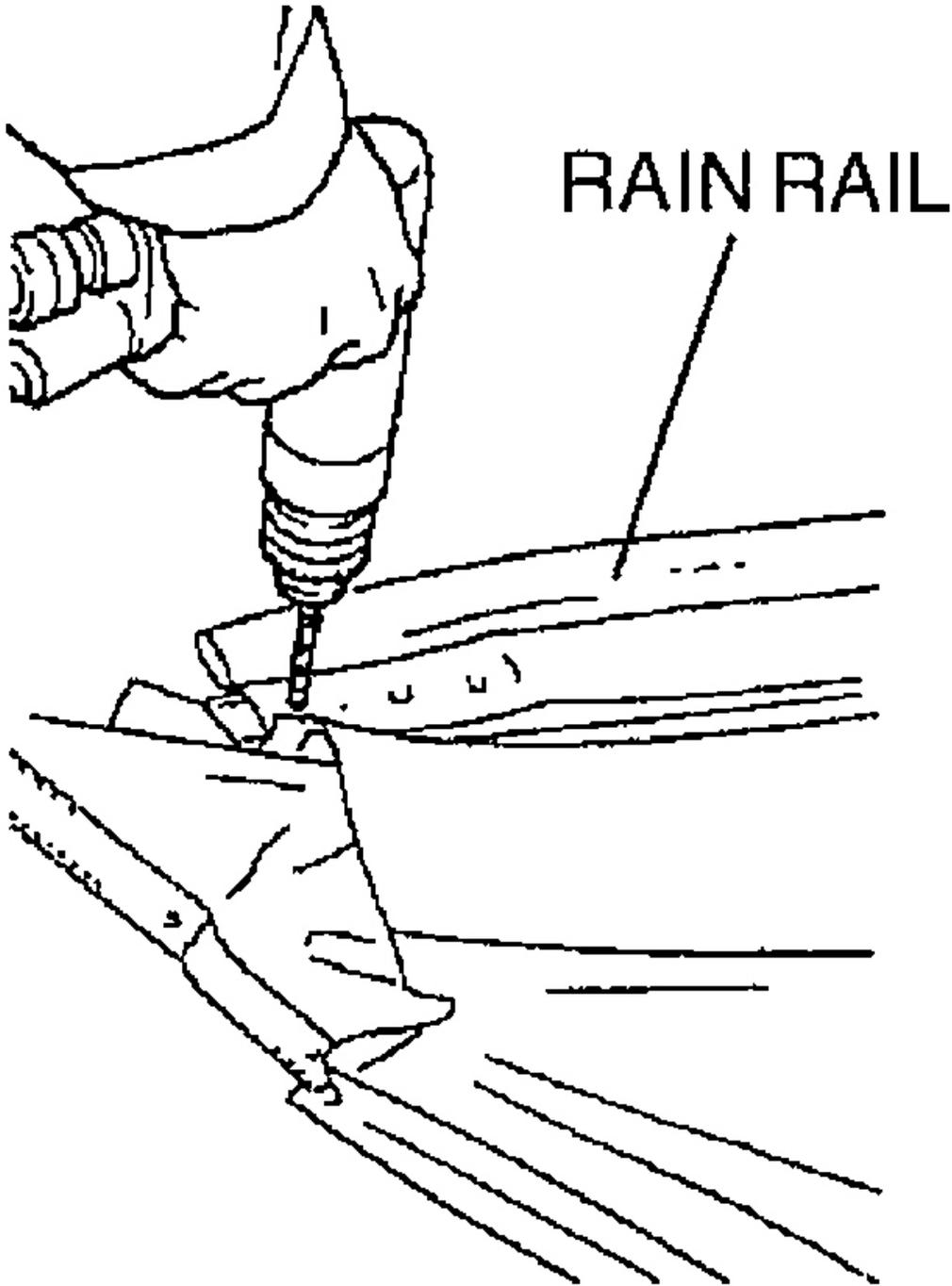
Fig. 53: Removing Top Fabric From Bow Retainer
Courtesy of MAZDA MOTORS CORP.

RAIN RAIL REMOVAL NOTE

1. Remove the rivets from the top fabric using a drill.

Drill size

4.0 mm diameter {0.16 in diameter}



G03638857

Fig. 54: Removing Rivets From Top Fabric Using Drill
 Courtesy of MAZDA MOTORS CORP.

RAIN RAIL INSTALLATION NOTE

If the rivets will not be used

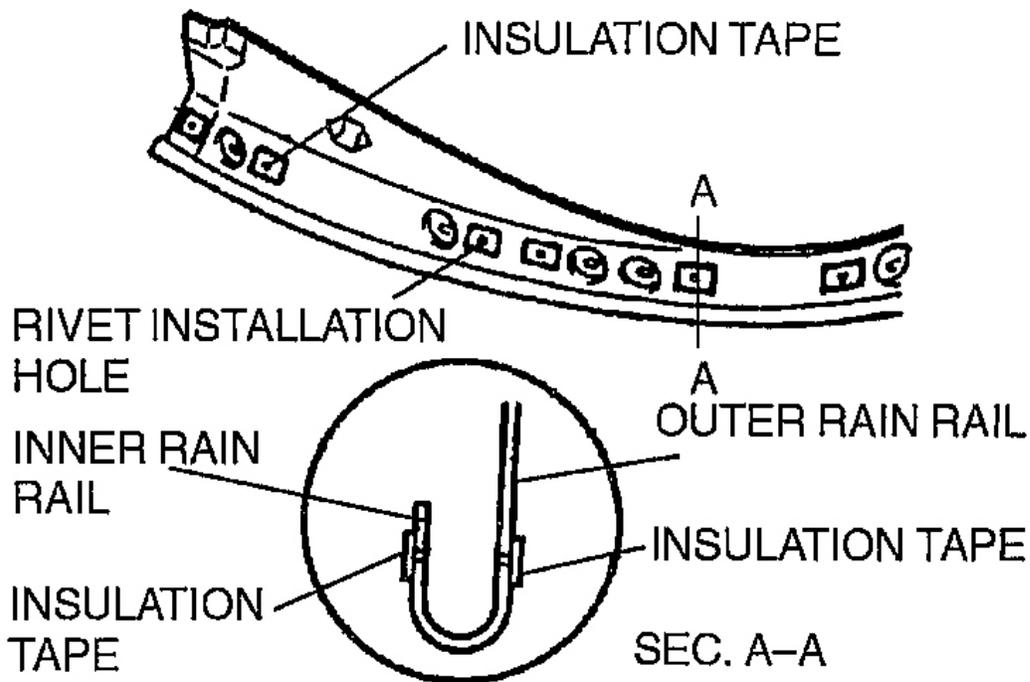
1. Degrease the rain rail using white gasoline.
2. Install the insulation tape to the rivet installation holes of the rain rail.

Insulation tape

Width:20 mm {0.79 in}

Height:15 mm {0.59 in}

Thickness:3 mm {0.12 in}

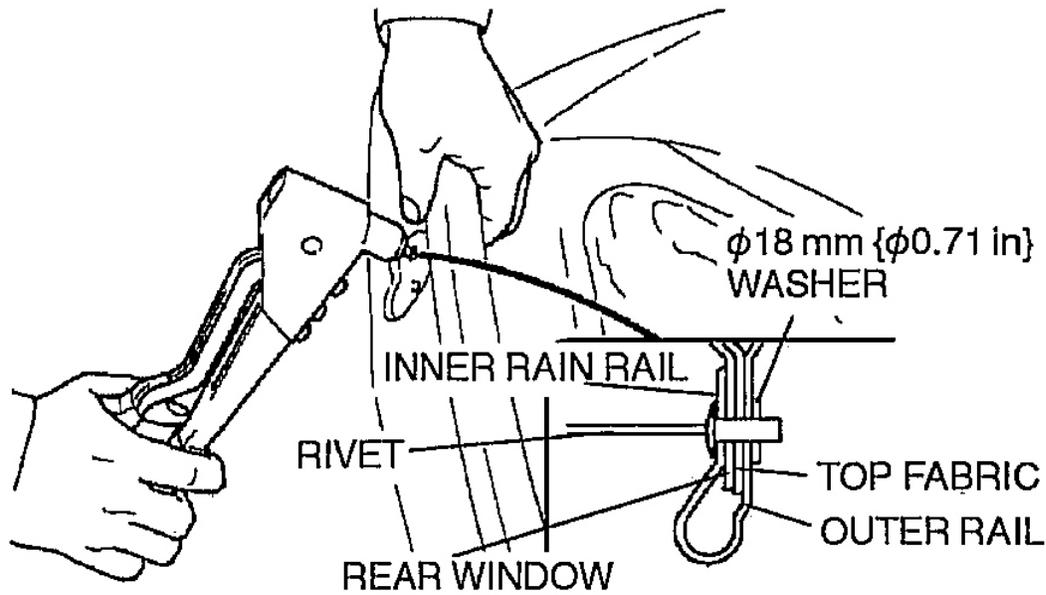


G03638858

Fig. 55: Installing Insulation Tape To Rivet Installation Holes Of Rain Rail
 Courtesy of MAZDA MOTORS CORP.

If the rivets will be used

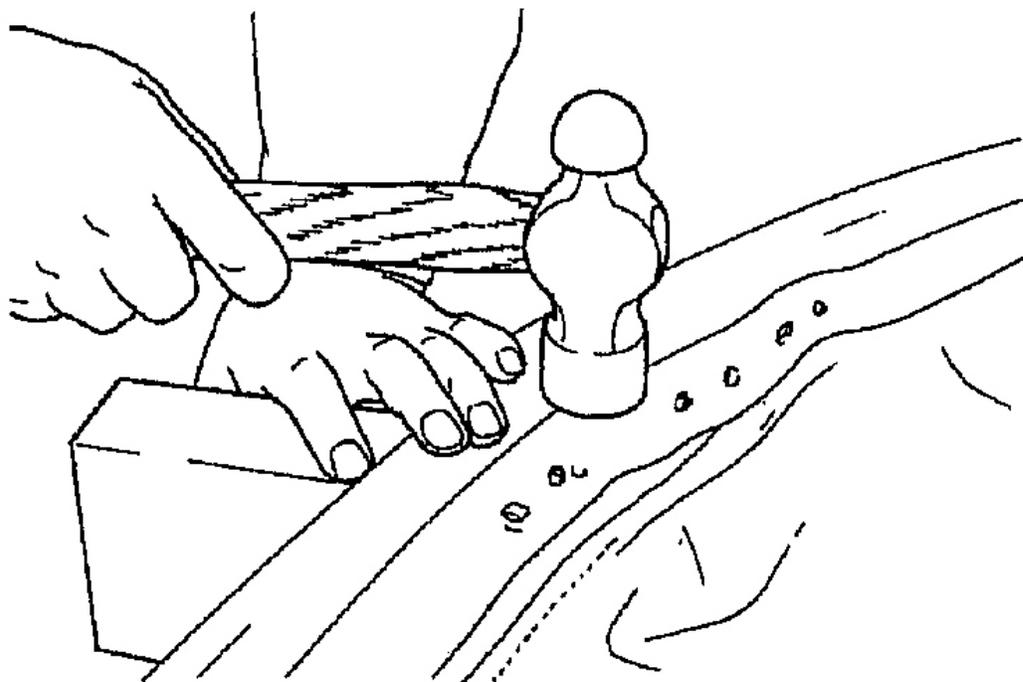
1. Rivet the rain rail to the top fabric.



G03638859

Fig. 56: Riveting Rain Rail To Top Fabric
Courtesy of MAZDA MOTORS CORP.

2. Flatten the stem using a hammer.

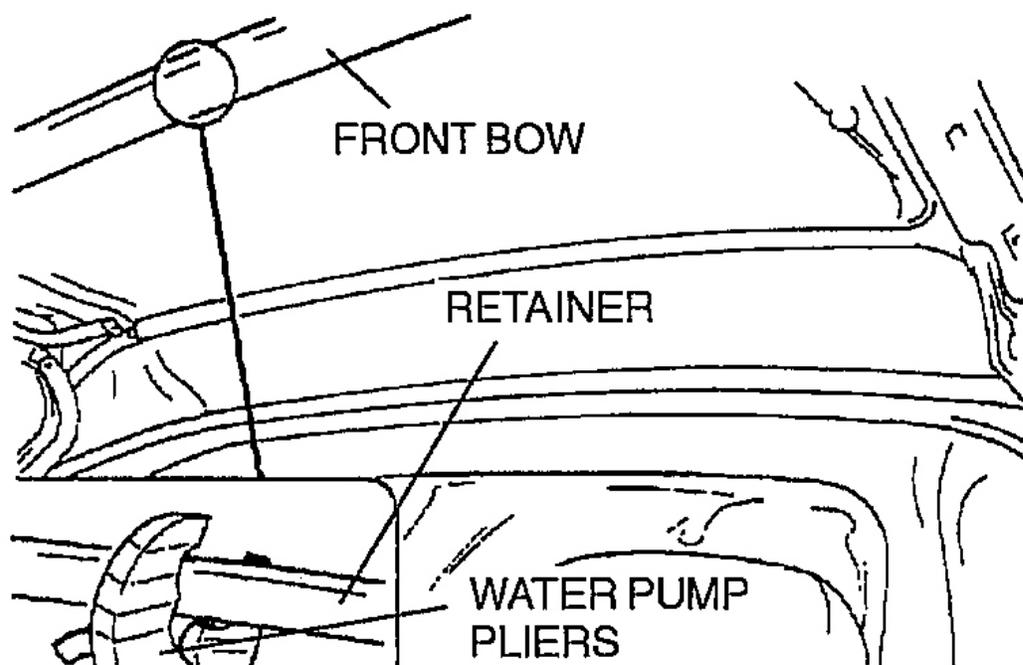


G03638860

Fig. 57: Flattening Stem Using Hammer
Courtesy of MAZDA MOTORS CORP.

TOP FABRIC INSTALLATION NOTE

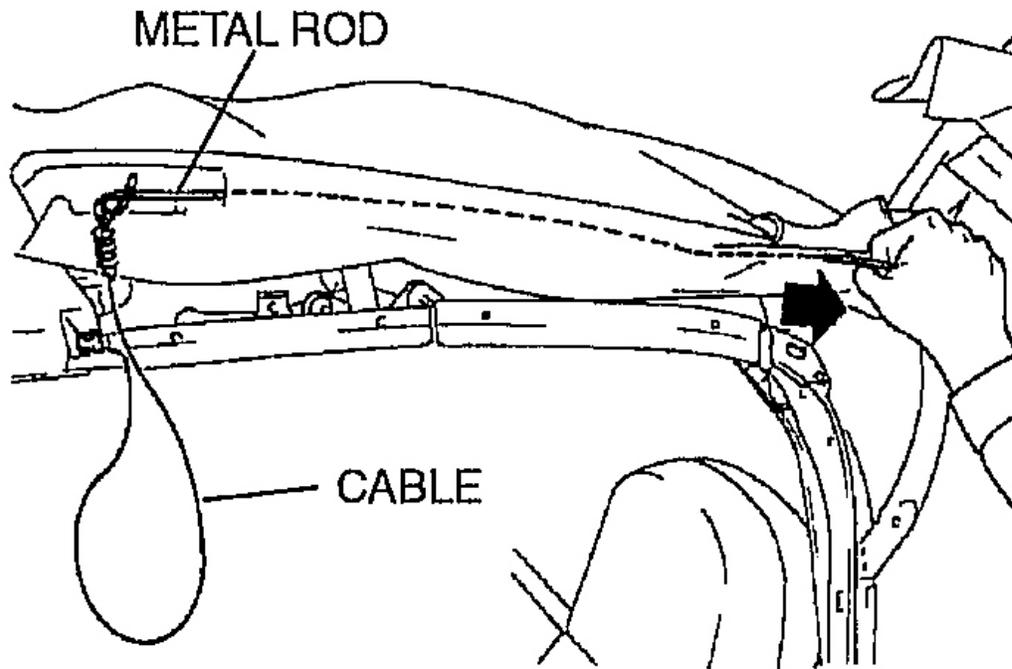
1. Place the top fabric onto the link.
2. Install the top fabric from the rear bow to the front bow.
3. Roll the top fabric over the bow retainer.
4. Hang the end of the top fabric on the bow retainer.
5. Clamp the top fabric to the bow using water pump pliers which have been wrapped in tape.



G03638861

Fig. 58: Clamping Top Fabric To Bow
Courtesy of MAZDA MOTORS CORP.

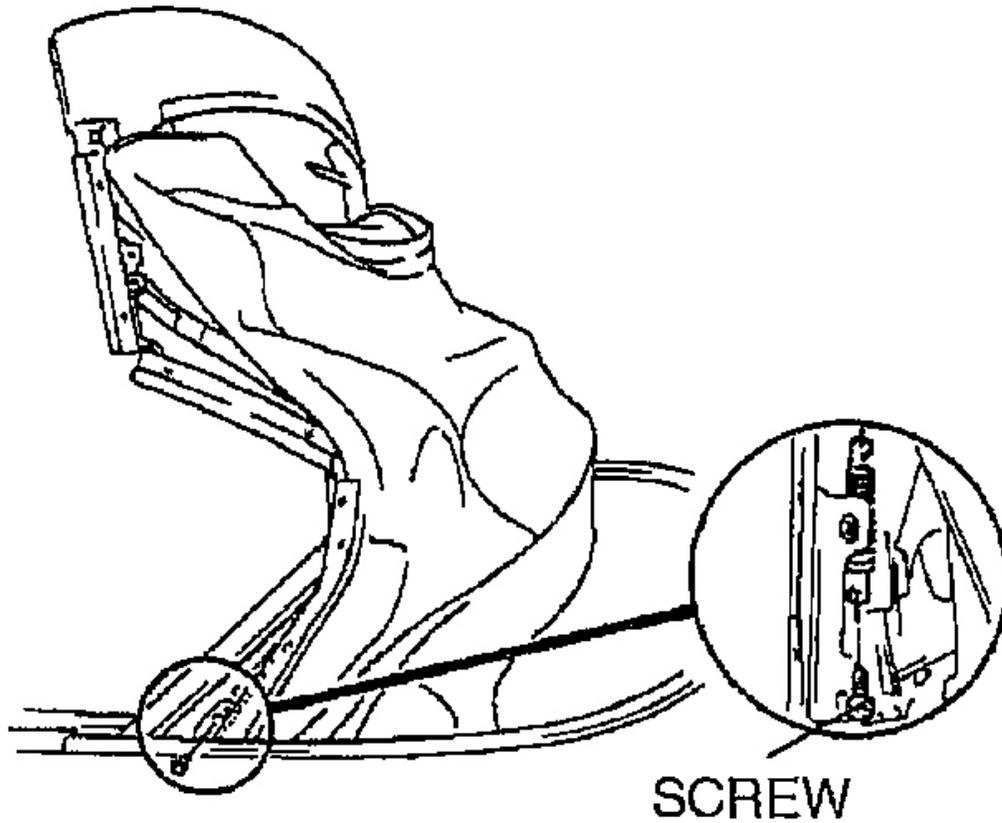
6. Pull the top fabric by hand to verify that it is held securely.
7. Insert a metal rod into the fabric as shown, tie the cable around the rod, and pull the cable through the fabric.
8. Raise the convertible top as shown in the figure.



G03638862

Fig. 59: Inserting A Metal Rod Into Fabric
Courtesy of MAZDA MOTORS CORP.

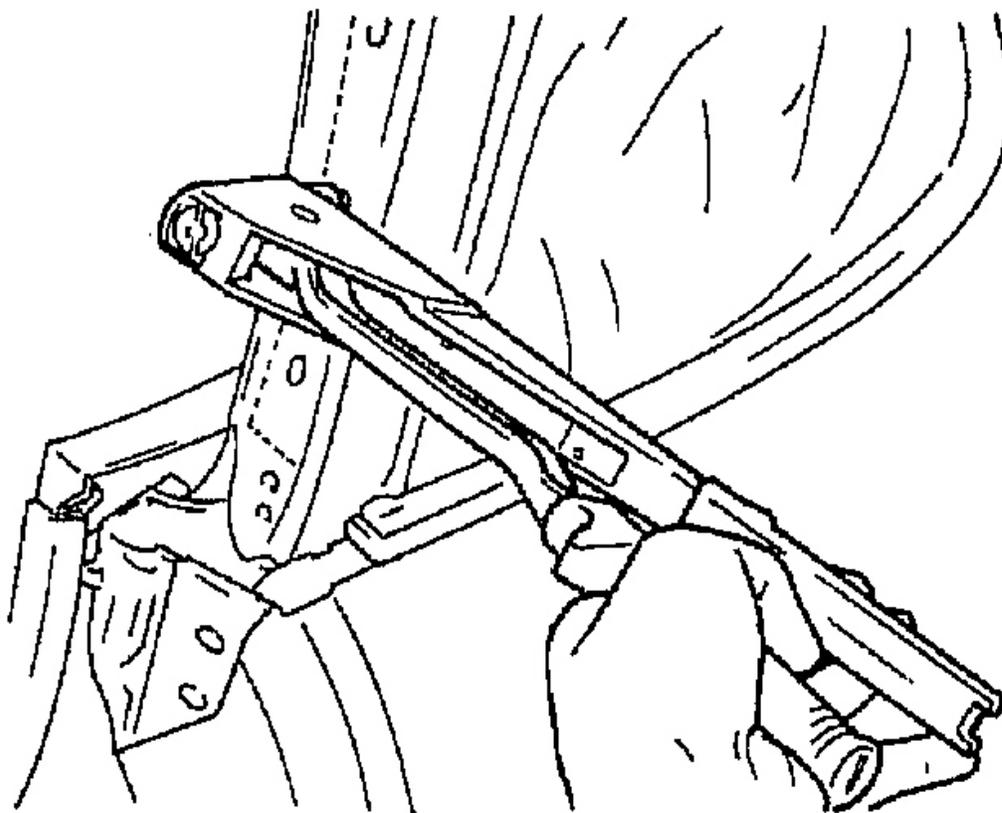
9. Install the screw.



G03638863

Fig. 60: Installing Screw
Courtesy of MAZDA MOTORS CORP.

10. Rivet the top fabric upper side to the link.
11. Peel the top fabric end.



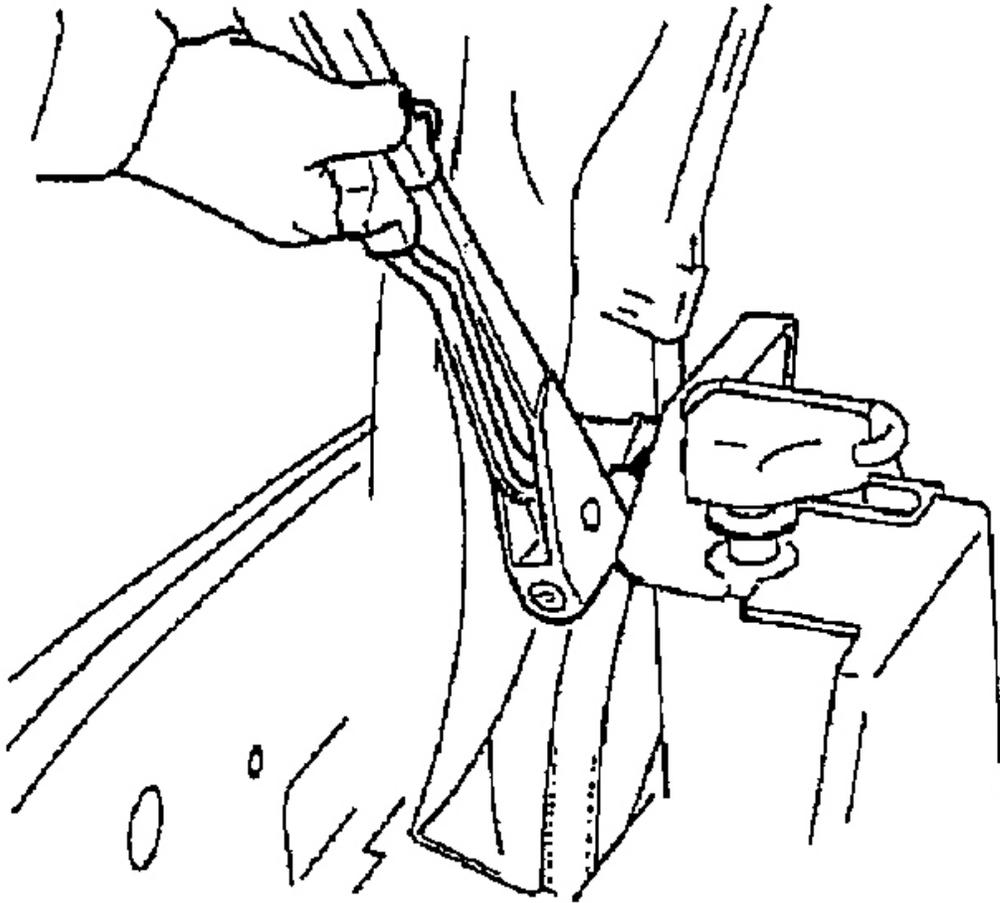
G03638864

Fig. 61: Riveting Top Fabric Upper Side To Link
Courtesy of MAZDA MOTORS CORP.

12. Rivet the top fabric lower side to the link.

NOTE:

- If the lower side rivet is difficult to install to the link, install the top fabric using a Tinnerman clip and a screw.



G03638865

Fig. 62: Riveting Top Fabric Lower Side To Link
Courtesy of MAZDA MOTORS CORP.

TOP FABRIC REPAIR

HOLES

1. Place the repair sheet (NC10 R1 211) over the damaged section. Cut both the top fabric and the repair sheet using a razor and a straightedge.
2. Cut another piece of repair sheet larger than the first for use as a back repair sheet.

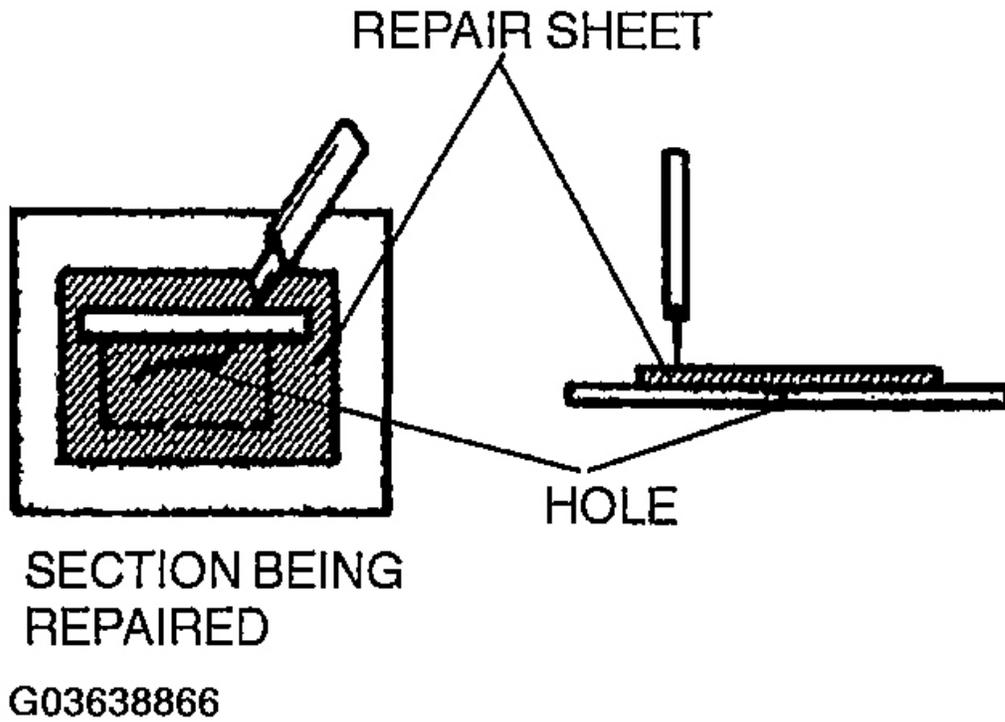


Fig. 63: Placing Repair Sheet Over Damaged Section
Courtesy of MAZDA MOTORS CORP.

3. Trim the top fabric and the repair sheets using scissors.

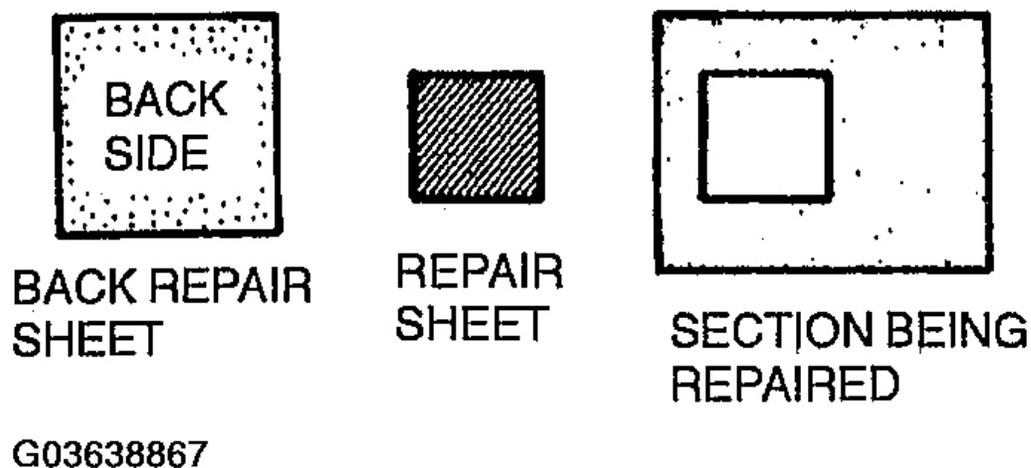
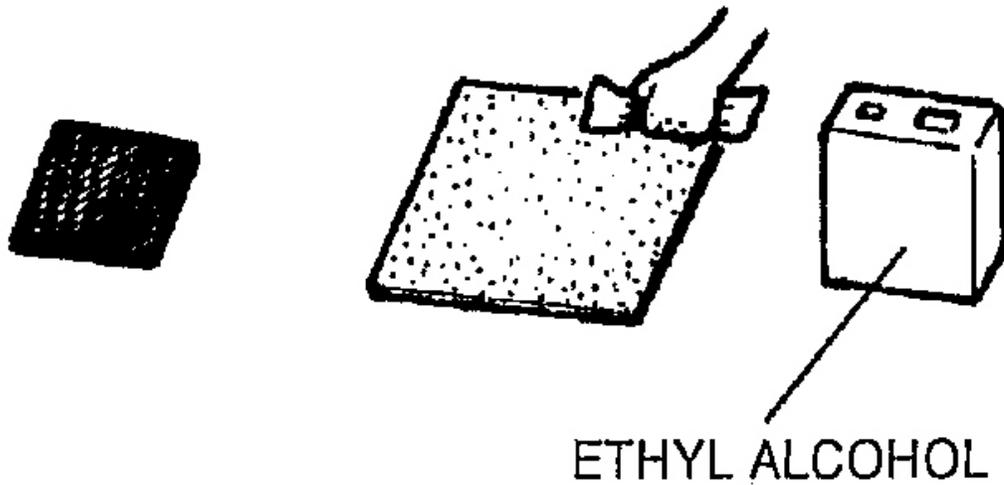


Fig. 64: Identifying Repair Sheets
Courtesy of MAZDA MOTORS CORP.

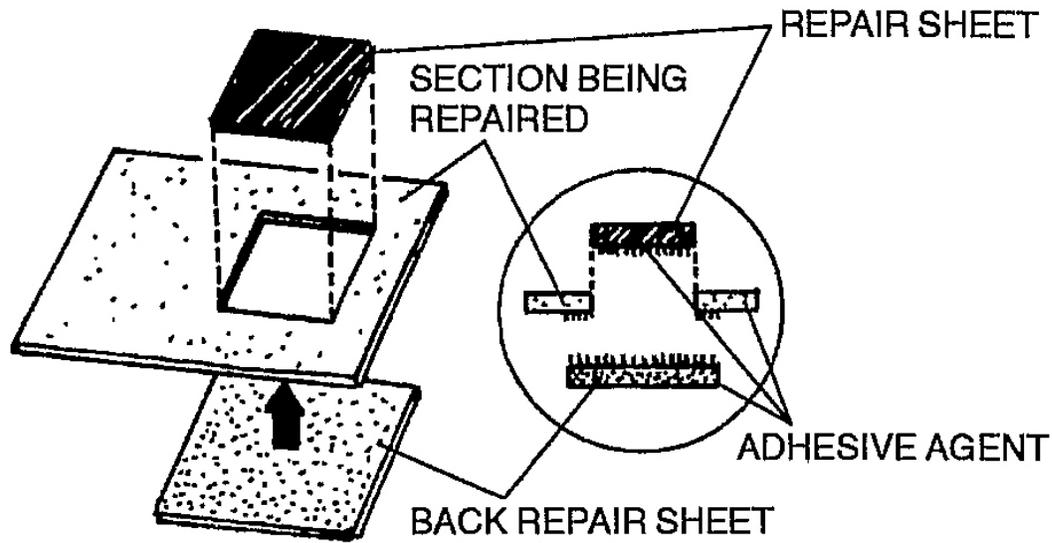
4. Degrease the repair sheets using ethyl alcohol.
5. Apply a generous amount of adhesive agent (K180 W0 313) or equivalent to the section being repaired, the repair sheet, and the back repair sheet. Let stand for a few minutes.



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Fig. 65: Degreasing Repair Sheets Using Ethyl Alcohol
Courtesy of MAZDA MOTORS CORP.

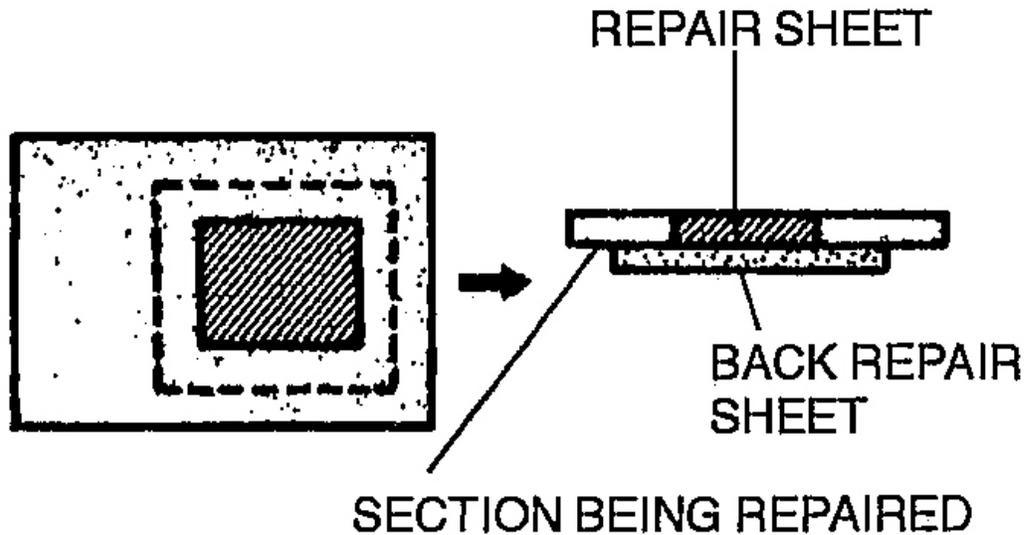
6. Insert the repair sheet squarely into the section of the top fabric being repaired. Then install the back repair sheet from the underside of the top.



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Fig. 66: Inserting Repair Sheet Squarely Into Section Of Top Fabric Being Repaired
Courtesy of MAZDA MOTORS CORP.

7. Press the repair sheets firmly together.



G03638870

Fig. 67: Pressing Repair Sheets Together
Courtesy of MAZDA MOTORS CORP.

8. Let the top fabric stand until the adhesive agent is fully dry.

TEARS

1. Cut a piece of repair sheet (NC10 R1 211) larger than the damaged section for use as a back repair sheet.
2. Degrease the repair sheet using ethyl alcohol.
3. Apply a generous amount of adhesive agent (K180 W0 313) or equivalent to the section being repaired and the back repair sheet. Let stand for a few minutes.
4. Install the back repair sheet from the underside of the top.
5. Press the repair sections firmly together.

REPAIR SHEET



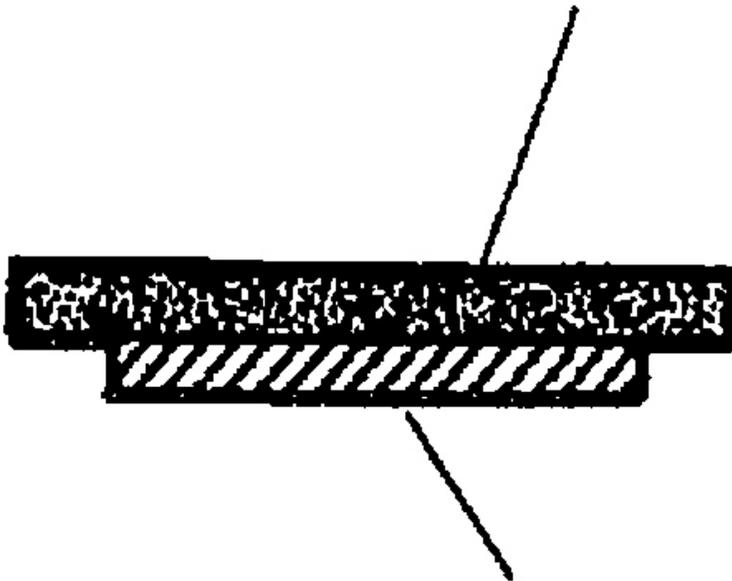
ETHYL ALCOHOL

G03638871

Fig. 68: Degreasing Repair Sheet Using Ethyl Alcohol
Courtesy of MAZDA MOTORS CORP.

6. Let the top fabric stand until the adhesive agent is fully dry.

SECTION BEING REPAIRED



BACK REPAIR SHEET

G03638872

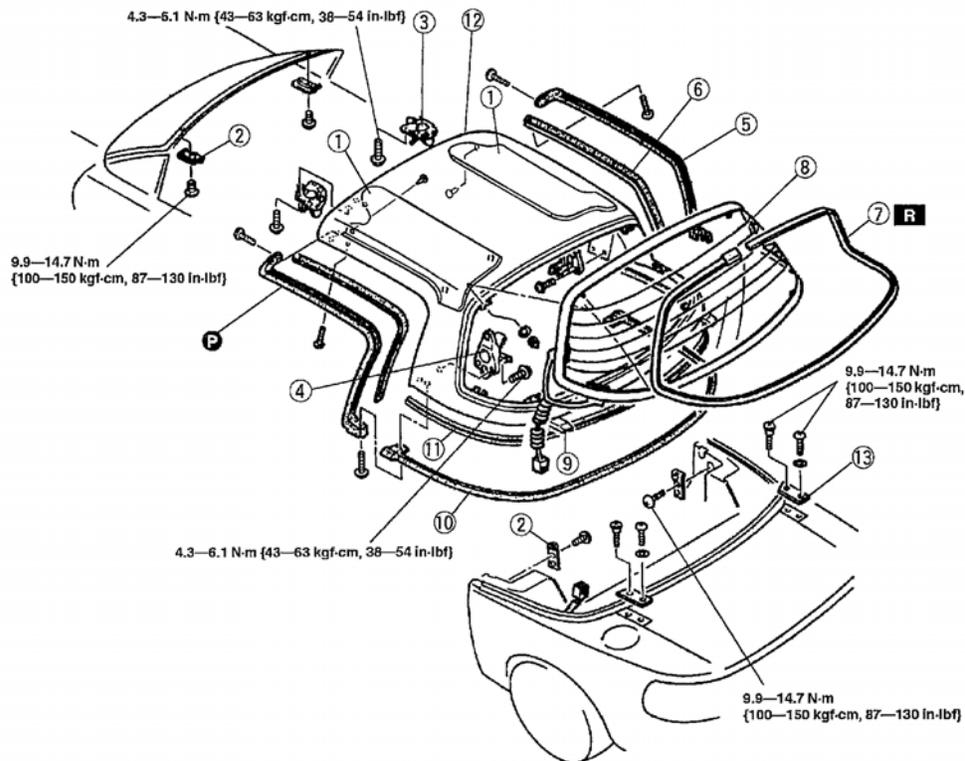
Fig. 69: Identifying Back Repair Sheet
Courtesy of MAZDA MOTORS CORP.

DETACHABLE HARDTOP DISASSEMBLY/ASSEMBLY

1. Disassemble in the order indicated in the table.

2005 Mazda MX-5 Miata

2005 ACCESSORIES & EQUIPMENT Exterior Trim - MX-5 Miata



1	Hardtop trim
2	Striker
3	Top lock
4	Side lock
5	Weatherstrip
6	Retainer
7	Rear window molding (See REAR WINDOW MOLDING REMOVAL) (See REAR WINDOW MOLDING INSTALLATION)

8	Rear window glass (See REAR WINDOW GLASS REMOVAL) (See REAR WINDOW GLASS INSTALLATION)
9	Rear deck lock
10	Rear weatherstrip
11	Edge protector
12	Detachable hardtop
13	Rear deck plate

G03638873

Fig. 70: Disassembling Detachable Hardtop
Courtesy of MAZDA MOTORS CORP.

2. Assemble in the reverse order of disassembly.

DETACHABLE HARDTOP ADJUSTMENT

TOP LOCK

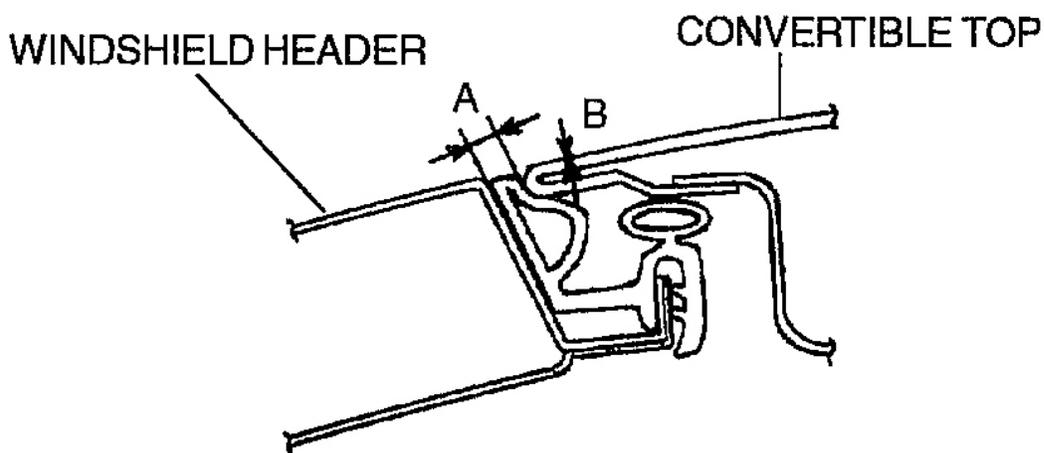
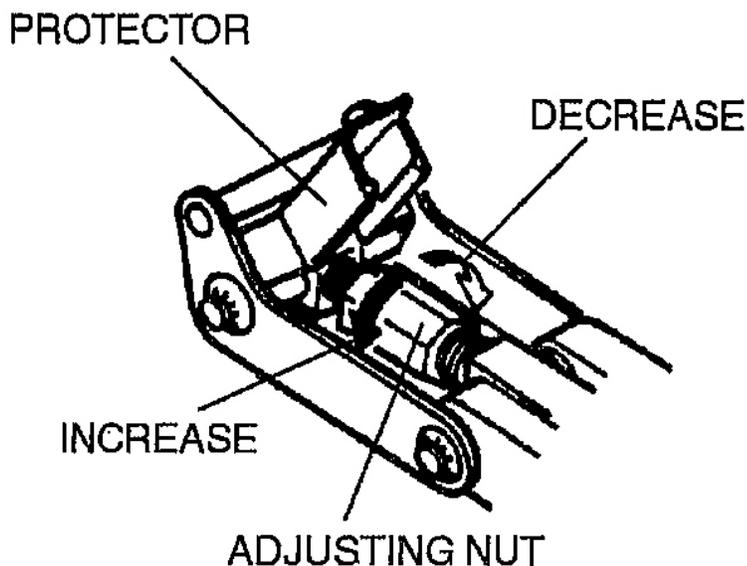
1. Lift the protector away from the top lock adjusting nut.
2. Turn the adjusting nut clockwise to decrease clearance A and height B; turn the nut counterclockwise to increase them.

Clearance

A:3-7 mm {0.12-0.27 in}

B:-2-2 mm {-0.07-0.07 in}

3. Secure the adjusting nut with the protector.

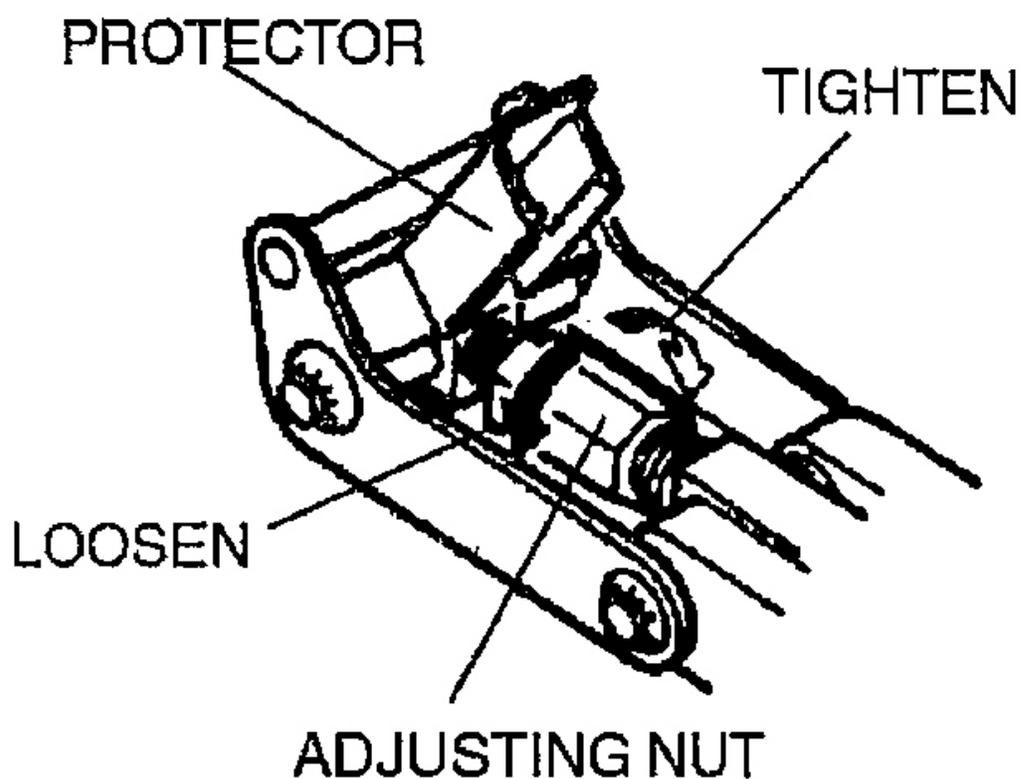


G03638874

Fig. 71: Adjusting Detachable Hardtop
Courtesy of MAZDA MOTORS CORP.

SIDE LOCK

1. Lift the protector away from the side lock adjusting nut.
2. Turn the adjusting nut clockwise to tighten the striker and side lock engagement; turn the nut counterclockwise to loosen the engagement.
3. Secure the adjusting nut using the protector.



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Fig. 72: Adjusting Side Lock
Courtesy of MAZDA MOTORS CORP.

REAR DECK LOCK

1. Remove the screw and open the lock cover.

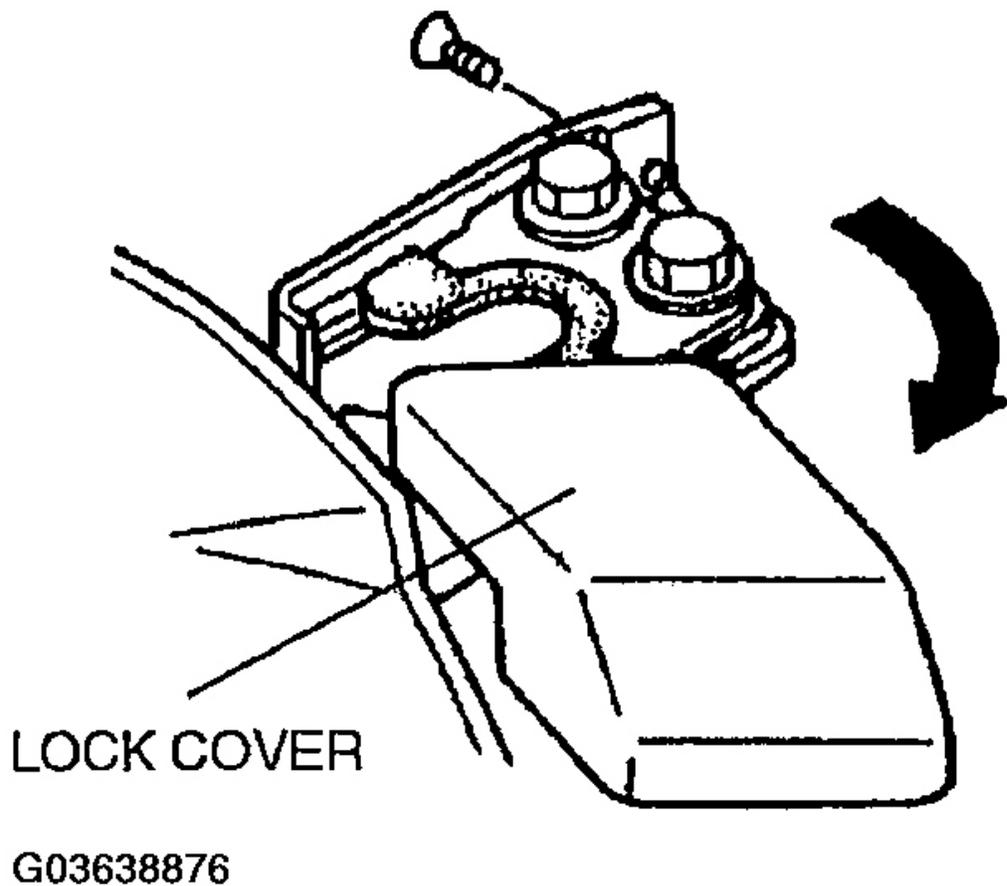


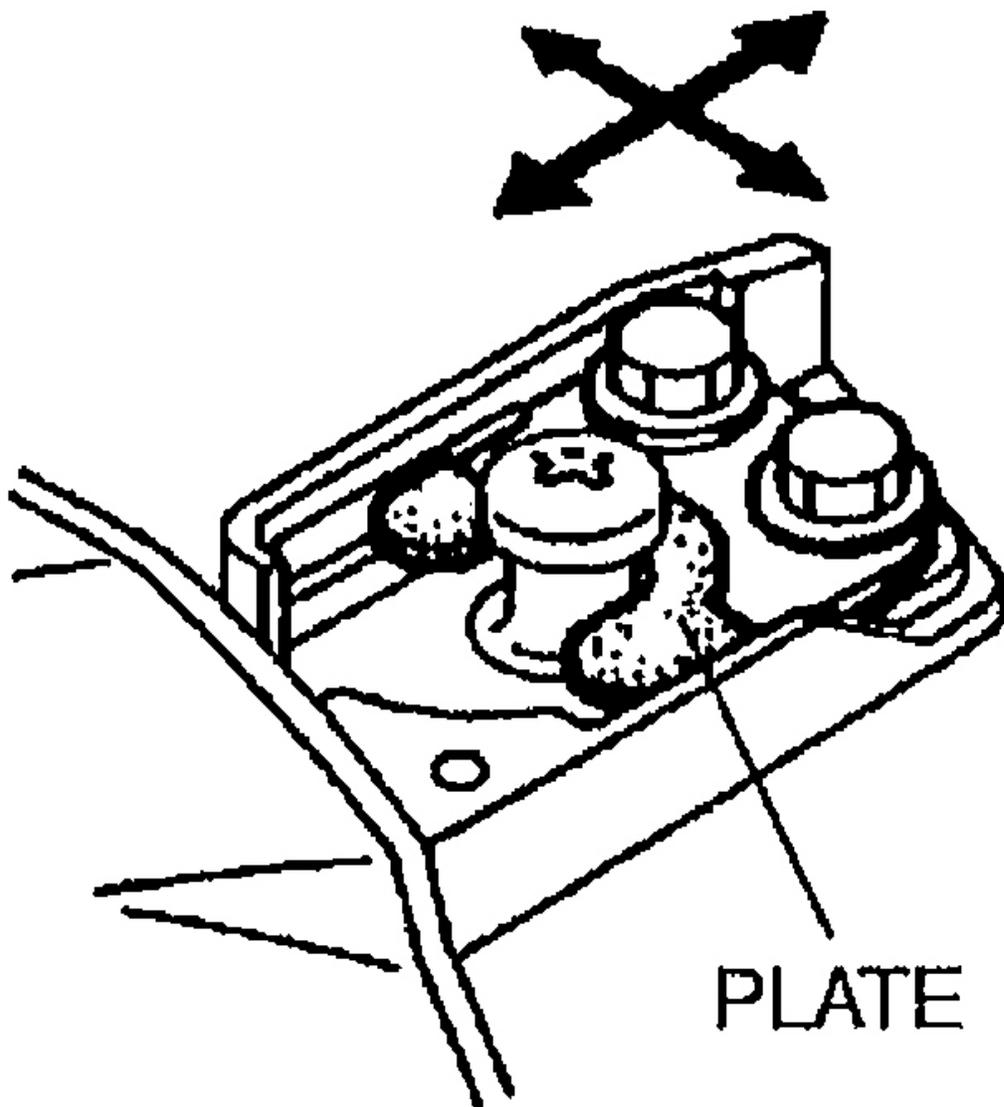
Fig. 73: Opening Lock Cover
Courtesy of MAZDA MOTORS CORP.

2. Loosen the plate installation bolts.
3. Install the detachable hardtop to the body.
4. Move the plate right, left, fore, or aft until it is tight.
5. Tighten the plate installation bolts.

Tightening torque

18-26 N.m {1.8-2.7 kgf.m, 14-19 ft.lbf}

6. Close the lock cover and install the screw.



G03638877

Fig. 74: Tightening Plate
Courtesy of MAZDA MOTORS CORP.

FRONT AIRDAM SKIRT REMOVAL (BP WITH TC)

1. Remove the screws and fasteners.
2. Remove the front airdam skirt while cutting away the double-sided adhesive tape using a flathead

screwdriver or cutter.

- WARNING:**
- Using a cutter with bare hands can cause injury. Always wear gloves when using a cutter.

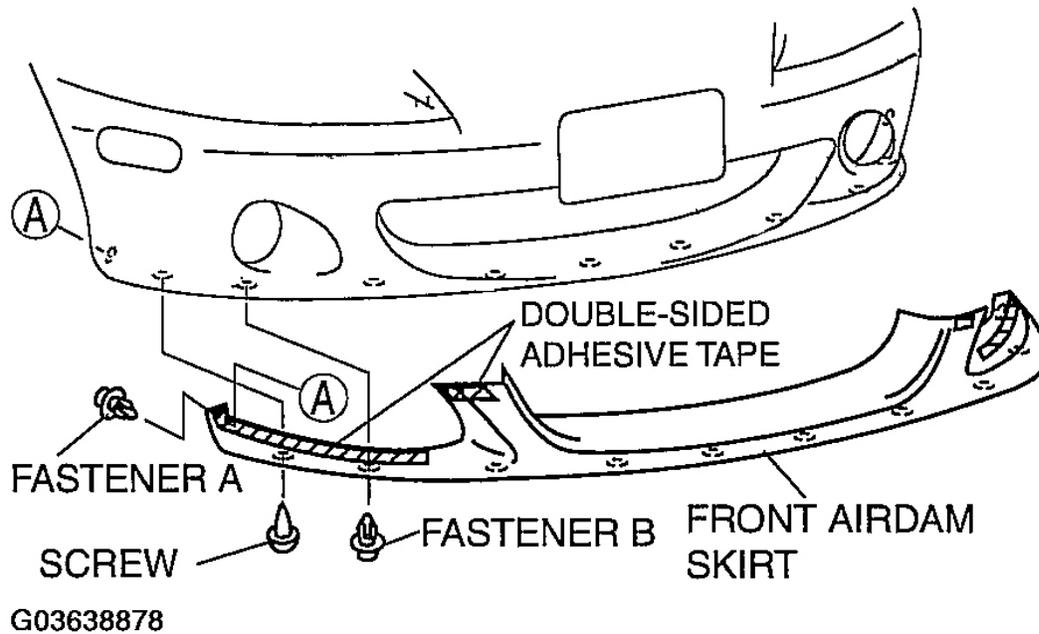


Fig. 75: Removing Front Airdam Skirt (BP With TC)
Courtesy of MAZDA MOTORS CORP.

FRONT AIRDAM SKIRT INSTALLATION (BP WITH TC)

- WARNING:**
- Using a cutter with bare hands can cause injury. Always wear gloves when using a cutter.

- NOTE:**
- If installing a new front airdam skirt, double-sided adhesive tape is already affixed to the skirt.

1. If installing a new front airdam skirt, perform the following procedure:
 1. Using a cutter, remove any remaining double-sided tape from the front bumper.
 2. Remove any grease or dirt from the front bumper affixing surface.
2. If reusing the front airdam skirt, perform the following procedure:
 1. Using a cutter, remove any remaining double-sided tape from the front airdam skirt and body.

2. Remove any grease or dirt from the front airdam skirt and front bumper affixing surfaces.
3. Affix double-sided adhesive tape to the front airdam skirt as shown in the figure.
3. Peel back the tape backing **approx.3 cm** from each end and fold towards the exposed surface of the front airdam skirt.
4. Install the front airdam skirt to the body.

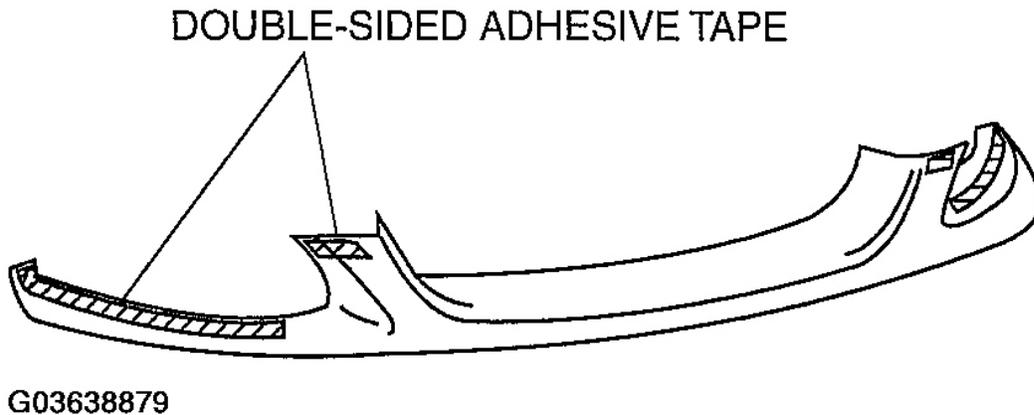
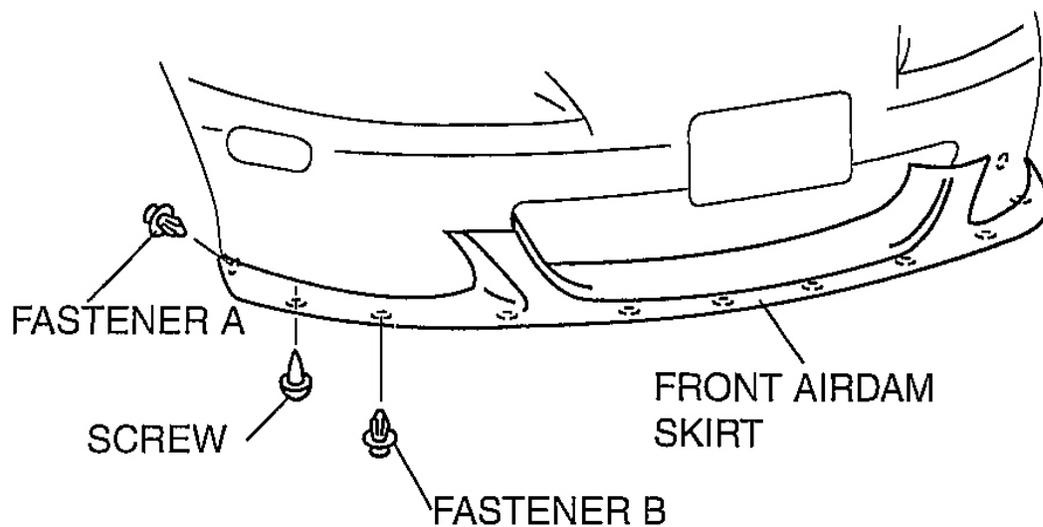


Fig. 76: Affixing Double-Sided Adhesive Tape To Front Airdam Skirt
Courtesy of MAZDA MOTORS CORP.

5. Install fasteners A.
6. Install fasteners B and temporarily tighten the screws.
7. Completely remove the tape backing and press to adhere.
8. Tighten the screws.



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Fig. 77: Installing Front Airdam Skirt (BP With TC)
Courtesy of MAZDA MOTORS CORP.

REAR AIRDAM SKIRT REMOVAL (BP WITH TC)

1. Remove the fasteners, screws, and bolts.
2. Remove the rear airdam skirt while cutting away the double-sided adhesive tape using a flathead screwdriver or cutter.

WARNING:

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

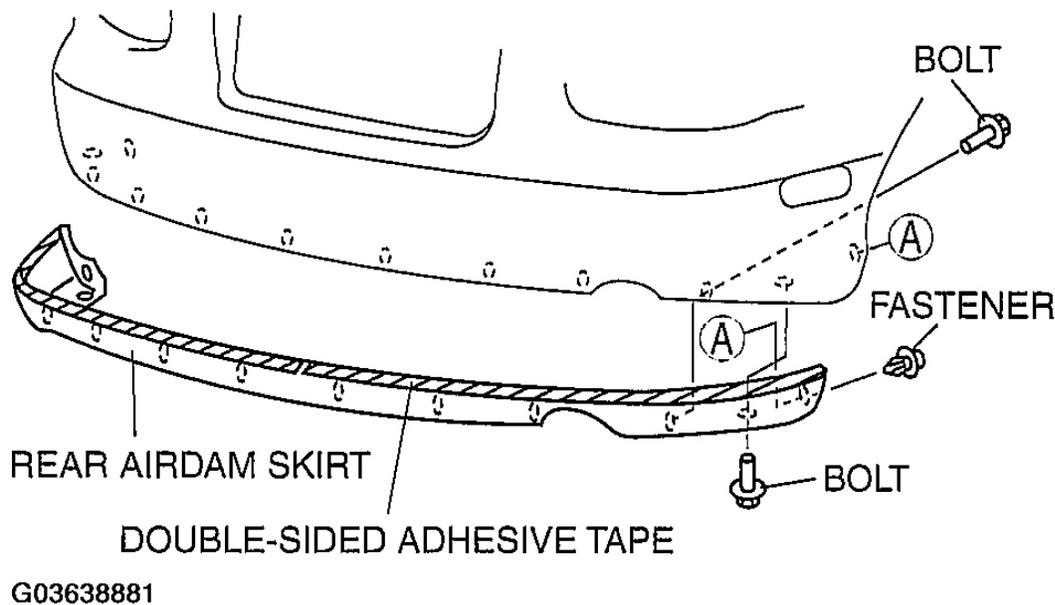


Fig. 78: Removing Rear Airdam Skirt (BP With TC)
 Courtesy of MAZDA MOTORS CORP.

REAR AIRDAM SKIRT INSTALLATION (BP WITH TC)

WARNING: • Using a cutter with bare hands can cause injury. Always wear gloves when using a cutter.

NOTE: • If installing a new rear airdam skirt, double-sided adhesive tape is already affixed to the skirt.

1. If installing a new rear airdam skirt, perform the following procedure:
 1. Using a cutter, remove any remaining double-sided tape from the rear bumper.
 2. Remove any grease or dirt from the rear bumper affixing surface.
2. If reusing the rear airdam skirt, perform the following procedure:
 1. Using a cutter, remove any remaining double-sided tape from the rear airdam skirt and rear bumper.
 2. Remove any grease or dirt from the rear airdam skirt and rear bumper affixing surfaces.
 3. Affix double-sided adhesive tape to the rear airdam skirt as shown in the figure.
3. Peel back the tape backing **approx. 3 cm** from each end and fold towards the exposed surface of the rear airdam skirt.

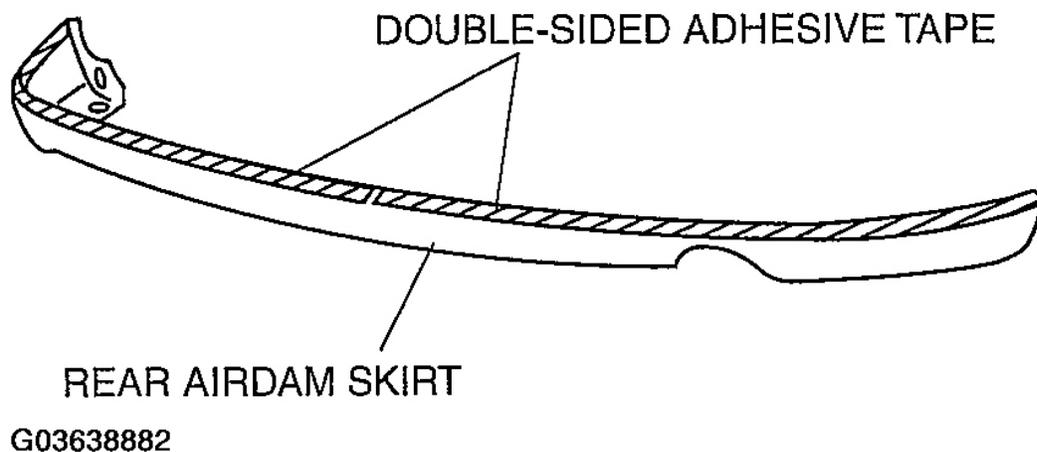
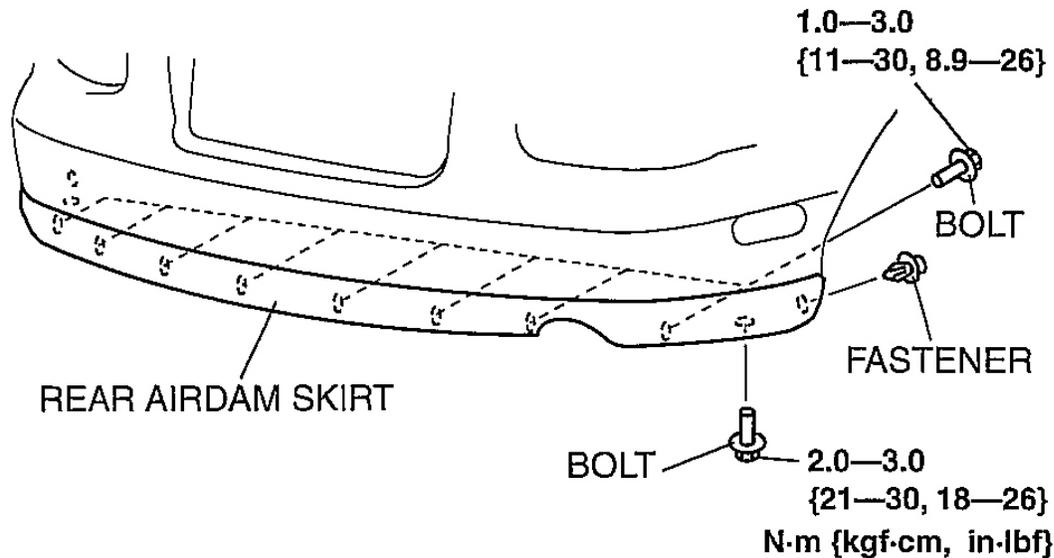


Fig. 79: Affixing Double-Sided Adhesive Tape To Rear Airdam Skirt
Courtesy of MAZDA MOTORS CORP.

4. Install the fasteners.
5. Install the rear airdam skirt to the rear bumper and temporarily install the screws.
6. Completely remove the tape backing and press to adhere.
7. Tighten the bolts.



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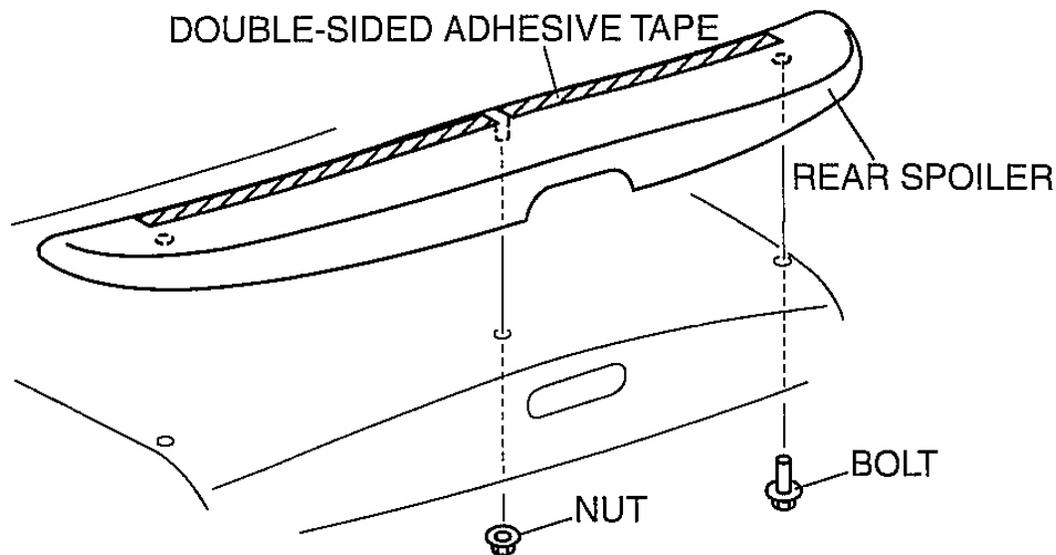
Fig. 80: Installing Rear Airdam Skirt (BP With TC) - With Torque Specifications
 Courtesy of MAZDA MOTORS CORP.

REAR SPOILER REMOVAL (BP WITH TC)

1. Remove the bolts and nut.
2. Remove the rear spoiler while cutting away the double-sided adhesive tape using a flathead screwdriver or cutter.

WARNING:

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



G03638884

Fig. 81: Removing Rear Spoiler (BP With TC)
 Courtesy of MAZDA MOTORS CORP.

REAR SPOILER INSTALLATION (BP WITH TC)

WARNING: • Using a cutter with bare hands can cause injury. Always wear gloves when using a cutter.

NOTE: • If installing a new rear spoiler, double-sided adhesive tape is already affixed to the spoiler.

1. If installing a new rear spoiler, perform the following procedure:
 1. Using a cutter, remove any remaining double-sided tape from the trunk lid.
 2. Remove any grease or dirt from the trunk lid affixing surface.
2. If reusing the rear spoiler, perform the following procedure:
 1. Using a cutter, remove any remaining double-sided tape from the rear spoiler and trunk lid.
 2. Remove any grease or dirt from the rear spoiler and trunk lid affixing surfaces.
 3. Affix double-sided adhesive tape to the rear spoiler as shown in the figure.
3. Peel back the tape backing **approx. 3 cm** from each end and fold towards the exposed surface of the rear spoiler.

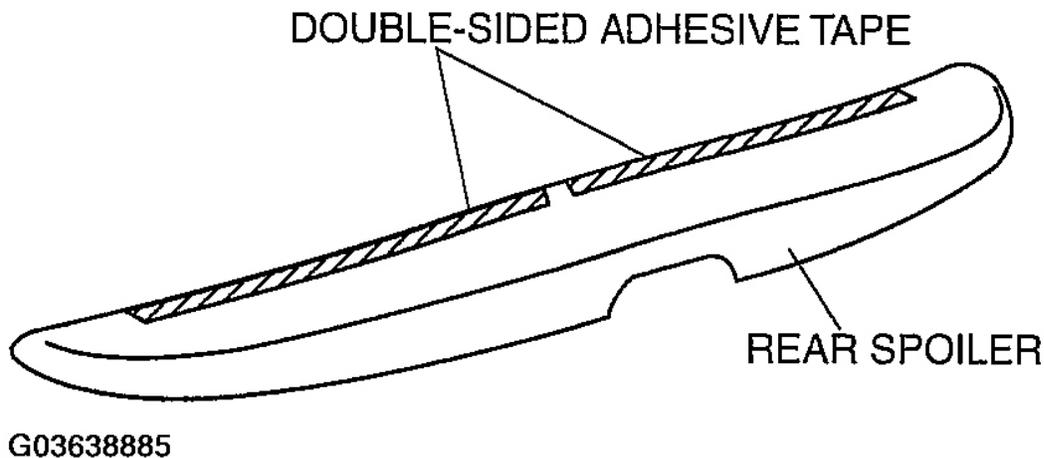


Fig. 82: Affixing Double-Sided Adhesive Tape To Rear Spoiler
Courtesy of MAZDA MOTORS CORP.

4. Install the rear spoiler to the trunk lid.
5. Completely remove the tape backing and press to adhere.
6. Tighten the bolts and nut.

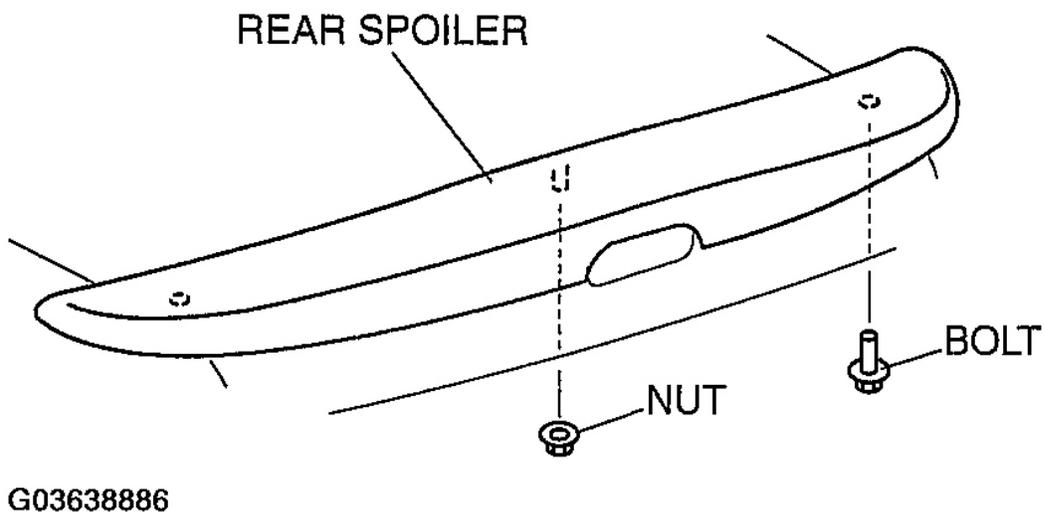


Fig. 83: Installing Rear Spoiler (BP With TC)
Courtesy of MAZDA MOTORS CORP.