

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:

Fuel Delivery: | Fuel:

1. Use a urethane adhesive systems which meet GM Specification GMW-15672

Warning: Refer to Glass and Sheet Metal Handling Warning.

2. Remove all mounds or loose pieces of urethane adhesive from the pinch-weld area.
3. If the original window is being reused, remove all but approximately 2 mm (3/64 in) of the existing bead of urethane adhesive from the pinch-weld using a clean utility knife or razor blade scraper.
4. Inspect for any of the following problems in order to help prevent future breakage of the window:

- High weld
- Solder spots on the pinchweld
- Hardened sealer
- Any other obstruction or irregularity in the pinch-weld flange

Note: If corrosion of the pinch-weld flange is present or if sheet metal repairs or replacements are required, the pinch-weld flange must be refinished in the bonding area strength. If paint repairs are required, mask the flange bonding area prior to applying the color coat in order to provide a clean primer. Materials such as BASF DE15®, DuPont 2610®, Sherwin-Williams PSE 4600 and NP70® and Martin-Semour 5120 and 5130® PPG DP90LF SPIES/3688/8590 – 3688/5150 – 4070/5090 STANDOX 11158/13320 – 14653/14980 products are approved for this application.

- After repairing the opening as indicated, perform the following steps:

1. Remove all traces of broken glass from the outer cowl panel, seats, floor and defroster ducts.
2. Clean around the edge of the inside surface of the window with a 50/50 mixture of isopropyl alcohol and water by volume on a dampened lint

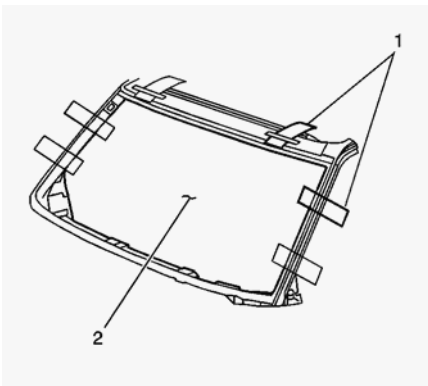
Warning: Refer to Window Retention Warning.

- Verify all primers and urethane adhesive are within expiration dates.

Warning: Failure to prep the area prior to the application of primer may cause insufficient bonding of urethane adhesive. Insufficient bonding of urethane allow unrestrained occupants to be ejected from the vehicle resulting in personal injury.

Note: Do not apply the black primer to the existing bead of the urethane adhesive on the pinch-weld flange. Apply the primer only to nicks, scratches, surfaces.

- Shake the pinch-weld primer black for at least 1 minute.
- Use a new dauber in order to apply the primer to the surface of the pinch-weld flange.
- Allow the pinch-weld primer to dry for approximately 10 minutes.
- With the aid of an assistant, dry fit the window to the opening in order to determine the correct position.



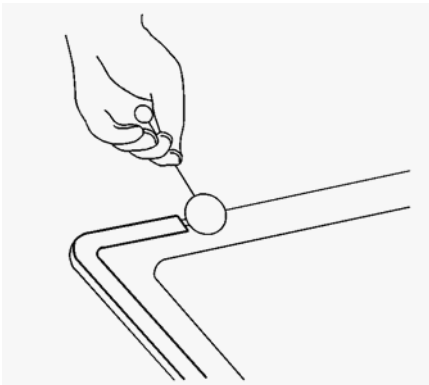
- Use masking tape in order to mark the locations (1) of the window (2) in the opening.
- Cut the masking tape in the center and remove the window from the opening.



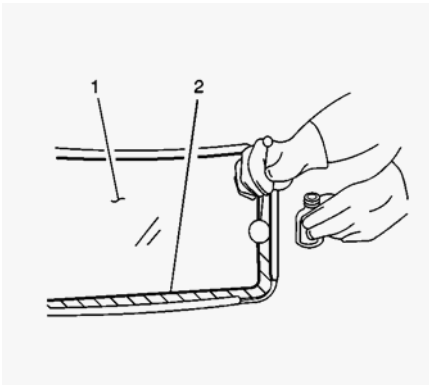
Note: Use care when applying glass prep clear on the window. This primer dries almost instantly, and may stain the viewing area of the window if not applied correctly.

Note: Use the existing window as a guide for the outline of the urethane primers.

- Use a new dauber in order to apply glass prep clear to the area approximately 10–16 mm (3/8–5/8 in) around the entire perimeter of the window. Immediately wipe the glass primed area using a clean, lint-free cloth.

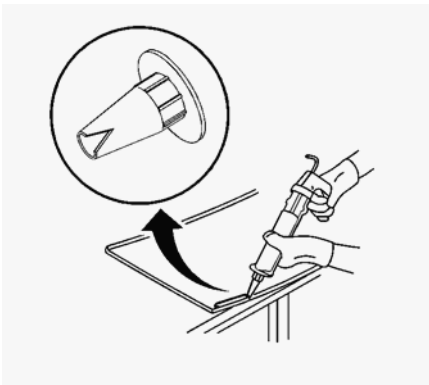


- Apply a second coat of the glass prep clear to the same area of the glass.

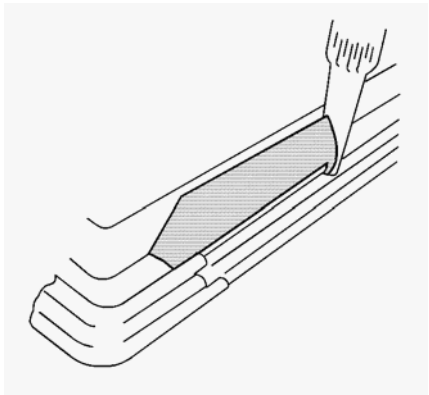


Note: The glass primer black is effective up to 8 hours after applying it to the glass. The primed surface of the glass must be kept clean.

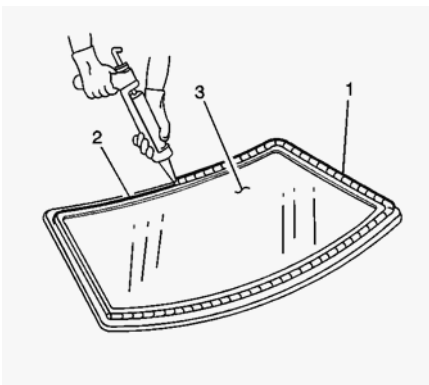
- Shake the glass primer black for at least 1 minute.
- Use a new dauber in order to apply the glass primer black to the same areas (2) that glass prep clear was applied.
- Allow the glass primer to dry for approximately 10 minutes.



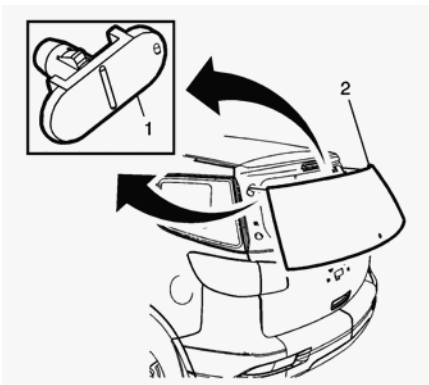
- Cut the applicator nozzle in order to provide a bead of 8 mm (0.316 in) wide and 12.7 mm minimum (1/2 in) high.



- Use a cartridge-type caulking gun in order to apply a smooth, continuous bead of urethane adhesive.

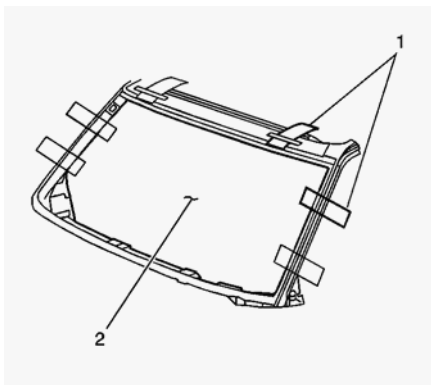


- Use the edge of the window as a guide for the nozzle in order to apply the urethane adhesive (1) to the inner surface of the window (3).



Note: If the locator pins were cut off the corners window it will be necessary to tape the liftgate window in place.

- With an assistant, align the window (1) and locator pins (2) to the locator slots in each corner of the upper pinch-weld flange, set the window (1)



- Align the masking tape (1) lines on the window (2) and the body.



- Press the window firmly into place, 1 mm (0.039 in) below surface.
- Tape the window to the body in order to minimize movement until the urethane adhesive cures.



- Clean any excess urethane adhesive from the body.



Note: Do not direct a hard stream of high pressure water to the freshly applied urethane adhesive.

- Use a soft spray of warm water in order to immediately water test the window.
- Inspect the window for leaks.
- If any leaks are found, use a plastic paddle in order to apply extra urethane adhesive at the leak point.
- Retest the window for leaks.

Warning: Insufficient curing of urethane adhesive may allow unrestrained occupants to be ejected from the vehicle resulting in personal injury.

- For the moisture-curing type of urethane adhesive, allow a minimum of 6 hours at 21°C (70°F) or greater and with at least 30 percent relative humidity for the complete curing of the urethane adhesive.
- For the chemical-curing type of urethane adhesive, allow a minimum of 1 hour .

Do NOT physically disturb the repair area until after these minimum times have elapsed.

- Maintain the following conditions in order to properly cure the urethane adhesive:
 - Partially lower a door window in order to prevent pressure buildups when closing doors before the urethane adhesive cures.
 - Do not drive the vehicle until the urethane adhesive is cured. Refer to the above curing times.
 - Do not use compressed air in order to dry the urethane adhesive.
- Complete the window installation. Refer to Liftgate Window Replacement.

2013 Chevrolet Colorado

Submodel: | **Engine Type:** | **Liters:**
Fuel Delivery: | **Fuel:**

1. Use a urethane adhesive systems which meet GM Specification GMW-15672

Warning: Refer to Glass and Sheet Metal Handling Warning.

2. Remove all mounds or loose pieces of urethane adhesive from the pinch-weld area.
3. If the original window is being reused, remove all but approximately 2 mm (3/64 in) of the existing bead of urethane adhesive from the pinch-weld using a clean utility knife or razor blade scraper.
4. Inspect for any of the following problems in order to help prevent future breakage of the window:

- High weld
- Solder spots on the pinchweld
- Hardened sealer
- Any other obstruction or irregularity in the pinch-weld flange

Note: If corrosion of the pinch-weld flange is present or if sheet metal repairs or replacements are required, the pinch-weld flange must be refinished in the bonding area strength. If paint repairs are required, mask the flange bonding area prior to applying the color coat in order to provide a clean primer. Materials such as BASF DE15®, DuPont 2610®, Sherwin-Williams PSE 4600 and NP70® and Martin-Semour 5120 and 5130® PPG DP90LF SPIES/3688/8590 – 3688/5150 – 4070/5090 STANDOX 11158/13320 – 14653/14980 products are approved for this application.

- After repairing the opening as indicated, perform the following steps:

1. Remove all traces of broken glass from the outer cowl panel, seats, floor and defroster ducts.
2. Clean around the edge of the inside surface of the window with a 50/50 mixture of isopropyl alcohol and water by volume on a dampened lint

Warning: Refer to Window Retention Warning.

- Verify all primers and urethane adhesive are within expiration dates.

Warning: Failure to prep the area prior to the application of primer may cause insufficient bonding of urethane adhesive. Insufficient bonding of urethane allow unrestrained occupants to be ejected from the vehicle resulting in personal injury.

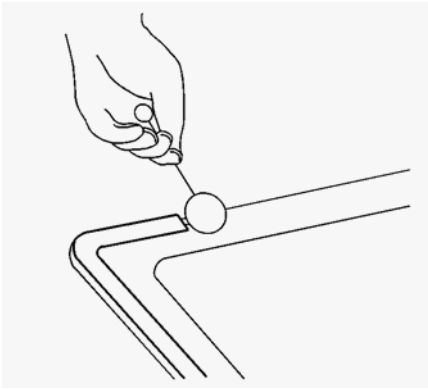
Note: Do not apply the black primer to the existing bead of the urethane adhesive on the pinch-weld flange. Apply the primer only to nicks, scratches, surfaces.

- Shake the pinch-weld primer black for at least 1 minute.
- Use a new dauber in order to apply the primer to the surface of the pinch-weld flange.
- Allow the pinch-weld primer to dry for approximately 10 minutes.
- With the aid of an assistant, dry fit the window to the opening in order to determine the correct position.
- Use masking tape in order to mark the locations (1) of the window (2) in the opening.
- Cut the masking tape in the center and remove the window from the opening.



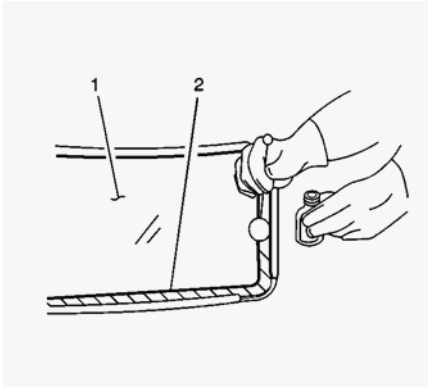
Note: Use care when applying glass prep clear on the window. This primer dries almost instantly, and may stain the viewing area of the window if not

- Use a new dauber in order to apply glass prep clear to the area approximately 10–16 mm (3/8–5/8 in) around the entire perimeter of the window. Immediately wipe the glass primed area using a clean, lint-free cloth.



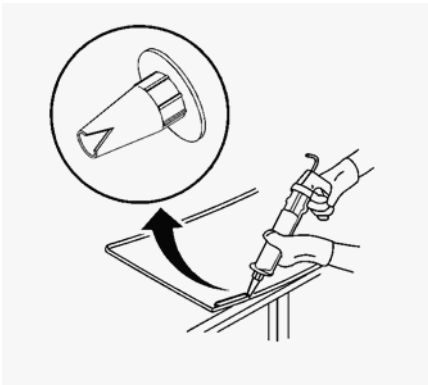
Note: Use the existing window as a guide for the outline of the urethane primers.

- Apply a second coat of the glass prep clear to the same area of the glass.

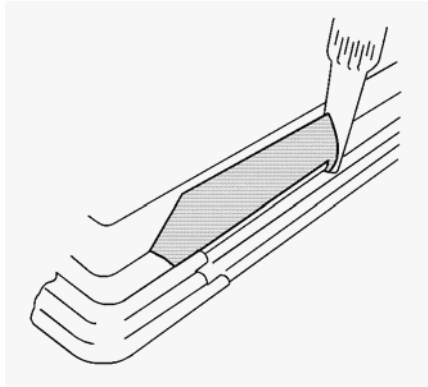


Note: The glass primer black is effective up to 8 hours after applying it to the glass. The primed surface of the glass must be kept clean.

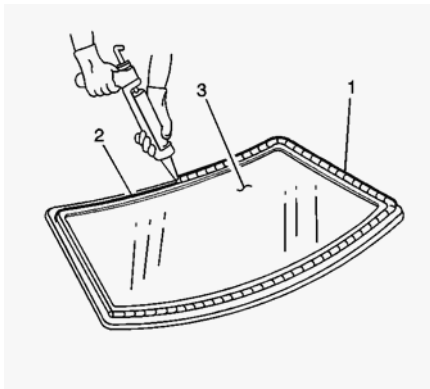
- Shake the glass primer black for at least 1 minute.
- Use a new dauber in order to apply the glass primer black to the same areas (2) that glass prep clear was applied.
- Allow the glass primer to dry for approximately 10 minutes.



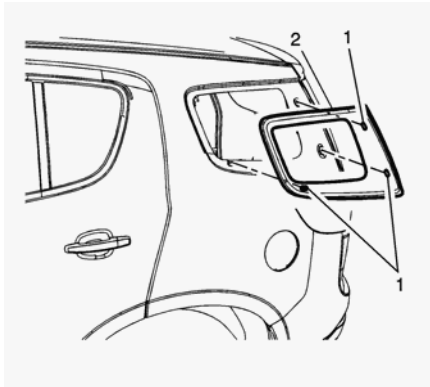
- Cut the applicator nozzle in order to provide a bead of 8 mm (0.316 in) wide and 12.7 mm minimum (1/2 in) high.



- Use a cartridge-type caulk gun in order to apply a smooth, continuous bead of urethane adhesive.

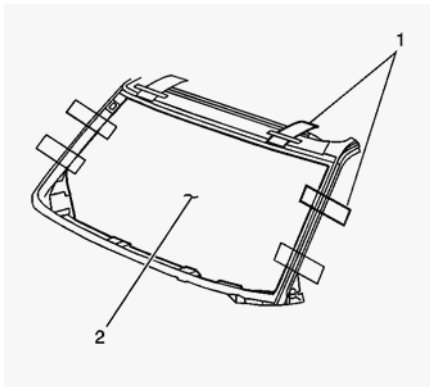


- Use the edge of the window as a guide for the nozzle in order to apply the urethane adhesive (1) to the inner surface of the window (3).



Note: If the locator pins were cut off the corners of window it will be necessary to tape the window in place.

- Align the locator pins (1) to the locator slots in each corner of the pinch-weld flange, set the window (2) in place.



- Align the masking tape (1) lines on the window (2) and the body.



- Press the window firmly into place, 1 mm (0.039 in) below surface.
- Tape the window to the body in order to minimize movement until the urethane adhesive cures.



- Clean any excess urethane adhesive from the body.



Note: Do not direct a hard stream of high pressure water to the freshly applied urethane adhesive.

- Use a soft spray of warm water in order to immediately water test the window.
- Inspect the window for leaks.
- If any leaks are found, use a plastic paddle in order to apply extra urethane adhesive at the leak point.
- Retest the window for leaks.

Warning: Insufficient curing of urethane adhesive may allow unrestrained occupants to be ejected from the vehicle resulting in personal injury.

- For the moisture-curing type of urethane adhesive, allow a minimum of 6 hours at 21°C (70°F) or greater and with at least 30 percent relative humidity for the complete curing of the urethane adhesive.
- For the chemical-curing type of urethane adhesive, allow a minimum of 1 hour.

Do NOT physically disturb the repair area until after these minimum times have elapsed.

- Maintain the following conditions in order to properly cure the urethane adhesive:
- Partially lower a door window in order to prevent pressure buildups when closing doors before the urethane adhesive cures.
- Do not drive the vehicle until the urethane adhesive is cured. Refer to the above curing times.
- Do not use compressed air in order to dry the urethane adhesive.
- Complete the window installation.

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Warning: Refer to Glass and Sheet Metal Handling Warning.

1. Use a urethane adhesive systems which meet GM Specification GMW-15672.
2. Remove all mounds or loose pieces of urethane adhesive from the pinch-weld area.
3. If the original window is being reused, remove all but approximately 2 mm (3/64 in) of the existing bead of urethane adhesive from the pinch-window by using a clean utility knife or razor blade scraper.
4. Inspect for any of the following problems in order to help prevent future breakage of the window:

- High weld
- Solder spots
- Hardened sealer
- Any other obstruction or irregularity in the pinch-weld flange

Note: If corrosion of the pinch-weld flange is present or if sheet metal repairs or replacements are required, the pinch-weld flange must be refinished in the bonding area strength. If paint repairs are required, mask the flange bonding area prior to applying the color coat in order to provide a clean primer. Materials such as BASF DE15®, DuPont 2610®, Sherwin-Williams PSE 4600 and NP70® and Martin-Semour 5120 and 5130® PPG DP90LF SPIES/3688/8590 – 3688/5150 – 4070/5090 STANDOX 11158/13320 — 14653/14980 products are approved for this application.

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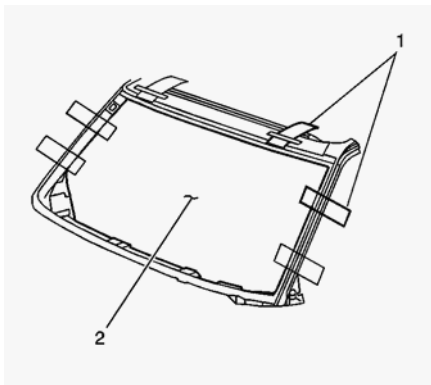
Warning: Refer to Window Retention Warning.

- Verify all primers and urethane adhesive are within expiration dates.

Warning: Failure to prep the area prior to the application of primer may cause insufficient bonding of urethane adhesive. Insufficient bonding of urethane allow unrestrained occupants to be ejected from the vehicle resulting in personal injury.

Note: Do not apply the black primer to the existing bead (1) of the urethane adhesive on the pinch-weld flange. Apply the primer only to nicks, scratch surfaces.

- Shake the pinch-weld primer black for at least 1 minute.
- Use a new dauber in order to apply the primer to the surface of the pinch-weld flange (2).
- Allow the pinch-weld primer to dry for approximately 10 minutes.
- With an assistant, dry fit the window (2) to the opening in order to determine the correct position.
- Ensure that the locator pins (1) are positioned into the locator slots on the upper pinch-weld flange.

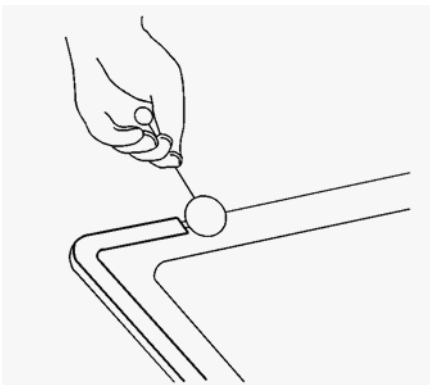


- Use masking tape 91) to mark the locations of the window (2) in the opening.
- Cut the masking in the center and remove the window from the opening.

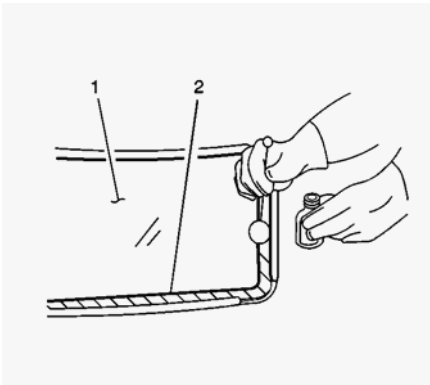


Note: Use care when applying glass prep clear on the window. This primer dries almost instantly, and may stain the viewing area of the window if not applied correctly.

- Use a new dauber in order to apply glass prep clear to the area approximately 18 mm (0.71 in) around the entire perimeter of the window inner surface. Immediately wipe the glass primed area using a clean, lint-free cloth.

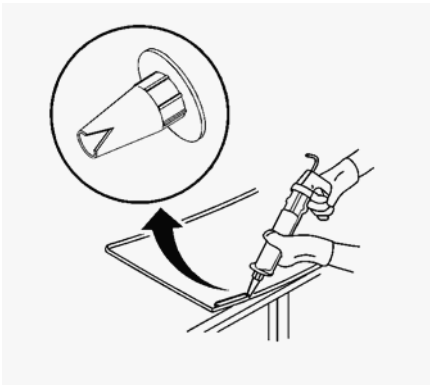


- Apply a second coat of the glass prep clear to the same area of the glass.

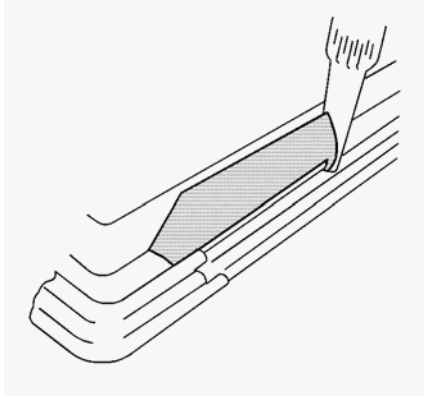


Note: The glass primer black is effective up to 8 hours after applying it to the glass. The primed surface of the glass must be kept clean.

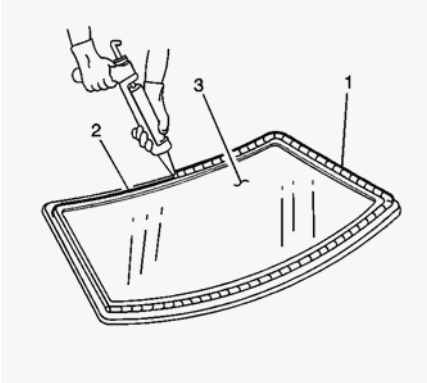
- Shake the glass primer black for at least 1 minute.
- Use a new dauber in order to apply the glass primer black to the same areas (2) that glass prep clear was applied.
- Allow the glass primer to dry for approximately 10 minutes.



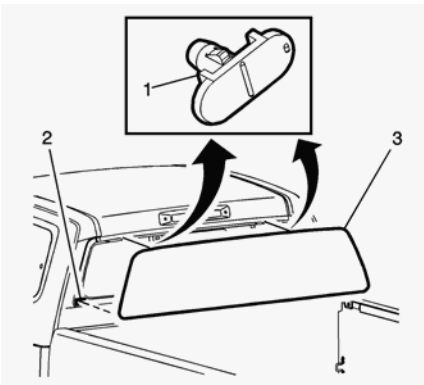
- Cut the applicator nozzle in order to provide a minimum urethane bead of 8 mm (0.31 in) wide and 16 mm (0.63 in) high.



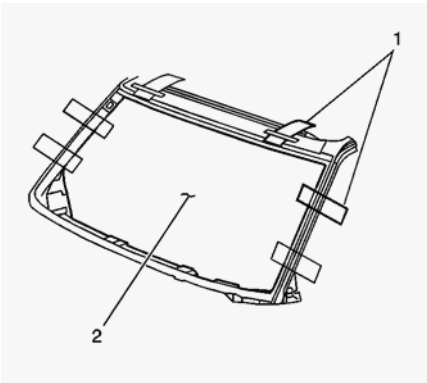
- Use a cartridge-type caulking gun in order to apply a smooth, continuous bead of urethane adhesive.



- Use the edge of the window as a guide for the nozzle in order to apply the urethane adhesive (1) to the inner surface of the window (3).



- With the aid of an assistant, place the window (2) and locator (1) in the opening.



- Align the masking tape (1) lines on the window (2) and the body.



Note: To prevent damage to the window due to objects impacting an exposed edge, upon installation, the window must rest 1 mm (0.040 in) below the sheet metal.

- Press firmly around the entire periphery of the window in order to wet-out the urethane bead.
- Tape the window to the body in order to minimize movement until the urethane adhesive cures.



- Clean any excess urethane adhesive from the body.



Note: Do not direct a hard stream of high pressure water to the freshly applied urethane adhesive.

- Use a soft spray of warm water in order to immediately water test the window.
- Inspect the window for leaks.
- If any leaks are found, use a plastic paddle in order to apply extra urethane adhesive at the leak point.
- Retest the window for leaks.

Warning: Insufficient curing of urethane adhesive may allow unrestrained occupants to be ejected from the vehicle resulting in personal injury.

- For the moisture-curing type of urethane adhesive, allow a minimum of 6 hours at 21°C (70°F) or greater and with at least 30 percent relative humidity for the complete curing of the urethane adhesive.
- For the chemical-curing type of urethane adhesive, allow a minimum of 1 hour.

Do NOT physically disturb the repair area until after these minimum times have elapsed.

- Maintain the following conditions in order to properly cure the urethane adhesive:
 - Partially lower a door window in order to prevent pressure buildups when closing doors before the urethane adhesive cures.
 - Do not drive the vehicle until the urethane adhesive is cured. Refer to the above curing times.
 - Do not use compressed air in order to dry the urethane adhesive.
 - Complete the window installation.

2013 Chevrolet Colorado

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1. Use a urethane adhesive systems which meet GM Specification GMW-15672
2. Remove all mounds or loose pieces of urethane adhesive from the pinch-weld area.
3. If the original window is being reused, remove all but approximately 2 mm (3/64 in) of the existing bead of urethane adhesive from the pinch-weld surface and window by using a clean utility knife or razor blade scraper.
4. Inspect for any of the following problems in order to help prevent future breakage of the window:

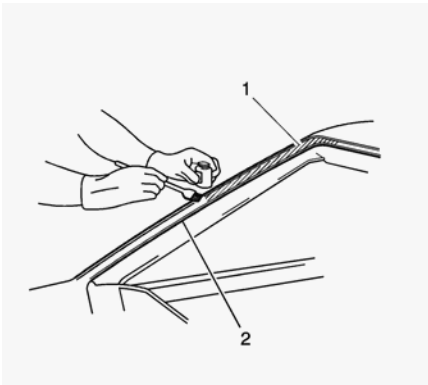
- High weld
- Solder spots
- Hardened sealer
- Any other obstruction or irregularity in the pinch-weld flange

Note: If corrosion of the pinch-weld flange is present or if sheet metal repairs or replacements are required, the pinch-weld flange must be refinished in the bonding area strength. If paint repairs are required, mask the flange bonding area prior to applying the color coat in order to provide a clean primer. Materials such as BASF DE15®, DuPont 2610®, Sherwin-Williams PSE 4600 and NP70® and Martin-Semour 5120 and 5130® PPG DP90LF SPIES/3688/8590 – 3688/5150 – 4070/5090 STANDOX 11158/13320 – 14653/14980 products are approved for this application.

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 1. Remove all traces of broken glass from the outer cowl panel, seats, floor, and defroster ducts.
 2. Clean around the edge of the inside surface of the window with a 50/50 mixture of isopropyl alcohol and water by volume on a dampened lint

Warning: Refer to Window Retention Warning.

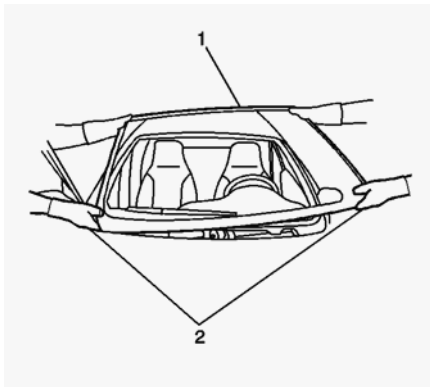
- Verify all primers and urethane adhesive are within expiration dates.



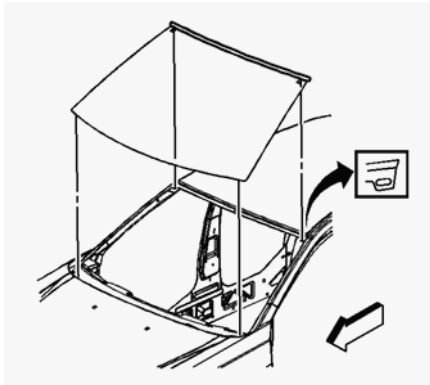
Warning: Failure to prep the area prior to the application of primer may cause insufficient bonding of urethane adhesive. Insufficient bonding of urethane allow unrestrained occupants to be ejected from the vehicle resulting in personal injury.

Note: Do not apply the black primer to the existing bead (1) of the urethane adhesive on the pinch-weld flange. Apply the primer only to nicks, scratch surfaces.

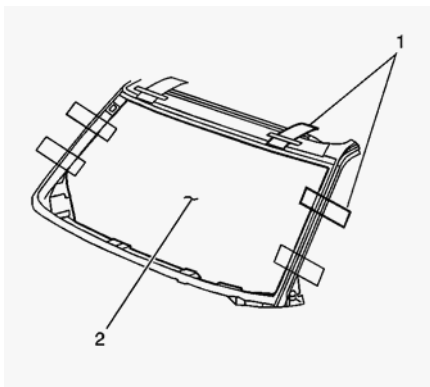
- Shake the pinch-weld primer black for at least 1 minute.
- Use a new dauber in order to apply the primer to the surface of the pinch-weld flange (1).
- Allow the pinch-weld primer to dry for approximately 10 minutes.



- With an assistant, dry fit the window (1) to the opening in order to determine the correct position.



- If equipped, ensure that the windshield locator pins are positioned into the locator slots on the upper pinch-weld flange. Ensure that the windshield spacer stay in place when removing the window.

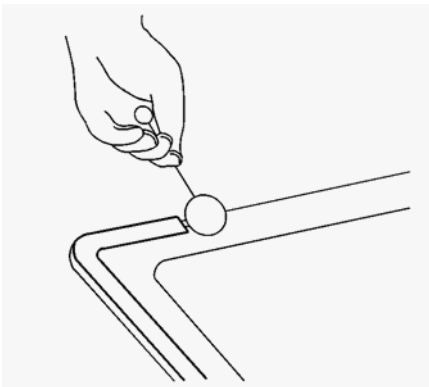


- Use masking tape in order to mark the locations (1) of the window (2) in the opening.
- Cut the masking tape in the center and remove the window from the opening.

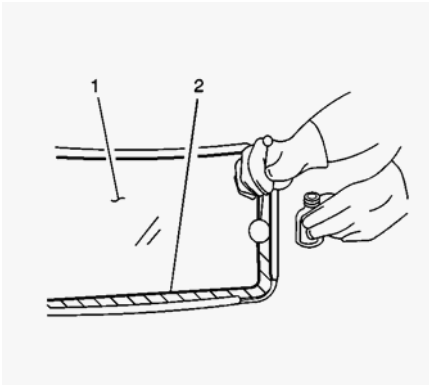


Note: Use care when applying glass prep clear on the window. This primer dries almost instantly, and may stain the viewing area of the window if not applied correctly.

- Use a new dauber in order to apply glass prep clear to the area approximately 18 mm (0.71 in) around the entire perimeter of the window inner surface. Immediately wipe the glass primed area using a clean, lint-free cloth.

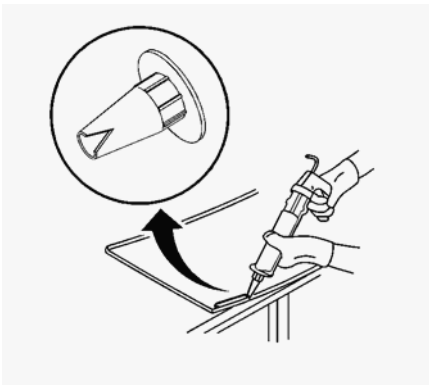


- Apply a second coat of the glass prep clear to the same area of the glass.

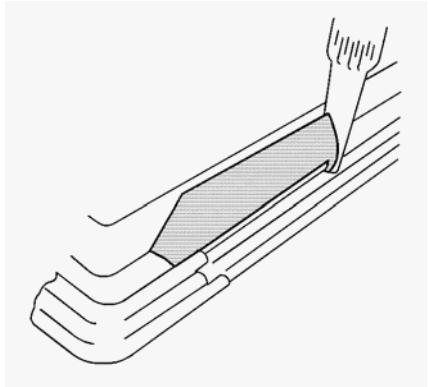


Note: The glass primer black is effective up to 8 hours after applying it to the glass. The primed surface of the glass must be kept clean.

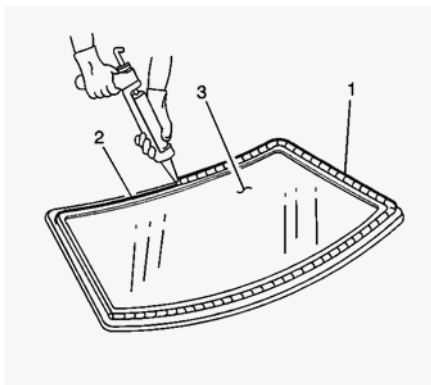
- Shake the glass primer black for at least 1 minute.
- Use a new dauber in order to apply the glass primer black to the same areas (2) that glass prep clear was applied.
- Allow the glass primer to dry for approximately 10 minutes.



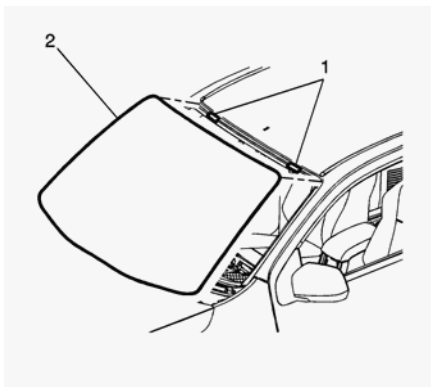
- Cut the applicator nozzle in order to provide a minimum urethane bead of 8 mm (0.31 in) wide and 16 mm (0.63 in) high.



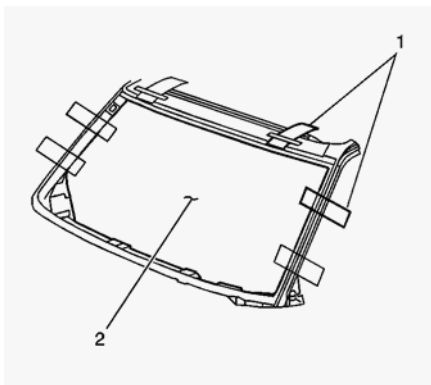
- Use a cartridge-type caulking gun in order to apply a smooth, continuous bead of urethane adhesive.



- Use the edge of the window as a guide for the nozzle in order to apply the urethane adhesive (1) to the inner surface of the window (3).



- With an assistant, place the window (2) in the opening.



- Align the masking tape (1) lines on the window (2) and the body.



Note: To prevent damage to the window due to objects impacting an exposed edge, upon installation, the window must rest 1 mm (0.04 in) below the sheet metal.

- Press firmly around the entire periphery of the windshield in order to wet-out the urethane bead.
- Tape the window to the body in order to minimize movement until the urethane adhesive cures.



- Clean any excess urethane adhesive from the body.



Note: Do not direct a hard stream of high pressure water to the freshly applied urethane adhesive.

- Use a soft spray of warm water in order to immediately water test the window.
- Inspect the window for leaks.
- If any leaks are found, use a plastic paddle in order to apply extra urethane adhesive at the leak point.
- Retest the window for leaks.

Warning: Insufficient curing of urethane adhesive may allow unrestrained occupants to be ejected from the vehicle resulting in personal injury.

- For the moisture-curing type of urethane adhesive, allow a minimum of 6 hours at 21°C (70°F) or greater and with at least 30 percent relative humidity for the complete curing of the urethane adhesive.
- For the chemical-curing type of urethane adhesive, allow a minimum of 1 hour .

Do NOT physically disturb the repair area until after these minimum times have elapsed.

- Maintain the following conditions in order to properly cure the urethane adhesive:
 - Partially lower a door window in order to prevent pressure buildups when closing doors before the urethane adhesive cures.
 - Do not drive the vehicle until the urethane adhesive is cured. Refer to the above curing times.
 - Do not use compressed air in order to dry the urethane adhesive.
 - Complete the window installation.

2013 Chevrolet Colorado

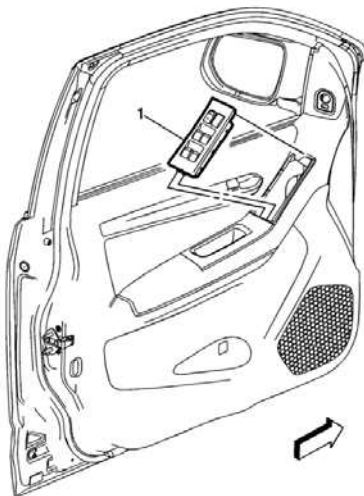
Submodel: | Engine Type: | Liters:

Fuel Delivery: | Fuel:

Warning: If a window is cracked but still intact, crisscross the window with masking tape in order to reduce the risk of damage or personal injury.

2013 Chevrolet Colorado

Submodel: | **Engine Type:** | **Liters:**
Fuel Delivery: | **Fuel:**



Door Lock and Side Window Switch Replacement - Driver Side

Callout

Component Name

Preliminary Procedure

Remove the front side door trim panel. Refer to Front Side Door Trim Panel Replacement.

Door Lock and Side Window Switch Assembly

Procedure

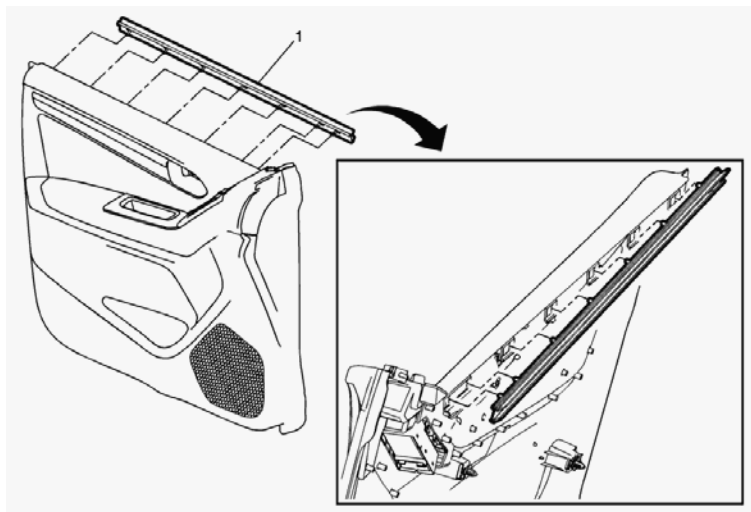
1

1. Use the appropriate plastic trim tool to release the door lock and side window switch assembly from the door trim par
2. Disconnect the electrical connector from the switch assembly.
3. Refer to Power Window Reinitialization to configure auto express function.

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:

Fuel Delivery: | Fuel:



Front Side Door Window Inner Sealing Strip Replacement

Callout

Component Name

Preliminary Procedure

Remove the front side door trim panel. Refer to Front Side Door Trim Panel Replacement.

Front Side Door Window Inner Sealing Strip Assembly

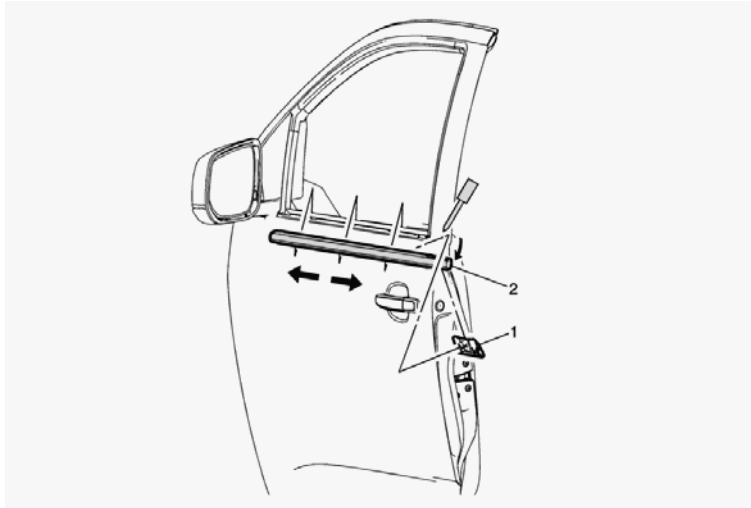
1

Procedure

Pull outward to disengage sealing strip from door trim panel.

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:
Fuel Delivery: | Fuel:



Front Side Door Window Outer Sealing Strip Replacement

Callout

Front Side Door Outer Sealing Strip Retainer

Procedure

1

1. Place the window in the full down position.
2. Place masking tape along the bottom edge of the molding when using the suitable tool.
3. Insert a suitable tool at the rear edge of the outer sealing strip and the lower edge of the door frame, turn the tool releasing the outer sealing seal. Pull upward and away from the pinchweld flange.

Front Side Door Outer Sealing Strip

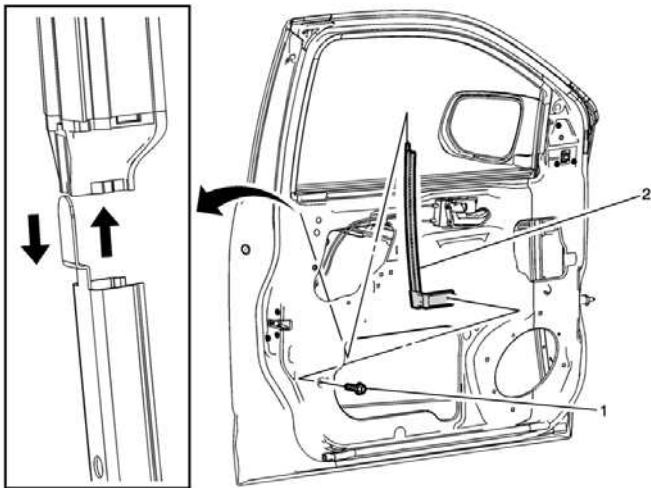
Procedure

2

1. Insert the retaining clip into the rear hole of the rear door and push down firmly to lock in place.
2. Use hand pressure in order to firmly seat the front door outer sealing strip on the pinch-weld flange.
3. Inspect the door window for proper operation.

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:
Fuel Delivery: | Fuel:



Front Side Door Window Rear Channel Replacement

Callout
Preliminary Procedures

1. Place the window in the full down position.
2. Remove the front side door trim panel. Refer to Front Side Door Trim Panel Replacement.

Front Side Door Window Rear Channel Bolt

Caution: Refer to Fastener Caution.

Procedure

- | | |
|---|--|
| 1 | <ol style="list-style-type: none">1. Remove the water deflector.2. Remove the weatherstrip from the front side door window rear channel.3. Pull downward on the lower section of the rear channel releasing the tab connecting the lower to the upper. |
|---|--|

Tighten

10 Y (89 lb in)

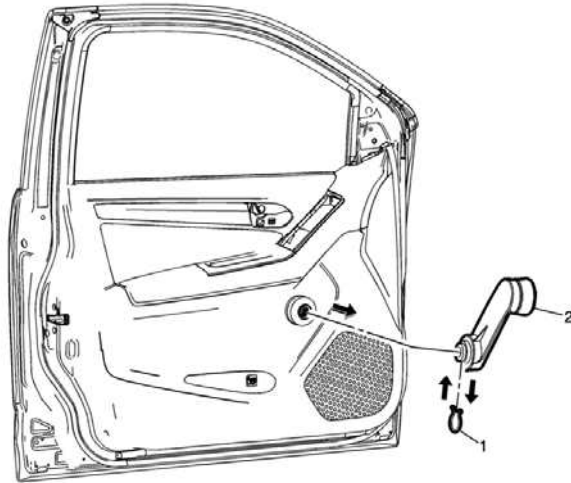
- | | |
|---|--------------------------------|
| 2 | Front Door Window Rear Channel |
|---|--------------------------------|

Note: Inspect the window for proper operation before installing the door trim.

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:

Fuel Delivery: | Fuel:



Front Side Door Window Regulator Handle Replacement

Callout

Component Name

Front Side Door Window Regulator Handle Clip

Procedure

Use the *GE-50886* puller, to remove the front side door handle clip.

Special Tools

GE-50886 Door Lifter Device Puller

For equivalent regional tools, refer to Special Tools.

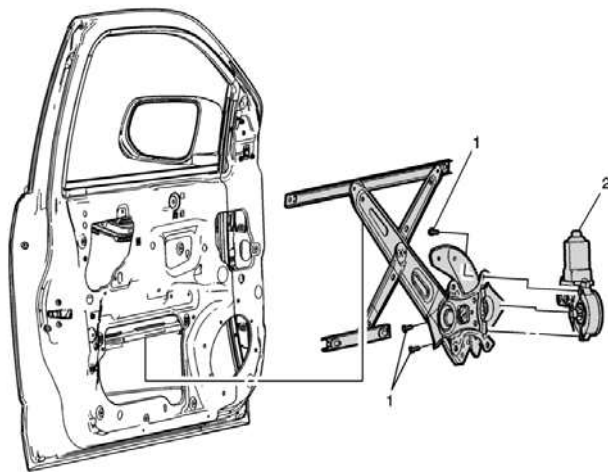
1

Front Side Door Window Regulator Handle

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:

Fuel Delivery: | Fuel:



Front Side Door Window Regulator Motor Replacement

Callout

Component Name

Preliminary Procedures

Remove the front side door window regulator. Refer to Front Side Door Window Regulator Replacement.

Front Side Door Window Regulator Motor Screws (Qty: 3)

Caution: Refer to Fastener Caution.

1

Tighten

5 Y (44 lb in)

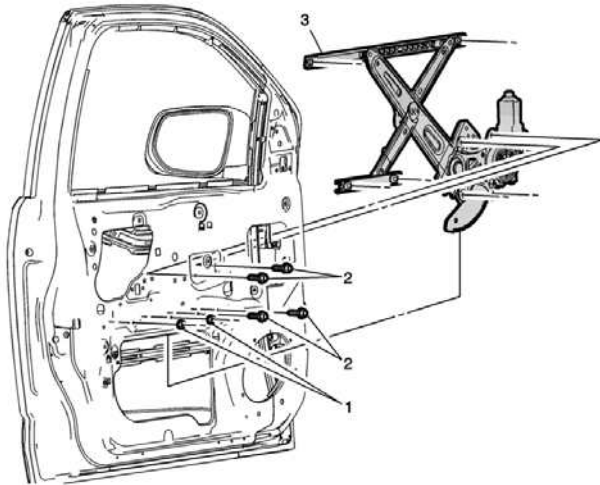
Front Side Door Window Regulator Motor

2

Note: Inspect the window for proper operation, before installing the door trim.

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:
Fuel Delivery: | Fuel:



Front Side Door Window Regulator Replacement

Callout

Component Name

Warning: Disconnect the power window switch when working inside the door. When operated, the Express Up/Down Feature allows the door window to move very quickly, without stopping, which could cause personal injury.

Preliminary Procedures

1. Position window approximately half way down in the door.
2. Remove the front side door window regulator to window bolts. Do not remove the window, tape the window in the full up position after removing the bolts. Refer to Front Side Door Window Replacement.

Front Side Door Window to Power Regulator Lower Guide Nuts (Qty: 2)

1

Caution: Refer to Fastener Caution.

Tighten

10 Y (89 lb in)

Front Side Door Window to Power Regulator Bolts (Qty: 4)

2

Tighten

10 Y (89 lb in)

Front Side Door Window Power Regulator

Procedure

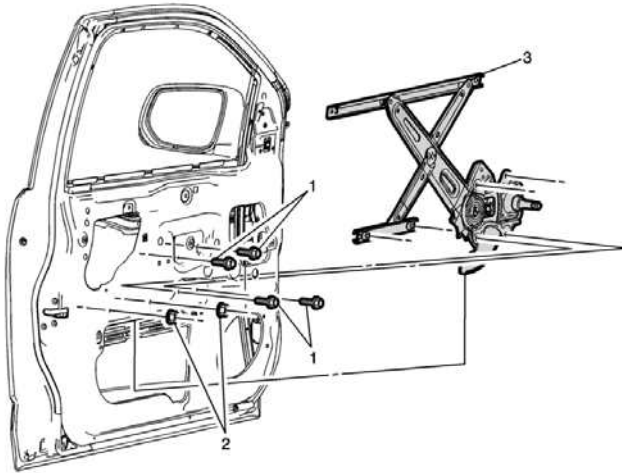
3

1. Disconnect the electrical connector.
2. Transfer all parts as necessary.

Note: Inspect the window for proper operation, before installing the door trim.

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:
Fuel Delivery: | Fuel:



Front Side Door Window Regulator Replacement

Callout

Component Name

Preliminary Procedures

1. Position window approximately half way down in the door.
2. Remove the front side door window regulator to window bolts. Do not remove the window, tape the window in the full up position after removing the bolts. Refer to Front Side Door Window Replacement.

Front Side Door Manual Window Regulator Bolt (Qty: 4)

Caution: Refer to Fastener Caution.

1

Tighten

10 Y (89 lb in)

Front Side Door Manual Window Regulator Lower Guide Nut (Qty: 2)

2

Tighten

10 Y (89 lb in)

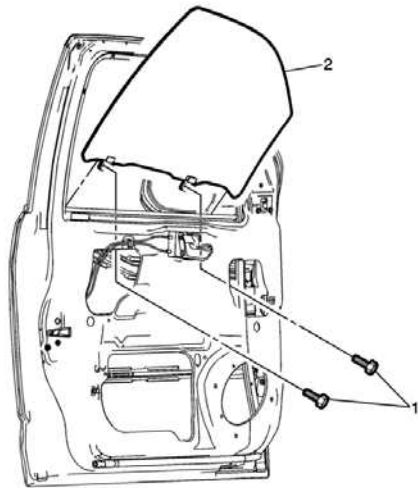
Front Side Door Manual Window Regulator

3

Note: Inspect the door window before install the door trim.

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:
Fuel Delivery: | Fuel:

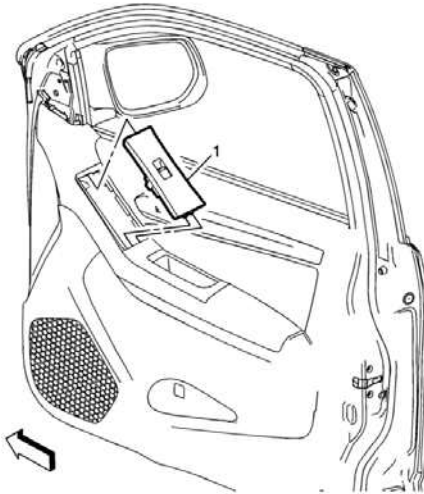


Front Side Door Window Replacement

Callout	Component Name
Preliminary Procedures	
Remove the front side door window rear channel. Loosen the bolt enough to move the window out of the channel. Refer to Front Side Door Window Rear Channel Replacement.	
Front Side Door Window Regulator to Window Bolts (Qty: 2)	
Caution: Refer to Fastener Caution.	
Procedure	
1	1. Remove the water deflector.
	2. Using masking tape, tape off the outer door frame to prevent scratches.
	3. Adjust the window to view the window regulator to window bolts through the openings in the inner door panel.
	4. Lift upward on the window.
	5. Rotate the front door window as necessary to remove it from the door.
Tighten	
10 Y (89 lb in)	
2	Front Side Door Window
	Note: Inspect the window for proper operation before installing the trim.

2013 Chevrolet Colorado

Submodel: | **Engine Type:** | **Liters:**
Fuel Delivery: | **Fuel:**



Front Side Door Window Switch Replacement

Callout

Component Name

Preliminary Procedure

Remove the front side door trim panel. Refer to Front Side Door Trim Panel Replacement.

Front Side Door Window Switch Assembly

Procedure

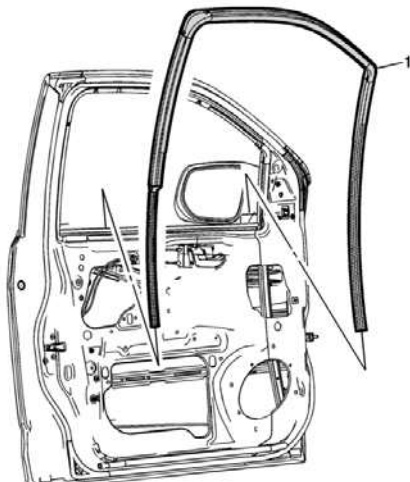
1

1. Use the appropriate plastic trim tool to release the front side door window switch assembly from the door trim panel.
2. Disconnect the electrical connector from the switch assembly.
3. Refer to Power Window Reinitialization to configure auto express function.

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:

Fuel Delivery: | Fuel:



Front Side Door Window Weatherstrip Replacement

Callout

Component Name

Preliminary Procedures

Remove front side door trim panel. Refer to Front Side Door Trim Panel Replacement.

Front Side Door Window Weatherstrip

Procedures

1. Place the window in the full down position.
2. Grasping the rear upper corner of the front door window weatherstrip, pull down on the weatherstrip and out of the channel.
3. Position the window weatherstrip in the upper rear corner of the frame, work the weatherstrip around the frame.
4. Insert the weatherstrip downward in the front and rear channel until fully seated.
5. Carefully move the regulator upward for short slow intervals, while ensuring that the window remains in the channels.
6. Inspect the door window for proper operation before installing the door trim panel.

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:

Fuel Delivery: | Fuel:

Use only the full cut method, also known in the field as full strip method, when installing windows.

This method includes the following:

- The replacement of a majority of the urethane adhesive bead. Remove all but approximately 2 mm (3/64 in) of the existing bead of urethane adhesive from the pinch-weld flange.
- Apply pinch-weld primer to any exposed painted areas on the pinch-weld flange.

No mounds or loose pieces of urethane adhesive should remain on the pinch-weld flange. Do not remove all traces of urethane adhesive.

Important:

- If corrosion of the pinch-weld flange is present, or if sheet metal repairs or replacements are required, refinish the pinch-weld flange in order to present a clean, primer-only surface.
- If paint repairs are required, mask the flange bonding area, prior to applying the color coat, in order to provide a clean, primer-only surface.
- Appropriate materials for these primer applications are typically 2 component catalyzed products. Use materials such as BASF DE15®, DuPont 2610®, Sherwin-Williams PSE 4600 and NP70® and Martin-Semour 5120 ,5130® , PPG DP90LF SPIES/HECKER 3688/8590 – 3688/5150 – 4070/5090 STANDOX 11158/13320 – 14653/14980 products are approved for this application. Follow the manufacturer's directions for the mix, the application, and the drying times.
- After repairing the opening as indicated, shake the pinch-weld primer black well. Using a new dauber, apply the primer to the primed surface of the flange in the bonding area. Allow the primer to dry for 10 minutes.

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:

Fuel Delivery: | Fuel:

Important:

- If corrosion of the pinch-weld flange is present, or if sheet metal repairs or replacements are required, refinish the pinch-weld flange in order to present a clean, primer-only surface.
- If paint repairs are required, mask the flange bonding area, prior to applying the color coat, in order to provide a clean, primer-only surface.
- Use appropriate solvents, approved by GM for this application.
- After repairing the opening as indicated, use adhesive systems.

Use only the full cut method, also known in the field as full strip method, when installing windows.

This method includes the following:

- The replacement of a majority of the adhesive bead. Remove all but approximately 2 mm (3/64 in) of the existing bead of adhesive from the pinch-weld flange.
- Apply pinch-weld primer to any exposed painted areas on the pinch-weld flange.

No mounds or loose pieces of adhesive should remain on the pinch-weld flange. Do not remove all traces of adhesive.

2013 Chevrolet Colorado

Submodel: | **Engine Type:** | **Liters:**
Fuel Delivery: | **Fuel:**

Special Tools

- *BO-0201964* Bonded, Glass Removing Device
- Glass Handling Suction Cups
- Use an urethane adhesive that is approved by GM Specification GMW-15672

For equivalent regional tools, refer to Special Tools.

Removal Procedure

Warning: Refer to Cracked Window Warning.

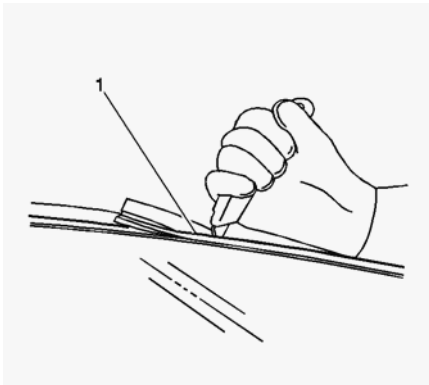
Note: Before cutting out a stationary window, apply a double layer of masking tape around the perimeter of the painted surfaces and the

1. Open the liftgate.
2. Remove the liftgate window upper and lower trim. Refer to Liftgate Upper Trim Finish Panel Replacement and Liftgate Lower Trim Finis Replacement.
3. Disconnect the electrical connectors from the liftgate window defogger bus bar.
4. Remove the liftgate window wiper motor. Refer to Rear Window Wiper Motor Replacement.
5. Protect the following parts from broken glass, seats and carpeting.

Warning: Refer to Glass and Sheet Metal Handling Warning.

6. Remove the liftgate window from the urethane adhesive as follows:

- Leave a base of urethane approximately 2 mm (0.078 in) on the pinch-weld flange.
- The only suitable lubrication is clear water, no oils, no lubrications or soaps can be used.
- Use *BO-0201964* Bonded, Glass Removing Device.

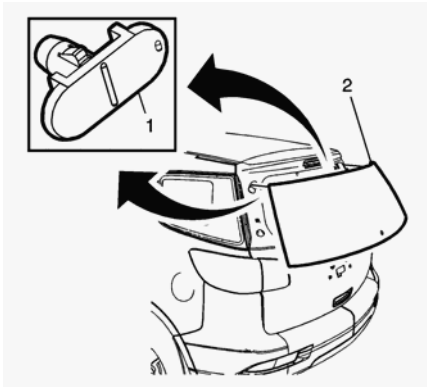


Warning: Refer to Glass and Sheet Metal Handling Warning.

Note: Using the appropriate tool, carefully cut around the inside of the window to expose the urethane adhesive bead. Use care not to damage locators. If the locators get damaged it will be necessary to use masking tape to tape the window in place while curing.

Note: Use care around the high mount stop lamp when removing the liftgate window.

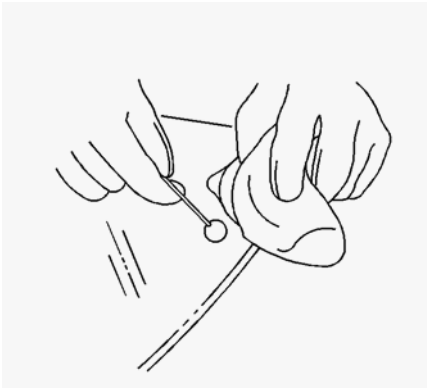
- Using the appropriate tool, start the cut between the center of the liftgate window and the liftgate.
1. Do this from inside the vehicle, insert the tool *BO-0201964* Bonded, Glass Removing Device(1) between the center of the liftgate window and the liftgate, thus perforating the adhesive.
 2. Move the cutting wire along the outside edge of the window.
 3. Remove the tool *BO-0201964* Bonded, Glass Removing Device.
 4. Do this from inside the vehicle, install the cutting wire special tool *BO-0201964* Bonded, Glass Removing Device(1).
 5. Do this from outside the vehicle, install the cutting wire special tool *BO-0201964* Bonded, Glass Removing Device.
 6. With an assistant, use the special tool *BO-0201964* Bonded, Glass Removing Device(1) to hold the cutting wire, pull it starting from the top and forth releasing the window from the adhesive.
 7. While cutting the window reposition the cutting wire and special tools, so as to cut the adhesive along the window completely.



- With assistant lift the liftgate window (2) with supports (1) from the liftgate opening, use the glass handling suction cups.

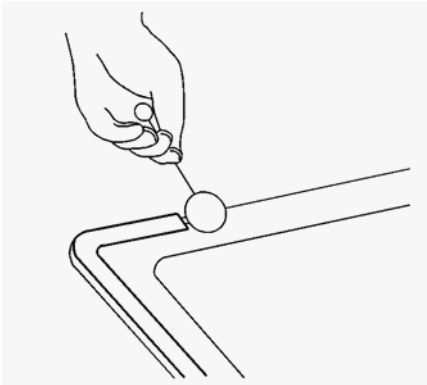
Installation Procedure

1. If reusing or replacing the window, use the appropriate tool, remove the urethane adhesive bead on the window surface and pinch-weld approximately 2 mm (0.078 in).

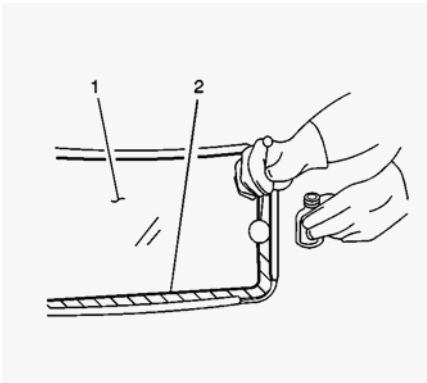


2. Clean the bonding area on the window.

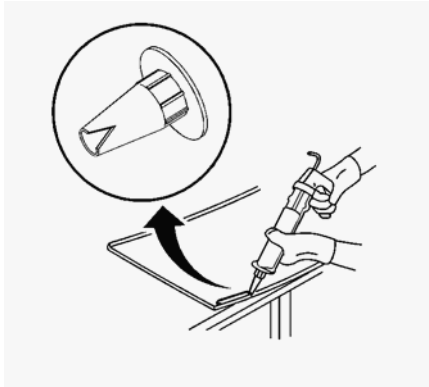
Note: Use the existing window as a guide for the outline of the urethane primers.



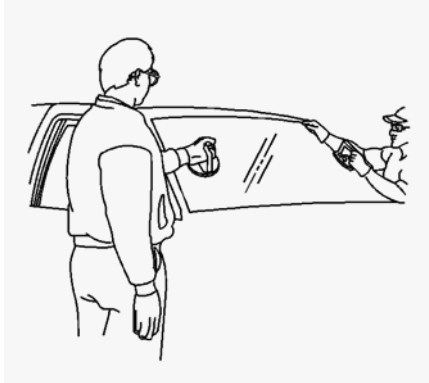
3. Apply bonded-glass primer and let dry per urethane adhesive instructions by the manufacturer's.



4. Apply the urethane adhesive primer-application (2) around the perimeter of the window (1) per urethane adhesive instructions by the manufacturer.



5. Cut the applicator nozzle to provide a V cut to apply the urethane adhesive.

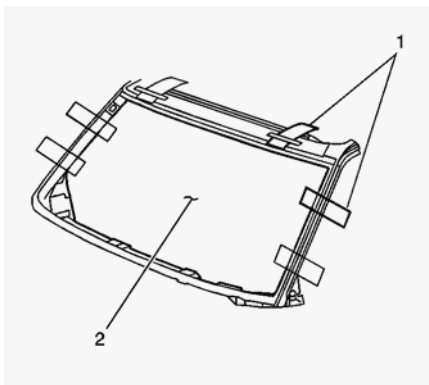


Note: If the locating pins were cut off it will be necessary to tape the window in place until the urethane adhesive cures per instructions from the manufacturer's.

6. With an assistant, use the glass handling cups, align the window locating pins to the slots located in each corner of the pinch-weld flange of the window to touch the urethane adhesive.
7. Remove the glass handling cups.



8. Gently depress the window on the urethane adhesive bead until the window is seated 1 mm (0.039 in) below the roof.



9. Use masking tape (1) to hold the window (2) in the position until the urethane adhesive completely cures.

10. Connect the window defogger electrical connectors to the bus bars.
11. Install liftgate trim.
12. Make sure to observe the urethane adhesive curing time before releasing the vehicle per urethane adhesive instructions by the manuf:

Note: Following the urethane adhesive installation instructions, using nafta to remove any excess of urethane adhesive within 30 minute: will not be possible to remove the urethane adhesive excess unless using mechanical means.

13. Remove the double layer of masking tape around the perimeter of the painted surfaces and the interior trim.



Note: Do not direct a hard stream of high pressure water to the freshly applied urethane adhesive.

14. Use a soft spray of warm water in order to immediately water test the window.
 15. Inspect the window for leaks.
 16. If any leaks are found, use a plastic paddle in order to apply extra urethane adhesive at the leak point.
 17. Retest the window for leaks.
 18. Maintain the following conditions in order to properly cure the urethane adhesive:
- Partially lower a door window in order to prevent pressure buildups when closing doors before the urethane adhesive cures.
 - Do not drive the vehicle until the urethane adhesive is cured. Refer to the above curing times.
 - Do not use compressed air in order to dry the urethane adhesive.



- Clean any excess urethane adhesive from the body.
- Close the liftgate.
- Ensure that the electrical components are working properly.

2013 Chevrolet Colorado

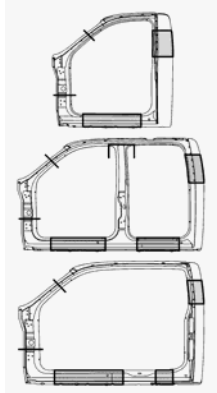
Submodel: | **Engine Type:** | **Liters:**
Fuel Delivery: | **Fuel:**

Removal Procedure

Warning: Refer to Approved Equipment for Collision Repair Warning.

Warning: Refer to Glass and Sheet Metal Handling Warning.

Warning: Refer to Collision Sectioning Warning.



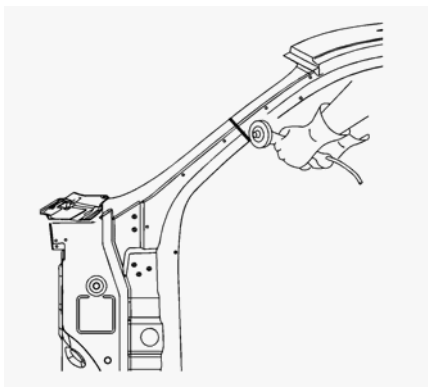
Note: The door frame can be replaced at the factory seams, but requires the removal of the windshield, roof, and quarter panel. The sectioning procedures have been developed as a more cost-effective alternative to complete replacement. The specific area to be sectioned is determined by the extent of the damage to the vehicle.

1. Disable the SIR system. Refer to SIR Disabling and Enabling.
2. Disconnect the negative battery cable. Refer to Battery Negative Cable Disconnection and Connection.
3. Remove all related panels and components.
4. Repair as much of the damage as possible to factory specifications. Refer to Dimensions - Body.

Warning: Refer to Foam Sound Deadeners Warning.

5. Note the location and remove the sealers and anti-corrosion materials from the repair area, as necessary. Refer to Anti-Corrosion Treatment and Repair.
6. Perform additional sectioning procedures as necessary. Refer to the following procedures:

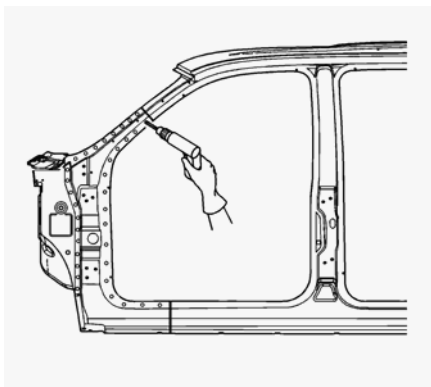
- Rocker Outer Panel Sectioning
- Front Hinge Pillar Sectioning
- Center Pillar Sectioning
- Rear Pillar Sectioning



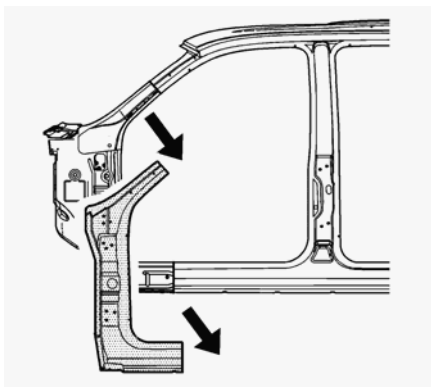
Note:

- Perform the sectioning in the flat area.
- Do not damage any inner panels or reinforcements.

- Perform the lower sectioning at 30 mm (1.18 in) from the inner reinforcement or choose the procedure that fits better according to the col
- Cut the panel in the locations where sectioning is to be performed.

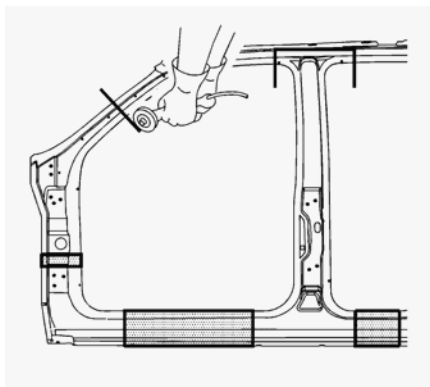


- Locate and drill out all factory welds. Note the number and location of the welds for installation of the service part.

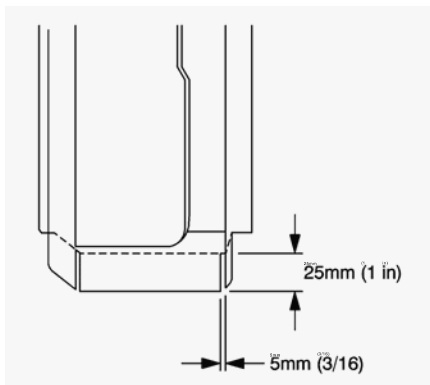


- Remove the damaged body side.

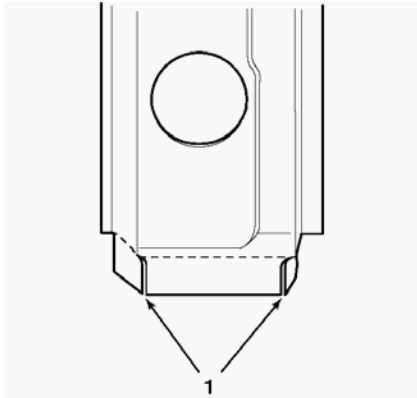
Installation Procedure



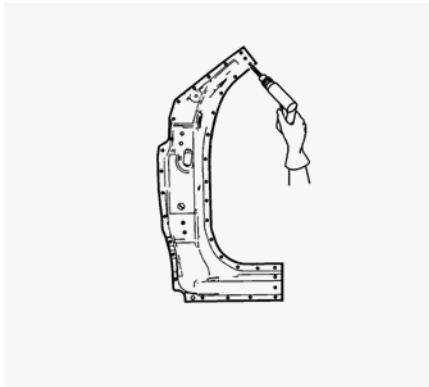
1. From the service part, cut the panel in corresponding locations to overlap the remaining original panel by 25 mm (1 in) at each joint loc



2. Cut and remove 25 mm (1 in) from the flanges on either side of the remaining section of the original pillar. Cut 5 mm (3/16 in) wide gaps at corners.

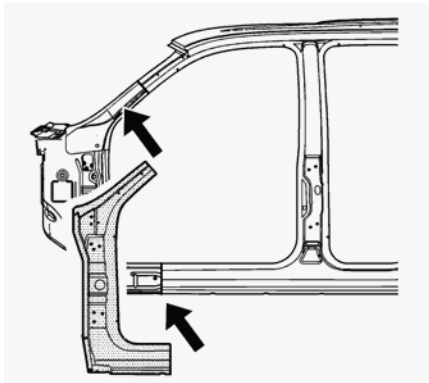


3. Step the tabs (1) inward to allow the door frame opening service section to fit over the original hinge pillar.

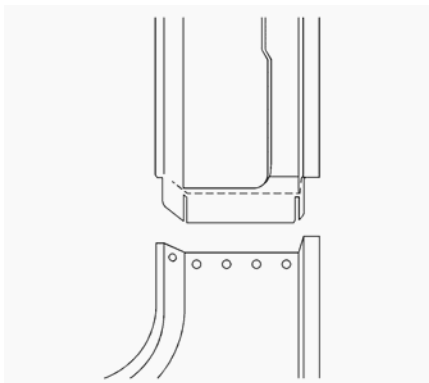


Note: If the location of the original plug weld holes can not be determined, or if structural weld-thru adhesive was present, space the plug every 40 mm (1 1/2 in) apart.

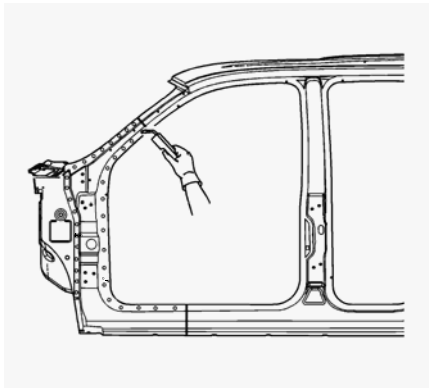
4. Drill 8 mm (5/16 in) plug weld holes in the service part as necessary in the locations noted from the original panel and along the section.
5. Prepare all attachment surfaces as necessary.
6. Apply Weld-Thru Coating or equivalent to all mating surfaces. Refer to Anti-Corrosion Treatment and Repair.



7. Position the body side to the vehicle using 3-dimensional measuring equipment. Clamp in place.



8. Fit the new part on the original panel.



9. Plug weld accordingly.

Note: To create a solid weld with minimum heat distortion, make 25 mm (1 in) stitch welds along the seam with 25 mm (1 in) gaps between. Complete the stitch weld.

10. Clean and prepare all welded surfaces.
11. Apply the sealers and anti-corrosion materials to the repair area, as necessary. Refer to Anti-Corrosion Treatment and Repair.
12. Paint the repair area. Refer to Basecoat/Clearcoat Paint Systems.
13. Install all related panels and components.
14. Connect the negative battery cable. Refer to Battery Negative Cable Disconnection and Connection.
15. Enable the SIR system. Refer to SIR Disabling and Enabling.

2013 Chevrolet Colorado

Submodel: | **Engine Type:** | **Liters:**

Fuel Delivery: | **Fuel:**

Window Motor Normalized Procedure

A window motor that has not been normalized will no longer perform the express up and express down functions, this may occur during the following conditions:

- When a window motor has been disconnected
- When a door harness has been disconnected
- When the battery has been disconnected or replaced

To normalize the window motor, follow these steps:

1. Ignition ON.
2. Starting with the window completely UP, press and hold the power window switch until the window is fully open and continue holding the switch down for approximately 5 seconds after the window is completely open.
3. Pull the power window switch up until the window is fully closed and continue holding the switch up for approximately 5 seconds after the window is completely closed.

The window should now be normalized and the window should perform the express up and express down functions.

2013 Chevrolet Colorado

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[Power Window System Components](#)

The power window system consists of the following components:

- Driver window switch
- Front passenger window switch
- Left rear window switch (Crew Cab)
- Right rear window switch (Crew Cab)
- Window regulator motors in each of the doors

[Power Window System Controls](#)

The power window system can be controlled by a power window up or down switch activation.

[Window Operation and the Driver Window Switch](#)

The driver power window switch contains individual window switches for each of the power windows. All windows may be controlled up and down from the driver power window switch. The passenger power window switch (or rear window switches if equipped) will only control the up and down operation of their respective power window. The passenger power window contains a reversible power window motor. The direction the window travels is dependent upon the polarity of the control circuits. By reversing polarity of the control circuits the window motor will move up or down. The passenger power window motor is internally circuit breaker protected.

[Driver Express Up and Express Down Power Window Motor](#)

The driver power window is controlled by the driver door lock/window switch using inputs from the driver door lock/window switch. The window switch circuits are grounded in the driver door lock/window switch and when active a control circuit is switched to B+. The driver door lock/window switch also uses inputs from 2 Hall effect sensors located within the motor. The Hall effect sensors enable the driver door lock/window switch to monitor the window position and motor speed for use as an anti-pinch safety feature.

[Window Operation and the Passenger Window Switches](#)

When the ignition switch is in the RUN or ACCY position, battery positive voltage is supplied to each of the remote passenger door window switches. When a remote window switch is pressed in the down position, voltage is applied to the window motor down circuit and ground is applied to the window motor up circuit, causing the window to open. When the window switch is pressed in the up position, the polarity is reversed, voltage and ground are applied to the opposite circuits, and the window closes.

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Special Tools

- *BO-0201964* Bonded, Glass Removing Device
- Glass Handling Suction Cups
- Use an urethane adhesive that is approved by GM Specification GMW-15672

For equivalent regional tools, refer to Special Tools

Removal Procedure

Warning: If broken glass falls into the defroster outlets, it can be blown into the passenger compartment and cause personal injury.

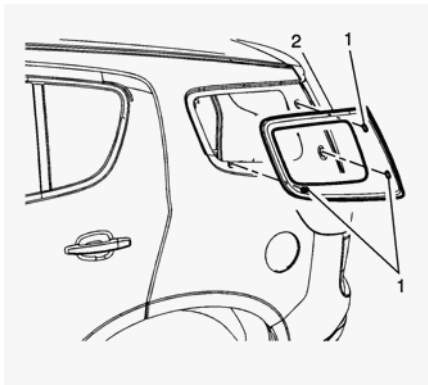
Note: Before cutting out a quarter window, apply a double layer of masking tape around the perimeter of the painted surfaces and the interior

1. Remove the back body pillar trim panel upper trim. Refer to Back Body Pillar Inner Panel Trim Panel Replacement.
2. Remove the quarter window from the urethane adhesive as follows:

- Leave a base of urethane adhesive approximately 2 mm (0.078 in) on the pinch-weld flange.
- The only suitable lubrication is clear water, no oils, no lubrications or soaps can be used.
- Use *BO-0201964* Bonded, Glass Removing Device.
- Protect the following parts from broken glass, seats and carpeting.

Note: Using the appropriate tool, carefully cut around the inside of the window to expose the urethane adhesive bead. Use care not to damage interior trim or locators. If the locators get damaged it will be necessary to use masking tape to tape the window in place while curing.

- Start the cut between the quarter and the "B" pillar.
1. Do this from inside the vehicle, insert the tool *BO-0201964* Bonded, Glass Removing Device (1) between the quarter and the "B" pillar, the adhesive.
 2. Move the cutting wire along the outside edge of the window.
 3. Remove the tool *BO-0201964* Bonded, Glass Removing Device.
 4. Do this from inside the vehicle, install the cutting wire special tool *BO-0201964* Bonded, Glass Removing Device (1).
 5. Do this from outside the vehicle, install the cutting wire special tool *BO-0201964* Bonded, Glass Removing Device (2).
 6. With an assistant, use the special tool *BO-0201964* Bonded, Glass Removing Device (1) to hold the cutting wire, pull it starting from the top and forth releasing the window from the adhesive.
 7. While cutting the window reposition the cutting wire and special tools, so as to cut the adhesive along the window completely.



- Remove the locator pins (1) and quarter window (2) from the pinch-weld flange.

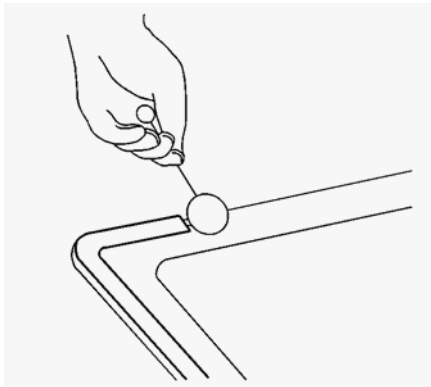
Installation Procedure

1. If reusing or replacing the window, use the appropriate tool, remove the urethane adhesive bead on the window surface and pinch-weld approximately 2 mm (0.078 in).

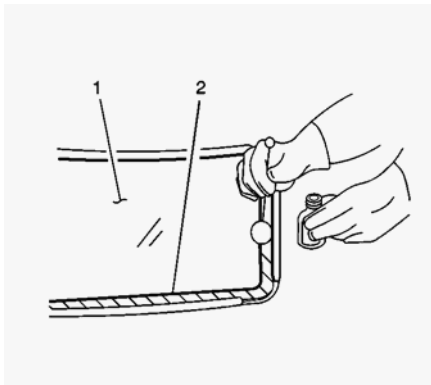


2. Clean the bonding area on the window.

Note: Use the existing window as a guide for the outline of the urethane primers.



3. Apply bonded-glass primer and let dry per urethane adhesive instructions by the manufacturer's.



4. Apply the urethane adhesive primer-application (2) around the perimeter of the quarter window (1) and let dry per urethane adhesive instructions by the manufacturer's.



5. Cut the applicator nozzle to provide a V cut to apply the urethane adhesive.

6. Place the window into the opening.

Note: If the locating pins were cut off it will be necessary to tape the window in place until the urethane adhesive cures per urethane adhesive instructions by the manufacturer's.

7. Gently press the quarter window into the urethane adhesive bead until it fully seats evenly in the open.
8. Use masking tape to hold the window in the position until the urethane adhesive completely cures.
9. Make sure to observe the urethane adhesive curing time before releasing the vehicle per urethane adhesive instructions by the manufl

Note: Following the urethane adhesive installation instructions, using nafta to remove any excess of urethane adhesive within 30 minute will not be possible to remove the urethane adhesive excess unless using mechanical means.

10. Remove the double layer of masking tape around the perimeter of the painted surfaces and the interior trim.

Note: Do not direct a hard stream of high pressure water to the freshly applied urethane adhesive.

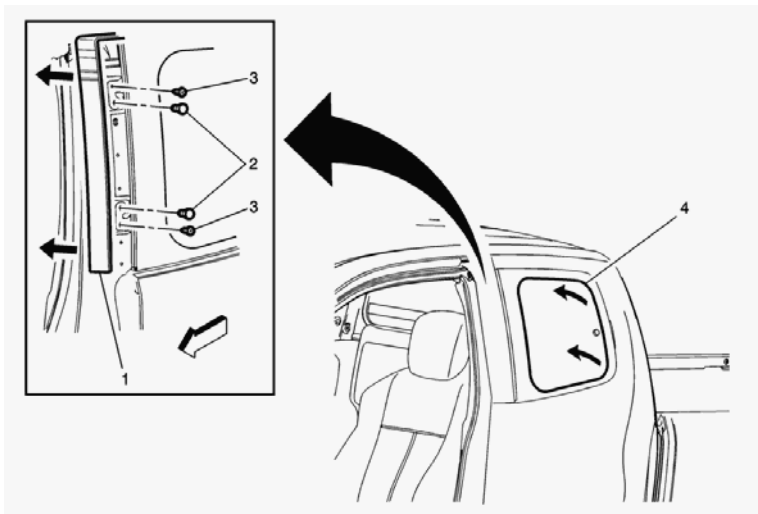
11. Use a soft spray of warm water in order to immediately water test the window.
12. Inspect the window for leaks.
13. If any leaks are found, use a plastic paddle in order to apply extra urethane adhesive at the leak point.
14. Retest the window for leaks.
15. Maintain the following conditions in order to properly cure the urethane adhesive:
 - Partially lower a door window in order to prevent pressure buildups when closing doors before the urethane adhesive cures.
 - Do not drive the vehicle until the urethane adhesive is cured. Refer to the above curing times.
 - Do not use compressed air in order to dry the urethane adhesive.



- Clean any excess urethane adhesive from the body.
- Install the back body pillar trim panel upper trim. Refer to Back Body P'illar Inner Panel Trim Panel Replacement.

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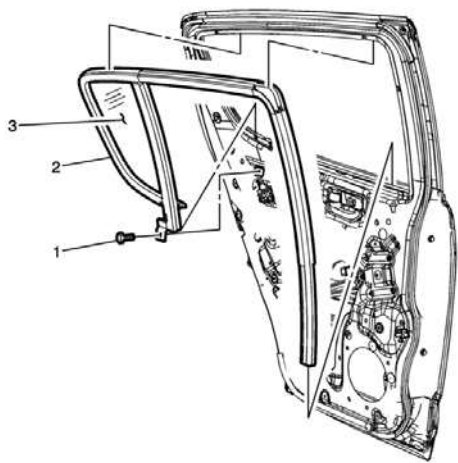


Rear Side Door Stationary Window Replacement

Callout	Component Name
Preliminary Procedures	
Remove the rear side door trim panel. Refer to Rear Side Door Trim Panel Replacement.	
Rear Side Door Extended Weatherstrip	
Procedure	
1	1. Using masking tape, tape off the outer door frame to prevent scratches. 2. Open the extended cab door, release the front part of the door weatherstrip along the inner edge to expose the door s frame screws and push-in retainers.
Rear Side Door Stationary Window Front Hinge Screws (Qty: 2)	
Caution: Refer to Fastener Caution.	
Procedure	
2	With the trim panel off, remove the three screws located on the inner window frame that attach the window latch to the door in panel.
Tighten	
5 Y (44 lb in)	
Note: Screws are located under the extended door weatherstrip edge.	
3	Rear Side Door Stationary Window Front Retainers (Qty: 2)
Rear Side Door Stationary Window	
4	Note: Inspect the window for proper operation and water/air leaks before installing the door trim.

2013 Chevrolet Colorado

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Fuel Delivery: | Fuel:

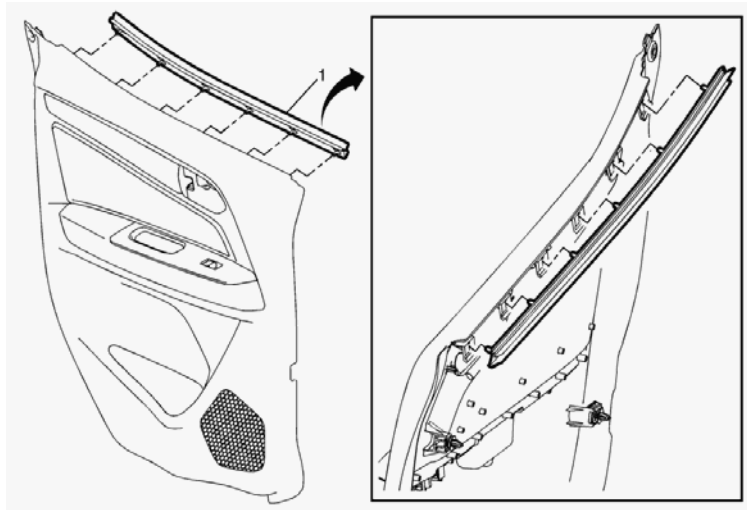


Rear Side Door Stationary Window Replacement

Callout	Component Name
Preliminary Procedures	
1. Remove the rear side door outer belt sealing strip. Refer to Rear Side Door Window Outer Sealing Strip Replacement. 2. Remove the rear side door window rear channel. Refer to Rear Side Door Window Rear Channel Replacement.	
	Rear Side Door Stationary Window Bolt
	Caution: Refer to Fastener Caution.
	Procedure
1	Using masking tape, tape off the outer door frame to prevent scratches.
	Tighten
	10 Y (89 lb in)
	Rear Side Door Stationary Window Weatherstrip
	Procedure
2	Pull the stationary window downward and up releasing it from the window frame.
	Note: If replacing the stationary window do step three.
	Rear Side Door Stationary Window
	Procedures
3	1. Place the rear side door window weatherstrip on a clean and dry surface. 2. Use the appropriate tool, place it between the seal and the stationary window. Working the tool around the stationary window until fully released. 3. Place the front edge of the stationary window in top front corner of the rear side door window weatherstrip, working the window into the weatherstrip until fully seated. 4. Inspect the door window for proper operation before installing the door trim panel.

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Rear Side Door Window Inner Sealing Strip Replacement

Callout

Component Name

Preliminary Procedure

Remove the rear side door trim panel. Refer to Rear Side Door Trim Panel Replacement.

Rear Side Door Window Inner Sealing Strip Assembly

1

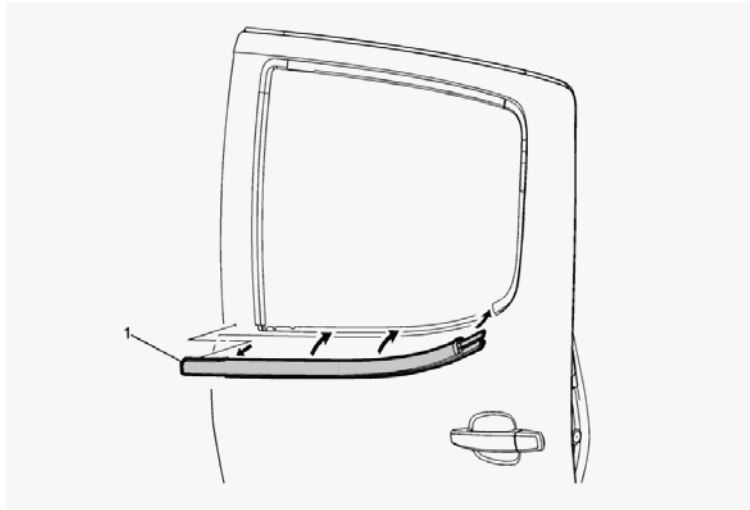
Procedure

Pull outward to disengage sealing strip from door trim panel.

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Rear Side Door Window Outer Sealing Strip Replacement

Callout

Rear Side Door Outer Sealing Strip

Component Name

Procedure

1

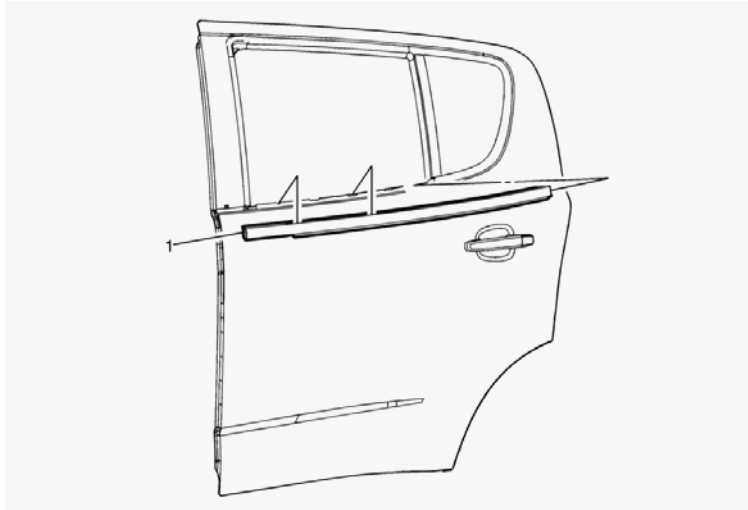
1. Place the rear door window in the service position.
2. Apply masking tape to the door frame and lower edge.
3. Using a small flat-bladed tool, lift the sealing strip up to remove it from the door flange.
4. Insert the retaining clip into the rear hole of the rear door and push down firmly to lock in place.

Note: Inspect the door window for proper operation.

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Rear Side Door Window Outer Sealing Strip Replacement

Callout

Component Name

Rear Side Door Outer Sealing Strip

Procedure

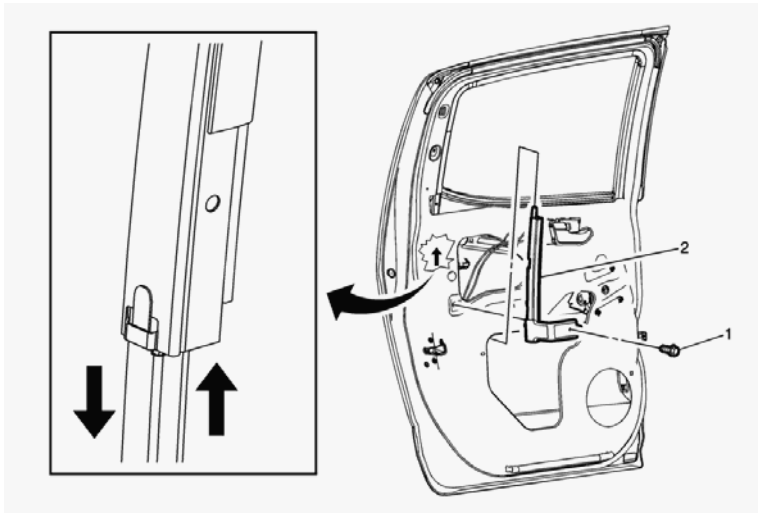
1

1. Place the window in the full down position.
2. Apply masking tape to the door frame and lower edge.
3. Using a small flat-bladed tool, lift the sealing strip up to remove it from the door flange.
4. Insert the sealing strip retaining clip into the hole in the front of the rear door frame. Push downward firmly to lock it in place.

Note: Inspect the door window for proper operation.

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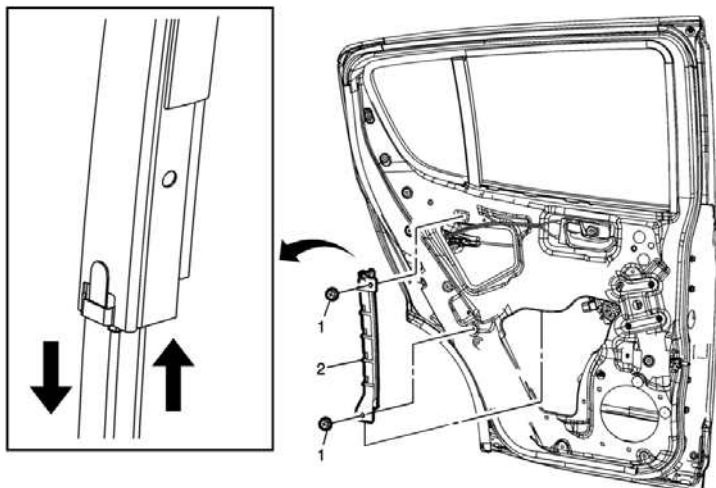


Rear Side Door Window Rear Channel Replacement

Callout	Component Name
Preliminary Procedures	
1.	Place the door window in the full up position.
2.	Remove the rear side door trim. Refer to Rear Side Door Trim Panel Replacement
Rear Side Door Window Rear Channel Bolt	
Caution: Refer to Fastener Caution.	
Procedure	
1	1. Remove the water deflector. 2. Remove the weatherstrip from the rear channel. 3. Pull downward on the lower section of the rear channel releasing the tab connecting the upper and lower together.
Tighten	
	10 Y (89 lb in)
2	Rear Side Door Window Rear Channel Note: Inspect the window for proper operation before installing the door trim.

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Rear Side Door Window Rear Guide Replacement

Callout

Component Name

Preliminary Procedures

1. Place the door window in the full up position.
2. Remove the rear side door trim. Refer to Rear Side Door Trim Panel Replacement

Rear Side Door Window Rear Guide Bolt (Qty: 2)

Caution: Refer to Fastener Caution.

Procedure

- 1
 1. Remove the water deflector.
 2. Remove the weatherstrip from the rear guide.
 3. Pull downward on the lower section of the rear guide releasing the tab connecting the lower to the upper.

Tighten

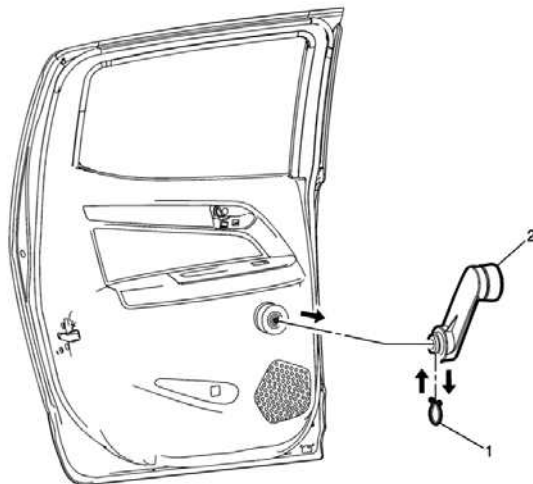
10 Y (89 lb in)

- 2 Rear Side Door Window Rear Guide

Note: Inspect the window for proper operation before installing the door trim.

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Rear Side Door Window Regulator Handle Replacement

Callout

Component Name

Rear Side Door Window Regulator Handle Clip

Procedure

Use the *GE-50886* puller, to remove the front side door handle clip.

Special Tools

GE-50886 Door Lifter Device Puller

For equivalent regional tools, refer to Special Tools.

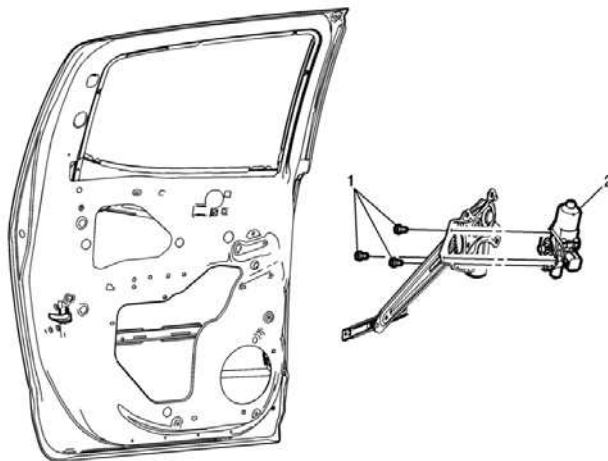
1

2

Rear Side Door Window Regulator Handle

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Rear Side Door Window Regulator Motor Replacement

Callout

Component Name

Preliminary Procedures

Remove the rear side door window regulator. Refer to Rear Side Door Window Regulator Replacement.

Rear Side Door Window Regulator Motor Screws (Qty: 3)

Caution: Refer to Fastener Caution.

1

Tighten

5 Y (44 lb in)

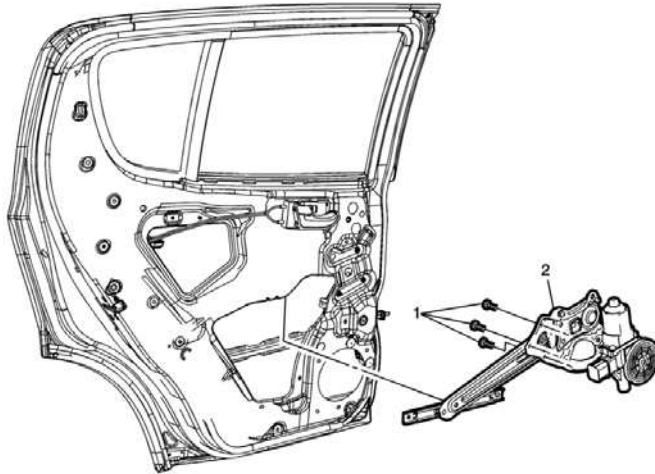
Rear Side Door Window Regulator Motor

2

Note: Inspect the window for proper operation, before installing the door trim.

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Rear Side Door Window Regulator Motor Replacement

Callout

Component Name

Preliminary Procedures

Remove the rear side door window regulator. Refer to Rear Side Door Window Regulator Replacement.

Rear Side Door Window Regulator Motor Screws (Qty: 3)

1

Caution: Refer to Fastener Caution.

Tighten

5 Y (44 lb in)

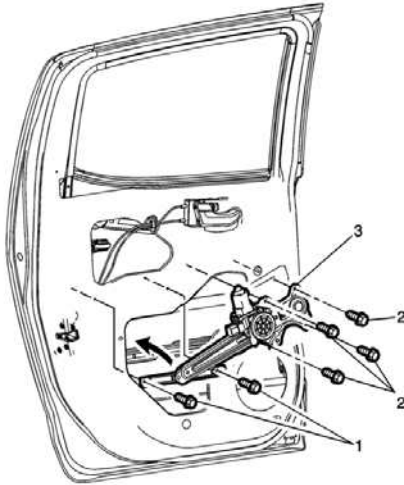
2

Rear Side Door Window Regulator Motor

Note: Inspect the window for proper operation, before installing the door trim.

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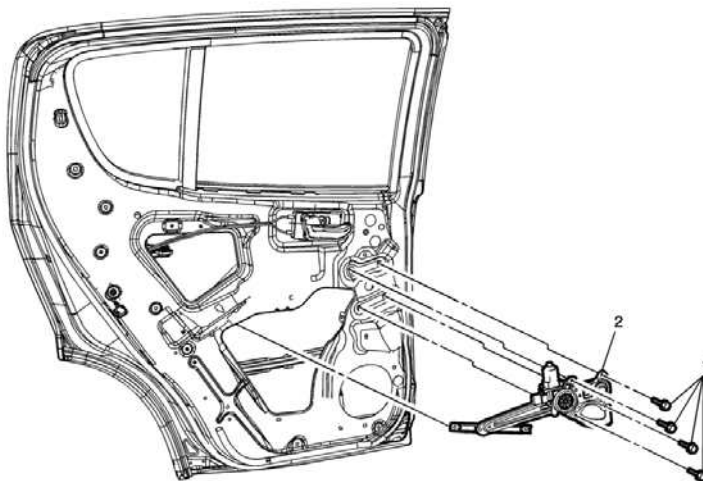


Rear Side Door Window Regulator Replacement

Callout	Component Name
Preliminary Procedures	
1. Position window approximately half way down in the door. 2. Remove the rear side door window regulator to window bolts. Do not remove the window, tape the window in the full up position after removing the bolts. Refer to Rear Side Door Window Replacement.	
Rear Side Door Window Power Regulator Bolts Guide (Qty: 2)	
1	Caution: Refer to Fastener Caution.
	Tighten 10 Y (89 lb in)
Rear Side Door Window Power Regulator Bolt (Qty: 4)	
2	Tighten 10 Y (89 lb in)
	Rear Side Door Window Power Regulator
Procedures	
3	1. Disconnect the electrical connector.
	2. Transfer all parts as necessary.
Note: Inspect the window for proper operation, before installing the door trim.	

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Rear Side Door Window Regulator Replacement

Callout

Component Name

Preliminary Procedures

1. Position window approximately half way down in the door.
2. Remove the rear side door window regulator to window bolts. Do not remove the window, tape the window in the full up position after removing the bolts. Refer to Rear Side Door Window Replacement.

Rear Side Door Window Power Regulator Bolt (Qty: 4)

1

Caution: Refer to Fastener Caution.

Tighten

10 Y (89 lb in)

Rear Side Door Window Power Regulator

Procedures

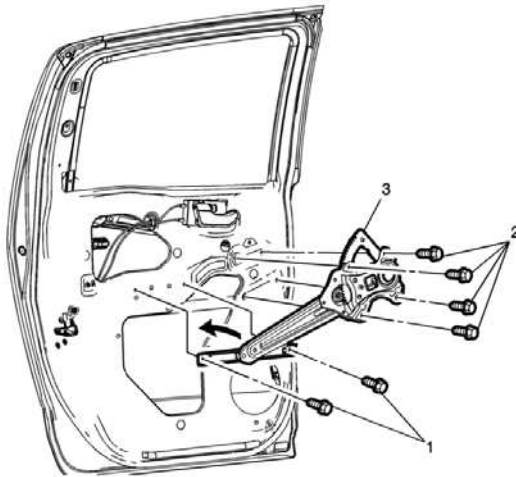
2

1. Disconnect the electrical connector.
2. Transfer all parts as necessary.

Note: Inspect the window for proper operation, before installing the door trim.

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Rear Side Door Window Regulator Replacement

Callout Preliminary Procedures

Component Name

1. Position window approximately half way down in the door.
2. Remove the rear side door window regulator to window bolts. Do not remove the window, tape the window in the full up position after removing the bolts. Refer to Rear Side Door Window Replacement.

Rear Side Door Manual Window Regulator Lower Guide Bolts (Qty: 2)

- 1 **Caution:** Refer to Fastener Caution.

Tighten

10 Y (89 lb in)

Rear Side Door Manual Window Regulator Bolt (Qty: 4)

- 2 **Tighten**

10 Y (89 lb in)

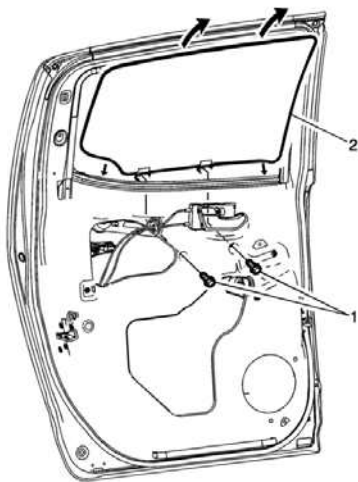
Rear Side Door Manual Window Regulator

- 3

Note: Inspect the window for proper operation, before installing the door trim.

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Rear Side Door Window Replacement

Callout	Component Name
Preliminary Procedures	

1. Remove the rear side door upper rear trim. Rear Side Door Upper Rear Trim Panel Replacement.
2. Remove the rear door window outer sealing strip. Refer to Rear Side Door Window Outer Sealing Strip Replacement.
3. Remove the rear side door window rear channel. Refer to Rear Side Door Window Rear Channel Replacement.

Rear Side Door Window Regulator to Window Bolts (Qty: 2)

Caution: Refer to Fastener Caution.

Procedure

- | | |
|---|---|
| 1 | <ol style="list-style-type: none">1. Adjust the window to view the window regulator to window bolts through the opening holes in the inner door panel .2. Slide the window downward until both sides of the rear window are out of the channel. Lift upward on the window, remove the window from the door.3. Lift upward on the window, remove the window from the door. |
|---|---|

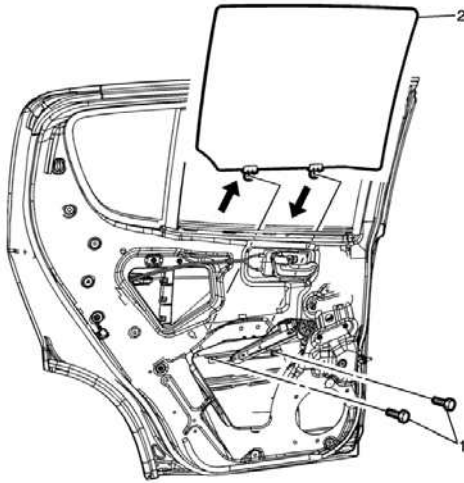
Tighten

10 Y (89 lb in)

- | | |
|---|--|
| 2 | <p>Rear Side Door Window</p> <p>Note: Inspect the window for proper operation before installing the trim.</p> |
|---|--|

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Rear Side Door Window Replacement

Callout Preliminary Procedures

Component Name

1. Place the door window in the full down position.
2. Remove the rear side door stationary window. Refer to Rear Side Door Stationary Window Replacement.

Rear Side Door Window to Regulator Bolts (Qty: 2)

Caution: Refer to Fastener Caution.

Procedure

1.
 1. Position the window approximately half way down in the door.
 2. Slide the window rearward out of the rear side door front guide.
 3. Rotate the rear door window as necessary to remove it from the door window frame.

Tighten

10 Y (89 lb in)

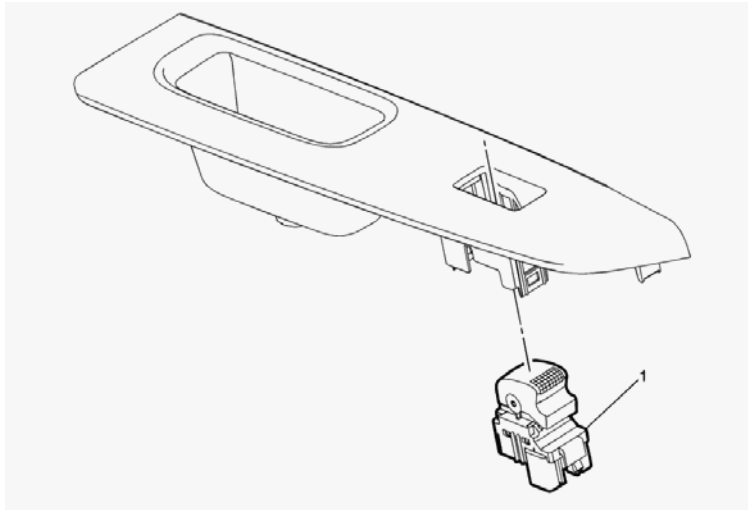
2. Rear Side Door Window

Note: Inspect the window for proper operation before installing the door trim.

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Rear Side Door Window Switch Replacement

Callout

Component Name

Preliminary Procedure

Remove the rear side door pull handle trim finish panel. Refer to Rear Side Door Pull Handle Trim Finish Panel Replacement.

Rear Side Door Window Switch Assembly

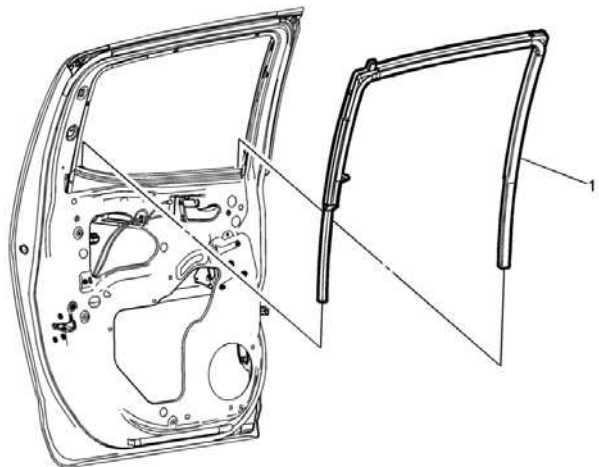
1

Procedure

Refer to Control Module References for programming and set up procedures.

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Rear Side Door Window Weatherstrip Replacement

Callout

Component Name

Preliminary Procedures

Remove the rear side door window. Refer to Rear Side Door Window Replacement.

Rear Side Door Window Weatherstrip

Procedures

1

1. Grasping the rear upper corner of the rear door window weatherstrip, pull down on the weatherstrip and out of the channel.
2. Position the window weatherstrip in the upper rear corner of the frame, work the weatherstrip around the frame.
3. Insert the weatherstrip downward in the front and rear channel until fully seated.
4. Carefully move the regulator upward for short slow intervals, while ensuring that the window remains in the guides.

Note: Inspect the window for proper operation before installing the door trim.

2013 Chevrolet Colorado

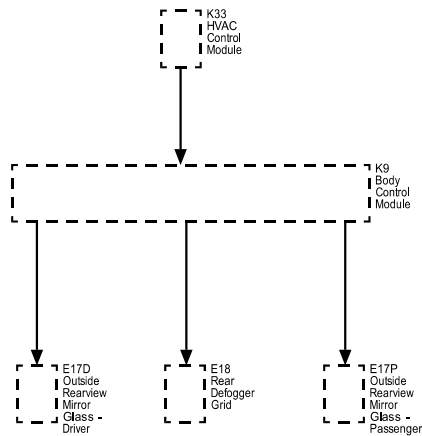
Submodel: | **Engine Type:** | **Liters:**

Fuel Delivery: | **Fuel:**

Rear Window Defogger System Components

The rear window defogger system consist of the following components:

- The HVAC control module
- The body control module (BCM)
- The rear defogger relay
- The rear window grid
- Driver outside rearview mirror
- Passenger outside rearview mirror
- 30A fuse



Rear Window Defogger Operation

The BCM supplies 12 V signal to the rear window defogger switch signal circuit to the HVAC control module. When you depress the rear window defogger switch, the rear window defogger switch pulls the signal circuit low. The BCM interprets this as a request for the rear window defogger system. The BCM energizes the rear window defogger system by supplying voltage to the rear defogger relay coil. The relay coil supply voltage is also spliced off internally in the BCM voltage circuit of the rear window defogger indicator. The rear defogger relay is energized and the rear window defogger indicator is illuminated. When energized, battery positive voltage is allowed from the relay switched input through the switch contacts and out the relay switched output to the defogger grid.

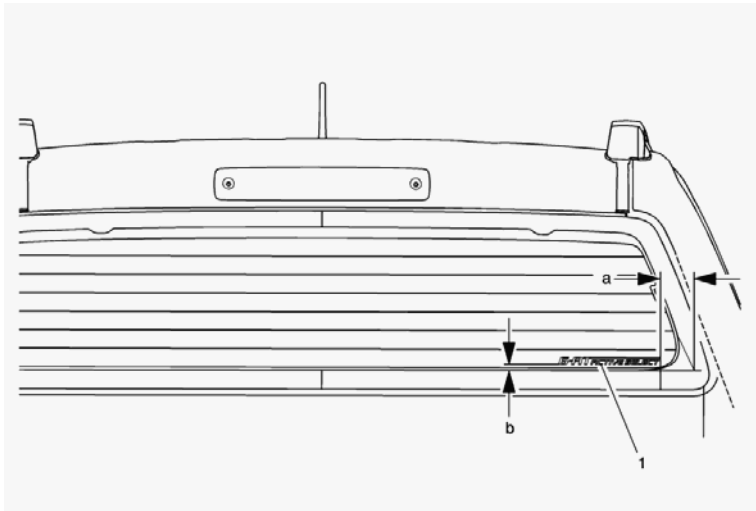
When you start the engine and press the rear window defogger switch for the first time, the defogger cycle lasts for 15 minutes. Further operation results in 15 minute defogger cycles. The rear defogger feature will not time out if vehicle speed is above 80 km/h (50 mph). The defogger cycle resets to 15 minutes when you cycle the ignition to the OFF position and then to the ON position.

Heated Mirrors

The heated mirrors are also controlled through the rear defogger relay. Whenever the rear window defogger is turned on, battery voltage is supplied to the heater elements through the left and right mirror heater element control circuits.

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Rear Window Opening Decal Replacement

Callout
Preliminary Procedures

Component Name

Caution: Refer to Exterior Trim Emblem Removal Caution.

1. Heat the decal using a heat gun 152 mm (6 in) from the surface.
2. Apply the heat using a circular motion, for about 30 seconds.
3. Remove the decal from the surface using a suitable plastic flat-bladed tool.
4. Clean the area where you will apply the decal using a suitable solvent such as flash naphtha, or a 50/50 mixture by volume of isopropyl alcohol and clean drinkable water. Dry the area thoroughly with a clean lint-free cloth. Warm the body surface to 27–38°C (80–100°F).

Note: Apply the decals in a clean environment where dust and debris do not interfere with the adhesion.

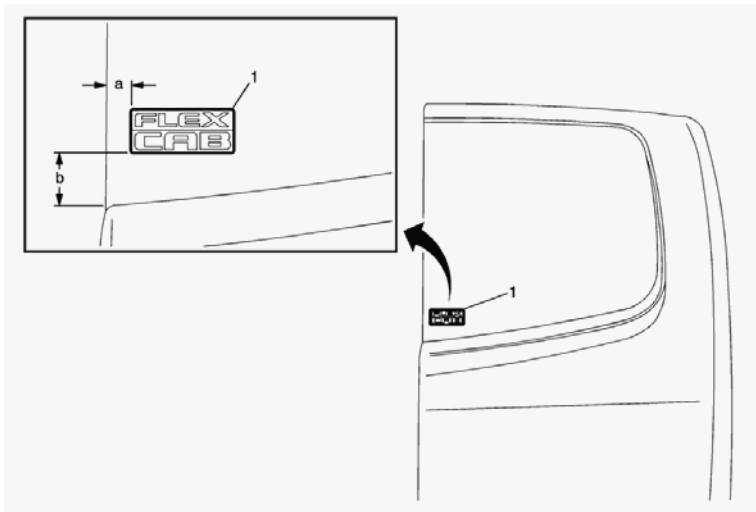
Procedure

1

1. Spray a mist of wetting solution onto the body area, using Dupont Duponal WA or the equivalent for the wetting solution. Do not use a soap solution.
2. Remove the backing from the decal.
3. Spray the adhesive backing of the decal in hot, humid weather with a mist of the wetting solution.
4. Position the decal in the desired location or (a) 54 mm (2 inches) (b) 12 mm (15/32 inches) on the body surface.
5. Using a dampened squeegee, starting at the center of the decal, work from the center outward in both directions.
6. Squeegee the decal, in position, onto the body, removing any air bubbles along with the wetting solution.
7. Pull the premask back onto the decal itself to remove from the decal.
8. Squeegee the decal again.
9. Prick any air bubbles with a pin.

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Submodel: | Engine Type: | Liters:
Fuel Delivery: | Fuel:



Rear Window Opening Decal Replacement

Callout
Preliminary Procedures

Component Name

Caution: Refer to Exterior Trim Emblem Removal Caution.

1. Heat the decal using a heat gun 152 mm (6 in) from the surface.
2. Apply the heat using a circular motion, for about 30 seconds.
3. Remove the decal from the surface using a suitable plastic flat-bladed tool.
4. Clean the area where you will apply the decal using a suitable solvent such as flash naphtha, or a 50/50 mixture by volume of isopropyl alcohol and clean drinkable water. Dry the area thoroughly with a clean lint-free cloth. Warm the body surface to 27–38°C (80–100°F).

Note: Apply the decals in a clean environment where dust and debris do not interfere with the adhesion.

Procedure

1

1. Spray a mist of wetting solution onto the body area, using Dupont Duponal WA or the equivalent for the wetting solution. Do not use a soap solution.
2. Remove the backing from the decal.
3. Spray the adhesive backing of the decal in hot, humid weather with a mist of the wetting solution.
4. Position the decal in the desired location or (a) 16 mm (5/8 inches) (b) 34 mm (1 1/3 inches) on the body surface.
5. Using a dampened squeegee, starting at the center of the decal, work from the center outward in both directions.
6. Squeegee the decal, in position, onto the body, removing any air bubbles along with the wetting solution.
7. Pull the premask back onto the decal itself to remove from the decal.
8. Squeegee the decal again.
9. Prick any air bubbles with a pin.

2013 Chevrolet Colorado

Submodel: | **Engine Type:** | **Liters:**
Fuel Delivery: | **Fuel:**

Special Tools

- S-0201964 Bonded, Glass Removing Device
- Glass Handling Suction Cups
- Use an adhesive that is approved by GM Specification GMW-15672

For equivalent regional tools, refer to Special Tools.

Removal Procedure

Warning: Refer to Cracked Window Warning.

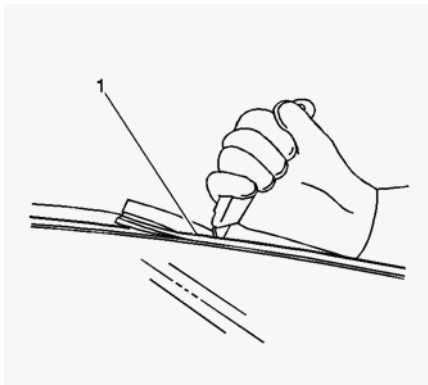
Note: Before cutting out a stationary window, apply a double layer of masking tape around the perimeter of the painted surfaces and the

Note: Use care around the high mount stop lamp when removing the rear window.

1. Disconnect the electrical connectors from the rear window defogger bus bar.
2. Lower the rear edge of the headliner this will allow the special tool S-0201964 Bonded, Glass Removing Device to cut across the top of not damage the headliner edge.
3. Protect the following parts from broken glass, seats and carpeting.

Warning: Refer to Glass and Sheet Metal Handling Warning.

4. Remove the rear window from the auto-adhesive as follows:
- Leave a base of urethane approximately 2 mm (0.078 in) on the pinch-weld flange.
 - The only suitable lubrication is clear water.
 - Use S-0201964 Bonded, Glass Removing Device.



Warning: Refer to Glass and Sheet Metal Handling Warning.

Note: If the original window is being reused the window lace is not serviceable.

- Use the appropriate tool, carefully cut the lace (1) by starting in the center and working down both sides of the window. If equipped.

Note: Use care when removing the window not to cut off the locator pins in the left and right upper corners. If the locating pins are cut off it will use masking tape to tape the window in place until the auto-adhesive cures.

- Start the cut between the center of the rear window and the roof.

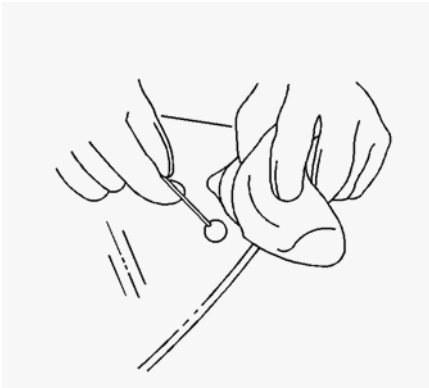
1. Do this from inside the vehicle, insert the tool S-0201964 Bonded, Glass Removing Device (1) between the center of the rear window and the roof, thus perforating the adhesive.
2. Move the cutting wire along the outside edge of the window.
3. Remove the tool S-0201964 Bonded, Glass Removing Device.
4. Do this from inside the vehicle, install the cutting wire special tool S-0201964 Bonded, Glass Removing Device (1).
5. Do this from outside the vehicle, install the cutting wire special tool S-0201964 Bonded, Glass Removing Device (2).
6. With an assistant, use the special tool S-0201964 Bonded, Glass Removing Device (1) to hold the cutting wire, pull it starting from the rear and forth releasing the window from the adhesive.
7. While cutting the window reposition the cutting wire and special tools, so as to cut the adhesive along the window completely.



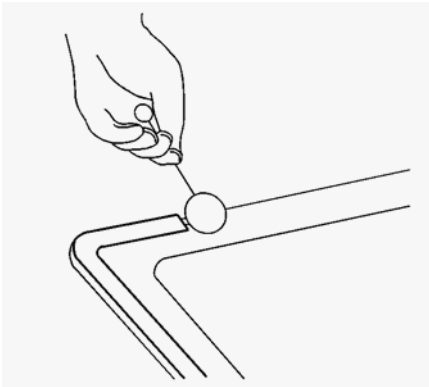
- Remove the rear window from the vehicle with an assistant, use the glass handling suction cups.

Installation Procedure

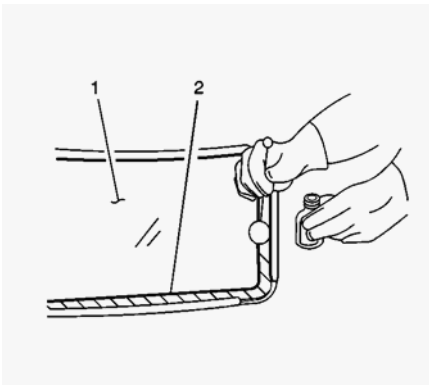
1. If reusing or replacing the window, use the appropriate tool, remove the auto-adhesive bead on the window surface and pinch-weld flange approximately 2 mm (0.078 in).



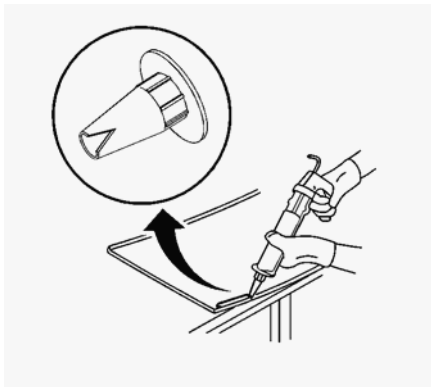
2. Clean the bonding area on the window.



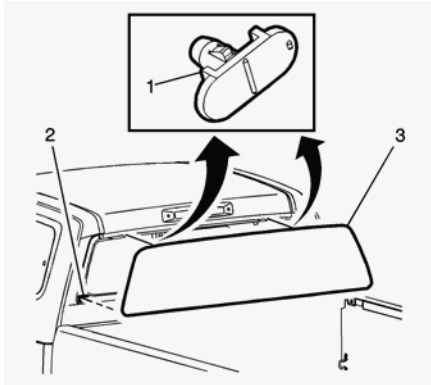
3. Apply bonded-glass primer and let dry per auto-adhesive instructions by the manufacturer's.



4. Apply the auto-adhesive primer-application (2) around the perimeter of the rear window (1) per auto-adhesive instructions by the manu:



5. Cut the applicator nozzle to provided a V cut to apply the auto-adhesive.
6. Install the spacers to the pinchweld flange if removed.

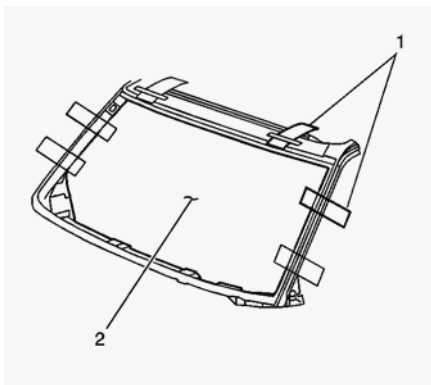


Note: If the locating pins were cut off it will be necessary to tape the window in place until the auto-adhesive cures per auto-adhesive ins manufacturer's.

7. With an assistant, use the glass handling cups, align the window locating pins (1) to the slots located in the corners and the spacers (2) to the weld flange. Lower the window (3) to touch the auto-adhesive.
8. Remove the glass handling cups.



9. Gently depress the window on the auto-adhesive bead until the window is seated 1 mm (0.039 in) below the roof.



10. Use masking tape (1) to hold the window (2) in the position until the auto-adhesive completely cures.

11. Connect the rear window defogger electrical connectors to the bus bars.
12. Install the rear edge of the headliner.
13. Make sure to observe the auto-adhesive curing time before releasing the vehicle per auto-adhesive instructions by the manufacturer's.

Note: Following the auto-adhesive installation instructions, using nafta to remove any excess of auto-adhesive within 30 minutes, otherwise possible to remove the auto-adhesive excess unless using mechanical means.

14. Remove the double layer of masking tape around the perimeter of the painted surfaces and the interior trim.



Note: Do not direct a hard stream of high pressure water to the freshly applied auto-adhesive.

15. Use a soft spray of warm water in order to immediately water test the window.
16. Inspect the window for leaks.
17. If any leaks are found, use a plastic paddle in order to apply extra auto-adhesive at the leak point.
18. Retest the window for leaks.
19. Maintain the following conditions in order to properly cure the auto-adhesive:
 - Partially lower the door window in order to prevent pressure buildups when closing doors before the auto-adhesive cures.
 - Do not drive the vehicle until the auto-adhesive is cured. Refer to the above curing times.
 - Do not use compressed air in order to dry the auto-adhesive.



- Clean any excess auto-adhesive from the body.
- Ensure that the electrical components are working properly.

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:
Fuel Delivery: | Fuel:

Special Tools

- BO-24402-A Glass Sealant Remover (Cold Knife)
- BO-39032 Stationary Glass Removal Tool
- Use an adhesive that is approved by GM Specification GMW-15672

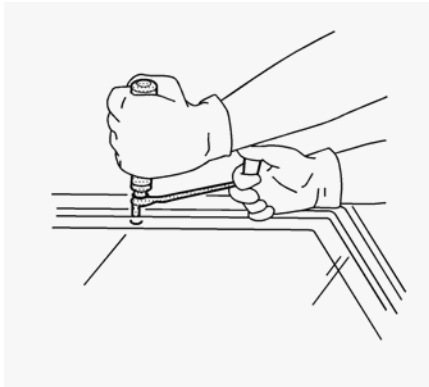
For equivalent regional tools, refer to Special Tools.

Removal Procedure

Warning: If a window is cracked but still intact, crisscross the window with masking tape in order to reduce the risk of damage or person

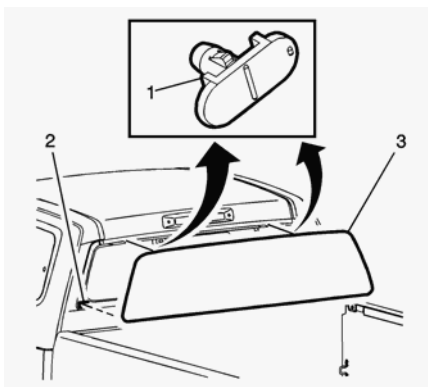
Note: Before cutting out a stationary window, apply a double layer of masking tape around the perimeter of the painted surfaces and the

1. Disconnect the rear window defogger electrical connectors, if equipped
2. Remove the rear end trim finish panel. Refer to Rear End Trim Finish Panel Replacement.
3. Remove the bodyside rear upper trim panel. Refer to Body Side Rear Upper Trim Panel Replacement.
4. Cover to protect the following parts from broken glass, seats and carpeting.



Note: Use care when removing the window not to cut off the locator pins in the left and right upper corners. If the locating pins are cut off, necessary to use masking tape to tape the window in place until the urethane cures.

5. This will allow the urethane to be separated from the window.
- Leave a base of urethane on the pinchweld flange.
 - The only suitable lubrication is clean water.
 - Use BO-24402-A Glass Sealant Remover (Cold Knife).
 - BO-39032 Stationary Glass Removal Tool, or equivalent in order to remove the window.



Note: Save the window height spacers (2) for the rear window.

- With an assistant remove the rear window (3), ensure that the spacers (1) stay in place for reinstalling.

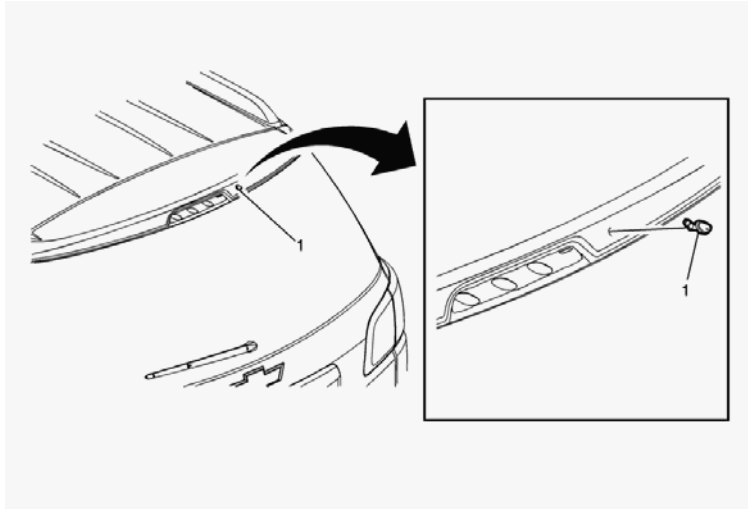
Installation Procedure

Note: Ensure that the windshield spacers are in place for height set.

1. Install the Rear window into the opening. Refer to Adhesive Installation of Rear Windows.
2. Connect the rear window defogger electrical connectors.
3. Install the bodyside rear upper trim panel. Refer to Body Side Rear Upper Trim Panel Replacement.
4. Install the rear end trim finish panel. Refer to Rear End Trim Finish Panel Replacement.
5. Remove the double layer of masking tape around the perimeter of the painted surfaces and the interior trim.

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:
Fuel Delivery: | Fuel:



Rear Window Washer Nozzle Replacement

Callout

Component Name

Preliminary Procedure

Remove the high mount stop lamp. Refer to High Mount Stop Lamp Replacement.

Rear Window Washer Nozzle

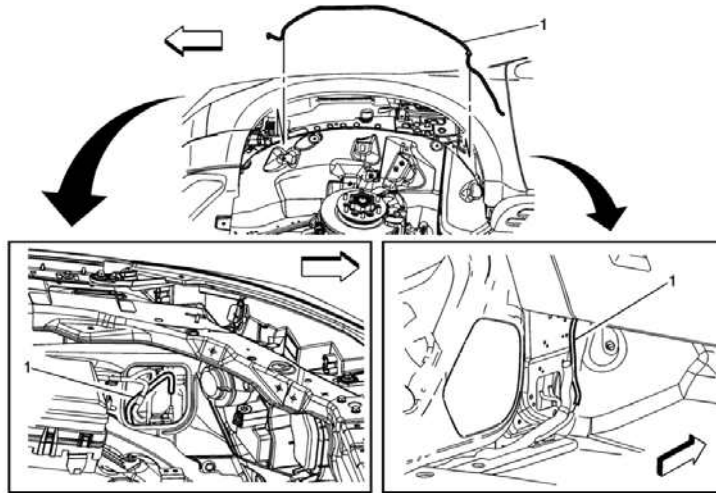
Procedure

1

1. Access the rear window washer nozzle hose through the high mount stop lamp hole and disconnect from the rear window washer nozzle spout.
2. Using a suitable tool depress the two tabs and remove the rear washer nozzle from the liftgate.

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:
Fuel Delivery: | Fuel:



Rear Window Washer Solvent Container Hose Replacement

Callout

Component Name

Preliminary Procedures

1. Remove the front wheelhouse liner. Refer to Front Wheelhouse Liner Replacement.
2. Remove the body hinge pillar trim. Refer to Body Hinge Pillar Trim Replacement.
3. Open and support the hood.

Rear Window Washer Solvent Container Hose

Procedure

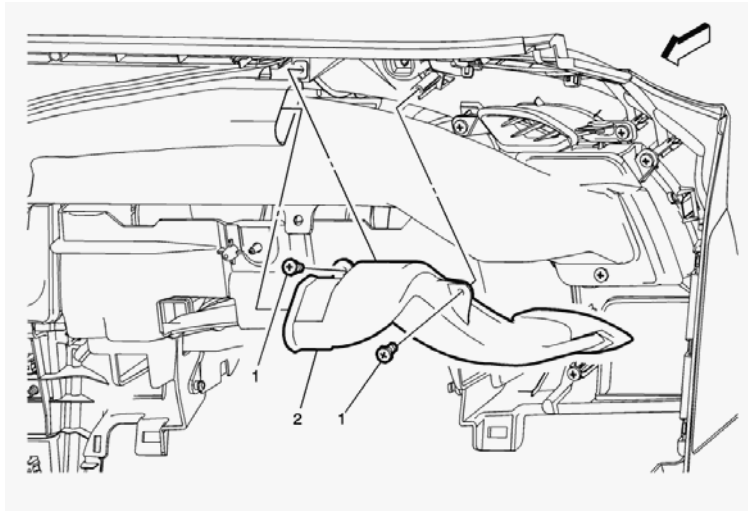
1

1. From engine compartment disconnect rear window washer solvent container hose from windshield washer pump.
2. From inside the vehicle disconnect rear window washer solvent container hose from the hose and electrical harness assembly.
3. Remove the rear window washer solvent container hose grommet from the side panel inner lower reinforcement.
4. Remove rear window washer solvent container hose from vehicle.

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:

Fuel Delivery: | Fuel:



Side Window Defogger Outlet Duct Replacement - Left Side

Callout

Component Name

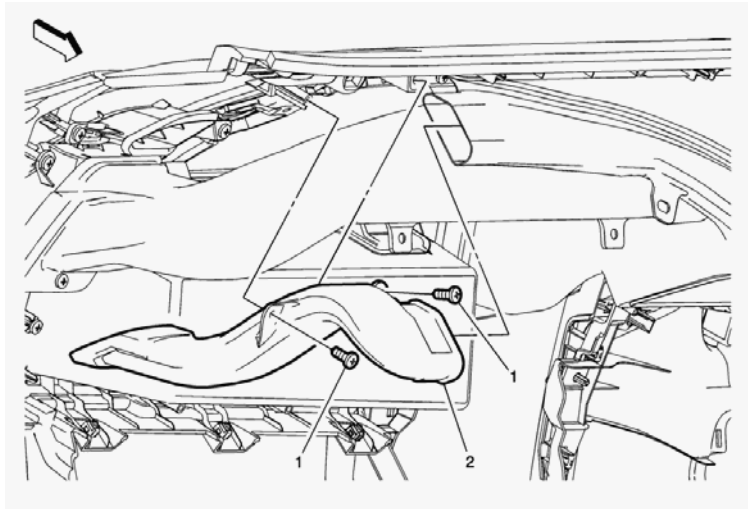
Preliminary Procedure

Remove the instrument panel assembly. Refer to Instrument Panel Assembly Replacement.

- | | |
|---|--|
| 1 | Side Window Defogger Outlet Duct-Left Fasteners(Qty) 2 |
| 2 | Side Window Defogger Outlet Duct-Left |

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:
Fuel Delivery: | Fuel:



Side Window Defogger Outlet Duct Replacement - Right Side

Callout

Component Name

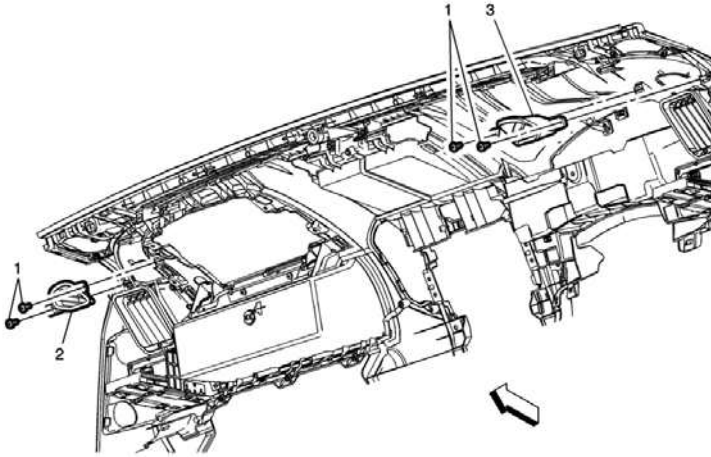
Preliminary Procedure

Remove the instrument panel assembly. Refer to Instrument Panel Assembly Replacement.

- | | |
|---|---|
| 1 | Side Window Defogger Outlet Duct-Right Fasteners(Qty) 2 |
| 2 | Side Window Defogger Outlet Duct-Right |

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:
Fuel Delivery: | Fuel:



Side Window Defogger Outlet Grille Replacement

Callout Preliminary Procedures

Component Name

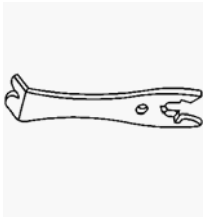
1. Remove the left side window defogger outlet duct. Refer to Side Window Defogger Outlet Duct Replacement - Left Side
2. Remove the right side window defogger outlet duct. Refer to Side Window Defogger Outlet Duct Replacement - Right Side

- | | |
|---|--|
| 1 | Instrument Carrier Bolt (Qty: 4)
Caution: Refer to Fastener Caution. |
| 2 | Side Window Defogger Outlet Grille- Passenger Side |
| 3 | Side Window Defogger Outlet Grille- Driver Side |

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:

Fuel Delivery: | Fuel:

Illustration	Tool Number/ Description
	BO-38778-2 J-38778-2 Door Trim Pad Clip Remover
	BO-39032 J-39032 Stationary Glass Removal Tool
	BO-39040 J-39040 Quarter Window Remover
	BO-0201964 S-0201964 Bonded-Glass Removing Device Brazil-Use local equivalent

2013 Chevrolet Colorado

Submodel: | **Engine Type:** | **Liters:**

Fuel Delivery: | **Fuel:**

Most stationary windows, specifically windshields, are retained to the body with urethane adhesive which adheres the window to the body. This increases structural integrity. The reinstallation of windows with urethane adhesive requires complete replacement of the urethane adhesive bead:

The extended method (also known as long method, full strip or full cut) is the only recommended procedure for General Motor Vehicle. Use an adhesive that is approved by GM, Specification GMW-15672

2013 Chevrolet Colorado

Submodel: | **Engine Type:** | **Liters:**

Fuel Delivery: | **Fuel:**

Most stationary windows, specifically windshields, are retained to the body with adhesive which adheres the window to the body, increasing structural integrity. The reinstallation of the windows with adhesive requires complete replacement of the adhesive bead, and is known as the full cut method. All stationary windows must use a adhesive systems.

2013 Chevrolet Colorado

Submodel: | **Engine Type:** | **Liters:**

Fuel Delivery: | **Fuel:**

For replacement of any adhesive-installed window, use the full cut method only.

Use an adhesive that is approved by GM, Specification GMW-15672.

Use these materials based on specific manufacturer. Do NOT intermix primers or adhesives from one manufacturer to another.

Always follow the system manufacturers instructions for application, handling, and curing.

2013 Chevrolet Colorado

Submodel: | **Engine Type:** | **Liters:**

Fuel Delivery: | **Fuel:**

For replacement of any adhesive-installed window, the full cut method must be used.

Use these materials based on specific manufacturer. Do NOT intermix primers or adhesives from one manufacturer to another.

Always follow the system manufacturers instructions for application, handling, and curing.

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:

Fuel Delivery: | Fuel:

Warning: When replacing stationary windows, only use a single component adhesive kit, or an adhesive system meeting GM Specifications, to maintain original installation integrity. Failure to use the single component adhesive kit will result in poor retention of the window which may allow unrestrained occupants to be ejected from the vehicle resulting in personal injury.

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:

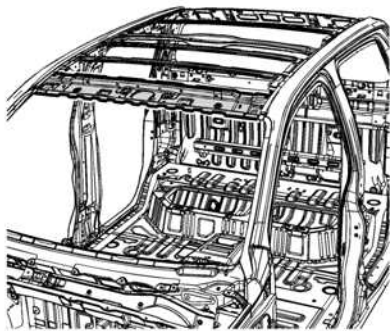
Fuel Delivery: | Fuel:

Note: This procedure is similar to all cabs.

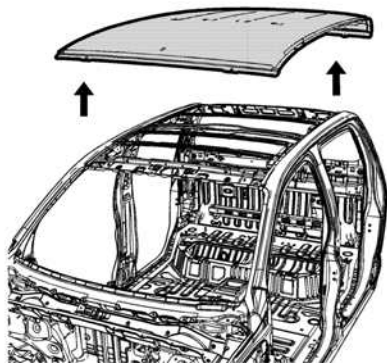
[Removal Procedure](#)

Warning: Refer to Approved Equipment for Collision Repair Warning.

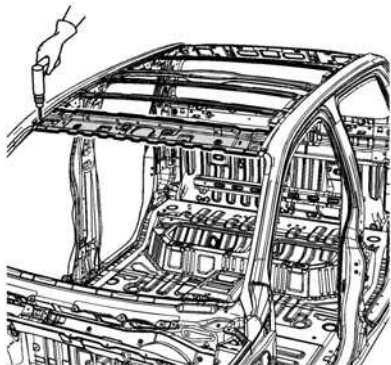
1. Disable the SIR system. Refer to SIR Disabling and Enabling.
2. Disconnect the negative battery cable. Refer to Battery Negative Cable Disconnection and Connection.



3. Remove all related panels and components.
4. Repair as much of the damage as possible to factory specifications. Refer to Dimensions - Body.
5. Note the location and remove the sealers and anticorrosion materials from the repair area, as necessary. Refer to Anti-Corrosion Treat Repair.

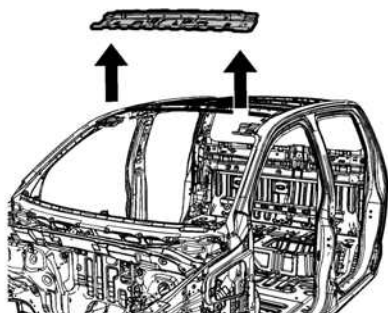


6. Remove the roof panel. Refer to Roof Outer Panel Replacement.
7. Note the location and remove the sealers and anti-corrosion materials from the repair area, as necessary. Refer to Anti-Corrosion Treat Repair.



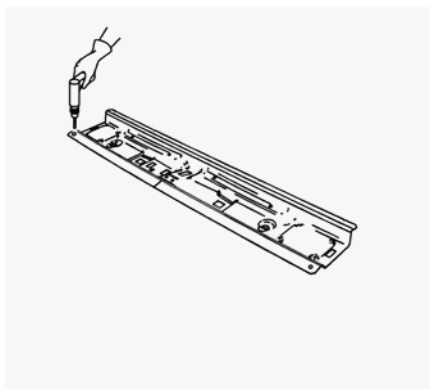
Note: Do not damage any inner panels or reinforcements.

8. Locate and drill out all factory welds. Note the number and location of welds for installation of the service part.



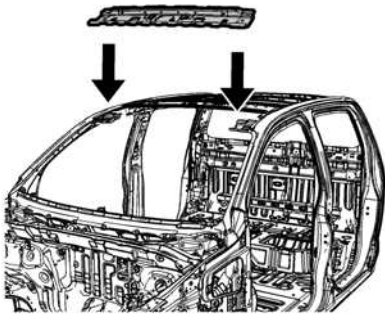
9. Remove the damaged windshield header panel.

Installation Procedure

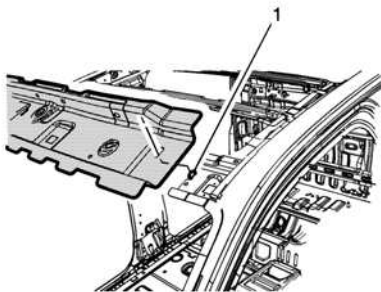


Note: If the location of the original plug weld holes can not be determined, or if structural weld-thru adhesive is present, space the plug w 40 mm (1½ in) apart.

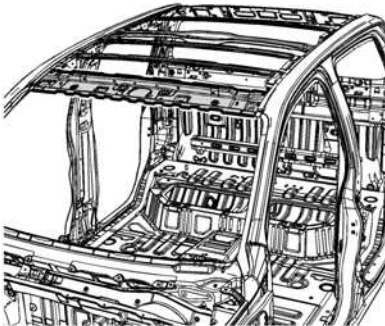
1. Drill 8 mm (5/16 in) plug weld holes in the service part as necessary in the locations noted from the original panel.
2. Prepare all mating surfaces as necessary.
3. Apply Weld-Thru coating or equivalent to all mating surfaces. Refer to Anti-Corrosion Treatment and Repair.



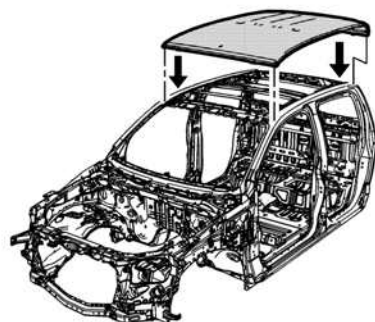
4. Position the windshield header panel.



5. Align the roof header panel over the locator tabs (1).



6. Plug weld accordingly.

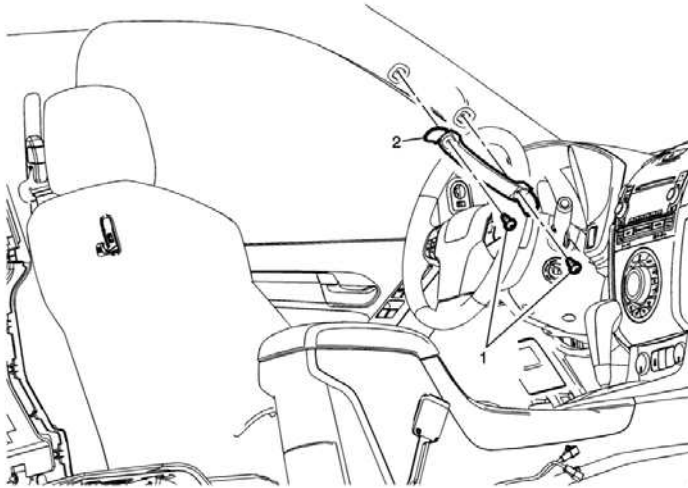


7. Install the roof panel. Refer to Roof Outer Panel Replacement.
8. Clean and prepare all welded surfaces.
9. Apply the sealers and anti-corrosion materials to the repair area, as necessary. Refer to Anti-Corrosion Treatment and Repair.
10. Paint and repair the area. Refer to Basecoat/Clearcoat Paint Systems.
11. Install all related panels and components.

12. Connect the negative battery cable. Refer to Battery Negative Cable Disconnection and Connection.
13. Enable the SIR system. Refer to SIR Disabling and Enabling.

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:
Fuel Delivery: | Fuel:



Windshield Pillar Assist Handle Replacement

Callout

Component Name

Windshield Pillar Assist Handle Fastener (Qty: 2)

Caution: Refer to Fastener Caution.

1

Tighten

6 Y (53 lb in)

Windshield Pillar Assist Handle Assembly

2

Procedure

Use appropriate trim tool to open integral windshield pillar assist handle cover to access fastener.

2013 Chevrolet Colorado

Submodel: | **Engine Type:** | **Liters:**
Fuel Delivery: | **Fuel:**

Special Tools

- S-0201964 Bonded, Glass Removing Device
- Glass Handling Suction Cups
- Use an adhesive that is approved by GM Specification GMW-15672

For equivalent regional tools, refer to Special Tools.

[Removal Procedure](#)

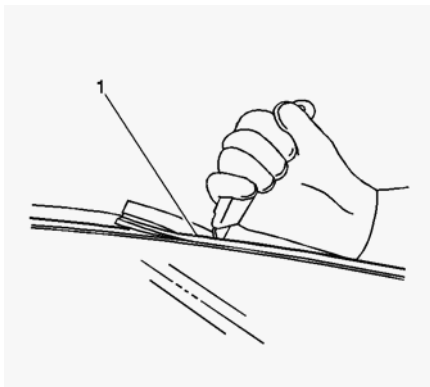
Note: Before cutting out a stationary window, apply a double layer of masking tape around the perimeter of the painted surfaces and the

1. Open the hood.
2. Remove the windshield wiper arms and blades. Refer to Windshield Wiper Arm Replacement.
3. Remove the air inlet grille. Refer to Air Inlet Grille Panel Replacement.
4. Remove the windshield side garnish moldings. Refer to Windshield Side Garnish Molding Replacement.
5. Remove the sunshades. Refer to Sunshade Replacement.
6. Remove the inside rearview mirror. Refer to Inside Rearview Mirror Replacement.
7. Remove the remote control door lock receiver. Refer to Remote Control Door Lock Receiver Replacement.
8. Lower the front edge of the headliner this will allow the special tool S-0201964 Bonded, Glass Removing Device to cut across the top of the headliner and not damage the headliner edge.

Warning: Refer to Defroster Outlet Warning.

9. Cover the following parts to protect from broken glass:

- Upper dash pad
- Defroster outlets and A/C outlets
- Seats and carpeting



Warning: Refer to Glass and Sheet Metal Handling Warning.

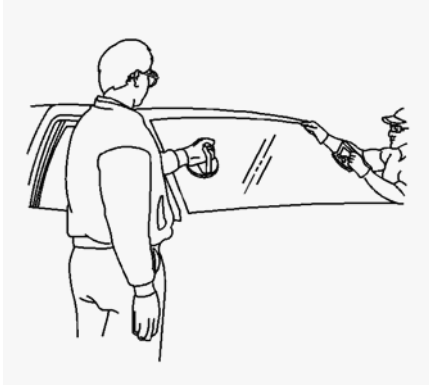
Note: If the original window is being reused the window lace is not serviceable.

- Use the appropriate tool, carefully cut the lace (1) by starting in the center and working down both sides of the window, if equipped.
 - Remove the window from the auto-adhesive as follows:
-
- Leave a base of urethane approximately 2 mm (0.078 in) on the pinch-weld flange.
 - The only suitable lubrication is clear water.
 - Use S-0201964 Bonded, Glass Removing Device.

Note: Use care when removing the window not to cut off the locator pins in the left and right upper corners. If the locating pins are cut off it will use masking tape to tape the window in place until the auto-adhesive cures.

- Start the cut between the center of the windshield and the "A" pillar.
-
1. Do this from inside the vehicle, insert the tool S-0201964 Bonded, Glass Removing Device (1) between the "A" pillar and the windshield perforating the adhesive.
 2. Move the cutting wire along the outside edge of the window.
 3. Remove the tool S-0201964 Bonded, Glass Removing Device.
 4. Do this from inside the vehicle, install the cutting wire special tool S-0201964 Bonded, Glass Removing Device (1).

5. Do this from outside the vehicle, install the cutting wire special tool S-0201964 Bonded, Glass Removing Device (2).
6. With an assistant, use the special tool S-0201964 Bonded, Glass Removing Device (1) to hold the cutting wire, pull it starting from the and forth releasing the window from the adhesive.
7. While cutting the window reposition the cutting wire and special tools, so as to cut the adhesive along the window completely.



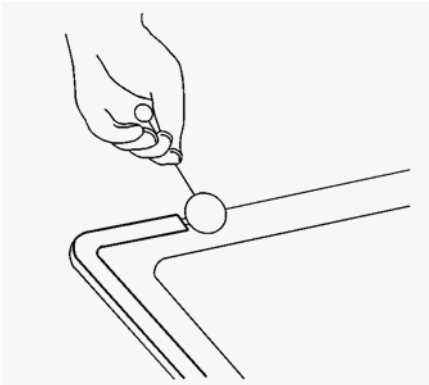
- With an assistant remove the windshield, ensure that the spacers stay in place for reinstalling.

[Installation Procedure](#)

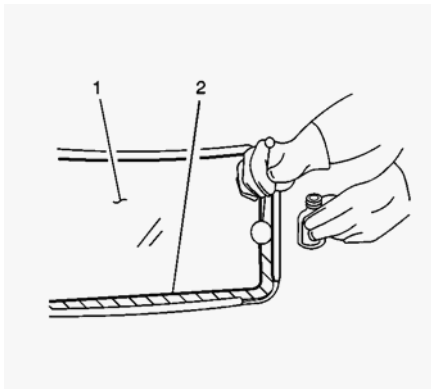
1. If reusing or replacing the window, use the appropriate tool, remove the auto-adhesive bead on the window surface and pinch-weld flange approximately 2 mm (0.078 in).



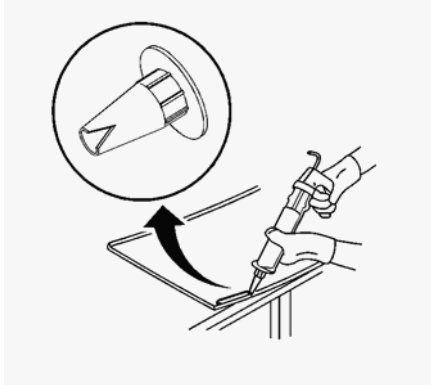
2. Clean the bonding area of the window.



3. Apply bonded-glass primer and let dry per auto-adhesive instructions by the manufacturer's.



4. Apply the auto-adhesive primer-application (2) around the perimeter of the rear window (1) and let dry per auto-adhesive instructions by manufacturer's.



5. Cut the applicator nozzle to provided a V cut to apply the auto-adhesive.

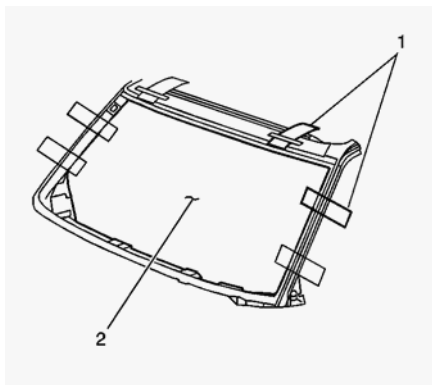


Note: If the locating pins were cut off in the removal it will be necessary to tape the window in place until the auto-adhesive cures per instructions by the manufacturer's.

6. With an assistant, use the glass handling cups, align the windshield locating pins to the slots located in each corner of the pinch-weld the windshield to touch the auto-adhesive.
7. Remove the glass handling cups.



8. Gently depress the windshield on the auto-adhesive bead until the windshield is seated 1 mm (0.039 in) below the roof.



9. Use masking tape (1) to hold the window (2) in the position until the auto-adhesive completely cures.
10. Make sure to observe the auto-adhesive curing time before releasing the vehicle per auto-instructions by the manufacturer's.

Note: Following the auto-adhesive installation instructions, using naphtha to remove any excess of auto-adhesive within 30 minutes, otherwise possible to remove the auto-adhesive excess unless using mechanical means.

11. Remove the double layer of masking tape around the perimeter of the painted surfaces and the interior trim.



Note: Do not direct a hard stream of high pressure water to the freshly applied auto-adhesive.

12. Use a soft spray of warm water in order to immediately water test the windshield.
13. Inspect the windshield for leaks.
14. If any leaks are found, use a plastic paddle in order to apply extra auto-adhesive at the leak point.
15. Retest the windshield for leaks.
16. Maintain the following conditions in order to properly cure the auto-adhesive:
 - Partially lower a door window in order to prevent pressure buildups when closing doors before the auto-adhesive cures.
 - Do not use compressed air in order to dry the auto-adhesive.



- Clean any excess auto-adhesive from the body.
- Install the air inlet grille. Refer to Air Inlet Grille Panel Replacement.
- Install the windshield wipers arms and blades. Refer to Windshield Wiper Arm Replacement.
- Install the windshield side garnish moldings. Refer to Windshield Side Garnish Molding Replacement.
- Install front edge of the headliner.
- Install the sunshades. Refer to Sunshade Replacement.
- Install the inside rearview mirror. Refer to Inside Rearview Mirror Replacement.
- Install the remote control door lock receiver. Refer to Remote Control Door Lock Receiver Replacement.
- Ensure that all electrical components operate properly.

- Close the hood.

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Special Tools

- *BO-24402-A* Glass Sealant Remover (Cold Knife)
- *BO-39032* Stationary Glass Removal Tool
- Use an adhesive that is approved by GM Specification GMW-15672

For equivalent regional tools, refer to Special Tools

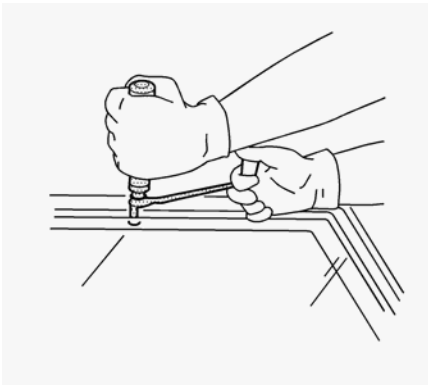
Note: Before cutting out a stationary window, apply a double layer of masking tape around the perimeter of the painted surfaces and the interior

1. Open the hood.
2. Remove the windshield wiper arms and blades. Refer to Windshield Wiper Arm Replacement.
3. Remove the air inlet grille panel. Refer to Air Inlet Grille Panel Replacement.
4. Remove the left and right windshield side garnish moldings. Refer to Windshield Side Garnish Molding Replacement.
5. Remove the rearview mirror. Refer to Inside Rearview Mirror Replacement.
6. Disconnect the remote control lock receiver. Refer to Remote Control Door Lock Receiver Replacement.

Warning: If broken glass falls into the defroster outlets, it can be blown into the passenger compartment and cause personal injury.

7. Cover to protect the following parts from broken glass:

- Upper dash pad
- Defroster outlets and A/C outlets
- Seats and carpeting



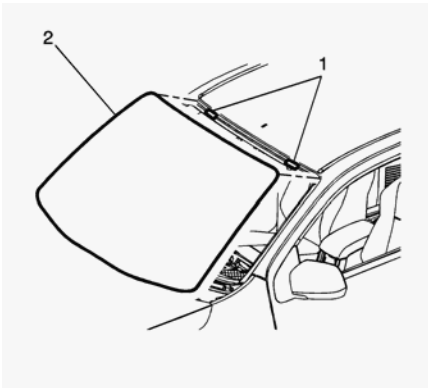
Warning: Refer to Glass and Sheet Metal Handling Warning

Note: Use care when removing the window not to cut off the locator pins in the left and right upper corners. If the locating pins are cut off it will be necessary to use masking tape to tape the window in place until the urethane cures.

- This will allow the urethane adhesive to be separated from the window.
- Leave a base of urethane on the pinchweld flange.
- The only suitable lubrication is clear water.
- *BO-24402-A* Glass Sealant Remover (Cold Knife)
- *BO-39032* Stationary Glass Removal Tool



- Remove the bottom of the windshield from the urethane adhesive using a long appropriate tool or similar tool. Keep the cutting edge of the tool against the glass. Do this from inside the vehicle.



- With an assistant remove the windshield (2), ensure that the spacers (1) stay in place for reinstalling.

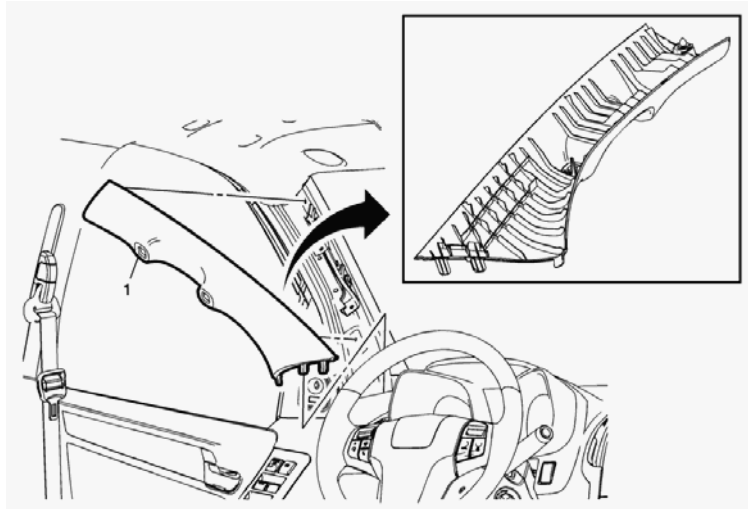
Installation Procedure

Note: Ensure that the windshield spacers are in place for height set.

1. Install the windshield into the opening. Refer to Adhesive Installation of Windshields.
2. Install the air inlet grille panel. Refer to Air Inlet Grille Panel Replacement.
3. Install the windshield wipers arms and blades. Refer to Windshield Wiper Arm Replacement.
4. Install the left and right windshield garnish molding. Refer to Windshield Side Garnish Molding Replacement.
5. Install the rearview mirror. Refer to Inside Rearview Mirror Replacement.
6. Connect the remote control lock receiver. Refer to Remote Control Door Lock Receiver Replacement.
7. Remove the double layer of masking tape around the perimeter of the painted surfaces and the interior trim.
8. Close the hood.

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Windshield Side Garnish Molding Replacement

Callout

Component Name

Preliminary Procedures

1. Disable the SIR system, if equipped. Refer to SIR Disabling and Enabling.
2. Remove the windshield pillar assist handle. Refer to Windshield Pillar Assist Handle Replacement.

Windshield Side Garnish Molding Assembly

Procedure

1

1. Tabs must be installed prior to retainers.
2. Tabs to be fully seated in the instrument panel (I/P) trim panel retainer and valance panel.