

1997 - 2004 Corvette: Service Bulletin: General Waterleak Guide

Subject: General Waterleak Guide

Source: Chevrolet Dealer Technical Service Bulletin

Number: 02-08-57-003

Models: 1997-2002 Chevrolet Corvette

Condition 1

Water is dripping on the passenger side transmission tunnel.

Cause

The plentium drain may be plugged or compressed.

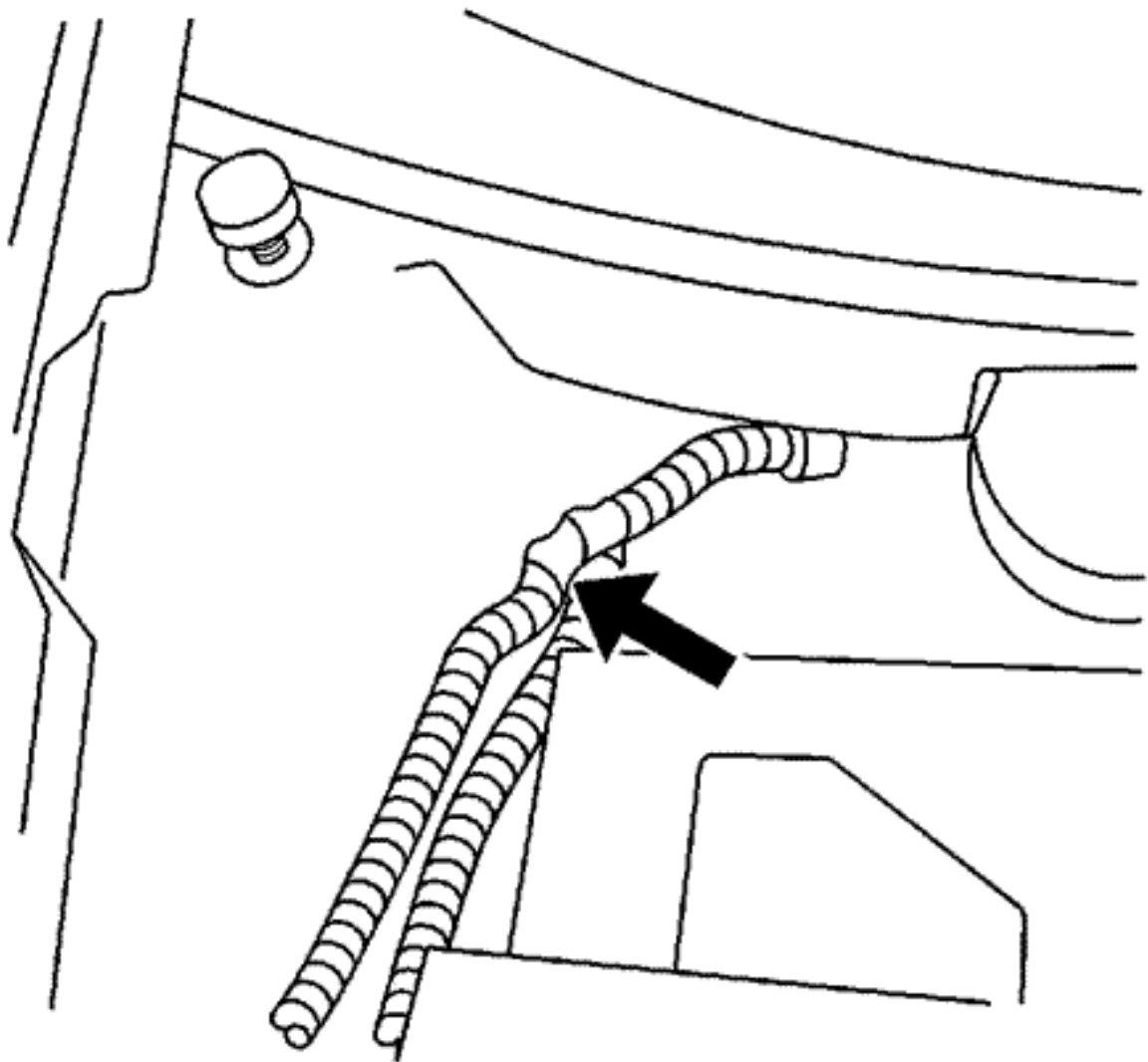
Correction

Inspect the drain and unplug, if necessary.

Condition 2

Water is dripping on top of the passenger side carpet.

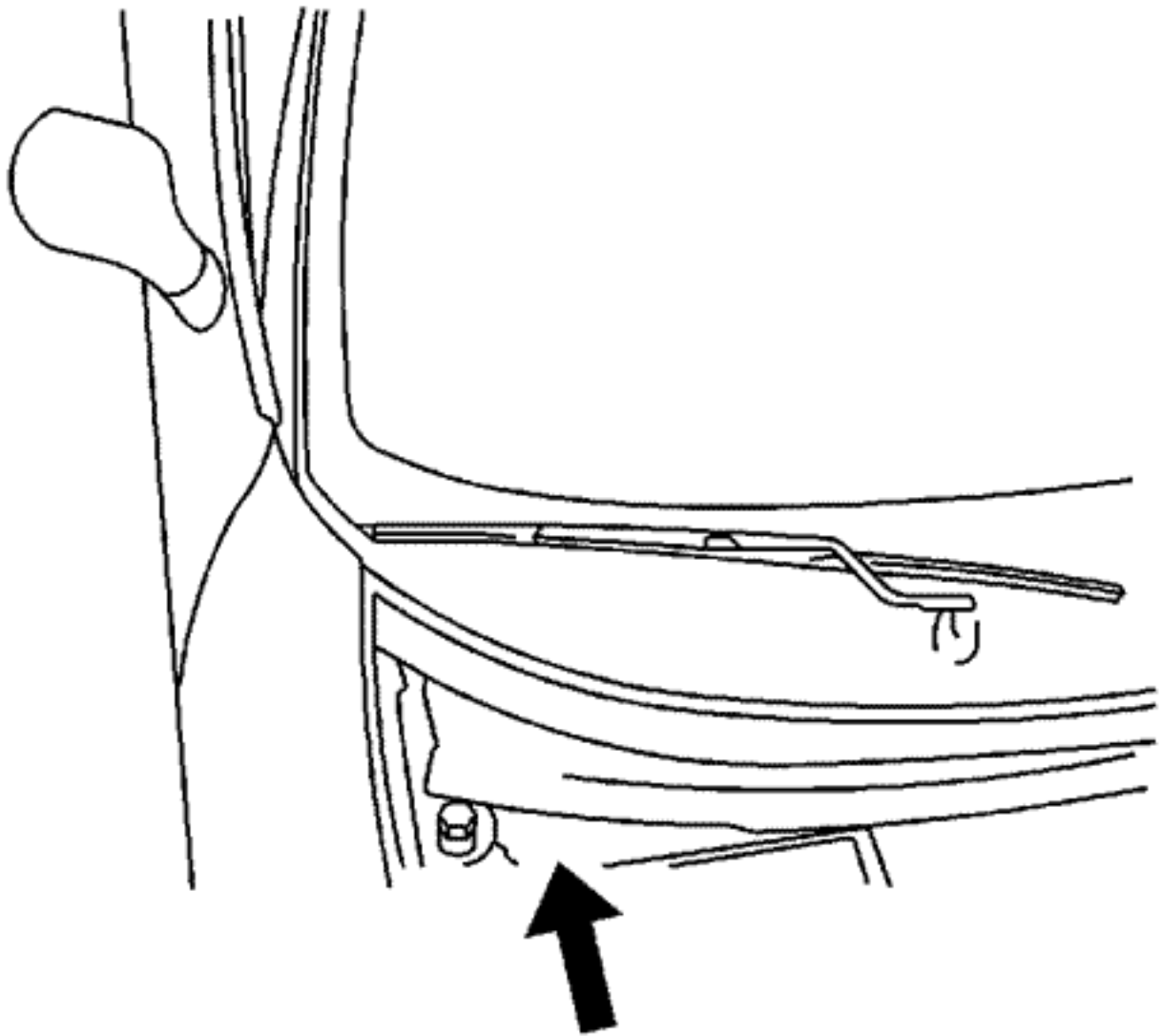
Cause



A wire harness leading into the passenger side compartment may be mis-routed (bent upward) at the first split in the wire harness. This may allow water to enter the harness and into the passenger side compartment. Refer to the arrow in the illustration.

Correction

Remove the battery and push the harness downward.

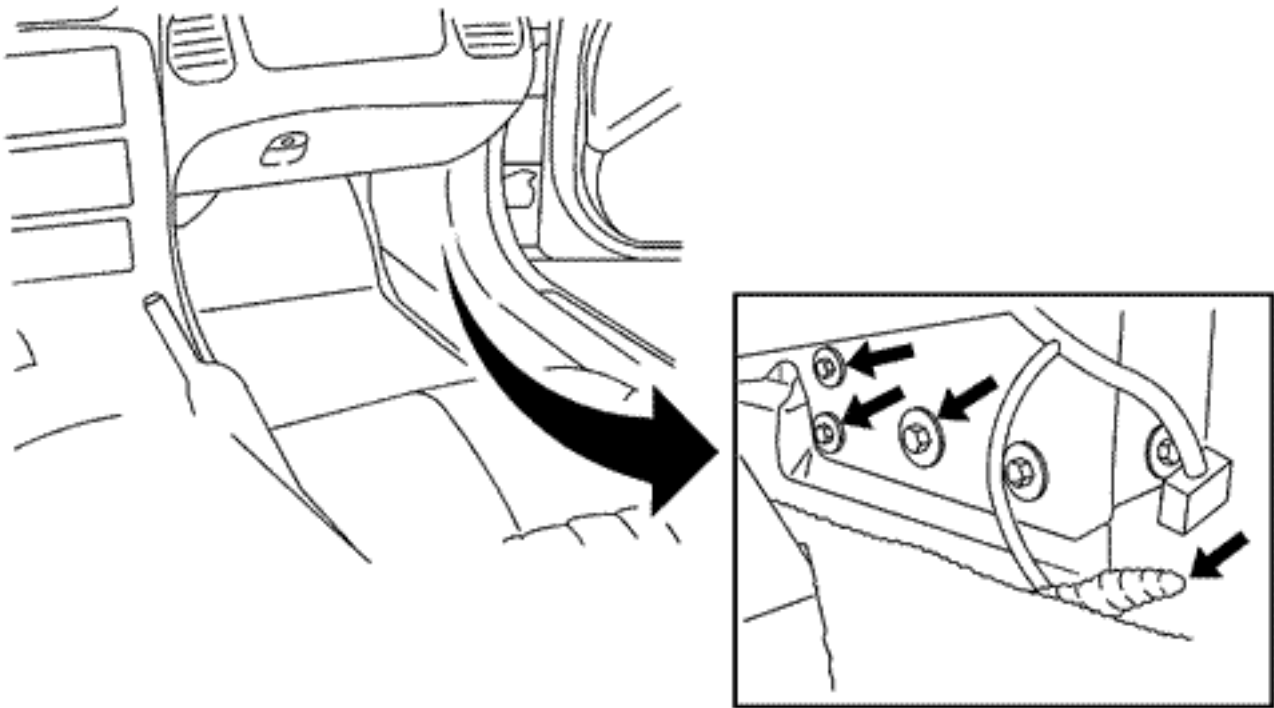


Verify the leak by flooding the front of the dash. Refer to the arrow in the illustration.

Condition 3

The carpet is wet under the passenger side floor.

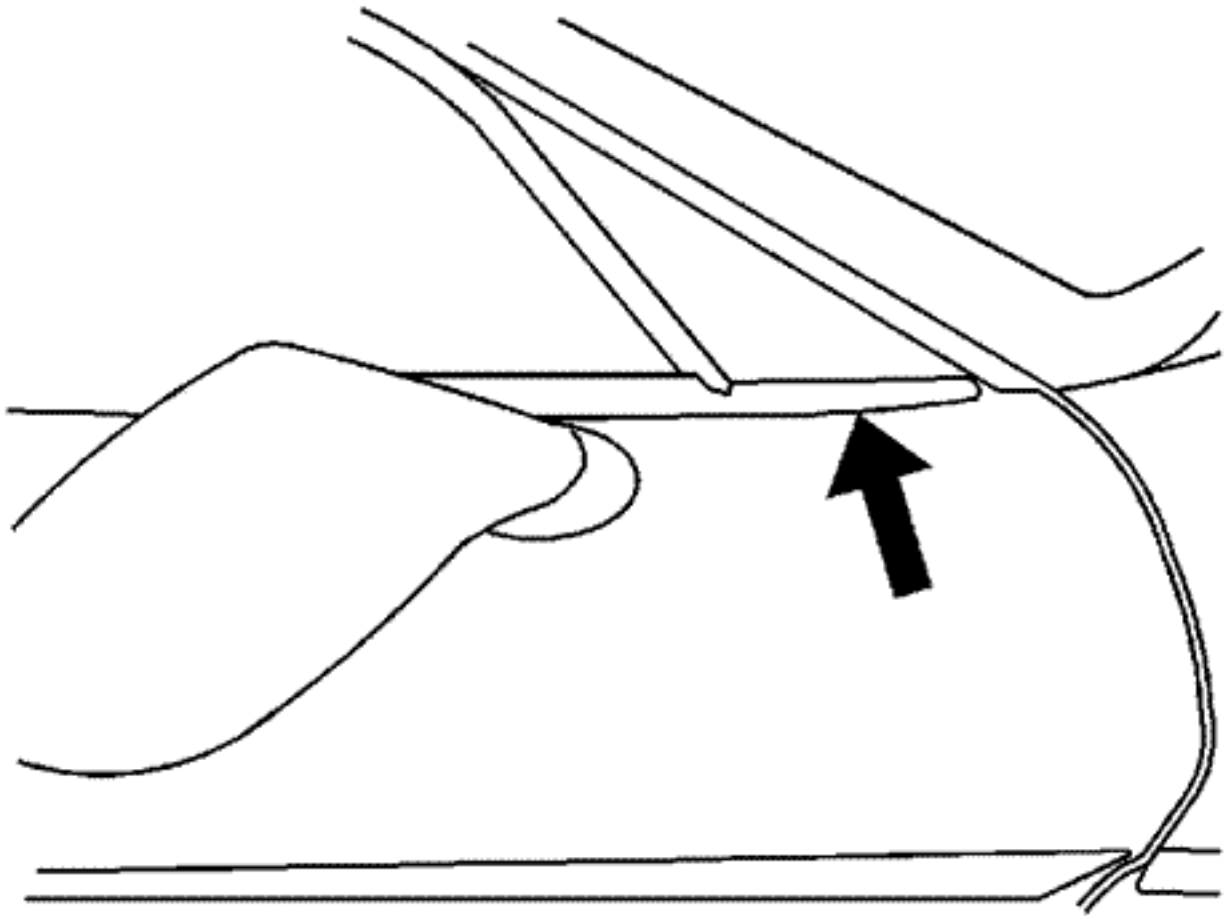
Cause



The dash attaching bolts may not be sealed. Refer to the bolts in the illustration.

The lower hinge pillar may not be sealed. Refer to the arrow in the lower right hand corner in the illustration above.

Correction



1. Verify the leak by flooding the hinge area. Refer to the arrow in the illustration.
2. Clean the area with one of the cleaners listed below.
3. Reseal the area with the Kent™ sealer listed below.

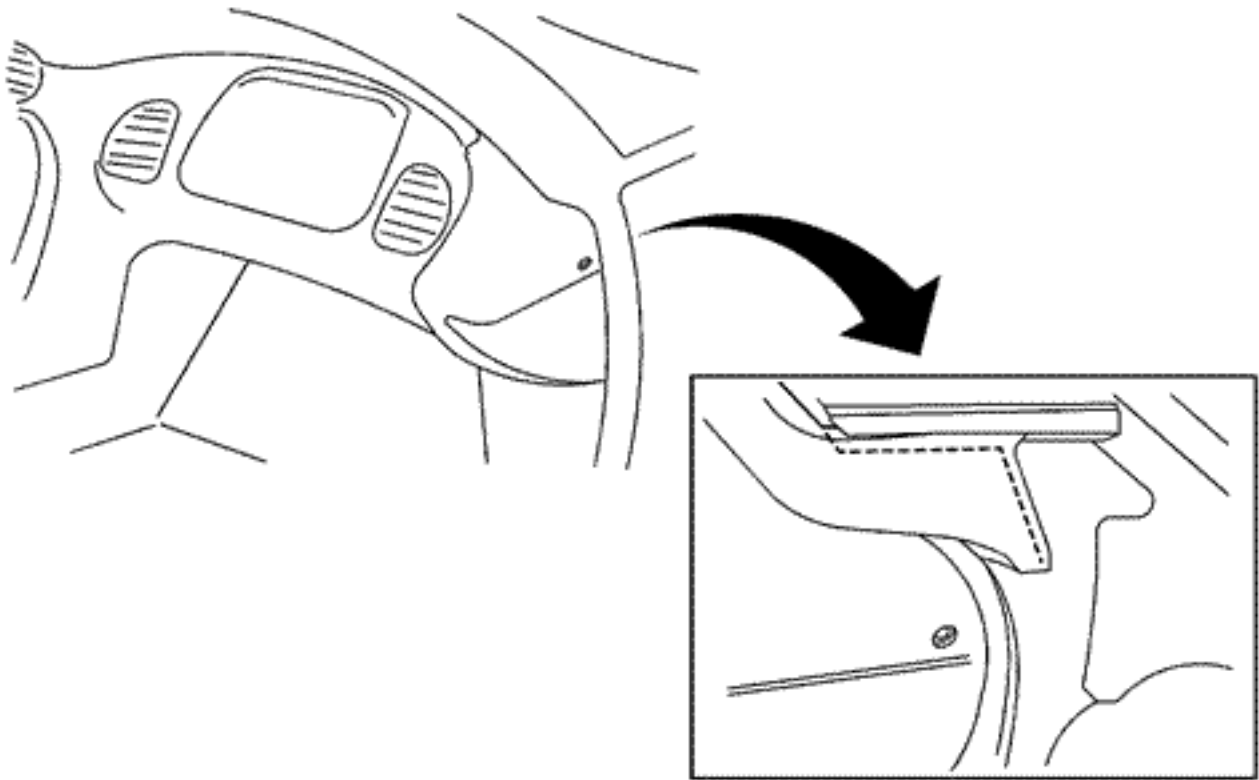
Condition 4

Water is running down the front edge of the door or water is on top of the sill plate.

Cause

The butyl strip under the seal at the base of the "A" pillar may not be sealing properly or the push-in fastener may not be seated.

Correction



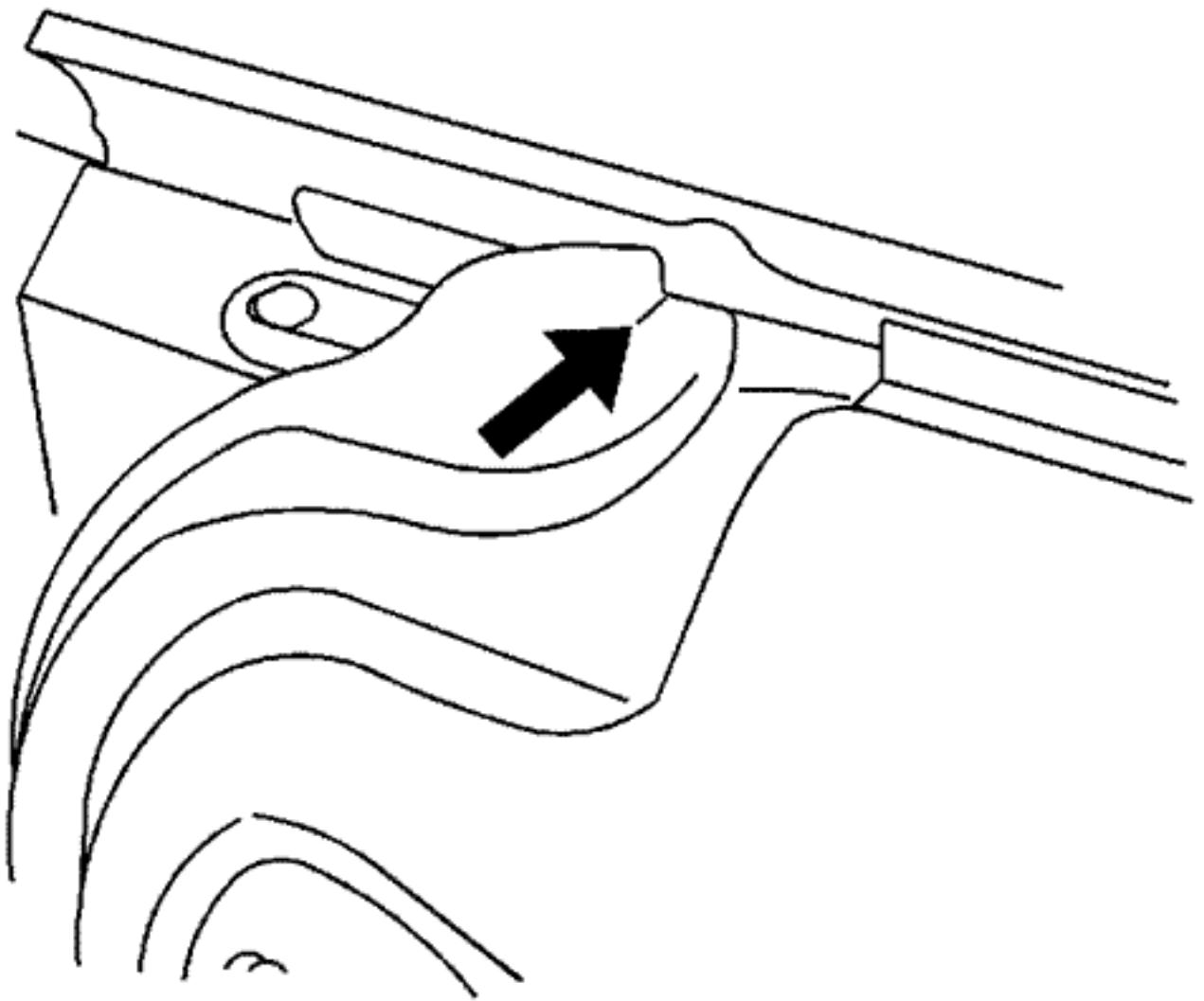
Clean the area with one of the cleaners listed below.

Reseal the "A" pillar starting at the bottom of the weatherstrip retainer with the GM sealer listed below. Refer to the dotted line in the illustration for sealing.

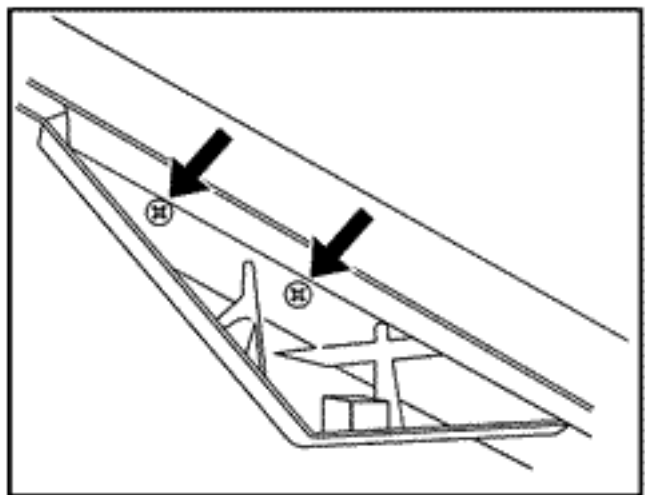
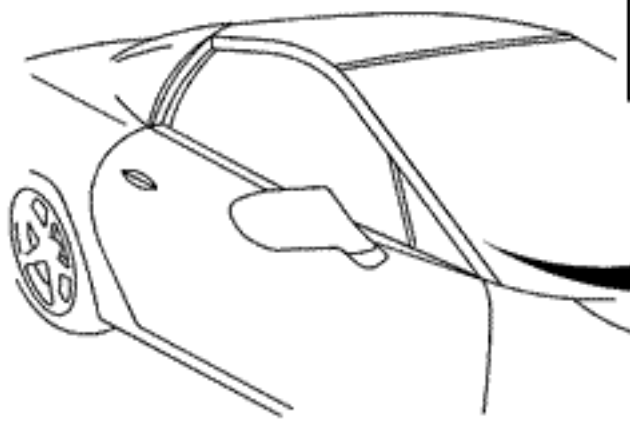
Condition 5

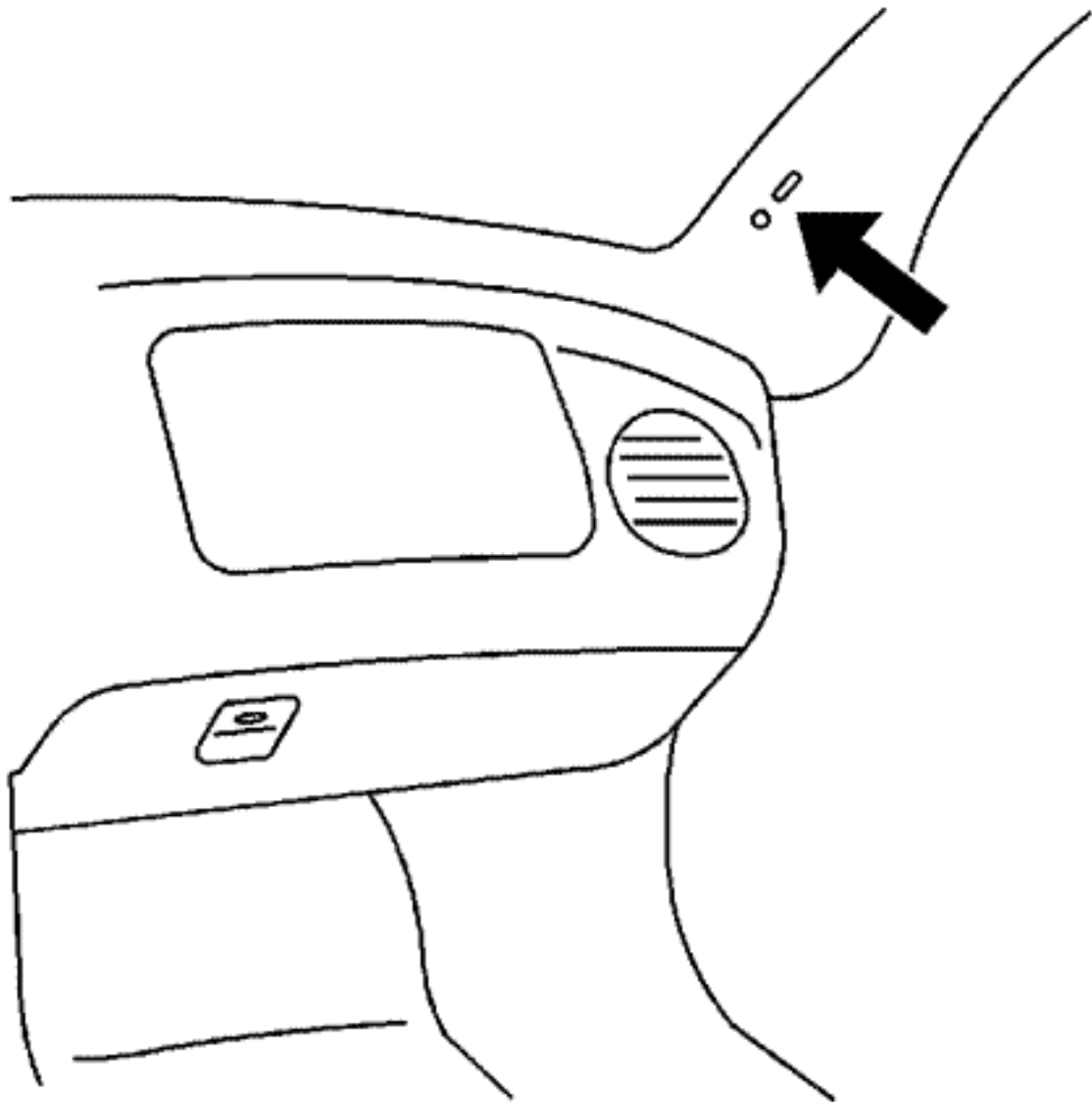
Water is running down the front edge of the door or water is on top of the sill plate.

Cause



Water may be leaking around the weatherstrip at the top of the door due to an undesirable nub in the weatherstrip at the top of the door. Refer to the arrow in the illustration .





Two screws may not be sealed under the "A" pillar garnish molding. Refer to the illustration. During water test with the "A" pillar molding off, there may be water coming out of either the garnish molding retaining hole or the wire harness retaining hole. Refer to the arrow in the illustration.

Correction

Replace the weatherstrip.

Seal the two screws with the Kent™ sealer listed below.

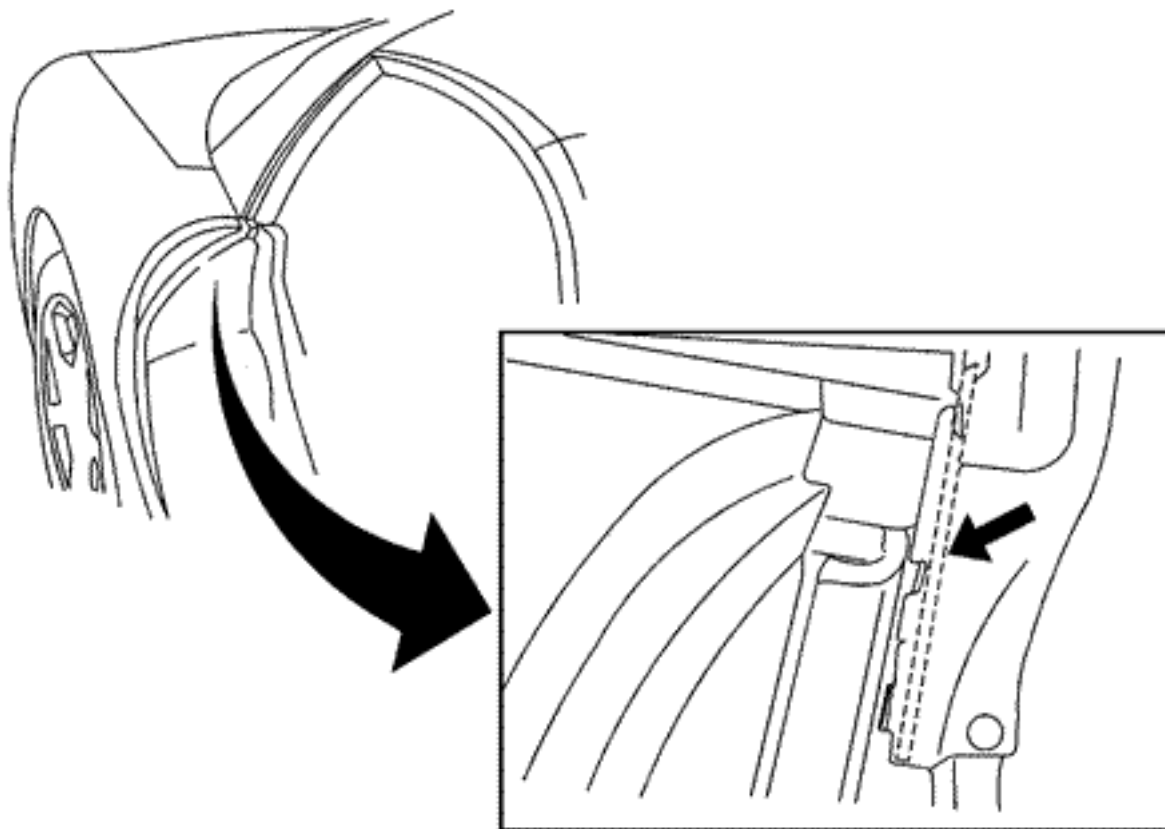
Condition 6

The floor is wet behind the seat belts.

Cause

The "B" pillar weatherstrip may not be sealed properly.

Correction



Reseal the weatherstrip with the GM sealer listed below. Refer to the dotted line in the illustration for sealing area.

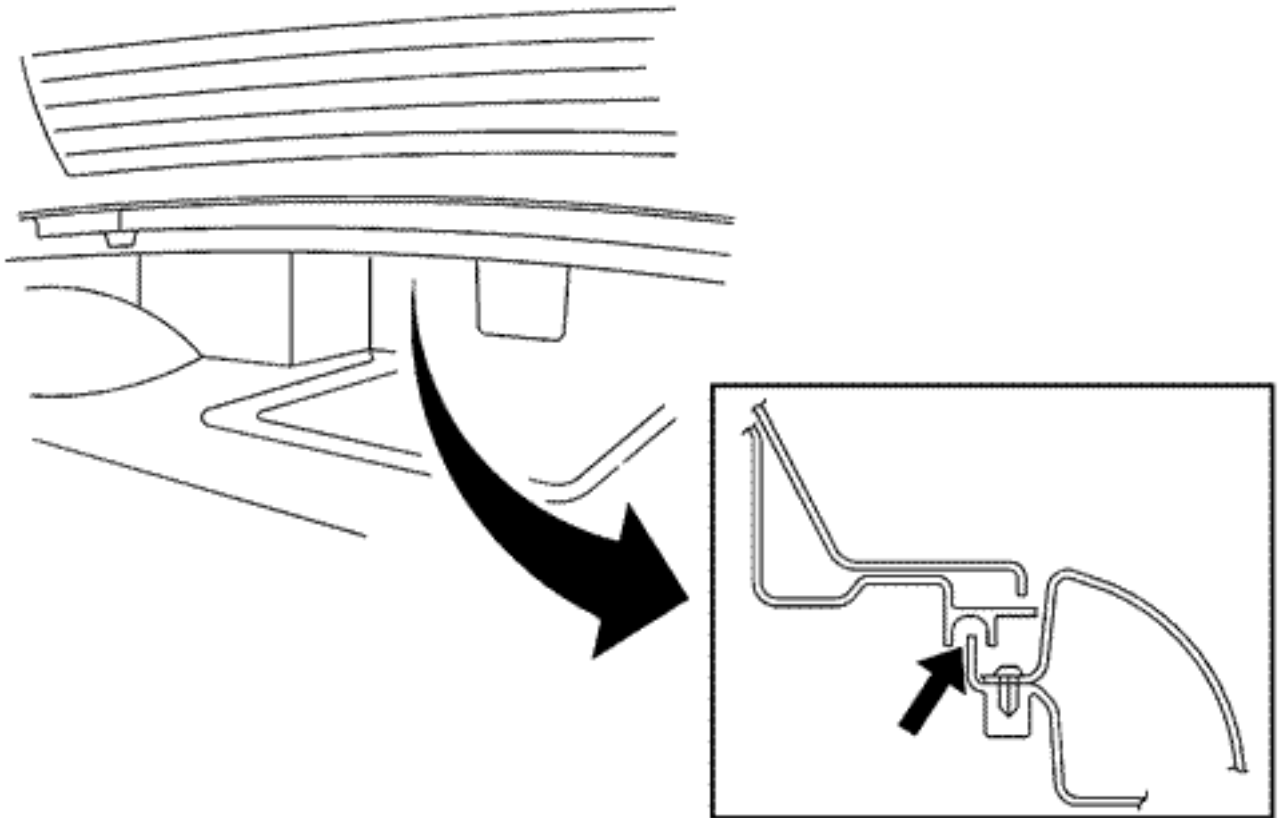
Condition 7

There may be a leak around the perimeter of the hard top causing water to drip from the garnish molding into the rear compartment.

Cause

There may be a void in the sealer between the body and the hard top.

Correction

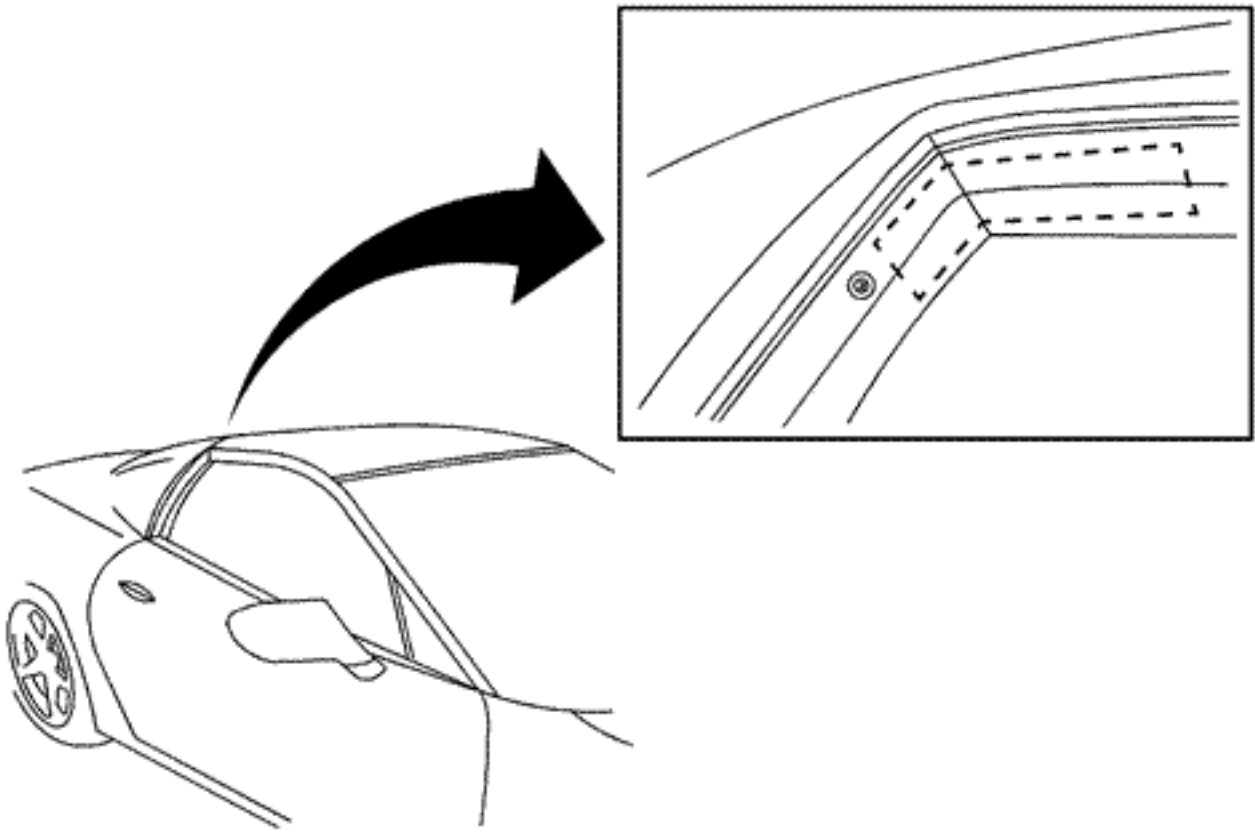


Clean the area with one of the cleaners listed below and seal the area shown in the illustration with the Kent™ sealer listed below.

Condition 8

The floor is wet behind the seat belts (Hardtop/ Z06 only).

Cause



The top corner of the weatherstrip may not be sealed properly. Refer to the area shown in the illustration.

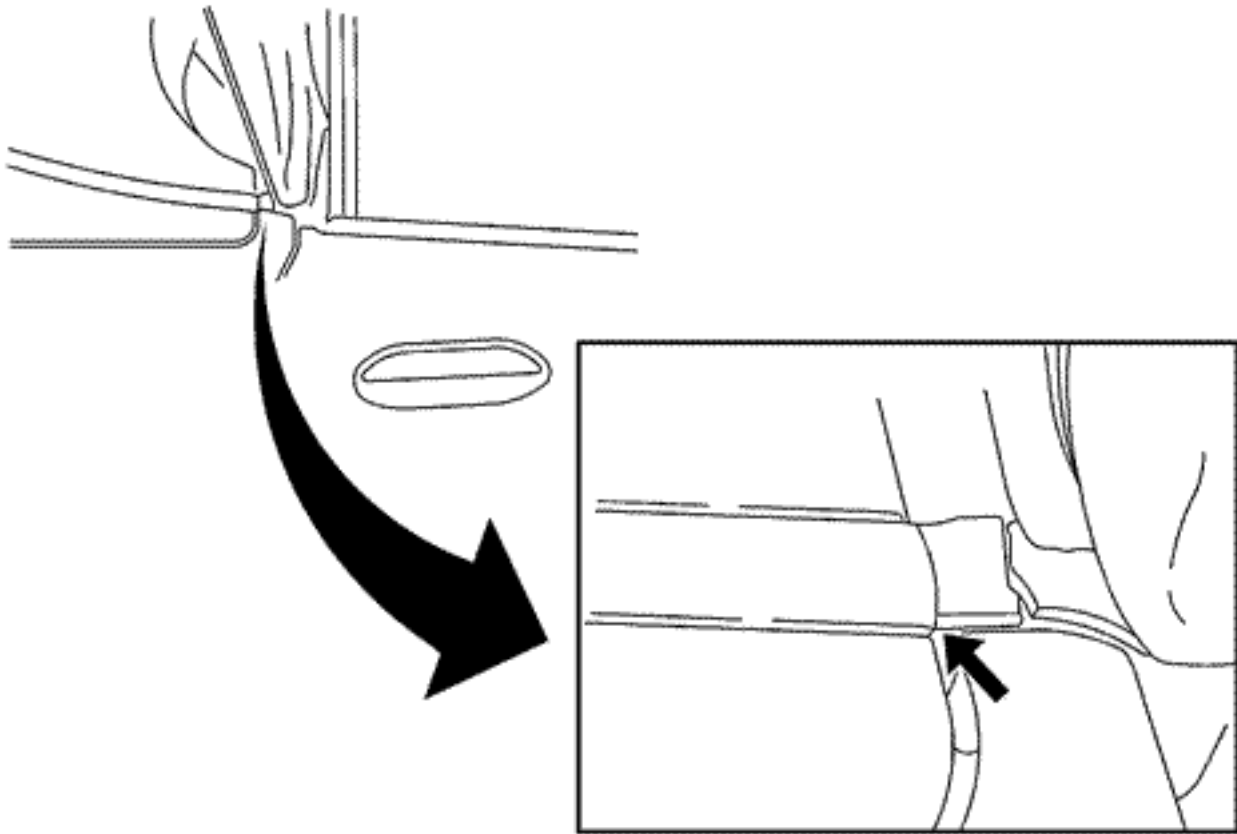
Correction

Reseal the weatherstrip with the GM sealer listed below. Refer to the sealer in the illustration.

Condition 9

The floor is wet behind the seat belts or water seems to be entering through the hole in the interior trim panel where the seat belt feeds through.

Cause

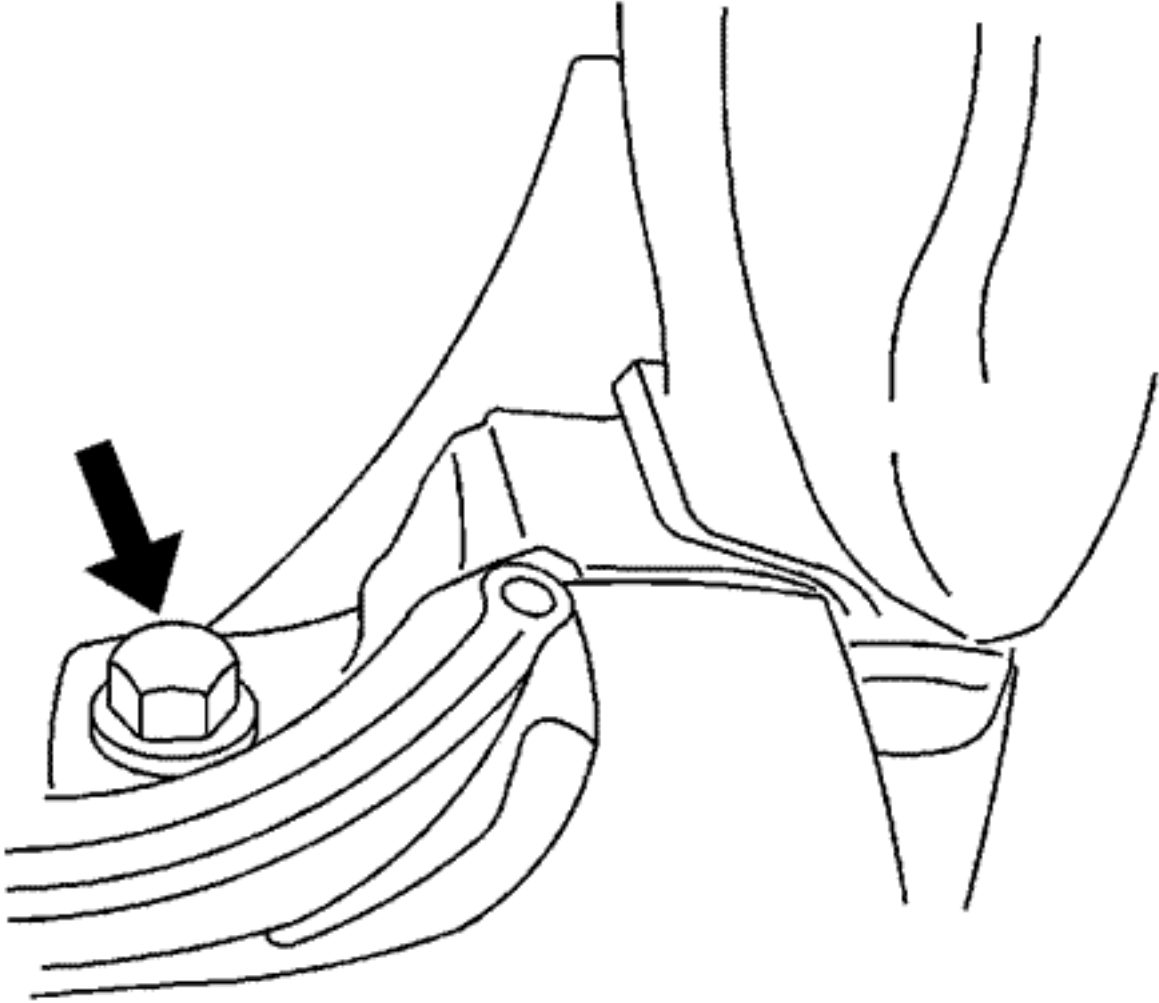


The fit where the front edge of the convertible top stowage compartment lid "protector" contacts the rear edge "bulb seal" of the "mucket"*. Refer to the illustration above.

* "Mucket" is the term used to refer to each end of the convertible top stowage compartment lid weatherstrip.

The front edge of the stowage lid protector should overhang the stowage lid by approximately 3 mm (0.12 in). That 3 mm (0.12 in) overhang should then firmly contact the bulb seal rear edge of the mucket to complete the seal between the stowage lid and the lower "B" pillar.

Correction



If moving the lid forward or rearward, a 4 mm (0.16 in) gap between the rear of the stowage lid and the front of the trunk lid must be maintained.

Adjust the stowage lid cover downward slightly for more contact. Refer to the illustration above.

Cleaners

- Kent Acrosol
- 3M® General Purpose Adhesive Cleaner, P/N 08984

- Dominion Sure Seal, Sure Solve BSS

Sealer

Kent Automotive™, Wet/Dry Re-Sealant P/N 10570 11 fl. oz. cartridge (in Canada P/N 10570, 325 ml)

Kent Wet /Dry Re-Sealant can be purchased by calling 1-800-654-6333 (in Canada, 1-800-563-1717)

GM Weather Strip Adhesive Gel-Black 2 fl. oz tube, P/N 12345096

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