



Service Bulletin

File in Section: -

Bulletin No.: PI0826

Date: October, 2012

PRELIMINARY INFORMATION

Subject: Water Intrusion in Left and/or Right Front Passenger Compartment Floor

Models: 2012-2013 Chevrolet Sonic
Condition/Concern

Some customers may comment that the front foot well carpet is wet. This condition is most prevalent when the vehicle is parked on an incline and the right front of the vehicle is elevated.



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This condition may be caused by water intrusion through the HVAC fresh air inlet assembly, located in the plenum at the base of the windshield. The water may be flowing along the edge of the front windshield glass and dripping into the fresh air inlet. If the water intrusion is in this area, the passenger compartment air filter may also be saturated.

Recommendation/Instructions

Use the following steps to create a dam that will redirect the water runoff and to inspect the passenger compartment air filter.

1. Remove the air inlet grille panel. Refer to Air Inlet Grille Panel Replacement in SI. Use care to not damage or tear the left and right rear hood seals when removing the grille panel.

When removing the four push pins that retain the grille to the body, note their position. One or more of the fasteners have a foam seal to prevent water intrusion. Ensure all fasteners are reinstalled in the correct location.



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2. Locate the inner fender near the right hood hinge and measure in (toward the center of the vehicle) 125 mm (5.0 in).



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3. Place a piece of masking tape on the windshield glass at this location.
4. Prepare a 50 mm (2.0 in) long piece of windshield installation butyl such as *3-M® Window Weld™ Ribbon Sealer, Part # 08612 or the equivalent.



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5. Install the butyl on the edge of the windshield glass. Ensure the material fully fills the gap between the glass and the body metal and extends onto the bottom of the flange as shown.
6. Firmly press the material into position.
7. Reinstall the air inlet grille panel. Refer to Air Inlet Grille Panel Replacement in SI.
8. If necessary, reglue the left and right hood seals to the body or inlet panel using weatherstrip adhesive.
9. Remove and inspect the passenger compartment air filter for permanent water damage or moisture. If the filter is only damp, do not replace the filter as it will dry as the HVAC system is used. If the filter is damaged or saturated with water, replace the filter. Refer to Passenger Compartment Air Filter Replacement in SI.

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Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
B6831*	Install Butyl Material To Base Of Windshield, Inspect Passenger Compartment Air Filter	0.7 hr
*This is a unique labor operation for bulletin use only. It will not be published in the Labor Time Guide.		