



Service Bulletin

File in Section: -

Bulletin No.: 18-NA-362


Date: December, 2018

TECHNICAL

Subject: Wind Noise and/or Water Leak at Front Roof or Windshield, Water Running Down Interior A-Pillar

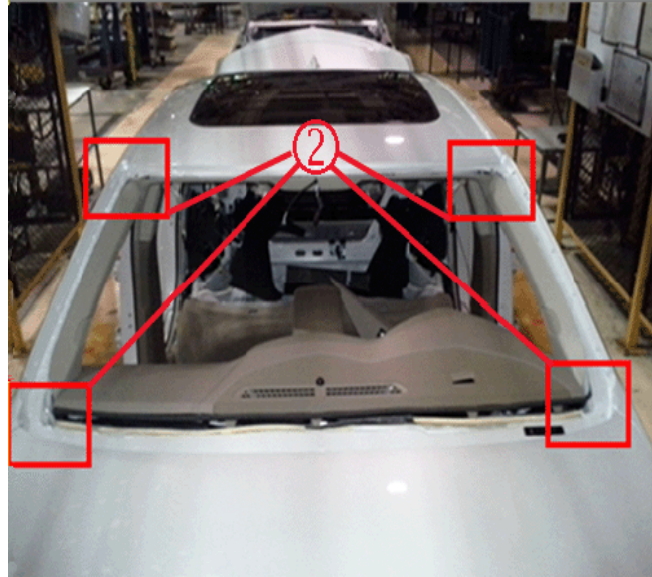
Attention: This Bulletin replaces PI1509A. Please discard PI1509A.

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Cadillac	ATS	2014	2019			All	All
	CTS Sedan (VIN A)	2014	2015				
	CTS	2016	2019				

Involved Region or Country	North America and N.A. Export Regions
Condition	Some customers may comment on hearing a wind noise from the front roof/windshield area, or on finding water/wet carpet in the front floor footwell area.
Cause	<p>The cause of the condition may be pin holes, cracks or voids in the forward roof ditch laser braze area, or in the upper windshield flange seam or lower corners of the windshield opening. Examples of the leak areas are shown below.</p> <p>Possible Laser Braze Water Leak Areas (1)</p> 

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Possible Windshield Opening Flange Seam Water Leak Areas (2)

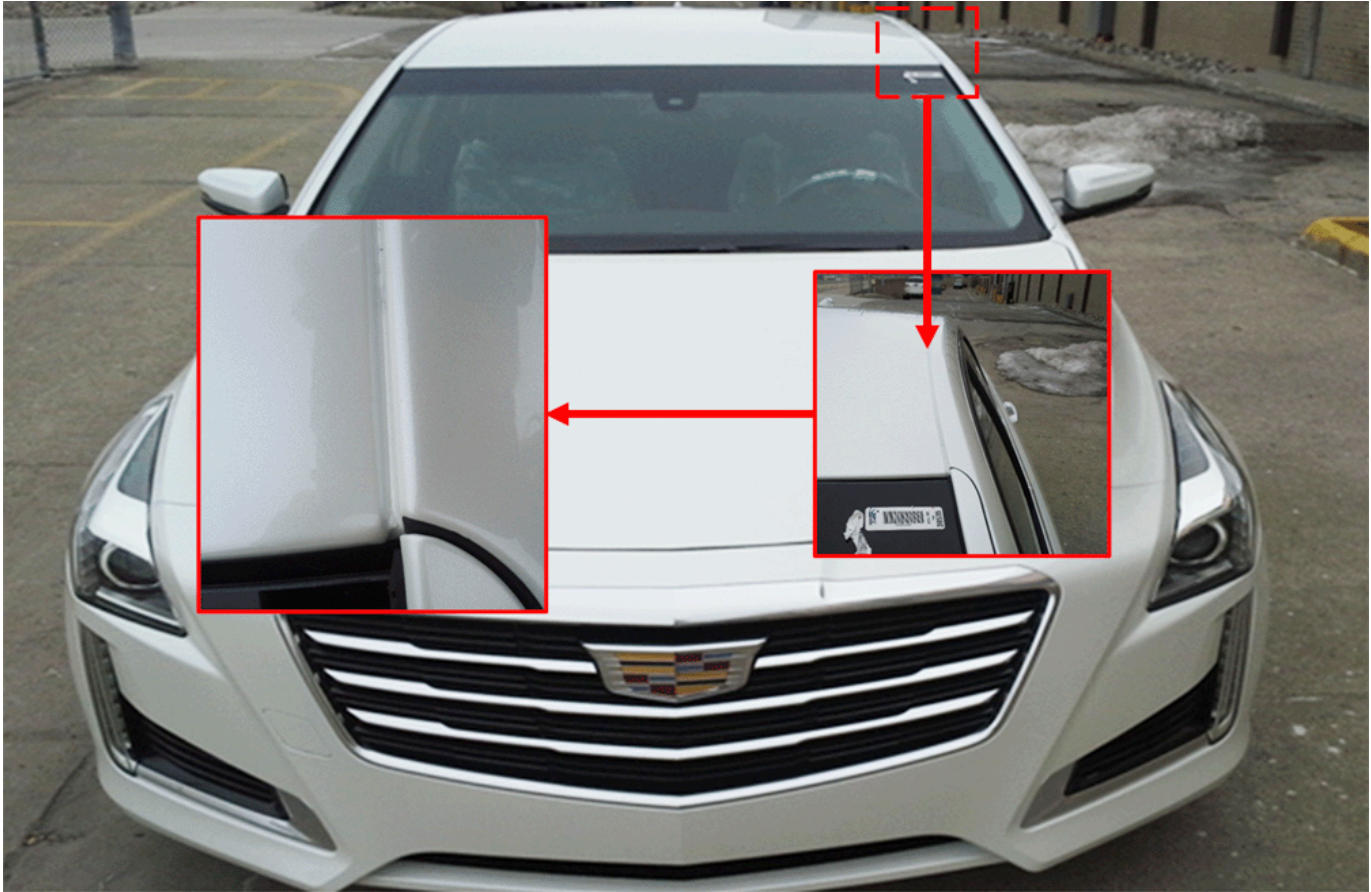


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Correction

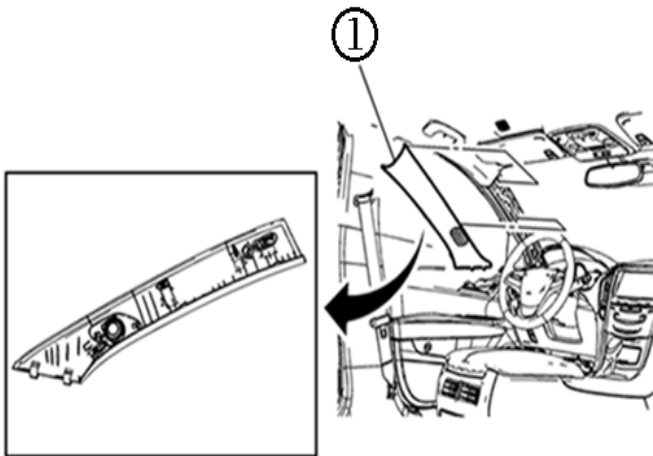
Following the Service Procedure below, inspect the forward laser braze and water test the roof ditch and upper windshield area on the affected side(s).

Service Procedure



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1. Ensure the front laser braze area, shown in the graphic above, is clean and dry. Left side is shown, right side is similar.



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2. Remove the windshield garnish molding (1) on the affected side(s). Refer to *Windshield Garnish Molding Replacement* in SI.



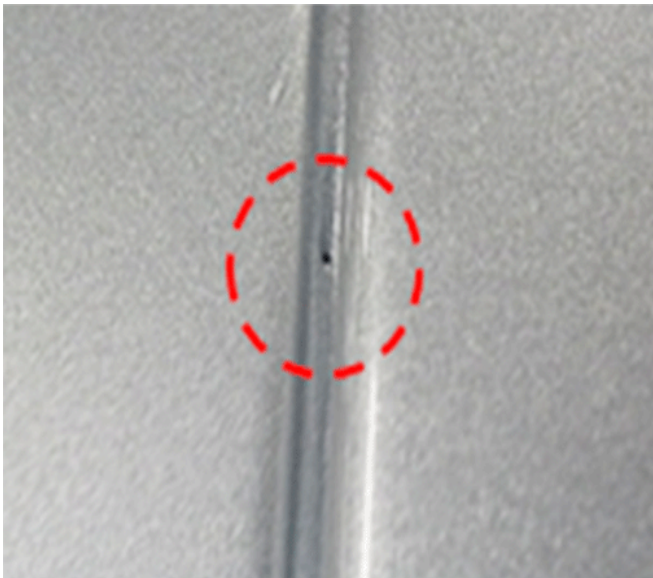
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3. Perform a water leak test on the forward laser braze and upper windshield area using a water hose without the nozzle attached. An example of the area where to apply water is shown circled in the graphic above.



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4. Continue to flood the area for up to five minutes, while having an assistant sit inside the vehicle observing the interior A-pillar for any evidence of water running along the pillar.



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Note: The pin holes/cracks may be more difficult to see on darker color finishes. An example of a visible pin hole is shown in the graphic above.

5. If a water leak is verified, visually inspect the roof laser braze for pin holes or a crack.
- If NO holes/cracks are evident, move ahead to step # 8 and perform the windshield resealing.
 - If any holes/cracks are evident, continue ahead to step # 6.

6. Seal the holes/crack in the laser braze following the steps below:
- 6.1. Mix a small amount of *Kent Automotive High-Tech Clear Seam Sealer, P/N 10200 (5 oz tube), or equivalent, WITH the proper touch up paint color.
 - 6.2. Avoiding excess sealer build up within the ditch, work a small amount of the sealer into the hole with a gloved finger.
 - 6.3. Wipe away any excess sealer with a light amount of solvent on a rag or paper towel. The solvent will help the sealer flow into the hole/crack.

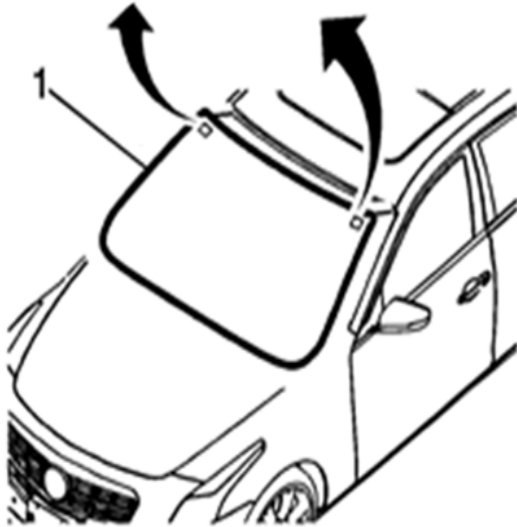


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7. Re-water test the repaired side(s) and inspect for any water visible at the interior A-pillar.

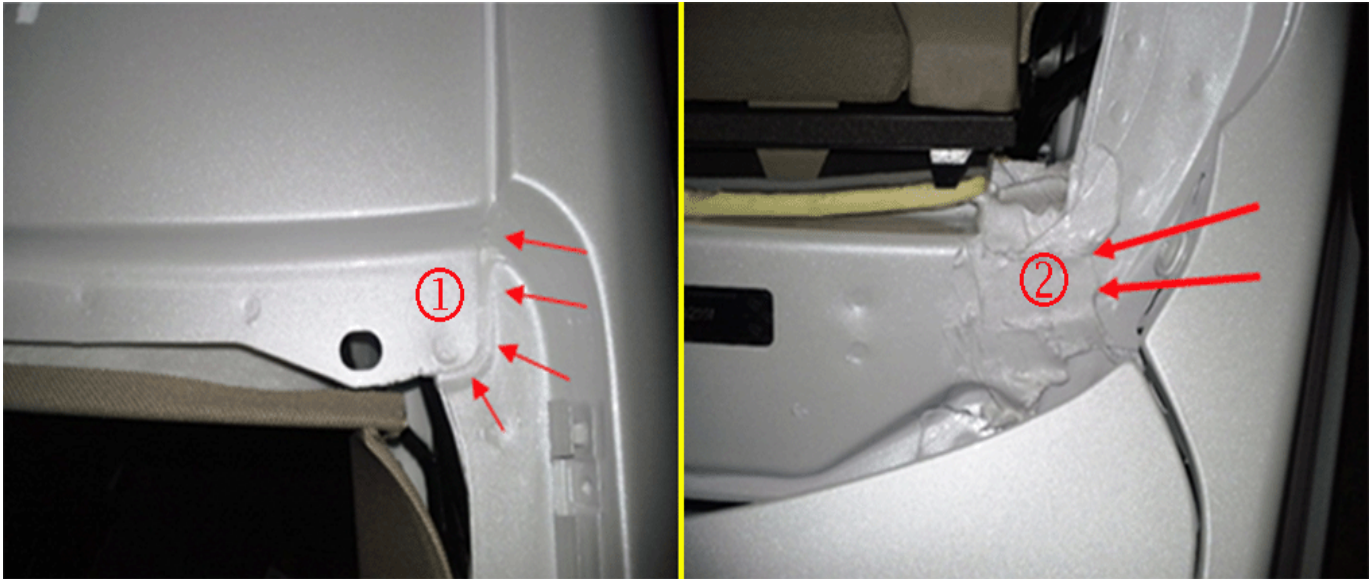
Important: The tether clip at the lower portion of the garnish molding is NOT reusable, and MUST be replaced every time the windshield garnish is removed.

- If NO water is visible, no further action is required and the windshield garnish molding(s) can be reinstalled. Refer to *Windshield Garnish Molding Replacement* in SI.
- If water leaks are still evident, continue ahead to the Windshield resealing procedure.



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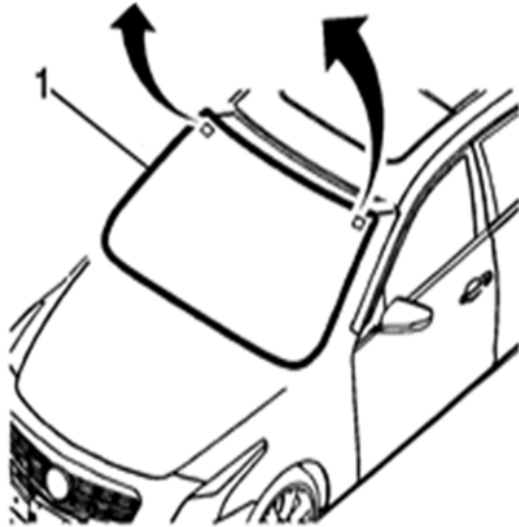
8. Remove the windshield (1). Refer to *Windshield Replacement* in SI.



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Note: The examples above are showing the left side, but condition could be on either side.

9. On the affected side(s), inspect the upper windshield flange seam (at the end of the laser braze) (1) and the lower corner flange seam (2) for any visual signs of pin holes, voids or skips. Reseal any seams, as necessary.



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10. Reinstall the windshield (1). Refer to *Windshield Replacement* in SI.

Parts Information

Causal Part	Part Number	Description	Material Allowance
N/A	11611805	RETAINER (CTS and ATS Coupe)	NA
	11611451	RETAINER (ATS Sedan)	NA
	See EPC	PAINT, TOUCH-UP TUBE	NA
	P10200	Kent Automotive High-Tech™ Clear Seam Sealer	\$1.15 US / \$1.75 Canada
	Obtain locally	Urethane	Max. \$60.00 US / \$85.00 Canada

Version	1
Modified	Released December 04, 2018

Warranty Information

For vehicles repaired under the Bumper-to-Bumper coverage (Canada Base Warranty coverage), use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

Labor Operation	Description	Labor Time
0580158*	Water Test, Apply Sealer at Laser Braze - One Side	0.7 hr
Add	Water Test, Apply Sealer - Both Sides	0.4 hr
Add	Remove and Reseal Windshield	1.2 hrs (ATS) 2.2 hrs (CTS)
*This is a unique Labor Operation for Bulletin use only.		

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



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