



Preliminary Information

PIT5396C Diagnostic Tips - Water Leaks

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Colorado	2015 - 2019	All	All	All	All
GMC	Canyon	2015 - 2019	All	All	All	All

Supersession Statement

This PI was superseded to update Recommendation/Instructions. Please discard PIT5396B.

The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

Condition / Concern

A customer or dealer Technician may comment of a water leak into the cab of the truck, Water staining may be seen in the headliner or water may be on the floor.

Recommendations / Instructions

To assist with water leak issues on these models, it is recommended to follow the procedure in SI for Water Leak Diagnosis and inspect the following areas:

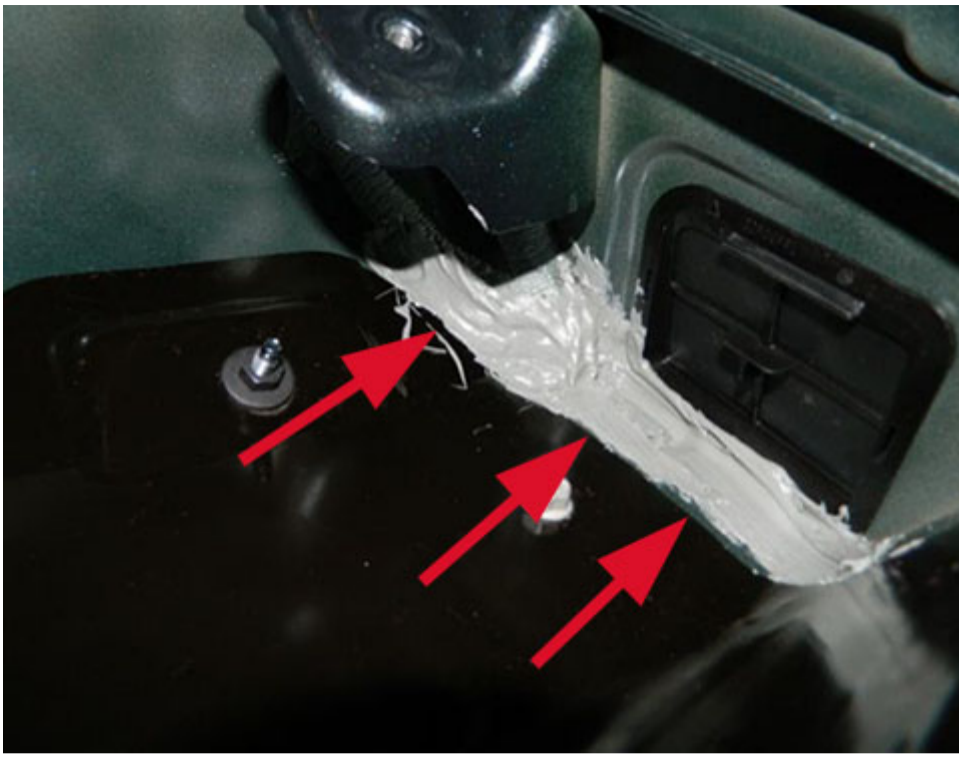
- 1) Roof ditch: May exhibit sealer skips causing water in various areas of the vehicle. Pin holes in the roof ditch sealer at front and rear will allow water intrusion in the respective areas. Front will run behind the A-Pillar trim, along the edge of the IP and drip/splash on the kick panel. The rear will enter on the inside of the glass very close to the roof ditch seam. A void along the seam can enter in either the front or the rear.**
- 2) Rear glass: May exhibit sealer skip or be improperly seated causing headliners to be stained. Back glass sealer voids can be caused by hand installing the back glass, usually there are urethane smear signs on the body. If the glass locating pins are not seated in the locating hole, the glass could be out of position allowing a leak point near the dislocated pin.**
- 3) CHMSL: May allow water to travel along the rear header to roof flange and can enter the vehicle anywhere along the back glass, appearing to be a back glass leak.**
- 4) Windshield: May allow water to accumulate on the front floor. If the windshield is not located properly the locating pin could slide below the locating hole, allowing the windshield to set low. Tip: When the windshield is low the VIN plate is covered.**
- 5) Cowl seam: May allow water to accumulate on the floor. Water test by cowl drain left and right side. Water may enter from outside cowl area under hood from left and right side add seam sealer.**





The other area is under dash in the left and right side vertical seams. Reseal as needed





6) HVAC drain tube: May soak the front floor area on either side if the drain tube is dislocated. It could appear to be a dash area leak. More likely to be reported during A/C operation in high humidity conditions.

7) A Pillar area: May exhibit missing sealer at the door hinges. Inspect for a weld through condition along the outer pillar/bulkhead to fender support that leads straight to the inside of the front bulkhead. There are also three welds on the top of the pillar/bulkhead for the fender bracket. The baffles hold the water in the pillar/bulkhead where it pools while seeping into the cab through the harness rosebud holes. Also inspect for issues with the pillar plug or the door boot not being seated.

8) PRV (Pressure Relief Valve): May not be fully seated. Water runs along the back panel and down to the front foot area.

Please follow this diagnostic or repair process thoroughly and complete each step. If the condition exhibited is resolved without completing every step, the remaining steps do not need to be performed.



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