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Case Number: S1923000026 Rev A

Release Date: 01/14/2021

Symptom/Vehicle Issue: Water Leak At A Pillar Onto Floor

Discussion: Customer complaint of small puddle of water in LT or RT FR Driver Foot scuff area. Could be mis-diagnosed as a leak through the body mounted weatherstrip. Remove fender and spray with hose starting from bottom up along black adhesive seam. Look for water coming in through the sheet metal joints. If water is leaking into the interior perform below repair to seal the a pillar.

****NOTE**** if equipped with sunroof see S1823000029 prior to performing below.

Parts Required:

Kent Automotive Leak Check. Part Number P50087. Follow application directions.

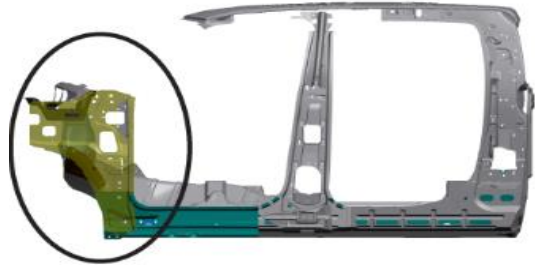
Masking tape and masking paper for spray sealer application

Butyl 04076274AB or equivalent

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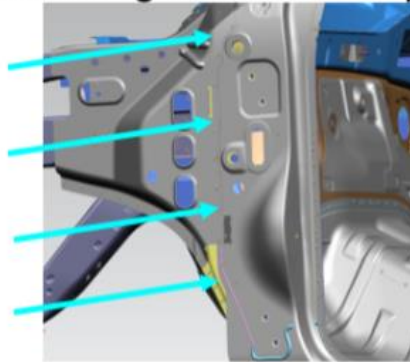
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- Remove fender and spray with hose starting from bottom up along black adhesive seam

Fender Removed -
spray hose from
bottom of A-pillar up
along black adhesive
seam



- Typical black adhesive voids are located in these areas:

Pull back carpet
check for water



Check behind weatherstrip flange,
under foot scuff, under wire trough



Lift wire trough
and check for
water underneath

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Black adhesive A-pillar water leak

1. Remove fender
2. Apply kent black spray can sealer with straw along entire seam, especially in upper A-pillar area (see image)
3. Apply 2 coats
4. Apply butyl along entire seam (see image)
5. Water test and validate

*Note: See next slide for visual



Kent leak check sealant spray
to right

*Note: This black adhesive seam is a very hard seam to seal due to weld access panel. Ensure all attempts of sealers are added before approaching butyl fix.

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Black adhesive A-pillar water leak



Make sure to tape off top of aperture to prevent spray sealer from spraying on windshield/door

Spray inside aperture holes with black spray sealer indicated by red arrow - if that did not fully seal use butyl along entire aperture weld sea, - you're trying to cut off the water from touching black adhesive hidden underneath.

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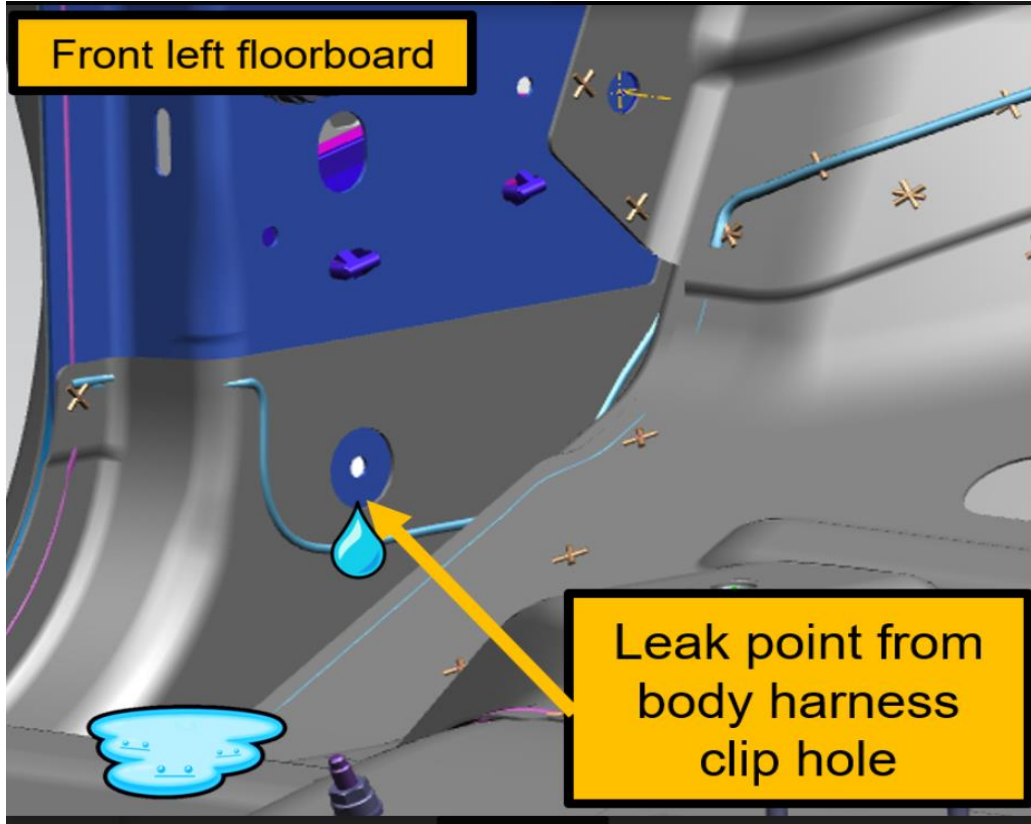
Use Kent Leak Check Spray Sealer on the above seam to seal the area. Remove the fender shield to allow access to the area.

Next, see the below image. Inspect the interior side of the left (driver side) lower a pillar. A harness attaching clip hole if not fully sealed could allow water. Remove the lower a pillar kick panel cover. See image below. Use either Kent Leak Check Spray Seam sealer or butyl to seal the around the clip hole.

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Seal above clip hole with butyl or Kent Leak Check Spray Sealer.

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