



GROUP	MODEL
<b>Voluntary Service Campaign</b>	<b>2014-2019MY Soul (PS)</b>
NUMBER	DATE
<b>SC334 (Rev 1, 08/20/2025)</b>	<b>June 2025</b>

## VOLUNTARY SERVICE CAMPAIGN

SUBJECT:

# UNDERBODY INSPECTION & ANTI-CORROSION MATERIAL APPLICATION (SC334)

### NOTICE

**This bulletin has been revised to include additional information. New/revised sections of this bulletin are indicated by a black bar in the margin area.**

This bulletin provides information to apply additional anti-corrosion material to underbody components, including inspection/replacement of the brake line(s), on certain 2014-2019MY Soul (PS) vehicles produced from July 21, 2013 through December 24, 2018, and were originally sold or are currently registered in one of the 28 states where heavy amounts of road salt are used.

The 28 states where heavy amounts of road salt are used are: AK, CT, DC, DE, IA, IL, IN, KS, KY, MA, MD, ME, MI, MN, MO, ND, NE, NH, NJ, NY, OH, PA, RI, SD, UT, VT, WI and WV.

Brake line corrosion can occur due to a combination of environmental conditions and lack of proper underbody maintenance. Brake line corrosion can occur on vehicles in states where heavy amounts of road salt are used if the materials used for ice/snow removal are not regularly flushed from the underbody of the vehicle. If this condition occurs, customers may experience low brake fluid level that can result in gradually increasing soft brake pedal feel and/or Brake Fluid Warning Light illumination. Follow the procedure outlined in this publication to inspect the brake line for brake fluid leakage and replace the brake line if necessary. In addition, apply cavity wax and undercoating spray in the indicated locations. Before conducting the procedure, verify that the vehicle is included in the list of affected VINs.

**Note: Please remind all customers of the instructions in their Owner's Manual (shown below), to regularly have the underbody of their vehicles washed when road salt is being used in their area.**

#### ***"Underbody maintenance"***

*"Corrosive materials used for ice and snow removal and dust control may collect on the underbody. If these materials are not removed, accelerated rusting can occur on underbody parts such as the fuel lines, frame, floor pan and exhaust system, even though they have been treated with rust protection. Thoroughly flush the vehicle underbody and wheel openings with lukewarm or cold water once a month, after off-road driving and at the end of each winter. Pay special attention to these areas because it is difficult to see all the mud and dirt. It will do more harm than good to wet down the road grime without removing it. The lower edges of doors, rocker panels, and frame members have drain holes that should not be allowed to clog with dirt; trapped water in these areas can cause rusting."*

## UNDERBODY INSPECTION & ANTI-CORROSION MATERIAL APPLICATION (SC334)

### NOTICE

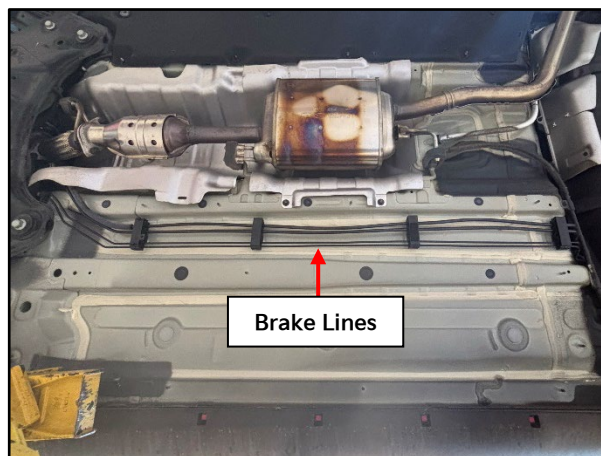
To assure complete customer satisfaction, always remember to refer to KDealer+ Warranty Coverage (validation) Inquiry Screen (Service → Warranty Coverage → Warranty Coverage Inquiry) for a list of any additional campaigns that may need to be performed on the vehicle before returning it to the customer.

### IMPORTANT

For Dealers and Customers Not Immediately affected By This Campaign.

This campaign is primarily being conducted regarding owners whose vehicles in the affected VIN range are owned and maintained in states where significant amounts of road salt is applied. However, the objective of this campaign is to improve customer satisfaction by applying additional anti-corrosion protection, regardless of their current location. As a result, additional customer vehicles not currently listed may need to be inspected and/or repaired as a result of this campaign. Possible situations and dealer responses include:

- (1) A customer who has not received an Owner Notification under this campaign and now resides in a salt belt state. Advise KUS and promptly conduct the campaign repair.
- (2) During normal maintenance or repairs for a vehicle located outside of the salt belt states, the dealer identifies that a vehicle has corrosion damage which appears to warrant a campaign repair. Contact the District Parts and Service Manager for approval before conducting the campaign repair.
- (3) A customer currently living outside a salt belt state alleges a potential corrosion condition or simply requests a repair or an inspection. Promptly conduct an inspection at no charge to the customer. If the dealer identifies that the vehicle has corrosion damage which appears to warrant a campaign repair, contact the District Parts and Service Manager for approval before conducting the campaign repair.

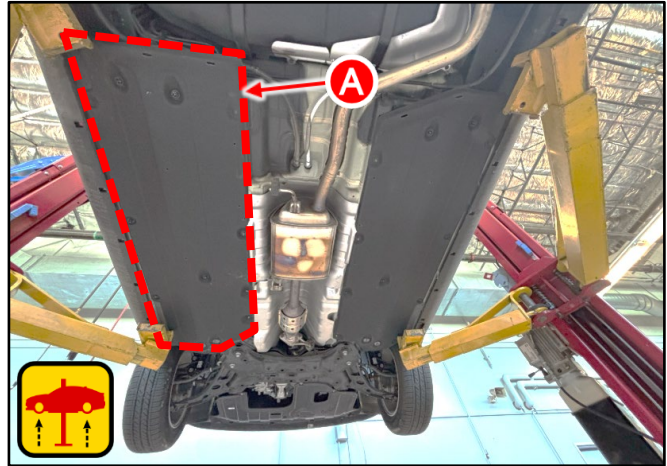


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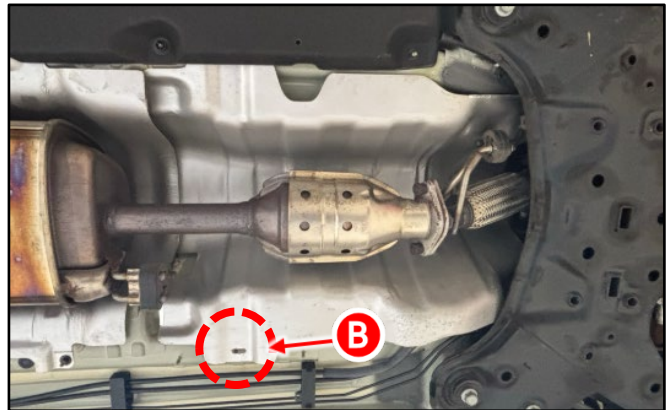
### Brake Line Inspection Procedure:

1. Lift the vehicle and remove the left hand under cover (A).



2. Remove the heat shroud nut (B) (if equipped).

**Note:** By removing the head shroud nut (B), it will allow enough space to reach the clips/bolt for the protection cover (C).



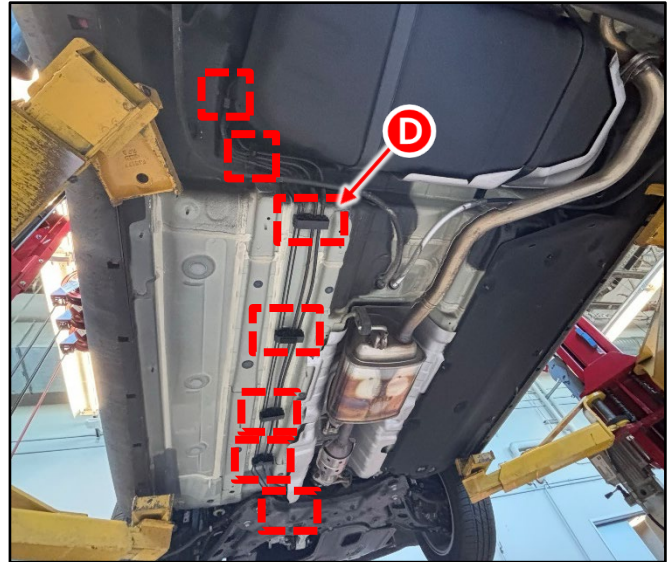
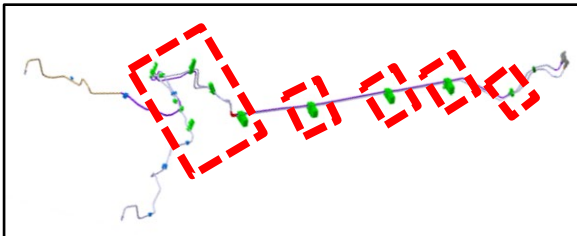
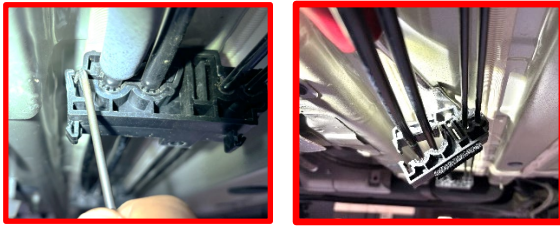
3. Remove the protection cover (C).



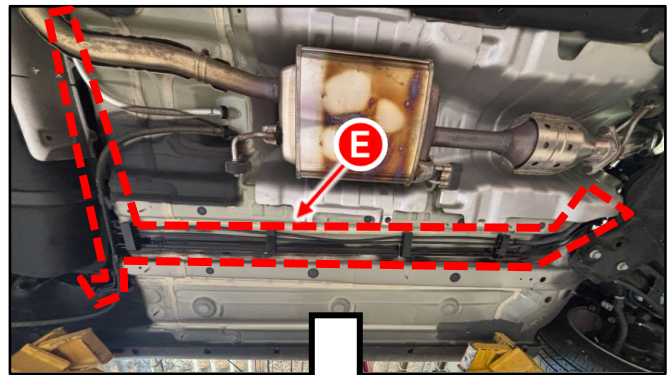
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4. Remove the brake line retaining clips (D).

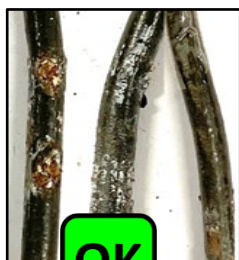
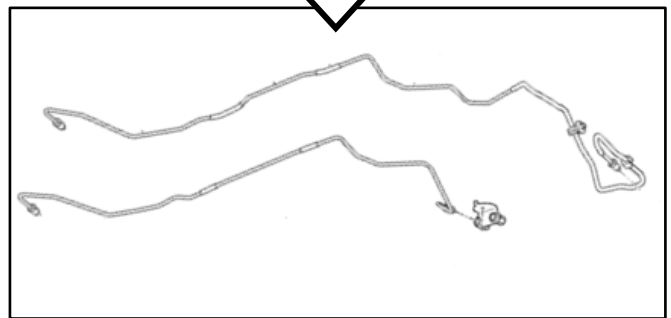


5a. Inspect the entire length of the brake lines (E) (L&R Front to Back of the vehicle) for corrosion and/or fluid leakage, especially in the brake line retaining clip areas shown.



5b. Is there evidence of brake fluid leakage and/or corrosion, especially around the brake line retaining clips (D)?

- **NO (OK):** Proceed to the 'Anti-Corrosion Material Application Procedure' on page 7. (Sample of light surface rust which may be wiped off or removed light use of a wire brush and air blowing.)
- **YES (NG):** Attach one clear photo using KDS Tablet Warranty Claim Attachment Tab of the NG condition then proceed to the 'Replacement Procedure' on page 5 to replace the brake line(s). (Sample of severe corrosion and brake fluid leak).



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### Replacement Procedure:

1. Remove both left and right rear wheels (A).



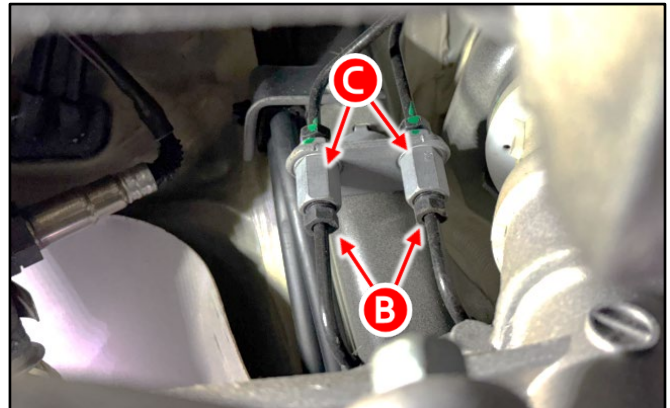
Tightening torque for lug nuts:  
65.1 - 79.6 lb.ft (88.3 - 107.9 N.m)



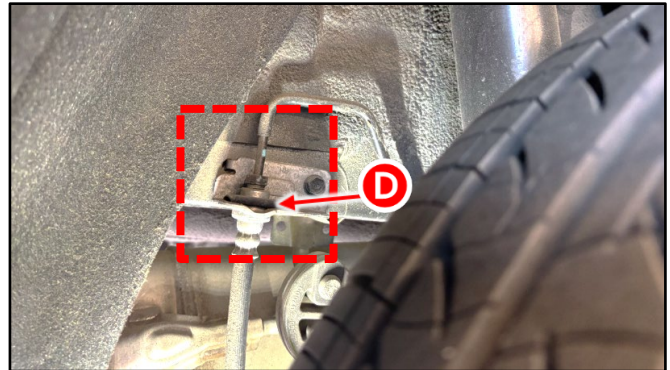
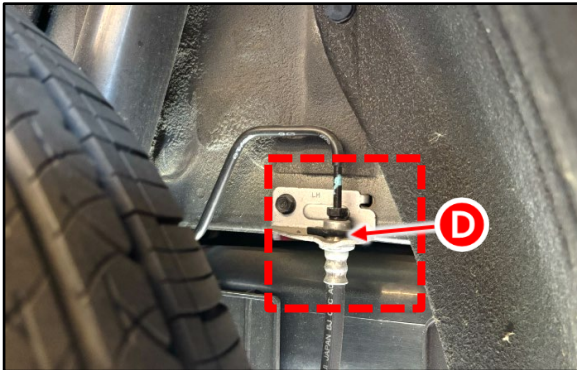
2. Loosen all of the front and rear brake line flare nuts (B) to detach the lines from the retaining bracket/nut (C).



Tightening torque for flare nuts (B):  
9.4 - 12.3 lb.ft (12.7 - 16.7 N.m)



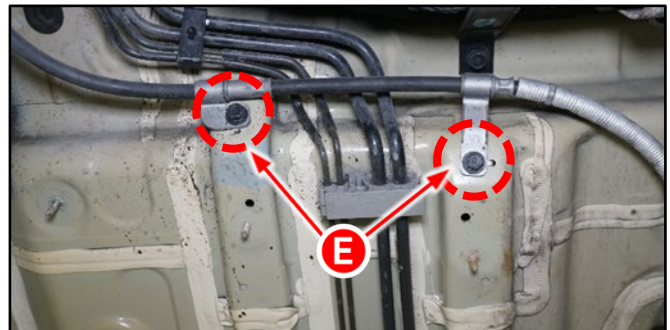
3. Remove the brake hose bracket clips (D) as needed.



4. Loosen the two (2) parking brake cable retaining bolts (E).



Tightening torque for parking brake cable bolts (E):  
14.5 - 21.7 lb.ft (19.6 - 29.4 N.m)



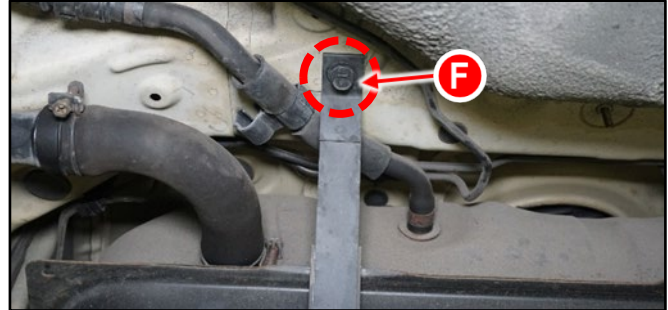
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5. Loosen the top left fuel tank band bolt (F).

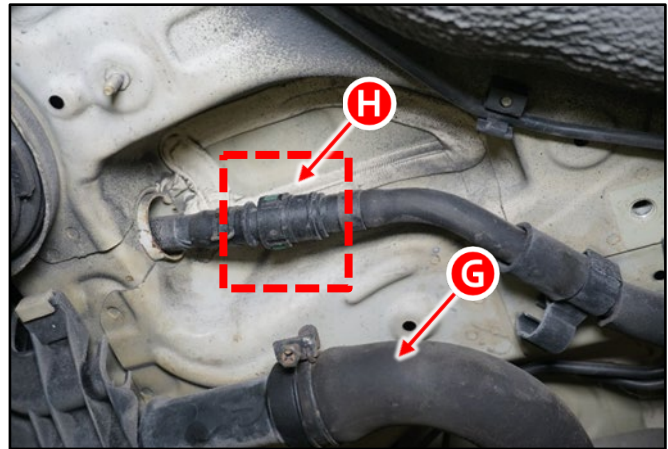


Tightening torque for bolt (F):  
28.9 - 39.8 lb.ft (39.2 - 54.0 N.m)

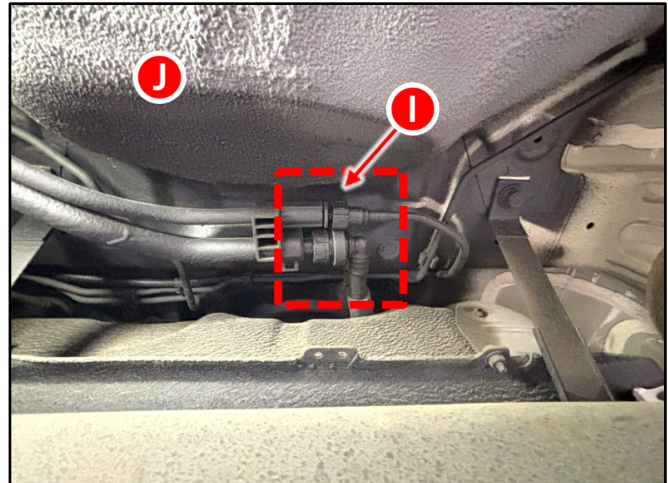


- 6a. Disconnect the fuel filler hose (G).

- 6b. Disconnect the leveling hose quick connector (H)



7. Disconnect the two (2) vapor tube quick-connectors (I).



8. Separate the left and right side brake lines (front to rear) from the fuel lines, and remove them from the vehicle.
9. Install the new brake lines in reverse order of removal.
10. Top-off and bleed the brake fluid system. Refer to KGIS as needed for instructions.
11. Proceed to the 'Anti-Corrosion Material Application' on page 8.
12. Verify normal operation after completing all steps.

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### Anti-Corrosion Material Application:

#### WARNING

Do not eat, drink, or smoke while using these products. Keep away from heat, sparks, open flames, hot surfaces, and other ignition sources. Avoid breaking mist, vapors, and/or sprays. Wash thoroughly after handling. Wear protective gloves, protective clothing, eye protection and face protection.

Use with adequate ventilation. Respiratory: Level of exposure needs to be determined. If required, use a particulate filter, a NIOSH-approved air purifying respirator with organic vapor cartridge or a supplied air respirator. Filters should be replaced when breathing becomes labored. Cartridges should be replaced when odors pass through. Refer to MSDS sheets for additional information and important warnings. All warning provided by the MSDS sheet are hereby incorporated by reference.

- 1a.
  - If the brake lines are NOT being replaced, remove any rust scales or contaminants from the brake lines then proceed to step 1c.



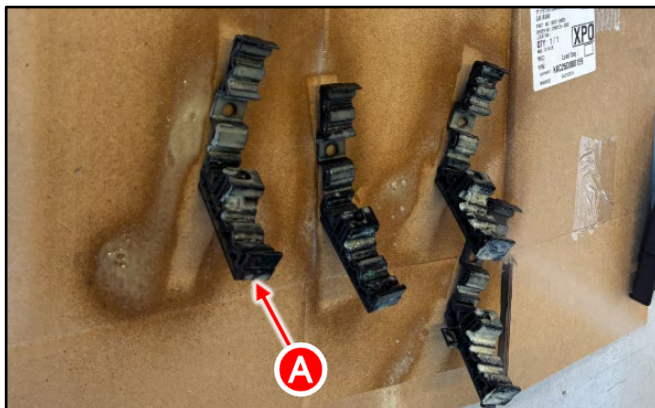
- 1b.
  - If the brake lines ARE replaced, proceed to step 2.

- 1c. Use an air gun to blow compressed air over the brake lines and thoroughly wipe clean with a clean rag/cloth.



2. Spray a heavy coat of the cavity wax (PN UM090 CH041) on the brake line retaining clips (A) as shown.

**Note:** If the brake lines are replaced, the retaining clips **MUST** be replaced with PN 58730 B2000QQK.



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3. Spray a heavy coat of the undercoating spray (PN UM010 CH044) on the Two-Way Brake Tube Connectors, Flexible Brake Hoses, and the entire length of the Brake Lines.

**Note: DO NOT apply cavity wax (PN UM090 CH041) directly to the brake tubes. Applying cavity wax prevents the undercoating from hardening and degrades the anti-chipping performance.**



Two-Way Brake Tube Connector



Flexible Brake Hose



Brake Line



Brake Line



Brake Line

4. Reinstall all removed parts in reverse order of removal.
5. If the brake lines were replaced, bleed brake system and adjust brake fluid levels by referring to "Brake System → Brake System → Repair procedures → Brake System Bleeding" in the applicable Shop Manual on KGIS.
6. Confirm normal brake operation.

### NOTICE

Allow cavity wax and underbody coating to cure for at least one (1) hour prior to vehicle being driven, especially during rain and/or snow conditions.



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### AFFECTED VEHICLE RANGE:

Model	Production Date Range
Soul (PS)	July 21, 2013 to December 24, 2018

### REQUIRED TOOL:

Tool Name	Part Number	Figure	Comments
Air Gun	-		Locally Sourced
Respirator (Organic/ N95 Particulate)	SSC366150		Initial supply was auto-shipped to Dealers for SC141. For replacements, contact Snap-On Business Solutions at (888) 542-1011
Cartridge for Respirator (6pk)	SSC100100		
Filter for Respirator (12pk)	SSC106000		

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**REQUIRED PART:**

Part Name	Part Number	Figure	Qty.	Comments
Left Brake Tube	58735 B2000QQK	N/A	1	-
Right Brake Tube	58736 B2000QQK	N/A	1	-
Brake Tube Service Kit	58730 B2000QQK	N/A	1	<p><b>Note: Dealers <u>MUST</u> Order The Kit PN 58730 B2000QQK</b></p>
<ul style="list-style-type: none"> <li>Clip</li> </ul>	58753 2G050	N/A	3	
	31384 4B010		1	
	58753 2G050		3	
	58753 2H100		1	
<ul style="list-style-type: none"> <li>Holder</li> </ul>	58753 3X000		1	
	31358 B2000		1	
	31360 B2000		3	
	31356 2K700		1	
	31356 A7000	2		
	58752 3K000	2		
<ul style="list-style-type: none"> <li>Pad</li> </ul>	84155 A7000	1		
	31300 B200S	1		
<ul style="list-style-type: none"> <li>Trim Clip</li> </ul>	81704 3X000	2		
Kia Frame Rust Preventative	UM090 CH041		1	Limit One (1) Can Per Vehicle (Order Through <a href="#">Kia Chemicals</a> )
Undercoating Spray	UM010 CH044		1	Limit One (1) Can Per Vehicle (Order Through <a href="#">Kia Chemicals</a> )
Brake Fluid DOT4	UM024 CH282		1	MUST Be Ordered Through <a href="#">Kia Chemicals</a>

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**UNDERBODY INSPECTION &  
ANTI-CORROSION MATERIAL APPLICATION (SC334)**

**WARRANTY INFORMATION:**

**N Code: N99 C Code: C99**

Claim Type	Causal P/N	Qty.	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty.
R	58735 B2000	0	(SC334) Brake Tube Inspection + Anti-Corrosion Material Application	250004R0	0.9 M/H	UM090 CH041	1
						UM010 CH044	1
	58735 B2000	0	(SC334) Brake Tube Inspection + Brake Tube Replacement + Anti-Corrosion Material Application	250004R1*	2.1 M/H	58735 B2000QQK	1
						58736 B2000QQK	1
						58730 B2000QQK	1
						UM090 CH041	1
						UM010 CH044	1
						UM024 CH282	1

**Note:** Refer to [Warranty Bulletin 2025-14](#) for claim submission procedures. When substitute transportation is provided, manually enter sublet code 'X2' for rental expense reimbursement or one roundtrip rideshare expense.

\*A photo of the 'NG' condition, as described in this TSB MUST be attached to the claim using Warranty Claim Attachment Type 'XX - Other' for LOP 250004R1.

**NOTICE**

VIN inquiry data for this repair is provided for tracking purposes only. Kia retailers should reference [SC334](#) when accessing the KDealer+ system.

