



GROUP	MODEL
Voluntary Service Campaign	2027MY Telluride (LQ2)
NUMBER	DATE
SC377	August 2026

VOLUNTARY SERVICE CAMPAIGN

SUBJECT:

BRAKE BOOSTER PUSHROD ADJUSTMENT (SC377)

This bulletin provides information for adjusting the brake booster pushrod on certain 2027MY Telluride (LQ2) vehicles produced from January 2, 2026, through April 22, 2026. The brake booster pushrod may be improperly adjusted. As a result, following certain low-speed automatic braking events, a small amount of residual brake pressure may temporarily remain after systems such as Reverse Parking Collision-Avoidance Assist (PCA-R) or Rear Cross-Traffic Collision-Avoidance Assist (RCCA) automatically apply the brakes to help prevent a collision. After the automatic braking is canceled, the driver may experience the brakes lightly dragging for a short time. This condition does not affect braking performance or stopping distance. Follow the procedure outlined in this bulletin to adjust the brake booster pushrod and ensure brake pressure is released normally after a low-speed automatic braking event is canceled. Before performing the procedure, confirm that the vehicle is included in the list of affected VINs.



NOTICE

There is no charge to the vehicle owner for this repair.

Repair status for a VIN is provided on KDealer+ (Service → Warranty → Warranty Coverage Inquiry). Not completed Campaign reports are available on KDealer+ (Service → Campaigns → Open Campaign Report), which includes a list of affected vehicles.

This issue number is SC377.

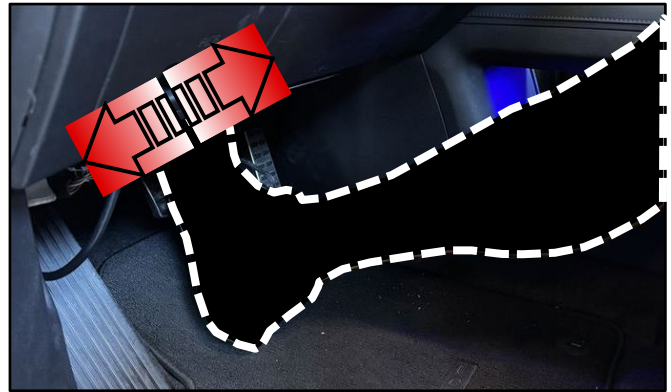
Repair Procedure:

1. Park vehicle on a flat surface.
2. With the engine running 'ON' and the brake pedal depressed, place the transmission shift selector knob to the 'Neutral' position.
3. Stop the engine/ignition 'OFF'.

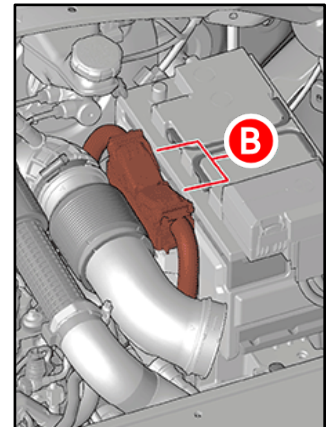
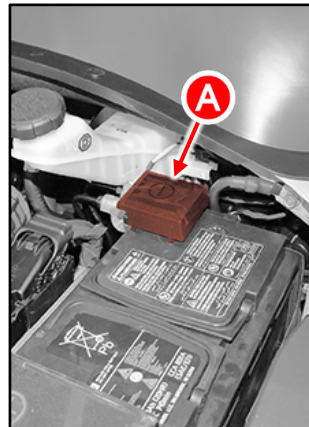
NOTICE

Ensure the vehicle does not roll while in 'Neutral' after releasing the brake pedal. Use a wheel/tire chock as needed.

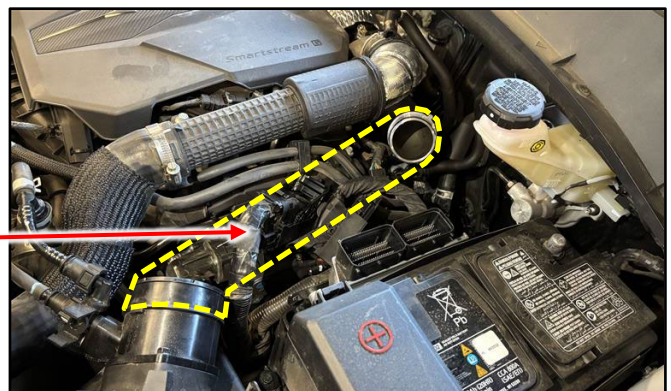
- 4a. Remove stored brake booster vacuum by pressing the brake pedal down and allow it to return up.
- 4b. Repeat four to five (4-5x) times, until the pedal feel hardens.



- 5a. Disconnect the 12V battery negative (-) terminal (A).
- 5b. Disconnect the electronic control module (ECM) connector (B).



6. Remove the air intake duct assembly (C).



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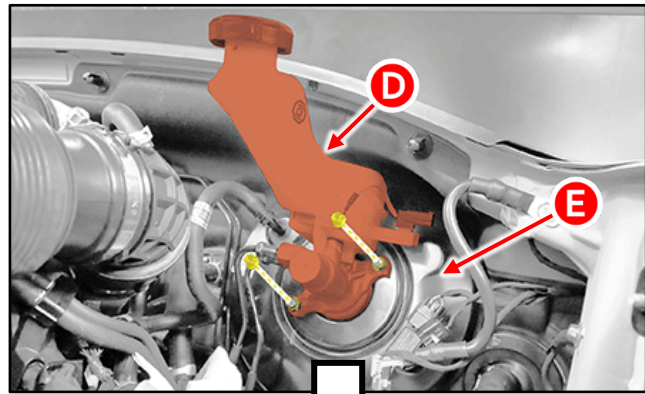
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7. Loosen the two (2) brake master cylinder (D) retaining nuts and detach the brake master cylinder from the brake booster (E).

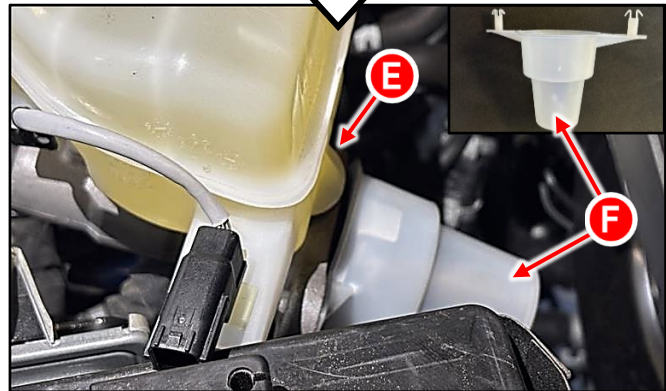
Note: DO NOT disconnect the brake fluid hard lines.



Tightening torque for master cyl. nuts (2):
9.4 -12.3 lb.ft (12.7 - 16.7 N.m)



8. Using moderate force, gently move the brake master cylinder (D) away from the brake booster (E) mounting surface.
9. Install the brake master cylinder protective cover (F).

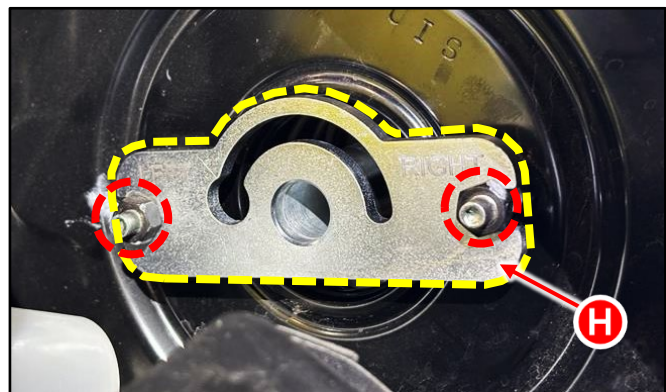


10. Using the two (2) brake master cylinder studs as a horizontal guide, mark the brake booster output rod/pushrod (G) left side area (9 o'clock position) using the yellow paint marker.



11. Install the output rod bracket (H) and secure it hand tight using the two (2) existing/removed brake master cylinder nuts.

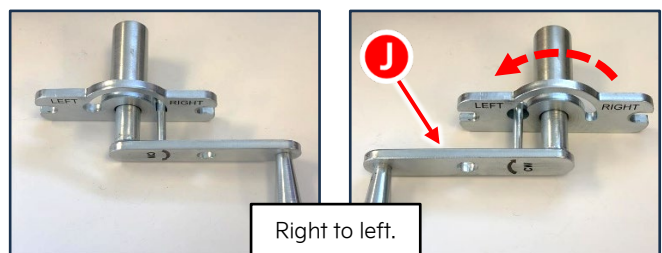
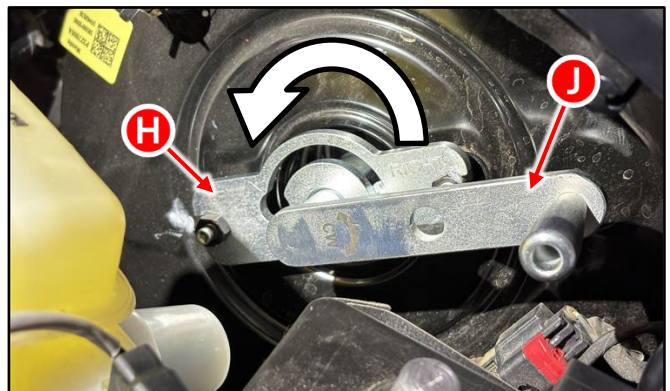
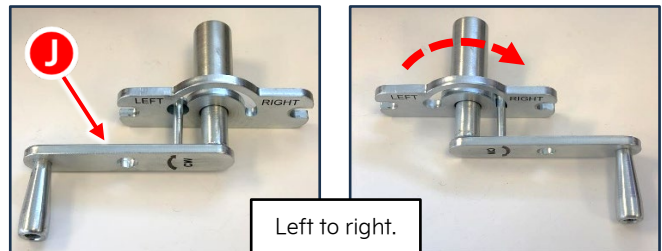
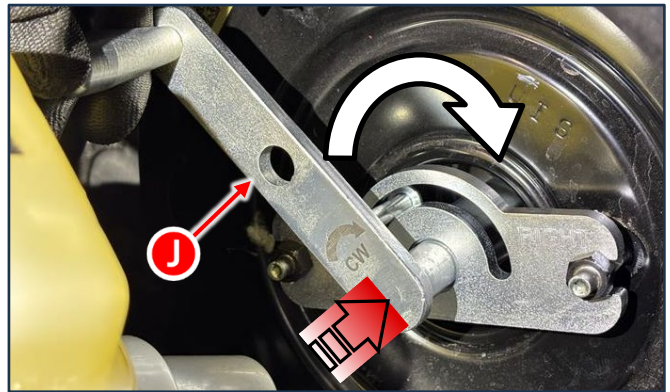
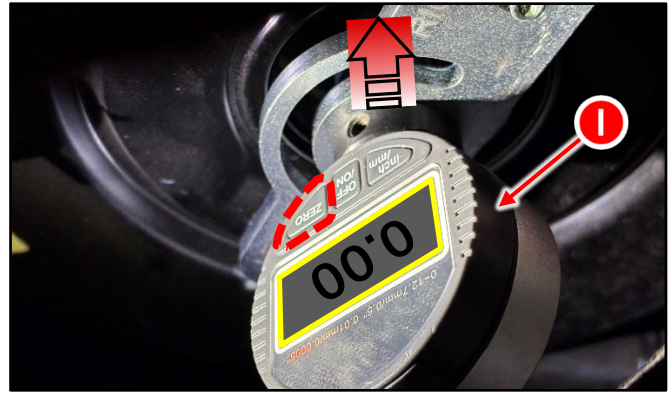
Note: The bracket is stamped with 'Left' and 'Right' side orientation.



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12. Insert the digital gauge (I) through the bracket (H) and ensure that it is making secure internal contact against the brake booster output rod and bracket from step 10.
13. Press the 'zero' button to clear the screen to read '0.00mm'. This is the beginning output rod measuring point.
14. Fully insert the output rod wrench (J) from the left and engage the guide pin through the bracket (H).
15. Lightly check that the wrench (J) is catching the internal output rod head hex. You may need to turn the wrench (J) slightly left or right while pushing in to fully align and insert.
16. Crank the wrench (J) clockwise to turn the internal output rod to the right, 180° degrees.
17. Pull the wrench (J) outwards to release it from the output rod hex head, then turn it to the left to disengage it from the bracket (H).

Note: DO NOT remove the output rod bracket (H) at this time.



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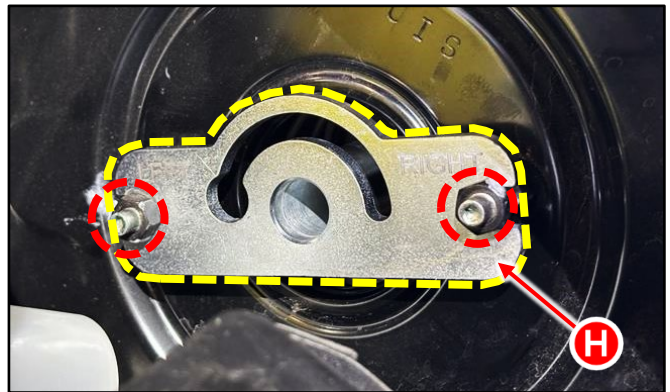
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18. Insert the digital gauge (I) through the bracket and ensure that it is making internal contact against the brake booster output rod.
19. Press the digital gauge (I) inward and hold firm to measure the new output rod reading on the screen.

NOTICE

The new output rod measurement should read (negative) -0.30mm or greater. If the new measurement reads -0.29mm or less, repeat steps 14 to 19 to increase above -0.30mm.

20. Loosen the two (2) output rod bracket (H) retaining nuts and remove it.



Note: After removing the bracket, verify that the output rod yellow marking has rotated to the right side (3 o'clock position) if rotated once, 180° degrees.



21. Remove the brake master cylinder protective cover (F).
22. Reinstall the brake master cylinder in the reverse order of removal.

Note: Replacement of the master cylinder mounting O-ring (K) is NOT required unless it was accidentally damaged during removal.



23. Reinstall all removed parts in the reverse order of removal.
24. Verify normal operation.

SUBJECT:

BRAKE BOOSTER PUSHROD ADJUSTMENT (SC377)**AFFECTED VEHICLE RANGE:**

Model	Production Date Range
Telluride (LQ2)	January 2, 2026 to April 22, 2026

REQUIRED TOOL:

Part Name	Part Number	Figure	Qty.	Comments
Brake Booster Pushrod Adjuster Kit	09585 P8000QQK*		1	Digital Gauge (1) Paint Marker (1) Protector Cover (5) extras A-Bolt Adjuster Tool (1) Brake Master O-ring (10) extras

***Note:** The SST will be auto-shipped to dealers and should expect receiving it starting 8/3/26. For replacements, contact Snap-on Business Solutions at (888) 542-1011. Dealers are instructed to store this SST in Drawer #16.

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	59110 P8000	0	(SC377) Brake Booster Pushrod Adjustment	260A30RO	0.4 M/H	N/A	0

Refer to Warranty Bulletin 2026-25 for claim submission procedures. When substitute transportation is provided, manually enter sublet code 'X2' for rental expense reimbursement or one roundtrip rideshare expense. Make sure to submit any substitute transportation claim at the time of the warranty expense.

NOTICE

VIN inquiry data for this repair is provided for tracking purposes only. Kia retailers should reference SC377 when accessing the KDealer+ system.