

December 12, 2025

Version 1

## Safety Recall: 2016–20 ILX Brake Master Cylinder

### APPLIES TO

Year	Model	Trim Level	VIN Range
2016–20	ILX	ALL	Check iN VIN status inquiry for eligibility.

### BACKGROUND

Residual plasticizer in the brake reservoir hose can contaminate the brake fluid, causing the brake master cylinder secondary cup seal to swell and deform. Radiant engine heat further expands the seal, reducing its ability to seal and allowing brake fluid to bypass the seal during slow brake-pedal applications.

Brake fluid bypass at the master cylinder cup seals can reduce brake-pedal firmness and increase stopping distance, raising the risk of a crash or injury.

### CLIENT NOTIFICATION

Owners of affected vehicles will be sent a notification of this safety recall. Do an iN VIN status inquiry to verify eligibility. Some vehicles affected by this campaign may be in your new or used vehicle inventory.

Failure to repair a vehicle subject to a recall or campaign may subject your dealership to claims or lawsuits from the client or anyone else harmed as a result of such a failure. To see if a vehicle in inventory is affected by this safety recall, do a VIN status inquiry before selling it.

### CORRECTIVE ACTION

Replace the brake master cylinder.

### WARRANTY CLAIM INFORMATION

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
4131BJ	Replace brake master cylinder (includes bleed)	1.5 hr	6UB00	RN500	B25055A	46100-TV9-A02

**CLIENT INFORMATION:** The information in this bulletin is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely maintain your vehicle. These procedures should not be attempted by “do-it-yourselfers,” and you should not assume this bulletin applies to your vehicle, or that your vehicle has the condition described. To determine whether this information applies, contact an authorized Acura automobile dealer.

## PARTS INFORMATION

NOTE: Due to limited availability, parts are not available for dealer order at this time. If you have a client experiencing this symptom, please contact your DPSM.

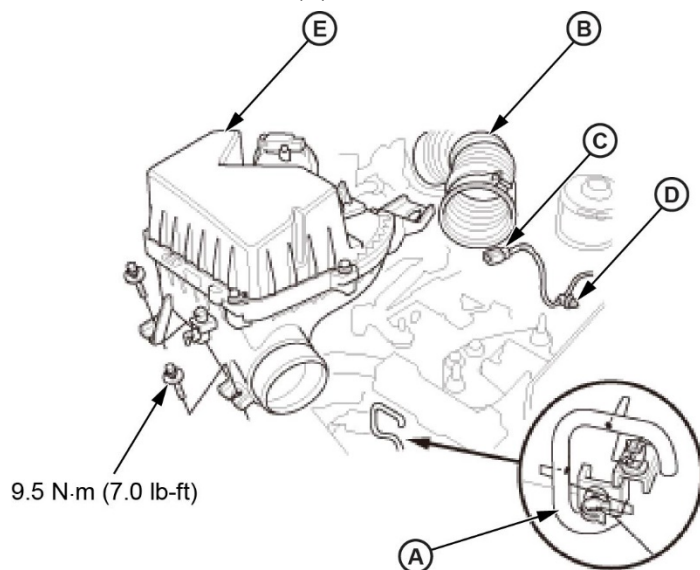
Part Name	Part Number	Quantity
Master Cylinder Assembly (Includes O-ring)	46101-TV9-A00	1

## REQUIRED MATERIALS

Part Name	Part Number	Quantity
Brake Fluid DOT 3	08798-9008A	2
Shin-Etsu G40M	08798-9013	1 (1 tube can service 100 cars)

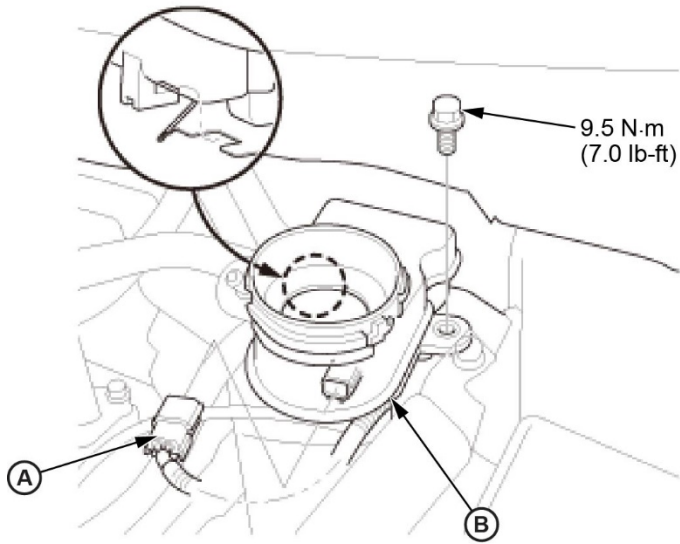
## REPAIR PROCEDURE

1. Press the brake pedal several times to deplete the vacuum in the brake booster.
2. Disconnect the 12-volt battery, step 1 of [Battery Terminal Disconnection and Reconnection](#).
3. Remove the 12-volt battery, step 2 of [Battery Removal and Installation](#).
4. Remove the air cleaner:
  1. Remove the breather hose (A).
  2. Remove the intake air duct (B).
  3. Disconnect the connector (C).
  4. Remove the harness clamp (D).
  5. Remove the air cleaner (E).

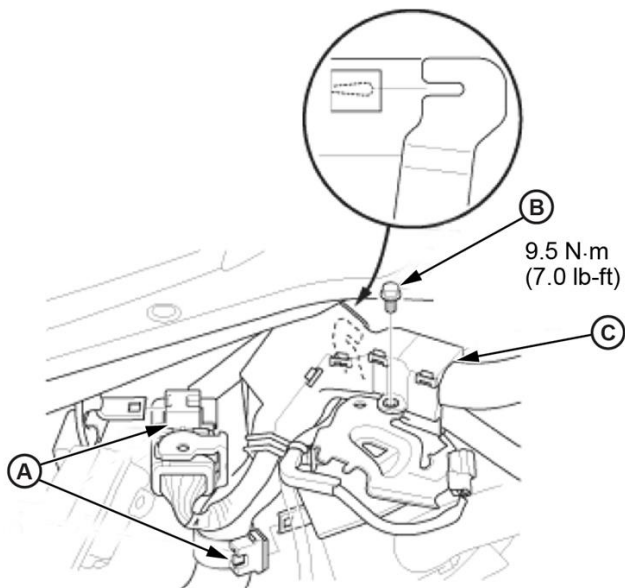


5. Remove the brake fluid from the master cylinder reservoir, then reinstall the master cylinder cap.

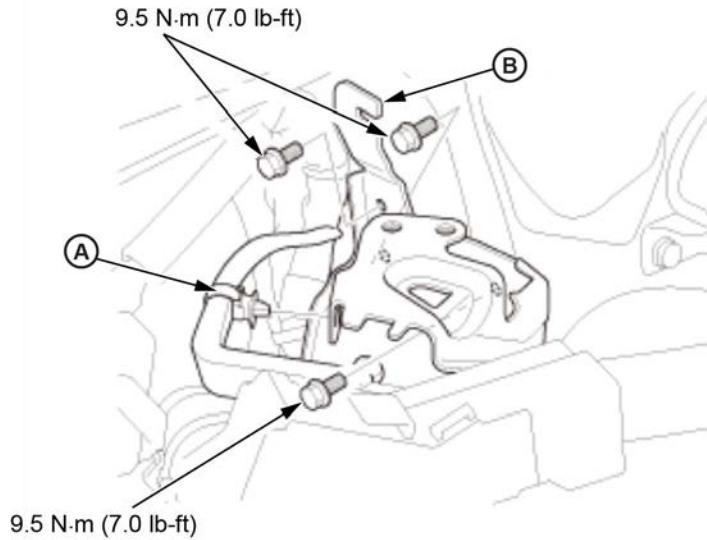
6. Disconnect the brake fluid level sensor connector (A), then remove the master cylinder reservoir (B) from the bracket.



7. Move the wiring harness holder aside:
1. Remove the harness clips (A).
  2. Remove the bolt (B).
  3. Move the harness holder (C) aside.



4. Remove the harness clip (A), then remove the air cleaner bracket (B).



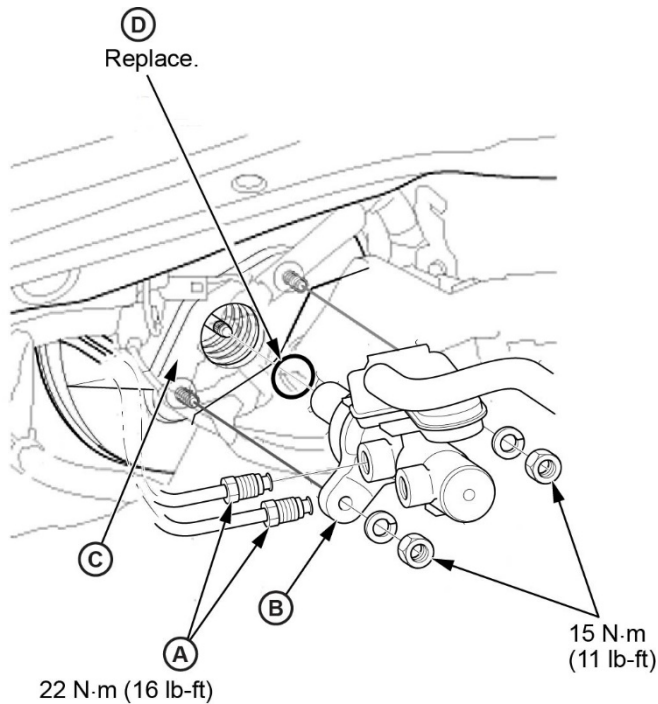
8. Secure the released wire harnesses out of the way.

9. Remove the brake master cylinder:

1. Disconnect the brake lines (A) from the master cylinder (B).  
NOTE: To prevent spills, cover the brake lines and master cylinder openings as necessary.
2. Remove the master cylinder (B) from the brake booster (C).

**NOTICE**

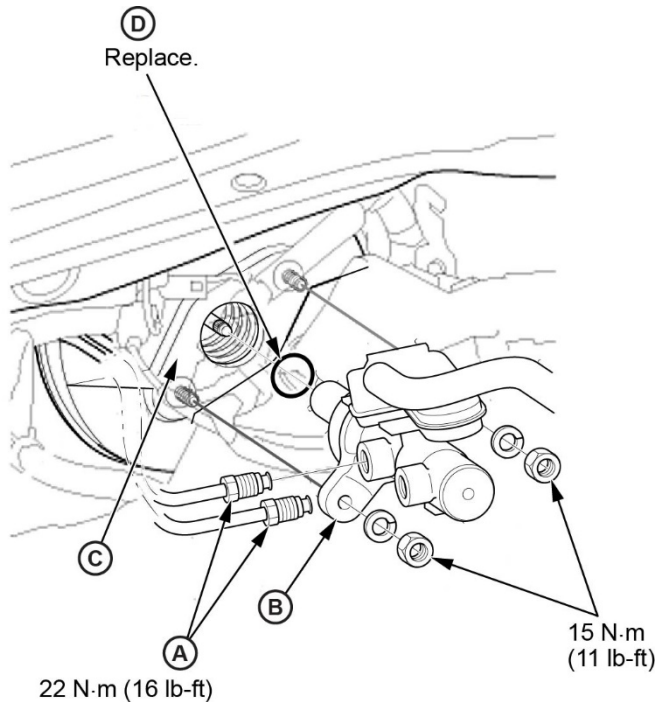
- Be careful not to bend or damage the brake lines.
  - **DO NOT** hold the master cylinder by the piston; it can separate from the body.
3. Remove the O-ring (D) from the master cylinder and discard.



10. Install the new master cylinder assembly (B) and a new O-ring (D) to the brake booster (C), then connect the brake lines (A).

NOTE:

- Coat the new O-ring with silicone grease (Shin-Etsu G40M).
- Make sure not to get any silicone grease on the terminal part of the connectors and switches, especially if you have silicone grease on your hands or gloves.



11. Reinstall the remaining parts in the reverse order of removal.

12. Bleed the brake system, [Conventional Brake System Bleeding](#).

13. Check the brake pedal height and free play, [Brake Pedal and Brake Pedal Position Switch Adjustment](#).

14. Check the wheels for brake drag.

15. Test drive the vehicle to verify proper brake operation.