September 16, 2025 Version 1

Oil Leak at Cam Chain Tensioner Inspection Cover

APPLIES TO

Year	Model	Trim Level	VIN Range
2021–25	TLX	ALL (except Type S)	ALL

SYMPTOM

Oil leak at the cam chain tensioner inspection cover.

POSSIBLE CAUSE

Insufficient sealant adhesion on inspection cover.

CORRECTIVE ACTION

Perform an engine oil leak diagnostic using the Leak Detection Kit in accordance with Job Aid: *Diagnosing Crankcase Leaks with New Engine Oil Leak Detection Kit* to accurately identify whether the source of the leak is the cam chain inspection cover. Once verified, address the issue by resealing the inspection cover, replacing it if necessary.

WARRANTY CLAIM INFORMATION

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
1107A3	Perform an engine oil leak diagnosis. **Re-seal** cam chain inspection cover	0.7hr	07408	05101	B25048A	11412-RPY-G00
1101KH	Perform an engine oil leak diagnosis. **Replace** cam chain inspection cover	0.7hr	07408	05101	B25048B	11412-RPY-G00

PARTS INFORMATION

NOTE: ONLY order parts if replacing due to damage. Reuse parts when possible.

Part Name	Part Number	Quantity
Chain Case Cover (2.0L Turbo)	11412-RPY-G00	1

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.

REQUIRED MATERIALS

Part Name	Part Number	Quantity
Hondabond HT Silicone Gasket	08718-0004	1 tube per 5 repairs

TOOL INFORMATION

A leak detection kit was auto-shipped to each Acura dealer and is a required special tool. Additional kits can be ordered through the Honda Tool and Equipment Program at **(888) 424-6857**. To order on the iN, navigate to: **Service>Service Bay> Tool and Equipment Program**, then search for “engine oil leak detection kit”.

Tool Name	Tool Number	Quantity
Leak Detection Kit	07AAJ-5A2A100	1

LEAK DETECTION KIT PREPARATION

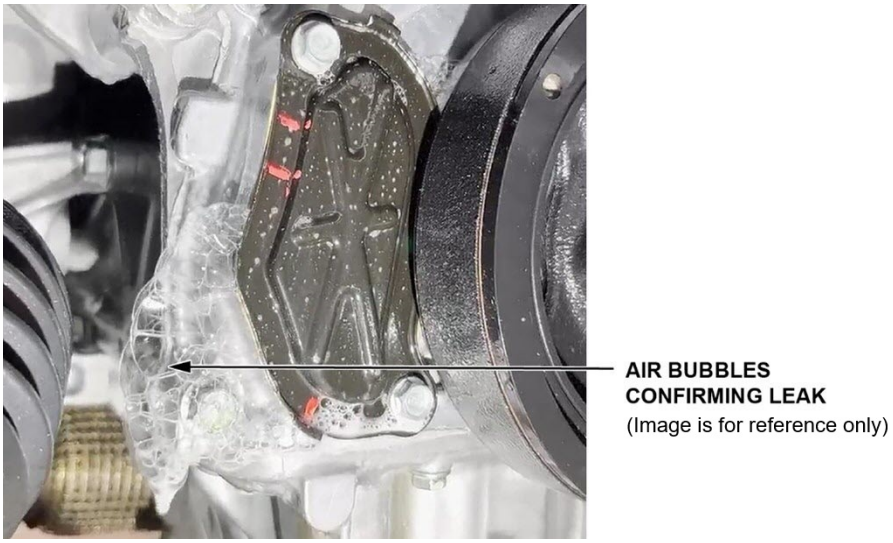
Refer to Job Aid *Diagnosing Crankcase Leaks with New Engine Oil Leak Detection Kit* for information about the kit.

Preparation

- Ensure the supplied air pump is fully charged.
- Ensure the supplied air hose does not have any signs of damage for air to escape.

SAMPLE IMAGE AND VIDEO

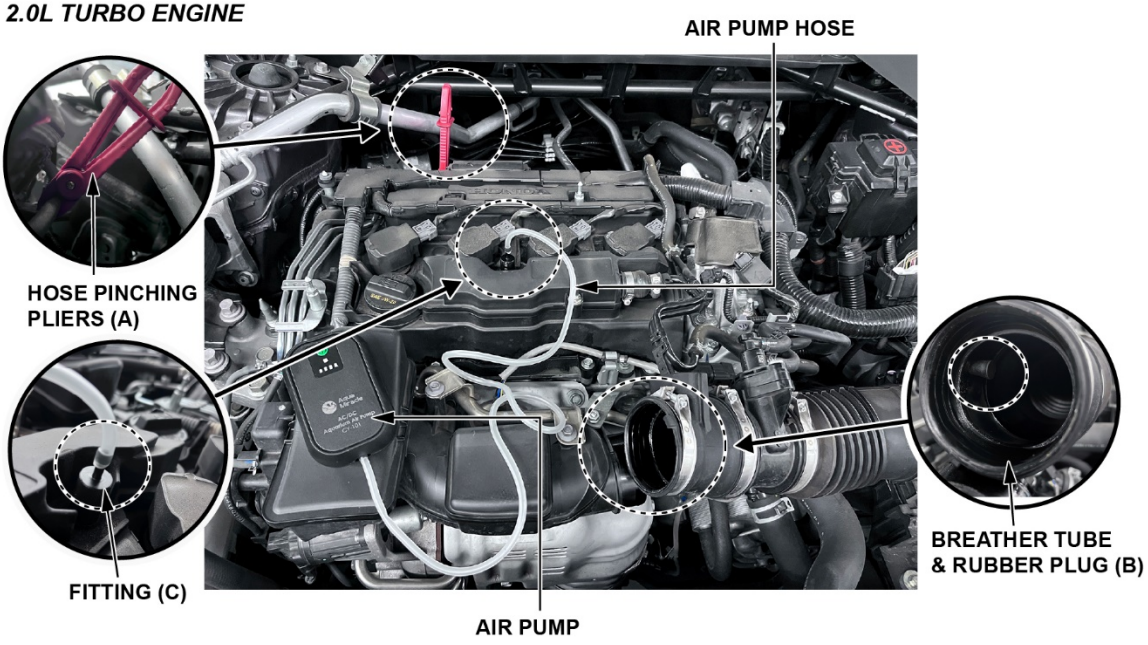
Use the following image and video to help identify a leak found using the Engine Leak Detection Kit. Click the following link to view the video: Inspection Cover Leak.



INSPECTION PROCEDURE

Refer to the overview image below to perform the following steps.

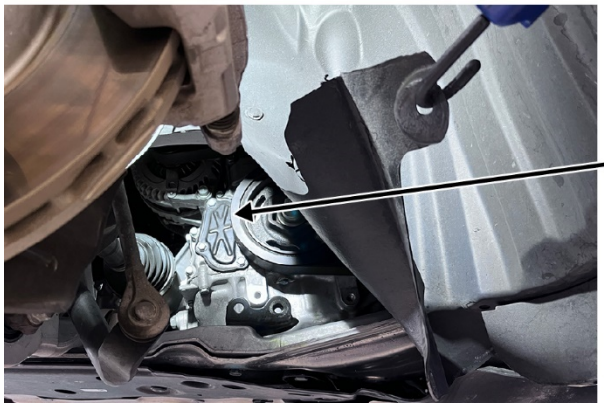
2.0L TURBO ENGINE

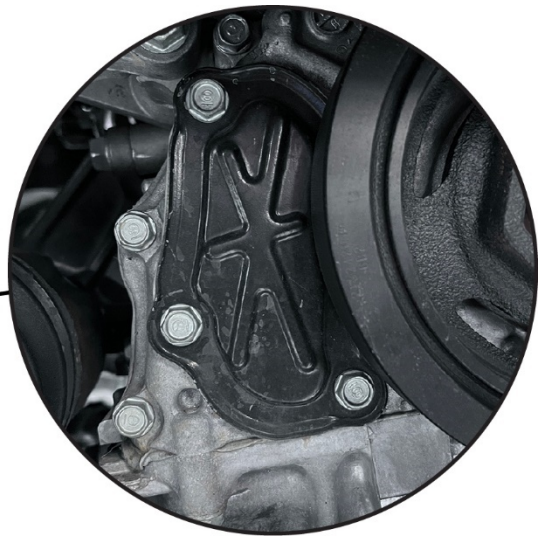


1. With the engine off and engine cover removed (if applicable), use the plastic hose pinching pliers (A) to pinch off the PCV tube.
2. Remove the intake tubing to gain access to the breather tube.
3. Plug the breather tube using an appropriately sized rubber plug (B).
4. Remove the engine oil dipstick.
5. Insert the appropriately sized fitting (C) into the engine oil level dipstick hole.

   NOTE: The appropriate fitting should engage the same as when inserting the dipstick.
6. Connect one end of the air pump hose onto the small end of the fitting, then insert the other end of the hose to the supplied air pump.
7. Turn the air pump ON.
8. Wait **2 minutes,** then confirm the crankcase is holding air pressure by pulling the fitting out of the dipstick tube and listening for a release of pressure. Leave the air pump running during this step.
   - If pressure release is heard, replace the fitting then continue with the leak test process.
   - If pressure release is not heard, turn the air pump off then check if breather and PCV hoses are properly pinched and/or blocked off then repeat steps 5 and 6.
9. Remove the right front wheel.

10. Remove the clips and pull the under body splash shield up to access the tensioner inspection cover.





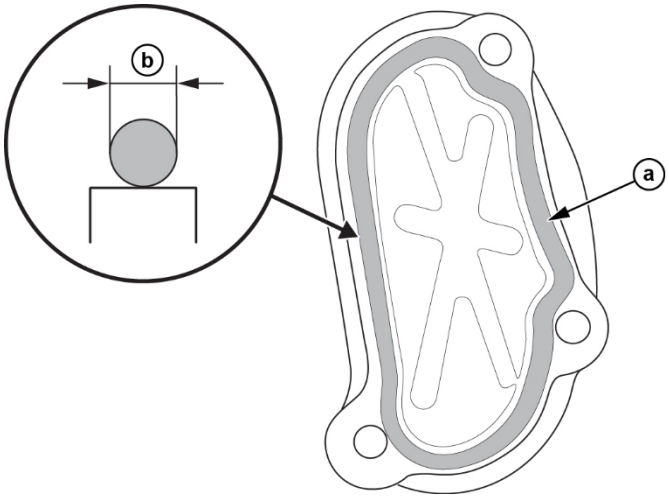
11. Spray the suspected engine oil leak area with soapy water.
12. Look for air bubbles confirming a leak (refer to SAMPLE IMAGE AND VIDEO section on page 2).
13. Is the cam chain tensioner inspection cover leaking?

    YES – Proceed to step 1 of the REPAIR PROCEDURE.

    NO – Continue with normal troubleshooting.

REPAIR PROCEDURE

1. Remove the cam chain tensioner inspection cover.
2. Remove the old sealant from the cam chain tensioner inspection cover with a scouring pad (if reusing original inspection cover).
3. Apply a 2.5 mm bead of new sealant to the inspection cover.



Position	Detail
a	Sealant (08718-0004)
b	2.5 mm (0.098 in.)

4. Reinstall the cover within **4 minutes** of applying the new sealant, then torque the bolts to **9 lb-ft**.

   NOTE:

   - If too much time has passed after applying the sealant, remove the old sealant and residue, then reapply new sealant.
   - Wait at least **30 minutes** after installing the cover before filling the engine with oil.
   - Do not run the engine for at least **3 hours** after installing the parts.
5. Remove the Engine Oil Leak Detection Kit and reinstall all removed parts in reverse order of removal.