



EMISSIONS RECALL

CRF450RL ECU Inspection

BACKGROUND

Honda is launching an **EMISSIONS RECALL** on **CERTAIN 2022 CRF450RL** motorcycles to inspect the Engine Control Unit (ECU). The affected units may have had an incorrect ECU installed at the factory. A motorcycle with an incorrect ECU may exhibit drivability issues and is not within emissions certification compliance.

AFFECTED UNITS

As of July 18, 2022, **YOU MUST NOT SELL CERTAIN NEW or USED** 2022 CRF450RL motorcycles until they are repaired according to this Service Bulletin.

- To search for applicable recalls on a specific unit, you **MUST** use *Unit Information on iN*.
- To manage your affected new inventory, use your dealer *eResponsibility Report on iN*.

CUSTOMER NOTIFICATION

American Honda intends to mail customer letters to all owners of affected 2022 CRF450RL motorcycles in September 2022. Customers will be informed that their motorcycle may be affected by an emissions related defect and will be advised to make an appointment with an authorized Honda dealer for repair.

PART INFORMATION

Parts will be available in limited quantities beginning in early August 2022. Parts needed for this repair are under *TechLine* control. If the unit fails inspection, you **MUST** contact *TechLine* to have the correct ECU shipped to your dealership. No parts order is necessary, the ECU will be shipped by *TechLine*.

DEALER REPAIR RESPONSIBILITY

- Repairs must be performed by a qualified technician.
- Performing this repair exactly as shown in Repair Procedure instructions is critical for the remedy to be effective. Carefully follow all instructions.
- Service Management should inspect and confirm the repair.
- Dealer submission of a warranty claim affirms this repair was properly performed.

WARRANTY CLAIM INFORMATION

After completing this Service Bulletin update, submit one warranty claim per unit with the following template number.

Model	Template	Description	Flat Rate
CRF450RL	KN7A	Inspection Only	0.7 hr
	KN7B	Inspection & Replacement	0.7 hr

* Filing a KN7B claim will automatically credit a 40% handling fee based on the current dealer net price of the ECU.

TECHNICAL QUESTIONS

If you have any technical questions relating to this update procedure, please contact:

Motorcycle *TechLine* Online:

iN > Service > TechLine > TechLine > Tech-Line Connect

Or call (800) 421-1900, option 9

WARRANTY QUESTIONS

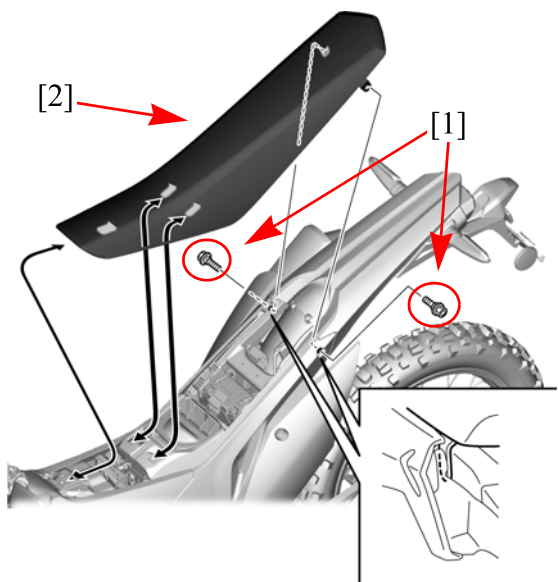
If you have any warranty administration questions relating to warranty claim templates, and claim filing procedures, please contact:

Motorcycle *Warranty* Online:

iN > Service > Warranty & HondaCare > Warranty Connect Filing

REPAIR PROCEDURE

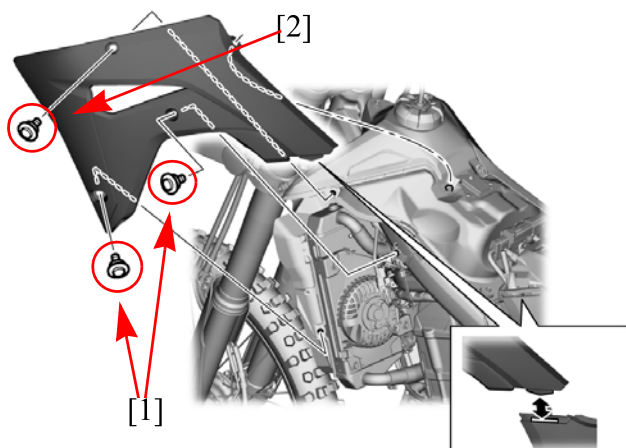
1. Remove the seat mounting bolts [1] and the seat [2].



TORQUE:

- Seat Mounting Bolts: 26 N·m (2.7 kgf·m, 19 lbf·ft)

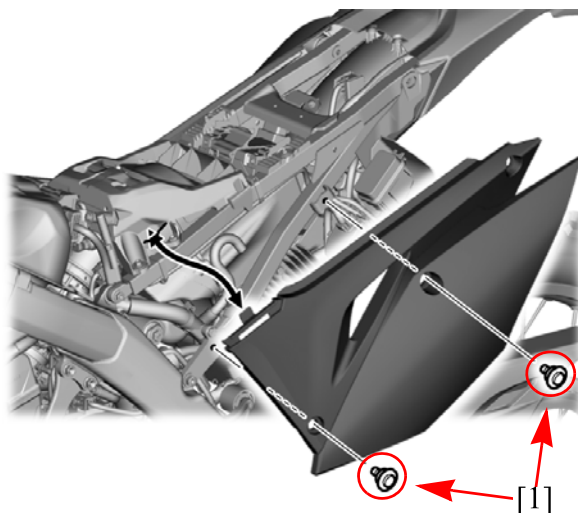
2. Remove both the left and right radiator shrouds.



TORQUE:

- Radiator Shroud Bolts [1]: 10 N·m (1.0 kgf·m, 7 lbf·ft)
- Radiator Shroud Bolts [2]: 5.2 N·m (0.5 kgf·m, 3.8 lbf·ft)

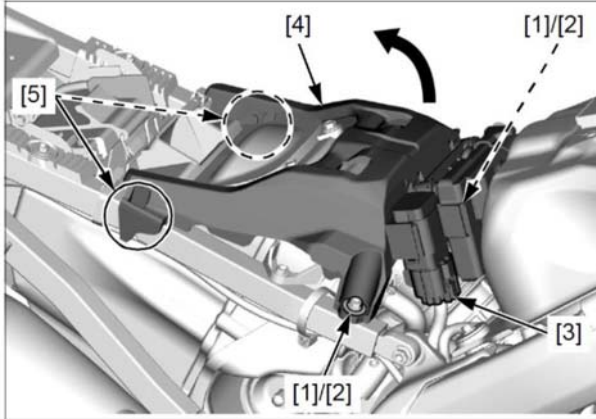
3. Remove both the left and right side covers.



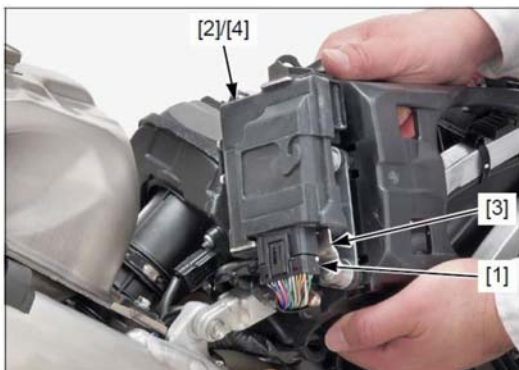
TORQUE:

- Side Cover Bolts [1]: 10 N·m (1.0 kgf·m, 7 lbf·ft)

4. Remove the bolts [1] and flange collars [2]. Disconnect the relay box 8P connector [3]. Pull up the front side of the seat support base [4]. Release the tabs [5] from the rear frame. Remove the seat support base and hang it to the left side of the rear frame.

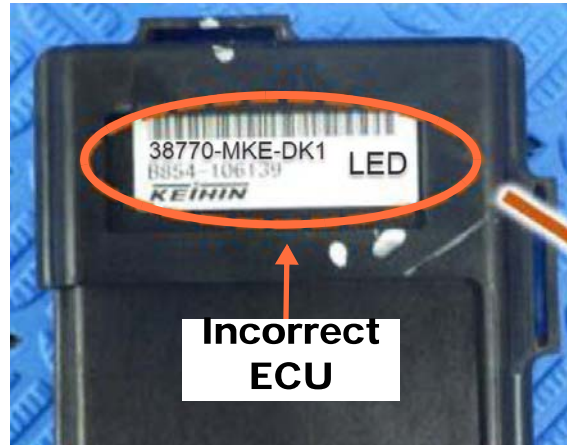


5. Disconnect the ECU 33P connector [1]. Remove the ECU [2] from the ECU stay [3]. Remove the ECU suspension [4] from the ECU. Disconnect the bank angle sensor 3P connector [5]. Remove the seat support base with the relay box and bank angle sensor.



6. Confirm the ECU is correct.

- **Incorrect P/N:** 38770-MKE-DK1 (LED)



- **Correct P/N:** 38770-MKE-AK1 (LAC)



Note: If the ECU has the incorrect part number, take a photo of the part number and call *TechLine* to have the correct ECU shipped to your dealership.

7. Installation is in the reverse order of removal.

TEXT OF CUSTOMER LETTER

TEXT OF CUSTOMER LETTER IS FORTHCOMING