



# Technical Service Bulletin

GROUP <b>RECALL</b>	NUMBER <b>23-01-095H</b>
DATE <b>DECEMBER 2023</b>	MODEL(S) <b>KONA (SX2)</b>

**SUBJECT:** ENGINE ROOM JUNCTION BLOCK WIRING – CRUSH SHIELD INSTALLATION (RECALL 252)

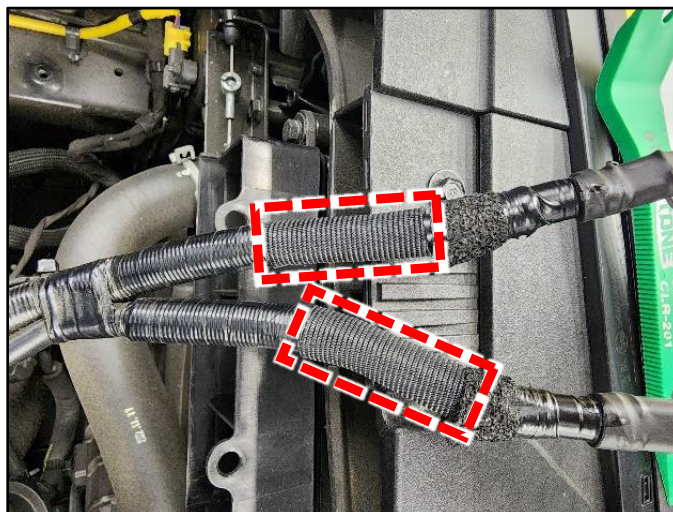
## ★ IMPORTANT

Vehicle repairs related to safety recalls are critically important and must be performed properly in accordance with TSB procedures. Review this bulletin in its entirety prior to beginning any repair work.

As required by federal law, dealers must not deliver new vehicles for sale or for lease to customers until all open recalls have been performed. Dealers must also perform all open recalls on used vehicles, demo, and rental vehicles prior to placing them into customer use and whenever an affected vehicle is in the shop for any maintenance or repair.

Access the “Vehicle Information” screen via WEBDCS to identify open recalls.


**Description:** Certain 2024MY Kona (SX2) vehicles equipped with a 1.6T engine contain a 12-volt positive battery cable that could become damaged during a frontal crash by contacting the vehicle’s engine control module bracket. An electrical short from the damaged 12-volt positive battery cable to bracket contact increases the risk of a post-crash, engine compartment fire. Follow the procedure in this TSB to install crush shields on the 12-volt battery wiring in the engine room junction block to reduce the risk of an electrical short or fire.



**Applicable Vehicles (Certain):**

- 2024MY Kona (SX2) equipped with 1.6T engines produced 06/19/2023 - 11/27/2023

**SUBJECT:** ENGINE ROOM JUNCTION BLOCK WIRING – CRUSH SHIELD INSTALLATION (RECALL 252)**Parts Information:**

Model	Part Name	Part Number	Quantity	Figure	Remarks
Kona (SX2)	Crush Shield	18503-18700QQH	2		Each tube is 55 mm long, 2 tubes per vehicle required

**NOTE:** 2 tubes per vehicle will be placed in 1 small bag when shipped to dealer.

**Required Supplies:**

Model	Part Name	Part Number	Figure	Remarks
Kona (SX2)	Black PVC Electrical Tape	N/A; Source locally if necessary		Will need approximately 20 inches of tape per vehicle.

**NOTE:** Dealer will be reimbursed in sublet for use of tape.

**Warranty Information:**

Model	Op. Code	Operation	Op. Time	Casual Part	Nature Code	Cause Code
Kona (SX2)	31D170R0	Engine Room Junction Block Wiring Crush Shield Installation	0.5 M/H	91851-BE010	B32	ZZ6

**NOTE 1:** Submit claim on Claim Entry Screen as “Campaign” type.

**NOTE 2:** If a part is found in need of replacement while performing this recall and the affected part is still under warranty, submit a separate claim using the same repair order. If the affected part is out of warranty, submit a Prior Approval request for goodwill consideration prior to performing the work.

**NOTE 3:** This TSB includes Repair validation photos. Op times include VIN, Mileage and Repair validation photos as outlined in the Digital Documentation Policy.

**NOTE 4:** Dealers will be reimbursed \$0.50 in sublet for use of tape under op code 31D170R0.

**Service Procedure:**

**STUI**



This TSB includes Repair validation photos. Refer to the latest Warranty Digital Documentation Policy for requirements.

**NOTICE**

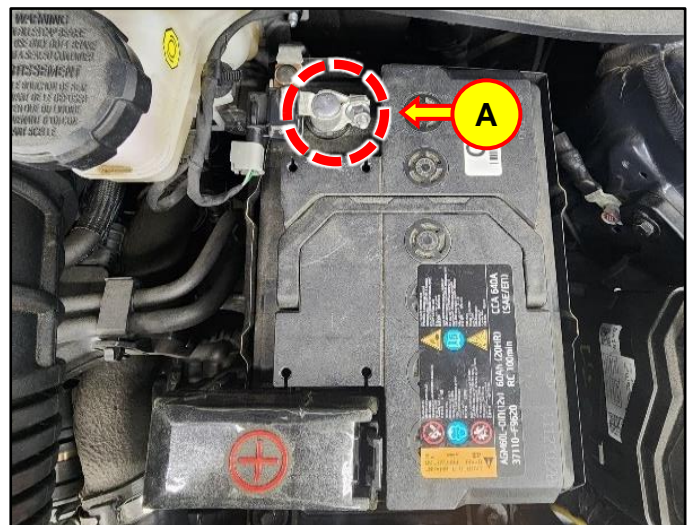
Pay special attention to the following when performing this procedure:

- Proper torque of battery terminals.
- Do not omit clips at reinstallation.
- Proper connection of ECU connector.

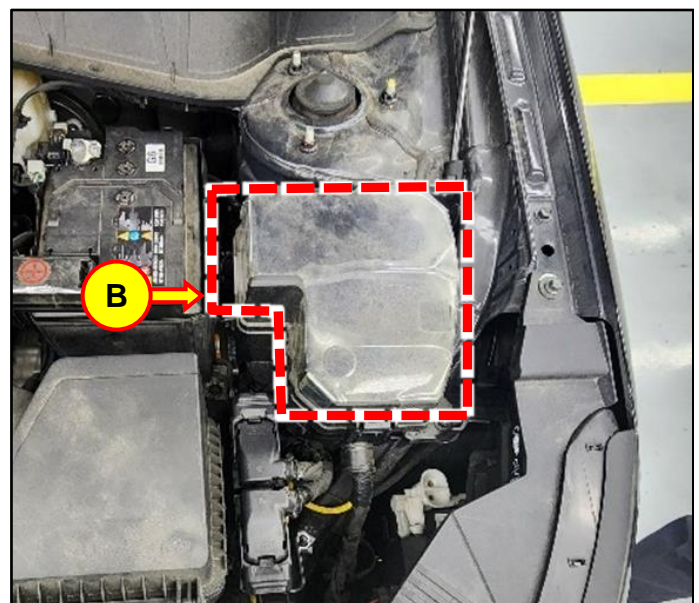
1. Record customer's radio presets, then turn ignition OFF and disconnect negative (-) (A) battery terminal.

**Tightening Torque – Negative (-):**

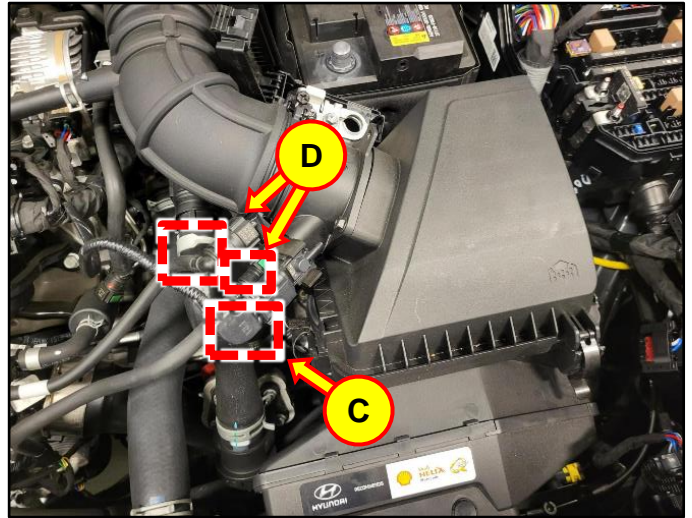
lb-ft	6.5
lb-in	78
N.m	8.8



2. Remove the upper cover of the engine room junction block (B).



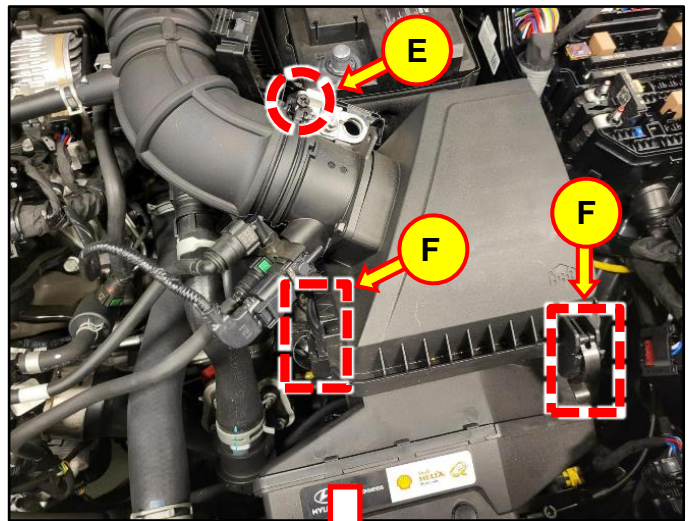
3. Remove the ejector assembly sensor (C) and 2 vacuum connections (D).



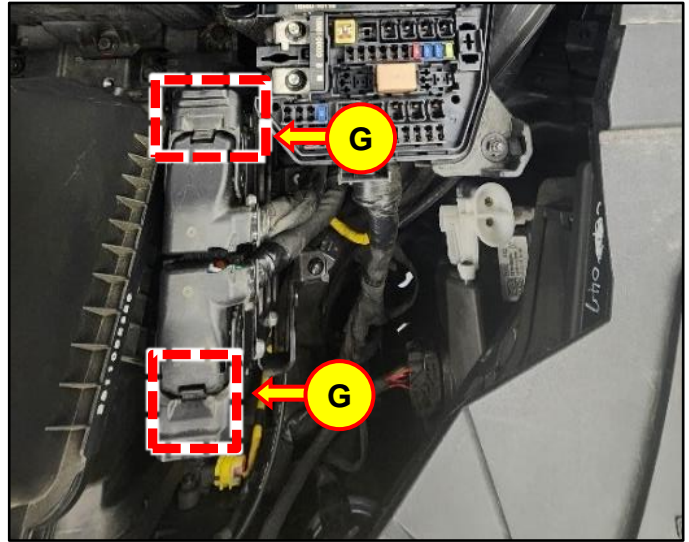
4. Loosen the mounting bolt (E), open the clips (F), then remove the air cleaner assembly upper cover.

**Tightening Torque:**

lb-ft	2.9
lb-in	35
N.m	3.9



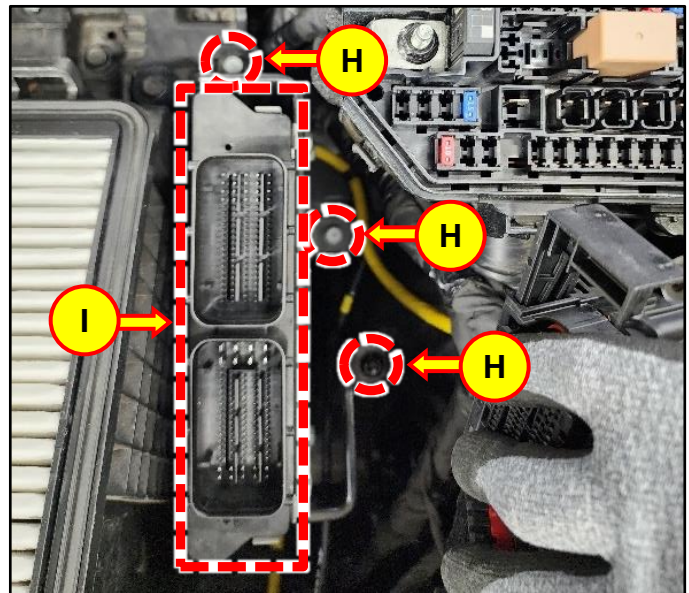
- Disconnect the engine control module (ECM) connectors (G).



- Remove the bolts and nuts (H), then remove the engine control module (ECM) (I).

**Tightening Torque:**

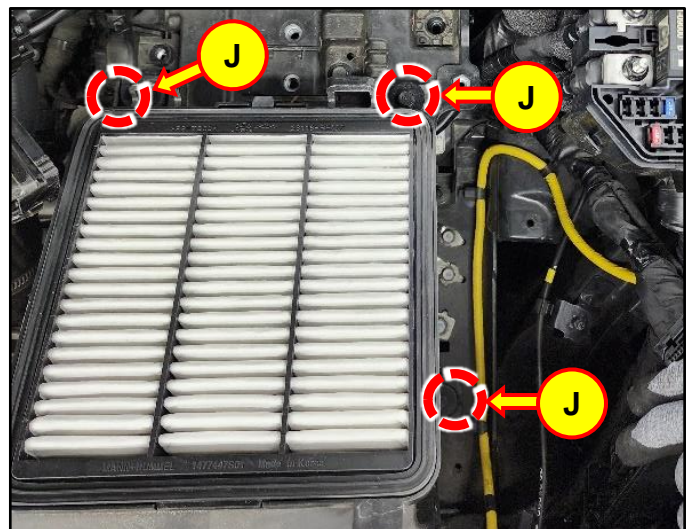
lb-ft	8.0
lb-in	95
N.m	10.8



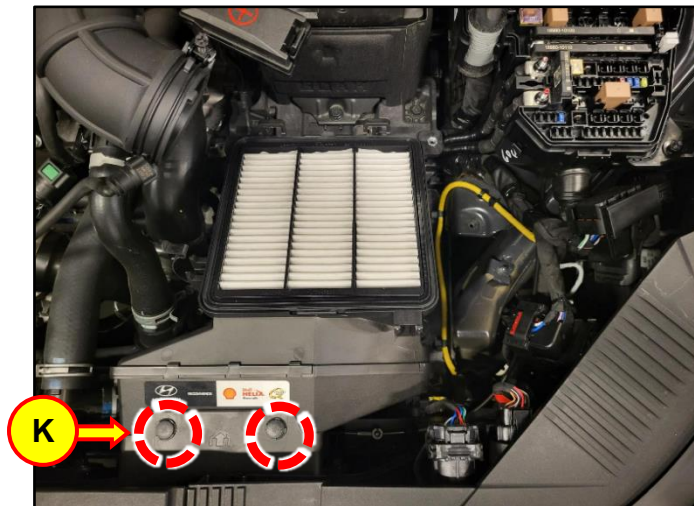
- Remove the air cleaner assembly bolts (J).

**Tightening Torque:**

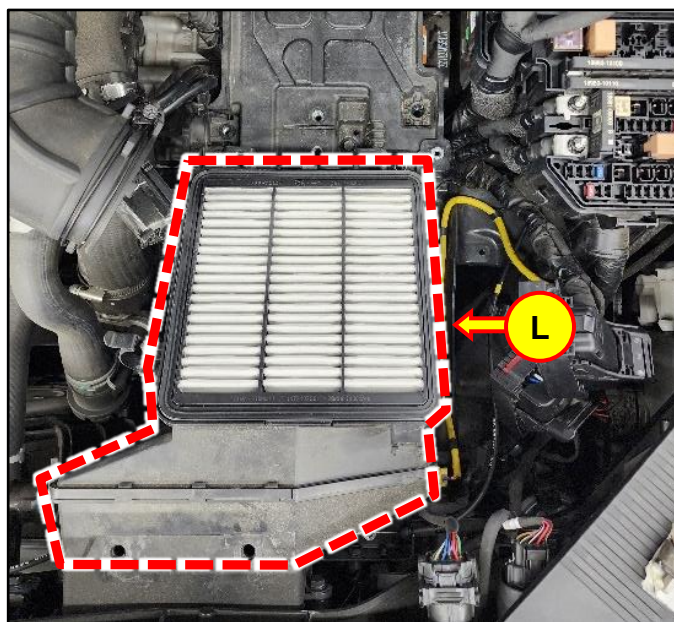
lb-ft	6.5
lb-in	78
N.m	8.8



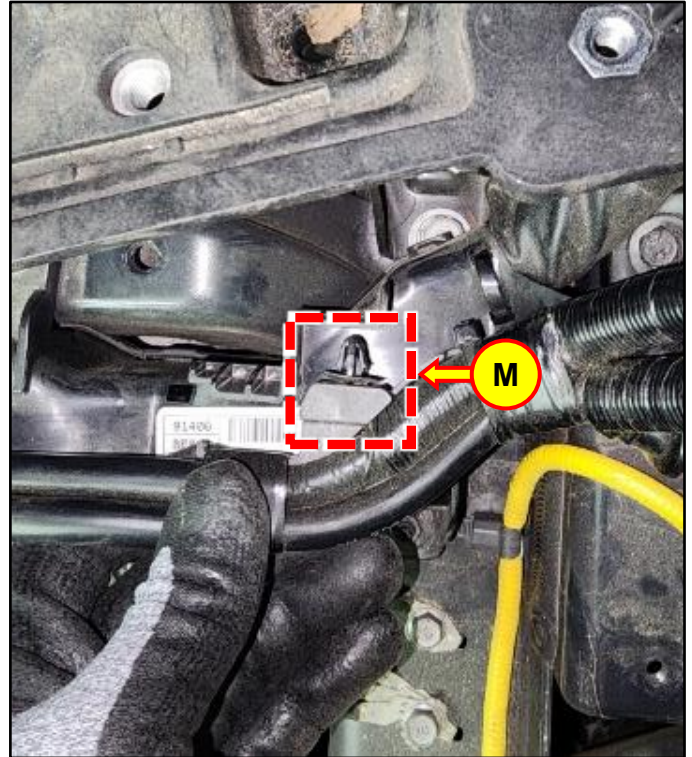
8. Remove the air duct clips (K).



9. Remove the air cleaner assembly (L).



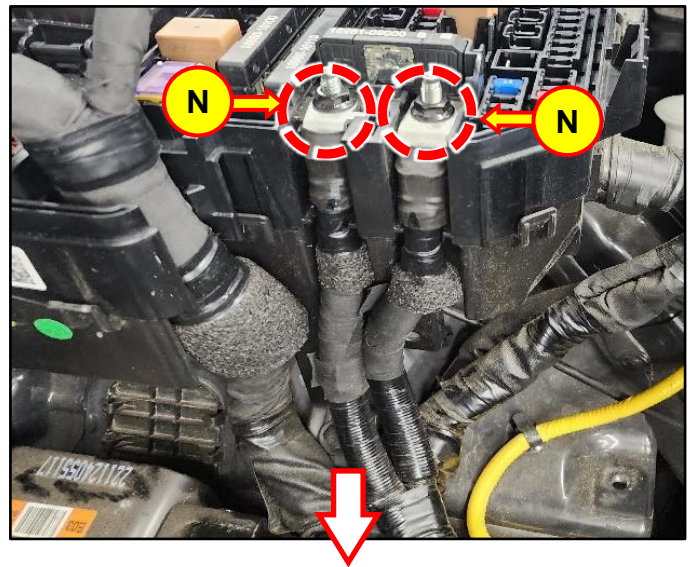
10. Remove the battery tray lower wiring clip (M).



11. Remove the engine room junction box wiring nuts (N).

**Tightening Torque:**

lb-ft	6.9
lb-in	83
N.m	9.3

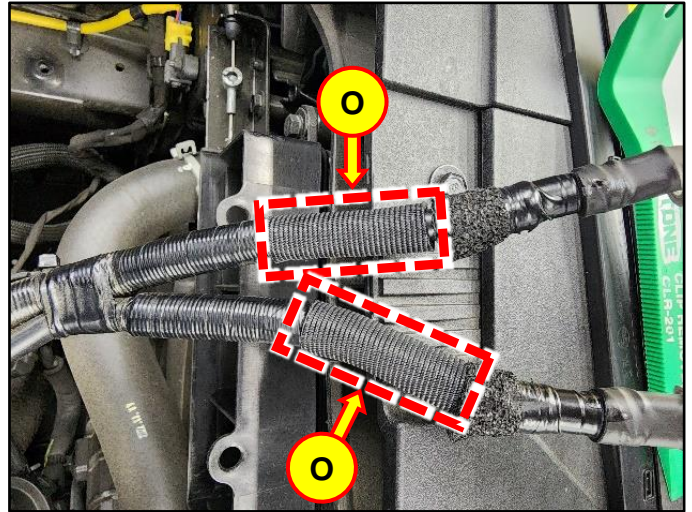


12. Prior to installation, please do not modify the crush shields (e.g. cut, tear) in any fashion.

Install the crush shields (O) to the wirings and wrap with black PVC electrical tape. You will need about 10 inches of tape per side.

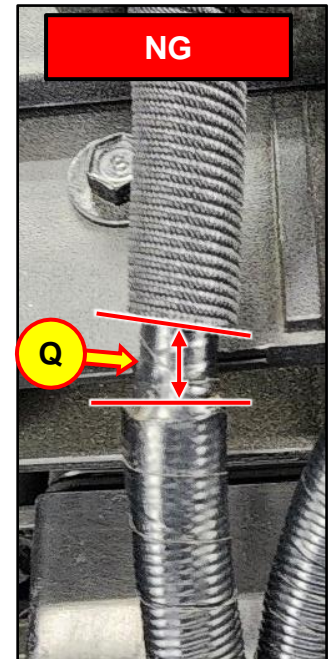
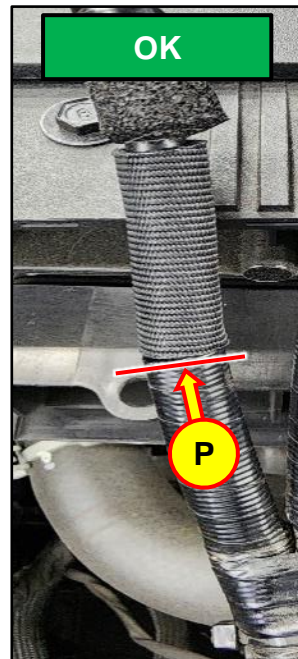
**i** Information

Install one crush shield on each wire.



**NOTICE**

When installing each crush shield, make sure it touches the upper end (P) of the existing crush shield to avoid creating a gap (Q).





13.

**STUI**



Using STUI, take a photo of the crush shields installed onto the wiring, with the last 6 digits of the VIN and the date of repair on a piece of paper.

Upload the photo to STUI.



14. Install all components in reverse order of removal.