



GROUP  
**Emissions  
Service Campaign**

NUMBER  
**SC184**

MODEL  
**2011-2016MY  
Sportage (SL)**

DATE  
**March 2020**

## VOLUNTARY EMISSIONS SERVICE CAMPAIGN

**SUBJECT: CANISTER INSPECTION AND  
AUXILIARY CANISTER INSTALLATION (SC184)**

This bulletin provides the procedure to inspect the evaporative system's existing canister for noise caused by loose charcoal on some 2011-2016 MY Sportage (SL) vehicles equipped with the 2.4L ULEV engine produced from May 6, 2010 through November 16, 2015. If noise caused by loose charcoal is confirmed, to improve evaporative system performance, follow the procedure set forth below on how to install the auxiliary canister kit.

Note: The existing canister should not be uninstalled or replaced.



### \* NOTICE

To assure complete customer satisfaction, always remember to refer to WebDCS Warranty Coverage (validation) Inquiry Screen (Service → Warranty Coverage → Warranty Coverage Inquiry) for a list of any additional campaigns that may need to be performed on the vehicle before returning it to the customer.

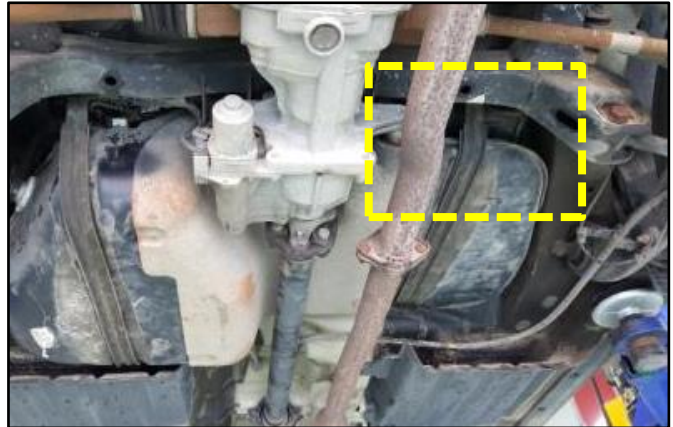
Printed TSB copy is for reference only; information may be updated at any time.  
Always refer to KGIS for the latest information.

- Circulate To:  General Manager     Service Manager     Parts Manager  
 Service Advisors     Technicians     Body Shop Manager     Fleet Repair

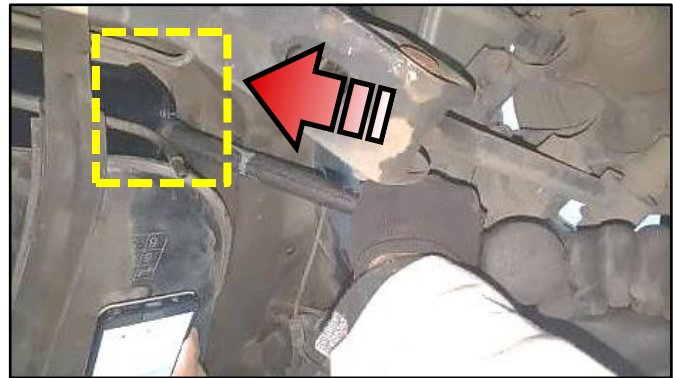
## CANISTER INSPECTION AND AUXILIARY CANISTER KIT INSTALLATION (SC184)

### Inspection Procedure:

1. Lift vehicle on a hoist and locate the evaporative system charcoal canister in the right rear near the fuel tank.



2. Using a rubber/plastic hammer, place the bottom end of the hammer against the canister surface and while holding firmly, tap the head of the hammer five (5) times and listen for loose charcoal sound from inside the canister.



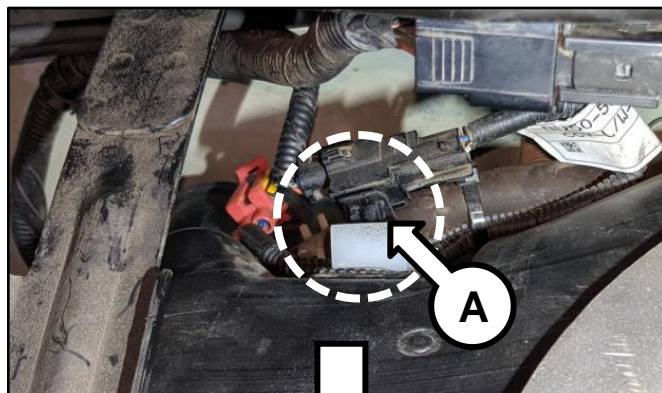
- 3a. If no loose charcoal sound is heard, mark a letter "V" and the date of the inspection using a permanent white/yellow marker on the surface of the existing canister. This service action is now complete no further action is required.
- 3b. If loose charcoal noise is heard inside the canister, proceed to install the auxiliary canister kit outlined on page 3.

SUBJECT:

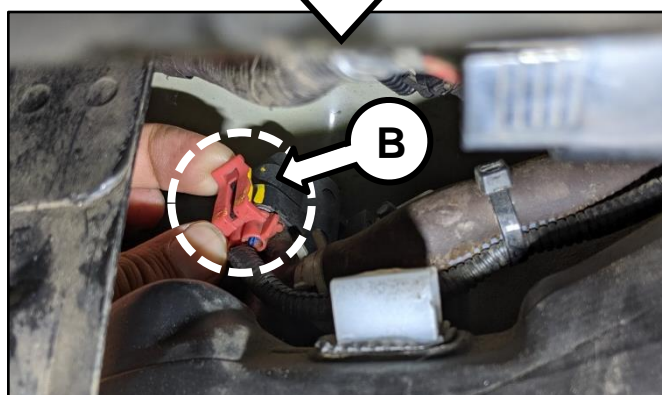
## CANISTER INSPECTION AND AUXILIARY CANISTER KIT INSTALLATION (SC184)

### Auxiliary Canister Kit Installation:

1. Carefully detach the evaporative system canister close valve (CCV) wire harness clip (A).

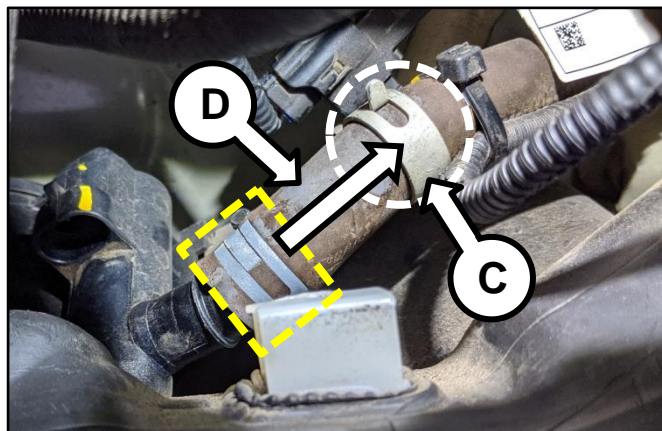


2. Disconnect the CCV connector (B).

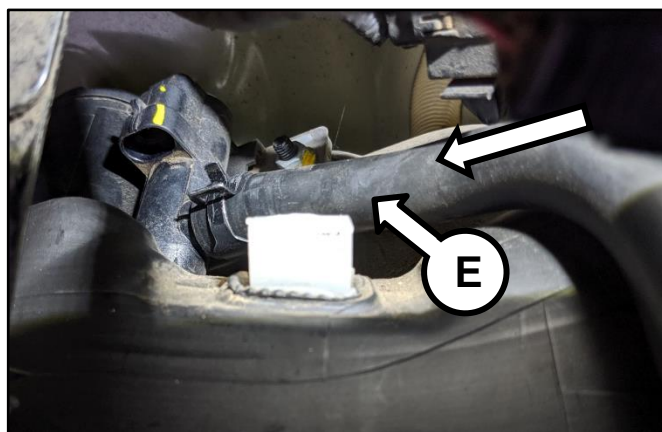


3. Slide the hose clamp (C) back and carefully detach the CCV vapor hose (D).

Note: The yellow dotted square shows the original clamp location.



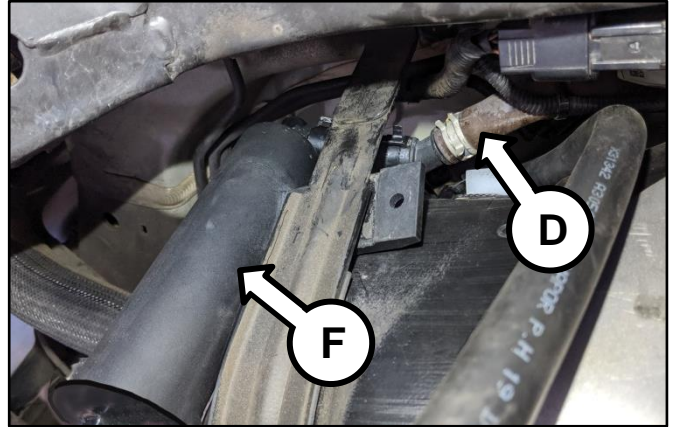
4. Install the new supplied canister hose (E) (90 degree end) into the CCV vapor inlet and secure with the provided clamp.



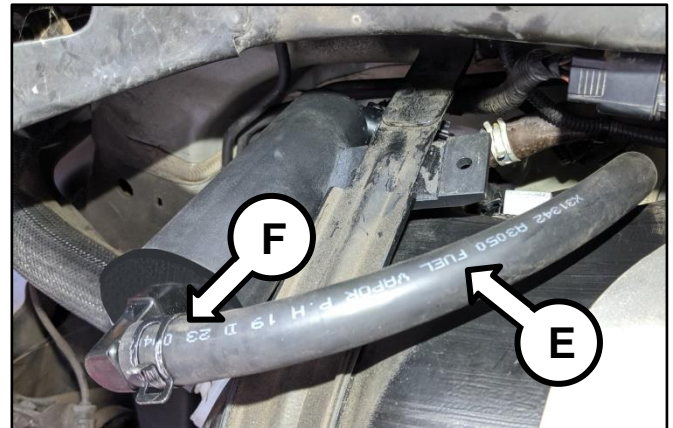
SUBJECT:

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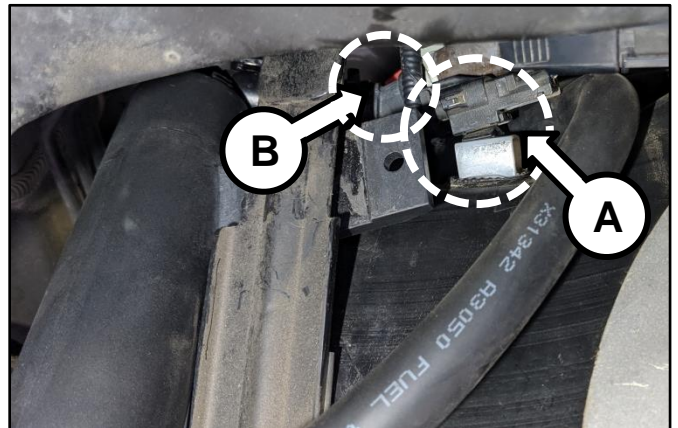
- Place the new auxiliary canister (F) behind the driver side fuel tank band and install the existing CCV vapor hose (D) into the new canister inlet and secure with the hose clamp.



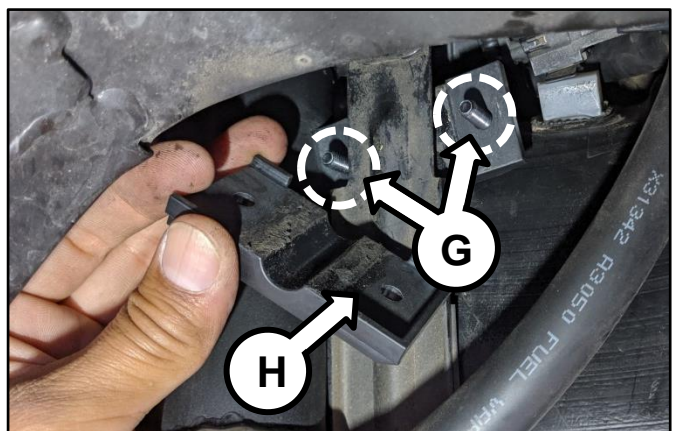
- Insert the other end of the new vapor hose (E) into the bottom of the new auxiliary canister (F) and secure with the supplied hose clamp.



- Re-attach the two (2) CCV harness clip (A) and CCV connector (B) removed in steps 1 and 2.



- Insert the two (2) auxiliary canister retaining bolts (G) from behind the canister bracket as shown and then install the outer bracket (H) over the fuel tank band.

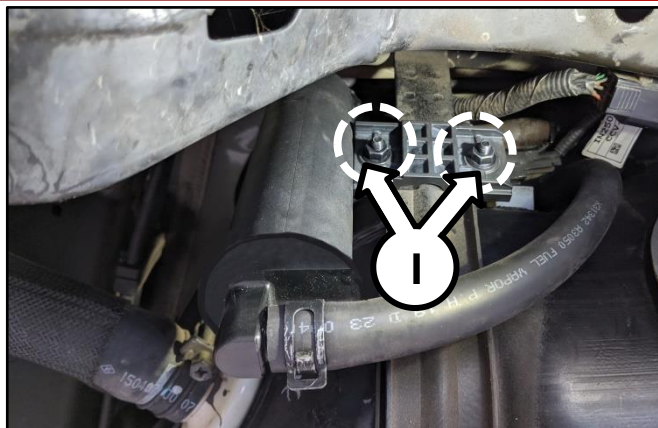


SUBJECT:

## CANISTER INSPECTION AND AUXILIARY CANISTER KIT INSTALLATION (SC184)

9. Install the two (2) supplied auxiliary canister retaining nuts (I) to secure the canister assembly to the fuel tank band.

**Tightening torque specification:**  
**2.9 - 4.3lb.ft (3.9 - 5.9N.m,**  
**0.4 - 0.6kgf.m)**



10. Perform KDS Evap Leakage Test using KDS.

HOME Online SPORTAGE(SL)/2014/G 2.4 GDI... VCI

S/W Management

• EVAP Leakage Test

|                     |   |
|---------------------|---|
| Purpose             | To check the evaporative system and fuel leakage when evaporative system related repair is done or component is replaced.   |
| Enable Condition    | <ol style="list-style-type: none"> <li>1. Engine Idle</li> <li>2. No DTC</li> <li>3. Fuel Level : 20-70%</li> <li>4. Battery voltage greater than 11V</li> <li>5. 2 Min after the engine start</li> <li>6. Coolant Temperature : 80°C(176°F)</li> </ol> |
| Concerned Component | Purge Control Solenoid Valve(PCSV), Canister Close Valve(CCV), Fuel Tank Pressure Sensor(FTPS), Evap. Line  |
| Concerned DTC       | P0441, P0442, P0455, P0456, P2422   |
| Fail Safe           | Warning Lamp On   |
| Etc                 | Wait at least 5 min. before re-performing Evap. leakage test.   |

OK

Do not touch any system buttons while performing this function.

11. Confirm test completed to ensure auxiliary canister installation was successful.

**Information**

Test completed !

No leak detected.

OK



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**ATTENTION: THE PROOF OF COMPLETION CARD AND CAMPAIGN COMPLETION STICKER ARE RESTRICTED TO ONLY DEALERS IN THE FOLLOWING STATES:**

California, Connecticut, Maine, Maryland, Massachusetts, New Jersey, Oregon, Pennsylvania, Rhode Island, Vermont, Washington, New York and Delaware.

**VEHICLE EMISSION RECALL - PROOF OF CORRECTION CARD**

A Vehicle Emission Recall - Proof of Correction card must be filled out for all vehicles registered in California, Connecticut, Maine, Maryland, Massachusetts, New Jersey, Oregon, Pennsylvania, Rhode Island, Vermont, Washington, New York and Delaware. Residents of these states, who own an affected vehicle, will be required to possess a Vehicle Emission Recall - Proof of Correction card as evidence of voluntary service campaign completion, when they apply for vehicle registration renewal.

**WHAT TO DO WITH THE CARD:**

The Vehicle Emission Recall - Proof of Correction card must be completed by the Dealership's Service Manager using a permanent ink pen. A fine point pen is recommended. When filling in the information, copy the information directly from the vehicle, not the repair order. **ALL INFORMATION MUST BE PRINTED AND NEAT.**

**NOTE: DO NOT COMPLETE THE CARD UNLESS THE SERVICE CAMPAIGN WORK IS COMPLETED.**

The copy of the card shown below indicates the areas to be filled in. Each area must be filled in. The completed card should be given to the owner of the vehicle upon completion of the Campaign and placement of the **Campaign Completion Label** outlined below.

**FILLING OUT AND APPLYING THE CAMPAIGN COMPLETION LABEL:**

The dealer must fill in the Dealer Code and Date information fields on the Campaign Completion Label. Once complete, affix the campaign completion label under the hood of the vehicle, as shown below.

Apply SC184 Campaign Completion Label onto the body in the area next to the shock tower, as shown. **NOTE: Be sure to clean the mounting surface to ensure proper label adhesion.**



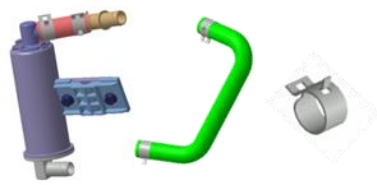
SUBJECT:

## CANISTER INSPECTION AND AUXILARY CANISTER KIT INSTALLATION (SC184)

AFFECTED VEHICLE RANGE:

| Model         | Production Date Range            |
|---------------|----------------------------------|
| Sportage (SL) | May 6, 2010 to November 16, 2015 |

REQUIRED PART:

| Part Name  | Part Number    | Figure   |
|--|----------------|--|
| Auxiliary Canister Kit                           | 31410 2S510QQK |   |
| Campaign Completion Label                        | UT160 SC184*   |   |
| Vehicle Emission Recall Proof of Correction Card | UT161 SC000**  |  |

\*Order Controls are in place by "State".

\*\*CA, CT, MN, MD, MA, NJ, OR, PE, RI, VT, WA, NY and DE "States" only.

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          | 31420 2S500 | 0    | (SC184)<br>Charcoal Canister<br>Inspection   | 190118R0      | 0.2<br>M/H | N/A             | 0    |
|            |             |      | (SC184)<br>Charcoal Canister<br>Inspection<br>and Auxiliary Canister<br>Installation | 190118R1      | 0.5<br>M/H | 31410 2S510QQK  | 1    |

### \* NOTICE

VIN inquiry data for this repair is provided for tracking purposes only. Kia retailers should reference SC184 when accessing the WebDCS system.

