

PROCEDURE

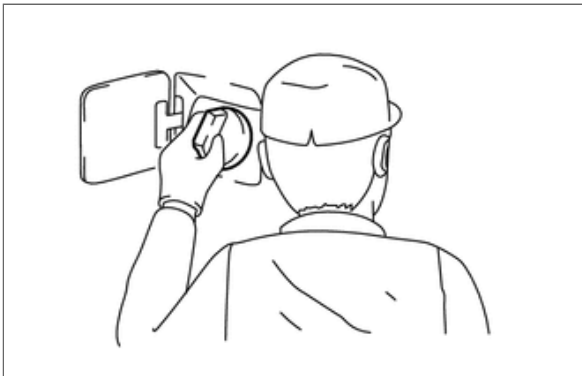


1.INSPECT CHARCOAL CANISTER ASSEMBLY

77740

- a. Inspect evaporative emission control system
Click here[Engine / Hybrid System>1GR-FE EMISSION CONTROL>EMISSION CONTROL SYSTEM>ON-VEHICLE INSPECTION](#)
- b. Check for clogs in the air filter (when not using GTS).
 - i. Start the engine.
 - ii. Warm up the engine.
 - iii. Allow the engine to idle after the engine has warmed up.
 - iv. After 15 minutes, open the fuel tank cap assembly to discharge the pressure in the fuel tank assembly.
 - v. Close the fuel tank cap assembly and allow the engine to idle for 30 seconds.

vi.



Open the fuel tank cap assembly again and check for inhalation sounds.

OK:

No whooshing sounds (inhalation sound) are heard.

HINT:

If there is a smell of gasoline and a whooshing sound (exhalation sound) is heard, positive pressure in the fuel tank assembly is being discharged. This does not indicate a malfunction.

- c. Check for clogs in the air filter (when using the GTS).
 - i. Connect the GTS to the DLC3.
 - ii. Start the engine.
 - iii. Turn the GTS on.
 - iv. Enter the following menus: Powertrain / Engine and ECT / Active Test / Activate the VSV for Evap Control.

Powertrain > Engine and ECT > Active Test

Tester Display
Activate the VSV for Evap Control

Execute

- v. Open the fuel tank cap assembly to discharge the pressure in the fuel tank assembly.
- vi. Perform the "Activate the VSV for Evap Control" Active Test while the engine is idling.
- vii. Close the fuel tank cap assembly and allow the engine to idle for 30 seconds.

viii. Open the fuel tank cap assembly again and check for inhalation sounds.

OK:

No whooshing sounds (inhalation sound) are heard.

HINT:

If there is a smell of gasoline and a whooshing sound (exhalation sound) is heard, positive pressure in the fuel tank assembly is being discharged. This does not indicate a malfunction.