

CHARCOAL CANISTER INSPECTION [SKYACTIV-G 2.0]

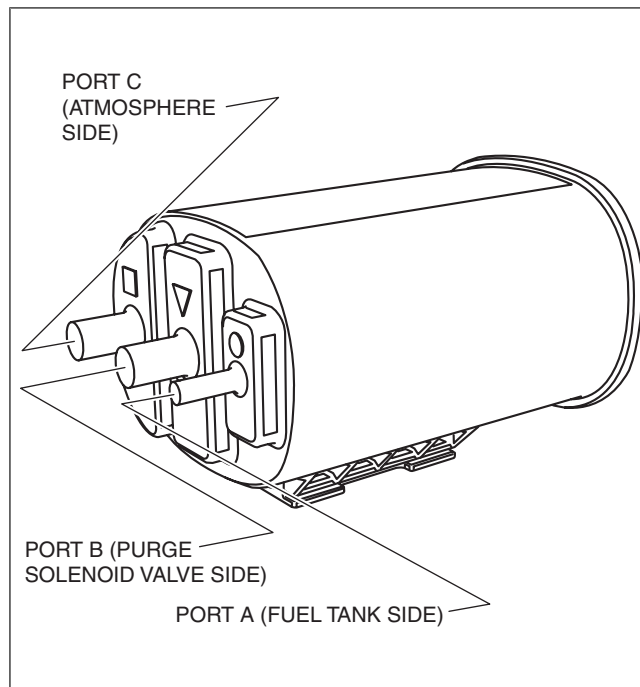
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Leakage Inspection

1. Perform the following procedures:
 - Assemble the hose used for inspection to port A.
 - Cover ports B and C with the caps.

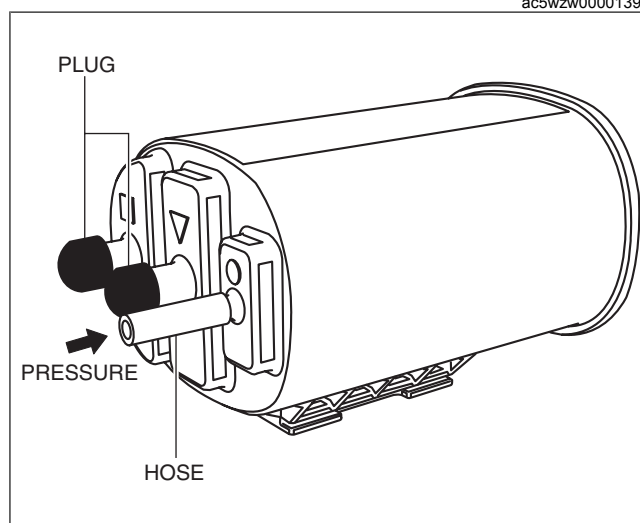
Caution

- **Do not apply a pressure 20 kPa {150 mmHg, 5.91 inHg} or more to the charcoal canister for 1 min. or more. Doing so will damage the charcoal canister.**



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2. Apply pressure (**19.6 kPa {147 mmHg, 5.79 inHg}**) through the hose, and verify that air does not leak from the charcoal canister.
 - If there is airflow, replace the charcoal canister. (See CHARCOAL CANISTER REMOVAL/ INSTALLATION [SKYACTIV-G 2.0].)
 - If there is no airflow, perform the following "Airflow Inspection". (See Airflow Inspection.)



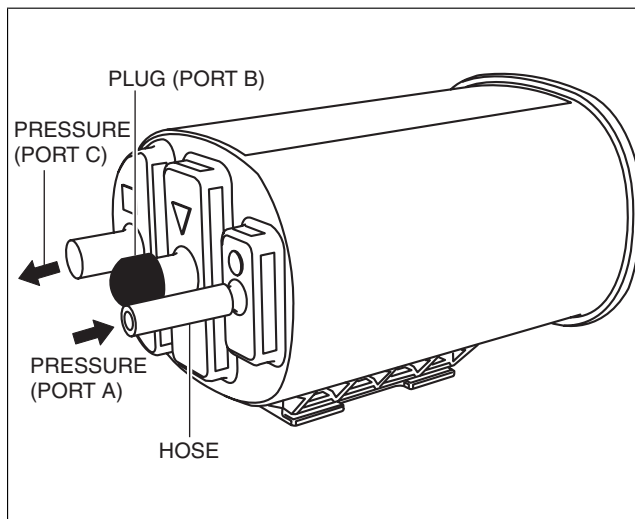
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Airflow Inspection

1. Perform the following procedure to verify the charcoal canister airflow.

Between port A and port C

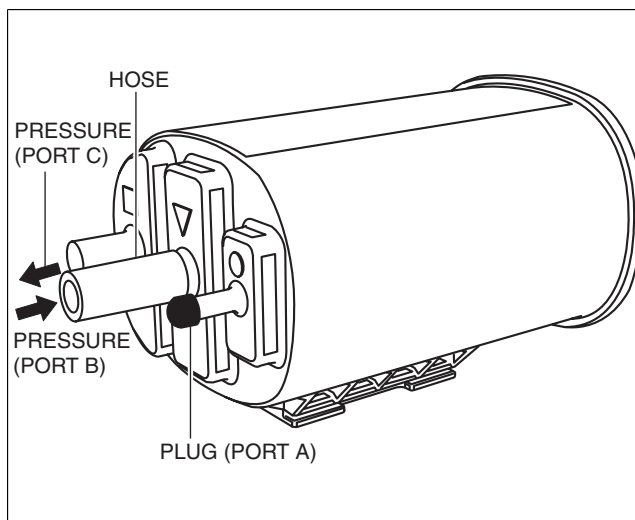
1. Plug the port B.
2. Apply a pressure of **0.98 kPa {7.4 mmHg, 0.29 inHg}** to port A.
3. Verify that there is airflow from port C.
 - If there is no airflow, replace the charcoal canister. (See CHARCOAL CANISTER REMOVAL/INSTALLATION [SKYACTIV-G 2.0].)



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Between port B and port C

1. Plug the port A.
2. Apply a pressure of **0.98 kPa {7.4 mmHg, 0.29 inHg}** to port C.
3. Verify that there is airflow from port B.
 - If there is no airflow, replace the charcoal canister. (See CHARCOAL CANISTER REMOVAL/INSTALLATION [SKYACTIV-G 2.0].)



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