

## OIL CONTROL VALVE (OCV) REMOVAL/INSTALLATION [SKYACTIV-D 2.2]

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### Operation After Replacing OCV

1. After replacing the OCV, perform the following procedure.

STEP	ACTION	PAGE/CONDITION
1	Perform KOEO self-test procedure.	(See KOEO/KOER SELF TEST [SKYACTIV-D 2.2].)
2	Switch the ignition off.	—
3	Verify that the check engine light does not illuminate.	—
4	Switch the ignition off.	—

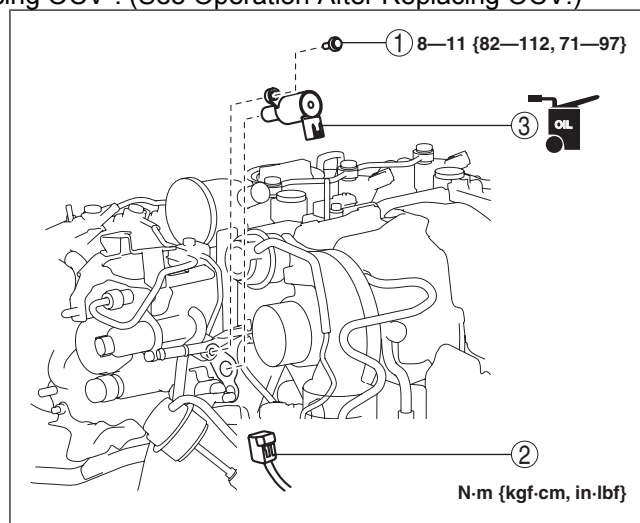
### OCV Removal/Installation

#### Warning

- A hot engine can cause severe burns. Turn off the engine and wait until it is cool before servicing.

1. Disconnect the negative battery cable. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].)
2. Remove the engine cover. (See ENGINE COVER REMOVAL/INSTALLATION [SKYACTIV-D 2.2].)
3. Remove the battery. (See BATTERY REMOVAL/INSTALLATION [SKYACTIV-D 2.2].)
4. Remove the air inlet pipe and turbocharger air inlet hose as a single unit. (See INTAKE-AIR SYSTEM REMOVAL/INSTALLATION [SKYACTIV-D 2.2].)
5. Remove in the order indicated in the table.
6. Install in the reverse order of removal.
7. If the OCV is replaced, perform "Operation After Replacing OCV". (See Operation After Replacing OCV.)

1	OCV installation bolt (See OCV connector disconnection note.)
2	OCV connector (See Operation After Replacing OCV.)
2	OCV (See OCV Removal/Installation.)



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#### OCV connector disconnection note

1. Pull out the OCV from the cylinder head with the OCV connector connected.
2. Disconnect the OCV connector.

#### OCV installation note

##### Caution

- If the OCV is dropped accidentally, replace with a new one. Otherwise, the OCV may not operate normally.
- Do not allow foreign matter to get caught when installing. Otherwise, it could leak oil.

#### OCV installation bolt installation note

##### Caution

- If the installation bolt is tightened with oil adhering, the bolt could be twisted and cut. Always degrease the bolt.