

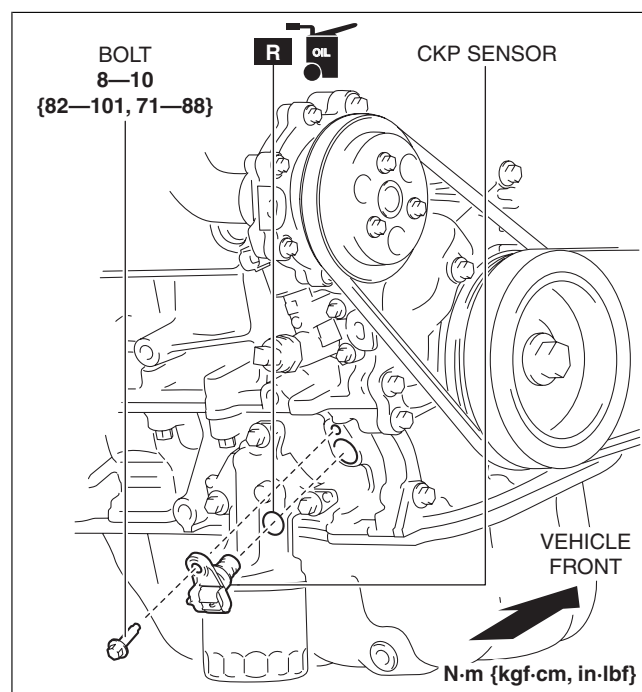
CRANKSHAFT POSITION (CKP) SENSOR REMOVAL/INSTALLATION [SKYACTIV-G 2.0, SKYACTIV-G 2.5]

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Caution

- If foreign matter such as metal shavings adhere to the CKP sensor, it can cause abnormal output from the sensor because of flux turbulence, which can negatively affect the engine control. Verify that there is no foreign matter on the CKP sensor when replacing.
- Do not assemble the CKP sensor or change the installation position using any method other than the following. Otherwise, it could negatively affect engine control, such as the ignition timing and fuel injection.

1. Disconnect the negative battery cable. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT i-stop)].)
2. Lift up the vehicle.
3. Perform the following procedure for easier access.
 - (1) Remove the service hole cover (installed to front under cover No.2) used to remove the oil filter. (See OIL FILTER REPLACEMENT [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)
 - (2) Remove the front splash shield. (See SPLASH SHIELD REMOVAL/INSTALLATION.)
4. Disconnect the CKP sensor connector.
5. Remove the CKP sensor.
6. Install in the reverse order of removal.



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