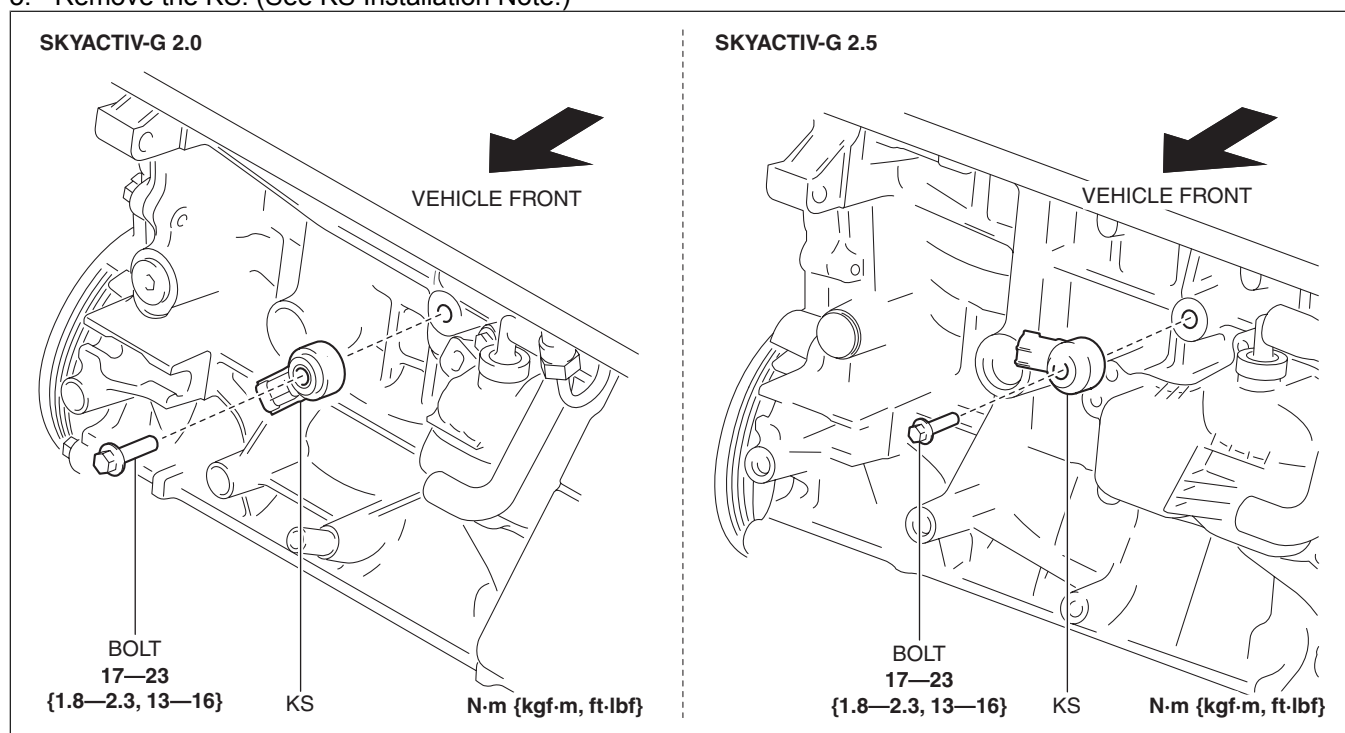


KNOCK SENSOR (KS) REMOVAL/INSTALLATION [SKYACTIV-G 2.0, SKYACTIV-G 2.5]

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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. Remove the plug hole plate. (See PLUG HOLE PLATE REMOVAL/INSTALLATION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)
3. Remove the intake manifold. (See INTAKE-AIR SYSTEM REMOVAL/INSTALLATION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)
4. Disconnect the KS connector.
5. Remove the KS. (See KS Installation Note.)



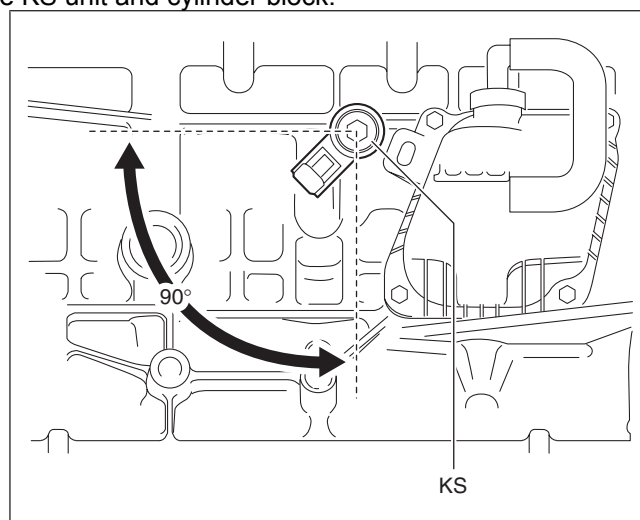
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6. Install in the reverse order of removal.

KS Installation Note

SKYACTIV-G 2.0

- Verify that there is no foreign matter caught between the KS unit and cylinder block.
- The direction of the KS connector is within the 90-degree angle range shown in the figure.

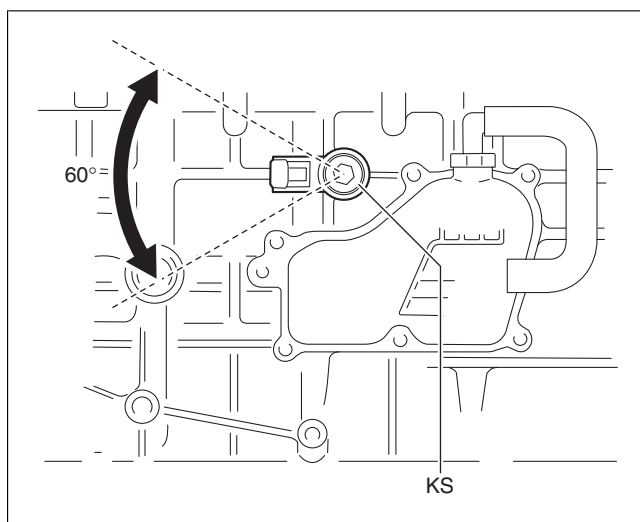


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SKYACTIV-G 2.5

- Verify that there is no foreign matter caught between the KS unit and cylinder block.

- The direction of the KS connector is within the 60-degree angle range shown in the figure.



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