

Component Procedures: Intake Manifold

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Component Procedures: Intake Manifold

Parts and Labor (itype_189)

Parts

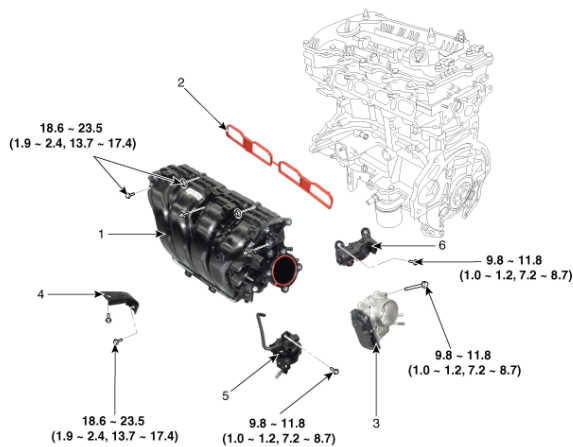
Qualifier	Part #	Name	Price	Note
Intake	283102EAA0	Intake Manifold	473.61	

Labor

Operation	Qualifier Path	Skill	Std Hrs	Wty Hrs
Remove & Replace	Intake > Intake Manifold, R&R	B	2.3	0.0

Intake Manifold - Components and Components Location (Article 45392)

- Components

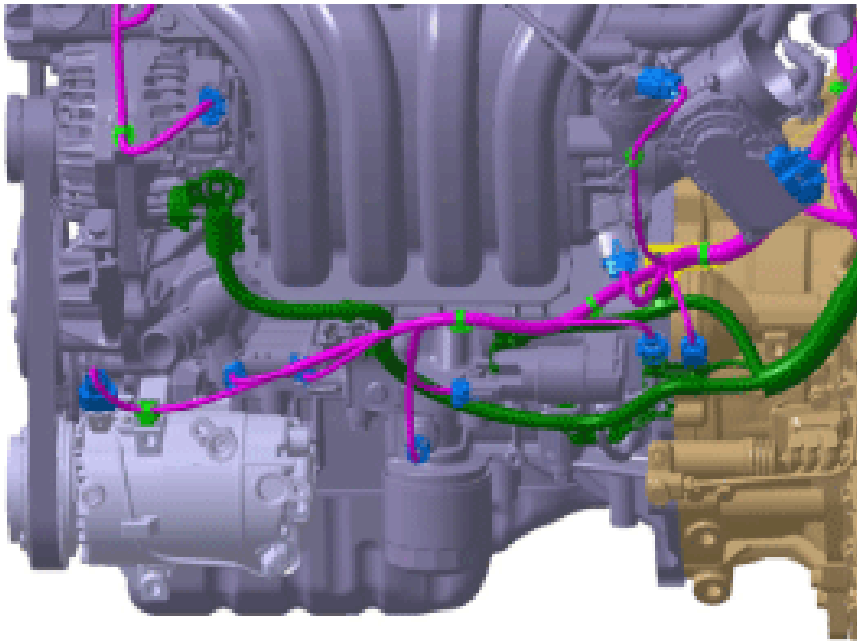
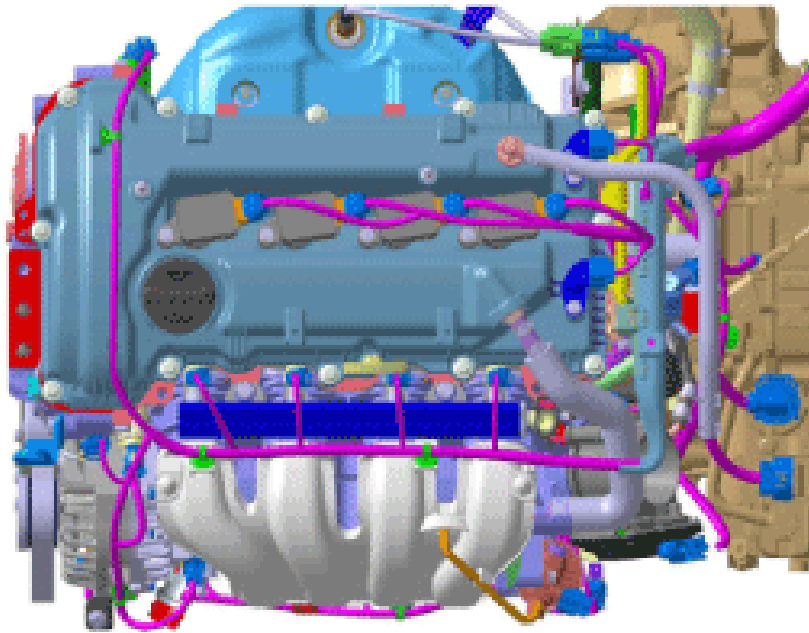


Tightening torque : N.m (kgf.m, lb-ft)

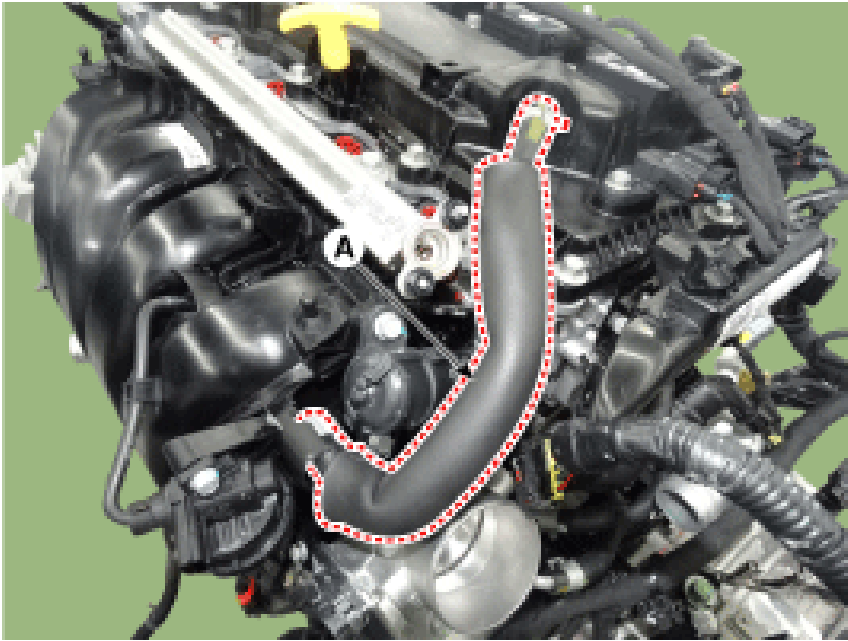
1. Intake manifold assembly 2. Intake manifold gasket 3. Electronic throttle body 4. Intake manifold stay 5. Variable intake solenoid (VIS) actuator 6. VCM motor

Intake Manifold - Repair Procedures (Article 45393)

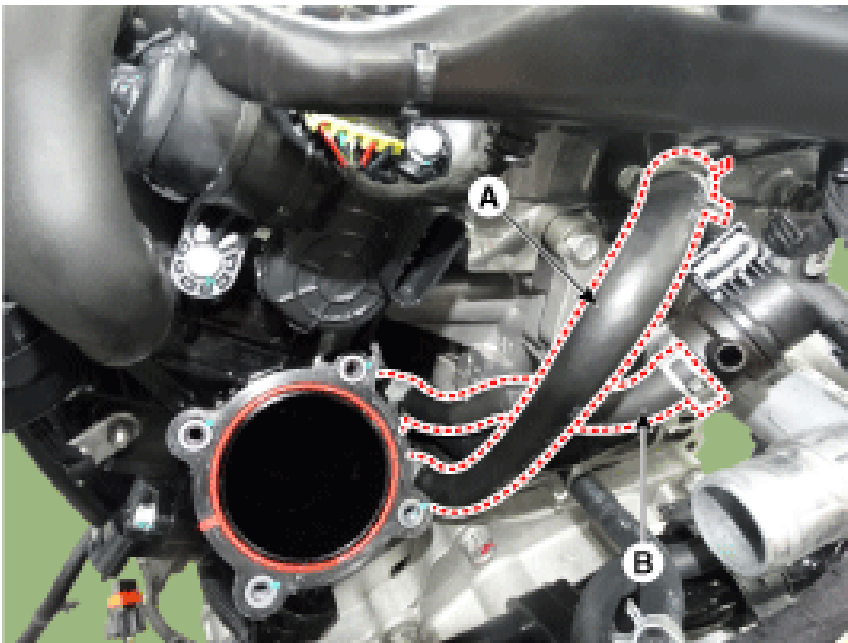
- Removal and Installation
- Remove the engine cover . (Refer to Engine and Transaxle Assembly - "Engine Cover")
- Disconnect the battery negative terminal.
- Remove the air duct and air cleaner assembly . (Refer to Intake and Exhasut System - "Air Cleaner")
- Remove the engine room under cover . (Refer to Engine and Transaxle Assembly - "Engine Room Under Cover")
- Disconnect the wiring connectors and harness clamps and remove the wiring protector around the intake manifold .



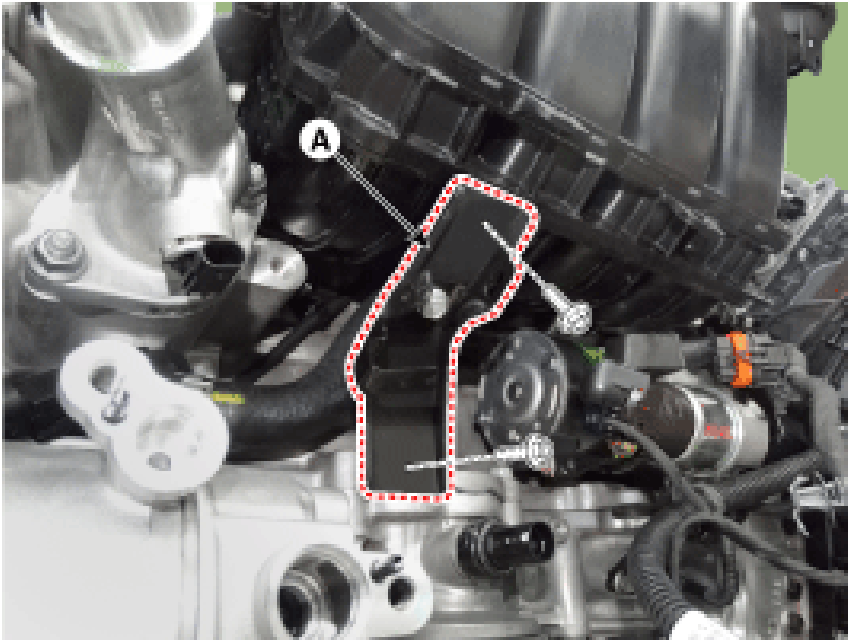
- Disconnect the positive crankcase ventilation (PCV) hose (A).



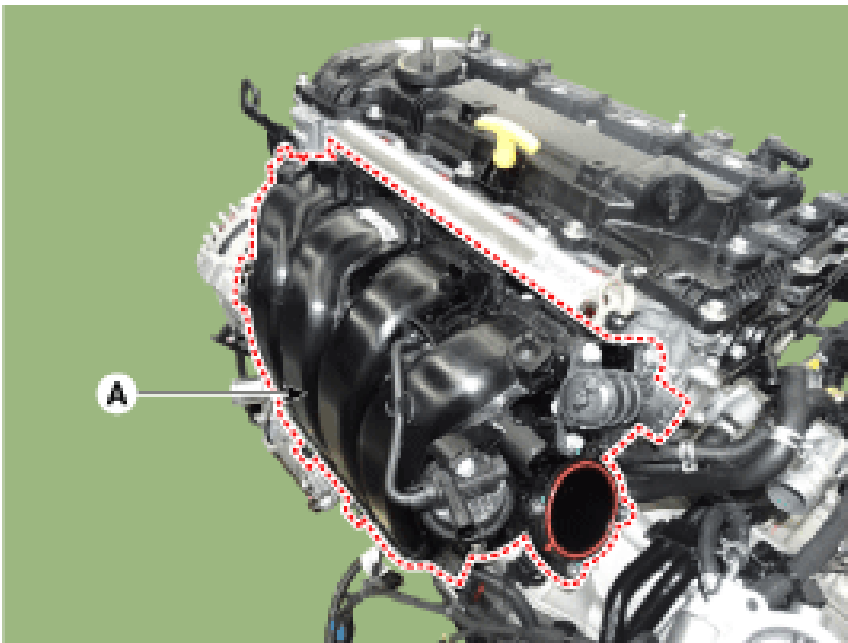
- Unfasten the electric throttle body control (ETC) module bolts. (Refer to Engine Control/Fuel System - "ETC (Electric throttle body control) System")
- Disconnect the vacuum hose (A) and purge control solenoid valve (PCSV) hose (B).



- Remove the intake manifold stay (A). Tightening torque : 18.6 - 23.5 N.m (1.9 - 2.4 kgf.m, 13.7 - 17.4 lb-ft)



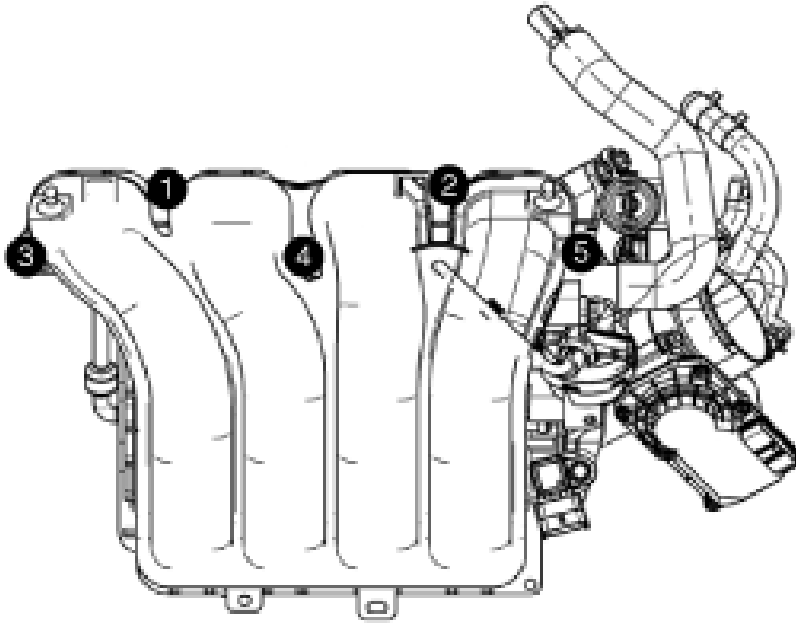
- Remove the intake manifold (A) with the gasket. Tightening torque : 18.6 - 23.5 N.m (1.9 - 2.4 kgf.m, 13.7 - 17.4 lb-ft) When installing the intake manifold, tighten the bolts and nuts with pre-torque first, and then tighten the bolts and nuts with specified torque in the sequence shown.



When installing the intake manifold, tighten the bolts and nuts with pre-torque first, and then tighten the bolts and nuts with specified torque in the sequence shown.

NOTICE

- When installing the intake manifold, tighten the bolts and nuts with pre-torque first, and then tighten the bolts and nuts with specified torque in the sequence shown.



- Install in the reverse order of removal.