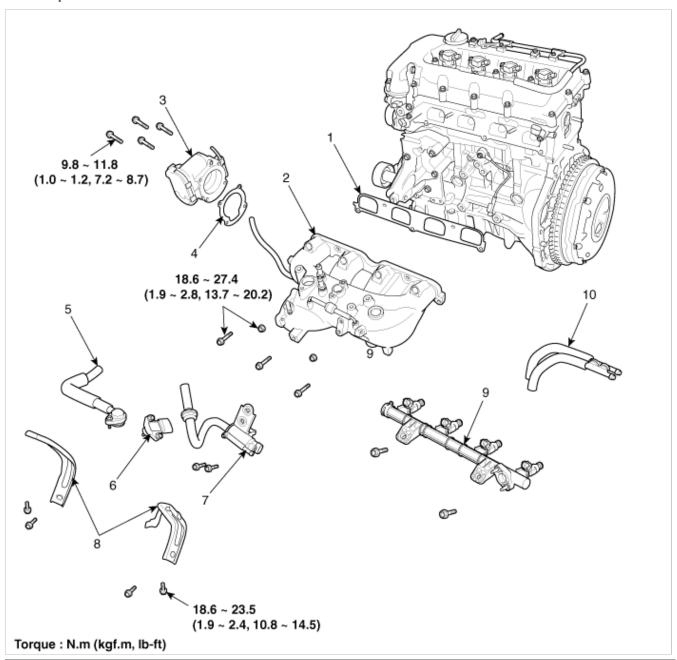
GENESIS COUPE(BK) >2010 > G 2.0 DOHC > Engine Mechanical System > Intake And Exhaust System > Intake Manifold > Components and Components Location



I. IIIIake IIIaiiiioiu yaskt	1	Intake man	ifold	gaske
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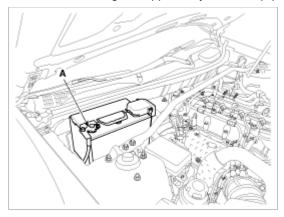
- 2. Intake manifold assembly
- 3. Electronic throttle body
- 4. Throttle body gasket
- 5. PCV hose assembly
- 6. MAP sensor
- 7. PCSV

- 8. Intake manifold stay
- 9. Delivery pipe
- 10. Vaccum hose

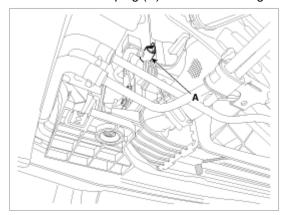
GENESIS COUPE(BK) >2010 > G 2.0 DOHC > Engine Mechanical System > Intake And Exhaust System > Intake Manifold > Repair procedures

Removal

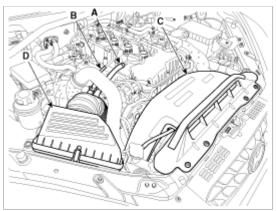
1. Disconnect the negative (-) battery terminal (A).



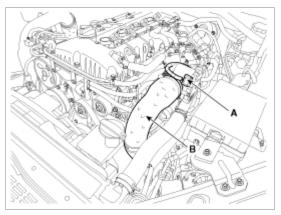
2. Remove the drain plug (A) and drain the engine coolant.



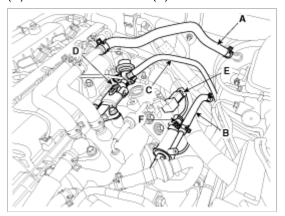
3. Remove the air duct (C).



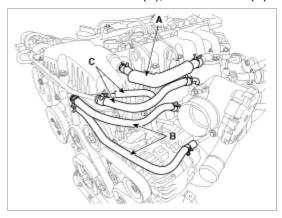
4. Remove the ETC connector (A) and intercooler outlet hose (B).



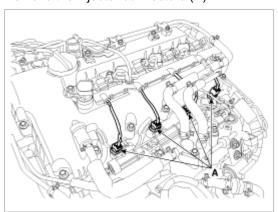
5. Disconnect the vacuum hose (A), PCSV hose (B), fuel hose (C), MAP sensor connector (D), condenser connector (E) and PCSV connector (F).



6. Remove the PCV hose (A), coolant hoses (B) and vacuum hoses (C).



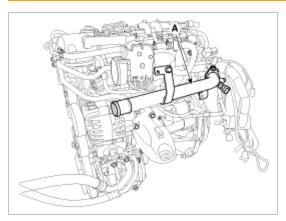
7. Remove the injector connectors (A).



8. Remove the water outlet pipe (A).

Tightening torque:

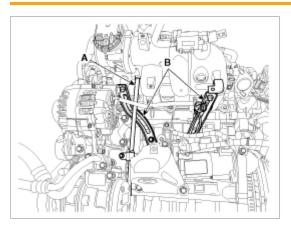
18.6~ 23.5N.m (1.9 ~ 2.4kgf.m, 13.7 ~ 17.4lb-ft)



9. Remove the oil level gauge (A) and intake manifold stay (B) bolt.

Tightening torque:

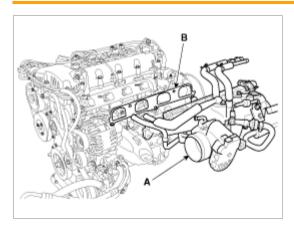
A: 7.8~ 11.8N.m (0.8 ~ 1.2kgf.m, 5.8 ~ 8.7lb-ft) B: 18.6~ 22.5N.m (1.9 ~ 2.3kgf.m, 13.7 ~ 16.6lb-ft)



10. Remove the intake manifold (A) and gasket (B).

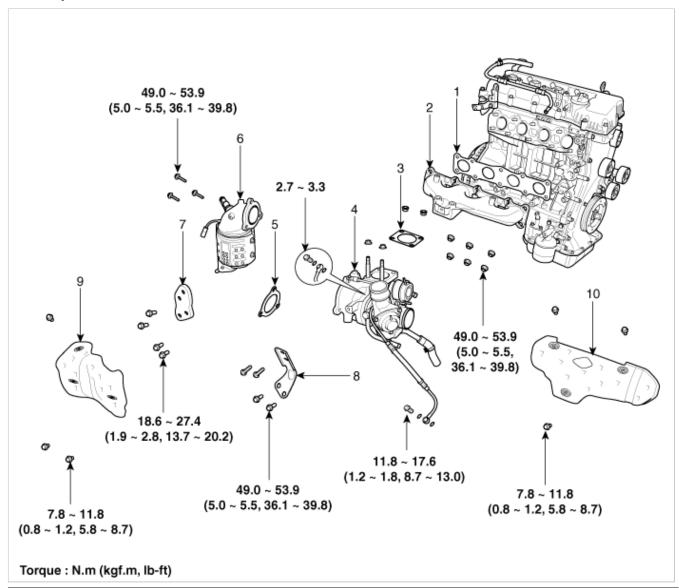
Tightening torque:

18.6~ 27.4N.m (1.9 ~ 2.8kgf.m, 13.7 ~ 20.2lb-ft)



11. Installation is the reverse of removal.

GENESIS COUPE(BK) >2010 > G 2.0 DOHC > Engine Mechanical System > Intake And Exhaust System > Exhaust Manifold > Components and Components bcation



- 1. Exhaust manifold gasket
- 2. Exhaust manifold
- 3. Turobcharger gasket
- 4. Turobcharger assembly
- 5. WCC gasket
- 6. Warm-up catalytic converter (WCC)
- 7. Turbocharger stay
- 8. Turobcharger heat protector
- 9. Exhaust manifold heat protector

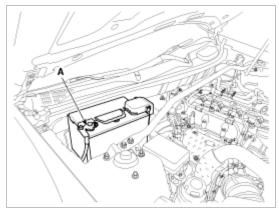
GENESIS COUPE(BK) >2010 > G 2.0 DOHC > Engine Mechanical System > Intake And Exhaust System > Exhaust Manifold > Repair procedures

Removal

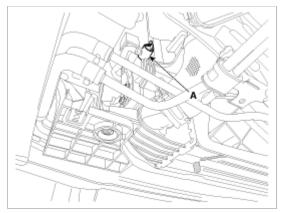
CAUTION

Check that engine is cool enough to work.

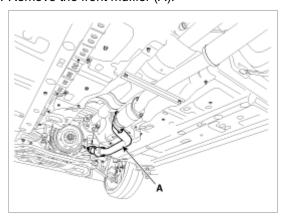
1. Disconnect the negative (-) battery terminal (A).



2. Remove the drain plug (A) and drain the engine coolant.



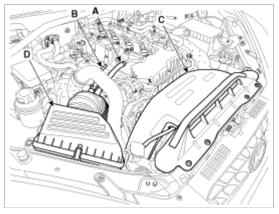
3. Remove the front muffler (A).



4. Disconnect the breather hose (A), vacuum hose (B). And remove the air duct (C) and air cleaner assembly (D).

Tightening torque:

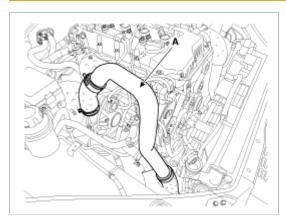
Bolt : 7.8 ~ 9.8N.m (0.8 ~ 1.0kgf.m, 5.8 ~ 7.2lb-ft) Clamp : 2.9~ 4.9N.m (0.3 ~ 0.5kgf.m, 2.1 ~ 3.6lb-ft)



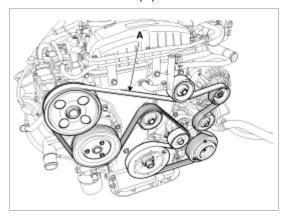
5. Disconnect the intercooler inlet hose (A).

Tightening torque:

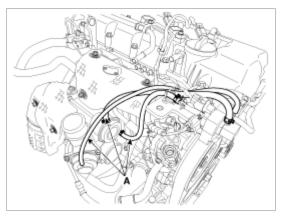
Bolt : 14.7 ~ 19.6N.m (1.5 ~ 2.0kgf.m, 10.8 ~ 14.4lb-ft) Clamp : 4.9~ 6.8N.m (0.5 ~ 0.7kgf.m, 3.6 ~ 5.0lb-ft)



6. Remove the drive belt (A).



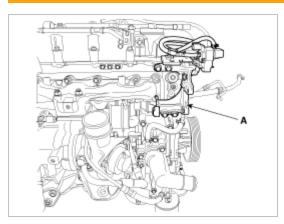
7. Remove the turbo control hoses (A).



- 8. Remove the power steering pump. (Refer to steering group)
- 9. Remove the steering pump bracket (A).

Tightening torque:

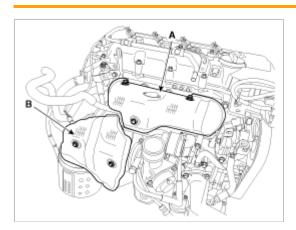
19.6~ 23.5N.m (2.0 ~ 2.4kgf.m, 13.4 ~ 17.4lb-ft)



10. Remove the exhaust manifold heat protector (A) and turbocharger heat protector (B).

Tightening torque:

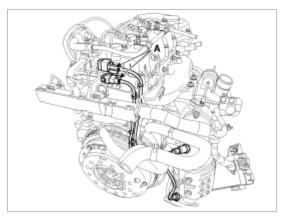
7.8~ 11.8N.m (0.8 ~ 1.2kgf.m, 5.8 ~ 8.7lb-ft)



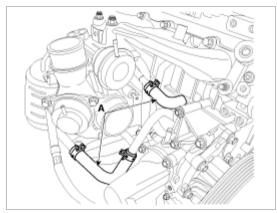
CAUTION

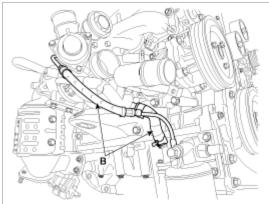
Check that engine is cool enough to work.

11. Remove the oxygen sensor connectors (A).



12. Remove the coolant hoses (A) and oil hoses (B) from turbocharger.



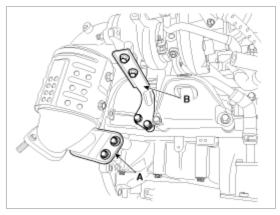


13. Remove the turbocharger stay bolt (A) and WCC stay bolt (B).

Tightening torque:

A: 49.0 ~ 53.9N.m (5.0 ~ 5.5kgf.m, 36.1 ~ 39.8lb-ft)

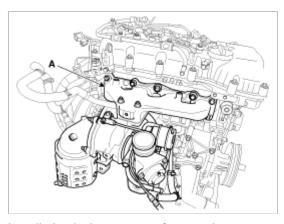
B: 8.6~ 27.4N.m (1.9 ~ 2.8kgf.m, 13.7 ~ 20.2lb-ft)



14. Remove the exhaust manifold & turbocharger assembly (A) and gasket.

Tightening torque:

49.0 ~ 53.9N.m (5.0 ~ 5.5kgf.m, 36.1 ~ 39.8lb-ft)

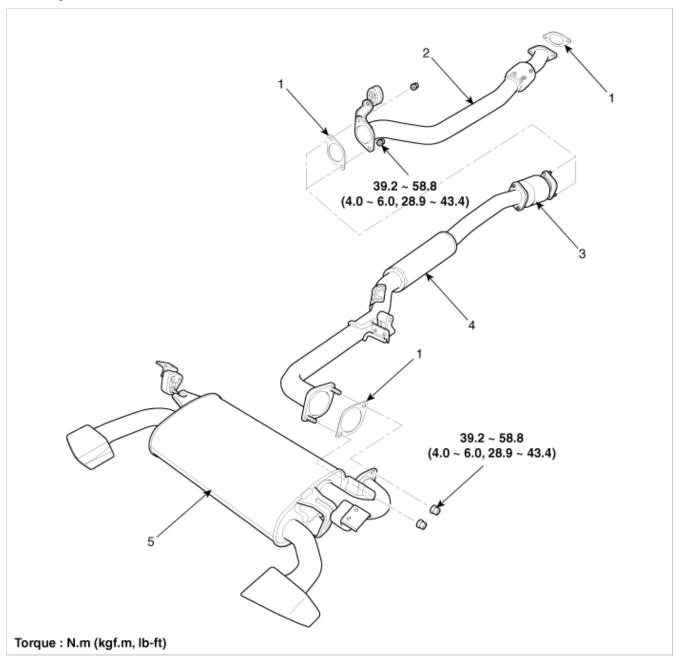


15. Installation is the reverse of removal.

NOTE

- Always use the new turbocharger, exhaust manifold and WCC gaskets when replacing.
- Always use a new turbocharger nuts and, exhaust manifold nuts when it is removed.
- Check that turbo control hose is installed in the right position to avoid interference with another parts (Heat protector, air hose etc.).
- Take care whether the turbocharger coolant hose is interfered with heat protector and exhaust manifold.

GENESIS COUPE(BK) >2010 > G 2.0 DOHC > Engine Mechanical System > Intake And Exhaust System > Mufer > Compone nts and Components Location





- 2. Front muffler
- 3. Catalytic converter

- 4. Center muffler
- 5. Main muffler

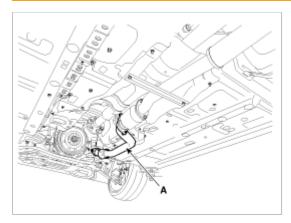
GENESIS COUPE(BK) >2010 > G 2.0 DOHC > Engine Mechanical System > Intake And Exhaust System > Muffler > Repair procedures

Removal

1. Remove the front muffler (A).

Tightening torque:

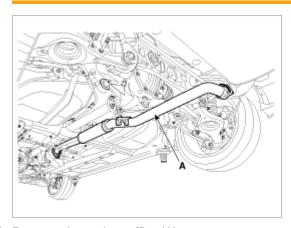
39.2~ 58.8N.m (4.0 ~ 6.0kgf.m, 28.9 ~ 43.4lb-ft)



2. Remove the center muffler (A).

Tightening torque:

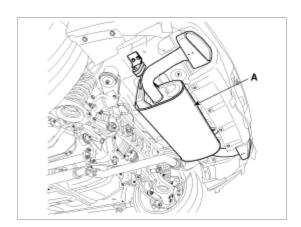
39.2~ 58.8N.m (4.0 ~ 6.0kgf.m, 28.9 ~ 43.4lb-ft)



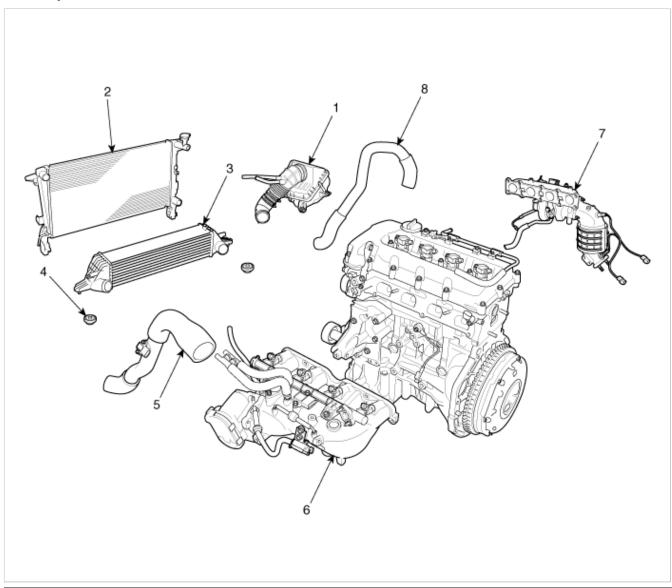
3. Remove the main muffler (A).

Tightening torque:

39.2~ 58.8N.m (4.0 ~ 6.0kgf.m, 28.9 ~ 43.4lb-ft)



GENESIS COUPE(BK) >2010 > G 2.0 DOHC > Engine Mechanical System > Intake And Exhaust System > Intercooler > Components and Components Location



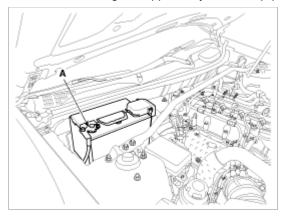
- 1. Air cleaner assembly
- 2. Radiator
- 3. Intercooler
- 4. Munting insulator

- 5. Intercooler outlet hose
- 6. Intake manifold
- 7. Eaust manifold
- 8. Intercooler inlet hose

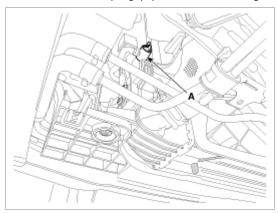
GENESIS COUPE(BK) >2010 > G 2.0 DOHC > Engine Mechanical System > Intake And Exhaust System > Intercooler > Repair procedures

Removal

1. Disconnect the negative (-) battery terminal (A).



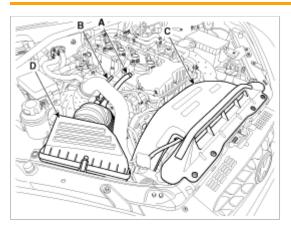
2. Remove the drain plug (A) and drain the engine coolant.



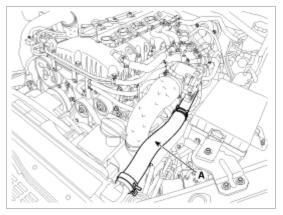
3. Disconnect the breather hose (A) and vacuum hose (B). And remove the air duct (C) and air cleaner assembly (D).

Tightening torque:

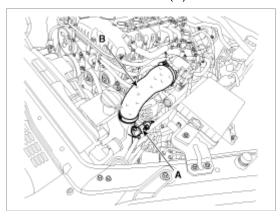
Bolt : 7.8 ~ 9.8N.m (0.8 ~ 1.0kgf.m, 5.8 ~ 7.2lb-ft) Clamp : 2.9~ 4.9N.m (0.3 ~ 0.5kgf.m, 2.1 ~ 3.6lb-ft)



4. Remove the radiator upper hose (A).



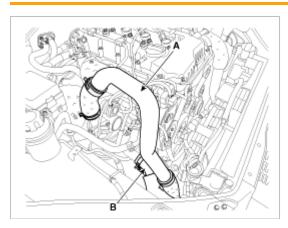
5. Remove the BPS connector (A) and intercooler outlet hose (B).



6. Disconnect the intercooler inlet hose (A) and radiator lower hose (B).

Tightening torque:

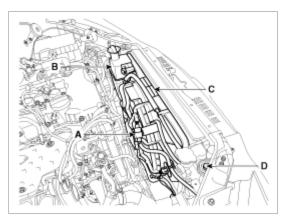
Bolt : 14.7 ~ 19.6N.m (1.5 ~ 2.0kgf.m, 10.8 ~ 14.4lb-ft) Clamp : 4.9~ 6.8N.m (0.5 ~ 0.7kgf.m, 3.6 ~ 5.0lb-ft)



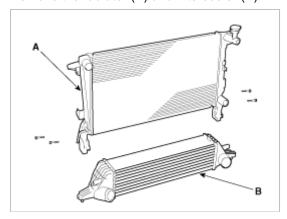
- 7. Remove the radiator assembly.
 - (1) Remove the cooling fan connector(A).
 - (2) Remove the reservoir tank(B).
 - (3) Remove the fan assembly(C).
 - (4) Remove the radiator after removing the radiator upper mounting bracket(D).

Tightening torque:

7.8 ~ 13.7N.m (0.9 ~ 1.4kgf.m, 5.8 ~ 10.1lb-ft)



8. Remove the radiator (A) and intercooler (B).



9. Installation is the reverse of removal.