

## Removal and Installation

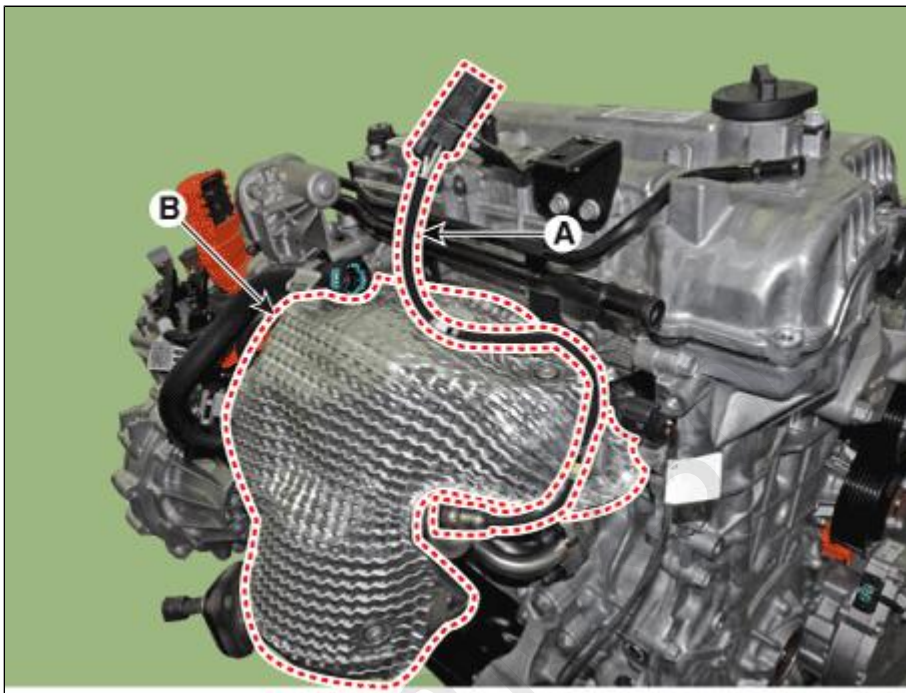
1. Disconnect the battery positive terminal.
2. Remove the air cleaner assembly.  
(Refer to Intake and Exhaust System - "Air Cleaner")
3. Remove the engine room under cover.  
(Refer to Engine and Transaxle Assembly - "Engine Room Under Cover")
4. Remove the front muffler.  
(Refer to Intake and Exhaust System - "Muffler")
5. Remove the engine mounting support bracket.  
(Refer to Engine and Transaxle Assembly - "Engine Mounting")
6. Disconnect the oxygen sensor connector (A) from the connector bracket and then remove the heat protector (B).

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### Tightening torque :

9.8 - 11.8N.m (1.0 - 1.2kgf.m, 7.2 - 8.7lb-ft)

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7. Remove the exhaust manifold stay (A).

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### Tightening torque :

39.2 - 49.0 N.m (4.0 - 5.0 kgf.m, 28.9 - 36.2 lb-ft)

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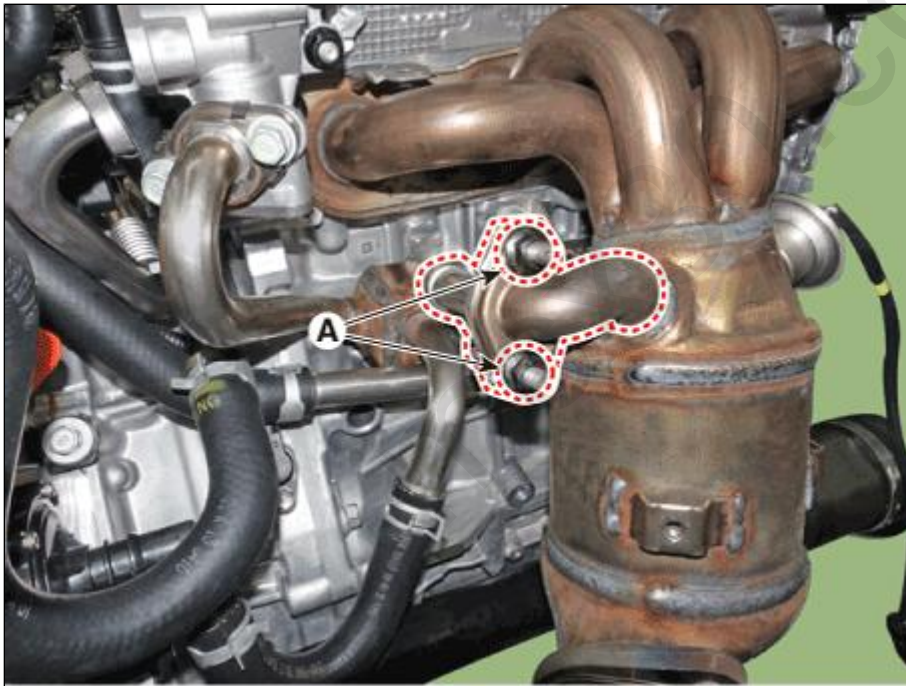
8. Remove the EGR cooler pipe A nuts (A).

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**Tightening torque :**

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

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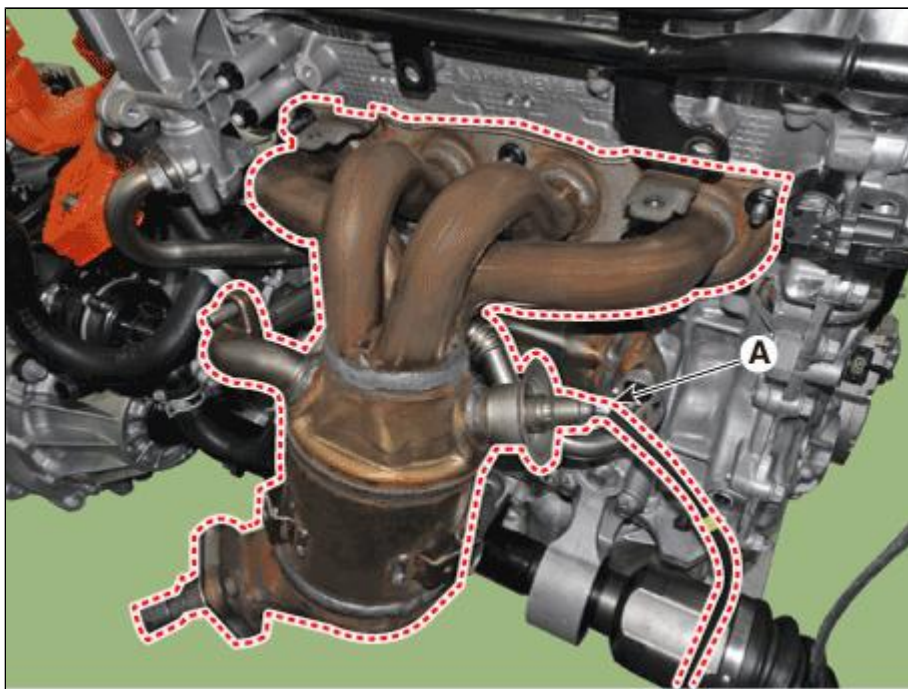
9. Remove the exhaust manifold (A).

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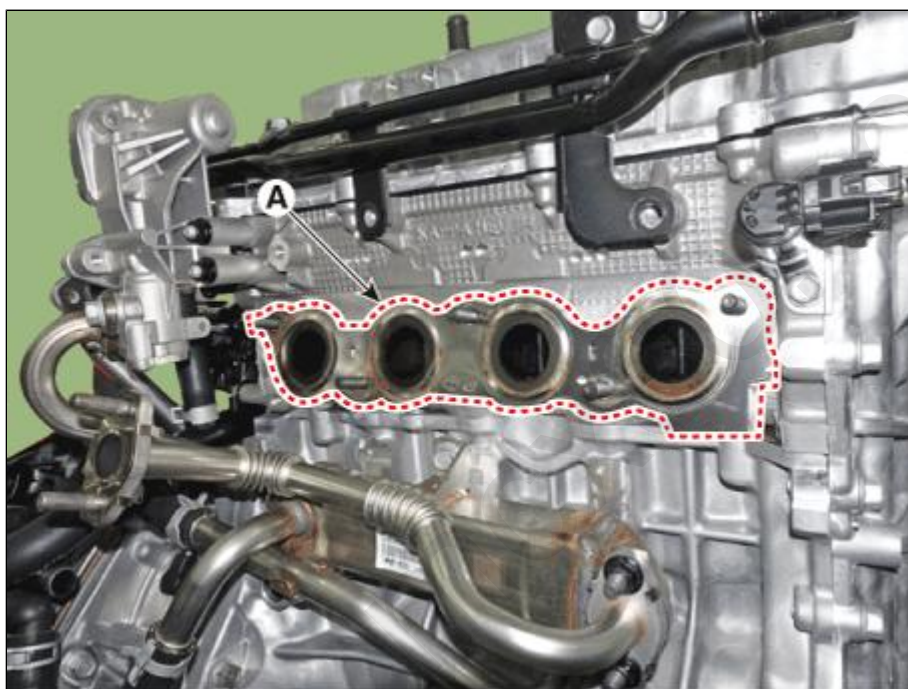
**Tightening torque :**

35.3 - 42.2 N.m (3.6 - 4.3 kgf.m, 7.94 - 9.48 lb-ft)

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10. Remove the exhaust manifold gasket (A).

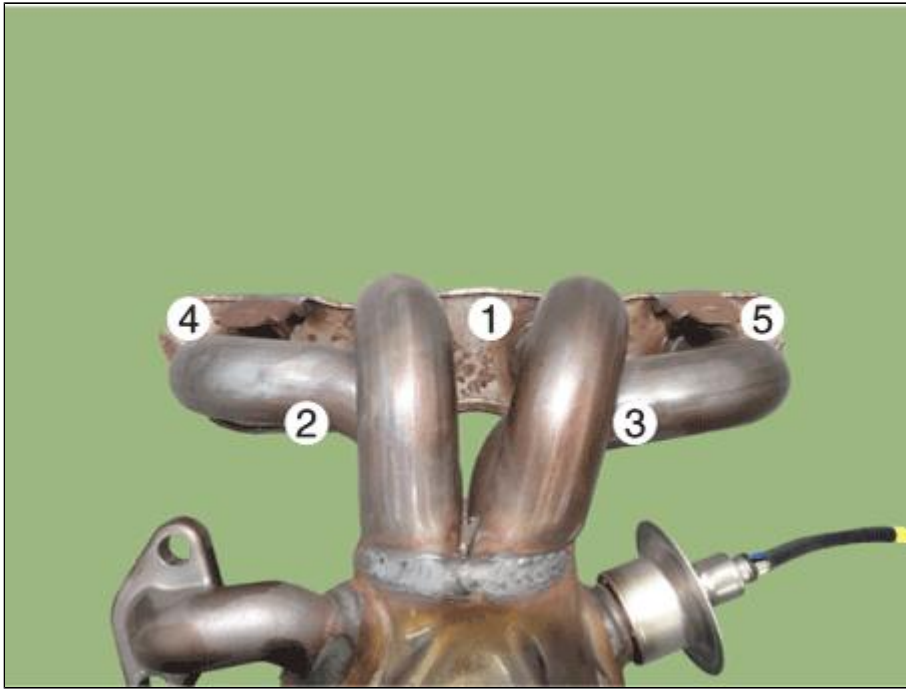


#### NOTICE

â When installing, replace with new gaskets.  
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#### NOTICE

â When installing the exhaust manifold, tighten the nuts with pre-torque first, and then tighten the nuts ç with pecified torque in the sequence shown.



11. Install in the reverse order of removal.

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