

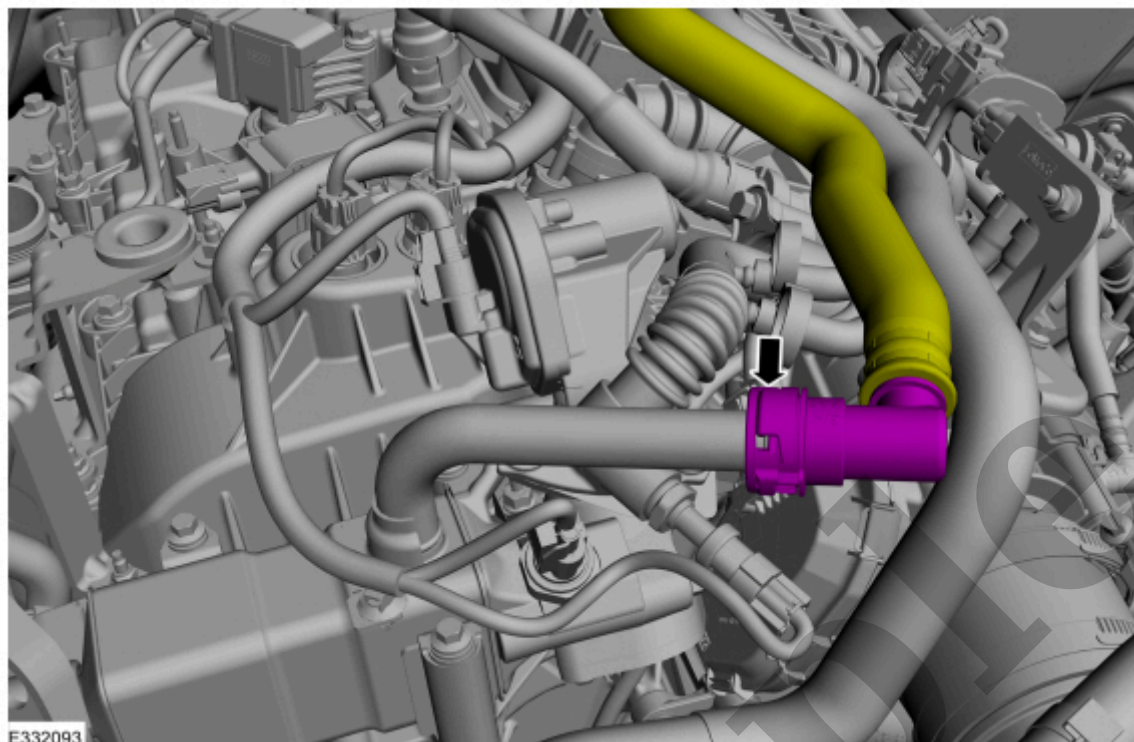
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2021 Ford Expedition Service and Repair Manual

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Refer to: [Quick Release Coupling](#)(310-00C Fuel System - General Information - 3.5L EcoBoost (BM), General Procedures).



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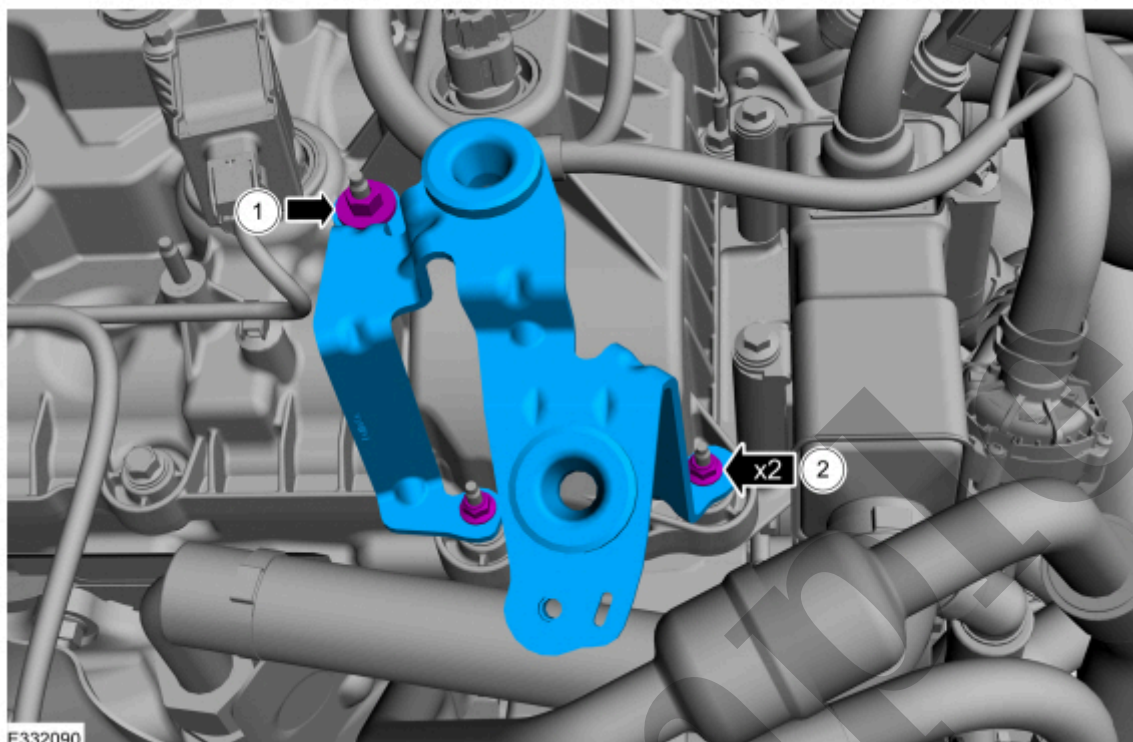
12. Connect the lower coolant hose to the EGR (exhaust gas recirculation) cooler assembly.

Refer to: [Quick Release Coupling](#)(310-00C Fuel System - General Information - 3.5L EcoBoost (BM), General Procedures).

Torque :

1: 71 lb.in (8 Nm)

2: 53 lb.in (6 Nm)



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15. Position the A/C (air conditioning) compressor outlet line bracket and install the A/C (air conditioning) compressor outline bracket retainer.

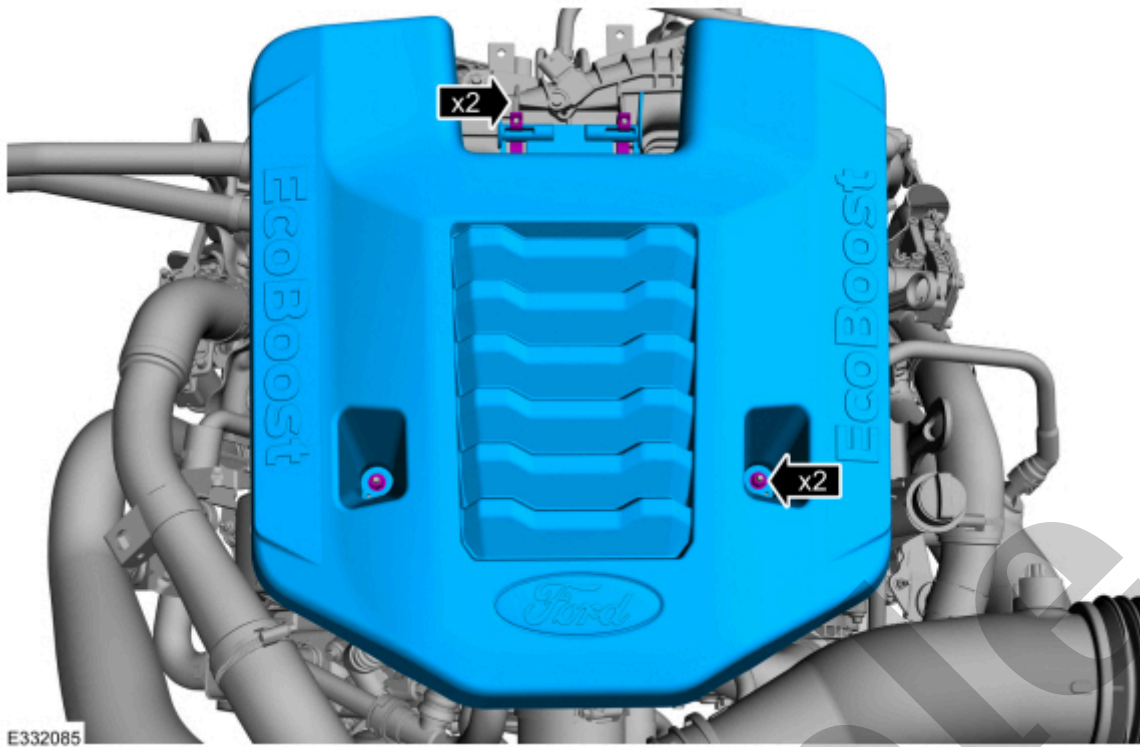
Torque : 106 lb.in (12 Nm)



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2. Remove the RH (right-hand) side air cleaner outlet pipe.

Refer to: [Air Cleaner Outlet Pipe RH](#)(303-12C Intake Air Distribution and Filtering - 3.5L EcoBoost (BM), Removal and Installation).

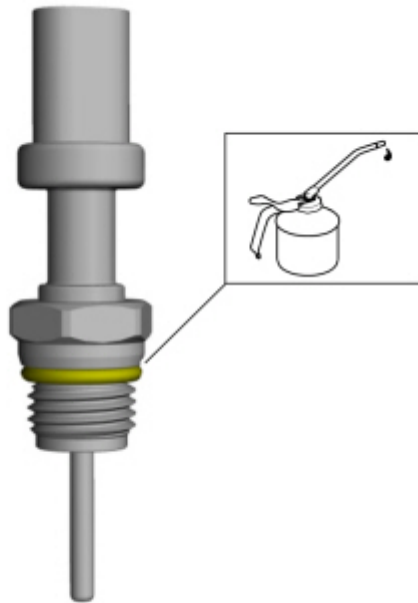
3. Remove the RH (right-hand) side CAC (charge air cooler) intake pipe.

Refer to: [Charge Air Cooler \(CAC\) Intake Pipe](#)(303-12C Intake Air Distribution and Filtering - 3.5L EcoBoost (BM), Removal and Installation).

4. Disconnect the EGR (exhaust gas recirculation) temperature sensor electrical connector.

Installation

1. Lubricate the o-ring seal with clean engine oil. Replace the o-ring if necessary.



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2. To install, reverse the removal procedure.

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Refer to: [Air Cleaner Outlet Pipe RH](#)(303-12C Intake Air Distribution and Filtering - 3.5L EcoBoost (BM), Removal and Installation).

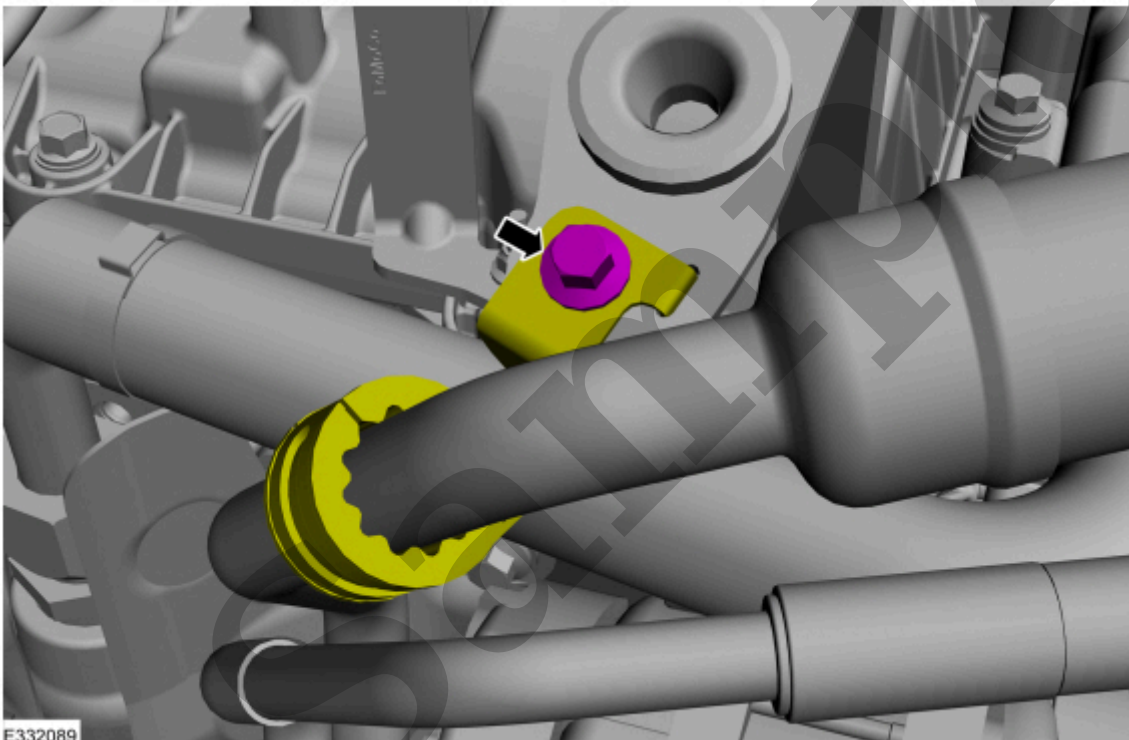
3. Remove the RH (right-hand) side CAC (charge air cooler) intake pipe.

Refer to: [Charge Air Cooler \(CAC\) Intake Pipe](#)(303-12C Intake Air Distribution and Filtering - 3.5L EcoBoost (BM), Removal and Installation).

4. Drain the cooling system.

Refer to: [Engine Cooling System Draining, Vacuum Filling and Bleeding](#)(303-03C Engine Cooling - 3.5L EcoBoost (BM), General Procedures).

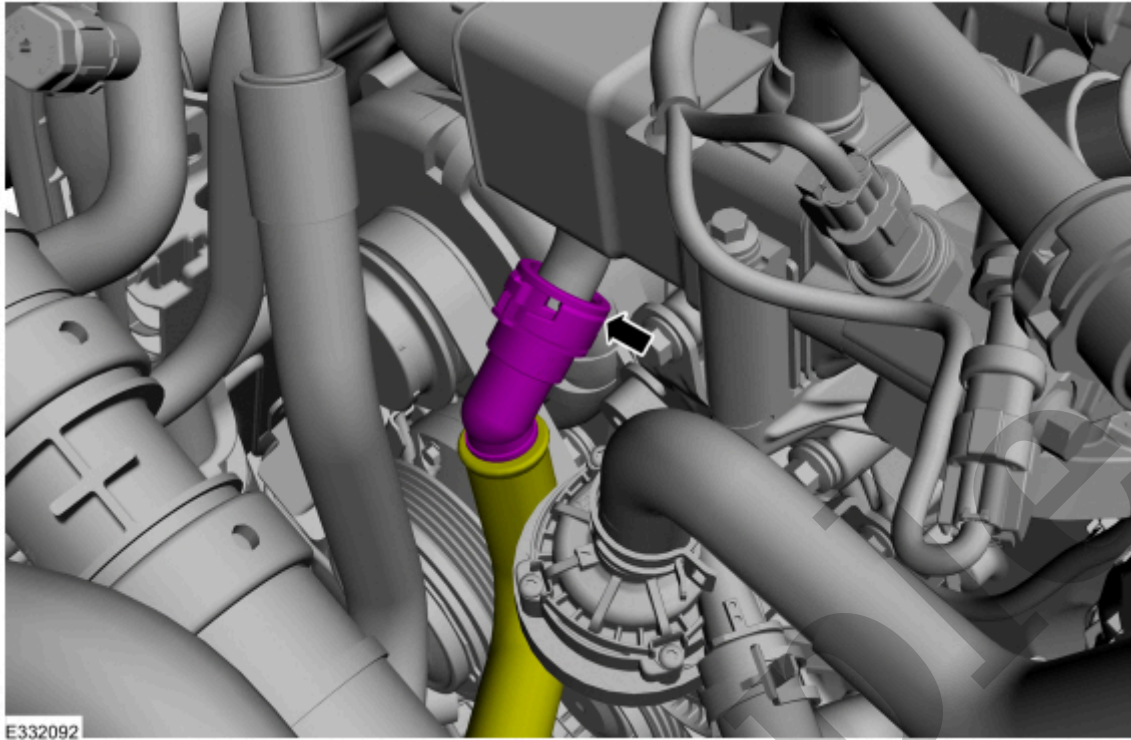
5. Remove the A/C (air conditioning) compressor outlet line bracket retainer and position aside the A/C (air conditioning) compressor outline bracket.



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6. Remove the CAC (charge air cooler) tube bracket retainers and remove the CAC (charge air cooler) tube bracket.

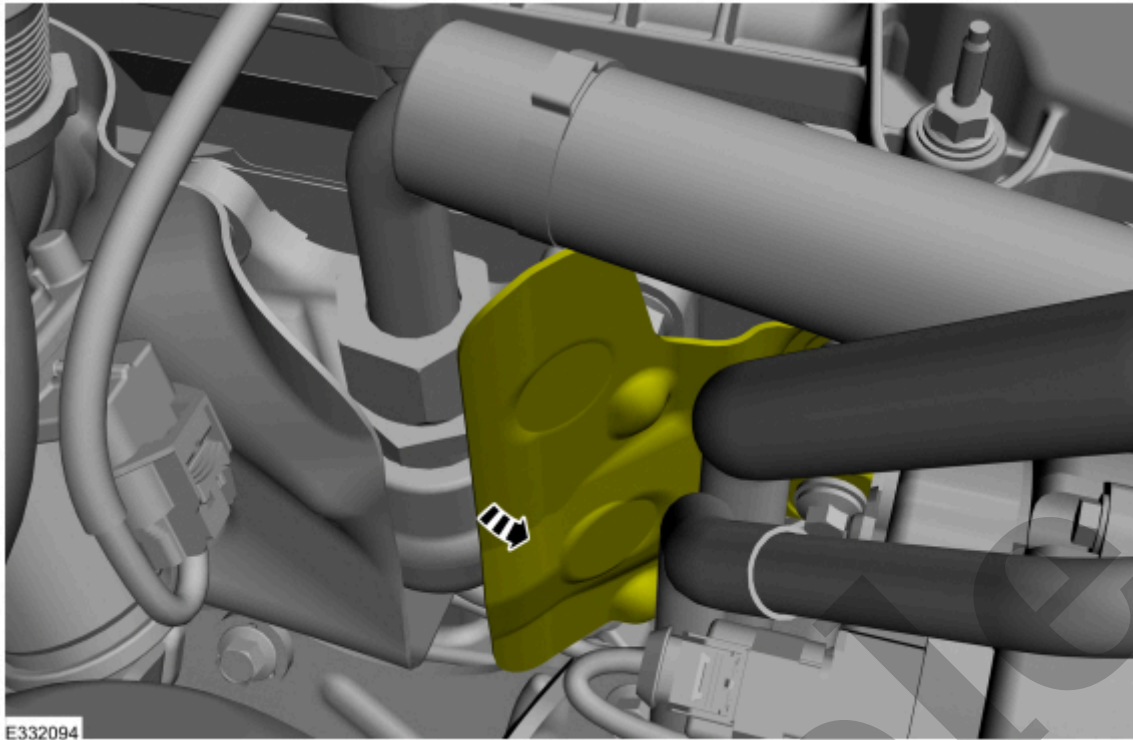
Refer to: [Quick Release Coupling](#)(310-00C Fuel System - General Information - 3.5L EcoBoost (BM), General Procedures).



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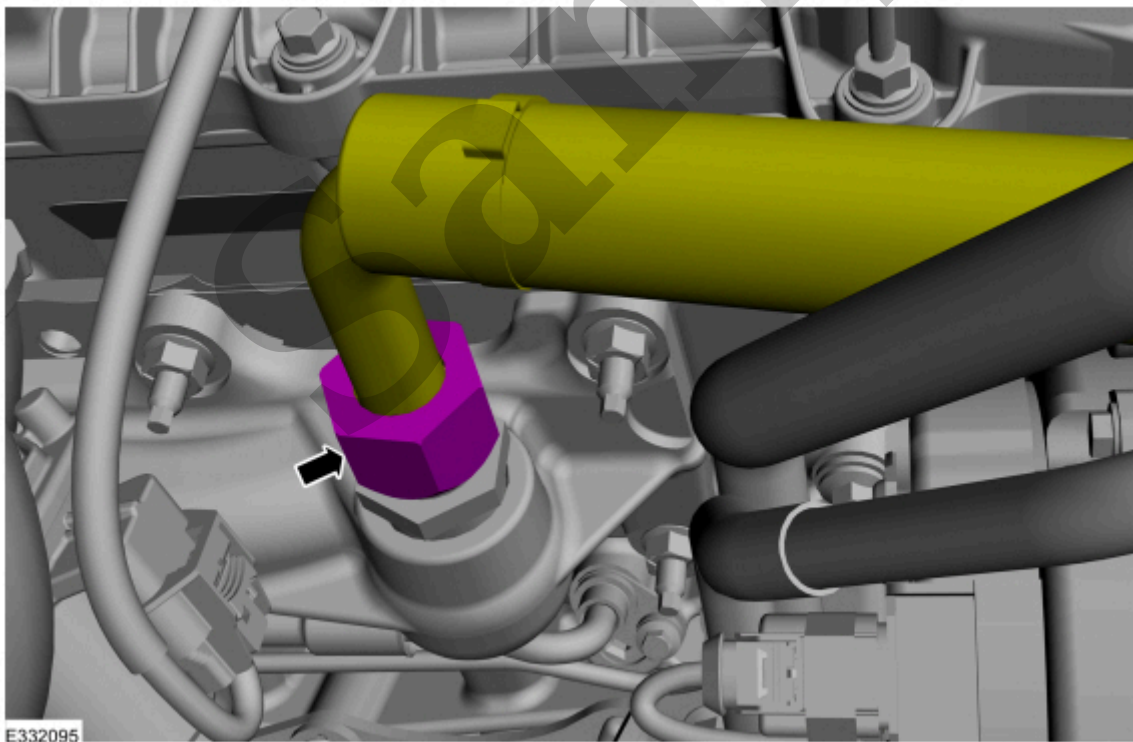
9. Disconnect the upper coolant hose from the EGR (exhaust gas recirculation) cooler assembly.

Refer to: [Quick Release Coupling](#)(310-00C Fuel System - General Information - 3.5L EcoBoost (BM), General Procedures).



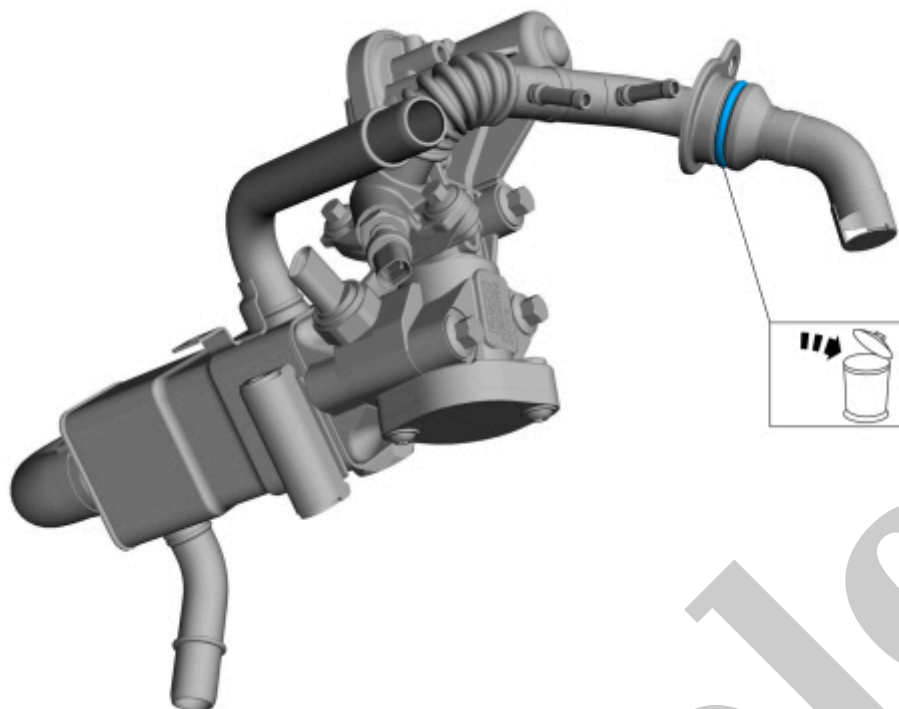
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12. Remove the EGR (exhaust gas recirculation) inlet tube nut.



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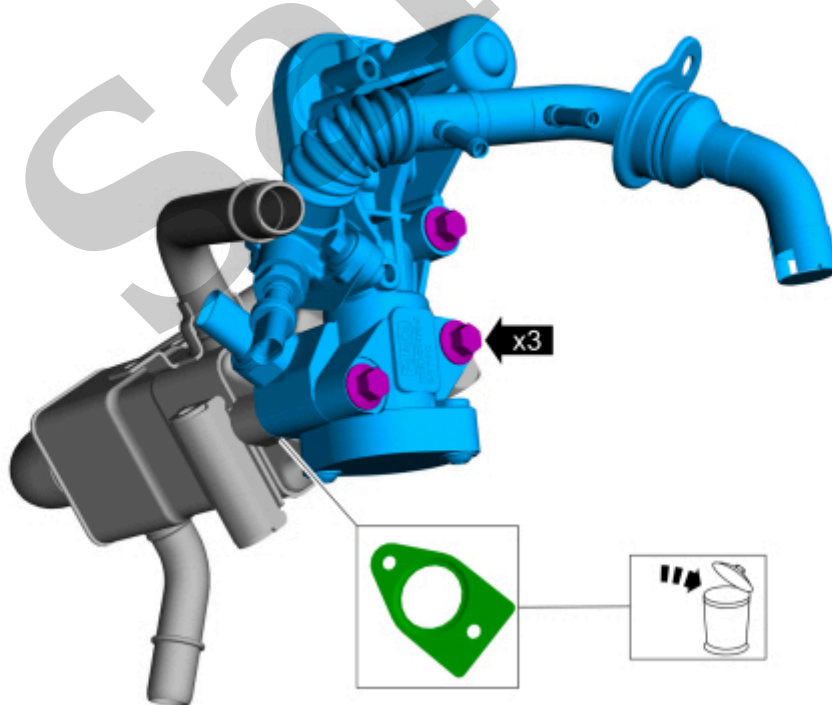
13. Remove the EGR (exhaust gas recirculation) assembly.



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16.
 - Remove the bolts and EGR (exhaust gas recirculation) valve assembly.
 - Remove and discard the EGR (exhaust gas recirculation) valve gasket.



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