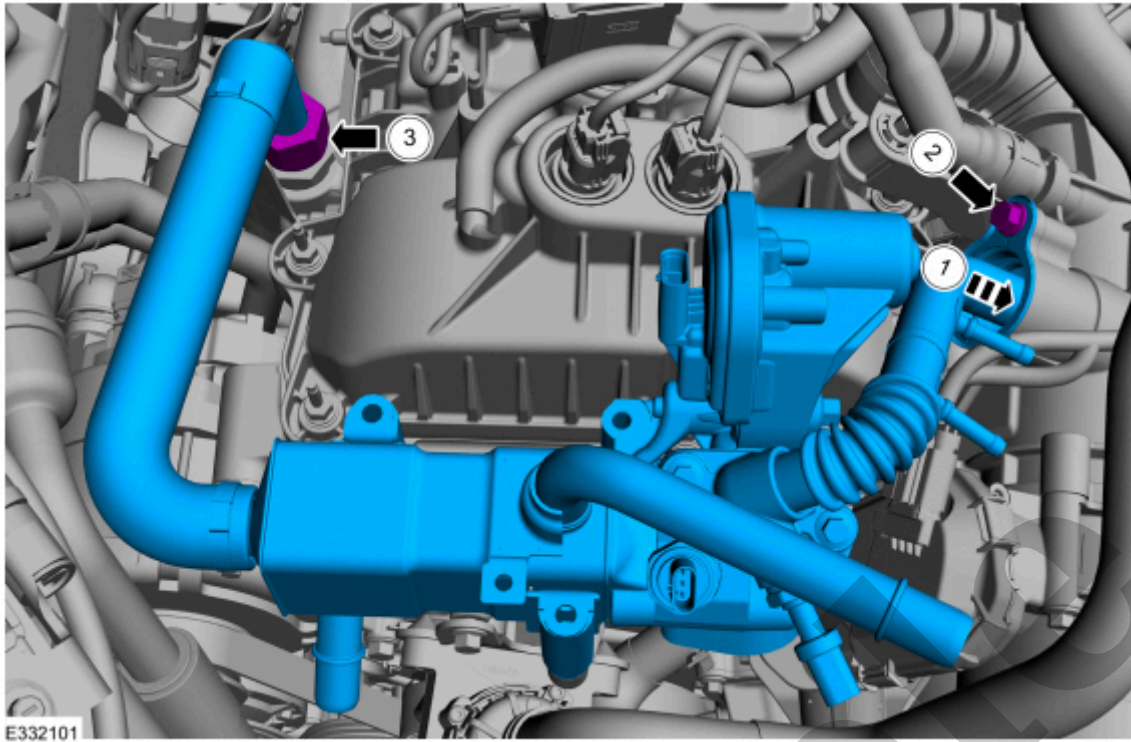


Your Ultimate Source for OEM Repair Manuals

FactoryManuals.net is a great resource for anyone who wants to save money on repairs by doing their own work. The manuals provide detailed instructions and diagrams that make it easy to understand how to fix a vehicle.

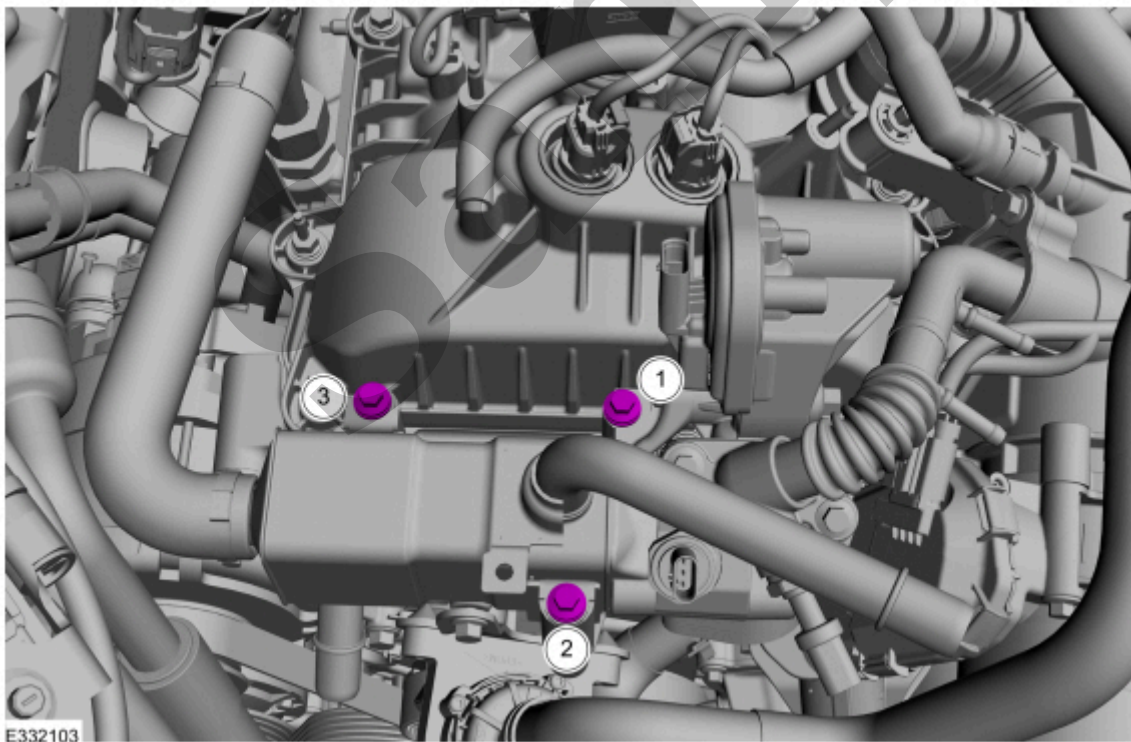
2021 Ford E-350 Super Duty Service and Repair Manual

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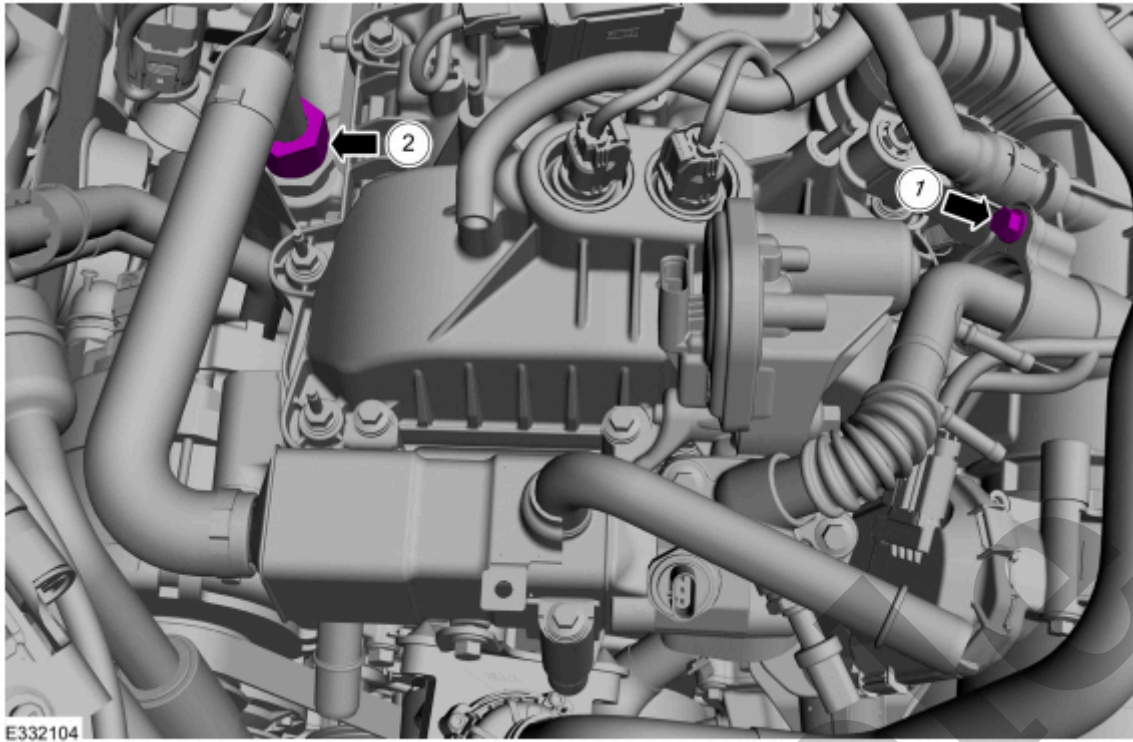
[Click here to learn about symbols, color coding, and icons used in this manual.](#)

5. Install the EGR (exhaust gas recirculation) cooler fasteners and hand tighten at this stage.



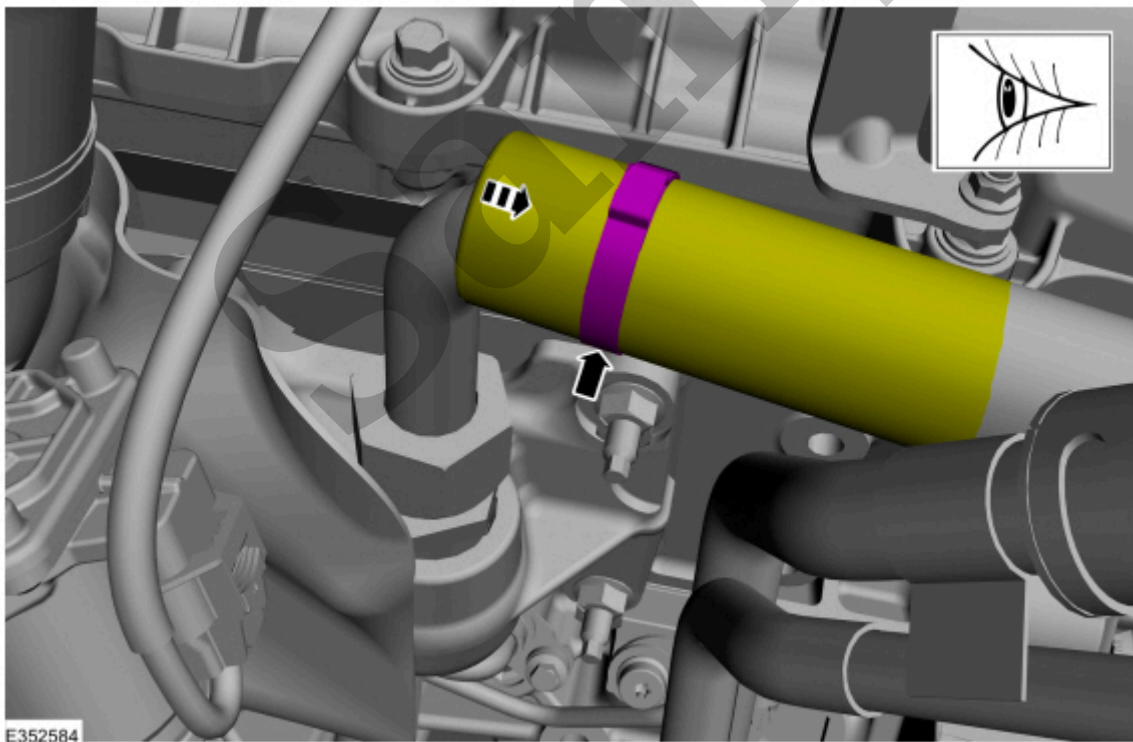
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6. Tighten the EGR (exhaust gas recirculation) cooler fasteners as per the sequence.



[Click here to learn about symbols, color coding, and icons used in this manual.](#)

8. Pull back heat sleeve to visually inspect hot tube for any twisting.



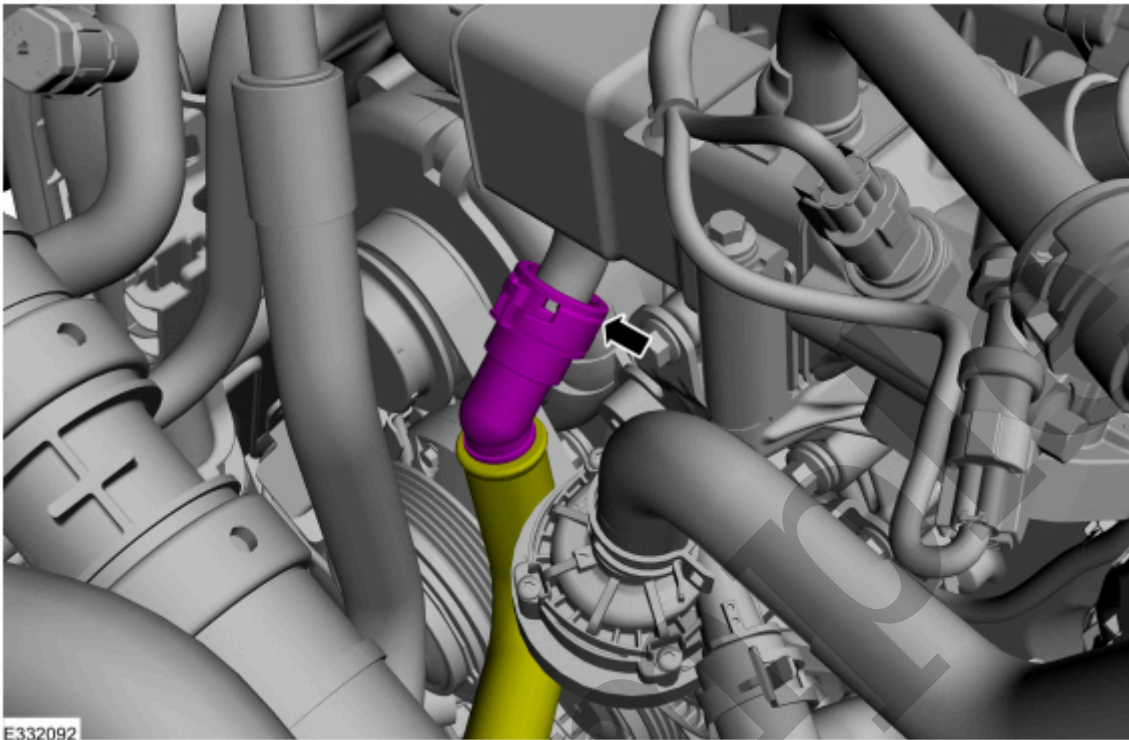
[Click here to learn about symbols, color coding, and icons used in this manual.](#)

9. Connect the differential pressure sensor hoses.

[Click here to learn about symbols, color coding, and icons used in this manual.](#)

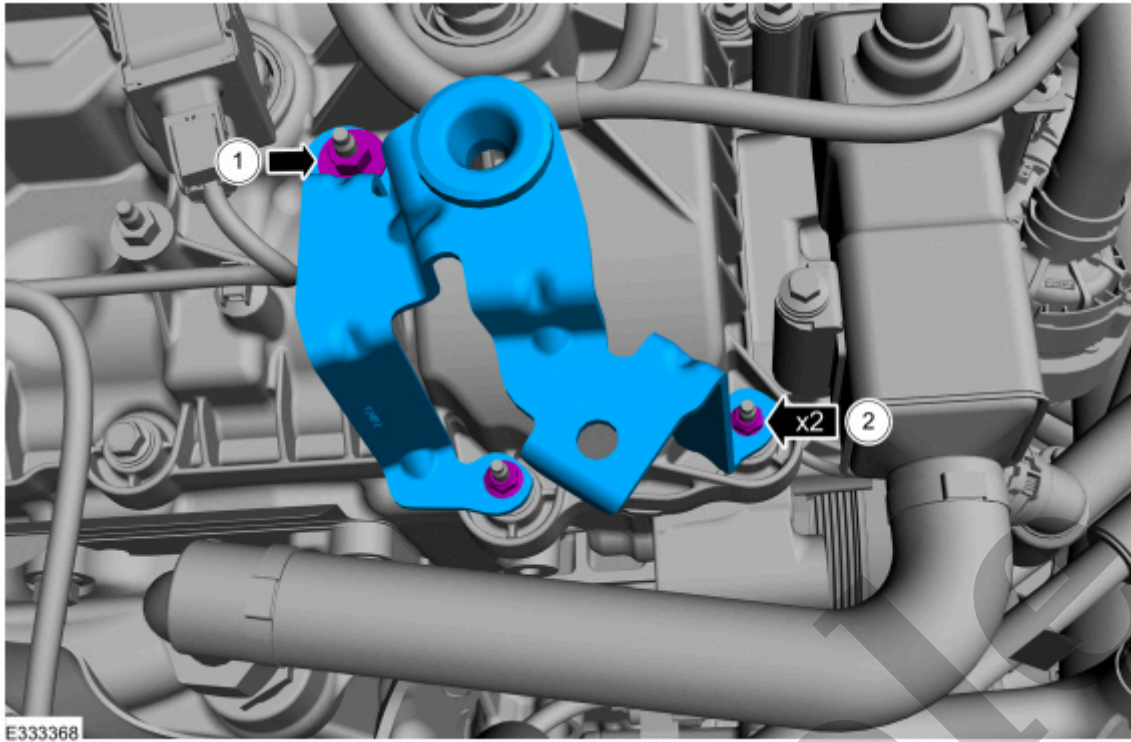
11. Connect the lower coolant hose to the EGR (exhaust gas recirculation) cooler assembly.

Refer to: [Quick Release Coupling](#)(310-00D Fuel System - General Information - 3.5L V6 PowerBoost (CN), General Procedures).



[Click here to learn about symbols, color coding, and icons used in this manual.](#)

12. Connect the electrical connectors and wiring harness retainer.



[Click here to learn about symbols, color coding, and icons used in this manual.](#)

14. Install the RH (right-hand) side CAC (charge air cooler) intake pipe.

Refer to: [Charge Air Cooler \(CAC\) Intake Pipe](#)(303-12D Intake Air Distribution and Filtering - 3.5L V6 PowerBoost (CN), Removal and Installation).

15. Install the RH (right-hand) side air cleaner outlet pipe.

Refer to: [Charge Air Cooler \(CAC\) Intake Pipe](#)(303-12D Intake Air Distribution and Filtering - 3.5L V6 PowerBoost (CN), Removal and Installation).

16. Slide the engine appearance cover into the retaining bracket and install the retainers.

Torque : 97 lb.in (11 Nm)



Exhaust Gas Recirculation (EGR) Temperature Sensor

| | |
|--|--|
| 303-08D Engine Emission Control - 3.5L V6 PowerBoost (CN) | 2022 F-150 |
| Removal and Installation | Procedure revision date: 09/23/2020 |

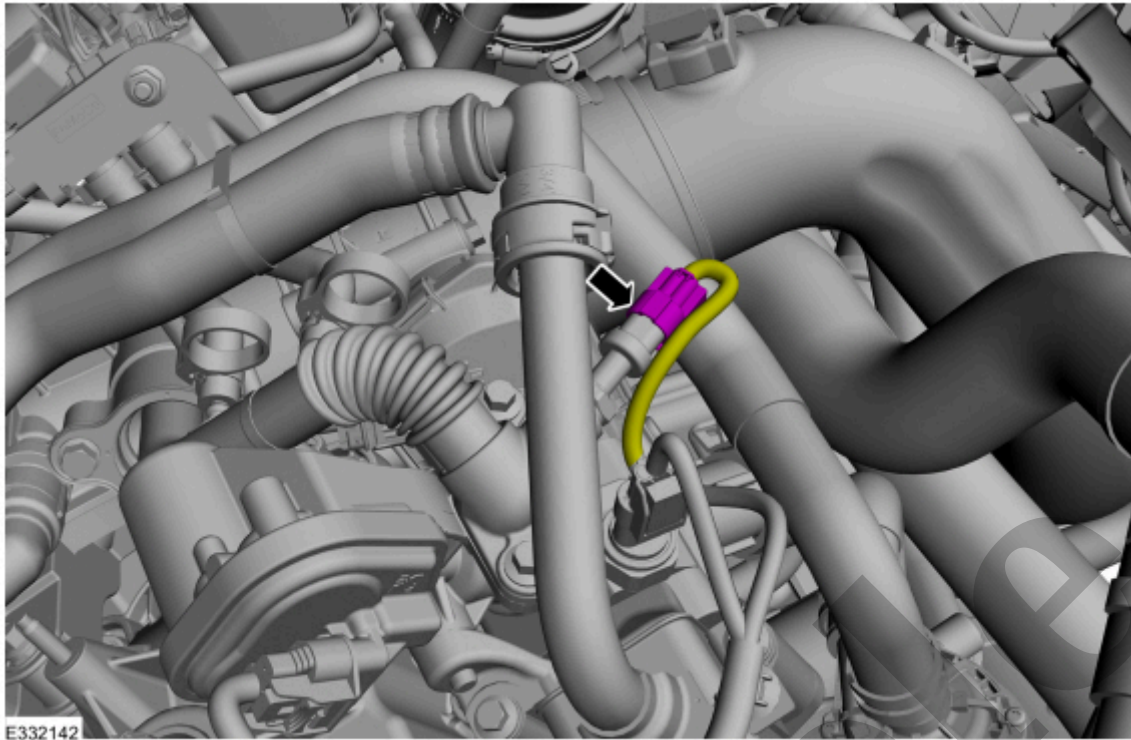
Exhaust Gas Recirculation (EGR) Temperature Sensor

Removal

NOTE

Removal steps in this procedure may contain installation details.

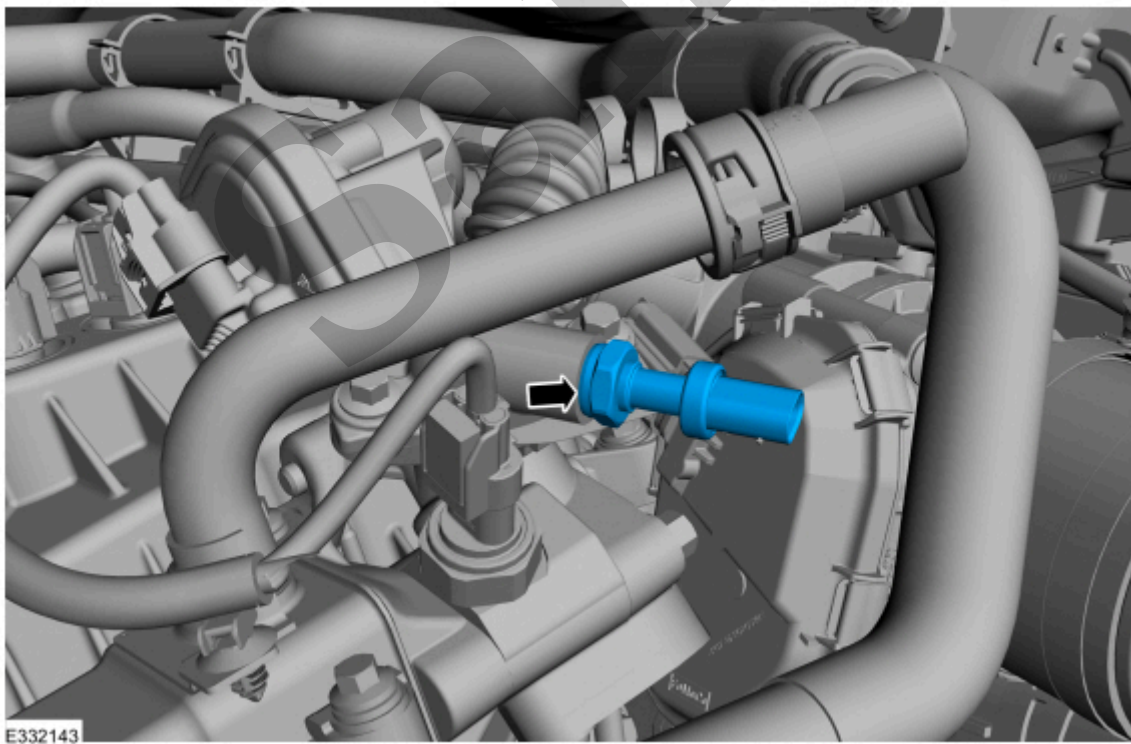
1. Remove the engine appearance cover retainers, release the engine appearance cover from the rear retainers and then remove the engine appearance cover.



[Click here to learn about symbols, color coding, and icons used in this manual.](#)

5. Remove the EGR (exhaust gas recirculation) temperature sensor.

Torque : 133 lb.in (15 Nm)



[Click here to learn about symbols, color coding, and icons used in this manual.](#)



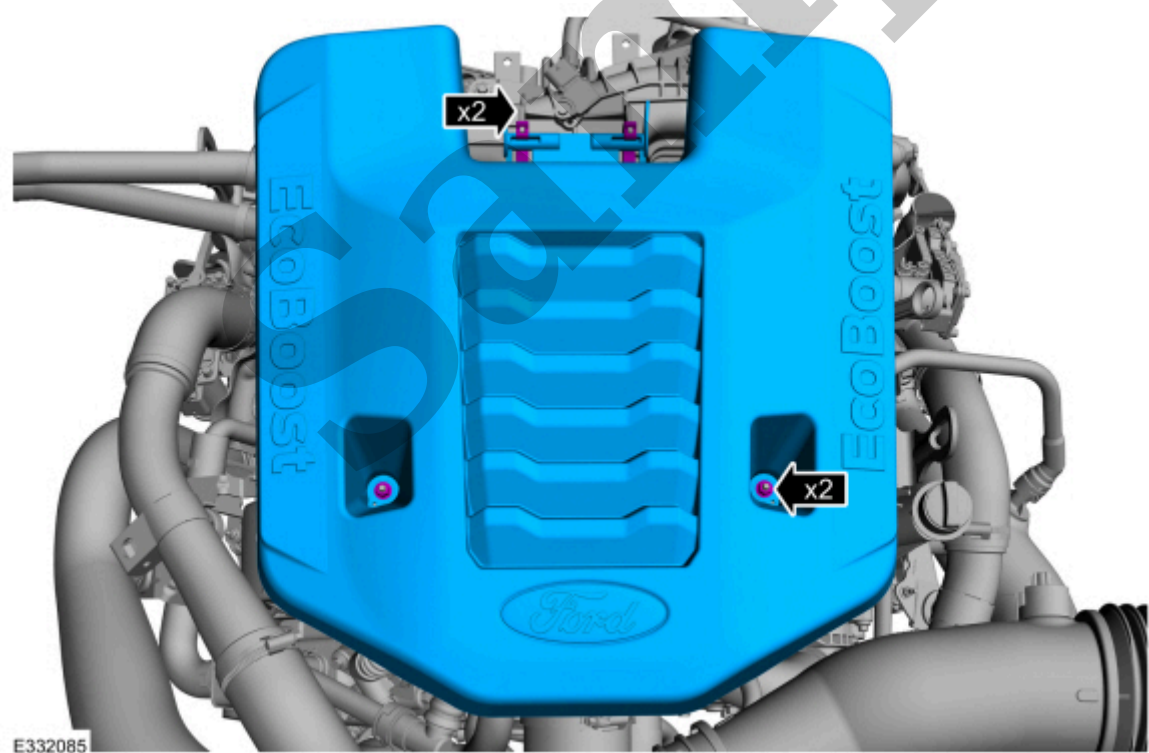
Exhaust Gas Recirculation (EGR) Valve

| | |
|---|-------------------------------------|
| 303-08D Engine Emission Control - 3.5L V6 PowerBoost (CN) | 2022 F-150 |
| Removal and Installation | Procedure revision date: 08/30/2021 |

Exhaust Gas Recirculation (EGR) Valve

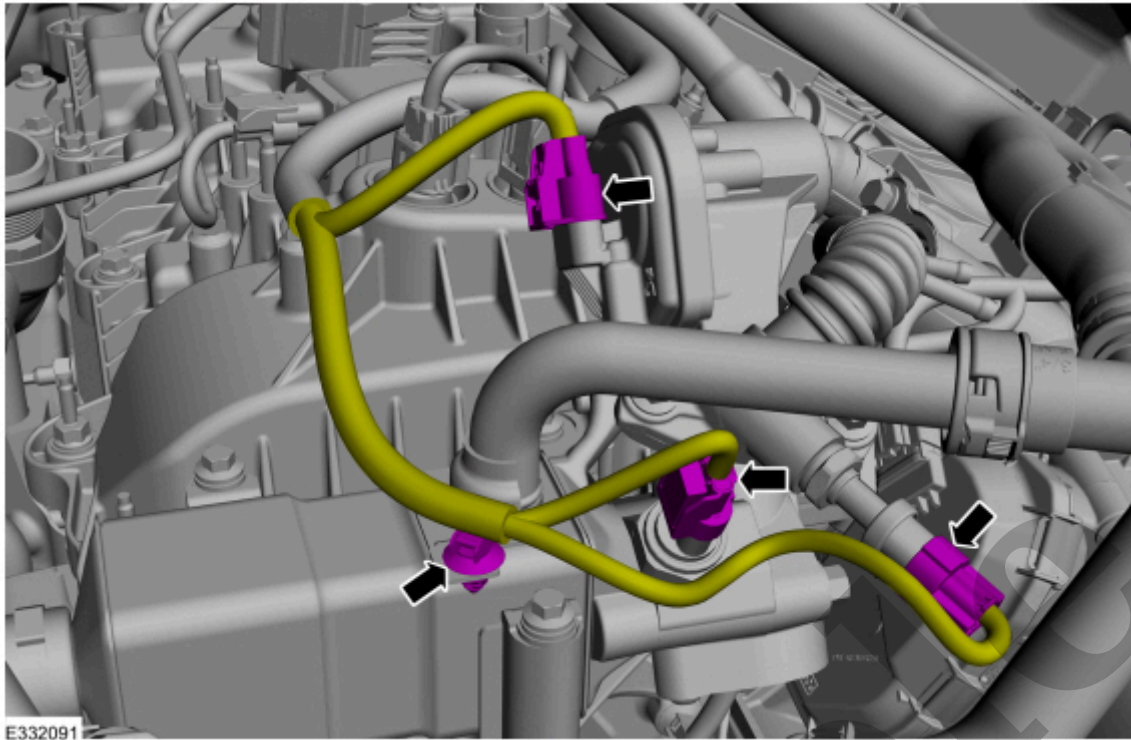
Removal

1. Remove the engine appearance cover retainers, release the engine appearance cover from the rear retainers and then remove the engine appearance cover.



[Click here to learn about symbols, color coding, and icons used in this manual.](#)

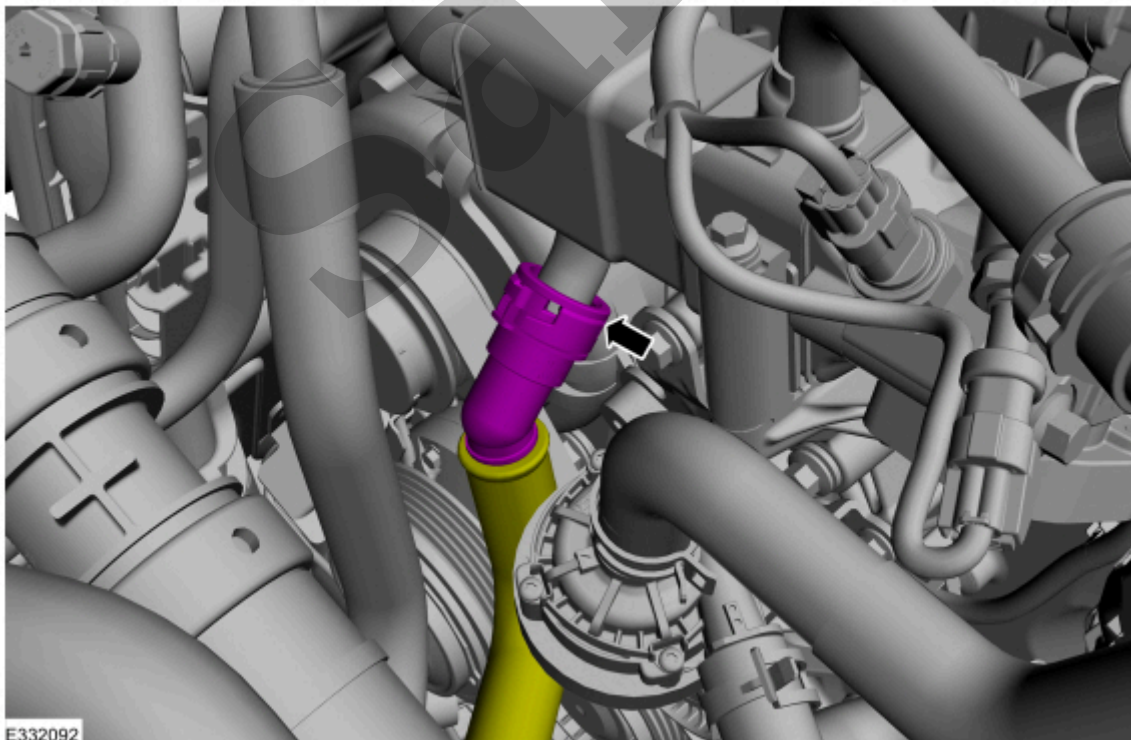
2. Remove the RH (right-hand) side air cleaner outlet pipe.

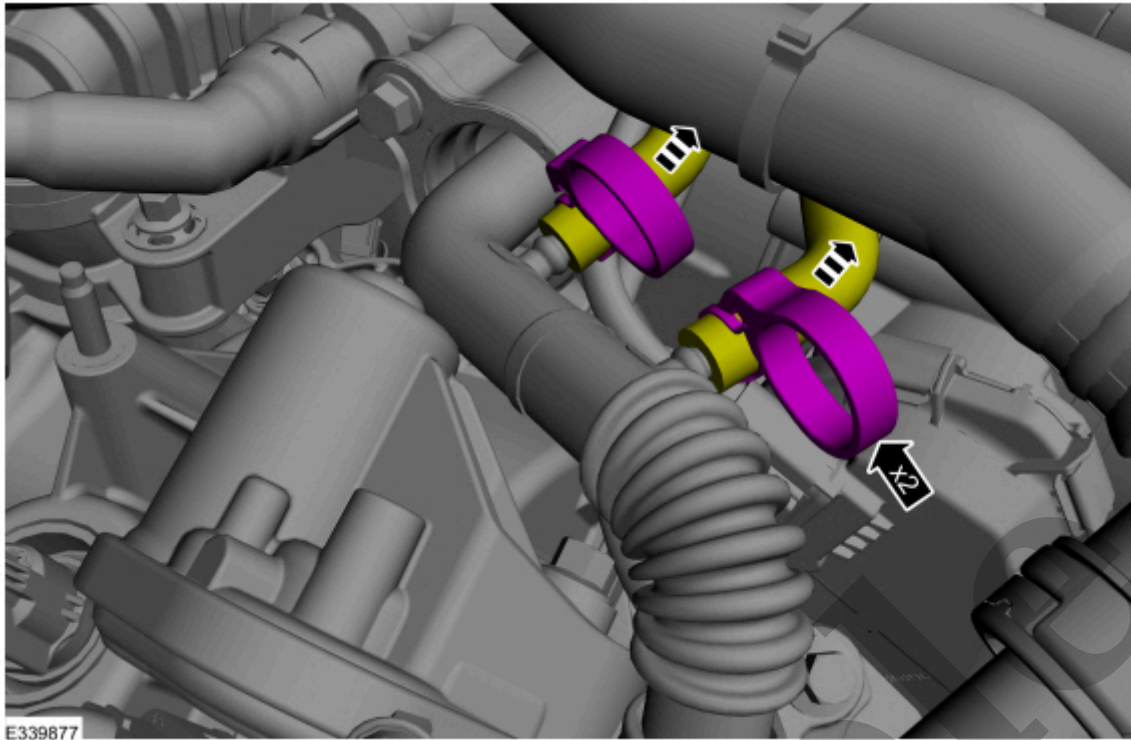


[Click here to learn about symbols, color coding, and icons used in this manual.](#)

6. Disconnect the lower coolant hose from the EGR (exhaust gas recirculation) cooler assembly.

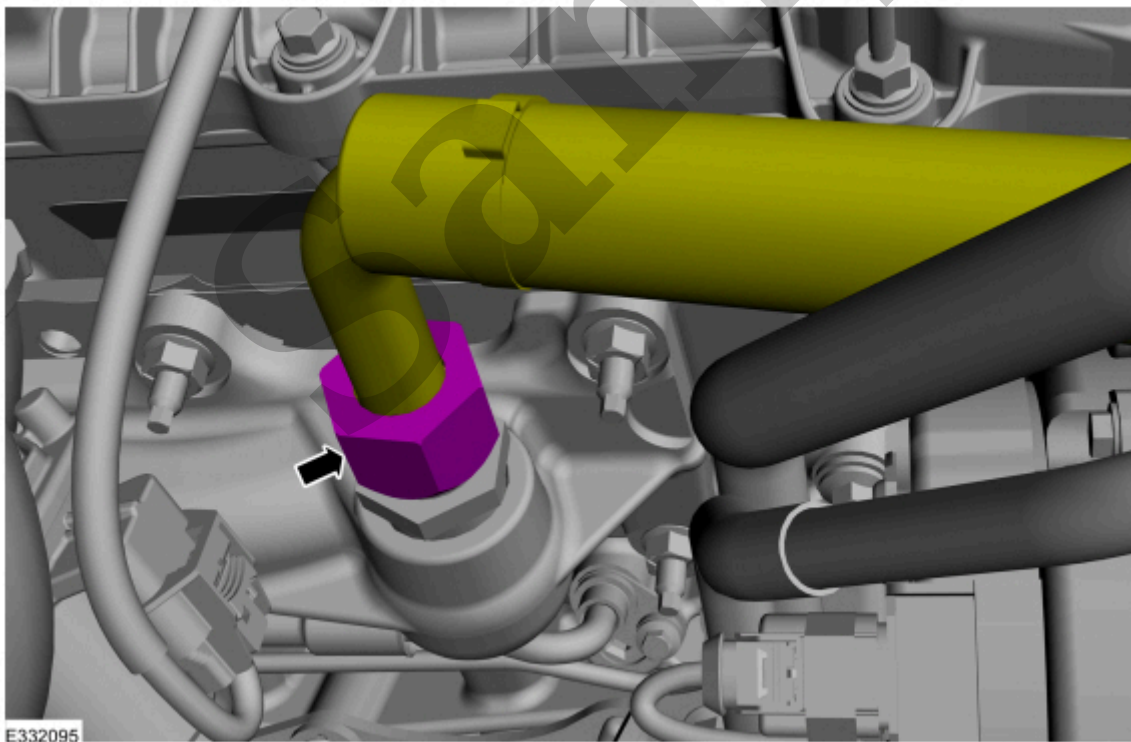
Refer to: [Quick Release Coupling](#)(310-00D Fuel System - General Information - 3.5L V6 PowerBoost (CN), General Procedures).





[Click here to learn about symbols, color coding, and icons used in this manual.](#)

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



[Click here to learn about symbols, color coding, and icons used in this manual.](#)

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