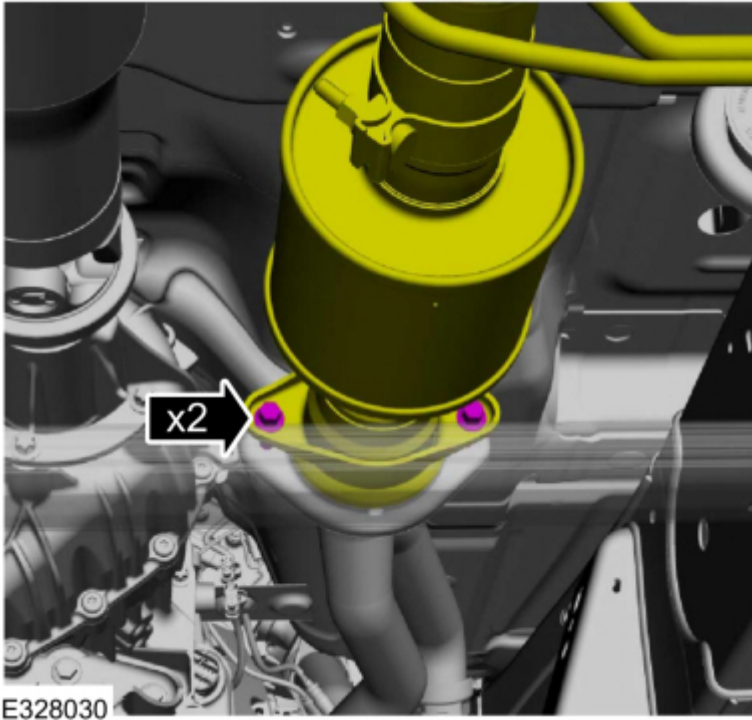


# Your Ultimate Source for OEM Repair Manuals

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.

## 2016 Ford Transit Connect Service and Repair Manual

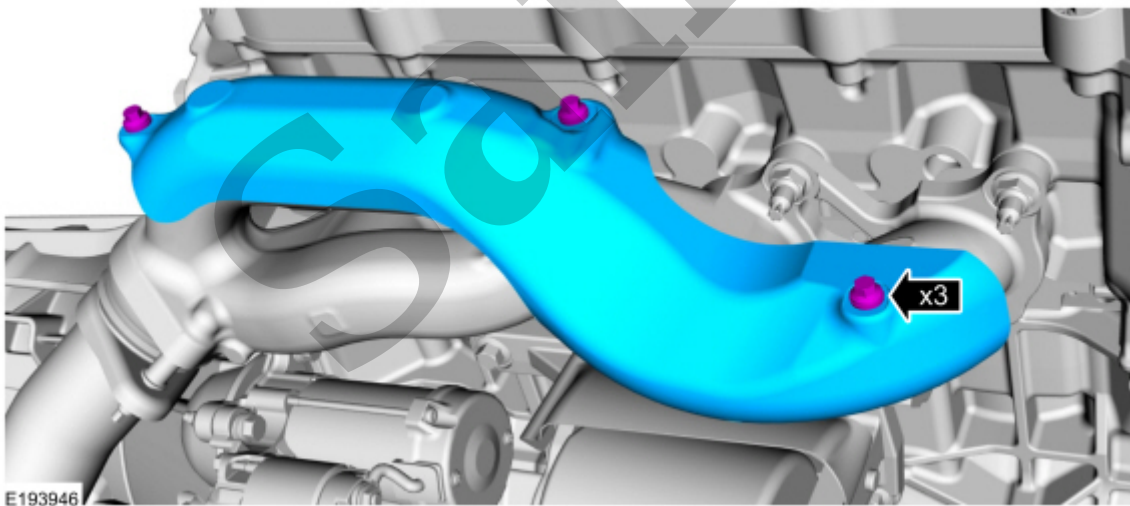
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12. Install the heat shield and bolts.

**Torque** : 106 lb.in (12 Nm)

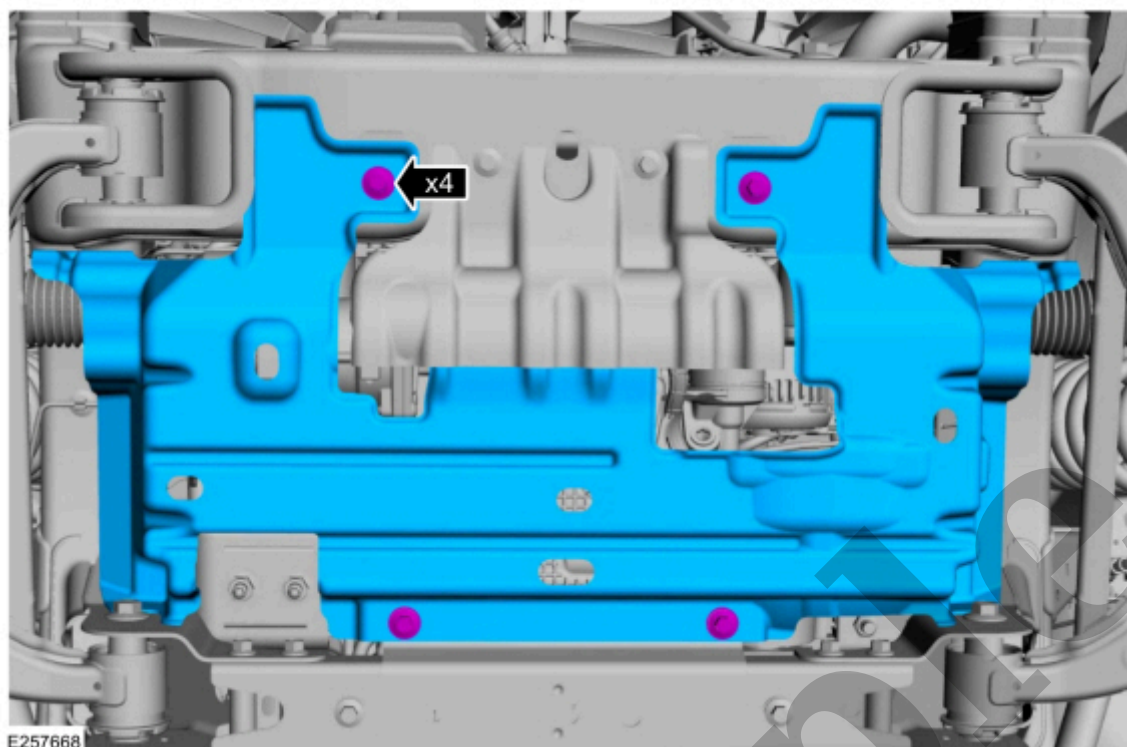


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13. Install the following items:

1. A/C compressor.

**Torque** : 30 lb.ft (40 Nm)



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16. **NOTE**

If equipped.

Install the underbody shield and the bolts.

**Torque** : 71 lb.in (8 Nm)



## Flexplate

|   |   |
|---|---|
| <b>303-01E Engine - 5.0L 32V Ti-VCT</b> | <b>2022 F-150</b>                         |
| <b>Removal and Installation</b>         | <b>Procedure revision date: 09/7/2022</b> |

### Flexplate

#### Removal

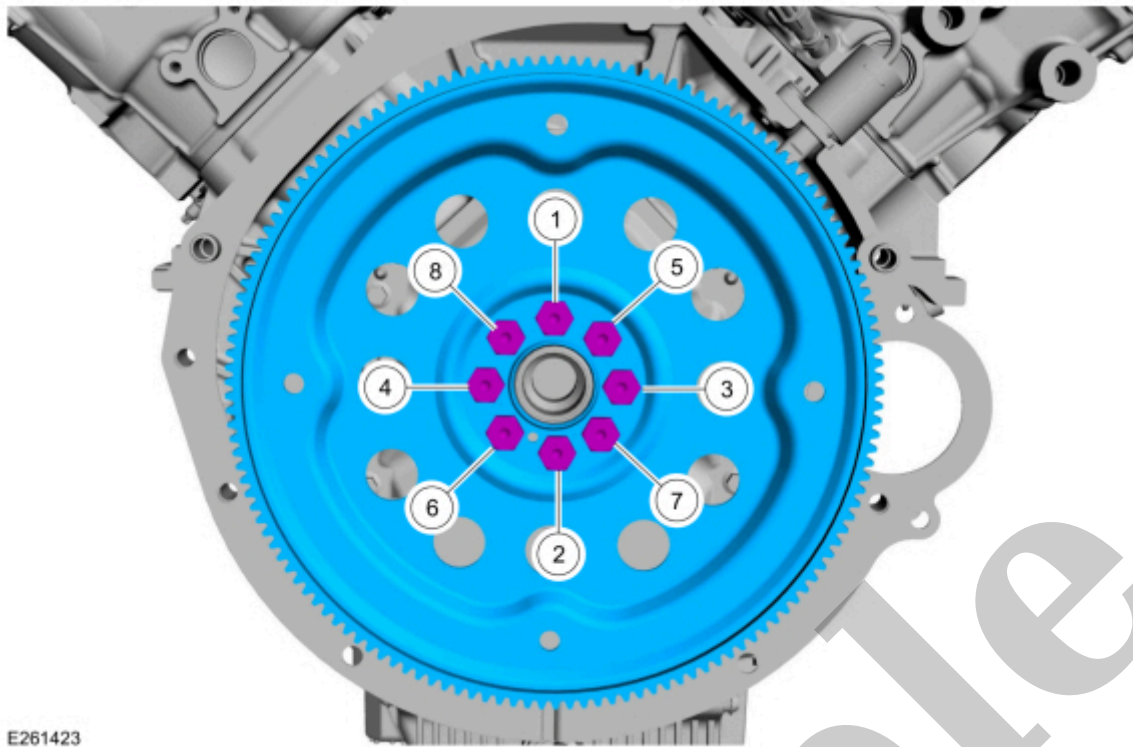
1. Remove the transmission.

Refer to: [Transmission - 5.0L 32V Ti-VCT](#)(307-01A Automatic Transmission - 10-Speed Automatic Transmission – 10R80, Removal and Installation).

#### 2. **NOTE**

The flexplate bolts are torque-to-yield design and are not reusable.

- Remove and discard the bolts.
- Remove the flexplate.



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2. Install the transmission.

Refer to: [Transmission - 5.0L 32V Ti-VCT](#)(307-01A Automatic Transmission - 10-Speed Automatic Transmission – 10R80, Removal and Installation).

3. Use the Powertrain Control Module (PCM) Misfire Monitor Profile Correction routine in the diagnostic scan tool.

4. If a new flexplate was installed, road test the vehicle.

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## Intake Manifold

|   |   |
|---|---|
| <b>303-01E Engine - 5.0L 32V Ti-VCT</b> | <b>2022 F-150</b>                         |
| <b>Removal and Installation</b>         | <b>Procedure revision date: 09/7/2022</b> |

### Intake Manifold

#### Removal

##### NOTICE

During engine repair procedures, cleanliness is extremely important. Any foreign material, including any material created while cleaning gasket surfaces, that enters the oil passages, coolant passages or the oil pan, can cause engine failure.

##### NOTE

Removal steps in this procedure may contain installation details.

1. Release the fuel system pressure.

Refer to: [Fuel System Pressure Release](#)(310-00E Fuel System - General Information - 5.0L 32V Ti-VCT, General Procedures).

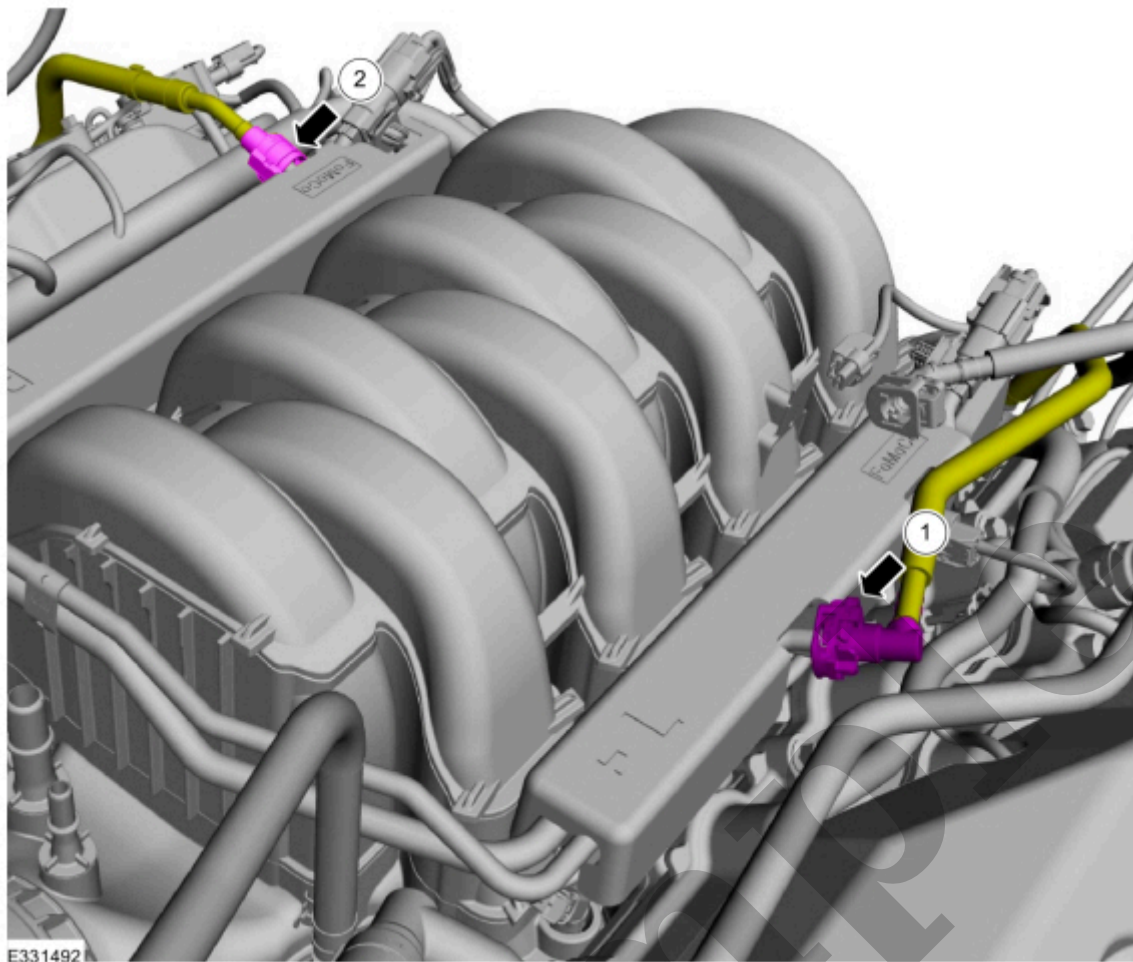
2. Disconnect the battery ground cable.

Refer to: [Battery Disconnect and Connect](#)(414-01 Battery, Mounting and Cables, General Procedures).

3. Remove the following items:

1. Air cleaner outlet pipe.

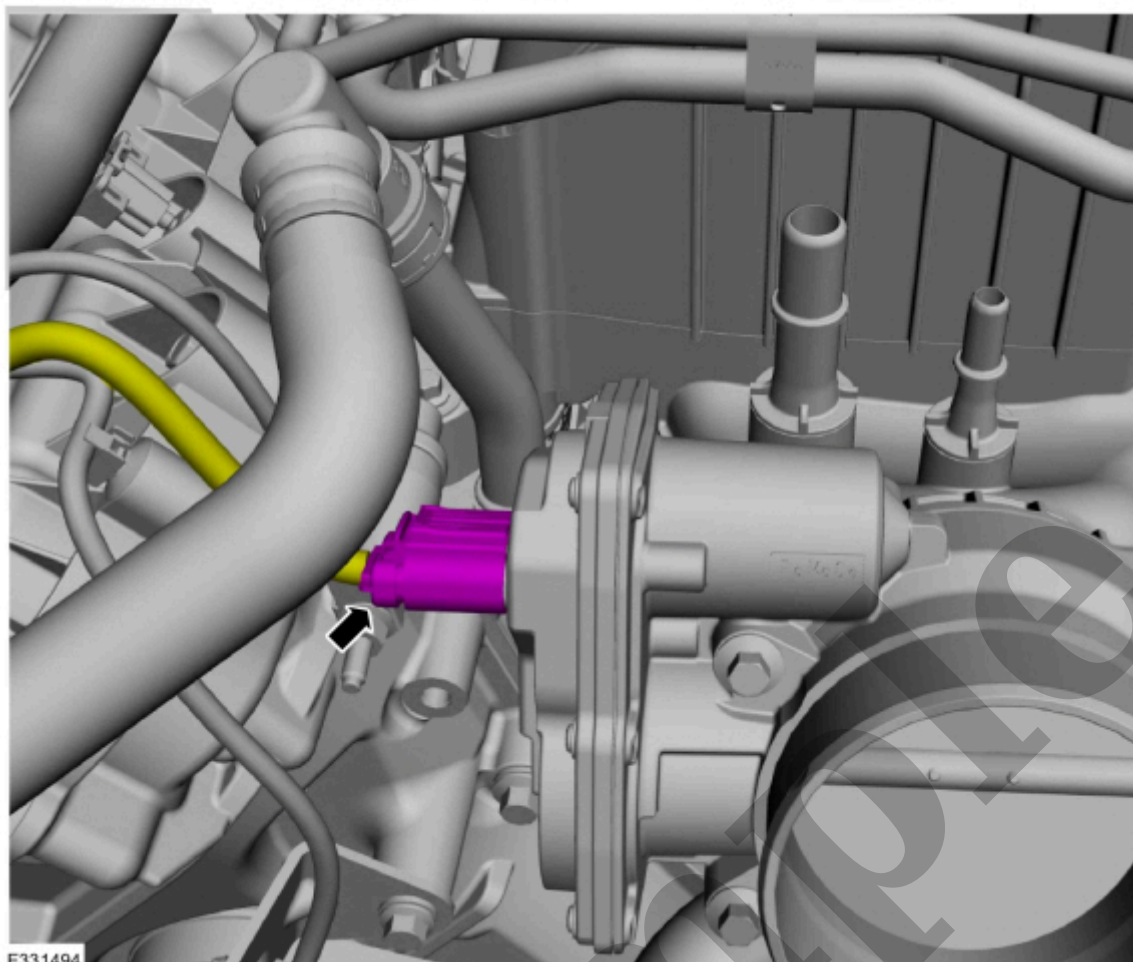
Refer to: [Air Cleaner Outlet Pipe](#)(303-12E Intake Air Distribution and Filtering - 5.0L 32V Ti-VCT, Removal and Installation).



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6. Remove the fuel rail insulators.

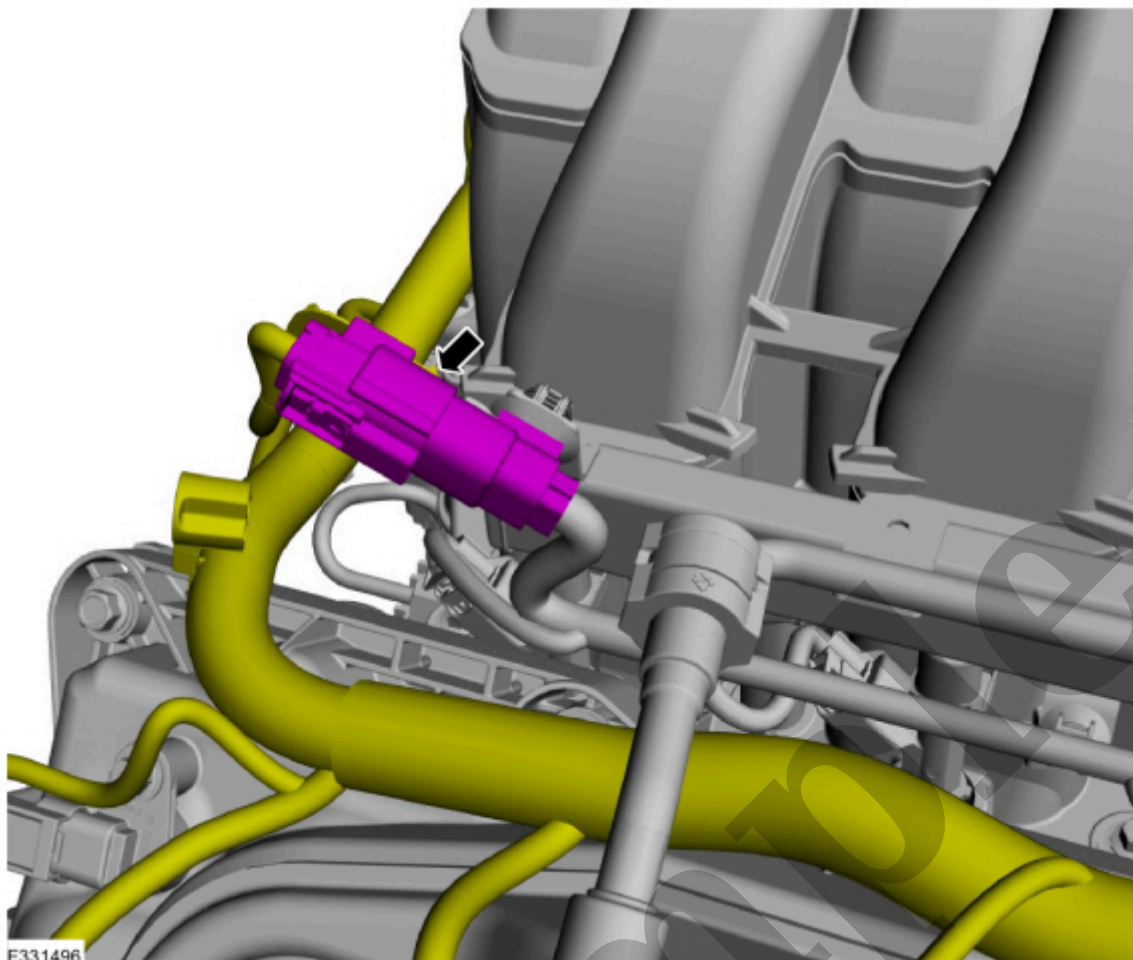




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8. Disconnect the LH (left-hand) fuel injector harness and fuel pressure sensor electrical connectors.





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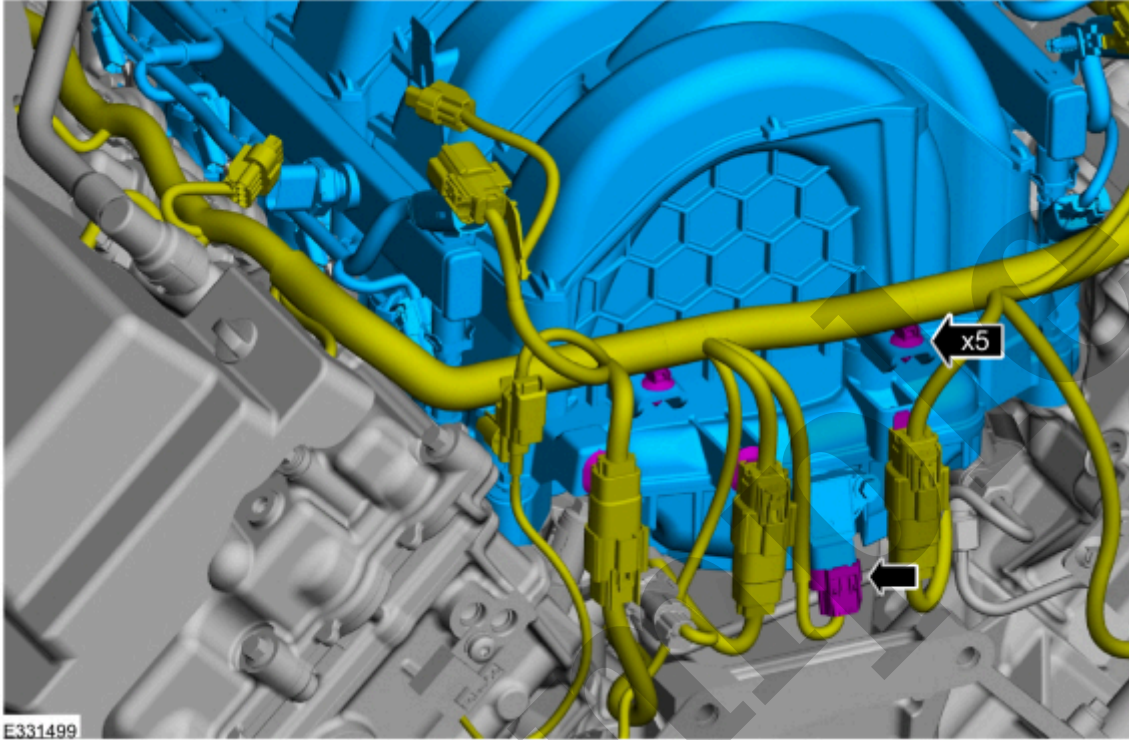
10. **NOTE**

It is not necessary to remove the fuel rail from the intake manifold assembly.

Remove the fuel rail bolts.

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12.
  - Disconnect the MAP (manifold absolute pressure) sensor electrical connector.
  - Detach the wiring harness retainers
  - Remove the intake manifold.



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13. • **NOTE**

Visually inspect the manifold gaskets for nicks, cuts and abrasions. If these conditions are NOT present, the gaskets may be re-used.

Remove and inspect the gaskets.

- Clean and inspect all sealing surfaces.