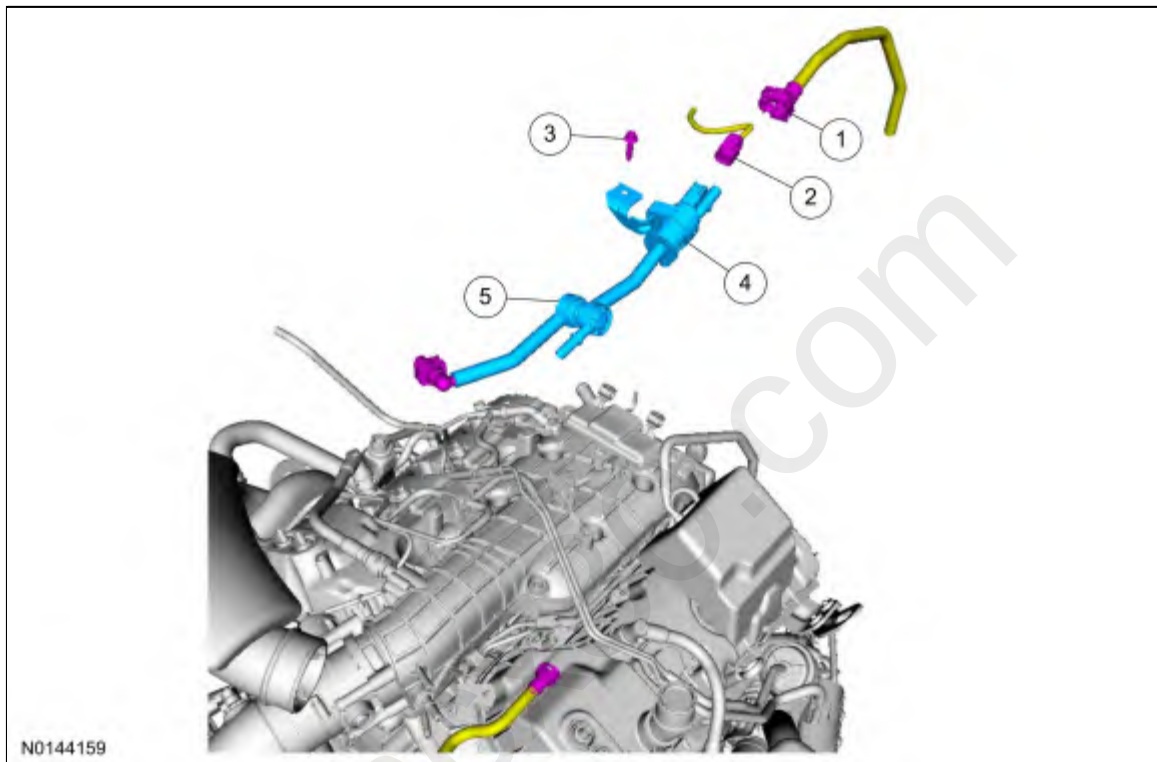


SECTION 303-13: Evaporative Emissions
REMOVAL AND INSTALLATION

2014 F-150 Workshop Manual
Procedure revision date: 10/25/2013

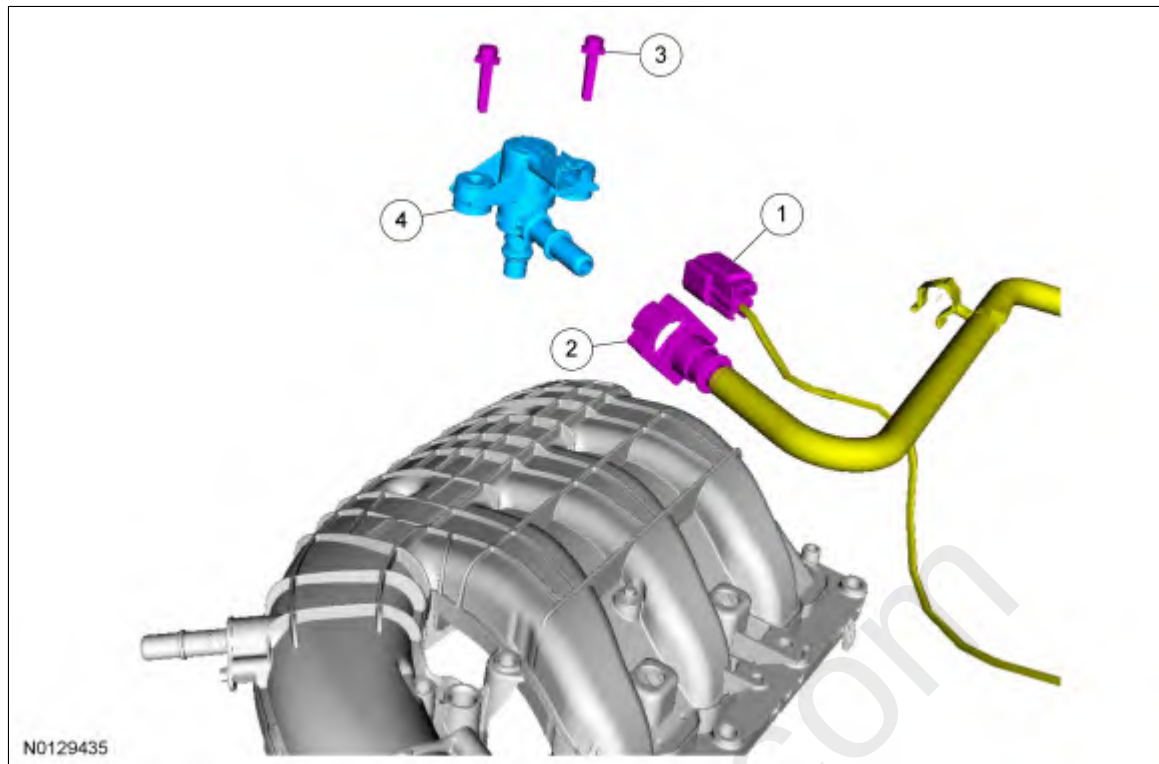
Evaporative Emission Canister Purge Valve

3.5L Gasoline Turbocharged Direct Injection (GTDI) Engine



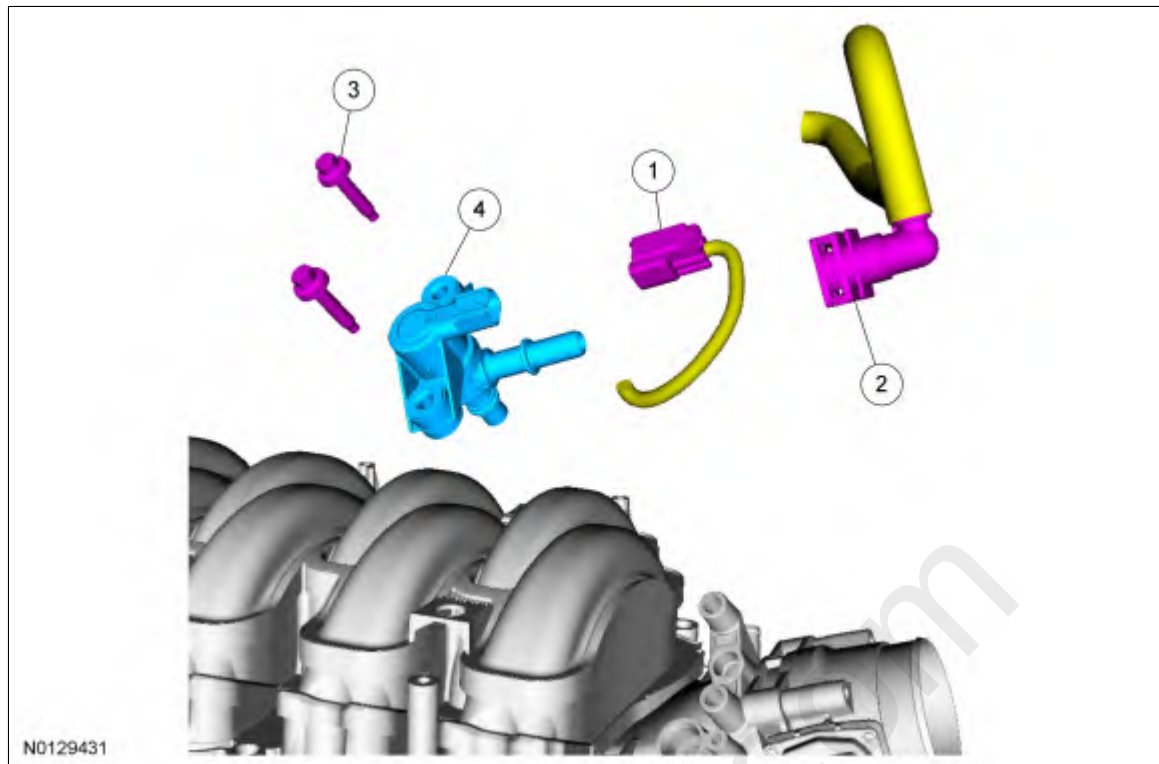
Item	Part Number	Description
1	—	Fuel vapor hose quick-connect coupling (3 required)
2	—	Purge valve electrical connector (part of 12C508)
3	W500215	Purge valve bracket bolt - 10 Nm (89 lb-in)
4	9B325	Purge valve and hose assembly
5	—	Dual check valve (Part of 9B325)

3.7L Engine



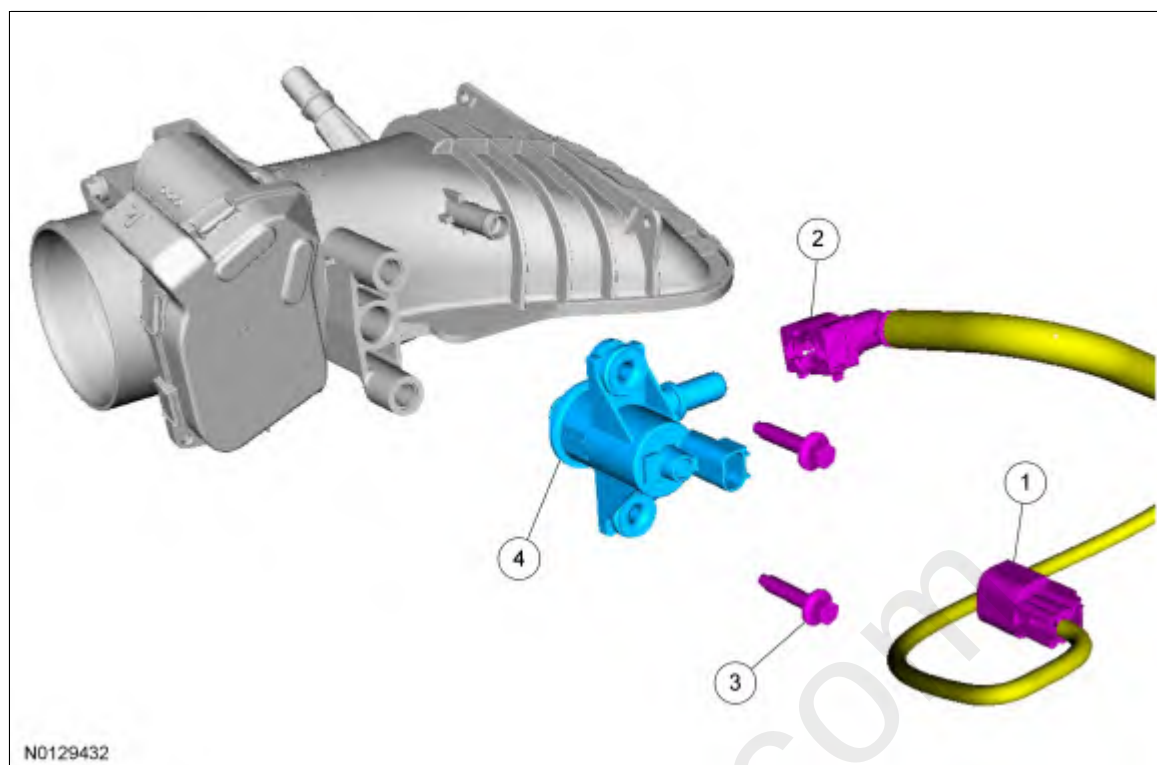
Item	Part Number	Description
1	—	Evaporative Emission (EVAP) canister purge valve electrical connector (part of 12C508)
2	9J280	<u>EVAP</u> canister-to- <u>EVAP</u> canister purge valve vapor tube
3	W500015	<u>EVAP</u> canister purge valve bolt - 10 Nm (89 lb-in) (2 required)
4	9G866	<u>EVAP</u> canister purge valve

5.0L Engine



Item	Part Number	Description
1	—	Evaporative Emission (EVAP) canister purge valve electrical connector (part of 12C508)
2	9G271	<u>EVAP</u> canister-to- <u>EVAP</u> canister purge valve vapor tube
3	W503278	<u>EVAP</u> canister purge valve bolt - 10 Nm (89 lb-in) (2 required)
4	9G866	<u>EVAP</u> canister purge valve

6.2L Engine



Item	Part Number	Description
1	—	Evaporative Emission (EVAP) canister purge valve electrical connector (part of 12C508)
2	9D676	<u>EVAP</u> canister-to- <u>EVAP</u> canister purge valve vapor tube
3	W500215	<u>EVAP</u> canister purge valve bolt - 10 Nm (89 lb-in) (2 required)
4	9G866	<u>EVAP</u> canister purge valve

Removal and Installation

⚠ WARNING: Do not smoke, carry lighted tobacco or have an open flame of any type when working on or near any fuel-related component. Highly flammable mixtures are always present and may be ignited. Failure to follow these instructions may result in serious personal injury.

⚠ WARNING: Do not carry personal electronic devices such as cell phones, pagers or audio equipment of any type when working on or near any fuel-related component. Highly flammable mixtures are always present and may be ignited. Failure to follow these instructions may result in serious personal injury.

⚠ WARNING: Always disconnect the battery ground cable at the battery when working on an evaporative emission (EVAP) system or fuel-related component. Highly flammable mixtures are always present and may be ignited. Failure to follow these instructions may result in serious personal injury.

All engines

1. Disconnect the battery ground cable. For additional information, refer to [Section 414-01](#).
2. Disconnect the Evaporative Emission (EVAP) canister purge valve electrical connector.

3.5L Gasoline Turbocharged Direct Injection (GTDI) engine

3. Disconnect the 3 purge valve and hose assembly vapor hose quick-connect fittings.
4. Remove the bolt and the purge valve and hose assembly.
 - To install, tighten to 10 Nm (89 lb-in).

3.7L, 5.0L and 6.2L engines

5. Disconnect the EVAP canister-to- EVAP canister purge valve vapor tube quick connect coupling from the valve. For additional information, refer to [Section 310-00](#).
6. Remove the 2 EVAP canister purge valve bolts and remove the valve.
 - To install, tighten to 10 Nm (89 lb-in).

All engines

7. To install, reverse the removal procedure.
 - Carry out the Evaporative Emission System Leak Test. For additional information, refer to [Evaporative Emission System Leak Test](#) in this section.
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