

Evaporative Emission Canister - Crew Cab

Removal

⚠ **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 may be 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 may be 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 EVAP system or fuel-related component. Highly flammable mixtures may be present and may be ignited. Failure to follow these instructions may result in serious personal injury.

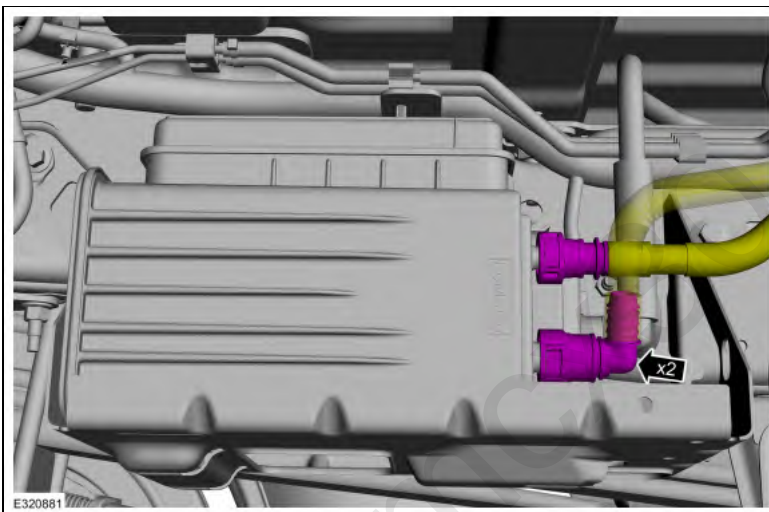
NOTE: Removal steps in this procedure may contain installation details.

All vehicles

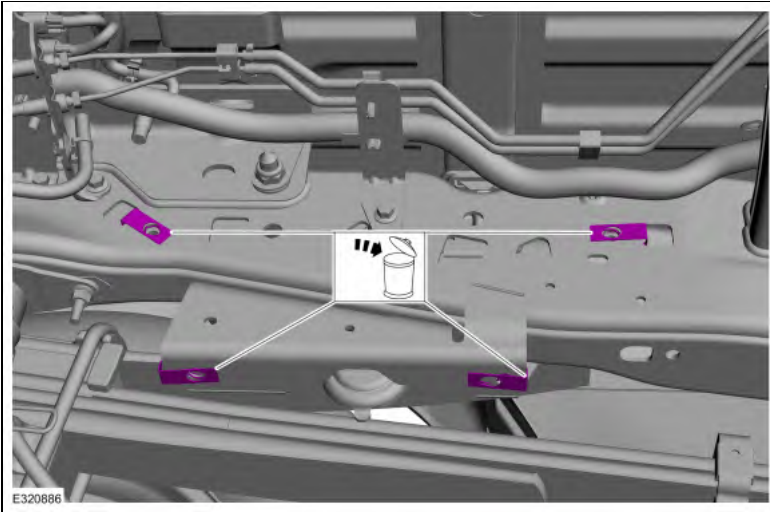
1. With the vehicle in NEUTRAL, position it on a hoist.
Refer to: Jacking and Lifting - Overview (100-02 Jacking and Lifting, Description and Operation).
2. Disconnect the battery ground cable.
Refer to: Battery Disconnect and Connect (414-01 Battery, Mounting and Cables, General Procedures).

Type 1

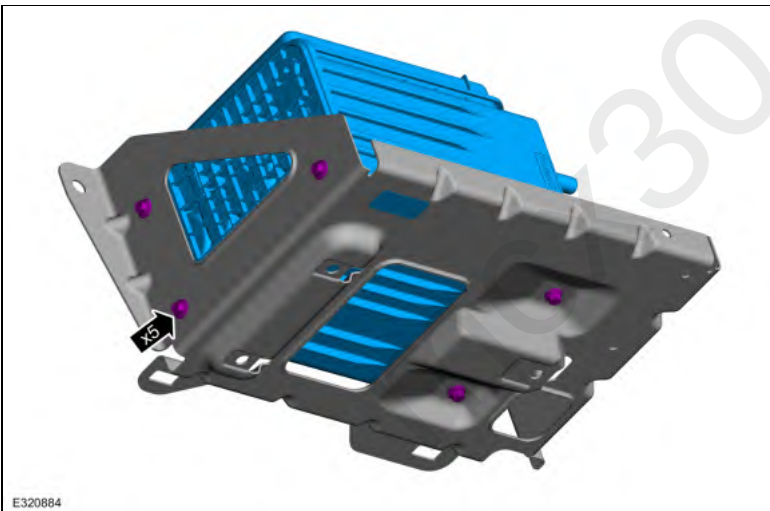
3. Disconnect the EVAP canister quick connect couplings.
Refer to: Quick Release Coupling (310-00A) .



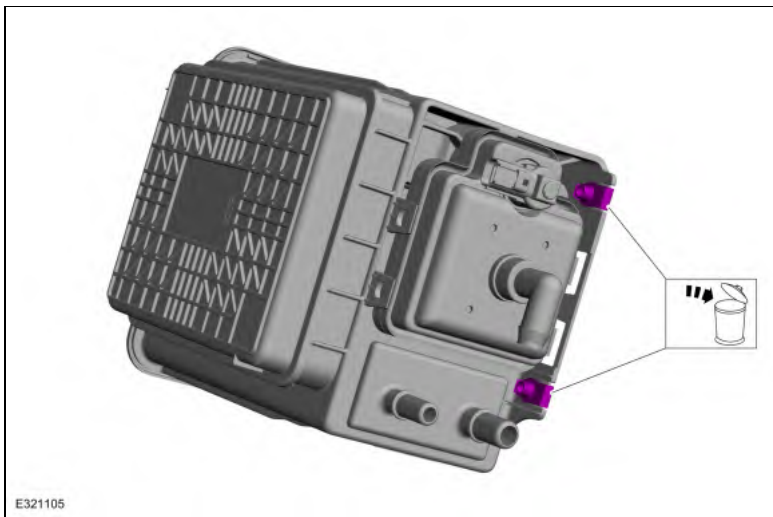
4.
 - Remove the vent hose.
 - Disconnect the EVAP canister electrical connector.



7. Remove the EVAP canister bolts and remove the canister.
Torque: 80 lb.in (9 Nm)

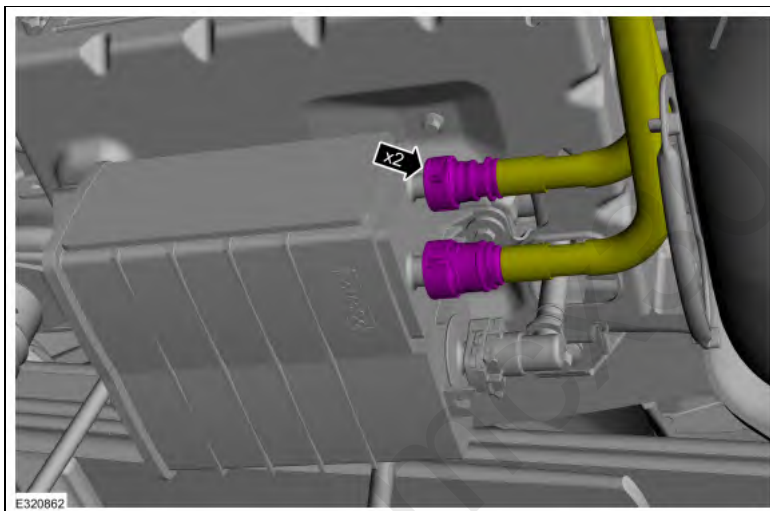


8. Remove and discard the EVAP canister retaining J-nuts.

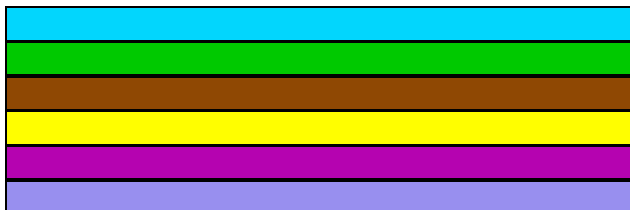
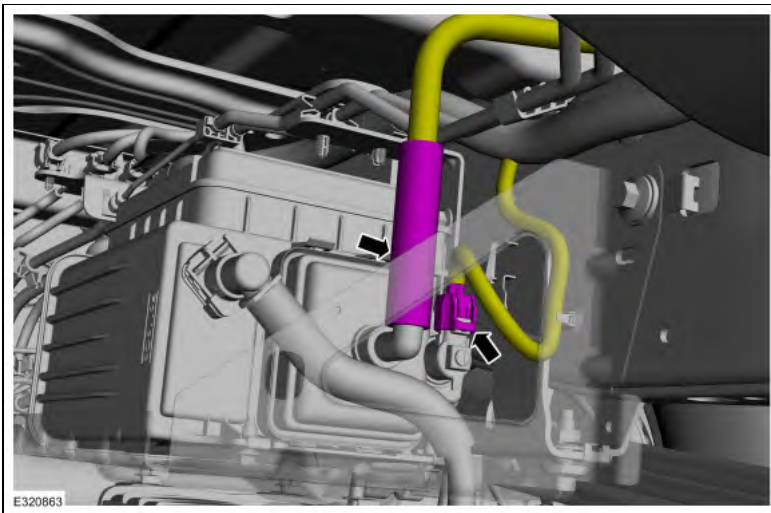


Type 2

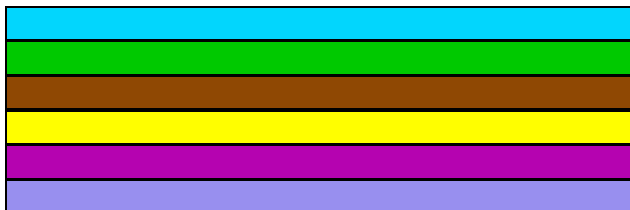
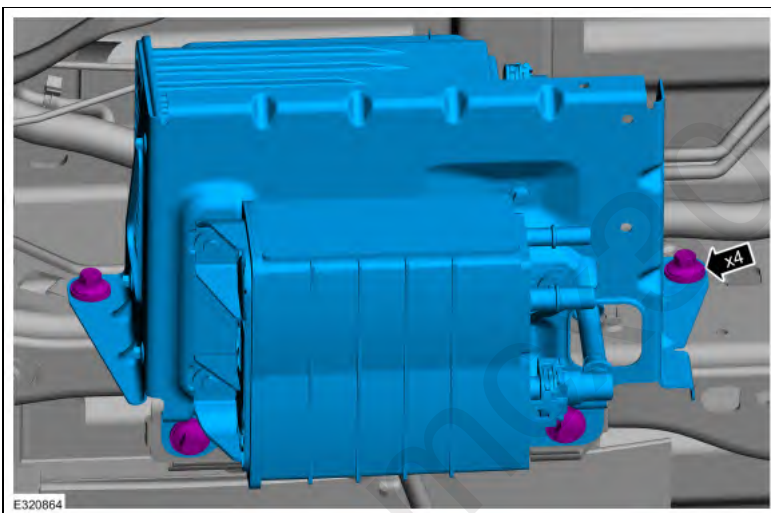
9. Disconnect the EVAP canister quick connect couplings.
Refer to: Quick Release Coupling (310-00A) .



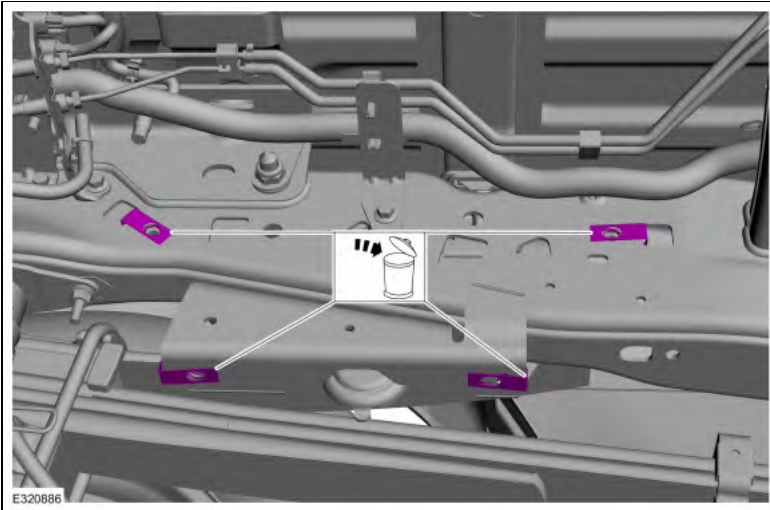
10.
 - Remove the vent hose.
 - Disconnect the EVAP canister electrical connector.



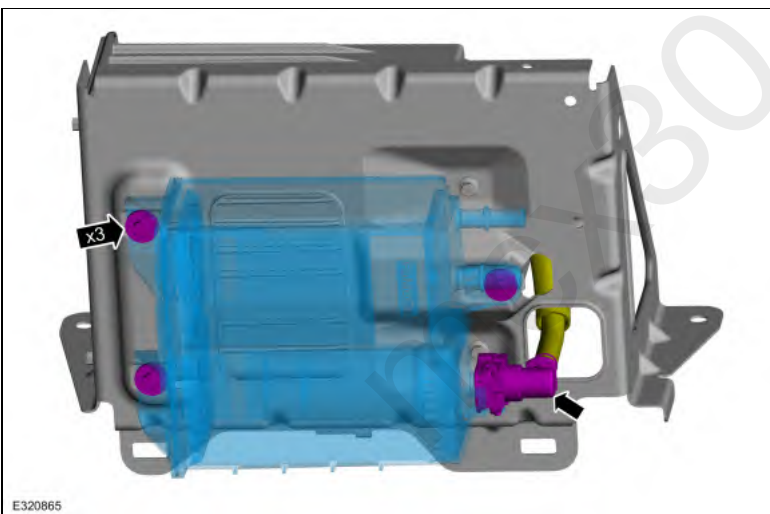
11. Remove the bolts and remove the EVAP canister and bracket from the vehicle.
Torque: 30 lb.ft (40 Nm)



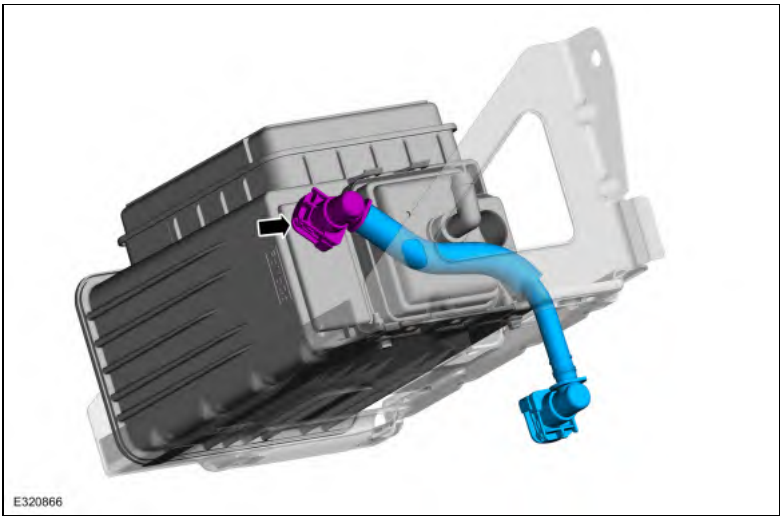
12. Remove and discard the EVAP canister retaining J-nuts.



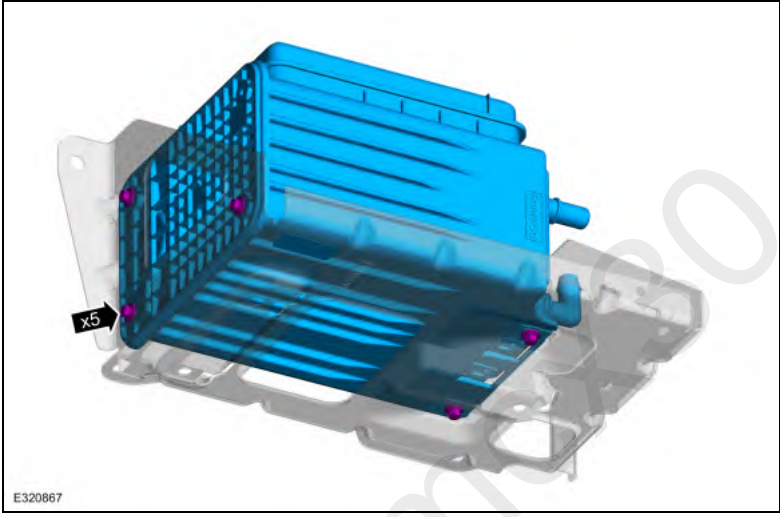
- 13.
- Disconnect the EVAP canister quick connect coupling. Refer to: Quick Release Coupling (310-00A) .
 - Remove the EVAP canister bolts and remove the canister.



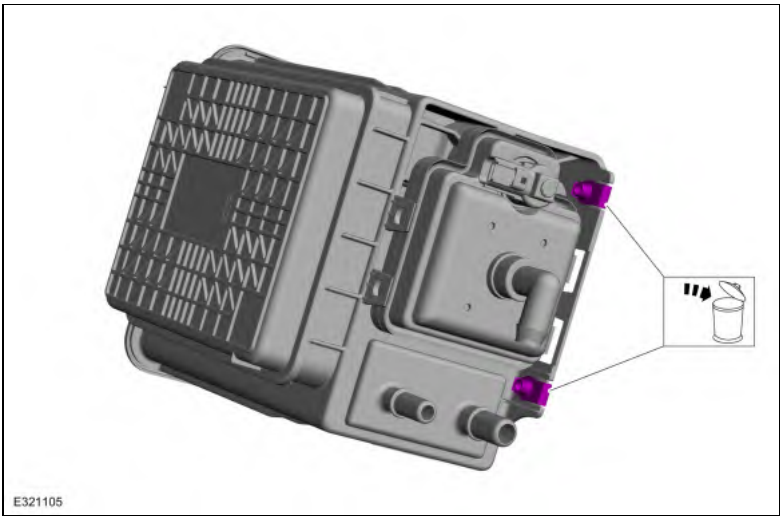
14. Disconnect the EVAP canister quick connect coupling remove the hose.



15. Remove the EVAP canister bolts and remove the EVAP canister.
Torque: 80 lb.in (9 Nm)

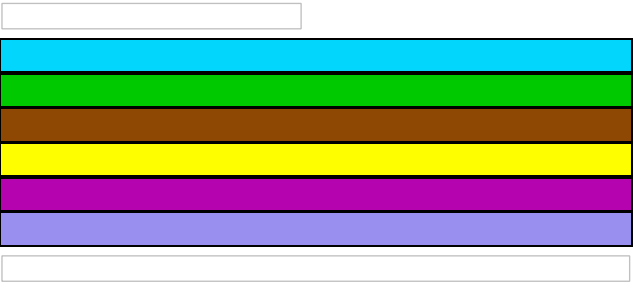
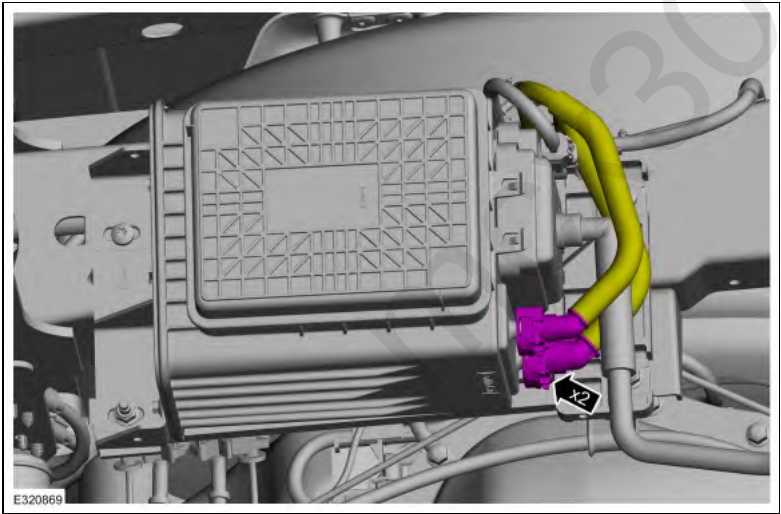


16. Remove and discard the EVAP canister retaining J-nuts.

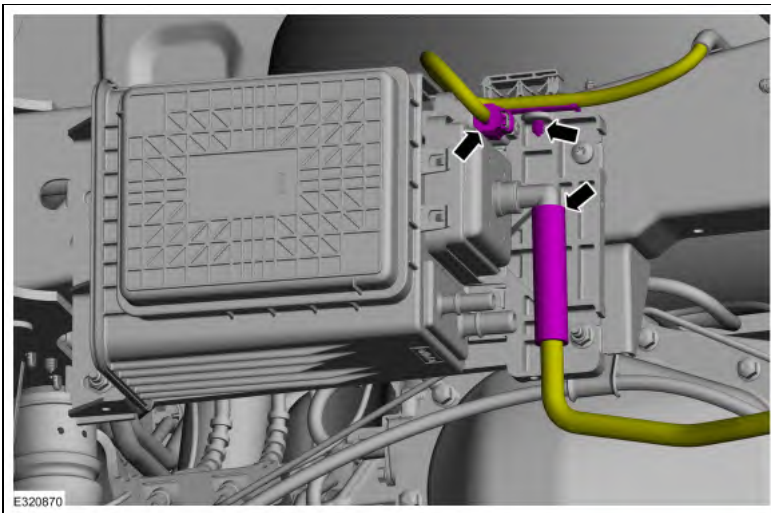


Type 3

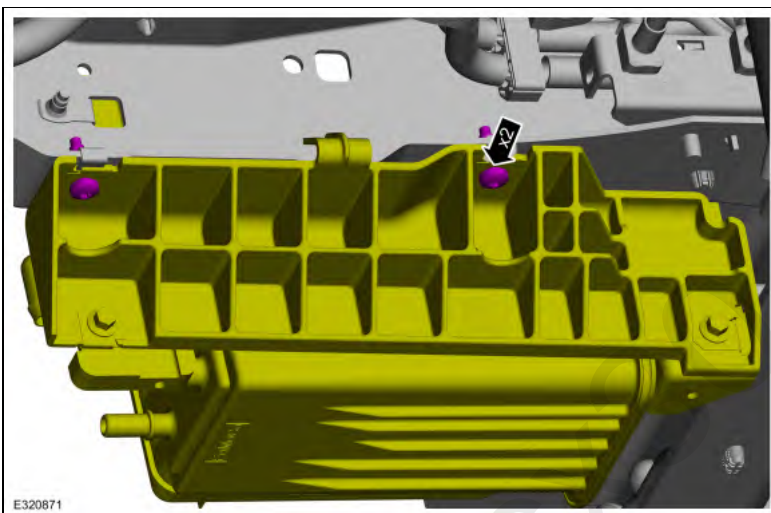
17. Disconnect the EVAP canister quick connect couplings.
Refer to: Quick Release Coupling (310-00A) .



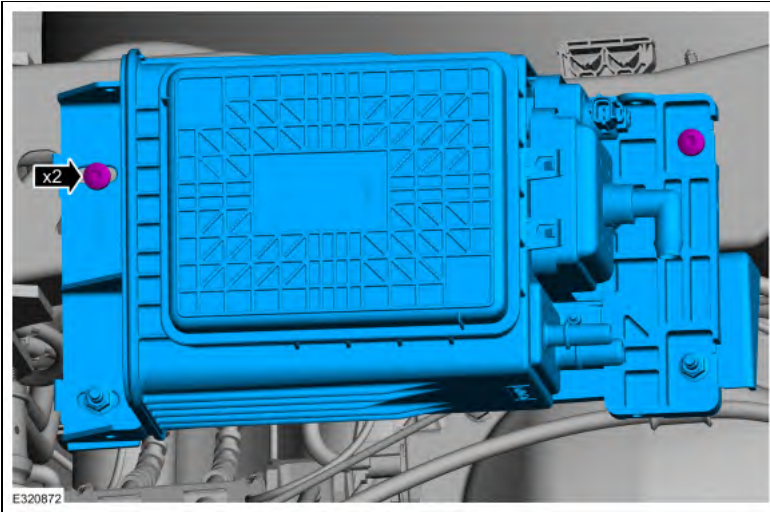
- 18.
- Remove the vent hose.
 - Disconnect the EVAP canister electrical connector.



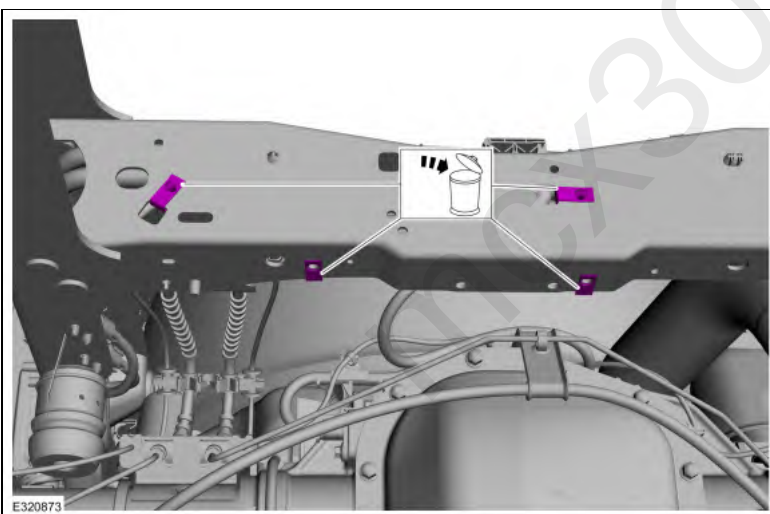
19. Remove the EVAP canister bracket bolts.
Torque: 150 lb.in (17 Nm)



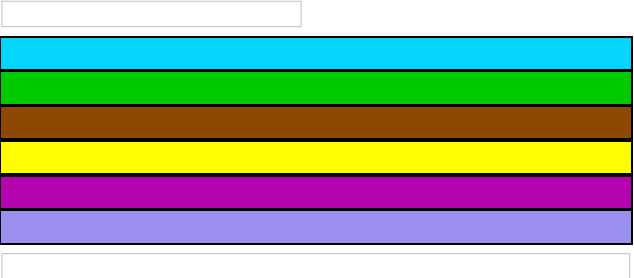
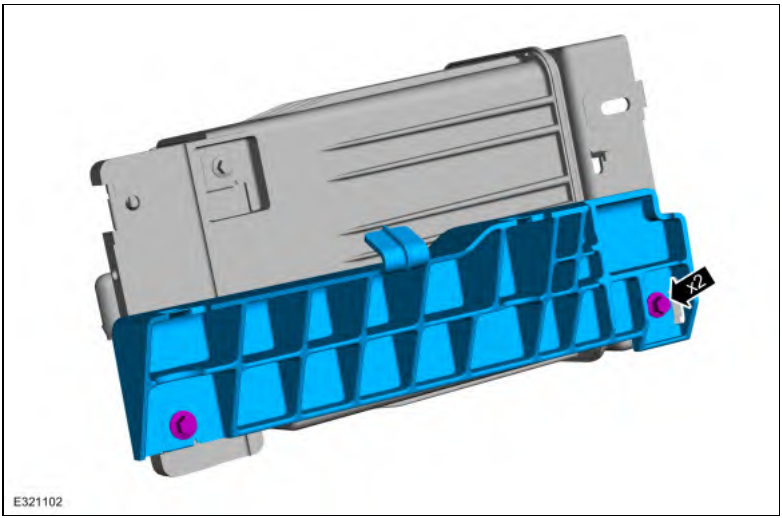
20. Remove the bolts and remove the EVAP canister and bracket from the vehicle.
Torque: 150 lb.in (17 Nm)



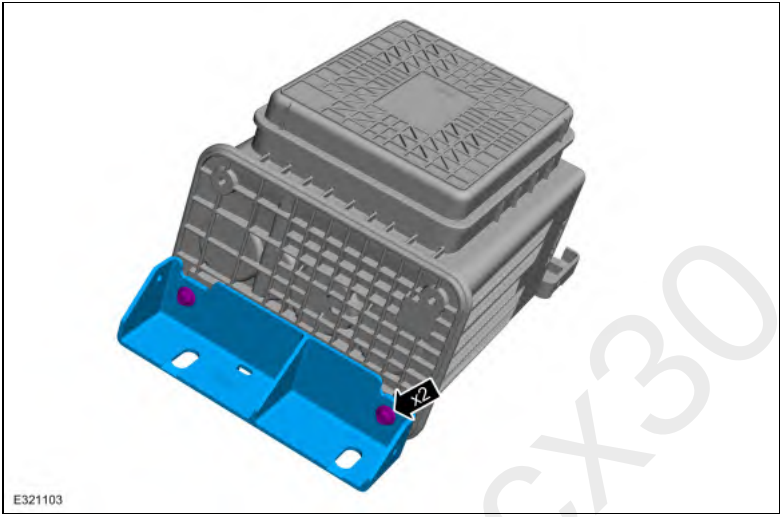
21. Remove and discard the EVAP canister retaining J-nuts.



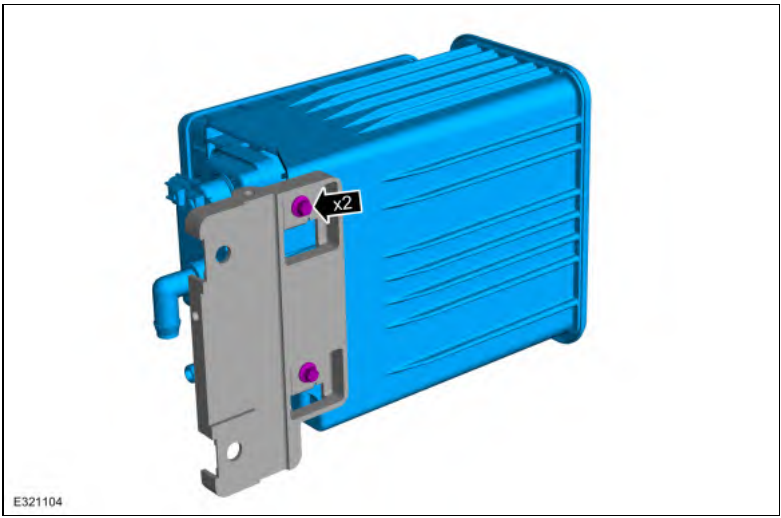
22. Remove the EVAP canister bracket bolts and remove the EVAP canister bracket.
Torque: 80 lb.in (9 Nm)



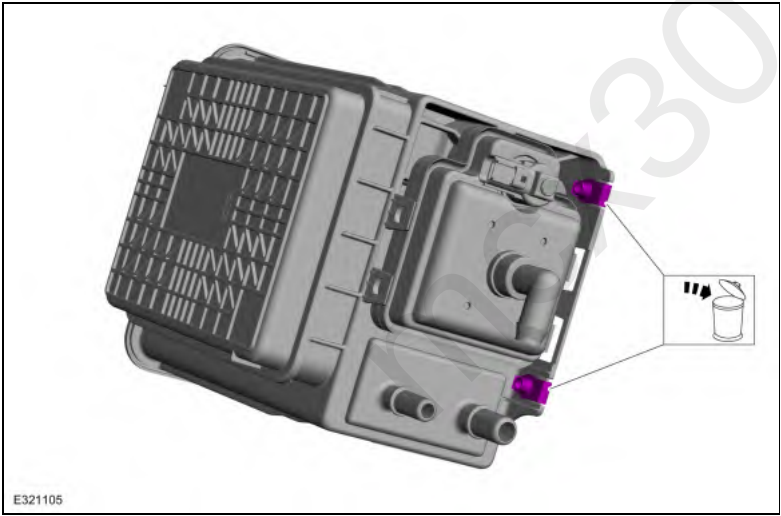
23. Remove the EVAP canister bracket bolts and remove the EVAP canister bracket.
Torque: 80 lb.in (9 Nm)



24. Remove the EVAP canister bolts and remove the EVAP canister.
Torque: 80 lb.in (9 Nm)



25. Remove and discard the EVAP canister retaining J-nuts.



Installation

- 1. To install, reverse the removal procedure.

