

Fuel Tank - Vehicles With: Midship Fuel Tank

Special Tool(s) / General Equipment

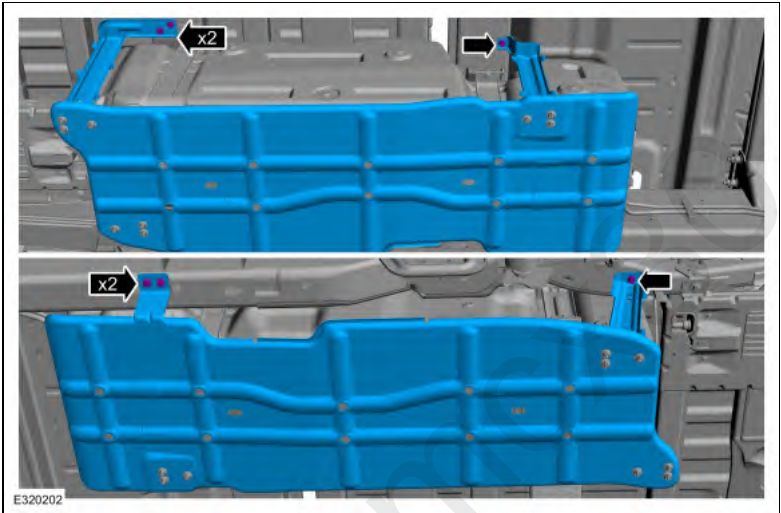
Transmission Jack

Removal

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

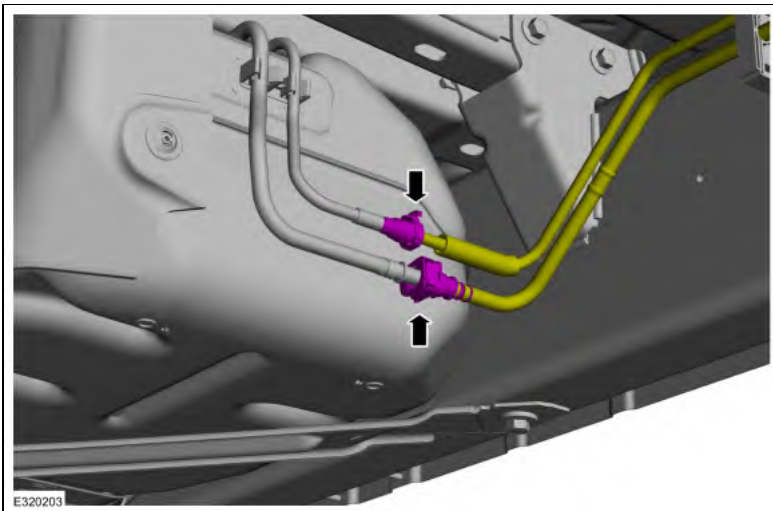
All vehicles

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. Release the fuel system pressure.
Refer to: Fuel System Pressure Release (310-00A Fuel System - General Information - 6.2L V8, General Procedures).
3. Disconnect the battery ground cable.
Refer to: Battery Disconnect and Connect (414-01 Battery, Mounting and Cables, General Procedures).
4. Drain the fuel tank.
Refer to: Fuel Tank Draining (310-00A Fuel System - General Information - 6.2L V8, General Procedures).
5. **If equipped.**
Remove the bolts and the skid plate.
Torque: 22 lb.ft (30 Nm)

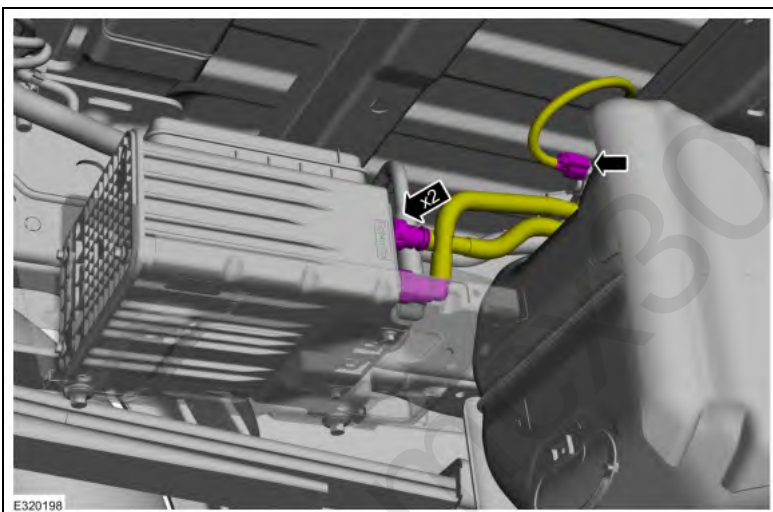


142 inch and 164 inch wheelbase

6. Disconnect the quick connectors.
Refer to: Quick Release Coupling (310-00A) .



7. Disconnect the electrical connector and quick release couplings.
Refer to: Quick Release Coupling (310-00A) .



8. **NOTICE: Do not apply open flame to the fuel tank strap bolts, use a magnetic induction tool to heat the fuel tank strap bolts.**

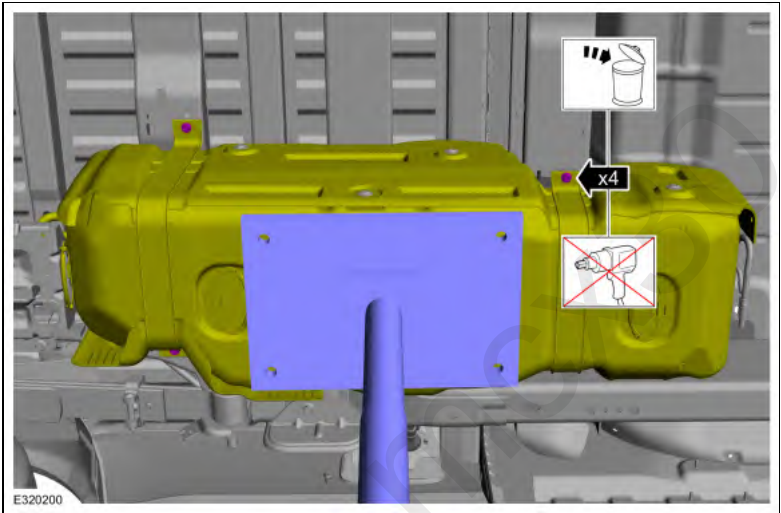
NOTE: Use an Induction Innovations MD-700 Mini-Ductor II Magnetic Induction Heater Kit or equivalent.

NOTE: Adhesive is applied to threads on fuel tank strap bolts during manufacture.

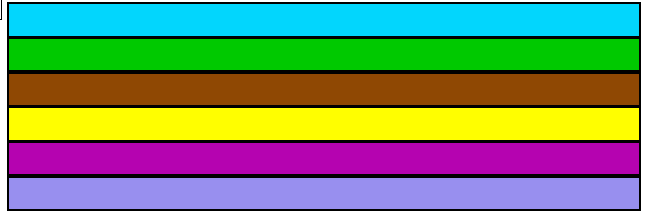
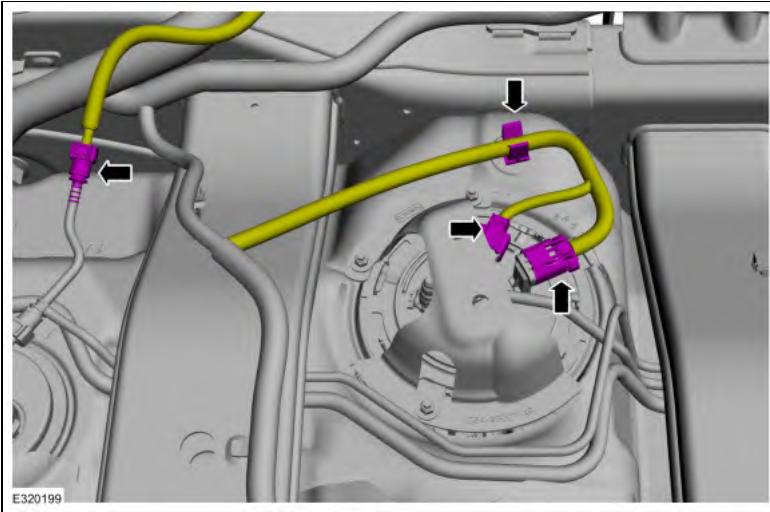
Using a magnetic induction tool, apply heat for 20 seconds to each the fuel tank strap bolt to soften the adhesive, following the tool manufacturer's instructions.



9. **NOTE:** *New bolts must be installed.*
- Heat the fuel tank strap bolts one at a time using a magnetic induction tool. Remove and discard the fuel tank strap bolts using hand tools and lower the fuel tank to access fuel vapor quick release coupling and electrical connectors.
- Use the General Equipment: Transmission Jack
Torque: 30 lb.ft (40 Nm)

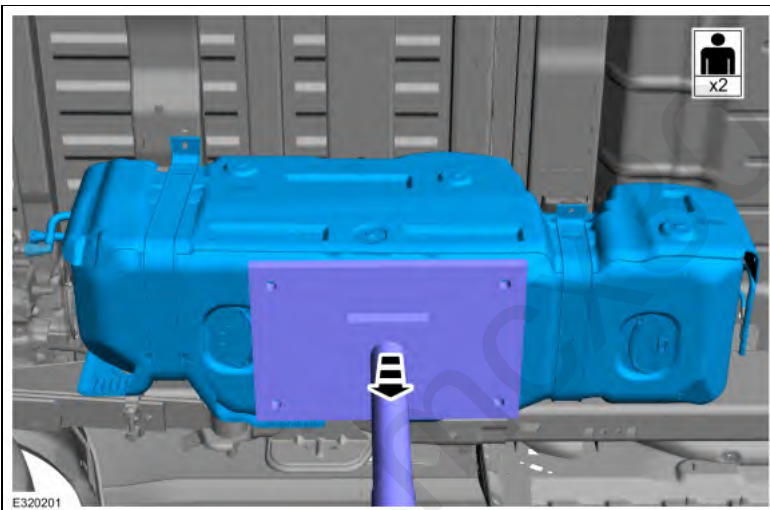


10. Disconnect the electrical connectors and quick release coupling.
Refer to: Quick Release Coupling (310-00A) .



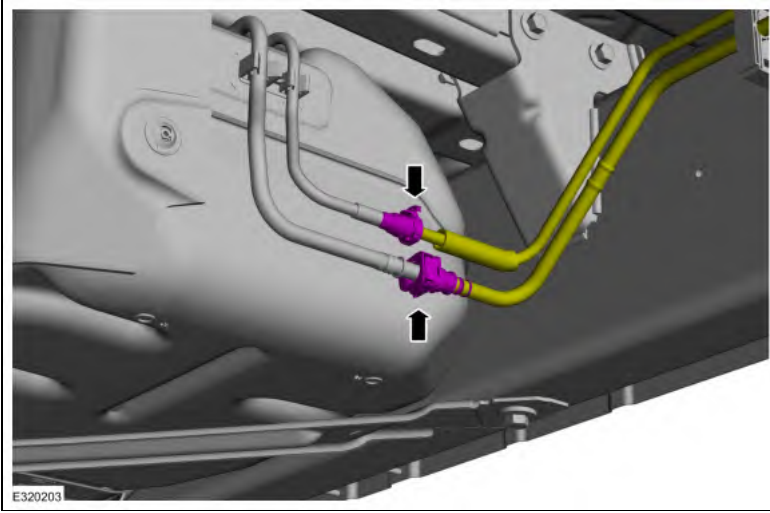
11. **NOTE:** An assistant is necessary for the support and removal of the hood.

Remove the fuel tank.

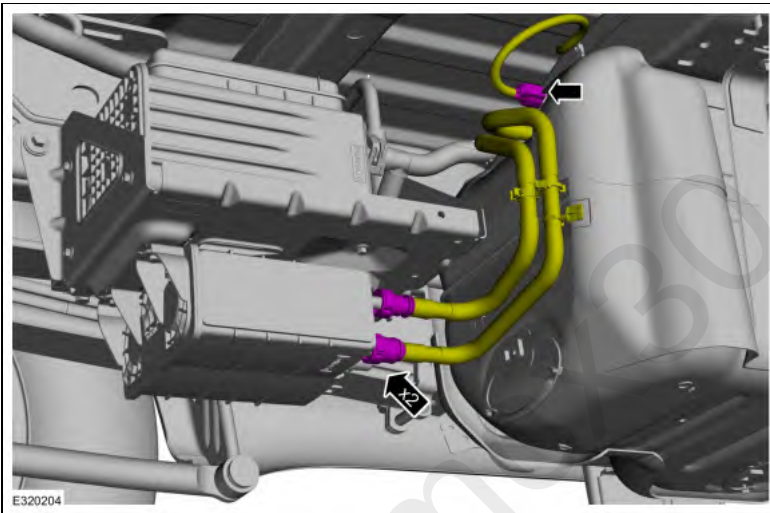


175 inch wheelbase

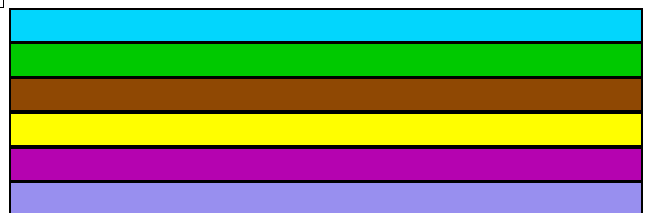
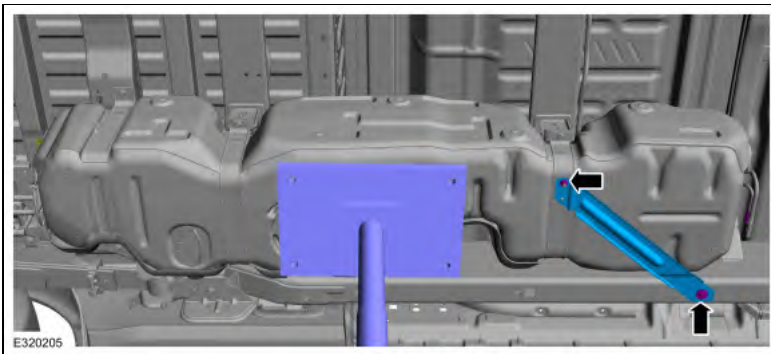
12. Disconnect the quick connectors.
Refer to: Quick Release Coupling (310-00A) .



13. Disconnect the electrical connector and quick release couplings.
 Refer to: Quick Release Coupling (310-00A) .



14. Remove the fuel tank supporting strap.
 Use the General Equipment: Transmission Jack
Torque:
 Bolt: 59 lb.ft (80 Nm)
 Nut: 22 lb.ft (30 Nm)

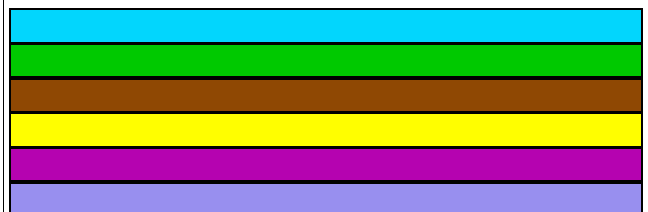


15. **NOTICE:** Do not apply open flame to the fuel tank strap bolts, use a magnetic induction tool to heat the fuel tank strap bolts.

NOTE: Use an Induction Innovations MD-700 Mini-Ductor II Magnetic Induction Heater Kit or equivalent.

NOTE: Adhesive is applied to threads on fuel tank strap bolts during manufacture.

Using a magnetic induction tool, apply heat for 20 seconds to each the fuel tank strap bolt to soften the adhesive, following the tool manufacturer's instructions.

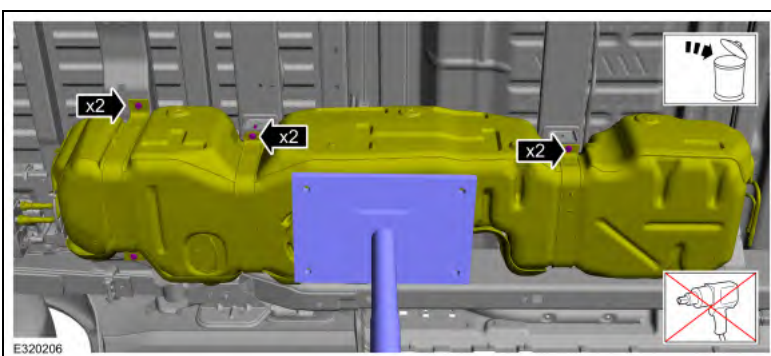


16. **NOTE:** New bolts must be installed.

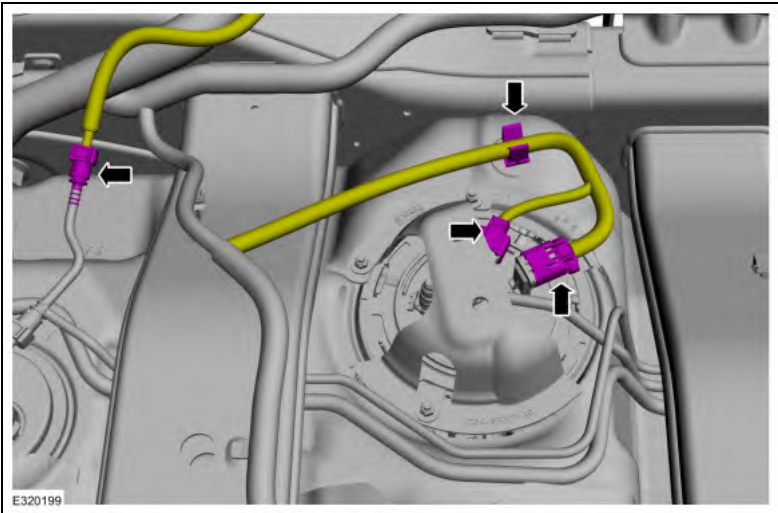
Heat the fuel tank strap bolts one at a time using a magnetic induction tool. Remove and discard the fuel tank strap bolts using hand tools and lower the fuel tank to access fuel vapor quick release coupling and electrical connectors.

Use the General Equipment: Transmission Jack

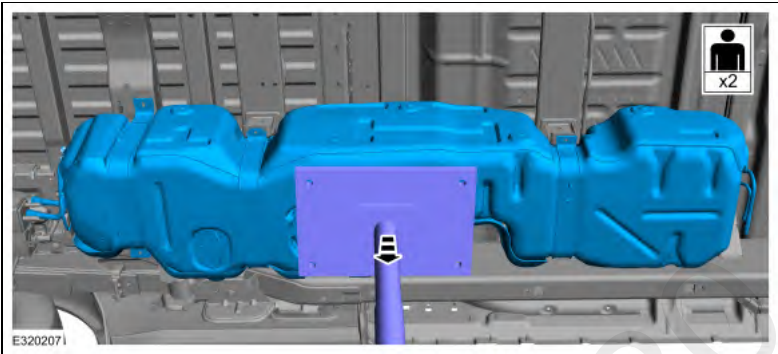
Torque: 30 lb.ft (40 Nm)



17. Disconnect the electrical connectors and quick release coupling.
Refer to: Quick Release Coupling (310-00A) .

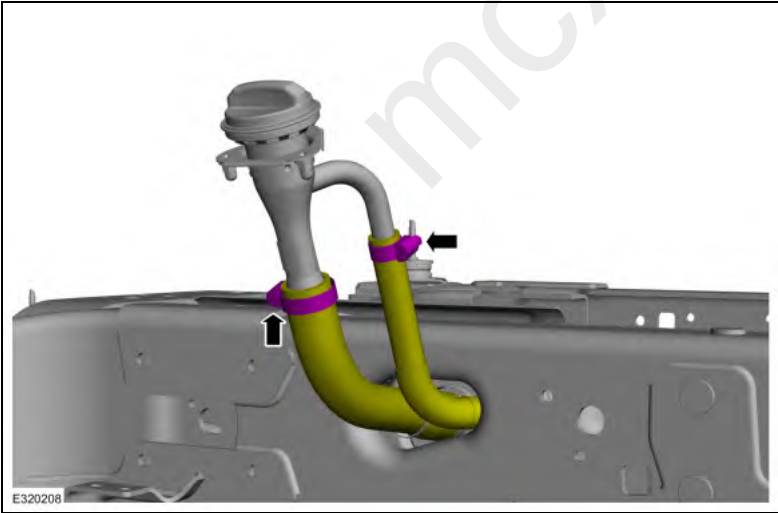


18. **NOTE:** An assistant is necessary for the support and removal of the fuel tank.
Remove the fuel tank.

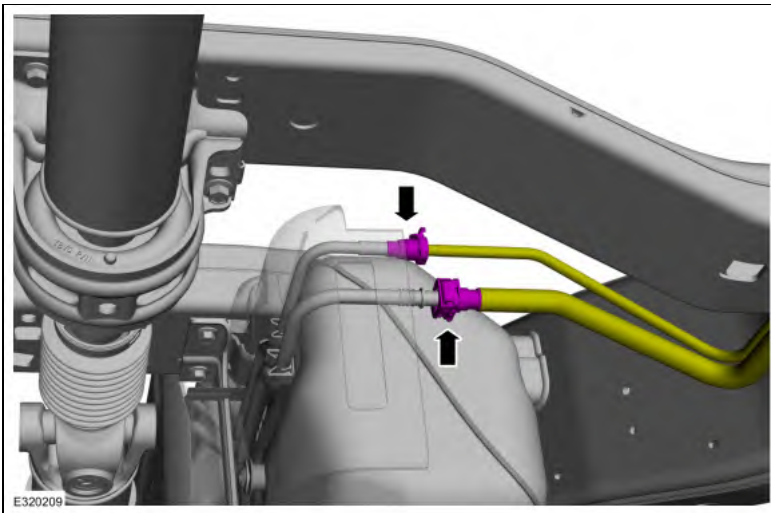


179 inch wheelbase

19. Remove the clamps.
Torque: 42 lb.in (4.8 Nm)



20. Disconnect the quick connectors.
Refer to: Quick Release Coupling (310-00A) .



21. **NOTICE:** Do not apply open flame to the fuel tank strap bolts, use a magnetic induction tool to heat the fuel tank strap bolts.

NOTE: Use an Induction Innovations MD-700 Mini-Ductor II Magnetic Induction Heater Kit or equivalent.

NOTE: Adhesive is applied to threads on fuel tank strap bolts during manufacture.

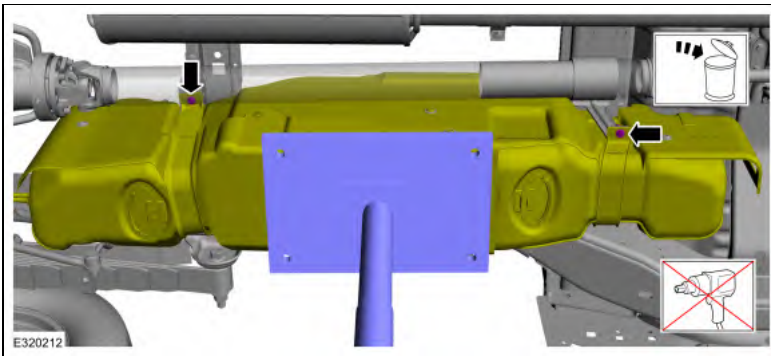
Using a magnetic induction tool, apply heat for 20 seconds to each the fuel tank strap bolt to soften the adhesive, following the tool manufacturer's instructions.



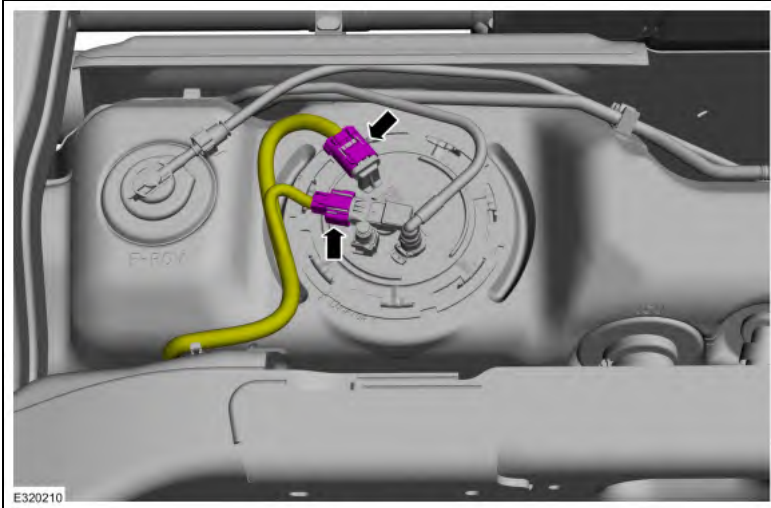
22. **NOTE:** New bolts must be installed.

Heat the fuel tank strap bolts one at a time using a magnetic induction tool. Remove and discard the fuel tank strap bolts using hand tools and lower the fuel tank to access fuel vapor quick release coupling and electrical connectors.

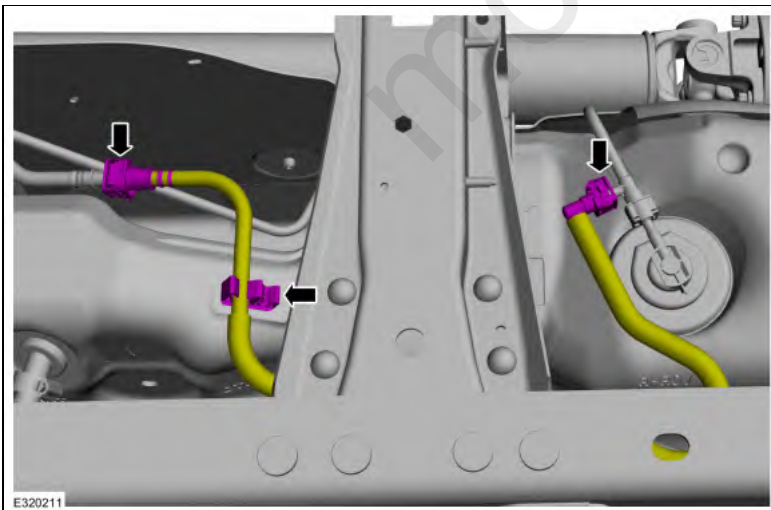
Use the General Equipment: Transmission Jack
Torque: 30 lb.ft (40 Nm)



23. Disconnect the electrical connectors.

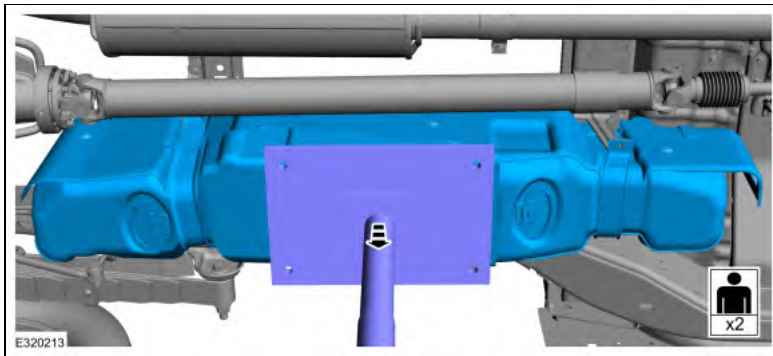


24. Disconnect the quick connectors and detach the retainer clip.
Refer to: Quick Release Coupling (310-00A) .



25. **NOTE:** An assistant is necessary for the support and removal of the fuel tank.

Remove the fuel tank.



Installation

- 1. To install, reverse the removal procedure.

mcx30.com