Fuel Tank - Vehicles With: Midship Fuel Tank

Special Tool(s) / General Equipment

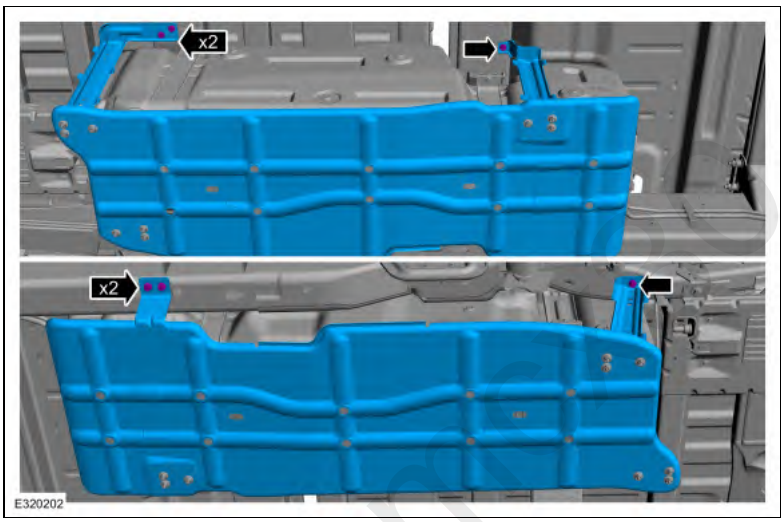
Transmission Jack

Removal

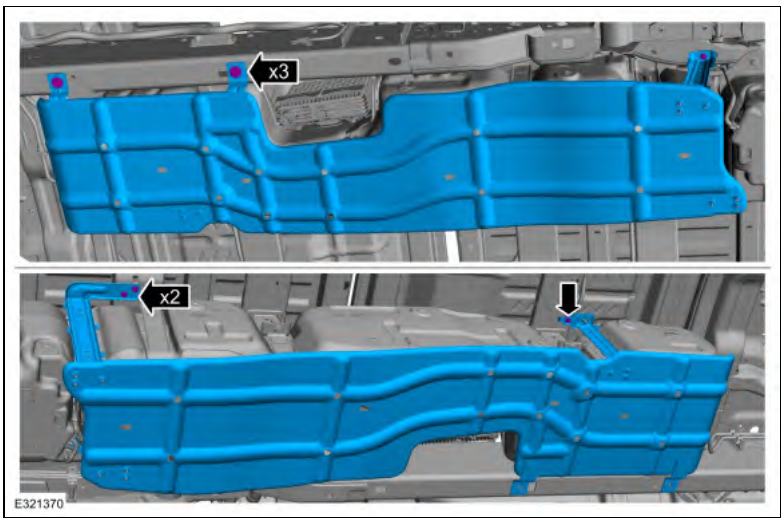
NOTE: *Removal steps in this procedure may contain installation details.*

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)

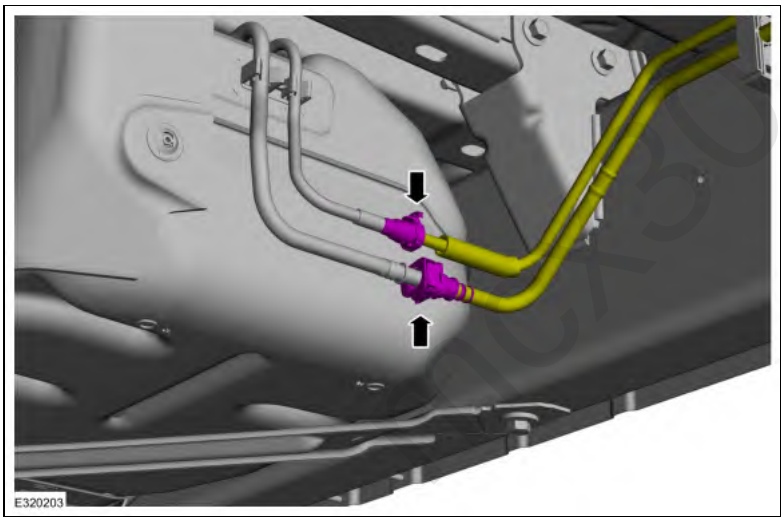


6. If equipped.
   Remove the bolts and the skid plate.
   Torque: 22 lb.ft (30 Nm)

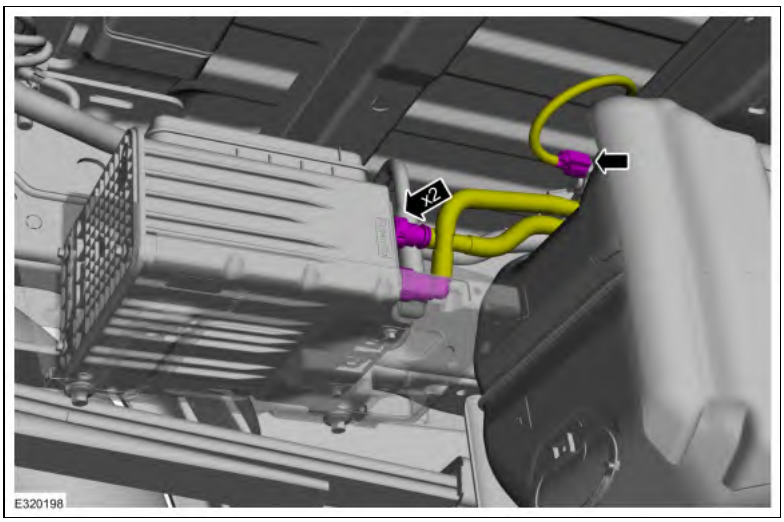


148 inch, 160 inch and 164 inch wheelbase

7. Disconnect the quick connectors.
   Refer to: Quick Release Coupling (310-00 Fuel System - General Information) .



8. Disconnect the electrical connector and quick release couplings.
   Refer to: Quick Release Coupling (310-00 Fuel System - General Information) .



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

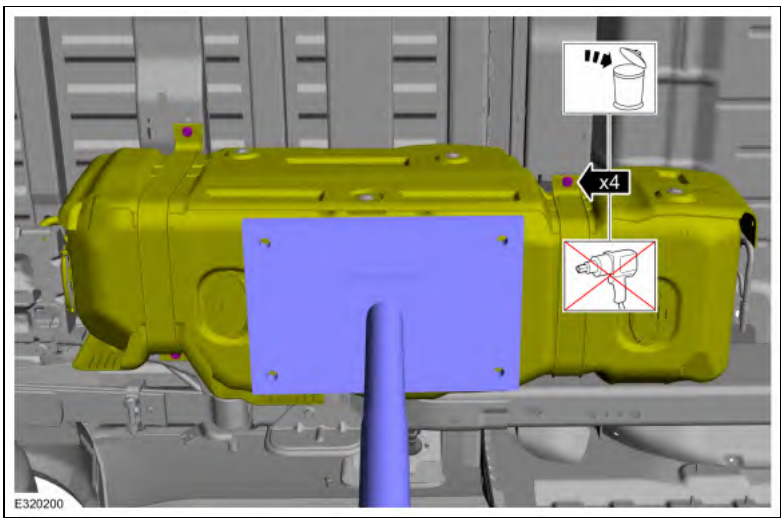
   NOTE: *Use an Induction Innovations MD-700 Mini-Ductor II Magnetic Induction Heater Kit or equivalent.*

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

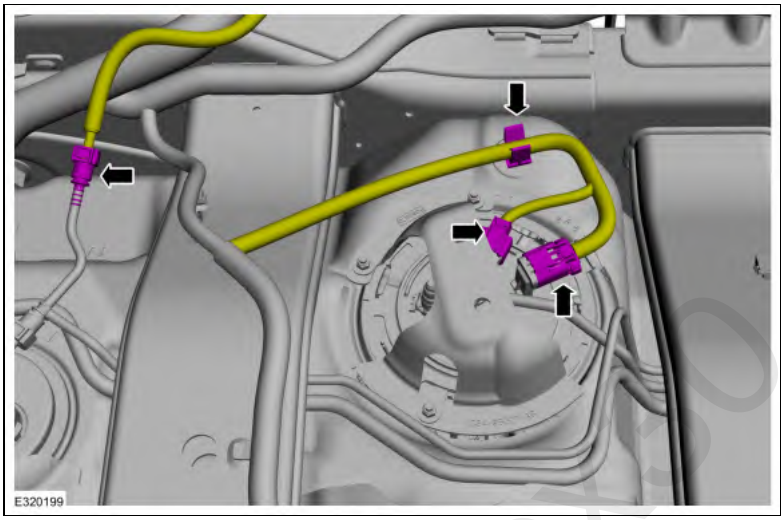
   Using a magnetic induction tool, apply heat for 20 seconds to each the fuel tank strap bolt to soften the adhesive, following the tool manufacturer's instructions.

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

    Using a suitable lifting and lowering tool, support the fuel tank. 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. Partially lower the fuel tank for access.
    Use the General Equipment: Transmission Jack
    Torque: 30 lb.ft (40 Nm)

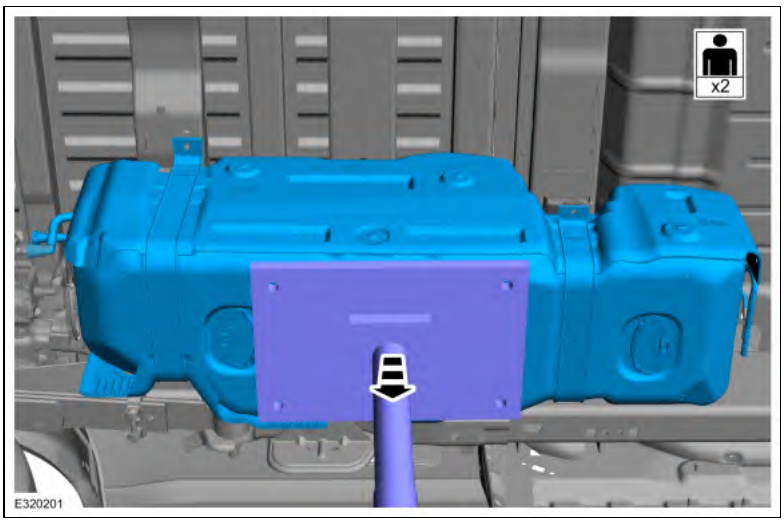


11. Disconnect the electrical connectors and quick release coupling.
    Refer to: Quick Release Coupling (310-00 Fuel System - General Information) .



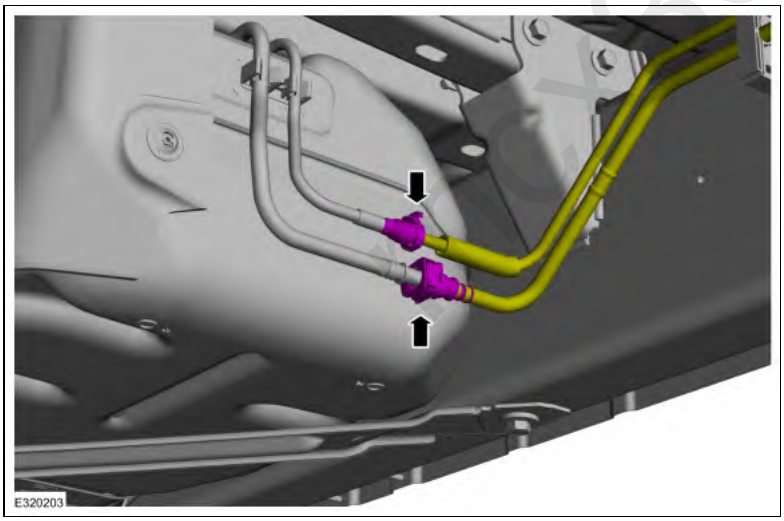
12. **NOTE:** *An assistant is necessary for the support and removal of the fuel tank.*

    Remove the fuel tank.

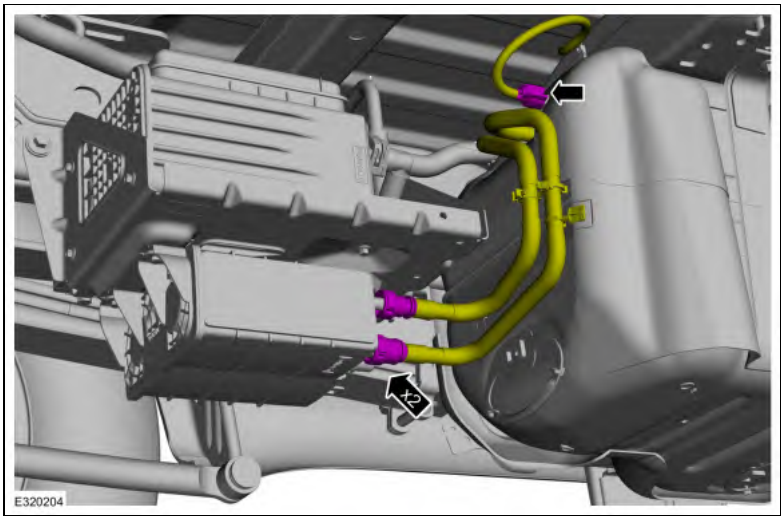


175 inch wheelbase

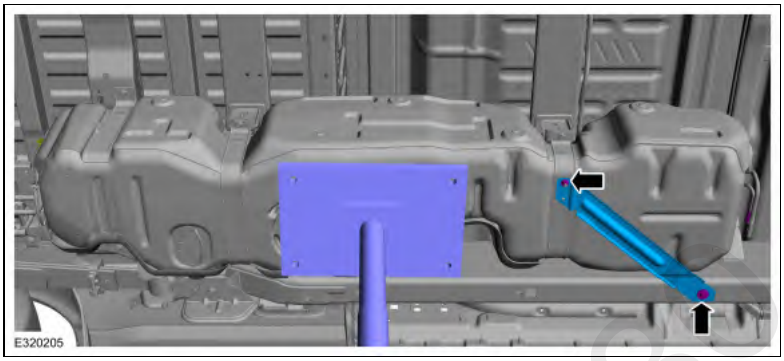
13. Disconnect the quick connectors.
    Refer to: Quick Release Coupling (310-00 Fuel System - General Information) .



14. Disconnect the electrical connector and quick release couplings.
    Refer to: Quick Release Coupling (310-00 Fuel System - General Information) .



15. 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)



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

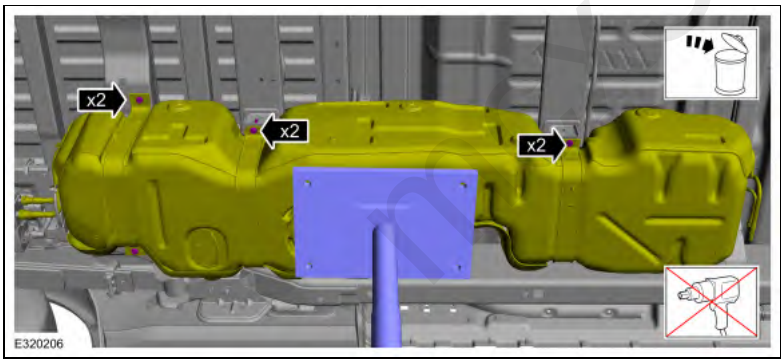
    NOTE: *Use an Induction Innovations MD-700 Mini-Ductor II Magnetic Induction Heater Kit or equivalent.*

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

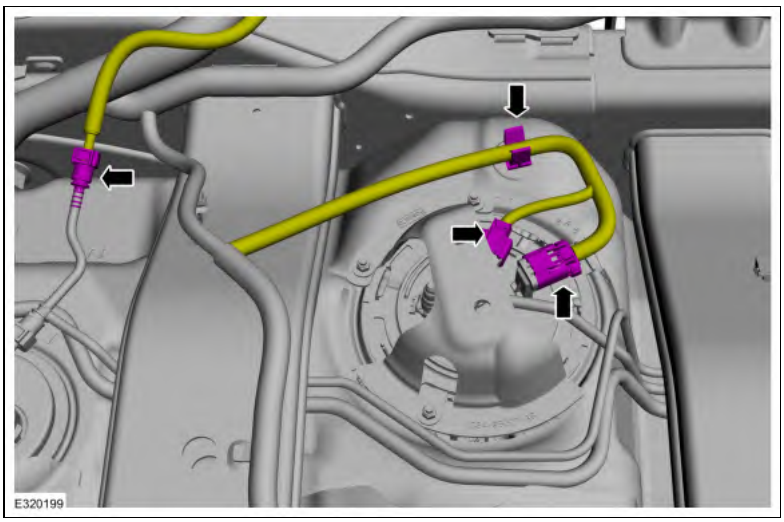
    Using a magnetic induction tool, apply heat for 20 seconds to each the fuel tank strap bolt to soften the adhesive, following the tool manufacturer's instructions.

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

    Using a suitable lifting and lowering tool, support the fuel tank. 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. Partially lower the fuel tank for access.
    Use the General Equipment: Transmission Jack
    Torque: 30 lb.ft (40 Nm)

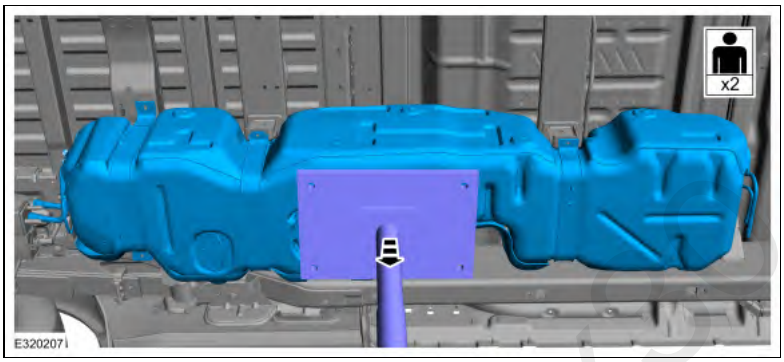


18. Disconnect the electrical connectors and quick release coupling.
    Refer to: Quick Release Coupling (310-00 Fuel System - General Information) .



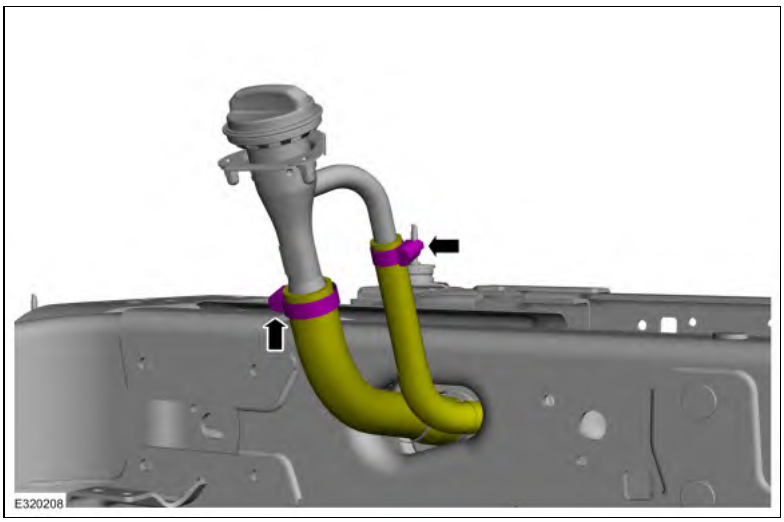
19. **NOTE:** *An assistant is necessary for the support and removal of the fuel tank.*

    Remove the fuel tank.

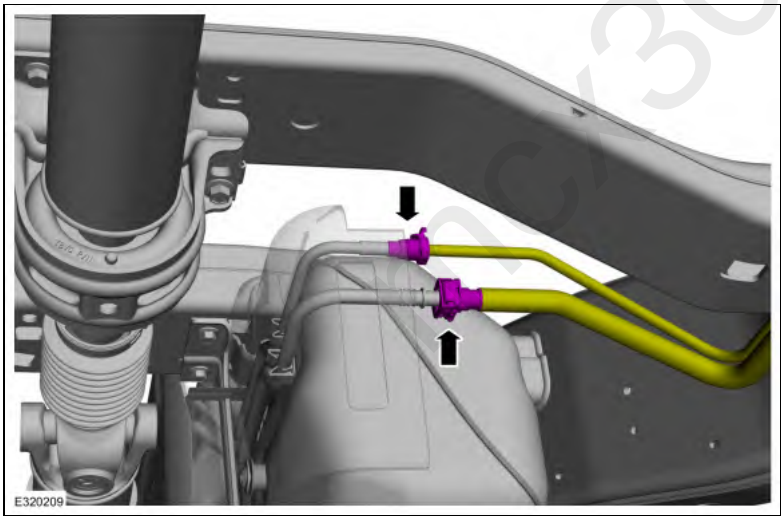


192 inch wheel base

20. Disconnect the clamps.
    Torque: 42 lb.in (4.8 Nm)



21. Disconnect the quick connectors.
    Refer to: Quick Release Coupling (310-00 Fuel System - General Information) .



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

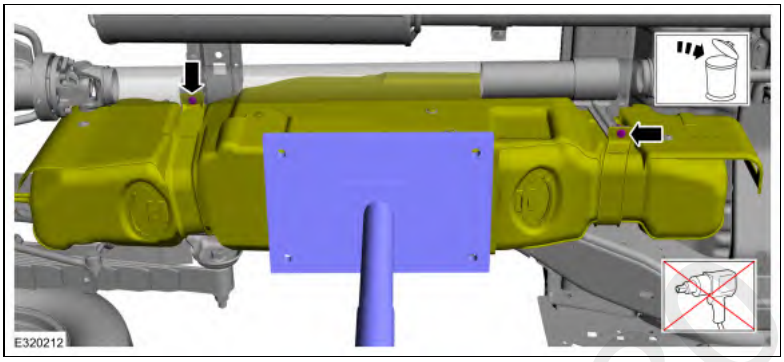
    NOTE: *Use an Induction Innovations MD-700 Mini-Ductor II Magnetic Induction Heater Kit or equivalent.*

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

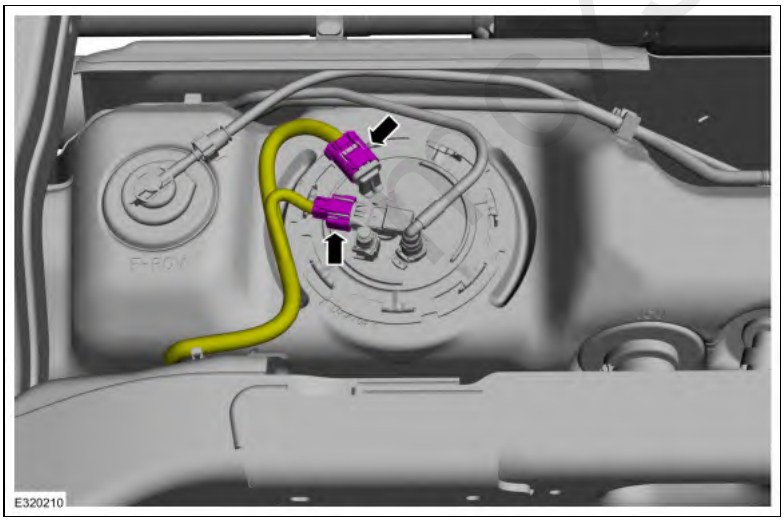
    Using a magnetic induction tool, apply heat for 20 seconds to each the fuel tank strap bolt to soften the adhesive, following the tool manufacturer's instructions.

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

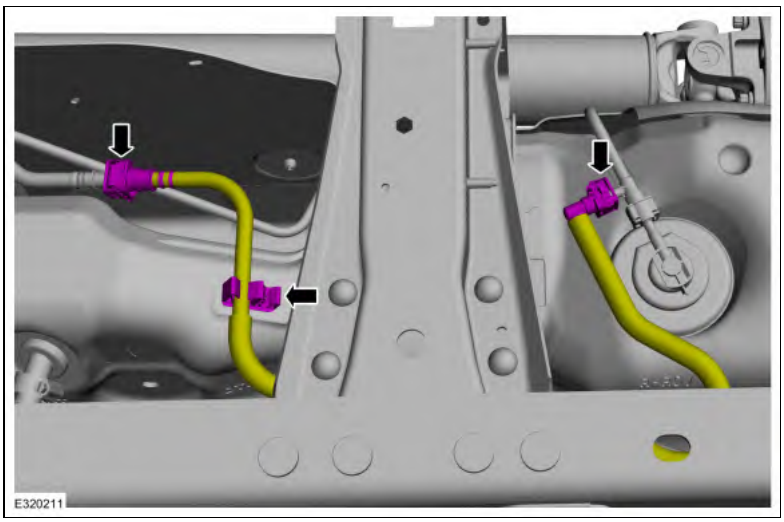
    Using a suitable lifting and lowering tool, support the fuel tank. Heat the fuel tank strap bolts one at a time using a magnetic induction tool. Remove and discard the fuel tank strap bolts using hand tools. Partially lower the fuel tank for access.
    Use the General Equipment: Transmission Jack
    Torque: 30 lb.ft (40 Nm)



24. Disconnect the electrical connectors.

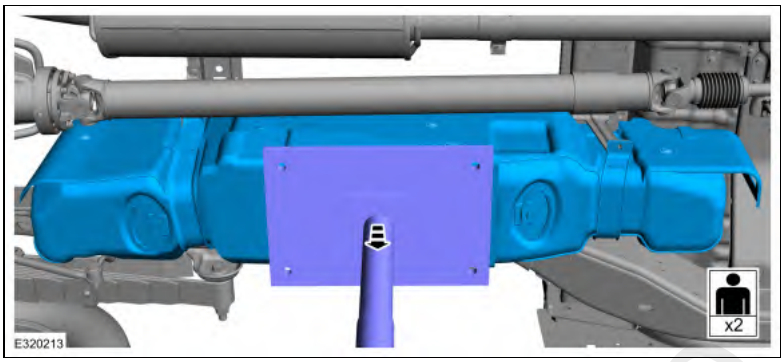


25. Disconnect the quick connectors and detach the retainer clip.



26. **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.