REMOVAL AND INSTALLATION

Fuel Tank

Removal

⚠️ WARNING: Do not smoke or carry lighted tobacco or open flame of any type when working on or near any fuel related component. Highly flammable mixtures are always present and may be ignited, resulting in possible personal injury.

⚠️ WARNING: Fuel in the fuel system remains under high pressure even when the engine is not running. Before servicing or disconnecting any of the fuel system components, the fuel system pressure must be relieved to prevent accidental spraying of fuel, causing personal injury or a fire hazard.

⚠️ WARNING: The electrical power to the air suspension system must be shut off prior to hoisting, jacking or towing an air suspension vehicle. This can be accomplished by turning the air suspension switch located in the luggage compartment on the LH side to the off position. Failure to do so may result in unexpected inflation or deflation of the air springs which may result in shifting of the vehicle during these operations.

1. Release the fuel system pressure. For additional information, refer to Section 310-00A.

2. Remove the fuel tank filler pipe. For additional information, refer to Fuel Tank Filler Pipe in this section.

3. Disconnect the fuel pump connector located above the No. 4 crossmember.

4. Disconnect the push-connect fuel line fittings. For additional information, refer Section 310-00A.

5. Disconnect the vapor tube from the tee on the RH side of vehicle.

6. Disconnect the vapor tube from the canister tube.

7. Position a safety support under the fuel tank.
REMOVAL AND INSTALLATION (Continued)

8. Remove and discard the nuts, and swing the fuel tank support strap away from the fuel tank.

9. Lower the fuel tank.
10. Remove and discard the fuel tank mounting studs.

Installation

1. **NOTE:** If the tank is being replaced, the vapor control valve and fuel pressure transducer can be reused on the new tank.
   Position the fuel tank in the vehicle.

2. Position the fuel tank support strap, install the new studs and tighten the new stud nuts.

3. Break off the stud shanks.

4. Connect the vapor canister tube and install a new clamp.

5. Connect the vapor tube to the tee. For additional information, refer to Section 310-00A.
REMOVAL AND INSTALLATION (Continued)

6. Connect the push connect fuel line fitting. For additional information, refer to Section 310-00A.

7. Connect the fuel pump connector located above the No. 4 crossmember.

8. Install the fuel tank filler pipe. For additional information, refer to Fuel Tank Filler Pipe in this section.