

Fuel Lines

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: Before working on or disconnecting any of the fuel tubes or fuel system components, relieve the fuel system pressure to prevent accidental spraying of fuel. Fuel in the fuel system remains under high pressure, even when the engine is not running. Failure to follow this instruction may result in serious personal injury.



WARNING: When handling fuel, always observe fuel handling precautions and be prepared in the event of fuel spillage. Spilled fuel may be ignited by hot vehicle components or other ignition sources. 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.

1. With the vehicle in NEUTRAL, position it on a hoist. For additional information, refer to [Section 100-02](#).
2. Release the fuel system pressure. For additional information, refer to [Section 310-00](#).
3. Disconnect the battery ground cable. For additional information, refer to [Section 414-01](#).
4. Remove the LH front tire and wheel. For additional information, refer to [Section 204-04](#).
5. Remove the LH front splash shield. For additional information, refer to [Section 501-02](#).
6. Disconnect the fuel jumper tube-to-front fuel tube spring lock coupling. For additional information, refer to [Section 310-00](#).
7. Remove the bolt and the fuel tube bundle bracket.
 - To install, tighten to 8 Nm (71 lb-in).
8. Remove the 2 fuel tube bundle shield bolts.
 - To install, tighten to 5 Nm (44 lb-in).
9. Remove the 2 fuel tube bundle shield nuts.
 - To install, tighten to 5 Nm (44 lb-in).
10. Remove the pin-type retainer and the fuel tube bundle shield.
11. Remove the fuel tube bundle pin-type retainer.
12. Disconnect the front fuel tube-to-fuel filter quick connect coupling. For additional information, refer to

[Section 310-00](#).

13. **NOTE:** Some residual fuel may remain in the fuel tubes. Upon removal, carefully drain into a suitable container.

Remove the front fuel tube.

14. Disconnect the rear fuel tube-to-fuel filter quick connect coupling. For additional information, refer to [Section 310-00](#).

15. Remove the nuts and the 2 fuel tube bundle retainers.

- To install, tighten to 5 Nm (44 lb-in).

16. Remove 2 nuts, 1 bolt and the LH fuel tank deflector.

- To install, tighten to 25 Nm (18 lb-ft).

17. Remove the rear seat cushion. For additional information, refer to [Section 501-10](#).

18. Remove the Fuel Pump (FP) module access cover.

19. Disconnect the rear fuel tube-to- **FP** module quick connect coupling. For additional information, refer to [Section 310-00](#).

20. **NOTE:** Some residual fuel may remain in the fuel tubes. Upon removal, carefully drain into a suitable container.

Remove the rear fuel supply tube.

21. **NOTE:** Make sure the fuel tubes are completely seated and that the quick connect couplings are locked correctly in place. Pull on the tube to make sure it is fully seated. Upon completion, pressurize the system and check for leaks.

To install, reverse the removal procedure.
