

Fuel Tank and Lines - Overview

Gasoline Engines

The gasoline fuel system contains:

- a fuel tank. There are 2 types available:
 - a midship fuel tank (mounted to the LH frame side rail).
 - an aft-of-axle fuel tank (mounted between the side rails).
- a fuel tank filler pipe which contains a restrictor plate to permit only unleaded fuel to be pumped into the fuel tank.
- a one-fourth turn fuel tank filler cap.
- fuel and vapor tubes.
- a Fuel Pump (FP) which provides pressurized fuel to the engine and has:
 - a serviceable fuel sender.
 - an inlet filter
 - a check valve which maintains system pressure after the FP is shut off.
 - a pressure relief valve for overpressure protection in the event of restricted flow.
 - lifetime fuel filter (serviced as part of the FP module).
- a Fuel Pump Control Module.

The fuel tank stores the liquid fuel. The fuel pump module is controlled by the PCM through the fuel pump control module. The fuel pump provides fuel to the fuel rail through the fuel supply tube. Vapor tubes route fuel vapor to the EVAP canister and the intake manifold through the EVAP canister purge valve.