

Fuel System Monitor

The fuel system monitor is an on board strategy designed to monitor and detect concerns within the fuel control system and its components. The fuel control system uses fuel trim tables to compensate for the variability that occurs in fuel system components due to normal wear and aging. During certain driving conditions the PCM cycles the fuel pump on and off for testing purposes and is considered normal operation. The following functional checks and component monitors are executed during the fuel system monitor:

- fuel rail pressure (FRP) sensor circuit check
 - FRP operation monitor
 - FRP functional check
 - fuel volume control valve operation monitor
 - fuel pressure control valve operation monitor (F-150, F-650 / F-750, F-Series Super Duty)
 - fuel injector driver operation monitor
 - fuel injector circuit check
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