

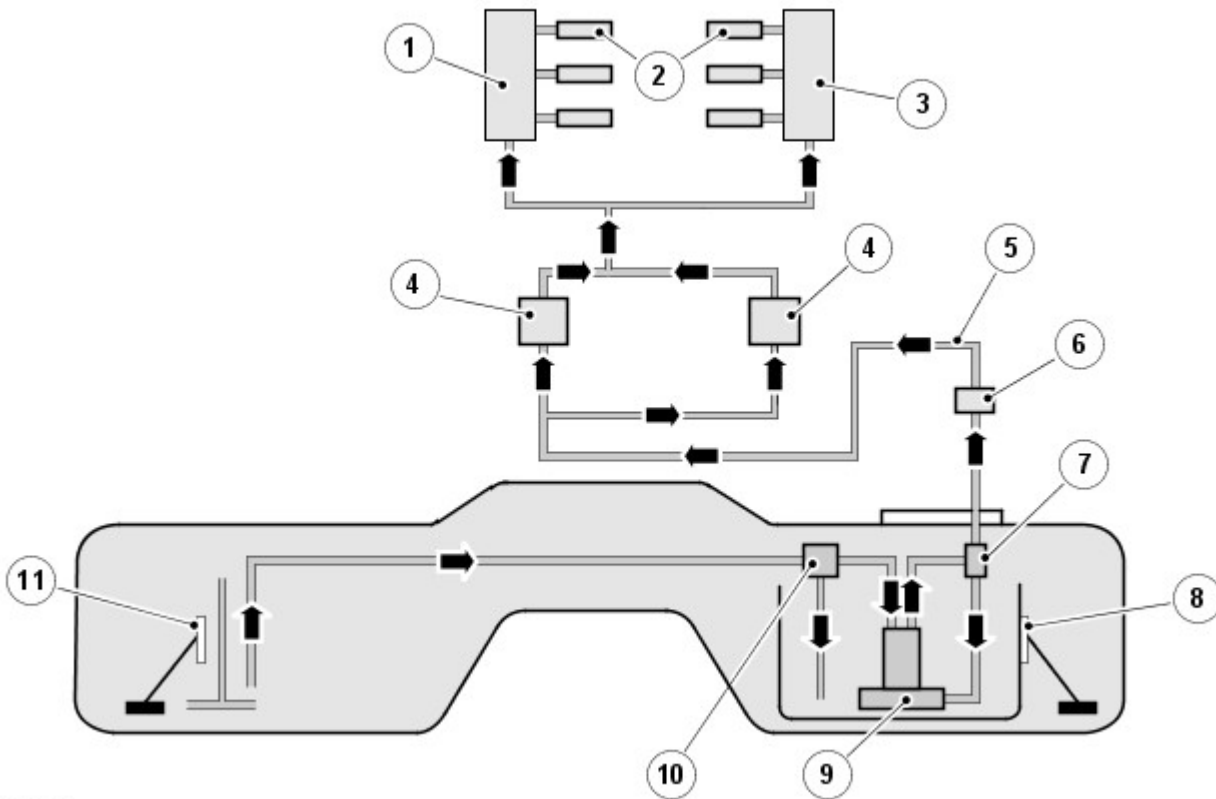
When the fuel level becomes low, a fuel warning lamp in the IC is illuminated and a message is displayed. When the fuel level becomes too low, the IC sends a message to the ECM via the gateway Module to the HS (High Speed) CAN Powertrain bus so that the low fuel strategy can be implemented.

Low Fuel Strategy

The ECM is programmed with a strategy which shuts the engine off before the fuel tank runs dry. This is to prevent fuel system damage by air being drawn into the HP fuel pump.

To reset the fuel strategy after engine shutdown, it is required that a minimum of 4 liters of fuel is added to the fuel tank, when the vehicle is on level ground.

Fuel System Flow Schematic



E150077

Item	Description
1	Left High Pressure (HP) fuel rail
2	Fuel Injector (6 Of)
3	Right High Pressure (HP) fuel rail
4	High Pressure (HP) fuel pump (2 Of)
5	Fuel delivery line
6	Low Pressure (LP) fuel sensor
7	Pressure Relief Valve (PRV)
8	Active side fuel level sensor
9	Low Pressure (LP) fuel pump
10	Jet pump
11	Passive side fuel level sensor

INPUT/OUTPUT DIAGRAM