

PRODEMAND

YMMS: 1995 Chevrolet Forward Control P30
Engine: 6.5L Eng
VIN:

Oct 17, 2021
License:
Odometer:

FUEL SYSTEM

Question: Fuel Control

FUEL SYSTEM > FUEL DELIVERY

Pickup vehicles use an electric pump mounted on the left frame rail. Van models use a mechanical pump mounted on right side of engine. Pump pulls fuel from the fuel tank through a primary filter. The fuel is then pumped through a secondary filter, mounted on firewall (Pickups) or rear of air cleaner (Vans), and to the injection pump.

The diesel engine uses a mechanical, high pressure rotary diesel injection pump, which is gear-driven by camshaft at camshaft speed. Pump injects a precisely metered amount of fuel to each cylinder based on inputs from the PCM at the proper time.

High pressure fuel lines carry the fuel to an injection nozzle in each cylinder. All fuel lines are the same length to ensure no variance in timing. An electric fuel solenoid controls engine RPM. As the Accelerator Pedal Position (APP) sensor is pressed down, control module operates fuel solenoid through fuel solenoid driver to allow increased fuel delivery.