



**Diesel  
Engine  
Service**

## OPERATION MANUAL

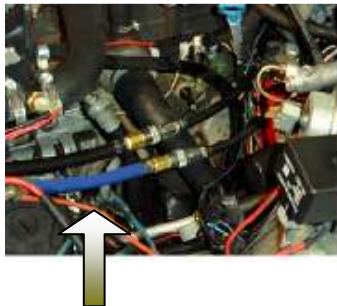
The Diesel Engine Service is designed to clean the fuel system on diesel engines without mechanical strip down of diesel injectors or pump. Performing a diesel fuel system flush is easier than ever.

A cleaning fluid is circulated through the fuel system, while the vehicle is running. This process isolates the injector pump, lines and injectors, allowing the cleaning fuel to remove varnish, gum, carbon and other contaminants from the complete fuel system and combustion chamber.



### CONNECT MACHINE TO VEHICLE

- Disconnect fuel supply line before the injector pump (NOTE: Preferably bypass the fuel filter – going through the fuel filter will dilute the cleaning fuel with the diesel fuel in the fuel filter)
- Connect the required adapter hose, then the supply line from the Diesel Engine Service machine (blue line)



- Disconnect the return line which returns the fuel back to the fuel tank



- Connect the required adapter hose – then the return line from the Diesel Engine service Machine (black line)
- Fill the machine with fluid
- Connect the 12-volt power supply to the vehicle's battery (NOTE: Before connecting power cord to battery, make sure the power switch is turned off)
- Turn on the pump switch
- The pump will start circulating the cleaning fuel
- Check for leaks on vehicle's return and supply connectors
- Set the pressure between 6 – 10 psi with the flow valve on the machine (+ to increase –to decrease)
- Start the engine and if possible set the rpm to 1,000 – 1,500 (NOTE: If the engine fails to start, bleeding the fuel system may be necessary) When 10 –15 minutes are up the cleaning fuel should almost be depleted the light will come on
- Turn off vehicle
- Turn off pump switch
- Disconnect the power cord from the battery
- Uncouple the quick connectors from the hose adapters
- Disconnect hose adapters from supply and return lines
- Reconnect the vehicle's supply and return lines
- Start the vehicle
- Check for leaks

Technical Support Line 1-888-467-4142