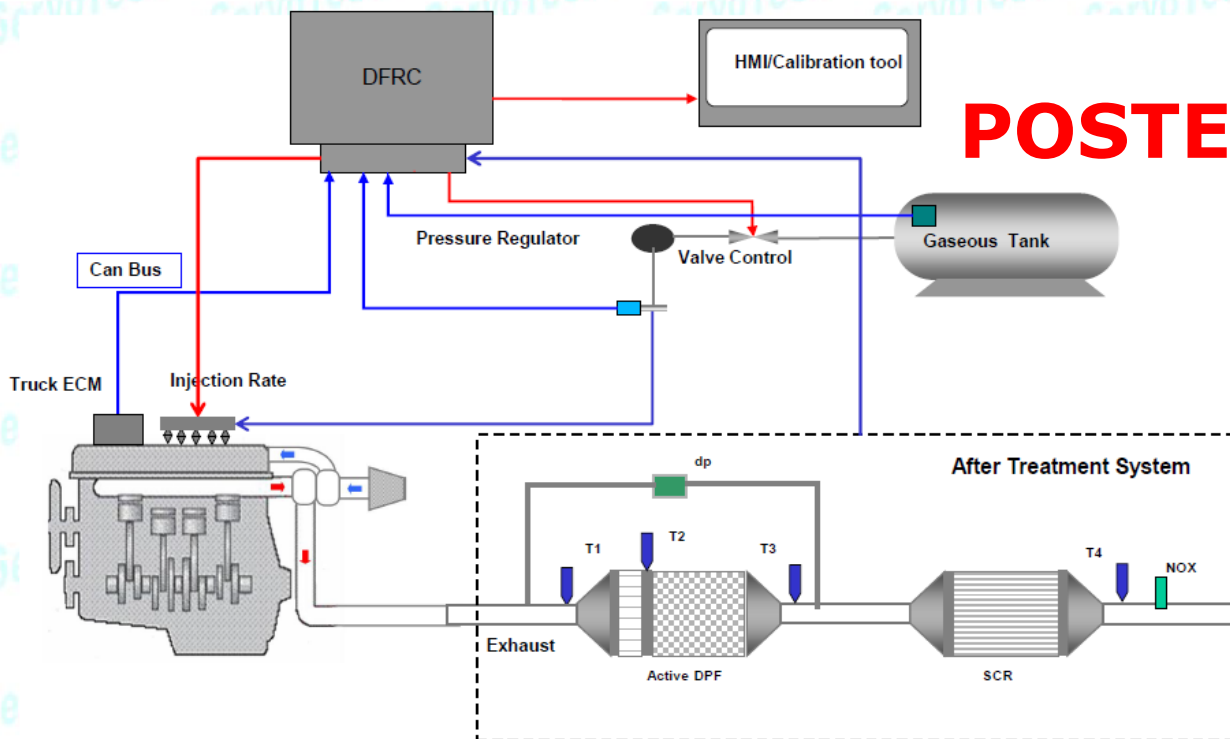




A Universal Dual-Fuel Controller for OEM/Aftermarket Diesel Engines with Comprehensive Fuel & Emission Control

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Objectives:

- A. Control both fuel and emissions of Dual-Fuel systems under all operating conditions.
Dual-Fuel = Diesel/Gaseous Fuel mixture (CNG/LNG/LPG)
- B. Reduce diesel consumption using a simple, low cost, Dual-Fuel system with a smaller size NOx / PM aftertreatment system; compliant with EPA/CARB.

Technology

- Precise Control of Dual-Fuel Ratio
- Diesel and CNG/LNG/LPG
- Sequential Fuel Injection (SFI); Applicable for Common Rail Engines
Up to ten cylinders
- Dual-Fuel emission control; EPA/CARB compliant
- Aftertreatment Control:
SCR, DPF, HC-SCR, Additives, NOx Monitoring
- Communication with engine ECU via J1939 or other protocols
- OBD-compliant Diagnostics & Safety Features
- PC Based Calibration tools
- Fleet Monitoring & Data Logging

