

DEMONSTRATION BOARD OF CRDI ENGINE

MODEL: AUTO05



FEATURES

- Compact, comprehensive, sturdy design
- Easy to understand layout with mimic diagram

DESCRIPTION

The system is designed for students to study CRDI System of a diesel engine of an automobile. Manufacturer's original components are mounted on a panel with nomenclature to every component. Actual engine is not supplied with this.

Optionally, for ease of understanding, sequence of CRDI sensors is explained using a simulator. Lamp glows when a sensor senses its parameter under simulated condition.

Optionally a motor driven system can be added to demonstrate fuel delivery system

INSTRUCTION MANUAL

Self-explanatory operating manuals are provided with each system. Detailed theory as well as practical exercises is also included in the manual

COMPONENTS

- Air Pressure Sensor
- Camshaft Position Sensor
- Crankshaft Sensor
- Engine Controller
- Fuel Injector and Rail Assembly
- Fuel pressure Sensor
- Rail Pressure regulator
- Sensor Assembly MAF
- Speed Sensor Assembly
- Water Temperature Sensor

OPTIONAL ADDITIONAL

- Fuel delivery system consisting of,
 - 1) Small fuel tank
 - 2) Fuel pump
 - 3) Distributor
 - 4) Common rail with fuel injector
 - 5) Piping
 - 6) Ignition key
- CRDI Sequence simulator



NiYo Engineers

Unit 1B, Devgiri Industrial Estate, S. No. 17/1B Plot No. 14, Kothrud, Pune 411 029
INDIA, Tel-91 20 2546 5004, 2546 8051, 2546 7296 Telefax - 91 20 2546 8051
e-mail- sales@niyoindia.com Web: www.niyoindia.com



- (1) Since research and development is an on-going activity, the specifications mentioned herein are subject to change without notice
- (2) Photographs are indicative only