



General Specifications

- **Chassis Type:** Multi-point electronic injection system for educational purposes
- **Engine:** 4-stroke petrol engine, 4 cylinders, 2000 cc displacement
- **Gearbox:** 5 speeds + reverse
- **Differential:** Hypoid crown wheel and pinion
- **Camshaft:** Twin overhead camshaft driven by a toothed belt
- **Ignition:** Electronic ignition system
- **Braking System:** Dual braking circuit
- **Steering:** Rack steering box
- **Suspension:** Rear leaf spring suspension
- **Lighting System:** Integrated working front and rear lights, controlled by dashboard for demonstrations
- **Chassis Model:** Cutaway model, sectioned and painted in different colors to distinguish various parts and cross-sections
- **Dimensions:** Not specified; designed for educational settingsa

Functional Components

- **Fuel Injection System:**

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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- Simulates multi-point fuel injection
- Allows study of fuel delivery and injection timing
- **Sensors Included:**
 - Throttle Position Sensor (TPS)
 - Acceleration Pedal Position Sensor (APP)
 - Lambda Sensor (O2)
 - Manifold Absolute Pressure (MAP) Sensor
 - Coolant Temperature Sensor

Control and Simulation Features

- **ECU (Engine Control Unit):**
 - Manages ignition and injection control
- **Simulation Capabilities:**
 - Demonstrates injection system behavior under different conditions (e.g., cold start, warm start)
 - Enables fault simulation for troubleshooting practice

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