

Delphi YDT-35 Common Rail Injector Function Tester.

**Go? No Go? Simple, Low Cost
Diagnostic Capability for Common
Rail Injectors.**



What It Does.

Specifically designed by Hartridge for garages and entry-level workshops, Delphi's YDT-35 gives technicians the ability to troubleshoot faulty injectors and determine which need to go to the repair network for service. Complementing the existing Delphi on-vehicle test solutions for Common Rail injectors, the machine is the first step in the diagnostics process. It combines an electrical injector test with visual spray pattern checks, to identify individual injectors that have failed. So from now on, only faulty injectors need to be sent for repair, delivering a wider and more controlled stream of work to the authorised network, as well as providing another profitable service opportunity for garages and workshops.

Key Functionality.

- ▶ Tests diesel injector types from major manufacturers:
 - > Delphi, Denso, and Bosch solenoid.
 - > Denso, Bosch, and Continental Piezo.
 - > Bosch CRIN and Denso Heavy Duty adapters (optional).

Benefits to the Technician.

- ▶ Simple, low cost, all makes diagnostic solution for Common Rail injectors.
- ▶ Identifies failed injectors so only faulty components need to be replaced saving you and your customers time and money.
- ▶ Facilitates a wider and more controlled stream of work to the authorised network.
- ▶ Rapid test cycle (under five minutes) for quicker diagnostics.
- ▶ Compatible with solenoid Common Rail injectors from Delphi, Denso and Bosch as well as piezo equivalents from Denso, Bosch and Continental for extensive system coverage.
- ▶ User-friendly guided operation to assist you in your diagnosis.
- ▶ Easy fixtures with a comprehensive range of optional adapters.

- ▶ Electrical injector tests:
 - > Resistance.
 - > Inductance.
 - > Capacitance.
- ▶ Nozzle spray-pattern visual observation.
- ▶ Back leak measurement (optional).

Technical Specifications

- Test bench for single CRi injector.
- Max Pressure 1000 BAR.
- Single acting pneumatic pump.
- Semi-automatic operation.
- Clear protective cover and cut-off switch.
- Manually adjustable pressure control.
- Generic injector profiles (Coil & Piezo).
- Testing phase per injector <5 mins.
- Repeatable & accurate measurement.
- Electrical tests:
 - > Capacitance
 - > Inductance
 - > Resistance
- Nozzle Spray Test – visual check.
- Back leak measurement (optional).
- Optional adapters for:
 - > Bosch CRIN
 - > Denso HD

How to Use the YDT-35.

- 1 Remove injectors from the engine.
- 2 Place on YDT-35.
- 3 Conduct electrical tests.
- 4 Conduct spray test.
- 5 Send failed injectors to an authorised Diesel Repair Centre.
- 6 Re-fit all repaired injectors to engine.
- 7 Satisfy your customer and save money.





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