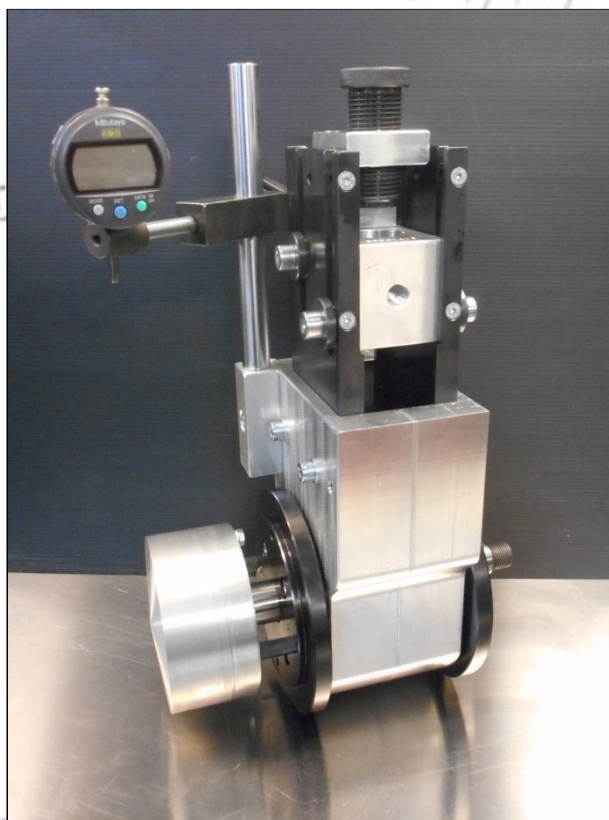


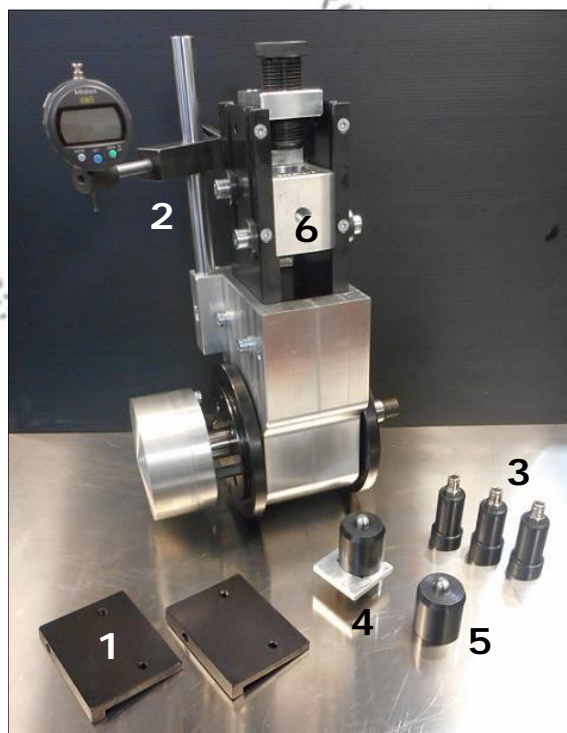
## CAM-BOXES FOR UNIT INJECTORS



Cam-Box 555-24N can be used to test **PLD-PDE-EUI-PPD-EUP-Cummins-Detroit-Caterpillar** unit injectors and other similar systems consisting of a pump unit and an injector unit combined in a single assembly or separate; however, they are alternately driven by an eccentric cam. The Cam-Box reproduces the mechanical, electrical and hydraulic operating conditions by means of a positioning device that communicates with the electronic device connected to it (*Corona Diesel 555-8G/N Electronic Reading Unit or Simulator*).

The block supplied or available as an optional accessory (depending on the type of system) and the injection device to be tested are easy to insert thanks to the guides, manual locks and quick hydraulic connections. For smaller unit injectors with a lower pumping capacity it is not necessary to replace the drive axle since the lift is adjusted by an appropriate compensation device.

The rotating parts of the Cam-Box and of the pump under examination are lubricated by a highly efficient hydraulic oil, the level and temperature of which can be seen on the indicator; this makes it possible to identify any contamination of the test oil that may be caused by poor sealing or temperature rises from excessive friction generated by mechanical causes. The substances used to lubricate the kinematic components of the entire equipment and the system under examination are contained inside the box made of a light alloy; also, for increased safety: the covers-deflectors prevent any lubricant leakage.



### **SUPPLIED ACCESSORIES:**

- 1) Bracket kit for PLD system block insertion;
- 2) Comparator mount for phase adjustment;
- 3) Injection flow rate detection connections;
- 4) Spring compensator (for unit injectors type PDE80-PPD-Land Rover Discovery,etc..);
- 5) Fixed compensator (for unit injectors type PDE-PLD-A3-E1-E3-Caterpillar,ecc...);
- 6) Adapter for unit injector type Bosch PDE1000
- 7) General unit injector cable

### **ACCESSORIES AVAILABLE ON REQUEST:**



DIGITAL DIAL INDICATOR

Code: 543-390B

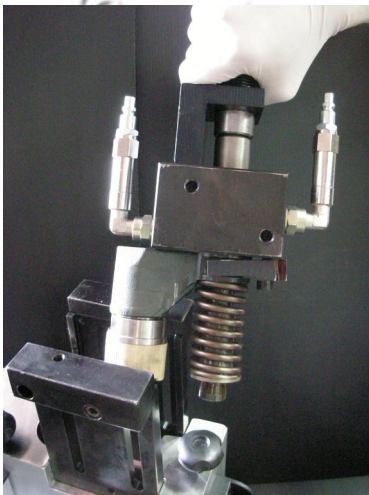
## ADAPTERS SUPPLIED ON REQUEST

	555-34-3	Bosch PDE P1-1.1-1.3/80
	555-34-A3	Bosch PDE 2/80 – SIEMENS PPD
	555-28-1/N	Bosch PDE90
	555-48-1	Delphi Type A3-E1-E3
	555-44-1	Bosch PLD110 Type "B" (Mack-Renault-Daf)
	555-33-1	Bosch PLD100 Type "C" (Atego)
	555-52-1	Bosch PLD100 Type "A"
	555-52-1N	Bosch PFM Type 0 414 401 106
	555-36-1	Delphi Land-Rover Discovery
	555-47	Delphi John Deere
	555-44-1D	Delphi Type EUP
	555-37-2	Caterpillar 3176 – 3196 - C10
	555-46-1	Caterpillar 3406 – C15
	555-39-2	Cummins L10 – M11 – N14
	555-38-3	Detroit series 50-60
	555-43-1	Detroit series 92
	555-40-1	Scania

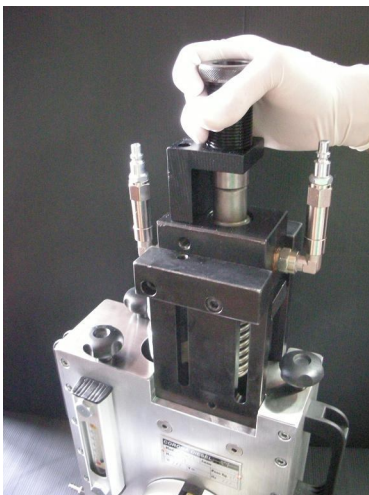
PDE system connection steps :



1) Insert the tappet and striker

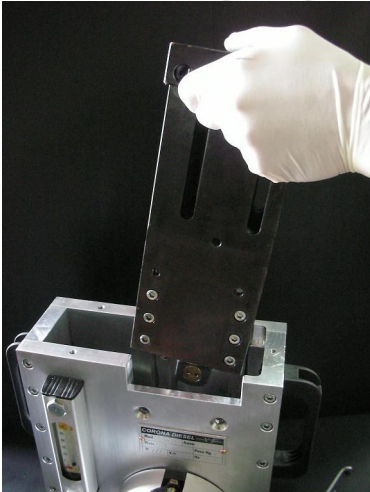


2) Insert the holding block with the pump unit and then lock it using the knobs

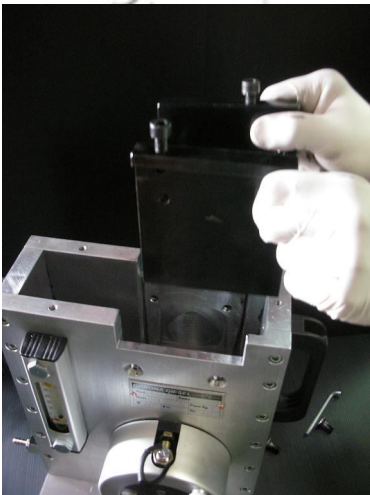




PLD system connection steps :



1) Remove the PDE system guides



2) Insert the PLD holding block guides

