



No Expert Needed

Repairing Electronic Injectors is not a specialist's business anymore. KO4000 eliminates the experience and expertise needed to assemble the Electronic Injectors.

KO4000 C.A.R.S. COMPUTER AIDED REPAIR SYSTEM

**High precision assembly system
for electronic injectors**

The KO4000 system offers computer-assisted assembly and adjustment of electronic diesel injectors.

By calculating the micron-level thickness of the adjustment shims inside the injector, the traditional trial-and-error method is eliminated and ensures that the injector is mounted correctly the first time.

Anyone can repair

Eliminating the trial and error procedure.

KO4000 is not a Test Bench

It standardizes electronic injector repair by guiding **measurement, shim selection, and assembly** for the supported **Bosch / Denso/ L'Orange (MTU)** and Caterpillar families.

Injector families/brands it supports

CR Injectors:

Bosch CRI 1.0 - 2.0 - 2.1 - 2.2 - 2.18,
Bosch CRIN 1.0 - 2.0 - 3.0,
Denso G2 L'Orange MTU 4000.01 & 4000.03
LEAD Series

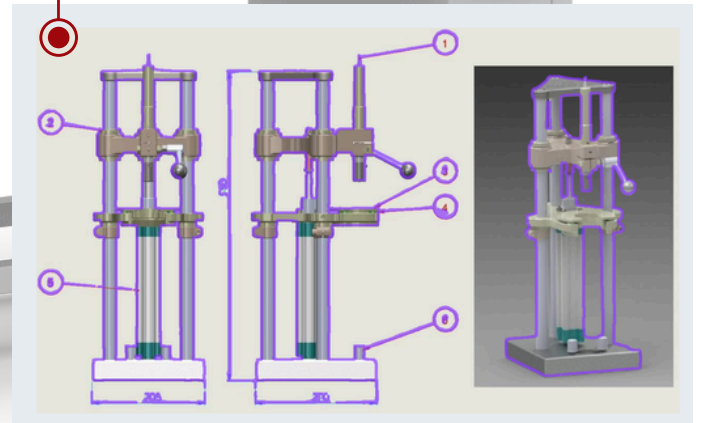
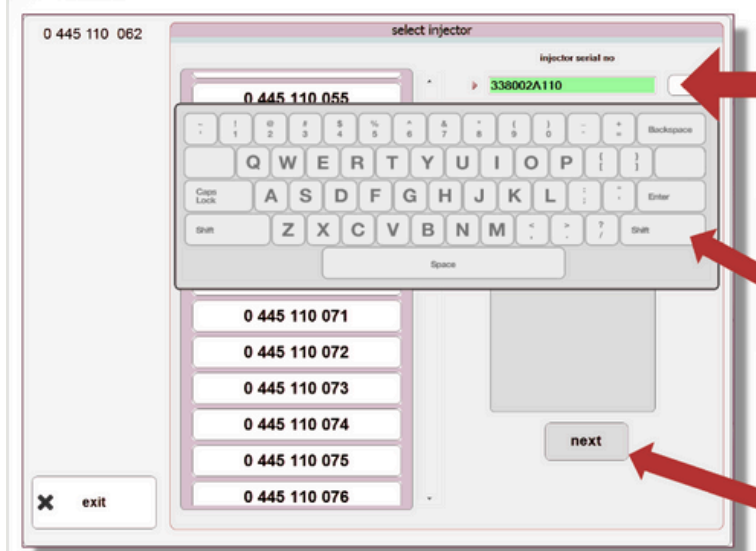
HEUI Injectors:

Caterpillar C7-C9 Injectors

EUI Injectors:

Caterpillar C15-3406-C10-3500





Tap on the green space and enter the injector/s serial number/s by using virtual keyboard.

Enter up to 6 injector serial numbers to assemble 6 injectors at the same time.

Add butoon. Afterward,tap on the enter button.

KO4000 – Technical Specifications

Application / Compatibility

Common Rail (CR): Bosch CRI 1.0 / 2.0 / 2.1 / 2.2 / 2.18; Bosch CRIN 1.0 / 2.0 / 3.0; Denso G2; L'Orange MTU 4000.01 & 4000.03 LEAD
HEUI: Caterpillar C7–C9
EUI: Caterpillar C15 / 3406 / C10 / 3500

Power and Air Requirements

Power supply: 220 V, 50/60 Hz, single-phase
Air supply: minimum 5 bar; minimum 1 m³/min; clean, dry, oil-free air

Included as Standard :

KO4001 – C.A.R.S. Repair Table
KO4002 – Measurement Unit
KO210300 – Clamp for C.A.R.S.
Plastic trays (6 pcs.)
AN3701
BA1633
KO1797
KO1495

Dimensions and Weight

Machine dimensions: 1500 (W) × 820 (D) × 1330 (H) mm
weight: 200 kg

Packing dimensions: 1700 (W) × 900 (D) × 1930 (H) mm
weight: 260 kg