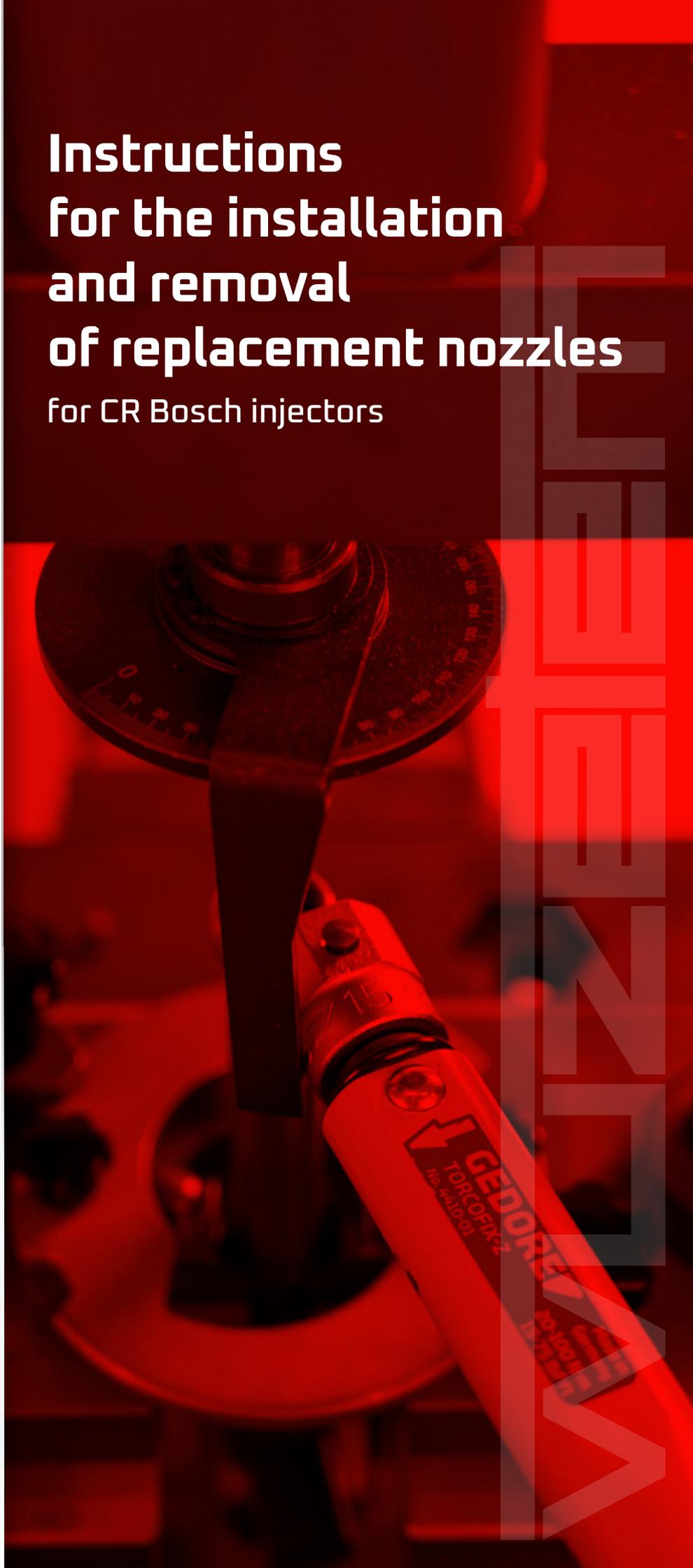


WUZETEM



Instructions for the installation and removal of replacement nozzles for CR Bosch injectors





All changeover work (installation and removal of the nozzle) should be performed using a suitable press, depending on the manufacturer.



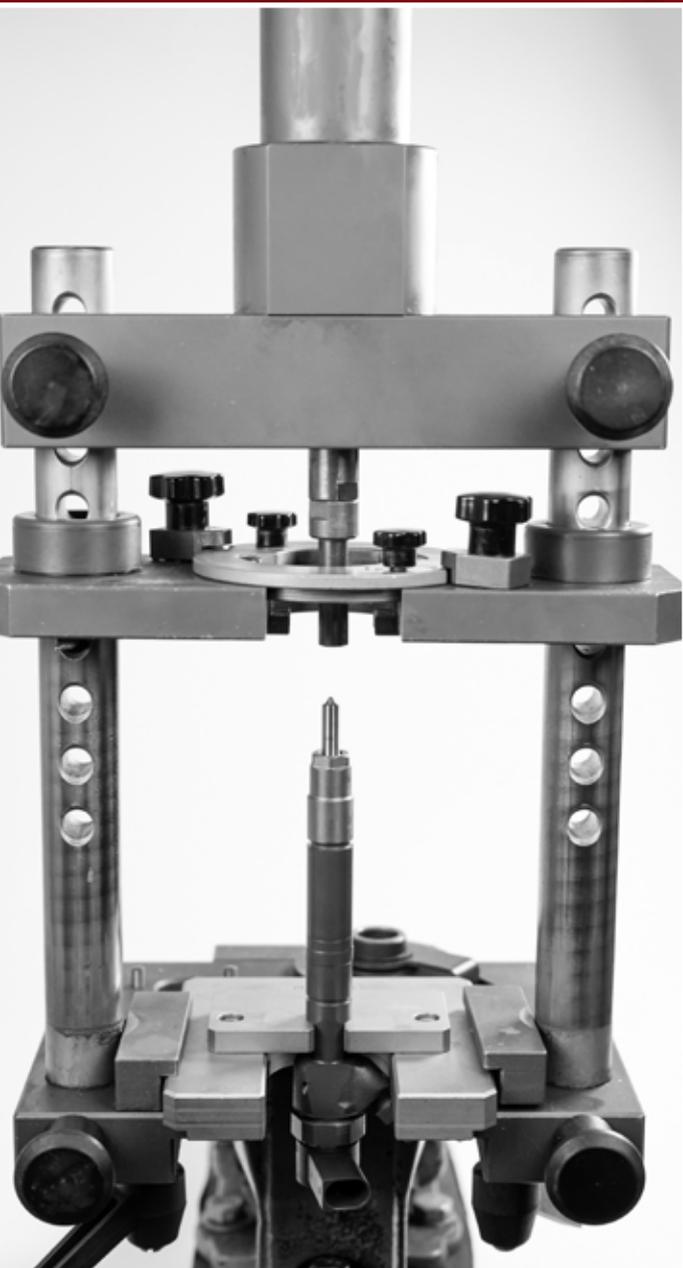
To tighten/loosen the screw of the nozzle retaining holder and nozzle nuts, use a torque wrench and/or angle disk.



When tightening the injector nut, always observe the parameters provided by the manufacturer of the injection system.

Instructions for the installation and removal of replacement nozzles for CR Bosch injectors

- ▷ removal
- ▷ installation



WUZETEM

WARSZAWSKIE ZAKŁADY MECHANICZNE
„PZL - WZM” W WARSZAWIE
SPÓŁKA AKCYJNA

05-850 Jawczyce
ul. Piastowska 67

head office: 22 841 32 01
fax: 22 841 85 68
e-mail: wuzetem@wuzetem.pl

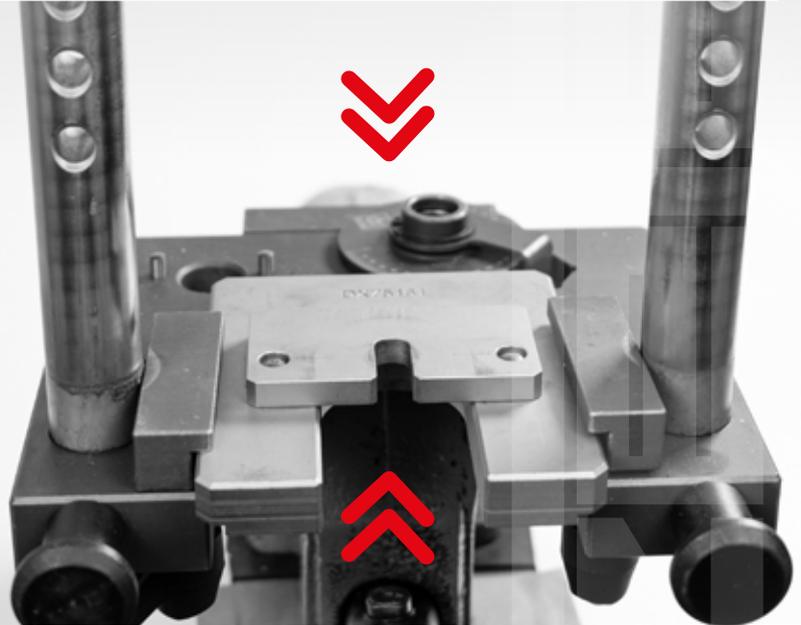
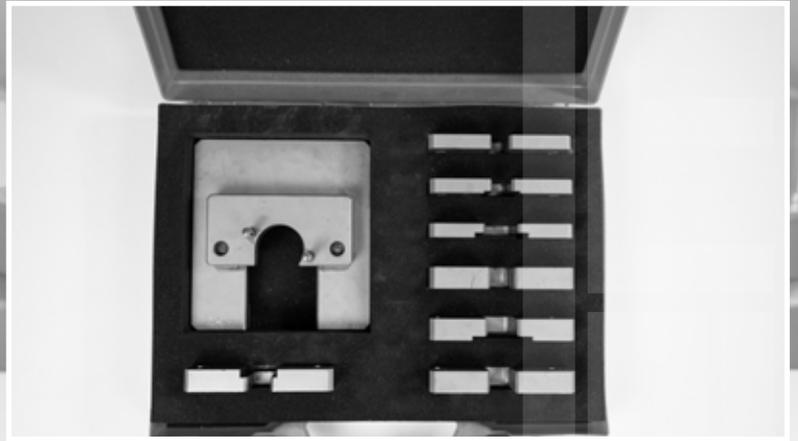
www.wuzetem.pl

District Court for the Capital City of Warsaw
in Warsaw, 14th Commercial Division
of the National Court Register (KRS)
KRS number: 0000320810
Share capital: PLN 20,000,000.00
Paid-up capital: PLN 20,000,000.00
NIP (Tax Identification Number): 525-000-08-60
REGON (National Official Business Register
Number): 012078978

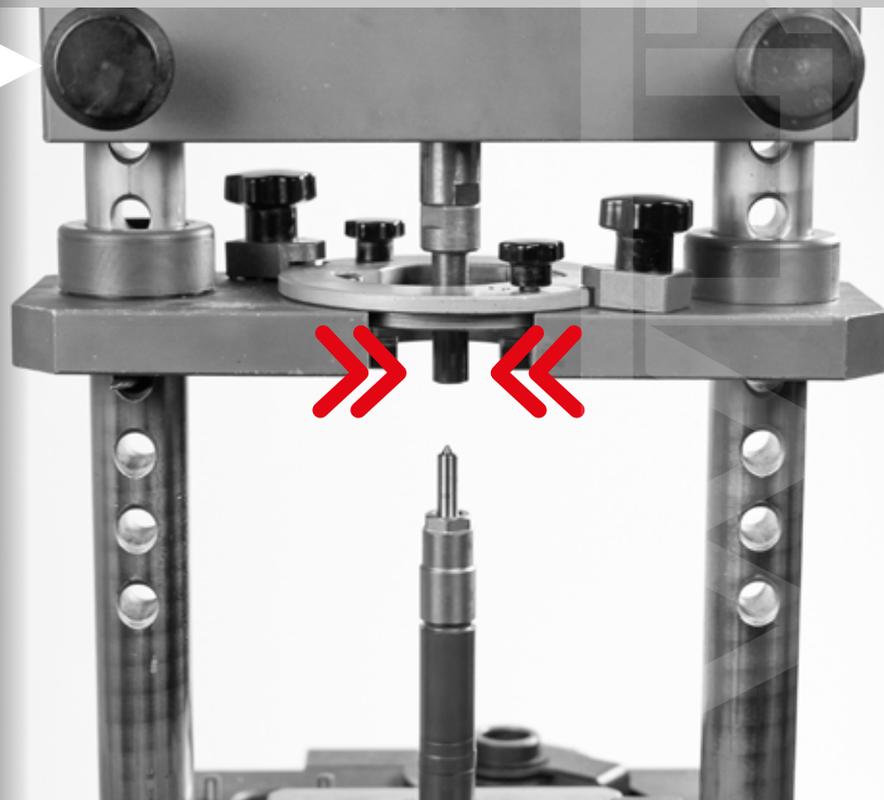
All trademarks belong to their rightful owners
and are used for information only.

removal

- 1 Use a suitable **mounting spacer** and place it in the **holder** of the station.



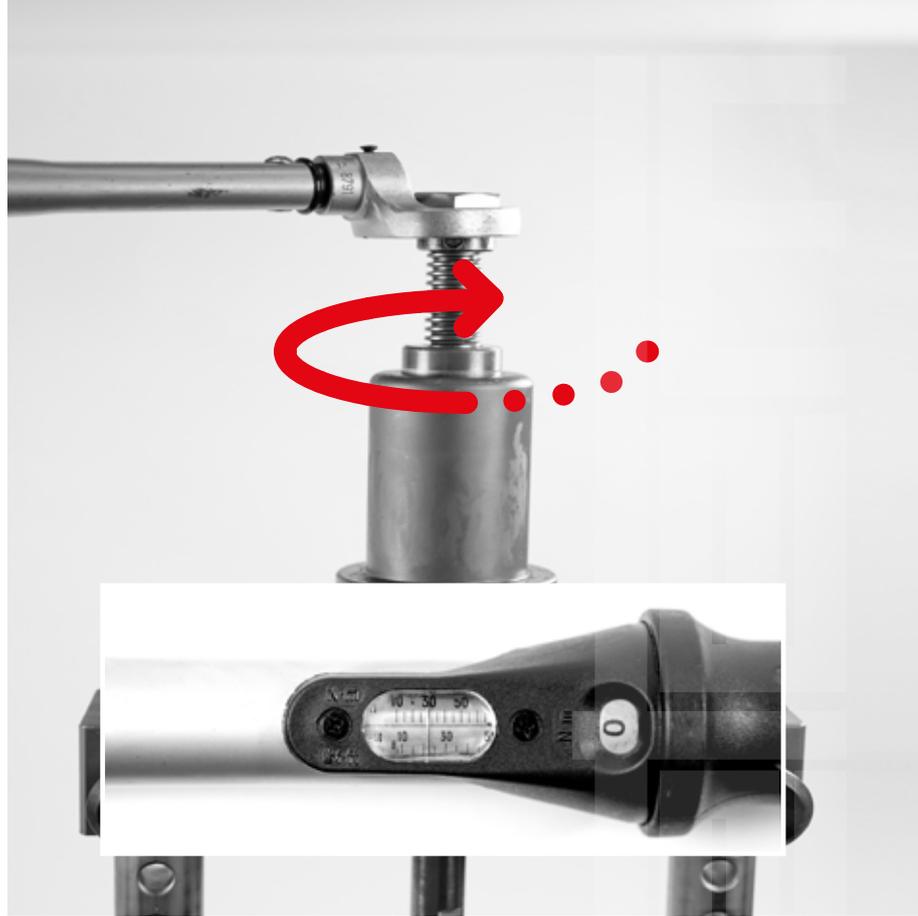
- 2 Take the suitable nozzle retaining **holder adapter** and **install it** on the station.



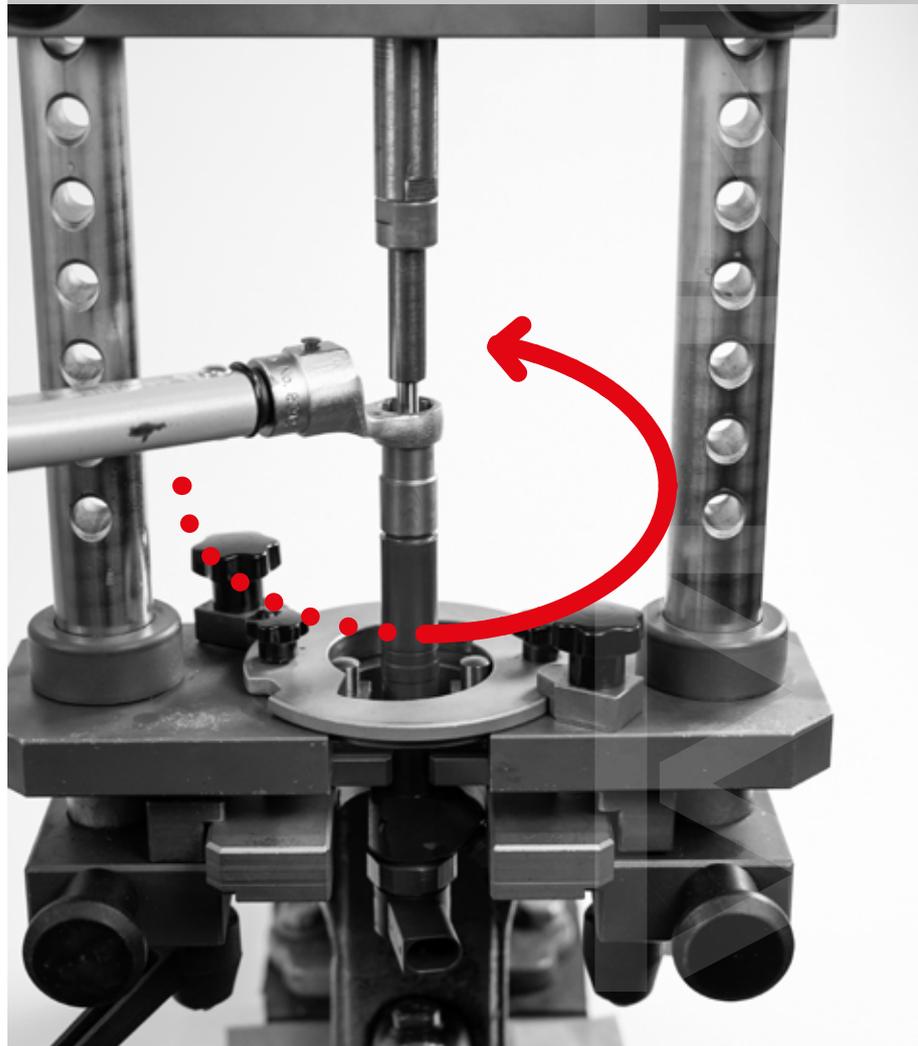
removal

- 3** Tighten the top screw of the nozzle retaining holder until it is clamped against the face of the nozzle.

Tighten the screw to **30 Nm** using a torque wrench with a **30 mm** adapter.



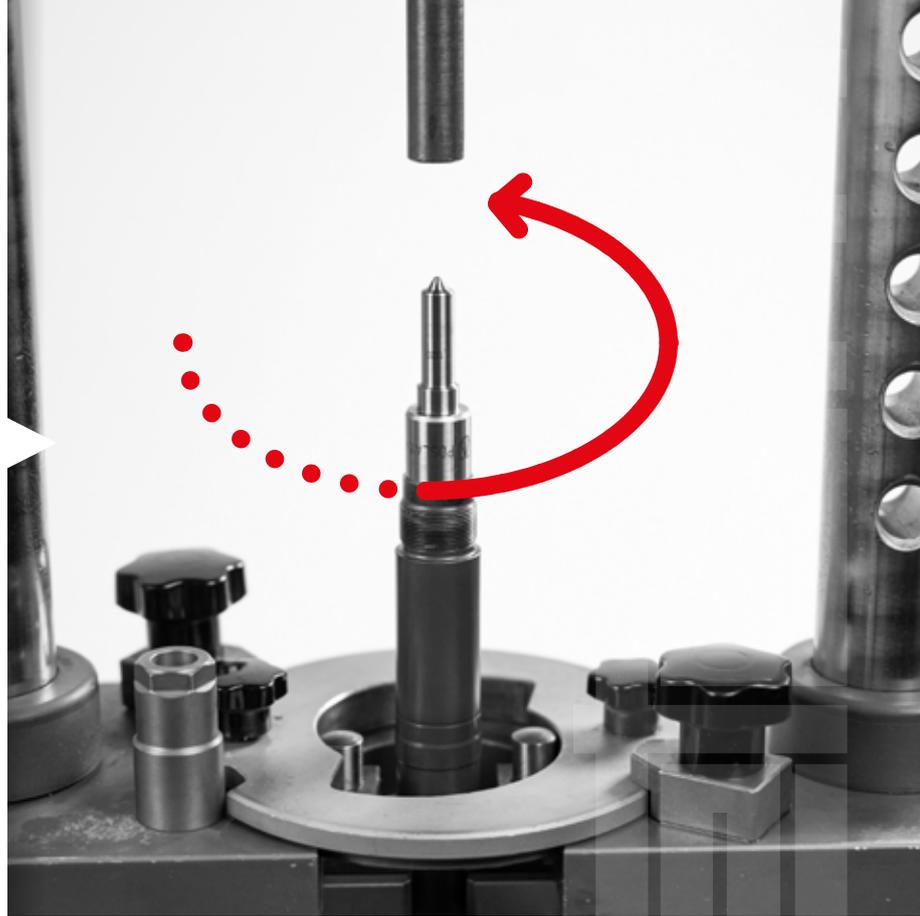
- 4** Undo the nozzle nut using a torque wrench with a **15 mm** adapter.



removal

5

Undo the screw of the nozzle retaining holder and retract it into a position that enables the removal of the nut



6

Remove the nut and then remove the **nozzle body with the needle**.

NOTE:

During nozzle removal, make sure **not to lose any components** of the injector located under the nozzle.



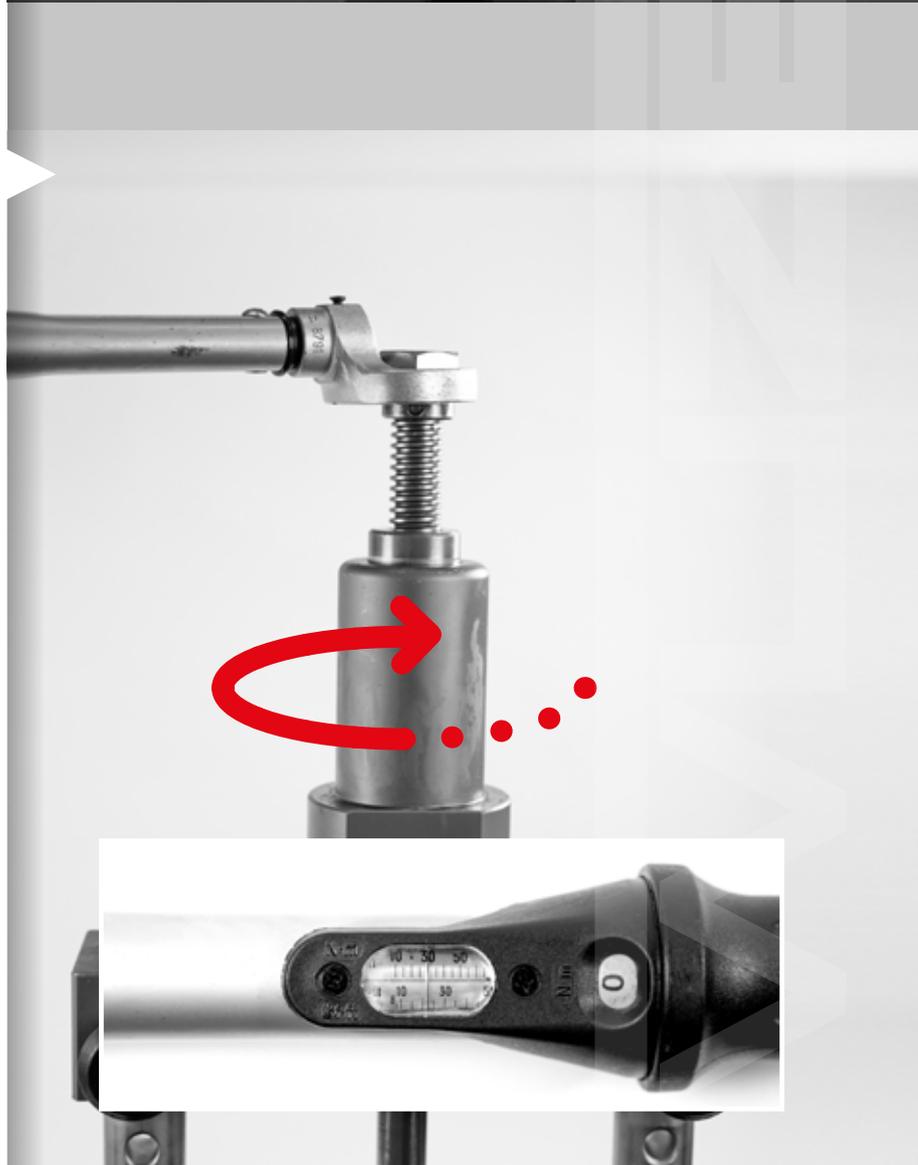
installation

- 1 Insert the nozzle into the face of the injector, aligning it accordingly using the alignment pins.



- 2 **Pre-tighten the nut** of the injector without using a torque wrench.

Tighten the screw of the nozzle retaining holder **to 30 Nm**.



installation

3

Pre-tighten the nut using a grooved adapter and a torque wrench with a **15 mm** adapter to the torque recommended by the manufacturer of the injection system and then unscrew the nut until the thread is completely loose.



4

Tighten the nut to the intermediate torque recommended by the manufacturer of the injection system to set the thread.



5

Tighten the nut to the final torque recommended by the manufacturer of the injection system.

WUZETEM

WARSZAWSKIE ZAKŁADY MECHANICZNE
„PZL - WZM” W WARSZAWIE
SPÓŁKA AKCYJNA

05-850 Jawczyce
ul. Piastowska 67

head office: 22 841 32 01
fax: 22 841 85 68
e-mail: wuzetem@wuzetem.pl

www.wuzetem.pl

District Court for the Capital City of Warsaw
in Warsaw, 14th Commercial Division
of the National Court Register (KRS)
KRS number: 0000320810
Share capital: PLN 20,000,000.00
Paid-up capital: PLN 20,000,000.00
NIP (Tax Identification Number): 525-000-08-60
REGON (National Official Business Register
Number): 012078978

