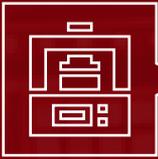


**WUZETEM**



# Instructions for the installation and removal of replacement nozzles for PD Delphi 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 unit injector nut, always observe the parameters provided by the manufacturer of the injection system.

## Instructions for the installation and removal of replacement nozzles for PD Delphi

- ▷ removal
- ▷ installation



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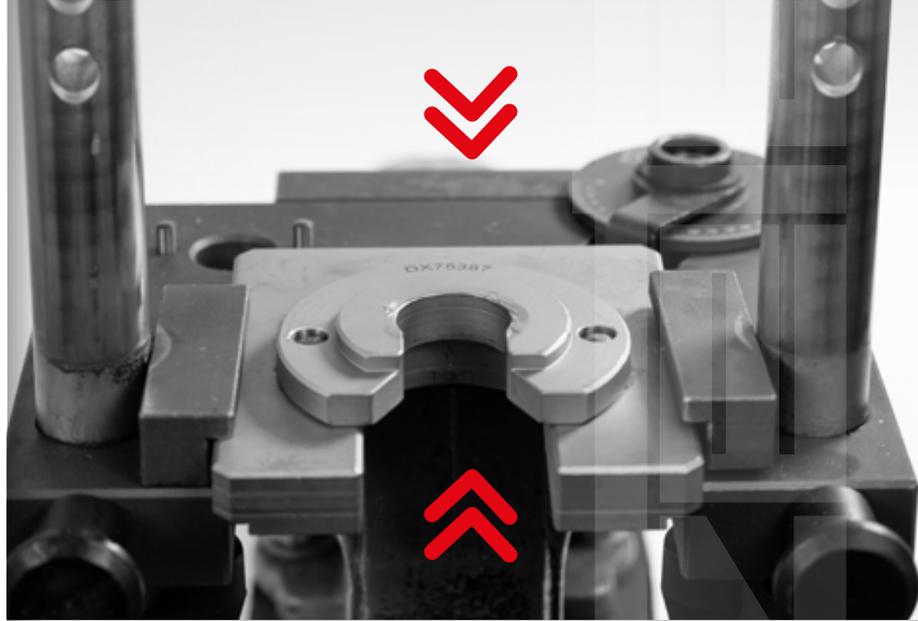
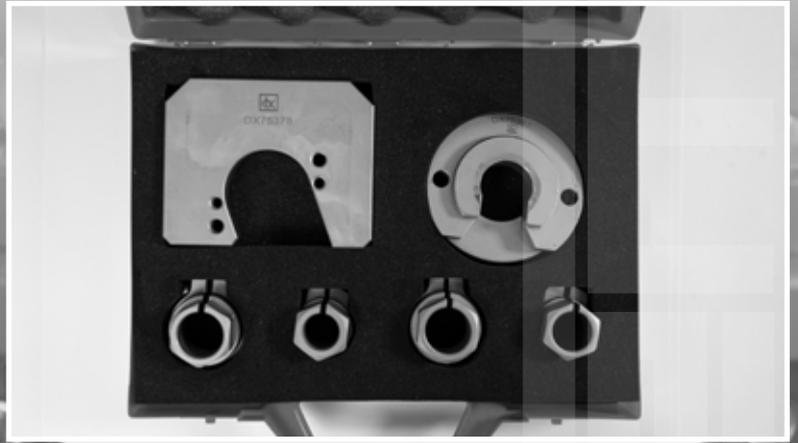
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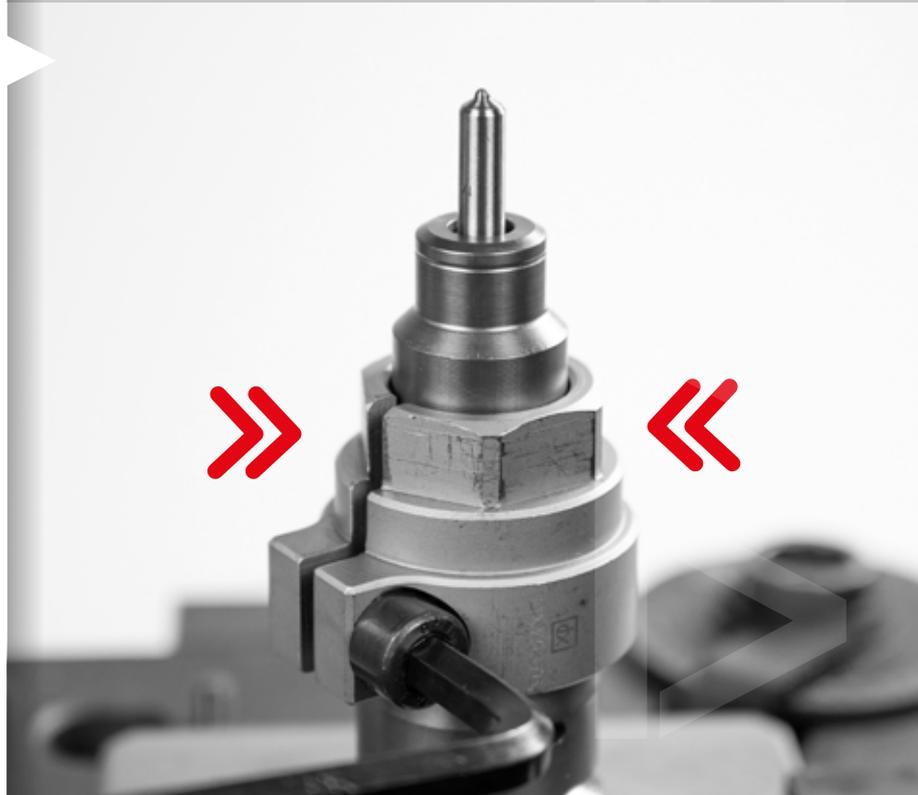
# removal

- 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.

Place a suitable **adapter** on the nozzle retaining holder nut and **lock it** with a hex key.



## removal

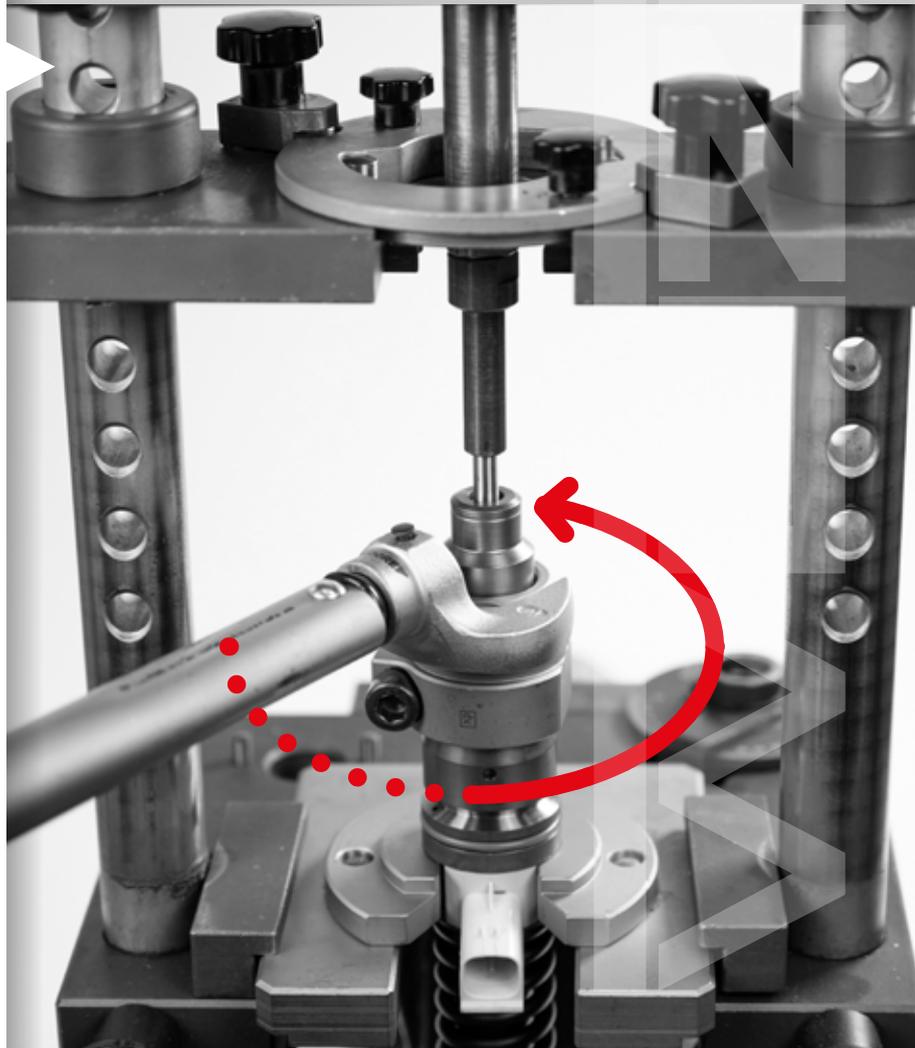
3

**Pre-tighten the nut** of the unit injector with a torque wrench with a **36 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

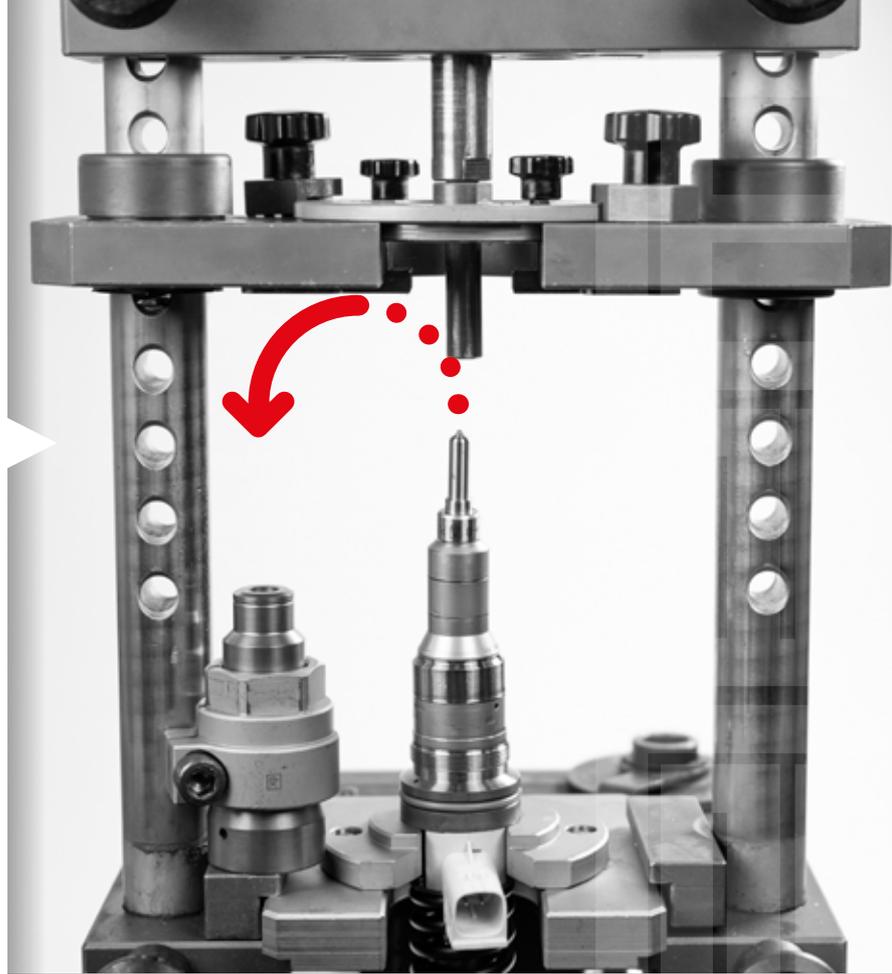
**Undo the nozzle nut** using a torque wrench with a **36 mm** adapter



## removal

5

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

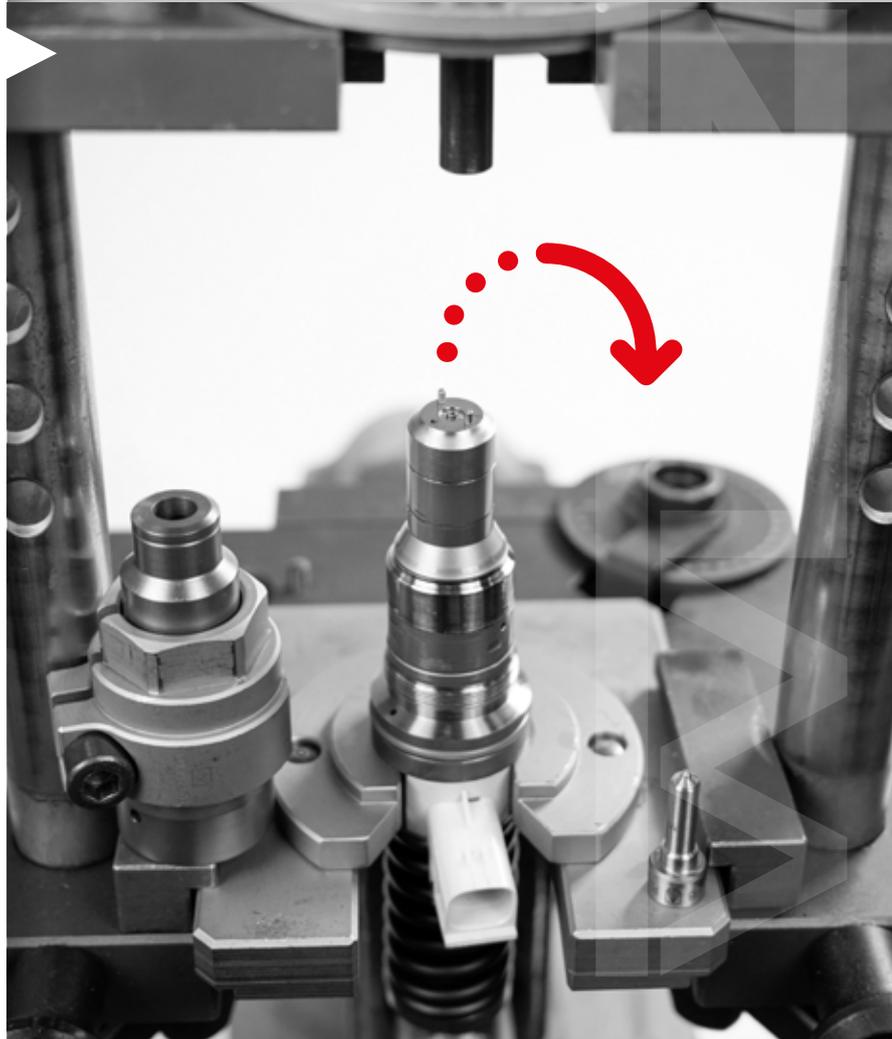


6

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

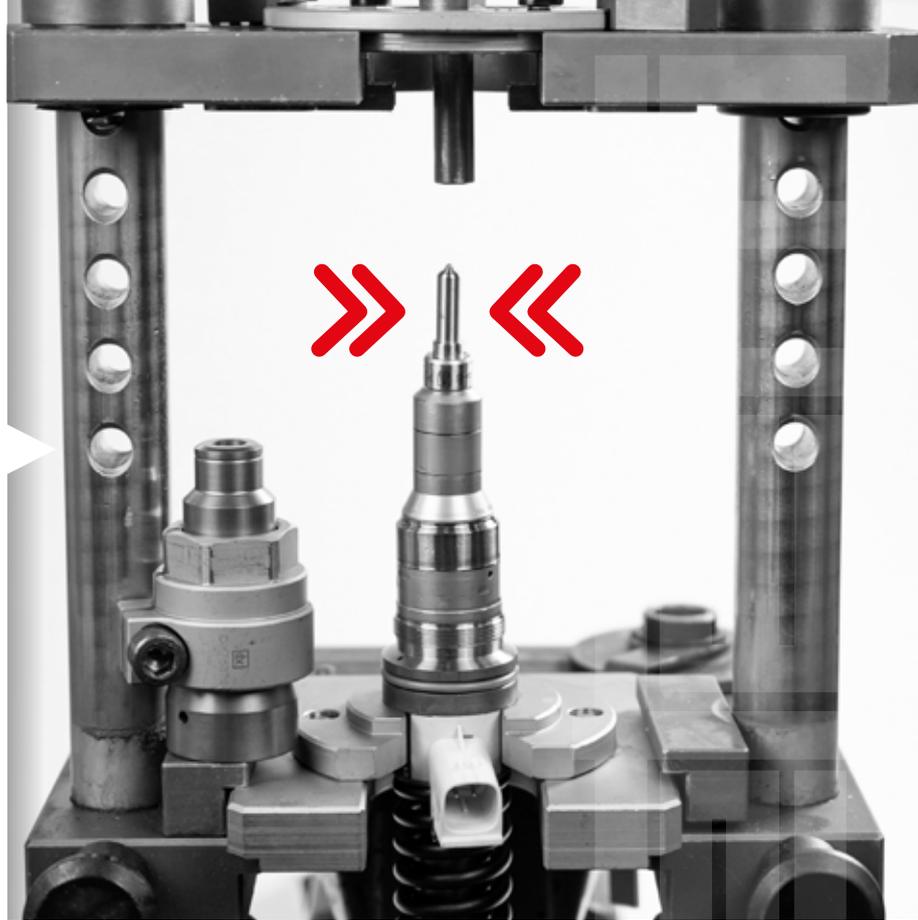
**NOTE:**

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



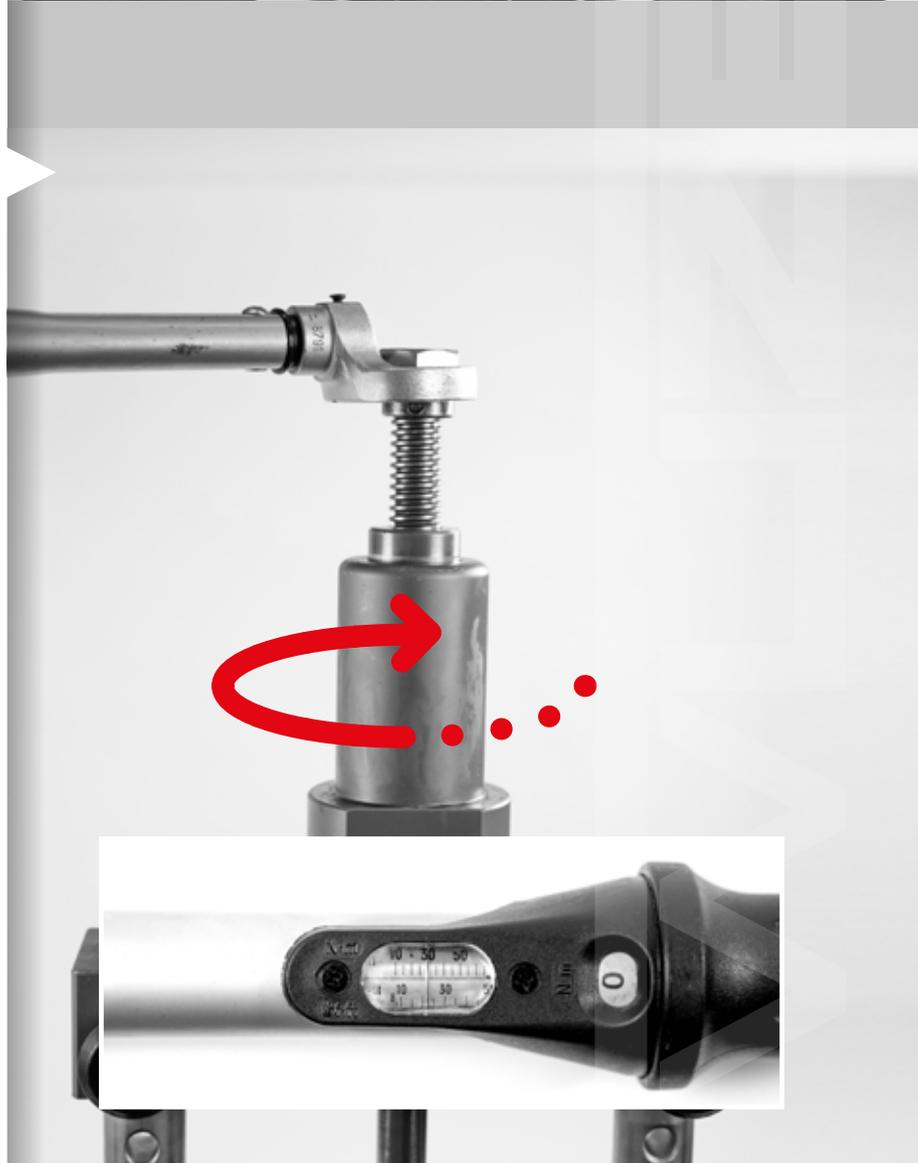
# installation

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



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

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



## installation

3

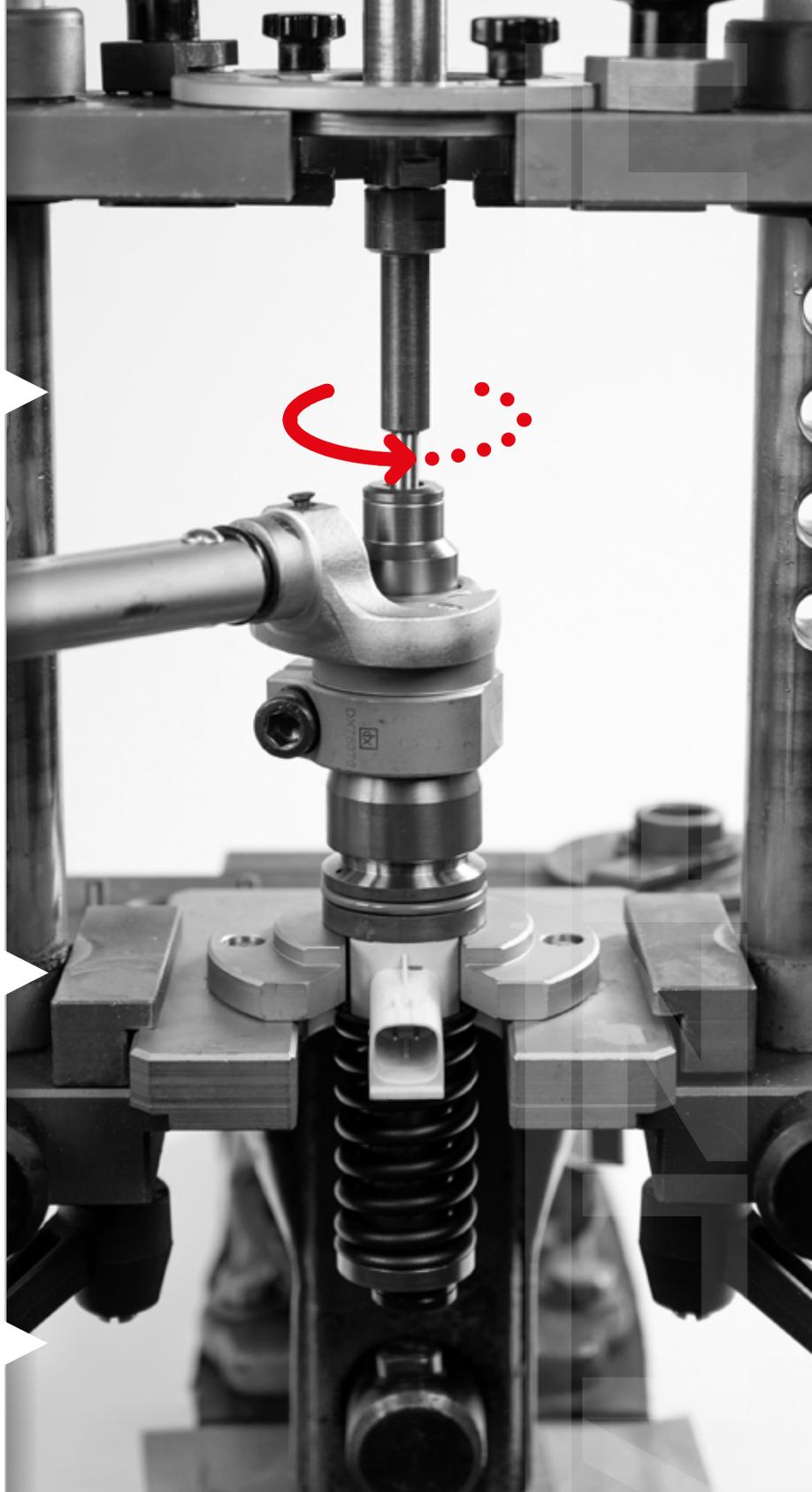
**Pre-tighten the nut** using a grooved adapter and a torque wrench with a **15 mm** adapter to the torque recommended by the manufacturer of the injection system and then unscrew the nut until the thread is completely loose.

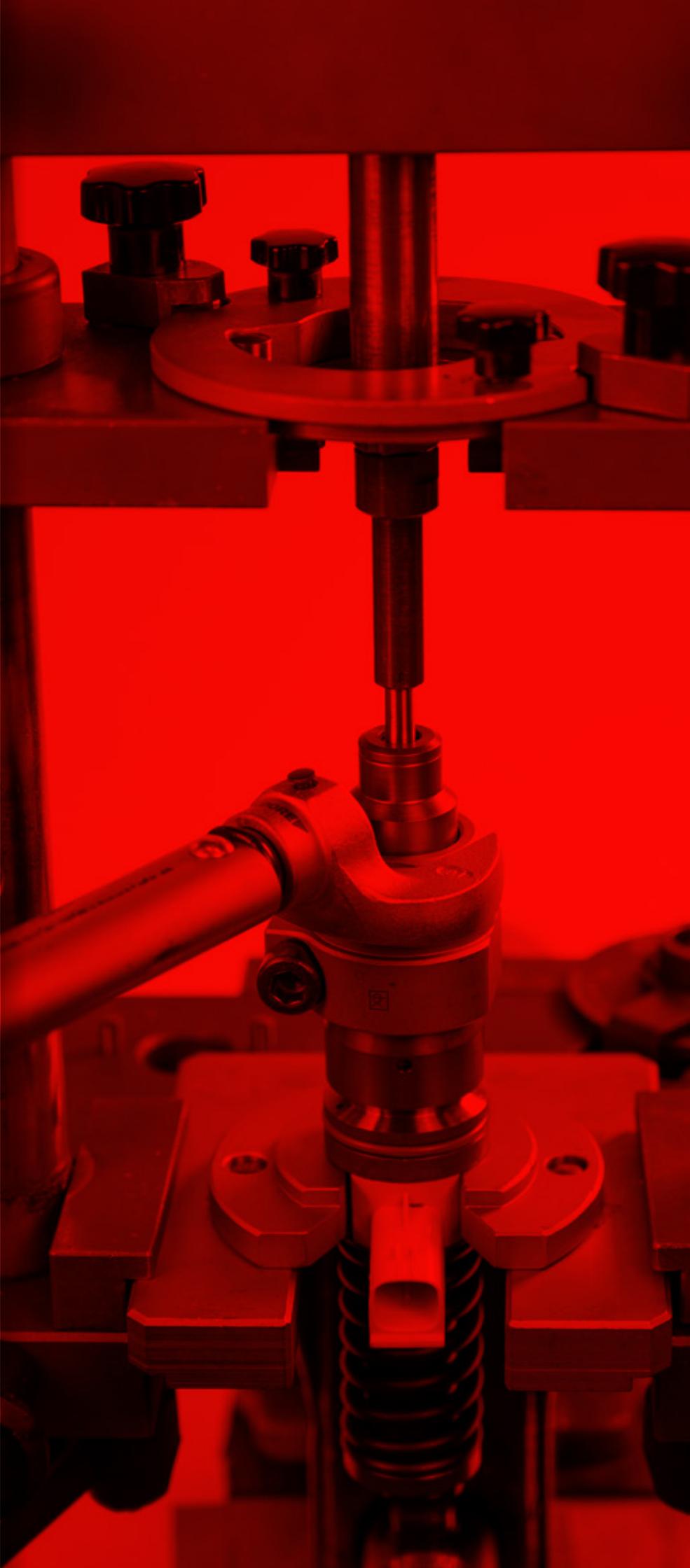
4

**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.





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