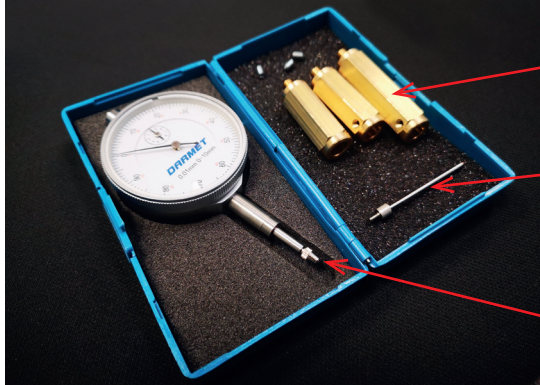


Calibrating device kit for stroke setting in the ACW01, ACW02 and ACW031 injector rails



Calibrating device for injector stroke setting.



Connector body with adapter for injector
ACW01 / ACW02

Measuring pin

Dial gauge

Calibrating device assembling

Fitting the relevant injector adapter

ACW01
thread M6



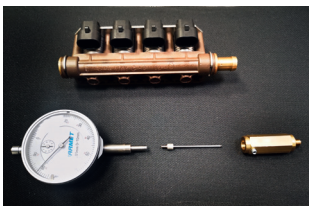
ACW01
thread M6x0,75



ACW02



Assembly of the calibrating device



Tighten the measuring spindle
to the clock sensor



Sign up for a clock sensor body
with a suitable adapter and tighten
the safety screw with the hex wrench No. 2

Instructions for setting the ACW01 injector stroke

Note:

Setting the ACW01 injector to full stroke is not equivalent to factory calibration, but it is an effective calibration method after injector repair or cleaning.

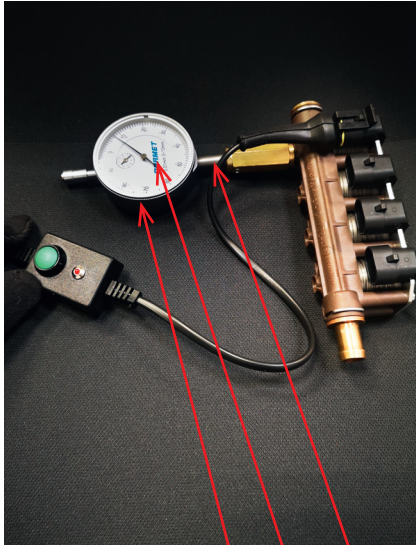


Required tools:

- calibrating device kit
- Allen key # 4
- power supply 12.5 – 13.5VDC 6A



1. Connect the power cable plug to the injector.

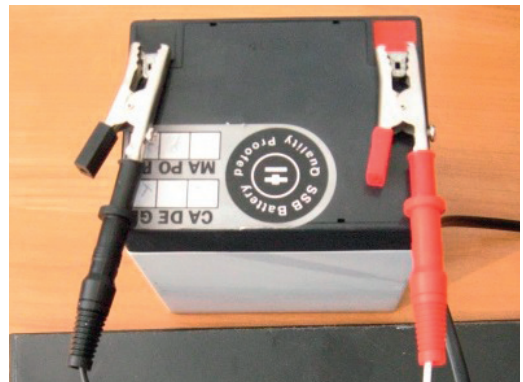


3 2 1

2. Screw the calibrator into the injector nozzle opening; once screwed in, the pointer on the small scale should read 2 mm. Otherwise, loosen the lock screw "1" and adjust the position of the dial gauge "2". After securing it again with screw "1," turn the sensor housing "3" to set the pointer on the sensor's large scale to zero.



3. Connect the cable to the power supply.





- Press the button on the calibrating device cable adapter and read the plunger stroke.

Note:
holding down the button for more than 4 seconds may lead to damage of the injector coil!!!

It should be properly:

ACW01 STD	0,50 mm
ACW01 BFC	0,60 mm
ACW02 STD	0,48 mm
ACW031 STD	
ACW02 BFC	0,58 mm
ACW031 BFC	



- To set the correct stroke, slightly screw the injector foot in or out. All sections of the injector must be set to the same stroke, with a tolerance of up to 0.005 mm.

- After setting the stroke, repeat the above procedure for other injector sections.