

6.3. Range and Exchange of Clutch Spring

The torque range of the screwdriver is adjustable. The torque ranges of the color-coded springs are shown in the table below.



IMPORTANT

You can only use those clutch springs, which are possible for the respective torque range of the screwdriver.

Torque Range of the individual clutch spring:

Part No.	Wire Ø	Color	Torque "min."	Torque "max."
326391	3.4 mm	black	approx. 3.0 Nm / 26.6 in.lbf	approx. 5.0 Nm / 44.3 in.lbf
323034	3.2 mm	violet	approx. 2.0 Nm / 17.7 in.lbf	approx. 4.5 Nm / 39.8 in.lbf
323035	2.8 mm	green	approx. 1.4 Nm / 12.4 in.lbf	approx. 2.4 Nm / 21.2 in.lbf
323036	2.2 mm	red	approx. 0.5 Nm / 4.4 in.lbf	approx. 1.6 Nm / 14.1 in.lbf
323037	1.6 mm	yellow	approx. 0.2 Nm / 1.7 in.lbf	approx. 0.6 Nm / 5.3 in.lbf

All torque values are based on 90-PSI (6.3 bar) air pressure. Torque values are estimated data which may differ – depending on the type of screw joint.

Exchange of Clutch Spring (→ *Illustration 3*)



IMPORTANT

To avoid loosing parts, disassemble the machine only on top of a flat work surface.

1. Disconnect screwdriver from air supply.
2. If present, unscrew the spring sleeve (left-hand thread).
3. Unscrew the clutch bearing (left-hand thread).
4. Take out the clutch complete.
5. Unscrew the adjustment nut with the supplied key.
6. Pull off the lock ring.
7. Remove the clutch spring and reassemble the clutch with the new clutch spring in reverse order.
8. Insert the clutch into the clutch bearing and screw the clutch bearing onto the screwdriver (left-hand thread).



NOTICE

The claw of the clutch must engage with the claw of the spindle (located in clutch bearing)

9. Readjust the clutch to the required torque (→ chapter *Torque Adjustment*).

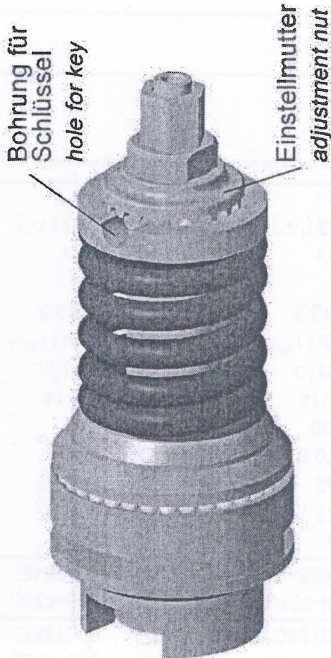


Illustration 3 - Exchange of Clutch Spring



IMPORTANT

Screw adjustment nut onto clutch shaft until minimum one line of the thread is visible.