

# Technical *Info*

## Installation of the timing belt kit CT 1045 K1 for Renault 1.2 16 V

### Defect pattern:

The tensioner pulley collapses after a short running time and possibly has a separate barrel jacket from the bearing core. The barrel jacket has mostly strong traces of rubbing. The back of the timing belt is often considerably damaged, and sometimes even completely worn due to heat application.

Fig. 1



### Cause of error:

Due to the eccentric being rotated in the wrong direction, the tensioner pulley reaches an impermissible position and makes contact with a protruding edge in the motor pinion.

The tensioner pulley is thereby completely or partially mechanically blocked and the belt which continues to turn is overheated on the barrel jacket. The level of damage depends on the running time.



### Error elimination:

Always install the timing belt exactly according to the manufacturer's instructions and in particular, comply with the rotational direction of the eccentric for tensioning. (anti-clockwise here) Otherwise the tensioner pulley can come into contact with a protruding edge and short-term failure is very likely.

