



TIMING CHAIN DRIVE PI 0004 | 2020

TECHNICAL INFORMATION FOR INSTALLATION OF PTA114-0333 OR PTA114-0403

When repairing the timing chain drive (camshaft control) the manufacturer's specific repair instructions (here: Opel) must be observed.

Especially the points for „Replacing the timing chain“ and „Replacing the idler wheel timing chain“ must be carried out in the specified order.

The prescribed special tools must be used.

I. I. Mount the timing chain with the marked chain links to the corresponding markings on the chain or idler sprockets, observing the following mounting sequence:

1. First attach the timing chain to the sprocket of the injection pump
2. Install the timing chain on the camshaft sprocket
3. Finally, fit the timing chain to the idler wheel timing chain

II. The threads on the cylinder head and on the engine block for the two screws of the upper guide rail must be re-cut. The screws of the upper guide rail must then be secured with threadlocker and tightened within 10 minutes.

However, these may only be tightened (11Nm) when the timing chain camshaft is already fitted as described above.

The prescribed tightening torques must be strictly adhered to during all work steps!

NOTE:

If the specified sequence is not observed when fitting the timing chain, tension in the chain drive can lead to complaints such as noise.

See also graphic next page ->



TIMING CHAIN DRIVE PI 0004 | 2020

TECHNICAL INFORMATION FOR INSTALLATION OF PTA114-0333 OR PTA114-0403

