BESTPRACTICE

- A complete replacement is recommended to restore the engine's timing back to manufacturer specifications.
- Replacing all the timing related components will prevent misalignment and micro timing problems.
- Cold starts and engine performance will be improved.
- Failure to replace all worn components could void product warranties.

THEPROCESS

ALWAYS FOLLOW MANUFACTURE'S INSTRUCTIONS BEFORE REMOVING ANY COMPONENTS FROM THE ENGINE.

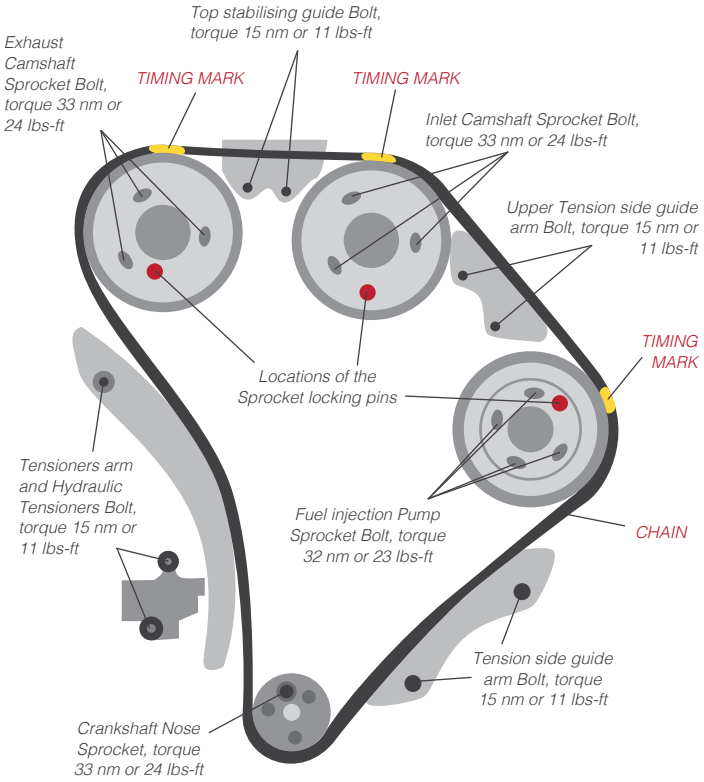
The Ford Duratorq is timed at -50º before **T**op **D**ead **C**entre (**TDC**) – timing instructions after engine rebuild to ensure -50 degrees is achieved are available in **TB0719**.

The Camshaft Sprockets have slotted bolt holes; this is to provide adjustabilityand ensure accurate engine timing is achieved during installation of the new Timing Chain system.

1. During installation fit the sprocket bolts finger tight until the system is installed and tensioned. This will allow the sprockets to rotate with the chain and remove slack.
2. Repeat again with the injection Sprocket.
3. Ensure the Crankshaft nose Sprocket contact interfaces are contamination free before installation then torque the locating Bolt.
4. With all the Sprocket's Bolts finger tight, install the Timing Chain.
5. Once the Chain is installed, mount Guides and torque all the locating Bolts. Align the timing marks with the Sprocket indicators.
6. Fit the Tensioner in place and torque the Bolts.
7. Ensure the timing marks align with the Sprocket indicators and pull the locking pin from the Tensioner body, this will provide a dynamic tension to the Chain.
8. Torque all the Sprocket Bolts once all the locking pins are removed. Rotate the engine a minimum of three complete revolutions to ensure the timing is set correctly.

TC2000FK INSTALLATION

Advice for the Ford Duratorq engine



TC2000FK - FULL KIT (FK)

GUIDES, CHAIN, TENSIONER, CAMSHAFT SPROCKETS, INJECTION PUMP SPROCKET & CRANKSHAFT SPROCKET.

BGA products are to be replaced by an experienced automotive installer. This information is to be used as reference only. Always seek manufacturer specification.