

Ford 1.0 & 1.1 EcoBoost torque multiplier

Reference : OM 4109



Item name Ford 1.0 & 1.1 EcoBoost torque multiplier

Bar code 3701555309484

Introduction The torque required to tighten the crankshaft bolt is so high that this tool is essential. The torque multiplier is essential for correct removal and installation of the crankshaft pulley bolt on Ford 1.0L - 1.1L EcoBoost engines.

Text The crankshaft pulley screw is tightened to a very high torque. Once the flywheel has been locked (using the crankshaft locking tool in the FORD 1.0 / 1.1 ECOBOOST timing kit), simply position the gearbox support in place of the transmission support, then position the gearbox with the associated bushing.

The crankshaft pulley bolt is tightened in stages to obtain a high-torque final load (in compliance with the manufacturer's specifications).

The gearbox installation configuration is the same when reassembling and tightening the crankshaft bolt.

The force exerted on the bolt is so great that it must be replaced by a new one.

The tightening procedure involves the use of a torque wrench, followed by the torque reducer.

Timing/engine applications: 1.0 EcoBoost belt-in-oil (2012-2018), 1.0 EcoBoost Chain (2017-) and 1.1 naturally-aspirated engines.

Specifications

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- Torque ratio 5:1 (corresponds to manufacturer's specifications)

