

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

Specifications :

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

- max. input torque 300 Nm - per 1/2" female drive
- max. output torque 1500 Nm - per 3/4" male drive
- 21mm/24mm A/F hexagon sockets included.

Applications

Models :

Ford: Ford B-Max (2012-2018), Ford C-Max (2012-2018), Ford Grand C-Max (2017-2018), Ford EcoSport (2015-2019), Ford Fiesta (2012-2019), Ford Focus (2012-2018), Ford Mondeo (2015-2018), Ford Transit Courier (2014-2020), Ford Transit Connect (2013-2018), Ford Grand Tourneo Connect (2013-2018), Ford Tourneo Courier (2014-2020)

Engine codes

B3DA , B7JB , B7JC , BZJA , ECOBOOST , M0JB , M1CA , M1CB , M1DA , M1DC , M1DD , M1DH , M1JA , M1JC , M1JE , M1JH , M1JJ , M1JL , M1JM , M1JP , M1JU , M2DA , M2DB , M2DC , M2GA , M2GB , P4JA , P4JB , P4JC , P4JD , Q0JA , Q0JC , SFCC , SFCD , SFCE , SFCE , SFDA , SFDB , SFJA , SFJB , SFJC , SFJD , SFJH , SFJJ , SFJK , SFJL , SFJN , SFJP , XMJA , XMJB , XMJC , XMJD , XPJA , XPJB , XPJC , XPJD , XYJA , XYJB , XYJC , XYJD , XYJE , Y7JA , YYJA , YYJB , YYJC , YYJD , YYJE , YYJF , YYJG

OEM codes

303-1611 , 303-1611-01 , 303-1611-02

Warranty period

5 years

Vehicle type

LV

Suitable for branded Ford vehicles

Fuel type

Gasoline

Tariff code

Tariff Normal (TN)

Product range

Approved by SNR

Warranty ProcedureDIAGNOSTIC



***Public price Exl. Tax : €259**

*Applicable user fees from 01/09/2025 to 31/08/2026

CLAS EQUIPEMENTS
83, chemin de la CROUZA
73800 CHIGNIN
France

Tel : +33 (0) 4 79 72 62 22
Fax :

Monday to Friday - From 8 to 12h
and from 13h30 to 17h30 (16h30 on
Friday)