

## FORD 1.0 & 1.1 ECOBOOST TORQUE MULTIPLIER

Reference : OM 4109



**Item name** FORD 1.0 & 1.1 ECOBOOST TORQUE MULTIPLIER

**EAN code** 3701555309484

**Intro** The tightening torque of the crankshaft bolt is so high, that it is essential to be equipped with this tool.

The torque multiplier is critical to the proper removal and installation of the crankshaft pulley bolt on Ford 1.0L - 1.1L Ecoboost engines.

**Text** The crankshaft pulley bolt 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 bracket in place of the transmission bracket and then position the gearbox with the associated sleeve.

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

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

The force exerted on the bolt is so great that it is imperative to replace the bolt with a new one.

The tightening method includes the use of a torque wrench, then the torque multiplier.  
Timing/engine applications: 1.0 EcoBoost belt-in-oil (2012-2018), 1.0 EcoBoost chain (2017-) and 1.1 naturally-aspirated engines.

**Specifications** Specifications:

- 5:1 torque ratio (corresponds to the manufacturer's specifications)
- max. input torque 300 Nm - per 1/2" female drive
- max. output torque 1500 Nm - per 3/4" male drive
- including 21mm/24mm A/F hexagon socket.

## 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 , B7DA , M1CA , M1CB , M1DA , M1DC , M1DD , M1DH , M1FA , M1JA , M1JC , M1JE , M1JH , M1JJ , M1JL , M1JM , M1JP , M1JU , M2DA , M2DB , M2DC , M2GA , M2GB , P4JA , P4JB , P4JC , P4JD , SFCA , SFCB , SFCC , SFCD , SFDB , SFJA , SFJB , SFJC , SFJD , SFJE , SFJH , SFJJ , SFJK , SFJL , XMJA , XMJB , XMJC , XMJD , XPJA , XPJB , XPJC , XPJD , XYJA , XYJB , XYJC , XYJD , XYJE , 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 vehicles

Ford

## Fuel type

Gasoline

## Tariff code

Tariff Normal (TN)

## Product range

Approved by SNR

## Warranty Procedure

DIAGNOSTIC



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