

## 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 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 , 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 Procedure** DIAGNOSTIC



**\*Public price Exl. Tax : €259.00**

\*Applicable user fees from 01/09/2024 to 31/08/2025

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 12h30  
and from 14h to 17h30 (16h30 on  
Friday)