PRODUCT SHEET

ARTICLE NUMBER: GAT6160

DESCRIPTION: 5:1 Torque Multiplier Set

INTRODUCTION

GAT6160 - 5:1 Torque Multiplier Set - has been developed to enable correct removal and installation of the crankshaft pulley bolt on the 1.0 EcoBoost and 1.1 Ti-VCT 3-cylinder Ford engine.

The crankshaft pulley bolt is tightened in stages to achieve a final high torque loading. The installation procedure consists of tightening the bolt to two specific torque values, followed by another torque value and a series of angular movements through a 5:1 torque multiplier.

The 5:1 torque ratio of GAT6160 matches the OE tool, enabling the user to follow the Ford workshop manual without the need to convert any torque figures or angular inputs. The user can be sure that they have tightened the crankshaft pulley bolt correctly every time.

GAT6160 is also required when removing the Crankshaft Pulley bolt.

Torque multiplier unit features:
Torque ratio: 5:1
Max Input torque 300Nm (through 1/2“ female drive)
Max Output torque 1500Nm (through 3/4” male drive to 21mm or 24mm A/F 6 sided socket included in set)

GAT6160 Torque Multiplier set is equivalent to Ford OE Ref’s: 303-1611, 303-1611-01 & 303-1611-02.

TITLE

CONTENT	ITEM	ARTICLE NUMBER	DESCRIPTION	OE REFERENCE
1	/	GAT6161	Torque Multiplier c/w sockets	303-1611
2	/	GAT6162	Counterhold	303-1611-01
3	/	GAT6163	Mounting plate	303-1611-02

PRODUCT SHEET

APPLICATION INFO

1.0 EcoBoost and 1.1 Ti-VCT 3-cylinder petrol engines in:

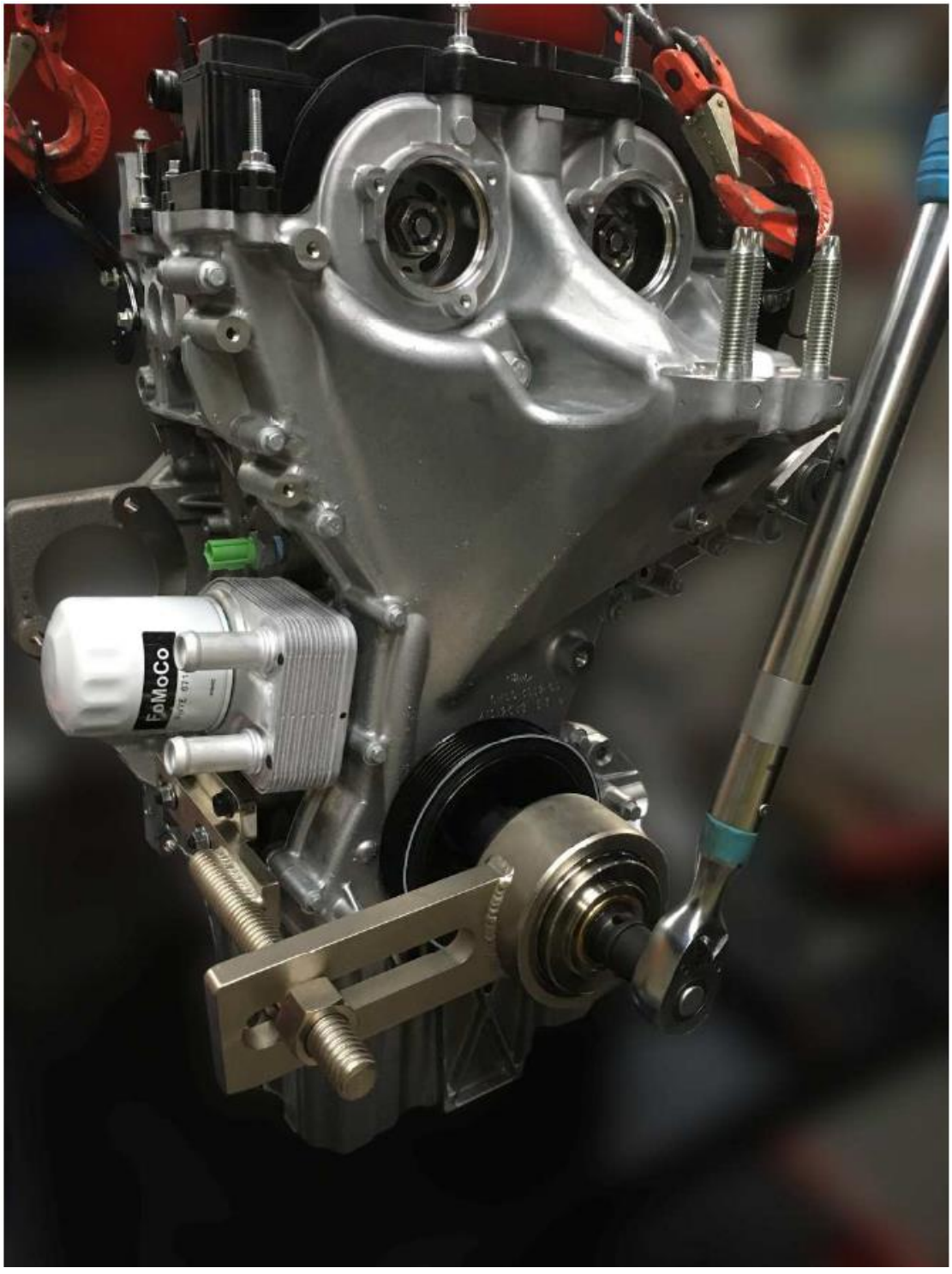
BRAND	MODEL			
FORD	Fiesta	B-Max	Focus	C-Max
	Grand C-Max	Ecosport	Transit Courier	Tourneo Courier
	Transit Connect	Tourneo Connect	Mondeo	

ENGINE CODES				
M1CA	M1JE	M2GA	SFCA	SFJC
M1CB	M1JH	M2GB	SFCB	SFJD
M1DA	M1JJ	P4JA	SFCC	XMJA
M1DD	M2DA	P4JB	SFCD	XMJB
M1JA	M2DB	P4JC	SFJA	XMJC
M1JC	M2DC	P4JD	SFJB	XMJD

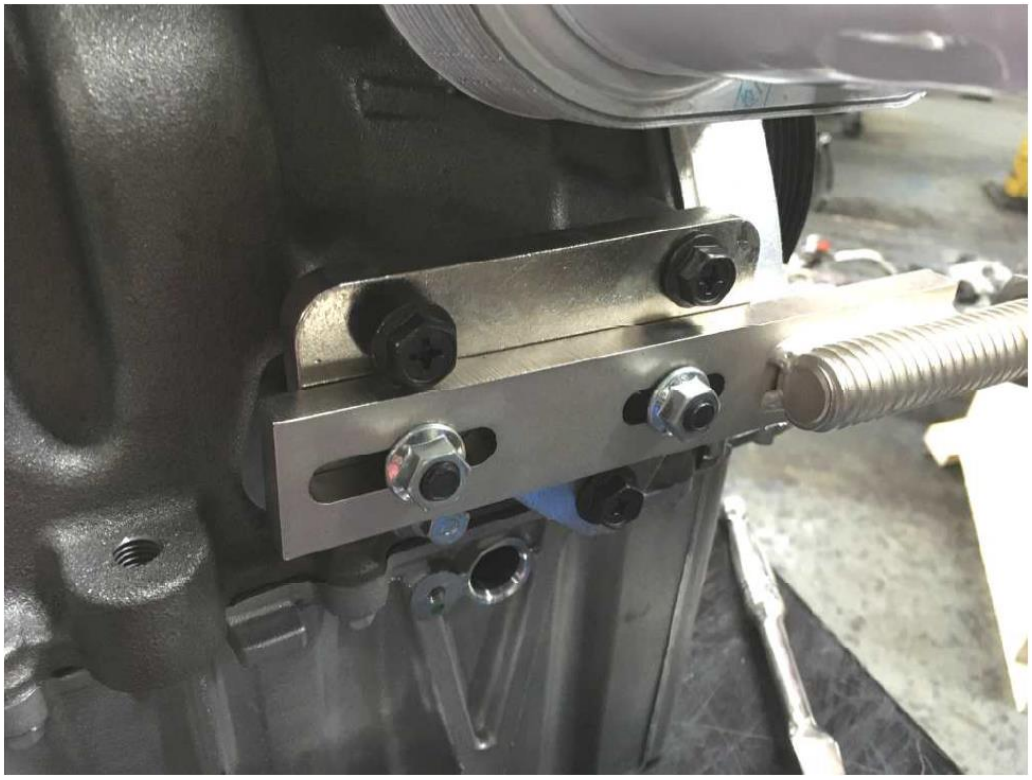
KIT CONTENT IMAGE

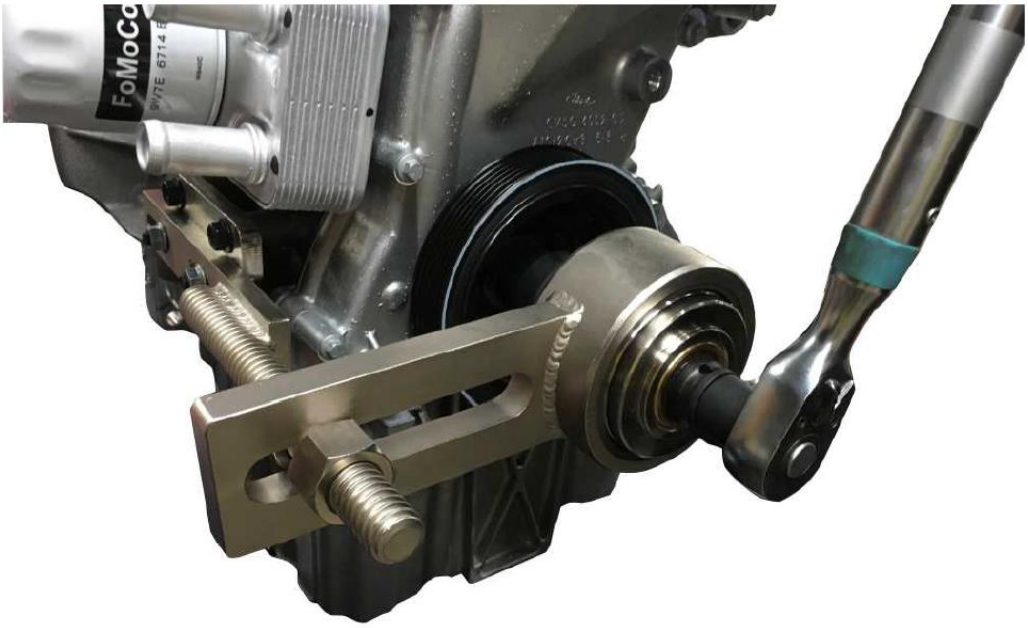
PRODUCT SHEET

Application Image



PRODUCT SHEET





Associated Tools

7468-10506 – GAT5150 – Petrol engine Setting / Locking Tool kit

7468-11255 – GAT5252 – Crank Seal Installer