



NEW PRODUCT INTRODUCTION

Part No.	Description
AST5155	1.5/1.6 Ti-VCT & Ecoboost (Belt) Petrol Engine Setting/Locking Tool Kit

Introduction:

Introduced in Ford & Volvo models in 2010, the 1.6 Ecoboost is a 4 cylinder turbocharged, belt driven unit with. The toothed belt runs in a conventional manner from the crankshaft sprocket to the twin camshaft variable valve timing sprockets. The turbocharger on this engine is incorporated into the exhaust manifold to reduce warm-up time and improve efficiency. The 1.5 variants of the Ecoboost and Ti-VCT engines are very similar in design to their larger capacity counterparts.

AST5155 will supersede AST4930 and will cover engine setting/locking applications for existing 1.5/1.6 Ti-VCT engines as well as new 1.5/1.6 Ecoboost engines.

Applications & Engine codes:		1.5 SCTi	1.6 SCTi	1.6 Ti-VCT	1.6 GTDi
FORD		M8DA	JQMA	HXDA	B4164T
		M8DB	JQMB	HXDB	B4164T2
Fiesta	Kuga	M8MA	JTMA	HXJA	B4164T3
Focus	S-Max	M9DA	JQDA	HXJB	B4164T4
B-Max	Galaxy	M9DB	JQDB	IQDA	
C-Max	Mondeo	M9MA	JQGA	IQDB	
Grand C-Max	Transit Connect	UNCA	JTBA	IQJA	
Ecosport	Tourneo Connect	UNCB	JTBB	KGBA	
		UNCC	JTDA	PNBA	
		UNCD	JTDB	PNDA	
VOLVO		UNCE	JTWA	PNDD	
S60	V40	UNCF	JTWB	RHBA	
S80	V60	UNCJ	JTJA	RVJA	
V70	V70	UNCK	JTJB	SIDA	
				XTDA	
		1.5 Ti-VCT		XTDB	
		UEJB		MUDD	
				MUDA	
				U5JA	

AST5155 Comprises:

AST Ref	Description	OE Reference
AST3032-21	Crankshaft Locking Pin	303-748
AST4931	VCT Setting Tool	303-1097
AST4832	Flywheel Locking Tool	303-393(A) / 303-393-02
AST4640T7	Tensioner Locking Pin	303-1054
AST5156	Crankshaft Pulley Setting Tool	303-1550
AST5157	Camshaft Setting Plate	303-1552
AST5158	Injector Seal Installer	310-128





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Associated tools:

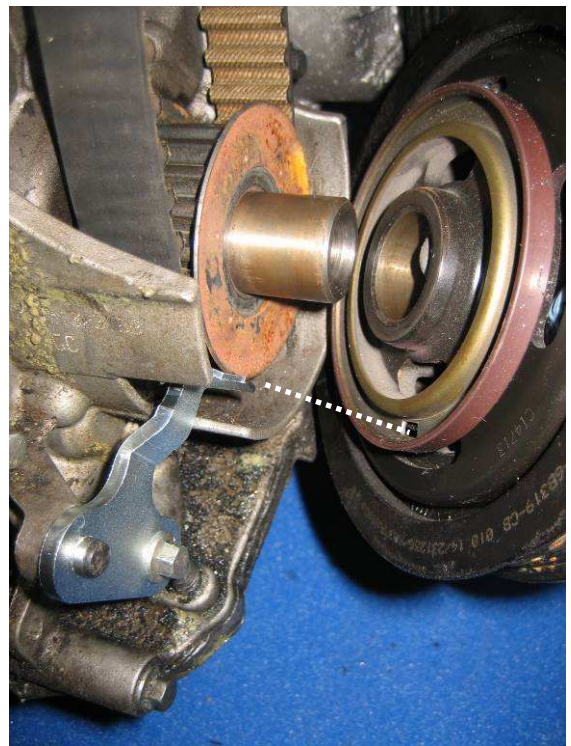
AST4844 – Camshaft Sprocket Holding Tool OE Ref: T10172 / 205-072



Application images:



Camshaft Setting plate



Crankshaft pulley Setting Tool