Applications

Make	Model	Year	Type
Ford	Fiesta	2002–2011	
	Fusion	2002–2011	
	C–MAX	2007–2010	
	Focus	1998–2011	
	Focus C–MAX	2003–2007	
	Courier	2000–2002	TDCi ECOnetic Turbo TDdi
	Tourneo Connect	2002–2013	
	Transit Connect	2002–2013	
	Mondeo	2007–2010	
	Galaxy	2006–2010	
	S–MAX	2006–2010	
	Kuga	2008–2010	
Mazda	2	2002–2010	

Engine Code	
1.4	F6JA, F6JB, F6JC, F6JD
1.6	HHJA, HHJB, G8DA, G8DB, HHDA, HHDB, HHJD
1.8	RTN/RTQ, RTP, C9DC, BHDA/B, BHPA, C9DA/B, F9DA/B, FFBA, FFDA, FFWA, HCPA HCPB, KKDA, P7PA, P9PA, QYWA, R2PA, R3PA, RWPA, QYBA
2.0	AZBA, AZWA, G6DA, G6DB, G6DC, G6DD, G6DE, G6DF, QXWA, QXWB, QXBA

SONIC
equipment

Instructions

Engine Timing Kit
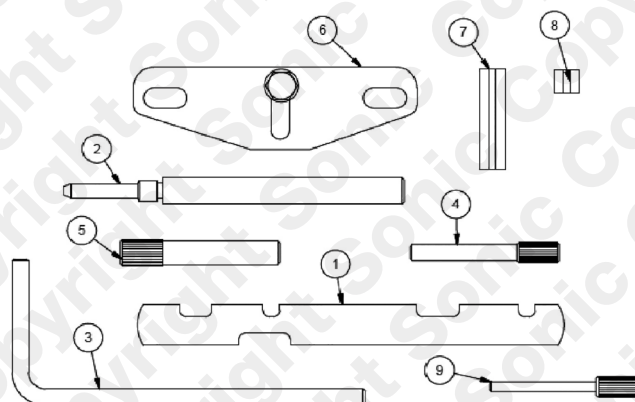## Ford Duratorq (TDCi) Belt Driven Diesel – 1.4, 1.6, 1.8, 2.0

829043 - Engine Timing Kit

Description:
The 829043 kit has been developed specifically designed for the Ford 1.4lt, 1.6lt, 1.8lt and 2.0 belt driven diesel engines.
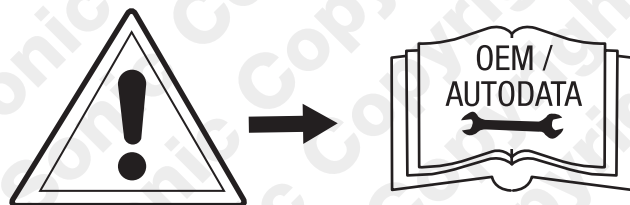
Components

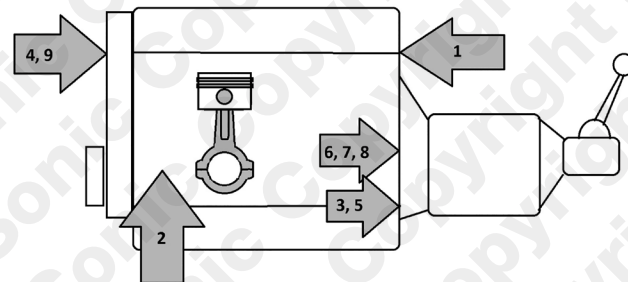| Ref	Comp	OEM	Description
1	4880050	303-376B	Camshaft Alignment Strap
2	4880070	21-104 , 303-193	TDC Setting Pin
3	4880068	303-1059	Crankshaft Timing Pin
4	4880096	303-735, 21-263	Locking Pin (8 Dia. 70 Long)
5	4880064	303-734, 21-262	Flywheel Locking Pin (12 x 55)
6	4880061	303-393, 21-168	Flywheel Locking Tool-Ford
7	4880062	303-393-01	Tooth Block Item 2
8	4880063	303-393-02	Short Tooth Block
9	4880090	303-732, 21-260	Crankshaft/Fuel Pump Alignment Tool 5.0mm (5 x 50) x2

Instructions

The following instructions are for guidance only. Please refer to OEM derived data such as the vehicles manufactures own data or Autodata. The use of these engine timing tools is purely down to the user's discretion and Sonic cannot be held responsible for any damage caused what so ever.
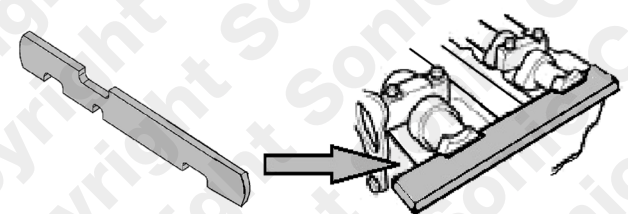

OEM / AUTODATA

Instructions

Note: when tightening or loosening the camshaft or crankshaft sprockets always hold with a suitable wrench or holding tool.
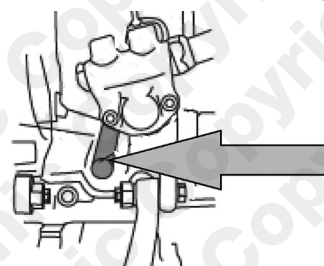

Component Descriptions:
Component 1 - Camshaft Alignment Strap
Components 1 is used to lock both the camshafts in their timed position independently of the camshaft pulleys.
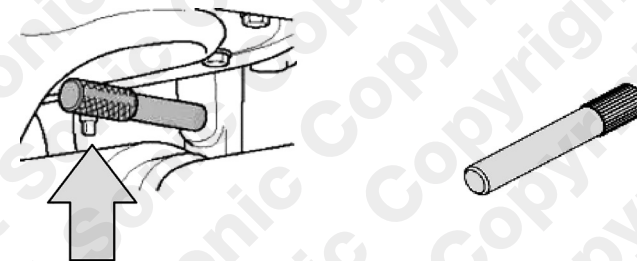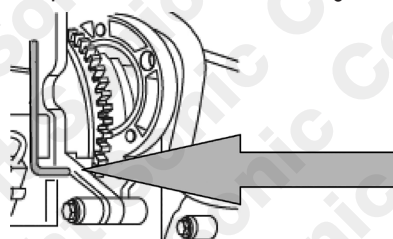

Component 2 - Crankshaft Alignment Pin
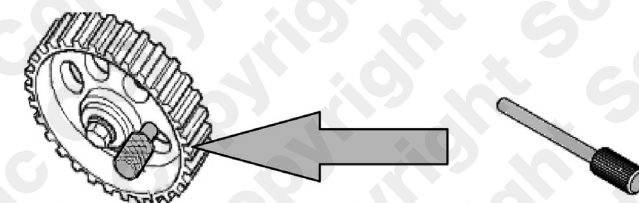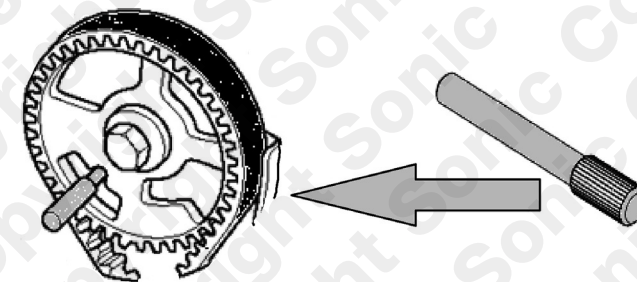Turn the crankshaft to just before TDC and insert component 2. Turn the crankshaft until it contacts component 2.

Component 3 & 5 - Crankshaft Timing Pin

Component 4 & 9 - Camshaft Alignment Pins

Components 6, 7 & 8 - Flywheel Locking Tool
Components 6, 7 & 8 are used together to hold the flywheel in place of the starter motor to allow tightening and loosening of the front crankshaft pulley.