Applications

Make	Model	Type	Chassis	Years
BMW	1 Series	116d	(E81/82/87/88) (04–1 (F20/21) (11–15)	2008–2015
		118d		
		120d		
		123d		
		116d EfficientDyna.		
		118d/xDrive		
		120d/xDrive		
	2 Series Coupe	218d	(F22) (14–)	
		220d		
	3 Series	316d	(E90/91/92/93) (05–1 (F30/31) (12–)	
		318d		
	3 Series Gran Tourismo	320d	(F34) (13–)	
		320d EfficientDyna.		
		318d/xDrive		
		320d/xDrive		
	4 Series Cabriolet	420d	(F33) (14–)	
	4 Series Gran Tourismo	420d/xDrive	(F36) (14–)	
	5 Series	520d	(E60/61) (03–10) (F10/11) (10–)	
		518d		
	5 Series Gran Tourismo	520d	(F07) (09–)	
		520d EfficientDyna.		
		520d/xDrive		
		520d GT		
	X1	sDrive18d	(E84) (09–)	
		sDrive20d		
		sDrive20d EfficientDyn.		
	X3	xDrive 20d	(E83) (03–10)	
			(F25) (10–)	
	X5	sDrive25d	(F15) (13–)	

Engine Code

1.6	N47 D16, N47 D16C
2.0	N47 D20A/K0, N47T D20U1, N47T D20O1, N47T D20K1, N47S D20D/T0, N47S D20B/D/T0, N47 D20U0, N47 D20O1, N47 D20O0, N47 D20D/T1, N47 D20D, N47 D20C/U1, N47 D20C/01, N47 D20C/O, N47 D20C/K1, N47 D20C/01, N47 D20C, N47 D20A/U0, N47 D20A/O0, N47 D20A, N47

Our products are designed to be used correctly and with care for the purpose for which they are intended. No liability is accepted by Sonic for incorrect use of any of our products, and Sonic cannot be held responsible for any damage to personnel, property or equipment when using the tools. Incorrect use will also invalidate the warranty.

If applicable, the applications database and any instructional information provided has been designed to offer general guidance for a particular tool's use and while all attention is given to the accuracy of the data no project should be attempted without referring first to the manufacturer's technical documentation (workshop or instruction manual) or the use of a recognised authority such as Autodata.

It is our policy to continually improve our products and thus we reserve the right to alter specifications and components without prior notice. It is the responsibility of the user to ensure the suitability of the tools and information prior to their use.

SONIC
equipment

Instructions

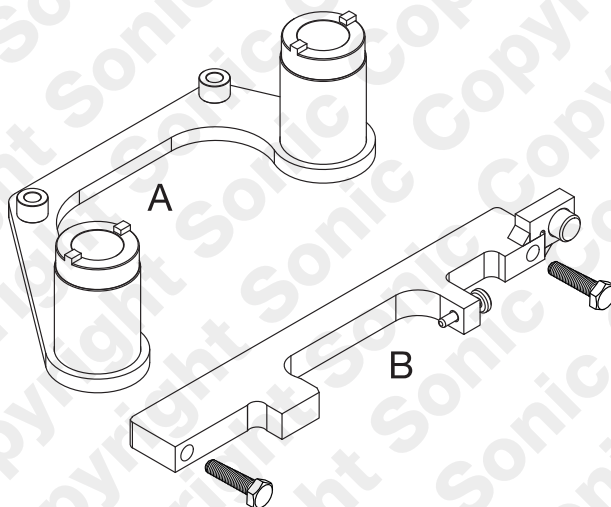# Balance Shaft Setting Kit
BMW Diesel N47 - 2.0

829097 - Balance Shaft Setting Kit

829097 has been designed to set the balance shafts on BMW N47
Diesel engines when the balance shafts have been disturbed also
includes the Crankshaft setting bridge required to set the crankshaft in
its bottom dead centre (BDC) number 1 position.(see application list).

Components

Ref	Comp	OEM	Description
A	4880292	11 8 750	Balance shaft alignment tool
B	4880292	11 8 790, 11 8 791, 11 8 793	Crankshaft Alignment tool

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

@ BDC No.1