

LASER[®]

6951



Vibration Damper Holding Tool 1.8/2.0 TFSi/TSi VAG



This is an essential item required to maintain the engine timing when removing the front vibration damper.

- Applications: Audi, Seat, Skoda, Volkswagen.
- Equivalent to OEM T10531.

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Introduction

A comprehensive kit used for dismantling and assembling the vibration damper on the vehicles listed. The vibration damper fitted to the VAG 1.8/2.0 TFSi/TSi engines is held in place by a single central bolt. The pulley clamps the crankshaft timing chain sprocket against the end of the crankshaft, there is no traditional key way and the sprocket is not supported by the crankshaft. If the pulley bolt is removed without using this tool the crankshaft chain sprocket can easily separate from the crankshaft causing the timing position to be lost.

This essential kit is required to maintain the engine timing when removing the front vibration damper and should be used whenever the vibration damper is removed for instance when replacing the front crankshaft oil seal.

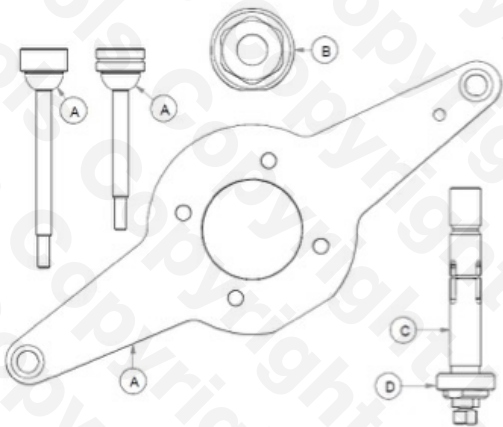
N.B: for replacement of the camshaft drive chain additional tooling will be required – see Laser Tools Part No 5981 Engine Timing Kit and Part 5920 Crankshaft Holding Tool. This kit can also be used on earlier engines as the VAG tool T10531 replaces the older tool T10368.

Engines covered include: 1.8/2.0 TFSi/TSi petrol engines from 2007 onwards.

Applications include: Seat, Skoda, Audi & Volkswagen ranges.

Equivalent to OEM tools – T10531/1, T10531/2, T10531/3, T10531/4.

Components



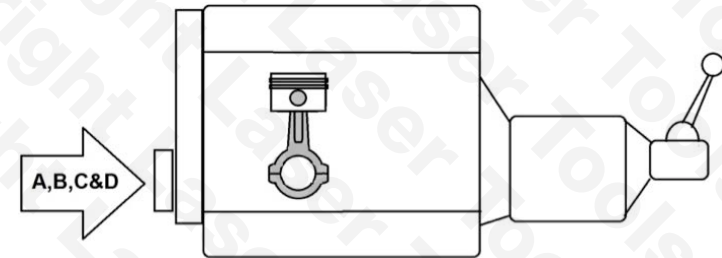
Ref.	Comp. Code	OEM Ref.	Description
A	C810	T10531/1	Vibration Damper Holding Tool
B	C811	T10531/3	Crankshaft Sprocket Holding Tool Adapter
C	C812	T10531/2	Crankshaft Sprocket Holding Tool
D	C813	T10531/4	Crankshaft Sprocket Holding Tool Nut

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 this vibration damper holding tool is purely down to the user's discretion and The Tool Connection Ltd cannot be held responsible for any damage caused what so ever.



Preparation

Turn the engine to TDC on No1 cylinder

Holding the crankshaft pulley with a suitable holding tool (Laser 5920) loosen the vibration damper fixing bolt by 180° (1/2 a turn).

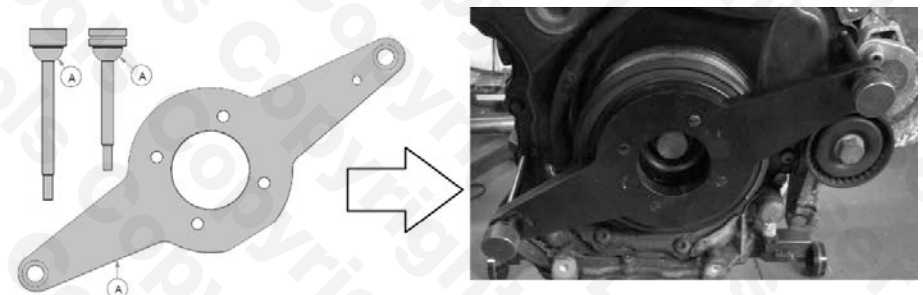
Remove the 2 engine front cover fixing bolts as identified in the instructions for component A. VAG OEM instructions require these bolts to be replaced with new bolts.

WARNING: do not remove the bolt without putting component's A in place as described below.

Component A - Vibration damper holding tool

After loosening the crankshaft vibration damper fixing bolt by 180° fit components A over the vibration damper as shown and tighten the 2 fixing screws evenly so the holding tool sits squarely on the pulley. Tighten fixing bolts hand tight. Once component A is fitted the damper fixing bolt can be removed.

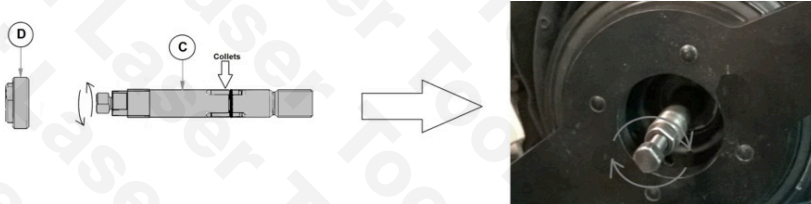
NOTE: the fixing screws for A are designed to screw into the angled front face of the engine.



Instructions

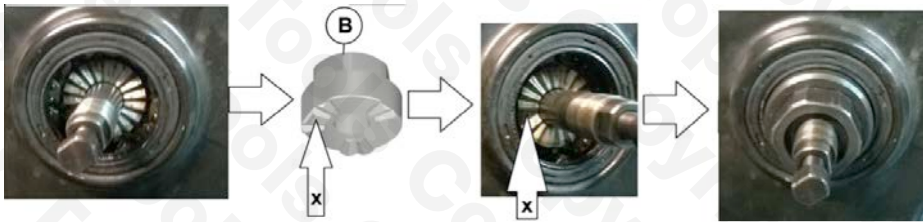
Component C - Crankshaft sprocket holding tool

Loosen off the end bolt of component C so the split collet components are fully retracted and insert the assembly into the end of the crankshaft and screw it in as far as it will go. Turn the end bolt clockwise so that the split collet components of C expand and grip the crankshaft sprocket inside the engine. Now component A can be removed with the vibration damper.



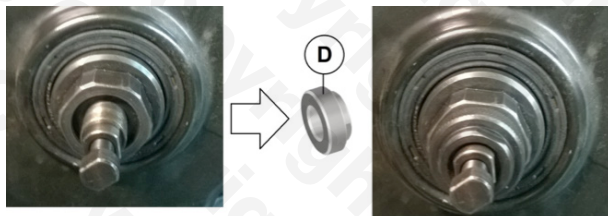
Components B - Crankshaft sprocket holding tool adaptor

Fit component B as shown, ensure the larger tooth on component D corresponds with the larger tooth on the crankshaft sprocket as shown by X.



Component D - Crankshaft sprocket holding tool nut

Fit the holding tool nut D and tighten. If required the crankshaft is now safe to turn by turning the larger Hex of D. Only turn the engine over with the spark plugs removed.



Fitting of Vibration Damper

The fitting of the vibration damper is the reverse of the above process. **WARNING:** it is very important not to remove component C until component A has been re-installed.



Applications

Make, Model, Range, Year			
Audi	A1 / Sportback	8XF, 8XK, GBA	2015 - on
	A3 / Sportback / Cabrio	8PA, 8P1, 8P7, 8VS, 8VA, 8V7, 8VM, 8VF, 8VE	2007 - on
	A4 / allroad / quattro	8K2, 8K5, 8KH, 8W2, 8W5, 8WH	2007 - 2019
	A5 / Sportback / Cabrio	8T3, 8TA, 8F7, F53, F5A, F57	2007 - 2019
	A6 / quattro	4GC, 4GD	2011 - 2018
	A6	4A2, 4A5	2019 - on
	A7	4GF	2014 - 2018
	A8	4H	2012 - 2015
	Q2	GAB	2016 - on
	Q3	8UB, 8UG	2011 - 2018
	Q5	8RB, FYB	2008 - 2019
	Q7	4MB	2015 - 2018
	S1/S1 Sportback	8XF, 8XK	2014 - 2019
S3/ Sportback/ Cabrio	8VS, 8VA, 8V7, 8VM, 8VF, 8VE	2013 - on	
TT	8J3, 8J9, FV3, FV9, FVP, FVR	2008 - on	
Seat	Alhambra	710, 711	2010 - 2018
	Altea/Altea XL	5P1, 5P5, 5P8	2006 - 2015
	Ateca	KH7	2017 - 2018
	Exeo	3R2, 3R5	2010 - 2013
	Ibiza	6P1, 6P5, 6P8	2015 - 2017
	Leon / Leon ST	1P1, 5F1, 5F5, 5F8	2007 - on
	Toledo	SP2	2007 - 2009
Skoda	Kodiaq	NS7	2017 - 2020
	Octavia II, III	1Z3, 1Z5, 5E3, 5E5	2007 - 2018
	Superb II, III	3T4, 3T5, 3V3, 3V5	2008 - on
Yeti/Yeti Outdoor	5L6, 5L7	2009 - 2015	
Volkswagen	Amarok	2Hx, S1B	2010 - 2016
	Arteon	3H7	2017 - on
	Beetle	5C1, 5C7	2011 - 2016
	CC	358	2012 - 2015
	Eos	1F7, 1F8	2008 - 2015
	Golf	1K1, 5K1, AJ5, 517, 5G1, BA5, BQ1, BV5	2007 - on
	Jetta V	1K2, 162, 163	2008 - 2018
	Passat	3C2, 3C5, 362, 365, 3G2, 3G5, 357	2007 - on
	Polo	6C1, AW1	2014 - on
	Scirocco	137, 138	2008 - 2017
	Sharan	7N1, 7N2	2011 - 2018
	Tiguan	5N1, 5N2	2007 - 2016
	Tiguan/Allspace	AD1, BW2	2016 - on
	Touareg	CR7	2018 - on
	Touran	5T1	2015 - 2018
	T-Roc	A11	2017 - on
	Transporter T5	7H, 7J, 7E, 7F	2011 - 2015
Transporter T6	SFx, SGx	2015 - on	

Applications

Engine Codes		
1.8 TSI/TFSI	CJXB	35 TFSI MHEV
BPU	CJXC	DLVB
BYT	CJXD	40 TFSI MHEV
BZB	CJXE	DEMA
CABA	CJXF	DKYA
CABB	CJXG	DLVA
CABD	CJXH	40 TFSI
CDA	CNCB	DKZA
CDAB	CNCD	DKZB
CDHA	CNCE	DKZC
CDHB	CPLA	
CGYA	CPPA	
CJEB	CPSA	
CJED	CULA	
CJEE	CULB	
CJSA	CULC	
CJSB	CVKB	
CJSC	CVLA	
CYGA	CWZA	
DAJB	CXDA	
2.0 TSI/TFSI/vRS	CYNB	
CAWA	CYPA	
CBFA	CYPB	
CCTA	CYRC	
CCZA	CYRC	
CCZB	CZPA	
CCZC	CZPB	
CCZD	CZPC	
CDNB	DAJA	
CDNC	DAJB	
CDND	DAXB	
CESA	DEDA	
CETA	DGVA	
CFKA	DHGA	
CFPA	DJHA	
CHHA	DJHB	
CHHB	DJHC	
CHHC	DKTA	
CHJA	DKTB	
CJKA	DKZA	
CJKB	DKZC	
CJSA	DLBA	
CJSC	DNUC	
CJXA	DNUE	

Always refer to the website for most up to date applications:

www.lasertools.co.uk/product/6951



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Safety First. Be Protected.



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Guarantee



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