



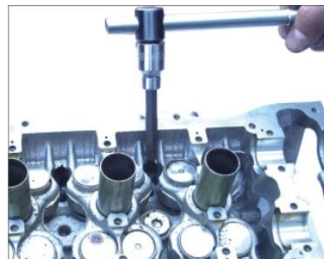
JTC-1116 VW, AUDI SPARK PLUG ELECTRIC WIRE REMOVER

- The tool is designed to separate the electric wire from spark plug.
- Applicable: VW



JTC-1216 1/2" x M10S CYLINDER HEAD BOLT TOOL

- The 140mm length allows easy access to recessed head bolts.
- Comes with 1/2" drive for use with a torque wrench.
- Used for VW, AUDI cylinder head bolts.



JTC-1303 VW OIL SCREW SOCKET M16H

- Operated by 17 m/m wrench
- Special design for using in narrow spaces.
- Applicable: VW, AUDI oil screws
- Size: M16H tamperproof





JTC-1327 EXHAUST SPRING CLAMP REMOVER / INSTALLER

- Essential for safe, controlled removal of clamps attaching exhaust to manifold.
- Special design provides "leverage" required to expand the strong spring clamps.
- Applications: VW, AUDI



JTC-1367 TRANSMISSION / GEARBOX SOCKET (1/2" x M16H)

- Special tamperproof design for removing and installing the oil release bolt on the transmission and gearbox.
- Applicable: AUDI A3 / A4 / A6 and GOLF IV / LT.
- Length: 60mm



JTC-1368 VW, AUDI MULTI-SPLINE SOCKET (M14)

- Special design for removing and installing the bolts of the upper ball joint.
- Applicable: VW, AUDI
- Length: 60mm





JTC-1427 VW, AUDI V-BELT PULLEY REMOVER

- Special design to stop the pulley and remove the centre bolts and the V-belt pulley at the generator.
- Use with 17mm wrench.
- Applicable: VW GOLF, VENTO, PASSAT, AUDI A3, and VOLVO.



JTC-1428 VW, AUDI CAMSHAFT ALIGNMENT TOOL SET

- Convenient for working and fixing on crankshaft and making crankshaft fix.
- Applicable: VW, AUDI 1.4 / 1.6L, and VW LUPO, POLO, GULF IV, BORA / AUDI A2



JTC-1431 VW, AUDI CAMSHAFT ALIGNMENT TOOL SET

- Contents:
 - Injection pump locking pin
 - Tensioner locking tool
 - Crankshaft locking tool
- For use on AUDI, VOLKSWAGEN, SEAT, SKODA WITH TDI PD, and V6 engine.

JTC-1431



車上零件:
038105263F



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JTC-1432 VW AIRBAG REMOVER

- To remove driver's airbag from steering wheel.
- Applicable: 1999-04 new body style VW PASSAT, JETTA, GOLF and BEETLE.



JTC-1443 VW 3-IN-1 BOSCH TIMING TOOL

- Suitable for timing Bosch VE injection pumps.
- Includes M8, M10, and M12 adapters.
- Use in conjunction with Dial gauge.
- Applicable: Bosch VE fuel pump, Diesel Kiki, and Nippondenso pumps.



JTC-1518 CRANKSHAFT LOCKING PIN

- Special design to fix crankshaft angle.
- Corrects timing adjustment.
- Size: M12 X P1.5
- Applicable: V6, V8 engine



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JTC-1519 CRANKSHAFT LOCKING PIN

- Special design to fix the crankshaft angle.
- Corrects timing adjustment.
- Size: M18 X P1.5
- Applicable: V6, V8 engine



JTC-1525 VW, AUDI BELT TENSION ADJUSTER

- Curved design for using on the narrow space for vehicle.
- Adjust angles while its two knurled points holding on the axle center of idle.
- Application: VW, AUDI, SKODA, SEAT
- VM number: V159



JTC-1526 VW, AUDI FUEL TANK LID WRENCH

- 3-slot points to fit on the lid fuel tank.
- Use with 1/2" Drive Wrench.
- Application: VW, AUDI, SKODA, SEAT



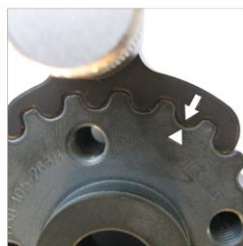
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JTC-1547 CRANKSHAFT LOCKING TOOL

- Special design to lock the crankshaft on VW-AUDI, SEAT, SKODA, and 2.0 TDI ENGINE.

JTC-1547



車上零件:
038105263H



JTC-1562 3/4" x M18 IMPACT SOCKET

- Specially designed for fixing the rear wheel axle screws.
- Applicable: VW, AUDI
- Length: 88mm



JTC-1718 VW, AUDI STRUT NUT SOCKET

- Use for removing and installing the top shock retaining nut on most FWD, VW and AUDI.
- Fits into slot in the top of the strut retaining nut 22mm (7 / 8") hex for use with a wrench.



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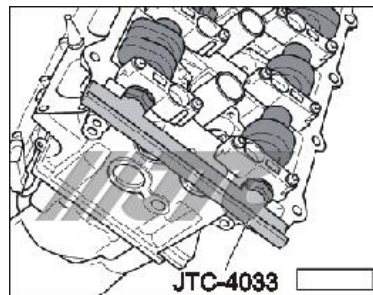
JTC-4029 VW OIL SCREW SOCKET M14

- As narrow space, operate the designed tool with 14mm wrench to remove oil screw.
- Size: M14
- Total length: 30mm
- Applicable: VW, AUDI



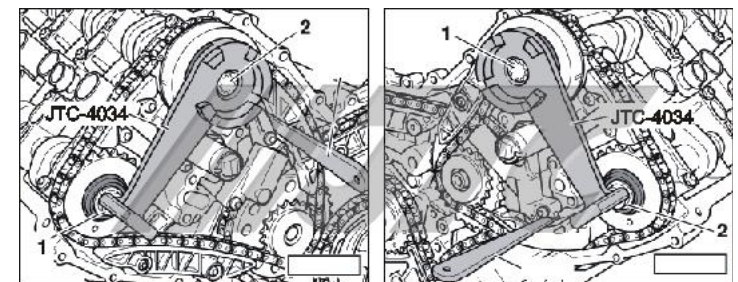
JTC-4033 VW, AUDI CAMSHAFT ALIGNMENT TOOL (4.2)

- For locking camshafts when checking valve timing.
- Applicable: AUDI A6L, A8L 4.2 engine
- Engine model: V8 BAT 4.2 engines
- VM number: T40046



JTC-4034 VW, AUDI ENGINE TIMING TOOL SET (4.2)

- Special designed to install Hall sender screens into crankshaft adjuster when setting the crankshaft timing.
- Applicable: AUDI A6L, A8L 4.2 engine
- Engine model: V8 BAT 4.2 engines
- VM number: T40047

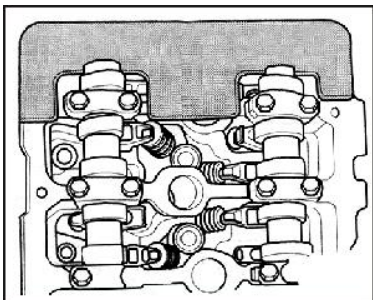


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**JTC-4036 VW, AUDI ENGINE TIMING TOOL SET
(4-VALVE, W8, W12)**

- Special designed to hold and align the camshaft.
- Applicable: Golf 1998 ~, Bora 1999 ~, Passat 1997 ~, Sharan 1996 ~, Touareg 2003 ~, Phaeton 2003 ~, Transporter 1991 ~, AUDI A8 1994 ~, AUDI TT 1999 ~
- Engine model: 6-cylinder injection engine (4-valve), 8 cylinder injection engine (W8), 12-cylinder injection engine (W12)
- VM number: T10068A



JTC-4037 VW, AUDI ENGINE TIMING TOOL SET (TFSI)

- Special designed to align camshafts when adjusting timing.
- Applicable: AUDI A6 2005~, Q5 2.0T, A6L 3.0T
- Engine model: 6-cylinder Petrol direct injection 2.8L 4V engine, Mechanics
- VM number: T40133



JTC-4051 VW, AUDI INJECTOR SEAT CLEANING SET

- Suitable for 2.0 TDI engine from VAG group.
- To clean the contact surface between the injector and engine head when making the replacement.
- Include cutter holder can made straight and correct to attach when cleaning.
- Insert the extension bar in to the cutter for deep-hole cleaning.





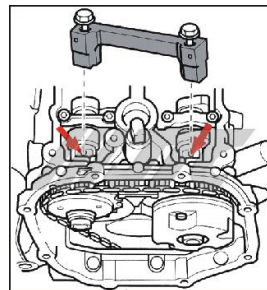
JTC-4083 VW, AUDI 7-SPEED DSG CLUTCH INSTALLER & REMOVER

- Specially designed to install and remove the clutch of gearbox.
- Applicable: VW, AUDI 7-speed clutch gearbox



JTC-4086 VW, AUDI TIMING TOOL SET (V6, 3.2FSI)

- Special designed set of tools for alignment camshaft locking and adjusting.
- With a camshaft adjusting socket.
 - VW number: T40058
- With 2 camshaft stopping pins
 - VW number: T40071
- Applicable:
 - VAG A4/ A6/ A8 3.2 FSI with engine AUK
 - A6L/ Quattro 2.4 with engine BDW



JTC-4087 VW, AUDI TIMING TOOL SET (TFSI)

- A complete set for alignment, adjustment the camshaft, replacement the timing chain and etc.
- To improve your working speed with this complete set.
- Applicable: AUDI Q5 2.0, A6L 2.8, 3.0T



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JTC-4089 CRANKSHAFT LOCKING PIN

- Special design to fix the crankshaft angle.
- Corrects timing adjustment.
- Size: M14 X P1.5
- Applicable: 2.0, 2.4, 2.8, 3.0, 3.2 FSI



JTC-4094 VW, AUDI 6-PCS SOCKET SET (12PT)

- Specially designed for using in suspension struts, brake, calipers, transmission screws, oil screws, and wheel bearing area etc. of VW, AUDI group.
- Contents:
 - 4 pcs 1/2" Dr. x 78mmL: M12, M14, M16, M18
 - 1 pc 14mm hex Dr. x M14 30mm L
 - 1 pc 17mm hex Dr. x M16H 32mm L (tamperproof)



JTC-4102 VW, AUDI CAMSHAFT ADJUSTING SOCKET (A3)

- Special 2-inner pins designed to turn the camshaft into position.
- Applicable: AUDI A3, 1.8L 4V, TFSI engine 2004 >
- VW number: T10352

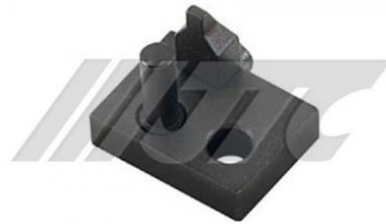
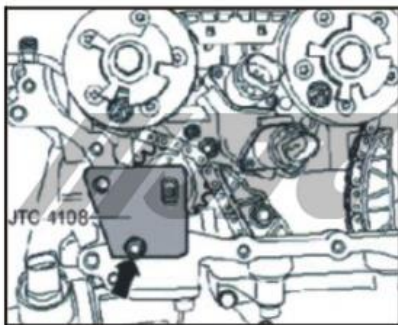


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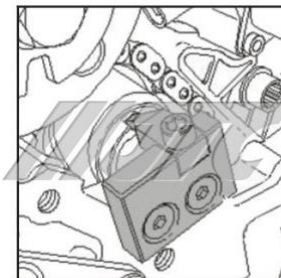
JTC-4108 VW, AUDI DRIVE SPROCKET SETTING TOOL

- Secure position of high pressure pump chain drive sprocket using setting tool.
- Used on vehicles with mechanical vacuum pump.
- Applicable: Passat 2006 >, Touareg 2003 >, AUDI Q7 2007 >, and diesel engine.
- VM number: T10363



JTC-4109 VW, AUDI DRIVE SPROCKET SETTING TOOL

- Secure position of high pressure pump chain drive sprocket using setting tool.
- Used in vehicles without mechanical vacuum pump.
- Applicable: Passat 2006 >, Touareg 2003 >, AUDI Q7 2007 >, and diesel engine.
- Used when adjusting valve timing on 3.0, 3.6 liter 6-cylinder 4V engine.
- Engine type: BLV, BHL, BHK
- VM number: T10332



JTC-4112 VW, AUDI FUEL TANK LID REMOVER

- Specially designed to remove fuel tank lid for diesel and petrol cars.
- Applicable: VW, AUDI, A6L, A8





JTC-4121 VW, AUDI TIMING ALIGNMENT TOOL

- Used for V6 engines, to adjust valve position and fix gear wheel of camshaft.
- Applicable:
 - VW Passat 2006 ~
 - Touareg 2003 ~
 - Phaeton 2006 ~
 - AUDI Q7 2007 ~
- VM number: 3036



JTC-4140 VW, AUDI CAMSHAFT ADJUSTING SOCKET

- Special 2-inner pins designed to turn the camshaft adjusting valve.
- Applicable: AUDI A6, Q5 2008 > TFSI engine with chain 4V, 2.0T.
- VM number: 10352 / 1



JTC-4141 VW, AUDI CRANKSHAFT PULLEY HOLDING TOOL

- Special designed to hold the crankshaft pulley for removing and installing the crankshaft central bolt.
- Applicable:
 - AUDI A3, A6, Q5 2004 >
 - TFSI engine with chain 1.8T, 2.0T 4V



JTC-4152 VW, AUDI DIESEL INJECTOR REMOVER KIT

- Specially designed to remove the seized diesel injector from VAG TDi engines.
- Applicable: VAG TDi 1.6 (2010 >), and 2.0 (2011 >).
- Patented.



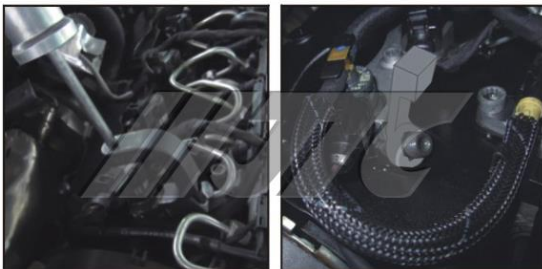
JTC-4172 VW, AUDI TIMING TOOL SET (TDi V6 & V8)

- Specially designed tool for camshaft locking and adjusting.
- Applicable:
 - VAG 2.7/3.0 TDi V6, and 4.0/4.2 TDi V8 Chain Drive
 - AUDI: A4, A5, A6, A8, Q5, Q7 diesel engine
 - VW: Phaeton, Touareg diesel engine



JTC-4180 VW, AUDI FLYWHEEL HOLDER

- To fix flywheel plate for removing and installing pulley.
- Applicable: VW, AUDI
- VM code: 3067





JTC-4185 VW, AUDI CAMSHAFT ALIGNMENT TOOL SET (7 PCS)

- Contents:
 - Injection pump locking pin
 - Tensioner locking tool,
 - Crankshaft locking tool
- To use on VW, AUDI, SEAT, SKODA with 1.9, 2.0 TDI PD DOHC engine.



JTC-4188 VW, AUDI VALVE SPRING COMPRESSOR

- This tool is used for removing the valve springs of VAG cars.
- Applicable: 4 cylinder 1.8L Turbo (5V) AUDI A4 and PASSAT B5 engines.
- VM number: 3362



JTC-4216 VW, AUDI CAMSHAFT TIMING ALIGNMENT TOOL (1.2 FSI)

- For alignment camshaft locking and adjusting.
- Applicable: VW Polo, Golf, Beetle, Caddy, SKODA, AUDI 1.2FSI engine
- VM number: T10414



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JTC-4230 VW, AUDI CAMSHAFT ALIGNMENT PIN SET

- Specially designed to push the sliding pieces onto camshaft.
- Applicable: Audi A4 (08 ~), Q5 (09 ~) 4 -cylinder Petrol direct injection 2.0 turbo, 4V engine.
- VM number: T40196



JTC-4259 VAG FLYWHEEL LOCKING TOOL

- Designed for VAG group 1.9 TDI diesel engine for flywheel locking.
- Applicable: VW and SKODA 1.9 TDI engine use



JTC-4282 VAG OIL SEAL PULLER (25mm)

- Designed for removing oil seal on VAG engine.
- VM number: T40195





JTC-4283 VAG OIL SEAL PULLER (27mm)

- Designed to remove camshaft oil seal.
- Applicable: VW LUPO1.4, NEW POLO 1.4
- VM number: T10018



JTC-4284 VAG OIL SEAL PULLER (32mm)

- Specially designed to remove crankshaft, and camshaft position sensor seals.
- Applicable: VAG all engines except diesel
- VM number: 3203



JTC-4285 VAG OIL SEAL PULLER 32MM (LONG)

- Designed to remove two sides front camshaft oil seals.
- Applicable: VW VR6, AUDI V6
- VM number: 3240



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JTC-4286 VAG OIL SEAL PULLER (35mm)

- Designed to remove front crankshaft pulley seal at the vibration damper.
- Applicable: VW & AUDI late models
- VM number: 2085



JTC-4287 VAG OIL SEAL PULLER (55mm)

- Designed to remove front crankshaft pulley seal at the vibration damper.
- Applicable: VW & AUDI late models
- VM number: 2085



JTC-4305 VAG WHEEL HUB BEARING TOOL SET

- Specially designed for installing and removing the wheel hub bearing.
- Operational on car
- External diameter of 4 bearing fixing discs: $\phi 62$, $\phi 66$, $\phi 72$, $\phi 85$
- Applicable: VW Lupo , Polo, T5 Touareg , Skoda, SEAT



INSTALL



REMOVE

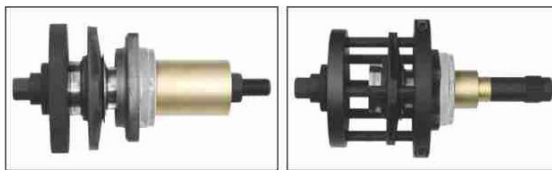


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JTC-4308 AUDI WHEEL HUB BEARING TOOL SET-90mm

- Specially designed for installing and removing the wheel hub bearing.
- Operational on car.
- External diameter of bearing fixing discs: $\phi 90\text{mm}$
- Applicable: AUDI A4 / S4, A6 / S6, A8 / S8, R8



INSTALL

REMOVE



JTC-4320 VAG CAMSHAFT BELT PULLEY PULLER (6 STANDS)

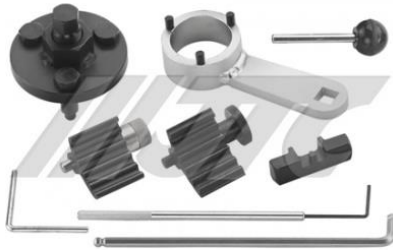
- Special puller designed to remove 5 and 6 spokes for camshaft pulleys.
- Applicable: VW / Skoda / AUDI:
 - (a) 4 & 6 cylinder TDI engines, V6-V8 engines
 - (b) 4-cylinder injection engine (2.0 liter FSI engine)



JTC-4322 VAG DUAL-CHARGING ENGINE IDLE WHEEL WRENCH (TSi)

- Special angle with 16mm open end designed for rotating the idle wheel to replace the belt easily.
- Applicable: VW, AUDI, 1.4 TSi, FTSi
- VM number: T10241





JTC-4330 VAG ENGINE TIMING TOOL SET (TDI)

- Special designed set for alignment camshaft locking and adjusting.
- VM number: 1-T20102, 2-T10050, 3-T10100, 4-T40098, 5-T10265, 6-T10264, 7-T10051, 8/9-T10052, 10-T10255
- Applicable: AUDI, VW, SEAT 1.6, 2.0 TDi engine from 2007
- Engine code: FCA, CAAA, CAAB, CAAC, CAYB, CAYC, CAGA, CAHA, CAGB, CAHB, CAGC, CAVA, CBAB, CBAC, CBBB, CBAA, CBDA, CBDC, CBDD, CCHA, CFFB



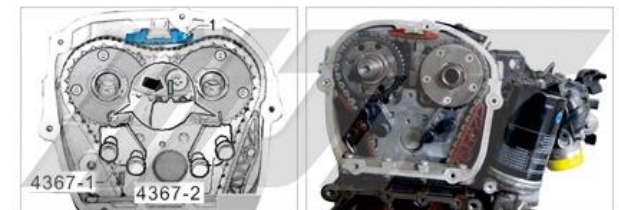
JTC-4351 VAG INJECTOR REMOVER SET (TSI)

- Specially designed to remove the sized injector from VAG engines.
- To pull out the injector with slide hammer.
- Applicable: VW, AUDI 1.2T, 1.4T, 1.6T, 1.8T, 2.0T, 3.0T, 3.6, 4.2 on FSI, TFSI, TSI engine



JTC-4367 VAG CAMSHAFT PULLEY FIXING TOOL

- Special designed to fix the inlet camshaft and outlet camshaft pulley.
- Applicable: VW, AUDI 1.8, 2.0 TFSI and TSI engine.
- Engine code: CABD, CAEA, CDNB, CDNA, CAWA, CBFA, CCTA, CCIA, CAEB, CDNC, CDHA, CABA, BYT, BZB, CDAA, CABB, CDHB
- VM number: T40271 / 1, T40271 / 2





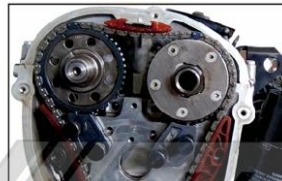
JTC-4381 VAG TIMING TOOL SET (EA211)

- Use to correct the camshaft and crankshaft timing position.
- Use while changing the time belt.
- Applicable: VAG series EA211 FSI, TSI, TFSI engine (1.0L, 1.2L, 1.4L, and 1.6L)
- VM number: T10340, T10494, T10499, T10487, T10476, T10477



JTC-4382 VAG TIMING TOOL SET (EA888)

- Use to correct the camshaft and crankshaft timing position.
- Applicable: 2006~2013 VAG series TSI, TFSI EA888 engine (1.8L, 2.0L): BYT, BZB, CABA, CABB, CABD, CADA, CAEA, CAEB, CAWA, CAWB, CBFA, CCTA, CCZA, CCZB, CCZC, CDAA, CDAB, CDHA, CDHB, CDNB, CDNC, CDND, CESA, CETA, CFKA, CGYA, CJEB, CISA, CJSB.
- VM number: T10352, /1, /2, T10368, T40196, T10354, T10060A, T40011, T40098, T40267, T40271.



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JTC-4386 VAG CAMSHAFT ADJUSTING SOCKET

- Special 2 inner pins designed to turn the camshaft adjusting valve.
- Applicable: VAG TSI, TFSI Engine
- VM number: T10352-2





JTC-4387 VAG CAMSHAFT ROTATING ALIGNMENT TOOL (1.8, 2.0 TSI)

- Specially designed to rotate the camshaft in TDC position.
- Checking and adjustment of timing.
- Applicable: VAG 1.8, 2.0 TSI engine
- VM number: FVNST9143-A, FVNST9143-B



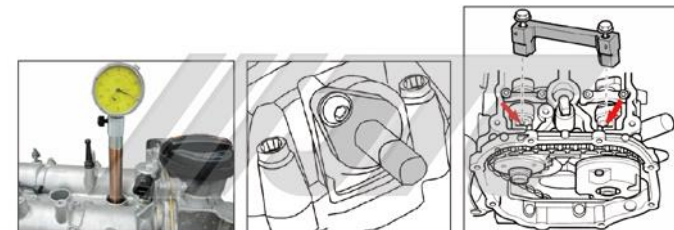
JTC-4398 VAG DOOR HANDLE REMOVAL / INSTALLATION TOOL

- For simple loosening of the locking hook which is difficult to reach when removing door handles without a locking cylinder.
- Applicable: VW, AUDI, SEAT, SKODA, etc.
- VM number: T10389



JTC-4411 VAG TIMING TOOL SET (1.2, 1.4, 1.6, 2.0, 2.4, 3.2)

- Specially designed set of tools for alignment camshaft locking and adjusting.
- Attached with a dial indicator to correct the timing position of the camshaft.
- Applicable:
 - VAG SERIES VW, AUDI, SKODA, SEAT, etc.
 - 1.2, 1.4, 1.6, 2.0, 2.4, 3.2 FSI engine



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JTC-4412 VAG TIMING TOOL SET (1.8, 2.0)

- Specially designed set of tools for alignment camshaft locking, and adjusting.
- To take and plug-on of the ignition coil off with power-output stage at VW, AUDI fuel injection engines.
- Applicable:
 - VAG SERIES VW, AUDI, SKODA, SEAT, etc.
 - 1.8L, 2.0L, FSI TSI TFSI engine



JTC-4417 CIGARETTE LIGHTER RELEASE TOOL

- Use for removing 12 volt socket.
- Application:
 - Audi A4 2001 / Audi A4 2008/ Audi Q5 2008/ Audi A6 2005/ Audi Q7 2007
 - VAG SERIES VW, AUDI, SKODA, SEAT, etc.
- VM number: T40148

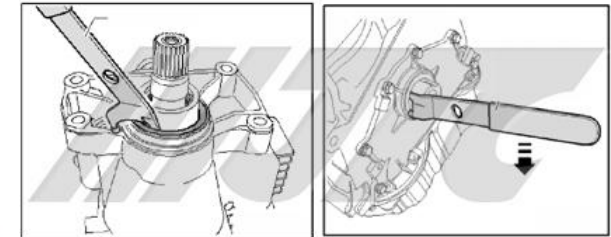


VIDEO OF INSTRUCTION



JTC-4418 VAG OIL SEAL PULLER (2 PCS)

- Use to remove oil seal of crankshaft and camshaft.
- 2 pcs, suitable for various kinds of oil seals.
- VM number: T20143

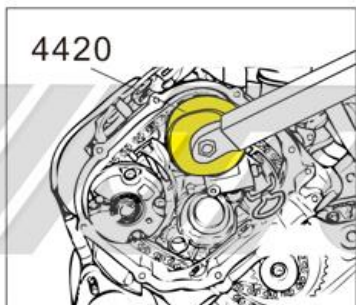


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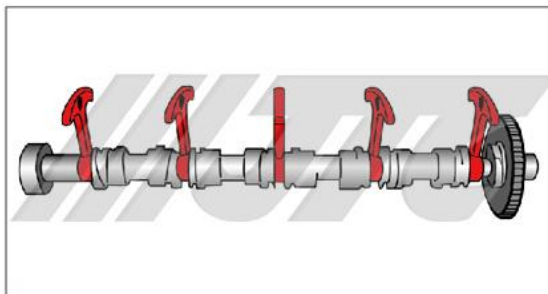
JTC-4420 AUDI CAMSHAFT ADJUSTER KEY (4.2 FSI)

- Used for adjusting and fastening camshaft.
- Fastening capacity: more than 60Nm
- Applicable: Audi RS4 2006 >, Audi A6 2005 >, Audi A8 2003 > 8-cylinder, 4V, 4.2L, FSI engine
- VM number: T40079



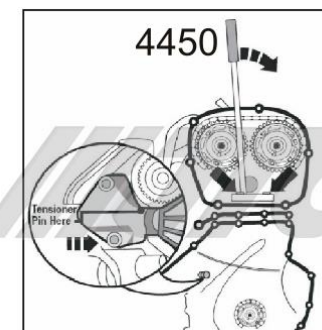
JTC-4421 VAG CAMSHAFT INSTALLATION / FIXING TOOL

- Use for location of sliding pieces on camshaft.
- 4 – cylinder gas direct injection, 2.0 liter turbo, 4V engine For Example : Audi A4 2008 >, Audi Q5 2009 > Repair Group 15
- VM number: T40191



JTC-4450 VAG BELT TENSIONER ADJUSTER (TFSI)

- Specially designed adjuster to push back the timing chain tensioner without removing the front engine cover when renewing or replacing the timing chain.
- Applicable: VAG generation III 1.8 & 2.0 TFSI 4 cylinder engine
- Engine code:
 - CDAA/CDHA/CDHB/CJEB/CDAB/CGYA on 1.8 engines
 - CCZA/CDNB/CDNC/CFKA/CCZC/CPSA/CESA/CETA/CCZB/CDND/CCZD on 2.0 engines
- VM number: T40243



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JTC-4456 AUDI WHEEL SCREW LOCK SOCKET SET (20PCS)

- This tool enables you to permit servicing of customer vehicles, even customer has lost the key.
- Applicable: AUDI after 2006
- VM number: T40073
- Contents: A(801), B(802), C(803), D(804), E(805), F(806), G(807), H(808), J(809), L(810), M(811), N(812), O(814), P(813), R(815), S(816), T(817), V(818), W(819), X(820).



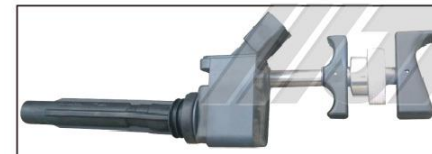
JTC-4457 VW WHEEL SCREW LOCK SOCKET SET (20PCS)

- This tool enables you to permit servicing of customer vehicles, even customer has lost the key.
- Applicable: VW Passat after 2006, Golf generation 6 and 7, Tiguan, Sharan
- Contents: #521, #522, #523, #524, #525, #526, #527, #528, #529, #530, #531, #532, #533, #534, #535, #536, #537, #538, #539, #540.
- VM number: T10313



JTC-4471 VAG IGNITION COIL REMOVER

- Specially designed to remove the pencil-type ignition coil without damage it.
- Applicable: VAG 1.2, 1.4, 1.8 and 2.0 FSi, TFSi, TSi Petrol engines since 2013.
- VW number: T10530





JTC-4472 VAG AIR CONDITIONER TUBE REMOVER

- Designed for quick release the fasteners on the air conditioner tube.
- Applicable: Audi A5 after 2007
- VM number: T40149



JTC-4473 VAG REAR LOWER CONTROL ARM BUSH REMOVER/INSTALLER (11 PCS)

- Operational on car.
- Specially designed to remove the rear lower control arm brush.
- Applicable: AUDI A3, VW Golf 4/ BORA/ New Beetle



JTC-4474 VAG LOWER CONTROL ARM BUSH REMOVER/INSTALLER (17 PCS)

- Specially designed to remove the lower control arm bush directly from the car.
- Applicable:
 - AUDI A3/S3 04~12; TT/ TTS 07~12
 - VW Golf 5/ Plus/ Variant/ 4motion 05~12
 - VW Jetta/ Syncro / EOS/ Beetle 06~12



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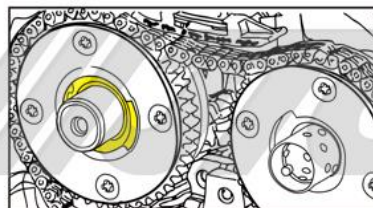
JTC-4475 VW T5 REAR LOWER CONTROL ARM BUSH REMOVER / INSTALLER

- Operational on car.
- Specially designed to remove the rear lower control arm bush.
- Applicable: VW T5



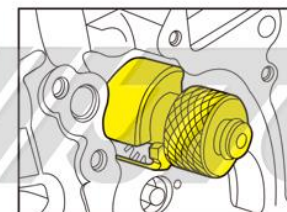
JTC-4501 VAG CAMSHAFT ROTATION SOCKET (1.8, 2.0 TFSI)

- Used to rotate and hold intake camshaft when adjusting the timing chain.
- Applicable:
 - 4-cylinder 1.8 and 2.0 4V TFSI Engine
 - AUDI : A4 2008~, A5 Cabriolet 2009~, A5 Coupe 2008~, Q5 2008~, A3 2012~
 - SEAT: Alhambra 2011~, Exeo 2009~, Altea 2009~, Leon 2009~, Altea XL 2009~, Altea Freetrack 2009~
- VM number: T40266



JTC-4502 VAG BALANCER SHAFT PULLER

- Use for removing the balancer shaft on 4 cylinder injection engine (1.8, 2.0L-chain drive)
- Connector teeth M8 x 1.25, can be used with JTC-4883 or JTC-4893
- Applicable:
 - VW: Golf 2004 >, Passat 2006 >, Passat CC 2009 >, Tiguan 2008 >, EOS 2006 >....
 - AUDI: A3 2004 >, A4 2008 >, A5 2008 >, TT 2007 >....
 - SEAT: Alhambra 2011 >, Exeo 2009 >, Leon 2006 >, Toledo 2005 >, Altea 2005 >, Altea XL 2007 >, Altea Freetrack 2007 >...
- VM number: T10394

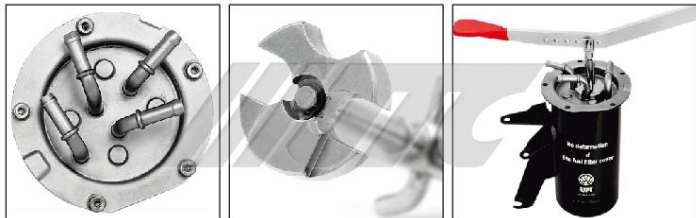


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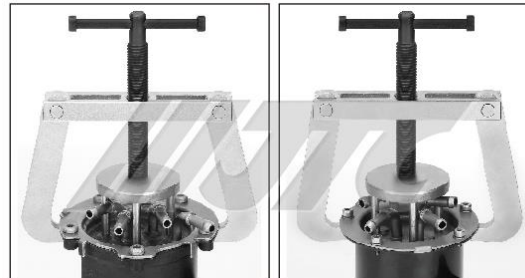
JTC-4503 VAG DIESEL FUEL FILTER COVER INSTALLER

- This tool is designed to press the filter cover into the seal seat evenly.
- Applicable: VW, AUDI, SKODA and SEAT diesel vehicles; Multicar M27 / M28



JTC-4504 VAG DUAL-PURPOSE DIESEL FILTER COVER INSTALLER

- This tool is designed to press the filter cover into the seal seat evenly.
- Replaceable top, can be adapted to different kind of filter.



JTC-4505 VAG CLUTCH PEDAL PIN REMOVAL PLIERS

- Specially designed to release the clutch master cylinder piston rod.
- Provide a quick and easy way to remove the clutch master cylinder and pedal support bracket.
- Applicable:
 - Vauxhall / Opel : Astra-J, Signum, Vectra-C
 - Audi : A1 (8X), A3 (8P), A4 (B7), A6 (C6)
 - VW: Golf (1K1), Passat (3B6), Eos (1F), etc.
- VM number : T10005



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JTC-4506 VAG CONNECTOR REMOVER

- This tool provides correct and easy way to remove the VAG push and pull connectors.
- Capable to remove electrical connector located at MAF sensor, coil packs, headlights / fog lights, level sensors, MAP sensors, etc.
- Applicable: VAG group



JTC-4507 VAG PLASTIC OIL DRAIN SCREW REMOVER / INSTALLER

- Specially designed tool for removing and installing the special plastic oil drain screw (M14x1.5x22L).
- By using this tool can prevent damage to the screw.
- For VAG screw number: 06L103801
- Applicable: VW, AUDI, SKODA, SEAT 1.2, 1.4, 1.8, 2.0 TFSI; 1.6, 2.0 TDI.

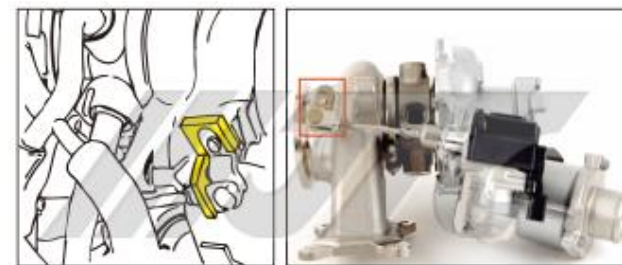


**4507P
OIL DRAIN SCREW**



JTC-4508 VAG EXHAUST RELIEF VALVE LOCATOR (1.8, 2.0 TFSI)

- Used to lock the waste gate when adjusting the charge pressure electric actuator of the exhaust turbocharger.
- Applicable: 4 cylinder 1.5L, 2.0L 4V TFSI engine
- VM number: T40290





JTC-4509 VAG 6 PCS OIL SEAL GUIDE TOOL SET

- Special tool for precise installing the O-rings and positioning the pump/nozzle unit.
- By using this tool can prevent damage to the cylinder head, pump and nozzle unit.
- Applicable:
 - VW Phaeton and Touareg from 2003
 - T5 from 2004 (5 and 10 cylinder diesel engines)
 - Touareg from 2004
 - Audi A3 from 2004 (4-cylinder / 4 valve diesel engines)



JTC-4518 VAG BRAKE CALIPER SOCKET (10PT)

- Use for removing and installing the brake caliper.
- Size: 3/8" DR 9mm x 10PT, 31mm (L)
- Applicable: Porsche, VW Touareg, Audi Q7



JTC-4561 VAG, PORSCHE WHEEL SCREW LOCK SOCKET SET (20PCS)

- This tool enables you to permit servicing of customer vehicles, even customer has lost the key.
- Applicable for installing and removing locks of most VAG and PORSCHE models.
- Contents: #50, #51, #52, #53, #54, #55, #56, #57, #58, #59, #60, #61, #62, #63, #64, #65, #66, #67, #68, #69
- VM number: T10190





JTC-4562 VAG CAMSHAFT ALIGNMENT TOOL SET (1.4TSI)

- Specially designed to secure the camshaft when checking and adjusting the timing.
- Applicable:
 - VAG 4-cyl. Injection engine 1.4L direct injection engine with turbocharger
 - AUDI A3, Golf, Octavia, Leon after 2013
- VM number: T10504



JTC-4615 VW, AUDI IGNITION COILS PULLER (1.4, 1.6)

- To take and plug-on of the ignition coil off with power-output stage at VW, AUDI fuel injection engines.
- The front hook removes ignition coil off well from damage itself.
- Applicable: VW Bora, Golf, new Beetle, Passat, Polo, Touran 1.4/1.6L, Lupo 4-Zyl, FSI, Phaeton and T4, BBY. BKY 1.4



JTC-4616 VW, AUDI IGNITION COILS PULLER (1.8, 2.0)

- To take and plug-on of the ignition coil off with power-output stage at VW, AUDI fuel injection engines.
- The front hook removes ignition coil off well from damage itself.
- Applicable: VW 8-and 12 cylinder engines e.g. Phaeton, B5 1.8T, GTI. FSI 2.0



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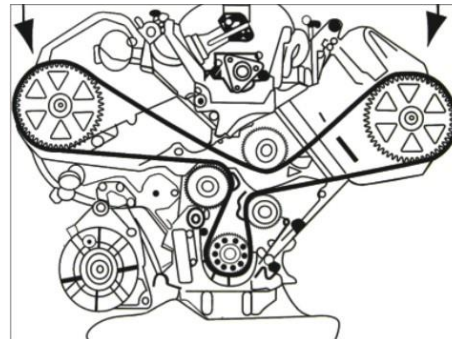
JTC-4617 VW, AUDI IGNITION COILS PULLER (2.3, 3.2)

- To take and plug-on of the ignition coil off with power-output stage at VW, AUDI fuel injection engines.
- The front hook removes ignition coil off well from damage itself.
- Applicable: VW Bora, Golf, Passat, Sharan, Touran, R32 Phaeton and T5, V5 2.3, V6 3.2



JTC-4647 CAMSHAFT DRIVE BELT PULLEY PULLER

- Special puller designed for pulling camshaft pulley wheels.
- Applicable: 4 & 6 cylinder, V6 & V8 engines on VW and AUDI petrol engine



JTC-4648 VW, AUDI BELT PULLEY HOLDER

- Special design to hold the belt pulley on VW, AUDI.
- Applicable:
- VW: Lupo, Polo/Classic, Golf, Bora, & Caddy
- AUDI: A2



JTC-4649 VW, AUDI REAR SUSPENSION TOOL

- Special design for replacing the rear axle mounting bushes, whilst in situ on the vehicle and without the need for removing the rear axle assembly.
- Its fine thread and thrust bearing allows the bush to be fitted quickly and easily without causing damage.
- Applicable: AUDI A3/ VW Golf IV/ Bora 1.4/ 1.6/ 1.8/ 2.0 and 1.9d (2001 later)



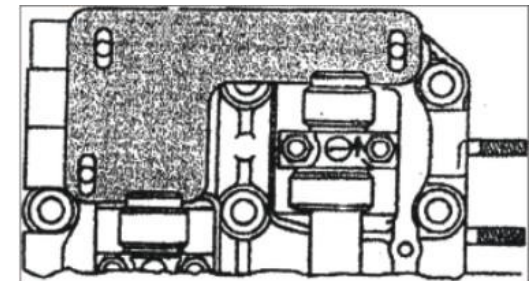
JTC-4652 VW, AUDI CAMSHAFT ALIGNMENT TOOL

- A specially designed tool to align and hold the camshaft.
- Applicable: AUDI 3.0L V6 5V, 2002-2005 AUDI A4 & 2002-2004 AUDI A6
- VM number: T40030



JTC-4653 VW, AUDI CAMSHAFT ALIGNMENT PLATE

- Special designed to align the camshafts to proper position when adjusting and assembling.
- Applicable: VW- Passat, VR-6





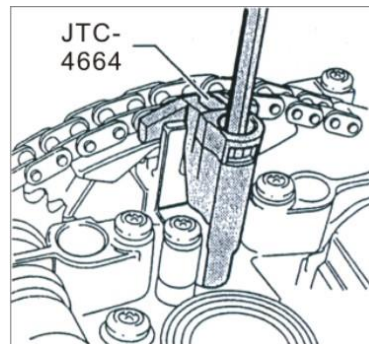
JTC-4654 VW, AUDI V8 CAMSHAFT ALIGNMENT TOOL

- Special designed to align the camshafts at TDC position when adjusting and assembling.
- Applicable: VW. AUDI V8 5-valve
- VM number: T40005



JTC-4664 VW, AUDI CAM CHAIN TENSIONER HOLDER

- Special design to hold the chain and tensioner in position during assembling and disassembling.
- Applicable: VW-AHA, APH, ATQ, AUG, AWM, AWP, AWV, BKF, AND BNU 1998-2006. AUDI-AHA, AMB, AMU, APB, ART, ATC, ATQ, AWM, AWN, AWP, BBD, BCY. BEA, BEL, AND BFM
- VM number: 3366



JTC-4671 VW, AUDI BELT TENSION ADJUSTER

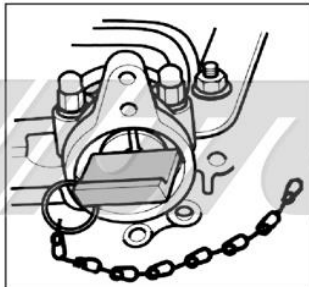
- Special angle designed to adjust the belt tension on the free roller.
- Applicable: VW, AUDI





JTC-4673 VW, AUDI CAMSHAFT ALIGNMENT TOOL

- Special designed to set camshaft in the correct position.
- Applicable:
 - VW: Passat(98~04)
 - AUDI: A4, A6, A8, All road (97~08)



JTC-4674 VW, AUDI CAMSHAFT ALIGNMENT TOOL-DIESEL

- Special designed to set camshaft in the correct position for diesel engine.
- Applicable: Polo, Golf, Bora, Beetle, Caddy (at ~04) etc.



JTC-4679 DIESEL FUEL PUMP TIMING SET

- Special designed to reset the timing position on diesel engine with fuel pump.
- Applicable: Alfa Romeo, Audi, BMW, Fiat, Ford, Isuzu, Iveco, Lancia, Land Rover, Mazda, Mitsubishi, Nissan, Renault, Rover, and VW etc.



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JTC-4681 AUDI TRANSMISSION DIPSTICK

- Designed to measure the oil level of transmission.
- Full length: 695mm
- Applicable: AUDI 100



JTC-4697 VW, AUDI DIFFERENTIAL FILTER WRENCH

- Size: 46mm X 12 PT & 5mm hex key
- Applicable:
 - AUDI-TT
 - VW Bora, GolfIV, Sharan, Skoda-Octavia



JTC-4710 VW CRANKSHAFT SEALING FLANGE REMOVING & INSTALLING TOOL

- Special design tool to renew crankshaft sealing flange.
- Applicable: 16v, 1.4, 1.6 engine of VW, AUDI, SKODA, SEAT





JTC-4742 OIL FILTER KEY (VW, AUDI)

- This tool is especially applicable for removal oil filter with special adapter.
- Applicable: VW, Audi diesel engine with MANN -, Mahle -, and Knecht - filters
- 1/2" Drive or 22mm wrench



JTC-4743 VW, AUDI CAMSHAFT PULLEY REMOVER

- Special design for removing the camshaft pulley on diesel engine TD, TDI etc.
- Applicable: VW, AUDI, SKODA, SEAT
- VM number: T10052



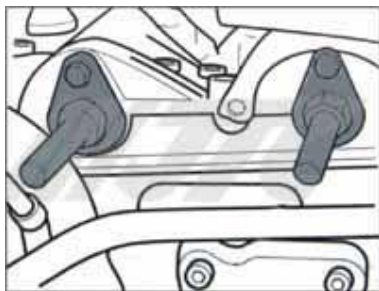
JTC-4748 BELT TENSION ADJUSTER (VW, AUDI)

- Specially designed to loosen the tensioning roller when changing the poly-V belt.
- Applicable: VW Polo, Golf, Passat, T4 and AUDI.



JTC-4769 VW ENGINE TIMING TOOL SET (1.2L)

- Installation and removal of camshaft / variable camshaft timing unit.
- Checking and adjusting of timing.
- Applicable: Petrol engines: VW Polo, Fox, Skoda Fabia, SEAT Ibiza / Cordoba 1.2L engine, 2 and 3 cylinder, 6 / 12 V
- VM number: T10123, T10122, T10120, T10121



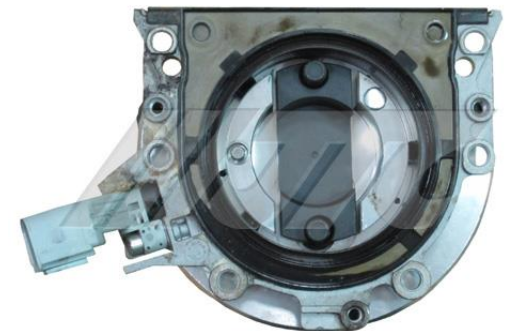
JTC-4778 VW, AUDI SPECIAL WRENCH (V6, TDI, TURBO)

- 3/8" DR X 12mm, 12PT.
- Special angle wrench for TDI, TURBO system etc.
- Applicable: VW, AUDI, V6, TDI, Diesel engines.



JTC-4807 VW CRANKSHAFT SEALING FLANGE REMOVER & INSTALLER (DIESEL)

- Specially designed tool to renew crankshaft sealing flange.
- Applicable : For 16V, 20V, 1.9, 2.0 diesel engine since 2006
- Golf, TOURAN, and AUDI A3 4-cylinder Diesel engine 4-valve for fitting sealing flange with integrated sender wheel.





JTC-4824 AUDI ENGINE OIL DIPSTICK

- The tool is designed to measure the oil level of engine.
- Applicable: 2009 AUDI A4, A5 and A6 with Engines 2.0L TFSI, 3.2L FSI and 4.2L FSI, and 2.0, 2.7, 3.0 TDI, 1.8, 2.0, 3.0 TFSI, 3.2, 4.2 FSI.



JTC-4844 AUDI CAMSHAFT ADJUSTING SOCKET

- Special groove nut socket turns the camshaft adjuster into position.
- Camshaft Adjusting Socket is used to adjust variable valve timing on the exhaust side camshaft to basic position.
- Applicable : AUDI AVK (2000~2004) BBK
AUDI 3.0L V6
- AM number: T40028



JTC-4847 VW, AUDI TIMING TOOL SET (2.0 FSI)

- With camshaft tools, chain tensioner retainer, locking pins and tensioner bolt.
- For 2.0 FSI petrol engines since 2003.
- Applicable:
 - AUDI A3 2.0 FSI and FSI SOHC engine codes: AWA , BHD, BMB
 - VW GOLF 2.0 FSI and 2.0 FSI SOHC and Touran 2.0 FSI SOHC engine codes: AWA, AXW



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JTC-4854 VW, AUDI BUSH REMOVER / INSTALLER

- Special design to remove and install the bush.
- Applicable: VAG series



JTC-4879 SPARK PLUG CABLE PULLER FOR VW, AUDI

- Removing and installing spark plug connectors.
- Spark plug socket remover for new beetle and cars with 2.0 engine AZJ. LOCKING, VW GOLF IV & V with 1.6 engine, VW AUDI, BORA, MERCEDES, SMART, etc.
- Length : 264mm
- Made of stainless steel.



JTC-4881 VW, AUDI HOSE CLAMP PLIERS (CURVED)

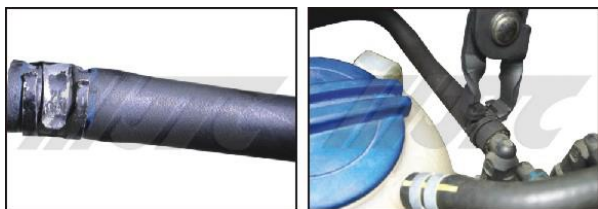
- Special large clamp designed for lower water hose clamp.
- Max clamp capacity: 55mm
- Larger handle for easier removing the hard clamp.
- Applicable: VW & AUDI





JTC-4882 VW, AUDI FUEL HOSE CLIP PLIERS

- For use on three ended hose clip which are fitted on fuel line.
- Clamp capacity: 18 ~ 28 mm
- Applicable: VW, AUDI, SEAT, AND SKODA etc.



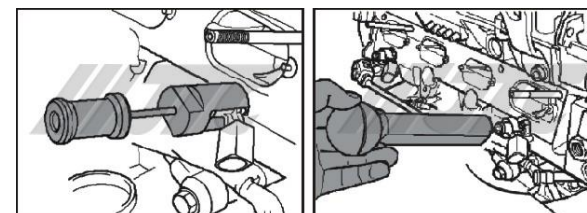
JTC-4892 VW, AUDI FUEL PEDAL REMOVER

- Special design to push out the lock of fuel pedal for remove or replace new pedal.
- Applicable: VW, AUDI electrical fuel pedal.
- VM number: T10238



JTC-4893 VW, AUDI INJECTOR REMOVER (FSI)

- Use “U” sleeve or two jaws hook to fix the injector and then pull out with slide hammer.
- Applicable: VW, AUDI FSI engine



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JTC-4895 AUDI DIESEL INJECTOR REMOVER (TDI)

- Special two jaws design to fix the injector and pull out with slide hammer.
- Applicable: VW, AUDI TDI engine



JTC-4911 VW, AUDI FUEL PUMP WRENCH

- Specially designed wrench to remove and install the fuel pump on AUDI.
- Using the wrench, turn inner section of surge housing approx. 15° to the left up to the stop and withdraw fuel pump assembly complete with the inner housing section.
- Applicable: AUDI 90, A4, S4, A6, S6, RS6, and VW Passat



JTC-4921 VW, AUDI 7-SPEED DSG MECHATRONIC UNIT REMOVER

- Specially designed to remove load from plungers of mechatronic unit when you insert the tool between clutch lever and gear housing.
- Applicable : VW, AUDI 7-speed dual clutch gearbox.





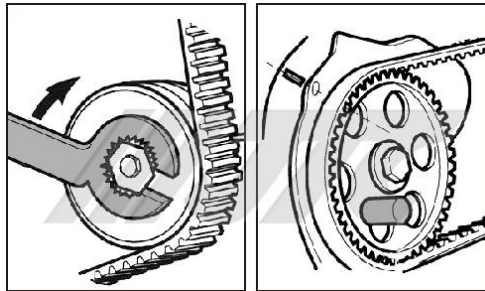
JTC-4928 VW, AUDI TIMING TOOL SET (3.2 FSI)

- Special designed set of tools for alignment camshaft locking, and adjusting.
- Applicable:
 - VAG A4/ A6/ A8 3.2 FSI with engine AUK
 - A6L/ Quattro 2.4 with engine BDW



JTC-4930 VW DIESEL ENGINE TIMING TOOL SET- BELT

- Special designed set of tools for camshaft locking, and adjusting.
- Applicable : VW-Transporter, LT, Crafter
- Engines : 2.4D, 2.5SDI, 2.5TDI, 2.5TDI Common Rail



JTC-4739A 36-PCS TIMING TOOL SET-VW, AUDI

- The complete set can correct timing when replacing the timing belt of petrol and diesel engine.
- Applicable: AUDI A4, A6, A8, A11 (97-08), and VW since 98.
- Engine codes: AFB, AKE, AKN, AYM, BAU, BCZ, BDG, BDH, BFC etc.

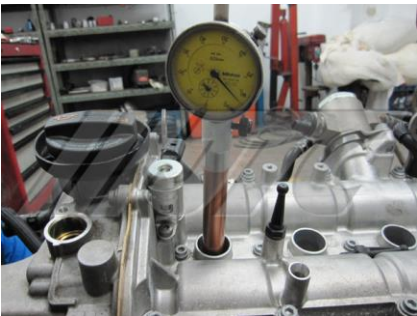


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JTC-4768A VW, AUDI TIMING TOOL SET (1.4, 1.6 FSI)

- Installing and removal of camshaft / variable camshaft timing unit.
- Checking and adjustment of timing.
- Applicable: VW Polo, Golf, Touran, Caddy, Skoda, Octavia AUDI A3 and VW, AUDI (1.4, 1.6FSI, TSI) etc.



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