

Baum Tools Unlimited Inc. 50th Anniversary Edition

VOLKSWAGEN-AUDI TOOL CATALOG 2009





Our Next Generation European Hand Scan Tool Has Arrived

Now get high end German and Swedish proprietary coverage
also get proprietary Asian and Domestic
ALL IN ONE TOOL

Proprietary Coverage

~EUROPEAN CARS

MERCEDES BENZ

BMW

VOLKSWAGEN

AUDI

VOLVO

~ASIAN CARS

TOYOTA/ LEXUS

HONDA/ACURA

NISSAN/ INFINITI

MITSUBUSHI

MAZDA

SUBARU

HYUNDAI

KIA

SUZUKI

ISUZU

DAIHATSU

DAEWOO

~AMERICAN CARS

GM, FORD, CHRYSLER

OBDII AND EOBDII/III

COMPLIANT

Makes Complicated CAN
systems Easy to Diagnose

#DS2020 complete Scan Tool
with 4 channel lab scope



VAG Software Version
2.25 just released.
Covering all VW/+AG
systems

#DS2021
Complete Scan Tool



**A POWERFUL DIAGNOSTIC TOOL THAT'S
SIMPLE TO USE & EASY TO UNDERSTAND**

Comes with complete International coverage

Technical Support

- **Free hardware Start-up Support** available by phone 8:00am-6:00pm EST
- **Advanced Technical Help** of German and Swedish auto repair. Pay as you go by phone
- European car specific professional support group. Almost exclusively European specialists
- Help is just a phone call away.

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CREDIT CARD TODAY

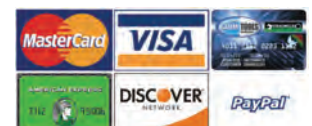


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Available Exclusively from Baum Tools with EDR-TECH support.

GO THE RIGHT ROUTE

A VAG Specific Software for Diagnosis, Coding and Programming

An Affordable Diagnostic System Providing On-Screen Freeze-Frame Data, Live Data Graphing, Printing & Archiving, & C.A.N. Systems Accessibility. Current Support for BMW, J2534 Pass-Thru Programming other makes coming soon.



PCPT- Includes resident software for most diagnostic and coding jobs.

Volkswagen / Audi

BMW

Mercedes Benz

Volvo

OBD-II

Porsche coming soon

The VAG software allows the professional technician to perform most of the functions of the OEM diagnostic and programming tool.

Software Features

- Quick Test, Reset, and Print results of control module Query
- Graphing/Drive Test Monitoring of Live Data
- Print any diagnostic screen
- Express Updates with a click of the mouse so you can update your software 24/7
- Same day Software Activation for upgrades

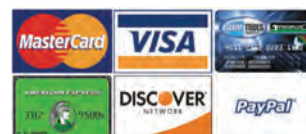
WITH THE PRICE OF LAPTOPS DROPPING AND THE AVAILABILITY OF REPAIR INFORMATION MOSTLY IN ELECTRONIC FORM THE PCPT IS THE LOGICAL CHOICE FOR THE REPAIR SHOP.

APPLY FOR THE BAUM TOOLS CREDIT CARD TODAY.



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Volkswagen Audi software for **DS2020, DS2021 and PCPT** covers Diagnostic Trouble Code (read and clear), Data Stream/Data Blocks, Basic Settings, Adaptation, Activation, Single Data Read, Login ECU, Coding ECU, ECU ID , Readiness and Service Reset on these systems

01 ENGINE	76 PARKING AID
11 ENGINE 2	07 CONTROL HEAD
21 ENGINE 3	17 DASH PANEL INSERT
31 ENGINE OTHER	27 INSTRUMENTS
41 DIESEL PUMP	37 NAVIGATION
51 ELECTIC DRIVE	47 SOUND SYSTEM
61 BATTERY REGULATOR	57 TV TUNER
71 BATTERY CHARGER	67 LANGUAGE CONTROL
02 GEARBOX ELECTRONICS	77 TELEPHONE
12 CLUTCH	08 HEATING/AC CONTROL
22 4 WHEEL DRIVE ELECTRONICS	18 AUXILIARY HEATING
32 DIFFERENTIAL LOCKS	28 HVAC REAR
42 DOOR ELECTRONICS DRIVER	38 ROOF ELECTRONICS
52 DOOR ELECTRONICS PASS	48 SEAT, REAR DS
62 DOOR REAR LEFT	58 AUXILIARY FUEL TANK
72 DOOR REAR RIGHT	68 WIPERS
03 ABS	78 SLIDE DOOR RIGHT
13 DISTANCE CONTROL	09 ELECTRONIC CU
23 BRAKE BOOSTER	19 DATA BUS DIAGNOSTIC INTERFACE
43 BRAKE ASSIST	29 LEFT LIGHT CONTROL
53 PARKING BRAKE	39 RIGHT LIGHT CONTROL
63 ENTRY ASSIST DRIVER	49 AUTOMATIC LIGHTING SWITCH
73 ENTRY ASSIST PASSENGER	59 TOW PROTECTION
14 WHEEL DAMPING ELECTRONICS	69 TRAILER CONTROL
24 DRIVE SLIP CONTROL	1C POSITION SENSING
34 SELF LEVELING SUSPENSION	0D SLIDE DOOR LEFT
44 STEERING ASSISTANCE	1D DRIVER IDENTIFICATION
54 REAR SPOILER	2D INTERCOM
64 STABILIZERS	3D SPECIAL FUNCTION
05 ACC/START AUTHORIZATION	4D DATA TRANSFER
15 AIRBAG	7D AUX. HEATER
25 IMMOBILIZER	0E MEDIA PLAYER 1
35 CENTRAL LOCKING	1E MEDIA PLAYER 2
45 INTERIOR SCANNING	2E MEDIA PLAYER 3
55 HEADLIGHT RANGE CONTROL	3E MEDIA PLAYER 4
65 TYRE PRESSURE MONITORING	4E CONTROL HEAD RR
75 EMERGENCY CALL MODULE	5E CONTROL HEAD LR
06 SEAT MEMORY PASSENGER	6E CONTROL HEAD ROOF
16 STEERING WHEEL ELECTRONIC	7E CONTROL HEAD DASH
26 ELECTRIC ROOF CONTROL	0F DIGITAL RADIO
36 DRIVER'S SIDE SEAT ADJUSTMENT	1F SAT. TUNER
46 CENTRAL MODULE CONVENIENCE SYS.	2F DIGITAL TV
56 RADIO	4F CENTRAL ELECTRONICS II
66 SEAT/MIRROR ADJUSTER	

Pump Düse Diesel Timing Tool Kit



**NOW YOU CAN WORK
ON THE #1 GREEN
CAR IN THE USA.**

#AS4840

Comprehensive kit for locking pumps, cams and pulleys during belt tensioning or adjusting and aids in setting timing.

Audi: A3,A4,S4,Cabriolet **Volkswagen:** Golf,Jetta,Golf Plus,Passat,Beetle, Touran,Sharan, Caddy,Transporter.

Engines: 1.9Tdi,2.0 Sdi & Tdi PD Diesel Engines

In North America, the Volkswagen Jetta, Golf, and New Beetle TDI 2004-2008 are Mk4 Pumpe Düse.

Gas & Diesel Locking Kit



#AS4740

Comprehensive kit for locking pumps, cams and pulleys during belt tensioning or adjusting and aids in setting timing.

Includes: #2064, #2065A, #3359, #3366, #3418, #T10092, #T40011 & #V159.

SUPPORT SLEEVES & PIN SET



#AS4741

Use to support front end when removing or installing the lock carrier on the hood. Includes VW #3369 & #3411

AUDI - A4, A6, A8 AVK

Engine Twin Camshaft Timing Belt Tensioner and Valve Timing Tool Kit



#AS4808 Retainer is also used for Valve Timing (chain in head) on V6 2.4/2.7/2.8 & 1.8T 4 cyl. Engines:



AUDI CAMSHAFT ALIGNMENT TOOLS



Twin Camshaft Holder



#3243 - Camshaft Holder Audi V6 2 Valve 1994-97

Use to align camshafts at TDC during timing belt changes or cylinder head reassembly. Use with #T10060A and #3242.

Audi 90, A4, A6
Engine: AFC

Twin Camshaft Holder



#3391 - Camshaft Holder - V6 5 Valve 1998-2005

Holds camshaft at TDC during reassembly and timing V6 5 valve engines.. Use with #T10060A and #3242. See #3243 for V6 2 valve engine.

Audi A4, A6, VW Passat
Engines: AHA, ATQ, APB & BEL

Twin Camshaft Holder



#T40005 - Camshaft Holder - V8 8/99 - 2006

Use to lock camshafts relative to each other when replacing belts, tensioners or when removing crank bolts. AUDI A6, 4.2L, V8.

Audi A6, A8
Engines AKB, AUX, AYS, ART, AWN, BBD, BCY & BFM, 1998-2003

CAMSHAFT ADJUSTMENT GAUGE KIT - 3.0L V6



#AS4940

Use to lock and hold camshafts when adjusting the left and right camshafts. Includes #T40030, #T40011, #T40026, #T10020 and #T40028

AUDI - A4, A6, A8 2000-2007 Engine: AVK

OIL SERVICE TOOLS KIT



#B1407

32mm Passat, Audi (VAG recommends a strap filter remover) VW 1.8, 1.9tdi, 2.0 & 2.5L use #3417

Includes:
27mm,
32mm
36mm

SUPPORT SLEEVES & PIN SET



#AS4741

Use to support front end when removing or installing the lock carrier on the hood. Includes VW #3369 & #3411.

AUDI - A4, A6, A8 AVK



Timing Belt Tension Cam Service Tools



Belt Tension Tester - #AS4395A

Universal application identifies proper belt tension. Allows testing of belts to determine whether replacement is necessary or new belt tension is correct.



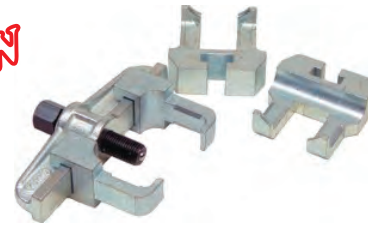
Cam Counterholding Tool #AS4844

Used to turn crankshaft when checking timing. Also used to counterhold oil pump and camshaft chain sprocket. Same as VW #T10172



Camshaft Sprocket Puller

NEW



#T40001

Use this special puller to remove the camshaft sprockets on a variety of VW and Audi camshafts. Includes 17mm and 23mm pulling arms. Same as #T40001. Replaces #3032.

VW & Audi Engines: AEB, AHA, AKB, ALH, APB, APH, ART, ATC, ATQ, ATW, AUM, AUX, AUG, AWD, AWM, AWN, AWP, AWV, AWW, AYS, BBD, BCY, BFM

BELT TENSION PIN WRENCH

- #V159

Use to adjust tensioner on models with small pulley (early type). See pin wrench #3387 for later large pulley type. Engines 1982-1997.



Belt Tension Pin Wrench - #3387

Use to adjust tensioner on models with large pulley (later type). See pin wrench #V159 for early small pulley type. 1.8 and 3.0L engines.



BELT TENSION PIN SOCKET - #T40009

Use to set belt tension on late model V6 and V8 engines. Use with torque wrench VAG1410 and VAS5122.



Audi - A6 & A8

Engines: AKB, AUX, AYS, ART, AWN, BBD, BCY, BFM

Cam Chain Tensioner Retainer - #3366

Use to hold the chain and tensioner in position during assembly and disassembly.

AUDI - AEB, AHA, AKB, AMB, AMU, APB, ART, ATC, ATQ, ATW, AUX, AWM, AWN, AWP, AYS, BBD, BCY, BEA, BEL, BFM

VW - AAA, AEB, AHA, APH, ATW, ATQ, AUG, AWM, AWP, AWV, BKF, BNU



Viscosity Fan Wrench - #3312

Use to loosen and tighten viscosity fan clutch.

AUDI - A4, A6, A8

VW - Passat

Engines: AHA, ATQ, AKB, AUX, AFC, AYS, AEW, APB, AVK, ART, AWN



Coolant Pump Wrench - #VAG1590

Use to loosen and tighten bolts on coolant pump pulley.



VW - Golf, Jetta, GTI, Passat
Engines: AAA, ACC.

Ribbed Belt Tensioning Wrench - #3299

Use to hold V belt tension when removing and installing V-belt.

VW - Golf, Jetta, GTI, T4 1991-1999

Audi - A6

Engines: 1Z, AAB, AAZ, AAF, ABA, ACC, ACU, ACV, AHU, AVK



Viscosity Fan Spanner - #3212

Use to remove and install the viscous clutch on radiator fan and central hydraulic pump pulley.

AUDI - A4, A6, A8

VW - Passat

Engines: AHA, ATQ, AKB, AUX, AYS, AEW, APB, AVK, ART, AWN, BCY, BFM, BKH





Wheel Bearing Removal & Installing Kit



The B90K is a press kit that REMOVES and INSTALLS front wheel bearing with the spindle ON THE CAR. Saves Time and Makes Money. No need for realignment. **Our Best Coverage Yet** Use with #B90/3 or #B234M for ABS equipped models

#B90K

Covers:

- Mercedes
- BMW
- Toyota/Lexus
- Nissan/Infiniti
- Honda/Acura
- Other Asian Makes
- Domestic
- VW/ Audi
- Porsche
- Volvo

Press Piece sizes:

OD	ID
55mm	38mm
59mm	29mm
63mm	33.5mm
66mm	36mm
70mm	34mm
71.5mm	41.4mm
73mm	40mm
73mm	37mm
74.8mm	38.8mm
77.5mm	39mm
81.5mm	42mm
83.4mm	43.6mm
88.4mm	47.4mm



AXLE AND HUB PULLER KIT
#B234M Master



On the Car press kit removes and installs hubs. Ideal for ABS equipped models. See inside back cover for more details.

**FRONT WHEEL HUB
PULLER**
#B90/3



On the car press kit removes the installs hub. Not for ABS equipped models

**WHEEL BEARING KIT
FOR TOUAREG**
#T10205T



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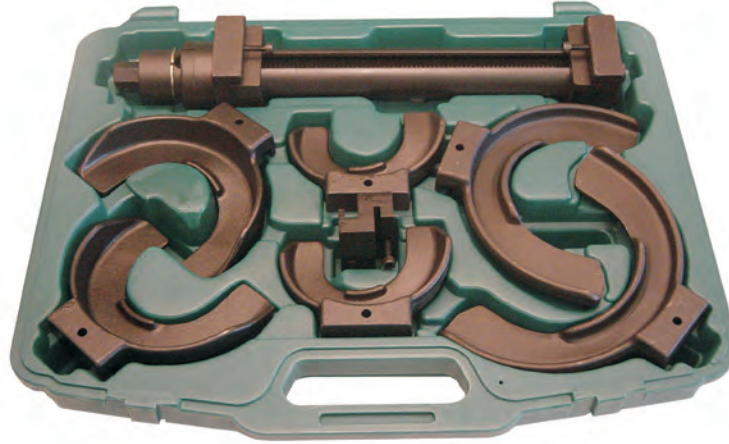
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McPherson Strut Spring Compressor Kit



#1117J

ONE SET OF SHOES DOES NOT FIT ALL

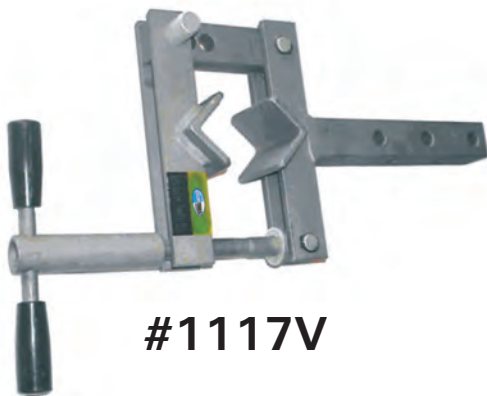
Compresses all types of MacPherson style coil springs front and rear. Includes three sets of jaws

- 75-110mm
- 110-140mm
- 140-190mm

This covers springs found in most vehicles with MacPherson struts.

Not designed for use with impact wrench, none are.

Strut Vise Adapter



#1117V

Allows strut to be mounted in a vice for easy access during shock and strut assembly/dis-assembly.

All Models



#1117J-BMW
for E39, E38, E46 Chassis



VOLKSWAGEN COIL PULLERS

STOP DAMAGE TO EXPENSIVE COIL PACKS

**NEW
for
2008**



#T10166

VW 8 and 12 CYL
AWA,ASN,BBK



#T40039

VW 8 and 12 CYL
AWA,ASN,BBK



**VOLKSWAGEN COIL PULLER
KIT
#VAGCPK**

This kit contains all the ignition coil pullers for servicing integrated coil, powerstage sparkplugs. Includes: #T10166, #T10094A, #T10095A and #T40039



#T10094A

VW Polo,golf 1.4, 1.6i
Caddy 1.4i, Bora
1.4L, 1.6L, Passat,
Touran 1.6L Phaeton,
Transporter T4.



#T10095A

5 And 6 cyl ,VW golf,
bora, 4 and 5 cyl.
VW Passat, 6 cyl,
Sharan, Touareg,
Phaeton

Deluxe Coil Pack Puller Kit



#AS4990

Replaceable ends make this the ultimate in coil pack pullers for VW/Audi engines. Includes 4 ends covering the current models.



The Terminator Frequency Probe



IDEAL FOR CAN BUS DIAGNOSTICS

- Sensors
 - Power and Ground of sensors
 - MAP
 - MAF
 - O2 Sensors
 - RPM Sensors
 - Crank Angle Sensor
 - Vehicle Speed Sensors
 - TDC Sensor
 - Idle Switch
 - ABS Wheel Speed Sensors
 - Throttle Position Sensor
 - Cam Position Sensors
 - Air Temperature Sensor
 - Coolant Temperature Sensor
 - Tachometer
- Electric Relays
- Motors
- Actuators
- Starting & Charging Systems
- CAN Bus Diagnostics

Reads:

- Voltage
- Frequency
- Duty Cycle



#B7205J

The Terminator is a superior Logic probe combining the features of a DMM and oscilloscope but simplifying the display for technicians that want to find the pulse but don't need the to see the trace.

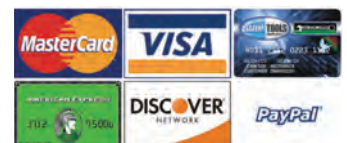
Includes:

- Terminator Probe
- Ground cable
- Extension Cord
- extra Probe tips
- Storage Box



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GET WIRED



Ideal for CAN Bus diagnostics



- LED Test leads
- Pin Probes
- Alligator clips with banana plugs & needle probes.
- Multi-Meter Clip set
- Banana Plugs
- 3-Way with Potentiometer for Sensor simulation (Coolant, Throttle Pots, MAP and other sensors)
- Serial and Parallel connections for Air flow meters, Injectors,...Etc.
- Includes Test Example manual.

#B1594

Connector Test Kit

Over 100 connectors to Safely probe out different plugs Components and control units

#B1594KIT

OBD-II Break Out Box



OBD2-BOB

This J1962 break out box allows access to all wires in the OBD-II / EOBD III Diagnostic Interface This makes it easy to trace CAN Bus faults, Power supply problems and track failed diagnostic controllers.

Resistance Substitution Box



#B1630

1 ohm to 11 Meg
1 ohm per step, 1% resistors 0.3W
Seven decades of resistance

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Deutronic Battery Charging Systems

DON'T RISK ANOTHER EXPENSIVE CONTROLLER!!!!

Computer Controlled Power Supply

A Regulated Battery Charger/Power supply is absolutely necessary when Coding, Flashing or Programming late model vehicles.

YOUR TRANSFORMER BASED CHARGERS ARE NOT SUFFICIENT FOR THIS JOB.



DBL-800-14

Stable battery voltage is critical during programming. Any fluctuation, spiking or loss of voltage will interrupt programming, which could cause the controller to lock up or be damaged.

Two critical items are:

- Precise voltage control under changing load conditions
- Clean DC (AC eliminated) **No contamination of CAN bus signals**

Since the programming of modules requires the ignition key to be turned on for extended periods, without the engine running. This means that during the flashing/programming event, the vehicle's systems are operating from the vehicle battery alone. So, a regulated battery charger is critical.

The Deutronic DBL800 helps reduce the risk of damaging control units by providing a continuous stable voltage supply under changing load conditions.

- Non regulated power supplies, such as transformer based units, can cause
- mains(AC) fluctuations being passed on the battery and on board electronics.
 - pulsing current (**destruction of onboard electronics**)
 - low stability of output voltage (**abort of flash process**).
 - superpose alternating current on charging process.
 - cell gassing (**danger of explosion**).

DON'T PROGRAM ANOTHER ECU WITHOUT ONE.

APPLY FOR THE BAUM TOOLS CREDIT CARD TODAY.

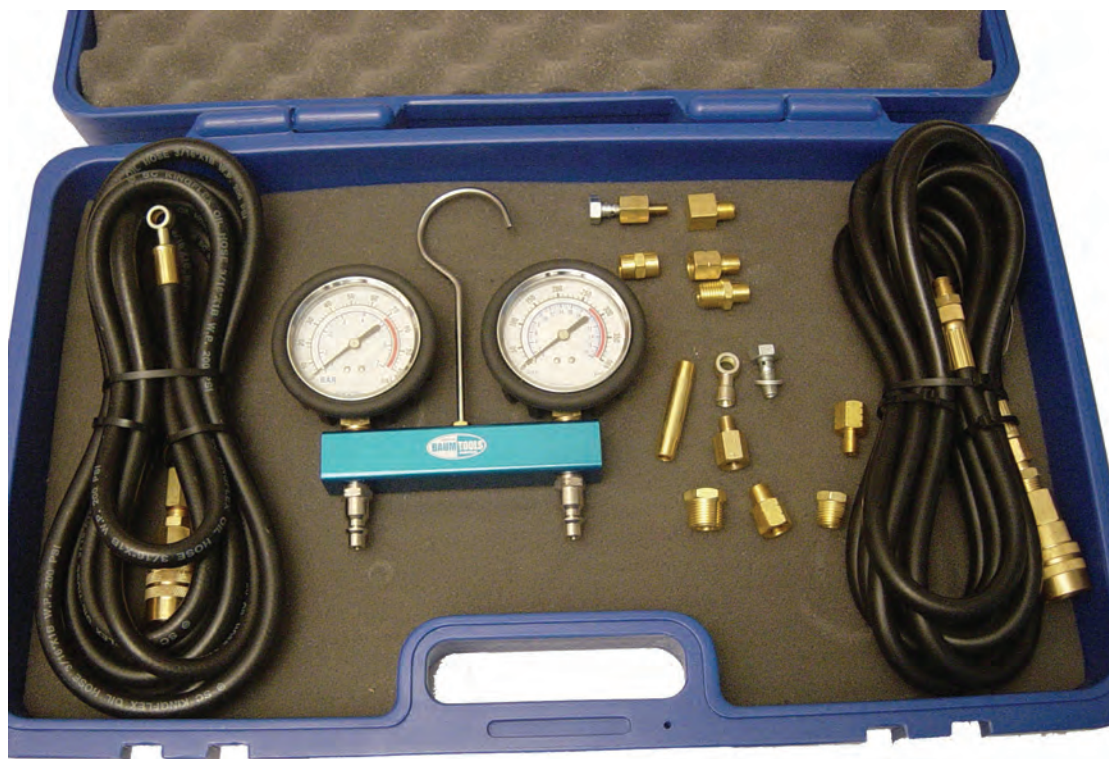


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TRANSMISSION PRESSURE GAUGE KIT



#1090

Dual gauges allow testing of automatic transmission shift pressures. Kit includes: Two gauges 100psi and 250psi, hook and sufficient hose to bring gauges into car for road tests and adapters for low and high pressure sides.

Use to check main and primary throttle pressure of automatic transmissions.

All models equipped with ZF or GM Automatic Transmissions

Includes:

- | | |
|-----------------------------------|----------------------------------|
| 1x 1/8npt to 1/8npt f/m elbow | 1x 1/4npt to 1/8npt m/m reducer |
| 1x 1/8npt to 1/8npt f/m extension | 1x 1/8npt to 1/8npt f/f coupler |
| 1x 1/8npt to 1/4npt f/m reducer | 1x 1/8npt to 1/8npt 2" extension |
| 1x 1/8npt to 3/8npt f/m reducer | 1x 1/8npt to M10x1.0 adapter |
| 2- Banjo bolts | 1x 1/8npt to M8x1.0 adapter |
| 1- Banjo fitting | 2x hoses 2 meters long |

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VW-Audi

Diagnostic Data Blocks II Manual

Coding, Programming and Adaptations



Some of the manual topics and subjects:

- Engine ECM Coding and Adaptations
- TCM Coding and Adaptations
- ABS/ESP/ASR Coding and Adaptations
- Instrument Cluster - Immobilizer - Gateway Coding, Programming and Adaptations
- Comfort and Convenience Coding, Programming and Adaptations
- Climatronics / Climate Control Coding, Programming and Adaptations
- Basic Settings of above controllers: Diagnostics and step-by-step adaptations
- VAG/VASS/Laptop for Diagnostics and Data Block use
- Pass-Thru Technology introduction
- Readiness and its diagnostic uses (shortcut diagnostics)
- Understanding the topology of a system
- Diagnostic software use (Aesis-Vesis-ETKA)
- EPC/ESP/ASR Diagnostics
- ME 7.0 Overview (Emergency Running Mode - Fault light for power accelerator activation K132)
- MAP Controlled Engine Cooling
- Interactive training, and live hands-on diagnostics



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Readiness Generating and Monitoring

	Data Fields			
	1	2	3	4
Display group 086: Readiness code				
Display	0	XXXXXXXX	XXXXXXXX	XXXXXXXX
Display	Ready bits Completed tests	Individual tests performed	Individual tests performed	Individual tests performed
Range	1 = not completed 0 = completed	1 = not completed 0 = completed	1 = not completed 0 = completed	1 = not completed 0 = completed
Specified value	0	XXXXXXXX	XXXXXXXX	XXXXXXXX
Note:	Specified Value: 00000000			

Forcing Readiness for Diagnostics procedure:

- Checking DTC memory
- Erase DTC memory
- Throttle Body adaptation to ECM
- Adapting kick-down function
- Checking operating status of O2 sensor control
- Diagnosis of O2 sensor aging before catalytic converter
- Diagnosis of O2 sensor operational readiness after catalytic converter
- Diagnosis of tank ventilation system (EVAP diagnosis)
- Diagnosis of tank seal and O2 sensor interchange recognition after catalytic converter
- Diagnosis of O2 sensor aging after catalytic converter
- Catalytic converter diagnosis
- Diagnosis of secondary air injection

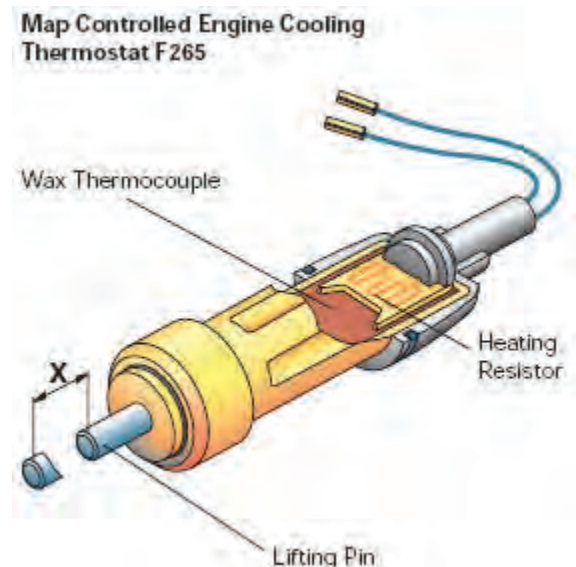
The Map Controlled Engine Cooling Thermostat F265 is the coolant control actuator.

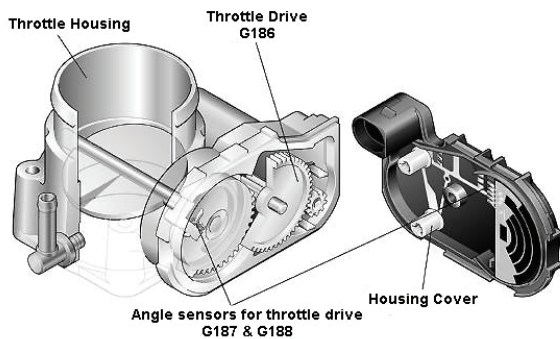
- A heating resistor is integrated into the wax thermocouple expansion element of the Map Controlled Engine Cooling Thermostat F265.
- Thermostat heating resistor heating is controlled by the Motronic Engine Control Module J220 in accordance with the map by a pulse-width-modulated (PWM) signal.
- When coding is needed in the case of non-hot country vehicles, the hot-country function (activation of the pump for coolant run-on) must be deactivated.

Effects of Failure

If there is no operating voltage present:

- Thermostat control takes place only by means of the wax thermocouple expansion element.
- The first fan speed is continuously activated.





If the adaptation is interrupted by the control module, the reason could be one of the following:

- The throttle valve cannot close completely (e.g. dirt)
- The battery voltage is too low
- Throttle valve control module or wiring is faulty
- Engine was started or accelerator was activated during the adaptation process
- Distortion of throttle valve housing (check screw connection)

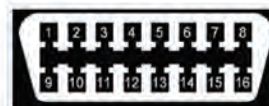
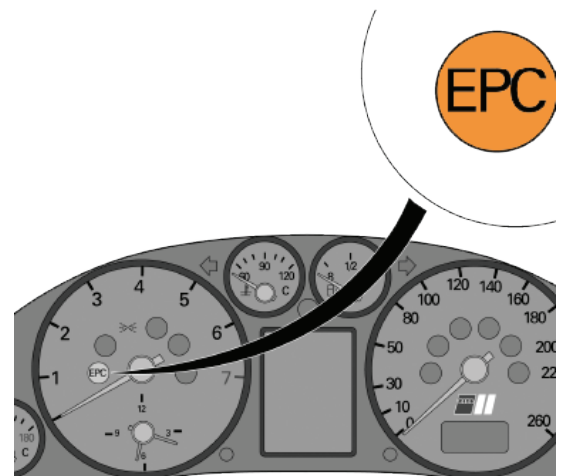
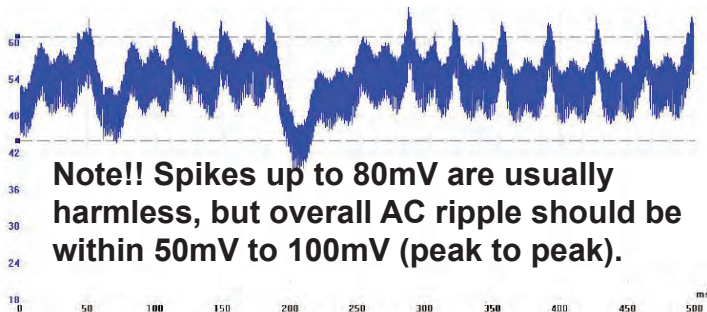
	Display Fields			
	1	2	3	4
Display group 062: Electronic throttle potentiometer voltages				
Display	xx%	xx%	xx%	xx%
Display	Throttle valve angle (angle sensor 1)	Throttle valve angle (angle sensor 2)	Sensor 1 for accelerator pedal position	Sensor 2 for accelerator pedal position
Specif. value	3 to 93%	97 to 3%	12 to 97%	4 to 49%

The engine control module converts and displays the voltage readings from the angle sensors as percentages of 5 VDC

- Slowly depress accelerator pedal.
- Percentage displayed in zone 1 should rise evenly.
- Percentage displayed in zone 2 should fall evenly.

If one accelerator position sensor fails:

- Accelerator position is limited to a predefined value
- If a full load is predefined, the power output is increased slowly
- If the signals are implausible between G79 & G185, the lower value is used
- The signal from the Brake Pedal Switch (F47) indicates idling speed
- All Comfort functions are disabled



Pin 2 - J1850 Bus+
 Pin 4 - Chassis Ground
 Pin 5 - Signal Ground
 Pin 6 - CAN High (J-2284)
 Pin 7 - ISO 9141-2 K Line and ISO/DIS 14230-4
 Pin 10 - J1850 Bus
 Pin 14 - CAN Low (J-2284)
 Pin 15 - ISO 9141-2 L Line and ISO/DIS 14230-4
 Pin 16 - Battery Power

Display group 125				
Read Measuring Value Block 125 →				◀ Indicated on display
xxx	xxx	xxx	xxx	
1	2	3	4	◀ Display fields
			Airbag-control module ¹⁾	Designation
			ABS control module	Airbag 1 ¹⁾
			Autom. transmission control module	Transm. 1
			Engine	Engine 1

Pins not listed are not currently in use.

Pin Wiring:

1 Terminal 15

4 Ground

5 Ground

6 High Diagnosis CAN Data Bus

7 K-Wire

14 Low Diagnosis CAN Data Bus

15 L-Wire

16 Terminal 30

Display fields in display groups 125 and 126 provides the CAN-Bus function status codes of various control modules connected to the "Powertrain" CAN-Bus network.

If a vehicle is not equipped with control module(s) listed in the following display groups, the applicable display field remains blank. Check correct coding of CAN-Bus On Board



Read measured value block 1 →				Display group number: 001
0 km/h	4 km/h	0 km/h	0 km/h	◀ Indicated on display: (Example)
				Wheel speed at right rear speed sensor
				♦ (0...255 km/h)
				Wheel speed at left rear speed sensor
				♦ (0...255 km/h)
				Wheel speed at right front speed sensor
				♦ (0...255 km/h)
				Wheel speed at left front speed sensor
				♦ (0...255 km/h)

The actual wheel speeds are displayed. They serve to check the speed sensor allocation to the wheel. (The vehicle must be raised and the wheel must be rotated by hand by a 2nd mechanic).

The reading of measured value blocks in display group number 002 must be undertaken when driving off slowly.

Then the ABS Control Module (w/EDL) -J104- will store the first usable voltage signals provided by the speed sensors and display these as a fixed value in the measured value block.

ABS Modules fail on a consistent basis, and short the entire CAN Bus. Always unplug the ABS module first!!



To order Manuals:

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Ordering Information & General Policy

The tools in this catalog comply, where possible, with the numbering system of VAG and are organized by Repair Groups as found in the VW and AUDI Factory Service and Repair Manuals and Workshop Information System.

Most Tool numbers in this catalog are original factory numbers

All 200 and 400 series press pieces are original VW/ Audi and Porsche tool numbers. All 3000, 4000 and "T" series numbers are also as found in VW Official factory repair manuals.

Tools displayed in the catalog are only a portion of our stock of special tools for VW and Audi. Please refer to factory manuals or call us for information on ALL tools available for these vehicles.

Baum Tools attempts to carry the complete line of OEM issued tools. If you cannot find a particular tool or a tool for a specific application, please call and inquire. We continually update our product line as new tools become available.

Our engineering and development departments are constantly on the alert for new and improved tool designs. We give all suggestions and recommendations careful consideration. We also have contact with a variety of International sources and maintain a flexible stock in order to satisfy your needs.

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Orders may be placed by Phone, Fax, E-mail or mail.

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Please specify if backorders are NOT to be carried forward.

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Warranty: New, currently manufactured and cataloged tools carry a warranty against defects in materials and workmanship for a period of 12 months from the date of delivery. This warranty does not apply to any tool or part of tool which has been altered in any way without the express permission of Baum Tools, the use of power tools in conjunction with any Baum Tool not specifically specified for use with power tools and tools used for jobs other than that specified.

Obsolete and Used Tools carry no warranty and are sold on an **AS IS** basis regardless of manufacturer.

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00-General Purpose Tools



Tool Number	Tool Name	Application	Status	Model
28DBC	HEAVY DUTY STUD REMOVAL KIT	Ideal for pulling threaded studs with a heavy duty impact wrench. Kit includes: bolt, sleeve and 14 collets Collet sizes include: 6x1.0, 7x1.0, 8x1.0, 8x1.25, 9x1.0, 9x1.25, 10x1.25, 10x1.50, 12x1.25, 12x1.50, 14x1.50, 14x2.0, 16x1.5, 16x2.0mm.		AUDI, VW - All



Tool Number	Tool Name	Application	Status	Model
20A	DIAL INDICATOR - 5mm RANGE/.01mm ACCURACY	'Midget' dial indicator with revolution counter, flat backing, knurled bezel, 8mm shank for European stands and 40mm diameter face. Ideal for tight locations such as diesel injection pumps.		AUDI, VW - All



Tool Number	Tool Name	Application	Status	Model
401	PRESS PLATE	Press bed plate with various size cutout areas for gears, bearings and bushings of early model vehicles.		AUDI, VW - All



Tool Number	Tool Name	Application	Status	Model
402	PRESS PLATE	Press bed plate with various size cutout areas for gears, bearings and bushings of late model vehicles.		AUDI, VW - All



Tool Number	Tool Name	Application	Status	Model
244B	DRIFT SLEEVE	Installs seals, bearings and spacers.		VW, AUDI - All



Tool Number	Tool Name	Application	Status	Model
415A	TUBE - 60mm	Timing gear, Various engine, transmission and suspension press operations.		VW, AUDI - All



Tool Number	Tool Name	Application	Status	Model
416B	TUBE - 26/37mm	For various press operations.		AUDI, VW - All



Tool Number	Tool Name	Application	Status	Model
ST730/20	TORQUE WRENCH - 40-200Nm 14X18mm	Torque wrench with quick adjustment, cut-out, dual signal, dual scale and long term accuracy. Accommodates 14mm X 18mm torque wrench inserts. Use with #VAG1332/1, #T40065 and #T40066.		AUDI, VW - All

00-General Purpose Tools



Tool Number	Tool Name	Application	Status	Model
VAG1332/1	REVERSIBLE RATCHET	1/2" drive with 14x18mm. Use with Stahlwille Torque wrench #ST730/20.		AUDI, VW - All



Tool Number	Tool Name	Application	Status	Model
ST12975	HOSE CLAMPS - 25mm	Use to close fuel, transmission lines during service. DO NOT USE ON FUEL HOSES AFTER 1997 MODELS.		VW, AUDI - All up to 1997, All transmissions to 2007

10-Engine Crankcase



Tool Number	Tool Name	Application	Status	Model
AS4740	GAS & DIESEL LOCKING KIT	Comprehensive kit for locking pumps, cams and pulleys during belt tensioning for adjusting and aids in setting timing. 1.7 & 1.9D/SDi/TDi Diesel Engines & 1.6-2.0 gasoline Engines. Includes: #2064, #2065A, #3359, #3369, #T10098A, #T10092, #T40011 & #V159	NEW	All TDI DIESEL, AUDI - 80, A3, S3, A4, A6, TT, Cabriolet, VW - Lupo, Polo/Classic, Caddy, Golf, Bora, Beetle, Passat, Touran, Sharan, Transporter



Tool Number	Tool Name	Application	Status	Model
AS4840	PUMP DUESE DIESEL TIMING TOOL KIT	A comprehensive kit for locking pumps, cams and pulleys during belt tensioning or adjusting and aids in setting timing for gasoline and 1.2Tdi, 1.4Tdi, 1.9Tdi, 2.0Tdi PD Diesel Engines	NEW	AUDI - 80, A3, S3, A4, A6, Cabriolet; VW - Golf, Bora, Beetle, Fox, Passat, Transporter, Lupo, Polo/Classic, Caddy, Touran, Sharan



Tool Number	Tool Name	Application	Status	Model
AS4765	AUXILIARY SERPENTINE BELT TOOL SET	Designed to overcome restricted working space in this area of the engine compartment. Long handled, and incorporates a Ratchet. Drive. Complete with 13, 14, 15, 16 & 18mm sockets PLUS 3/8" & 1/2" drives. Belt Remover/Installer provides reach and maneuverability to thread the belt around the pulley system.	NEW	AUDI, VW - All



Tool Number	Tool Name	Application	Status	Model
T40030	CAMSHAFT ADJUSTMENT GAUGE SET - 3.0L V6	Use to lock and hold camshafts when adjusting the left and right camshafts. Set of 2. Use with #T40026 and #T40028.	NEW	AUDI - A4, A6 2000-2004 Engine: AVK

10-Engine Crankcase



Tool Number	Tool Name	Application	Status	Model
AS4940	CAMSHAFT ADJUSTMENT GAUGE KIT - 3.0L V6	Use to lock and hold camshafts when adjusting the left and right camshafts. Includes #T40030, #T40011, #T40026 and #T10020	NEW	AUDI - A4, A6 2000-2004 Engine: AVK



Tool Number	Tool Name	Application	Status	Model
AS4808	TWIN CAMSHAFT TIMING BELT TENSIONER AND VALVE TIMING TOOL SET	Use to hold the chain in position while disassembling and assembling the camshafts. Kit includes #3366, #T40011.	NEW	AUDI - V6 2.4 / 2.7 / 2.8 engines, VW - 1.8/1.8T engines:



Tool Number	Tool Name	Application	Status	Model
T10050	CRANKSHAFT LOCK	Hold the crankshaft in place at the crankshaft gear when adjusting the port timing.	NEW	4-Cyl. diesel engine (1.9 l and 2.0 l engine, 2 and 4-valve



Tool Number	Tool Name	Application	Status	Model
T10100	CRANKSHAFT LOCK	4-Cyl. diesel engine (1.9 l and 2.0 l engine, 2 and 4-valve. Fixing the crankshaft in place at the oval crankshaft pulley when adjusting the valve timing (TDC marking at 1 o'clock). Use of the oval belt pulley will be gradually introduced.	NEW	Direct injected diesel engines with oval belt



Tool Number	Tool Name	Application	Status	Model
T10060A	BELT TENSIONER LOCK PIN	Use to lock tensioner of ribbed V belts in place during removal and installation. Use with #3242, #3243 and #3391 and #T40005. Replaces #3204 and #T10060.	NEW	AUDI - AAH, AFC, AAN, APB, AHA, ATQ, AVK, ART, AWN, BBD



Tool Number	Tool Name	Application	Status	Model
T40098	BELT TENSIONER LOCK	For locking toothed belt tensioning element.	NEW	4-cyl. gasoline direct injection 2.0 ltr. turbo 4V engine



Tool Number	Tool Name	Application	Status	Model
AS4955	ALTERNATOR PULLEY REMOVER/INSTALLER KIT	Specialized kit of Sockets and Adaptors required to remove and install 'freewheel' alternator pulley on popular alternator makes, including Bosch, Valeo, Magneti Marelli, Denso etc. Kit includes M10XZN, T50 and M8 Hex. Sockets plus Adaptors required to locate and remove pulley.	NEW	AUDI, VW - All



Tool Number	Tool Name	Application	Status	Model
3299	RIBBED BELT INSTALLER	Removes and installs ribbed V-belts on the generator. Use with #3299/1 for AVK engine		AUDI - A4, A6, A8, TT, AVK, VW - Passat 1994 and newer, Golf 1992 and newer,

10-Engine Crankcase



Tool Number	Tool Name	Application	Status	Model
3299/1	RIBBED BELT RELEASE TOOL END	Removes and installs ribbed V-belts on the generator. Use with #3299 for AVK engine		AUDI - 6 Cyl. AVK



Tool Number	Tool Name	Application	Status	Model
10-203	OIL SEAL DRIVER	Installs crankshaft pulley, camshaft and intermediate shaft oil seals. 4 Piece set.		VW - Golf, Rabbit, Fox, GTI, Scirocco, AUDI - All Except V8



Tool Number	Tool Name	Application	Status	Model
3090	CONNECTING ROD SUPPORT	Holds up connecting rod to facilitate installation of piston pins. Use with #3091, #3159 and #3092.		Vanagon Waterbox



Tool Number	Tool Name	Application	Status	Model
3091	PISTON WRIST PIN PULLER	Expanding puller for piston pins. Use with #3090, #3159 and #3092.		Vanagon Waterbox



Tool Number	Tool Name	Application	Status	Model
3092	CYLINDER SLEEVE PULLER	Removes cylinder sleeve on Wasserboxer engine.		Vanagon Waterbox



Tool Number	Tool Name	Application	Status	Model
3159	PISTON PIN REAMER	Removes burr formed by piston pin circlip. Use with #3090, #3091 and #3092.		VW - Vanagon Waterbox



Tool Number	Tool Name	Application	Status	Model
3411	SUPPORT TOOL	Used when removing and installing lock carrier with attachments.		BEETLE



Tool Number	Tool Name	Application	Status	Model
10-222A	ENGINE SUPPORT BRIDGE	Suspends engine during removal of transmission.		AUDI, VW - All



Tool Number	Tool Name	Application	Status	Model
10-222A/1	REPLACEMENT FEET	Adapter Legs for Late Models		VW - VR6

10-Engine Crankcase



Tool Number	Tool Name	Application	Status	Model
3180	RETAINER	Use with #10-222A when removing or installing gearbox on 16 valve engines.		VW - Golf, Jetta, Scirocco 16 Valve engines



Tool Number	Tool Name	Application	Status	Model
3212	SPANNER WRENCH	Use to remove and install the viscous clutch on radiator fan and central hydraulic pump pulley.		AUDI - AAN, APB, AHA, ATQ, ART, AWN, BBD, S4, S6, A8, V8



Tool Number	Tool Name	Application	Status	Model
3247	KNOCK SENSOR BALL ALLEN SOCKET - 8mm	Special long ball Allen socket for removal and installation of knock sensor on V6 engines. V6 from 1998.		AUDI - 80 1992 and newer, TT from 2007, AAH, AFC, AHA, ATQ, VW from 2004 to present



Tool Number	Tool Name	Application	Status	Model
3278	PISTON INSTALLATION SLEEVE	Installs pistons on VR6 engines		VW - VR6 engine



Tool Number	Tool Name	Application	Status	Model
3312	VISCOSITY FAN WRENCH	Use to loosen and tighten viscosity fan. V6 and V8 models from 1998. Use with Torque wrench #ST735/20 and insert #VAG1332/1.		AUDI - AAN, AAH, AFC, APB, AHA, ATQ, AVK, ART, AWN, BBD



Tool Number	Tool Name	Application	Status	Model
3369	LOCK CARRIER PINS	Used when removing/installing lock carrier on hood when adjusting belts or servicing cylinder head		AUDI, VW - All from 1997



Tool Number	Tool Name	Application	Status	Model
ST12975	HOSE CLAMPS - 25mm	Use to close fuel, transmission lines during service. DO NOT USE ON FUEL HOSES AFTER 1997 MODELS.		VW, AUDI - All up to 1997, All transmissions to 2009



Tool Number	Tool Name	Application	Status	Model
409	PUNCH	Press punch for various transmission, engine and axle operations.		AUDI - All

10-Engine Crankcase



Tool Number	Tool Name	Application	Status	Model
T10053	ASSEMBLY TOOL	Guide sleeve and compression sleeve for installing the crankshaft sealing ring. Used on diesel 3 & 4 cyl. Diesel engines with pump injector.	NEW	3 & 4 Cyl. Diesels



Tool Number	Tool Name	Application	Status	Model
2085	SEAL PULLER - 32mm	Removes balance shaft and camshaft oil seals. Replaces #2002, #10-219 and #10-221 for most applications. See also #3240 & #3203.		AUDI - 100, 200 1991 and newer, S4, S6, V6 5000 1984 and earlier, AAN, AAH, AFC, APB, AHA, ATQ, ART, AWN, BBD, VW - Golf, Jetta from 1985, Fox, Quantum, Scirocco



Tool Number	Tool Name	Application	Status	Model
3240	SEAL PULLER - 35mm LONG BODY	Removes left and right front camshaft oil seals. Use with #2085/1 to remove left rear camshaft seal. Also see #2085 and #3203.		AUDI - AAH, AFC, APB, AHA, ATQ, ART, AWN, BBD, VW - VR6



Tool Number	Tool Name	Application	Status	Model
3203	SEAL REMOVER - 35mm	Removes front crankshaft (pulley) seal at the vibration damper. See seal installer #3202 and #2003/3.		VW - VR6, AUDI - AAN, AAH, AFC, APB, AVK, V8



Tool Number	Tool Name	Application	Status	Model
3202	PULLEY SEAL INSTALLER	Installs front crankshaft (pulley) seal. Used with seal puller #3203.		V6, V8



Tool Number	Tool Name	Application	Status	Model
3266	FRONT PULLEY SEAL INSTALLER	Installs crankshaft pulley oil seal. Use with vibration damper lock #3273.		VW - VR6 engine



Tool Number	Tool Name	Application	Status	Model
3083	OIL SEAL DRIVER	Installs crankshaft pulley seal.		AUDI - 4000, VW - Rabbit, Jetta, Golf, GTI, Fox, Dasher, Quantum, Scirocco, AEB, ATW

13-Engine Crankshaft, Pistons



Tool Number	Tool Name	Application	Status	Model
AS4740	GAS & DIESEL LOCKING KIT	Comprehensive kit for locking pumps, cams and pulleys during belt tensioning for adjusting and aids in setting timing. 1.7 & 1.9D/SDi/TDi Diesel Engines & 1.6-2.0 gasoline Engines. Includes: #2064, #2065A, #3359, #3369, #T10098A, #T10092, #T40011 & #V159	NEW	All TDI DIESEL, AUDI - 80, A3, S3, A4, A6, TT, Cabriolet, VW - Lupo, Polo/Classic, Caddy, Golf, Bora, Beetle, Passat, Touran, Sharan, Transporter



Tool Number	Tool Name	Application	Status	Model
AS4840	PUMP DUESE DIESEL TIMING TOOL KIT	A comprehensive kit for locking pumps, cams and pulleys during belt tensioning or adjusting and aids in setting timing for gasoline and 1.2Tdi, 1.4Tdi, 1.9Tdi, 2.0Tdi PD Diesel Engines.	NEW	AUDI - 80, A3, S3, A4, A6, Cabriolet; VW - Golf, Bora, Beetle, Fox, Passat, Transporter, Lupo, Polo/Classic, Caddy, Touran, Sharan



Tool Number	Tool Name	Application	Status	Model
AS4808	TWIN CAMSHAFT TIMING BELT TENSIONER AND VALVE TIMING TOOL SET	Use to hold the chain in position while disassembling and assembling the camshafts. Kit includes #3366, #T40011.	NEW	AUDI - V6 2.4 / 2.7 / 2.8 engines, VW - 1.8/1.8T engines:



Tool Number	Tool Name	Application	Status	Model
AS4765	AUXILIARY/SERPENTINE BELT TOOL SET	Designed to overcome restricted working space in this area of the engine compartment. Long handled, and incorporates a Ratchet. Drive. Complete with 13, 14, 15, 16 & 18mm sockets PLUS 3/8" & 1/2" drives. Belt Remover/Installer provides reach and maneuverability to thread the belt around the pulley system.	NEW	AUDI, VW - All



Tool Number	Tool Name	Application	Status	Model
AS4394	CAMSHAFT & INJECTION PUMP GEAR HOLDING/TURNING TOOL	Use to counter-hold camshaft or injection pump gear to allow removal and installation of retaining nut/bolt(s). See tensioner tools #3387, T40011, T10020.		AUDI, VW - All



Tool Number	Tool Name	Application	Status	Model
AS4844	COUNTERHOLD TOOL - UNIVERSAL	Used to turn crankshaft when checking timing. Also used to counterhold oil pump and camshaft chain sprocket. Same as VW #T10172.TOUAREG V10 and can be used in place of #AS4394. Especially for 4 cyl. Common Rail diesel engines.	NEW	AUDI, VW - All

13-Engine Crankshaft, Pistons



Tool Number	Tool Name	Application	Status	Model
AS4940	CAMSHAFT ADJUSTMENT GAUGE KIT - 3.0L V6	Use to lock and hold camshafts when adjusting the left and right camshafts. Includes #T40030, #T40011, #T40069 and #T10020	NEW	AUDI - A4, A6 2000-2004 Engine: AVK



Tool Number	Tool Name	Application	Status	Model
T40030	CAMSHAFT ADJUSTMENT GAUGE SET - 3.0L V6	Use to lock and hold camshafts when adjusting the left and right camshafts. Set of 2. Use with #T40026 and #T40028.	NEW	AUDI - A4, A6 2000-2004 Engine: AVK



Tool Number	Tool Name	Application	Status	Model
T40009	PULLEY TIGHTENER	Used when tensioning of tooth belt with proper tightening torque on AUDI A6 4.2L, V8	NEW	AUDI - A6 & A8, Engines: AKB, AUX, AYS, ART, AWN, BBD, BCY, BFM



Tool Number	Tool Name	Application	Status	Model
T40047	HALL SENDER SETTING GAUGE	Used to fix camshaft position sensor rotor ring when installing camshaft timing chains.	NEW	AUDI - A4 2001 and newer, A6 1998 and newer on 8-cyl. Engine



Tool Number	Tool Name	Application	Status	Model
T40049	CRANKSHAFT TURNING WRENCH	Used for turning crankshaft over when removing and installing camshaft timing chain 6 cyl. 3.2, 3.0 and 2.7L Diesel	NEW	AUDI - A4 2001 and newer, A6 1998 and newer



Tool Number	Tool Name	Application	Status	Model
T10069	VIBRATION DAMPER HOLDING WRENCH	Used to counter hold vibration damper when loosening and tightening damper securing nut on W8 engine. Use with VAG1601.	NEW	VW - Golf, Jetta, GTI, Passat. AUDI - A8 2005 Engines: BDF, BDP, BJS, BSB



Tool Number	Tool Name	Application	Status	Model
AS4955	ALTERNATOR PULLEY REMOVER/INSTALLER KIT	Specialized kit of Sockets and Adaptors required to remove and install 'freewheel' alternator pulley on popular alternator makes, including Bosch, Valeo, Magneti Marelli, Denso etc. Kit includes M10XZN, T50 and M8 Hex. Sockets plus Adaptors required to locate and remove pulley.	NEW	AUDI, VW - All



Tool Number	Tool Name	Application	Status	Model
B3400	ALTERNATOR PULLEY R&R KIT	Two piece alternator pulley remover/installer for VW and Audi with free-wheel pulley. Spline with 10mm XZN.		AUDI, VW - 1994 and newer

13-Engine Crankshaft, Pistons



Tool Number	Tool Name	Application	Status	Model
3400	MUTLI-TOOTH ADAPTER	Used for removal and installation of pulley with free-wheel. Use with T50 TORX.		AUDI - TT, VW 1994 and newer.



Tool Number	Tool Name	Application	Status	Model
558	FLYWHEEL LOCK	Flywheel and pressure plate locking pin.		Rabbit, GTI, Golf, Jetta. Scirocco



Tool Number	Tool Name	Application	Status	Model
2079	CRANKSHAFT PULLEY NUT WRENCH	Removes and installs crankshaft pulley nut on all 5 cylinder engines while in car. Use with #2084, #3197 or #3256.		VW - Fox, Quantum, AUDI - 4000, 5000, 100, 200, S4, S6, A8, V8



Tool Number	Tool Name	Application	Status	Model
2084	VIBRATION DAMPER HOLDER	Locks crankshaft pulley to facilitate removal of bolt on 5 cylinder and V-8 models. Use with #2079. See #3256 1992 and later models.		VW - Dasher, Quantum, V8, AUDI - A8 1996-1999 Engines: ABZ & 4000, 5000, 80, 90, AAN, ABZ & AEW



Tool Number	Tool Name	Application	Status	Model
3273	VIBRATION DAMPER LOCK	Locks vibration damper when removing and installing mount bolts.		VW - VR6 1992-97 Engine: AAA



Tool Number	Tool Name	Application	Status	Model
3265	FRONT PULLEY SEAL INSTALLER	Installs front crankshaft (pulley) seal.		AUDI - AAH, AFC, APB, AVK



Tool Number	Tool Name	Application	Status	Model
3099	SPUR BELT LOCK	Locks spur belt when removing and installing crankshaft O-ring and during tension adjustment.		AUDI - 4000, AUDI - 4000 Quattro, VW - All 4 Cyl. 1985 and newer except Vanagon.



Tool Number	Tool Name	Application	Status	Model
3312	VISCOSITY FAN WRENCH	Use to loosen and tighten viscosity fan. V6 and V8 models from 1998. Use with Torque wrench #ST735/20 and insert #VAG1332/1.		AUDI - AAN, AAH, AFC, APB, AHA, ATQ, AVK, ART, AWN, BBD

13-Engine Crankshaft, Pistons



Tool Number	Tool Name	Application	Status	Model
AS4741	SUPPORT SLEEVES AND PIN SET	Use to support front end when removing or installing the lock carrier on the hood. Includes VW #3369.		AUDI - A4, AVK



Tool Number	Tool Name	Application	Status	Model
3415	COUNTER SUPPORT TOOL	Used to counter-hold crankshaft toothed belt sprocket when installing crankshaft oil seal (belt pulley end).		VW - BEETLE



Tool Number	Tool Name	Application	Status	Model
30-506B	PRESS PAD - CRANKSHAFT NEEDLEBEARING	Installs crankshaft needle bearing in flywheel.		AAN



Tool Number	Tool Name	Application	Status	Model
3067	FLYWHEEL LOCK	Holds flywheel in position when torquing bolts.		Vanagon Diesel, JETTA 5-93, AUDI - TT 2-05, B6 2/07, B5 92-02

15-Cylinder Head, Valve Drive



Tool Number	Tool Name	Application	Status	Model
VAG1410	TORQUE WRENCH - 4-20Nm 14X18mm	Basic wrench with 3/8" insert tool. Scale: 4-20 Nm, Fast: The torque value is set in seconds on a sliding scale. Reliable: A perceptible jerk and a sharp click indicate that the prescribed torque setting has been reached. Versatile: Easily interchangeable tool inserts make the torque wrench a universal tool. Same as #ST730/2.		AUDI - A6 & A8, Engines: AKB, AUX, AYS, ART, AWN, BBD, BCY, BFM



Tool Number	Tool Name	Application	Status	Model
AS4840	PUMP DUESE DIESEL TIMING TOOL KIT	A comprehensive kit for locking pumps, cams and pulleys during belt tensioning or adjusting and aids in setting timing for gasoline and 1.2Tdi, 1.4Tdi, 1.9Tdi, 2.0Tdi PD Diesel Engines	NEW	AUDI - 80, A3, S3, A4, A6, Cabriolet; VW - Golf, Bora, Beetle, Fox, Passat, Transporter, Lupo, Polo/Classic, Caddy, Touran, Sharan

15-Cylinder Head, Valve Drive



Tool Number	Tool Name	Application	Status	Model
AS4740	GAS & DIESEL LOCKING KIT	Comprehensive kit for locking pumps, cams and pulleys during belt tensioning for adjusting and aids in setting timing. 1.7 & 1.9D/SDi/TDi Diesel Engines & 1.6-2.0 gasoline Engines. Includes: #2064, #2065A, #3359, #3369, #T10098A, #T10092, #T40011 & #V159	NEW	All TDI DIESEL, AUDI - 80, A3, S3, A4, A6, TT, Cabriolet, VW - Lupo, Polo/Classic, Caddy, Golf, Bora, Beetle, Passat, Touran, Sharan, Transporter



Tool Number	Tool Name	Application	Status	Model
T40046	CAMSHAFT LOCATOR	Used for locking camshafts when checking valve timing.	NEW	AUDI - A4 2001 and newer, A6 1998 and newer, 8-cyl. 4.2L engine



Tool Number	Tool Name	Application	Status	Model
T10070	HEAD BOLT SOCKET	TORX Headbolt Used for removing and installing polydrive cylinder head nuts. For original OEM headbolts. T10 TORX. Replaces special tool #3452	NEW	AUDI, VW - All



Tool Number	Tool Name	Application	Status	Model
T10070K	VW HEADBOLT TOOL SET	Polydrive headbolt sockets needed for late model VW and Audi Cylinder Heads. For OEM and aftermarket headbolts.	NEW	AUDI, VW - All



Tool Number	Tool Name	Application	Status	Model
3452	HEAD BOLT TOOL	Replaced by #T10070 or T10070K		AUDI, VW - All



Tool Number	Tool Name	Application	Status	Model
AS4430	VW HEADBOLT TOOL SET	Kit contains all the polydrive headbolt sockets needed for late model VW and Audi Cylinder Heads. For OEM and aftermarket headbolts. Includes 10 Ribe, 12mm XZN (12 pt.), 10mm HEX, T60 Torx, and E12 TORX	NEW	AUDI, VW - All



Tool Number	Tool Name	Application	Status	Model
T40001	CAMSHAFT SPROCKET PULLER	Use this special puller to remove the camshaft sprockets on a variety of VW and Audi camshafts.. Includes 17mm and 23mm pulling arms. Replaces #3032. Same as VW #T40001.	NEW	AUDI - APB, ART, AWN, BBD

15-Cylinder Head, Valve Drive



Tool Number	Tool Name	Application	Status	Model
T40070	CAMSHAFT ADJUSTMENT GAUGE SET - 3.2L V6	Locks camshafts when adjusting or assembling the left or right camshafts. Set of 2. Jetta from 2005,	NEW	AUDI - A6 from 2000, BGP, BGQ, BKH



Tool Number	Tool Name	Application	Status	Model
3212	SPANNER WRENCH	Use to remove and install the viscous clutch on radiator fan and central hydraulic pump pulley. 1/2" Drive. Use with #ST730/20 and #VAG1332/1		AUDI - AAN, APB, AHA, ATQ, ART, AWN, BBD, S4, S6, A8



Tool Number	Tool Name	Application	Status	Model
T10068A	CAMSHAFT BAR SET	Used to lock camshaft when removing and installing camshafts. Supersedes camshaft bar T10068.	NEW	6-cyl. engine (4-valve) W8, W12 engines



Tool Number	Tool Name	Application	Status	Model
T40060	COMMON RAIL TDI ADJUSTMENT PINS	For securing camshafts when adjusting valve timing	NEW	6 and 8-cyl. TDI Common Rail



Tool Number	Tool Name	Application	Status	Model
AS4395A	BELT TENSION GAUGE	Allows testing of belts to determine whether replacement is necessary or new belt tension is correct. Measures belt tension on all diesel models. Use with #V159 or #T10020	NEW	AUDI, VW - All



Tool Number	Tool Name	Application	Status	Model
3242	CRANKSHAFT LOCKING PIN	Holds crankshaft at TDC (top dead center) when removing and installing toothed timing belt and flywheel/drive plate. Use with #T10060A, #3243 and/or #3391.		VW - AHA, ATQ, BCY & BDP, AUDI - AAH, AFC, AHA, AKB, ART, ATQ, AUX, AVK, AWN, AYS, BBD, BCY, BEL, BFM, BHF, BNK & BSB





Tool Number	Tool Name	Application	Status	Model
T40026	CRANKSHAFT LOCKING PIN	Holds crankshaft at TDC (top dead center) when removing and installing toothed timing belt or flywheel/drive plate. 3.0 Liter only.	NEW	AUDI - A4, A6 2000-2004 Engine: AVK





Tool Number	Tool Name	Application	Status	Model
T40069	CRANKSHAFT LOCKING PIN	Used for securing crankshaft and adjusting valve timing. 6-cyl. engine 2.4 ltr and 3.2 FSI engines.	NEW	2.4 AND 3.2L


15-Cylinder Head, Valve Drive


	Tool Number	Tool Name	Application	Status	Model
	3243	TWIN CAMSHAFT HOLDER V6	Use to align camshafts at TDC during timing belt changes or cylinder head reassembly. Use with #T10060 and #3242.		AUDI - 90, A4, A6 1994-97. Engine: AFC, AAH


	Tool Number	Tool Name	Application	Status	Model
	3391	CAMSHAFT HOLDER - V6 5-VALVE	Holds camshaft at TDC during reassembly and timing V6 5 valve engines.. Use with #3204 and #3242. See #3243 for V6 2 valve engine.		AUDI A4, A6, AHA, ATQ, APB, BEL, VW - Passat V6 5 Valve 1998-2005, Engines: AHA, ATQ, APB & BEL


	Tool Number	Tool Name	Application	Status	Model
	T40005	CAMSHAFT HOLDER - V8	Use to lock camshafts relative to each other when replacing belts, tensioners or when removing crank bolts. AUDI A6, 4.2L, V8.	NEW	AUDI A6, A8, Engines AKB, AUX, AYS, ART, AWN, BBD, BCY & BFM, 1998-2003

	Tool Number	Tool Name	Application	Status	Model
	T40030	CAMSHAFT ADJUSTMENT GAUGE SET - 3.0L V6	Use to lock and hold camshafts when adjusting the left and right camshafts. Set of 2. Use with #T40026 and #T40028.	NEW	AUDI - A4, A6 2000-2004 Engine: AVK









	Tool Number	Tool Name	Application	Status	Model
	AS4940	CAMSHAFT ADJUSTMENT GAUGE KIT - 3.0L V6	Use to lock and hold camshafts when adjusting the left and right camshafts. Includes #T40030, #T40011, #T40026, #T10020 and #T40028	NEW	AUDI - A4, A6 2000-2004 Engine: AVK

	Tool Number	Tool Name	Application	Status	Model
	T40028	CAMSHAFT ADJUSTER SOCKET	Special groove nut socket to turn the camshaft adjuster rotates variable valve timing (exhaust side) to basic position when adjusting timing (V6 3.0L engine).	NEW	AUDI - A4, A6 2000-2004 Engine: AVK


	Tool Number	Tool Name	Application	Status	Model
	AS4765	AUXILIARY/SERPENTINE BELT TOOL SET	Designed to overcome restricted working space in this area of the engine compartment. Long handled, and incorporates a Ratchet. Drive. Complete with 13, 14, 15, 16 & 18mm sockets PLUS 3/8" & 1/2" drives. Belt Remover/Installer provides reach and maneuverability to thread the belt around the pulley system.	NEW	AUDI, VW - All


	Tool Number	Tool Name	Application	Status	Model
	B2001	DRIVE BELT TENSIONER REMOVER	Special bolt for removing drive belt tensioner on VR6 engines.		VR6 Engine


15-Cylinder Head, Valve Drive


	Tool Number T10008	Tool Name BELT TENSIONER LOCK PLATE	Application Use to lock tensioning roller on adjustable types beginning with 8/2000 engine models AUG & AWM. For earlier models use #T40011.	Status NEW	Model Engines: AUG, AWM, AEB, ATW, AMB, BEW
	Tool Number T03006	Tool Name BELT TENSIONER LOCK PIN	Application Locks the chain tensioner on 3.2L V6 engines.	Status	Model BGP BGQ
	Tool Number T10060A	Tool Name BELT TENSIONER LOCK PIN	Application Use to lock tensioner of ribbed V belts in place during removal and installation. Use with #3242, #3243, #3391 and #T40005. Replaces #3204 and #T10060.	Status NEW	Model VW & AUDI - Most Engines
	Tool Number T10115	Tool Name BELT TENSIONER LOCK PIN	Application Used to hold the ribbed belt tensioner in place while removing and installing it.	Status NEW	Model 1.9 and 2.0 (Engine codes BEW in Golf?/Jetta?/New Beetle? and BHW in Passat?)
	Tool Number T40011	Tool Name BELT TENSIONER LOCK PIN	Application Use to lock belt tensioner on non adjustable types. Set of 3.	Status NEW	Model VW - Most Engines
	Tool Number 3268	Tool Name CAMSHAFT ALIGNMENT PLATE-VR6	Application Use to locate the camshaft for proper timing position when assembling the VR6 engine.	Status	Model VW - Passat, Engines: AAA, AES & AFP
	Tool Number T10016	Tool Name CAMSHAFT LOCK	Application Use to lock camshaft during timing.	Status NEW	Model VW - A1, Audi A2
	Tool Number 3312	Tool Name VISCOSITY FAN WRENCH	Application Use to loosen and tighten viscosity fan. V6 and V8 models from 1998. Use with Torque wrench #ST735/20 and insert #VAG1332/1.	Status	Model AUDI - AAN, AAH, AFC, APB, AHA, ATQ, AVK, ART, AWN, BBD


15-Cylinder Head, Valve Drive


	Tool Number	Tool Name	Application	Status	Model
	3341	CAMSHAFT LOCATING FIXTURES	Used to locate camshaft when adjusting timing on AUDI A8 vehicles.		AUDI A8, Engines ABZ & AEW 5/1997 to 7/1999


	Tool Number	Tool Name	Application	Status	Model
	V159	BELT TENSION PIN WRENCH	Use to adjust tensioner on models with small pulley (early type). See pin wrench #3387 for later large pulley type. .		VW - Engines 1982-1997


	Tool Number	Tool Name	Application	Status	Model
	T10020	TOOTHED BELT TENSIONER	Used when installing and removing toothed belt. 1.9 diesel and 2.0L gas engines 2/98-2003	NEW	VW - AEG, AVH, AZG, ALH, BDC


	Tool Number	Tool Name	Application	Status	Model
	3387	PIN WRENCH	Use to adjust tensioner on models with large pulley (later type). See pin wrench #V159 for early small pulley type.		AUDI - AVK, VW - 1.8 and 3.0L engines.

	Tool Number	Tool Name	Application	Status	Model
	T40009	BELT TENSION PIN SOCKET	Used when tensioning of tooth belt with proper tightening torque on AUDI A6 4.2L, V8. Use with torque wrench #VAG1410 and VAS5122	NEW	AUDI - A6 & A8, Engines: AKB, AUX, AYS, ART, AWN, BBD, BCY, BFM

	Tool Number	Tool Name	Application	Status	Model
	3366	CAMSHAFT TENSIONER RETAINER	Use to hold the chain in position while disassembling and assembling the camshafts.		AUDI, VW - Most Engines

	Tool Number	Tool Name	Application	Status	Model
	T40071	LOCKING PINS	Used for fixing chain tensioner in pressed position.	NEW	AUDI A6 (C6) with 6-cyl. direct injection gasoline 3.2 liter 4v engine

	Tool Number	Tool Name	Application	Status	Model
	T40098	BELT TENSIONER LOCK	For locking toothed belt tensioning element.	NEW	4-cyl. gasoline direct injection 2.0 ltr. turbo 4V engine

	Tool Number	Tool Name	Application	Status	Model
	3418	CAMSHAFT SETTING GAUGE (DIESEL)	Use to adjust the position of the camshaft when setting injection pump timing or when reassembling cylinder head.		VW Engine: ALH

15-Cylinder Head, Valve Drive



Tool Number	Tool Name	Application	Status	Model
10-208	VALVE SHIM PLIERS	Removes valve adjustment shims from VW - All/AUDI water cooled models with mechanical lifter assemblies.		VW, AUDI - All 1988 and newer



Tool Number	Tool Name	Application	Status	Model
T10092	TENSIONING BOLT	Used for loosening V-belt tightening device.	NEW	4 Cyl gas, and diesel



Tool Number	Tool Name	Application	Status	Model
3362	VALVE SPRING COMPRESSOR	Used when removing valve springs on 4 Cyl. 1.8L, turbo 5-valve AUDI A4 and Passat B5.		1.8L, turbo 5-valve AUDI A4 and Passat B5.



Tool Number	Tool Name	Application	Status	Model
2036	VALVE SPRING ADJUSTABLE CROSS BAR	Use with 541/1 to remove and install valve springs. Replaces 541/2.		AUDI - All to 1990, AAN, AAH, AFC, VW - All



Tool Number	Tool Name	Application	Status	Model
541/1	VALVE SPRING COMPRESSION LEVER	Use to compress valve springs, use with #2036 and #541/5 or #541/6		AUDI - 3A, NG, 7A, AAN, AAH, AFC, APB, AHA, ATQ, VW - All Water Cooled



Tool Number	Tool Name	Application	Status	Model
541/5	VALVE SPRING PRESSURE PIECE	Use with #541/1 and #2036 to compress valve springs.		VW, AUDI - 3A, NG, 7A, AAN, AAH, AFC, APB, AHA, ATQ, VR6



Tool Number	Tool Name	Application	Status	Model
541/6	VALVE SPRING PRESSURE PIECE	Use with #541/1 and #2036 to compress valve springs. on 6 cyl. TDI engines.		All TDI DIESEL, AUDI - 80, A3, S3, A4, A6, TT, Cabriolet, VW - Lupo, Polo/Classic, Caddy, Golf, Bora, Beetle, Passat, Touran, Sharan, Transporter



Tool Number	Tool Name	Application	Status	Model
3365	VALVE STEM SEAL DRIVER	Used for pressing the valve shaft seal on the valve guide.		AUDI - APB, AHA, ATQ, AVK, ART, AWN, BBD

15-Cylinder Head, Valve Drive



Tool Number	Tool Name	Application	Status	Model
546	VALVE TAPPET LEVER	Preloads tappets for easy removal of valve adjustment shims. Also see #10-208. Use #2078 for later models.		VW - All 4 cylinder engines to 1985



Tool Number	Tool Name	Application	Status	Model
2078	VALVE TAPPET LEVER	Preloads tappets for easy removal of valve adjustment shims. Also see #10-208. Use #546 for earlier models. NOT FOR MODELS EQUIPPED WITH HYDRAULIC LIFTERS.		VW - All (Gas 1981 and newer Diesel 1983 and newer), AUDI - 4000, 5000 except hydraulic lifter types



Tool Number	Tool Name	Application	Status	Model
VAG-CPK	IGNITION COIL PACK PULLER KIT (4)	This kit contains all the ignition coil pullers for servicing integrated coil, powerstage sparkplugs. Includes: #T10166, #T10094A, #T10095A and #T40039	NEW	VW 8 and 12 CYL - AWA, ASN, BBK, VW Polo,golf 1.4, 1.6i, Caddy 1.4i, Bora, 1.4L, 1.6L, Passat,Touran 1.6L Phaeton, Transporter T4, 5 And 6 cyl , Golf, Bora, 4 and 5 cyl. Passat, 6 cyl, Sharan, Touareg, Phaeton



Tool Number	Tool Name	Application	Status	Model
AS4990	COIL PACK PULLER KIT	For Direct Ignition (final output stage) - Coil on Plug applications. 4 Inter-changeable heads covering huge range of VAG engines in one kit. Using right tool AVOIDS DAMAGE to plastic coil head. Kit includes special LOCKING MECHANISM DEPRESSOR Tool.	NEW	VW/AUDI - 1.2 TO 6.0 Liter engines



Tool Number	Tool Name	Application	Status	Model
T10094A	IGNITION COIL OUTPUT STAGE PULLER	Introduction of the new ignition coil with final output stage 036 905 715 C a new puller #T10094A is necessary. Special Tool #T10094A fully covers the previous function of #T10094.	NEW	VW - Polo, Golf, Caddy, Bora, Passat, Touran, Phaeton, Transporter. 1.4L 1.6L



Tool Number	Tool Name	Application	Status	Model
T10095A	IGNITION COIL PULLER	For removing and assembly of ignition coils with final output stage. 2.8-liter, VR6,4-valve engines.	NEW	VW - VR6 Engine

15-Cylinder Head, Valve Drive



Tool Number	Tool Name	Application	Status	Model
T10166	IGNITION COIL PULLER (W8 & W12 ENG.)	Used for removal and fitting of ignition coils with final output stage. Used on 8-cyl. (W8) and 12-cyl. (W12 injection engines)	NEW	VW - Passat 1997 and earlier, Phaeton 2003 and earlier, 8-cyl. (W8) and 12-cyl



Tool Number	Tool Name	Application	Status	Model
T40039	IGNITION COIL PULLER	Used for removal and assembly of ignition coils with final output stage.	NEW	AWA, ASN, BBK



Tool Number	Tool Name	Application	Status	Model
3070	HEAD ALIGNMENT KIT	Speeds installation of cylinder heads. Includes handle and guide pins in 11mm and 12mm.		VW, AUDI - All except Vanagon



Tool Number	Tool Name	Application	Status	Model
AS4394	CAMSHAFT & INJECTION PUMP GEAR HOLDING/TURNING TOOL	Use to counter-hold camshaft or injection pump gear to allow removal and installation of retaining nut/bolt(s). See tensioner tools #3387, T40011, T10020.		AUDI, VW - All



Tool Number	Tool Name	Application	Status	Model
AS4844	COUNTERHOLD TOOL - UNIVERSAL	Used to turn crankshaft when checking timing. Also used to counterhold oil pump and camshaft chain sprocket. Same as VW #T10172.TOUAREG V10 and can be used in place of #AS4394. Especially for 4 cyl. Common Rail diesel engines.	NEW	AUDI, VW - All



Tool Number	Tool Name	Application	Status	Model
3199	LOCATING FIXTURE-CAMSHAFT V8	Use to position camshaft during reassembly to insure correct timing position.		AUDI - V8



Tool Number	Tool Name	Application	Status	Model
2065A	CAMSHAFT LOCK	Holds cam in place during R&R of injection pump and timing belt and while setting timing on diesel and some gas engines.		VW - 1V, 1Z, AAB, ACV, AHU, ALH, AWP, AWV, CS, CY, DE, MD, ME, MF, AAZ, AUDI - Diesel



Tool Number	Tool Name	Application	Status	Model
10-203	OIL SEAL DRIVER	Installs crankshaft pulley, camshaft and intermediate shaft oil seals. 4 Piece set.		VW - Golf, Rabbit, Fox, GTI, Scirocco, AUDI - All Except V8

15-Cylinder Head, Valve Drive



Tool Number	Tool Name	Application	Status	Model
2085	SEAL PULLER - 32mm	Removes balance shaft and camshaft oil seals. Replaces #2002, #10-219 and #10-221 for most applications. See also #3240 & #3203.		AUDI - 5000 1984 and earlier, AAN, AAH, AFC, APB, AHA, ATQ, ART, AWN, BBD, VW - Golf, Jetta and earlier 1985, Fox, Quantum, Scirocco



Tool Number	Tool Name	Application	Status	Model
3203	SEAL REMOVER - 35mm	Removes front crankshaft (pulley) seal at the vibration damper. Used with seal installer #3202 and #2003/3. See #2085 for earlier models.		VW - VR6, AUDI - AAN, AAH, AFC, APB, AVK, V8



Tool Number	Tool Name	Application	Status	Model
3240	SEAL PULLER - 35mm LONG BODY	Removes left and right front camshaft oil seals. Use with #2085/1 to remove left rear camshaft seal. Also see #2085 and #3203.		AUDI - AAH, AFC, APB, AHA, ATQ, ART, AWN, BBD, VW - VR6



Tool Number	Tool Name	Application	Status	Model
3241	SEAL INSTALLER	Installs left and right front camshaft oil seals. Use with remover #3240.		AUDI - AAH, AFC, APB, AHA, ATQ, ART, AWN, BBD

17-Lubrication System



Tool Number	Tool Name	Application	Status	Model
103-0209	OIL FILTER WRENCH - 74mm	14 POINT 74mm 3/8" drive socket type filter remover for spin on fuel filters. Reinforced construction and side lock bolts to remove the most stubborn filters. Also see #H2169-1 and H2168, and 4474 for diesel models.		All except Fox & Diesel




Tool Number	Tool Name	Application	Status	Model
4474	OIL FILTER WRENCH	Removes MANN, KNECHT and MAHLE filters with slotted bottoms. These filters, with knurled sides, are found on Diesels and some late model Gas models.		Diesel Only




Tool Number	Tool Name	Application	Status	Model
T40001	CAMSHAFT SPROCKET PULLER	Use this special puller to remove the camshaft sprockets on a variety of VW and Audi camshafts.. Includes 17mm and 23mm pulling arms. Replaces #3032.	NEW	AUDI - APB, ART, AWN, BBD, VW - 1Z,


17-Lubrication System


	Tool Number	Tool Name	Application	Status	Model
	T10058	BALL ALLEN SOCKET - 5mm	Special long 5mm ball Allen socket for removal and installation of oil pan bolts on 5-cylinder diesel engine. Replaces #3249.	NEW	VW, AUDI - All


	Tool Number	Tool Name	Application	Status	Model
	AS6050	OIL FILTER REMOVER	Special socket utilizes old timing belt to act as an oil filter remover.	NEW	AUDI, VW - All


19-Cooling System


	Tool Number	Tool Name	Application	Status	Model
	T40098	BELT TENSIONER LOCK	For locking toothed belt tensioning element.	NEW	4-cyl. gasoline direct injection 2.0 ltr. turbo 4V engine

	Tool Number	Tool Name	Application	Status	Model
	AS4765	AUXILIARY/SERPENTINE BELT TOOL SET	Designed to overcome restricted working space in this area of the engine compartment. Long handled, and incorporates a Ratchet. Drive. Complete with 13, 14, 15, 16 & 18mm sockets PLUS 3/8" & 1/2" drives. Belt Remover/Installer provides reach and maneuverability to thread the belt around the pulley system.	NEW	AUDI, VW - All

	Tool Number	Tool Name	Application	Status	Model
	3299	RIBBED BELT INSTALLER	Removes and installs ribbed V-belts on the generator. Use with #3299/1 for AVK engine	NEW	AUDI - A4, A6, A8, TT, AVK, VW - Passat 1994 and newer, Golf 1992 and newer,

	Tool Number	Tool Name	Application	Status	Model
	3299/1	RIBBED BELT RELEASE TOOL END	Removes and installs ribbed V-belts on the generator. Use with #3299 for AVK engine	NEW	AUDI - 6 Cyl. AVK

	Tool Number	Tool Name	Application	Status	Model
	FZ41	RADIATOR CORE/RESERVOIR ADAPTER	Use with a standard U.S. pressure tester such as Stant, Blue Point or Napa to check for leakage of radiator core/reservoir. 1998 AND NEWER	NEW	AUDI, VW - All 1999 and newer

	Tool Number	Tool Name	Application	Status	Model
	FZ42	RADIATOR CORE/RESERVOIR CAP ADAPTER	Use with a standard U.S. pressure tester such as Stant, Blue Point or Napa to check for leakage of radiator caps . 1998 AND NEWER	NEW	AUDI, VW - All 1999 and newer

19-Cooling System



Tool Number	Tool Name	Application	Status	Model
FZ30	RADIATOR CAP ADAPTER	Use with a standard U.S. pressure tester such as Stant, Blue Point or Napa to check leakage and opening pressure of micro type caps.		AUDI, VW - All 1989 to 1998



Tool Number	Tool Name	Application	Status	Model
FZ31	RADIATOR CAP ADAPTER	Use with a standard U.S. pressure tester such as Stant, Blue Point or Napa to check for leakage of radiator core/reservoir.		AUDI, VW - All 1989 to 1998



Tool Number	Tool Name	Application	Status	Model
FZ22	RADIATOR CORE/RESERVOIR ADAPTER	Use with a standard U.S. pressure tester such as Stant, Blue Point or Napa to check leakage and opening pressure of core with micro type caps. 1990-1998 see FZ41 and FZ42 for newer models		AUDI - All pre 1989



Tool Number	Tool Name	Application	Status	Model
FZ23	RADIATOR CAP ADAPTER	Use with a standard U.S. pressure tester such as Stant, Blue Point or Napa to check for leakage of radiator cap. 1990-1998 see FZ41 and FZ42 for newer models		All 1990 to 1998



Tool Number	Tool Name	Application	Status	Model
VAG1590	COOLANT PUMP WRENCH	Use to loosen and tighten bolts on coolant pump.		VR6 Engine



Tool Number	Tool Name	Application	Status	Model
3312	VISCOSITY FAN WRENCH	Use to loosen and tighten viscosity fan. V6 and V8 models from 1998. Use with Torque wrench #ST735/20 and insert #VAG1332/1.	NEW	AUDI - AAN, AAH, AFC, APB, AHA, ATQ, AVK, ART, AWN, BBD



Tool Number	Tool Name	Application	Status	Model
3212	SPANNER WRENCH	Use to remove and install the viscous clutch on radiator fan and central hydraulic pump pulley.		AUDI - AAN, APB, AHA, ATQ, ART, AVK, AAH, AWN, BBD, S4, S6, A8



Tool Number	Tool Name	Application	Status	Model
B2001	DRIVE BELT TENSIONER REMOVER	Special bolt for removing drive belt tensioner on VR6 engines.		VR6 Engine

20-Fuel Supply



Tool Number	Tool Name	Application	Status	Model
T40068A	FUEL SENDER WRENCH	Used for removing and installing union nut on fuel gauge sender. Tool T40068A supercedes tool T40068.	NEW	AUDI - A6 2005 and earlier, A8 1994 and earlier, A8 2003 and earlier A6 2005 and earlier, A5 2007



Tool Number	Tool Name	Application	Status	Model
3217	FUEL SENDER WRENCH	Removes and installs 139mm fuel gauge sending unit retainer nut.		VW - VR6 Engine, AUDI - A4, A6



Tool Number	Tool Name	Application	Status	Model
3307	FUEL PUMP WRENCH	Wrench for removing and installing the fuel pump.		AUDI - 80, 90 Quattro, 100 Turbo 1991 and earlier, A4 from 2001, A8 from 2003, TT from 2001, VW Passat 1997-2006



Tool Number	Tool Name	Application	Status	Model
2012A	FUEL SENDER WRENCH	Special fuel sending unit socket allows easy removal and installation.		VW - Rabbit, Jetta, GTI 1984 and newer, AUDI - 4000



Tool Number	Tool Name	Application	Status	Model
3214	FUEL PUMP WRENCH	Removes and installs fuel pump on models to 1997.		100, 200, V6, V8



Tool Number	Tool Name	Application	Status	Model
ST12975	HOSE CLAMPS - 25mm	Use to close fuel line during fuel tank service. DO NOT USE ON FUEL HOSES AFTER 1997 MODELS.		VW, AUDI - All up to 1997

23-Diesel Injection System



Tool Number	Tool Name	Application	Status	Model
AS4740	GAS & DIESEL LOCKING KIT	Comprehensive kit for locking pumps, cams and pulleys during belt tensioning for adjusting and aids in setting timing. 1.7 & 1.9D/SDi/TDi Diesel Engines & 1.6-2.0 gasoline Engines. Includes: #2064, #2065A, #3359, #3369, #T10098A, #T10092, #T40011 & #V159	NEW	All TDI DIESEL, AUDI - 80, A3, S3, A4, A6, TT, Cabriolet, VW - Lupo, Polo/Classic, Caddy, Golf, Bora, Beetle, Passat, Touran, Sharan, Transporter

23-Diesel Injection System



Tool Number	Tool Name	Application	Status	Model
B611-0421	COMMON RAIL INJECTOR BACKFLOW TESTER	Use to measure fuel return rate from injectors in common rail diesels. Includes adapters and 6 graduate cylinders and 6 graduated bottles.		AUDI, VW - All PUMPE DIESEL



Tool Number	Tool Name	Application	Status	Model
AS4840	PUMP DUESE DIESEL TIMING TOOL KIT	A comprehensive kit for locking pumps, cams and pulleys during belt tensioning or adjusting and aids in setting timing for gasoline and 1.2Tdi, 1.4Tdi, 1.9Tdi, 2.0Tdi PD Diesel Engines.	NEW	AUDI - 80, A3, S3, A4, A6, Cabriolet; VW - Golf, Bora, Beetle, Fox, Passat, Transporter, Lupo, Polo/Classic, Caddy, Touran, Sharan



Tool Number	Tool Name	Application	Status	Model
AS4394	CAMSHAFT & INJECTION PUMP GEAR HOLDING/TURNING TOOL	Use to counter-hold camshaft or injection pump gear to allow removal and installation of retaining nut/bolt(s). See tensioner tools #3387, T40011, T10020.		AUDI, VW - All



Tool Number	Tool Name	Application	Status	Model
AS4844	COUNTERHOLD TOOL - UNIVERSAL	Used to turn crankshaft when checking timing. Also used to counterhold oil pump and camshaft chain sprocket. Same as VW #T10172.TOUAREG V10 and can be used in place of #AS4394. Especially for 4 cyl. Common Rail diesel engines.	NEW	AUDI, VW - All



Tool Number	Tool Name	Application	Status	Model
AS4395A	BELT TENSION GAUGE	Allows testing of belts to determine whether replacement is necessary or new belt tension is correct. Measures belt tension on all diesel models. Use with #V159 or #T10020	NEW	AUDI, VW - Diesel



Tool Number	Tool Name	Application	Status	Model
T40001	CAMSHAFT SPROCKET PULLER	Use to pull injection pump gear or pulley. Use this special puller to remove the camshaft sprockets on a variety of VW and Audi camshafts.. Includes 17mm and 23mm pulling arms. Replaces #3032. Same as VW #T40001.Same as Kukko #KK118.	NEW	AUDI - APB, ART, AWN, BBD



Tool Number	Tool Name	Application	Status	Model
M500	GLOW PLUG ANALYZER	Use to test 12 volt glow plug systems in late model diesel	NEW	AUDI, VW - All DIESEL

23-Diesel Injection System



Tool Number	Tool Name	Application	Status	Model
M502	DIESEL FUEL PRESSURE METER	Measures the diesel fuel pressure in high pressure CDI type engines. Measures from the cars fuel pressure sensor.	NEW	AUDI, VW - All PUMPE DIESEL



Tool Number	Tool Name	Application	Status	Model
M70TE	DIESEL COMPRESSION GAUGE - 1000 psi	Direct reading compression gauge with hose and quick connect adapter for diesel engines.		VW, AUDI - Diesel



Tool Number	Tool Name	Application	Status	Model
M70TE/1	BOSCH INJECTION NOZZLE ADAPTER - ALL EUROPEAN			VW, AUDI - Diesel



Tool Number	Tool Name	Application	Status	Model
M70TE/2	BOSCH GLOW PLUG 12X1.5mm - LATE MODELS			AUDI - Diesel



Tool Number	Tool Name	Application	Status	Model
M70TE/2A	BOSCH GLOW PLUG 12X1.5mm - LATE MODELS			Diesel



Tool Number	Tool Name	Application	Status	Model
V159	BELT TENSION WRENCH - 2 PIN	Adjusts tension on timing (spur) belt.		All Diesel, Gas Engines 1985 and earlier



Tool Number	Tool Name	Application	Status	Model
2064	INJECTION PUMP LOCK PIN - DIESEL	Holds diesel injection pump gear during R&R of timing belt and injection pump.		1V, 1Z, AAB, ACV, AHU, AWP, AWW, CS, CY, DE, MD, ME, MF



Tool Number	Tool Name	Application	Status	Model
2065A	CAMSHAFT LOCK	Holds cam in place during R&R of injection pump and timing belt and while setting timing.		1V, 1Z, AAB, ACV, AHU, AWP, AWW, CS, CY, DE, MD, ME, MF



Tool Number	Tool Name	Application	Status	Model
2066	DIESEL DIAL GAUGE ADAPTER	Use to check and adjust injection pump timing. Use with #20A dial indicator.		1V, 1Z, AAB, ACV, AHU, AWP, AWW, CS, CY, DE, MD, ME, MF

23-Diesel Injection System



Tool Number	Tool Name	Application	Status	Model
20A	DIAL INDICATOR - 5mm RANGE/.01mm ACCURACY	'Midget' dial indicator with revolution counter, flat backing, knurled bezel, 8mm shank for European stands and 40mm diameter face. Ideal for tight locations such as diesel injection pumps.		AUDI, VW - All



Tool Number	Tool Name	Application	Status	Model
3418	CAMSHAFT SETTING GAUGE (DIESEL)	Use to adjust the position of the camshaft when setting injection pump timing or when reassembling cylinder head.		Engine: ALH



Tool Number	Tool Name	Application	Status	Model
T10053	ASSEMBLY TOOL	Guide sleeve and compression sleeve for installing the crankshaft sealing ring. Used on diesel 3 & 4 cyl. Diesel engines with pump injector.	NEW	3 & 4 Cyl. Diesels



Tool Number	Tool Name	Application	Status	Model
3359	DIESEL PUMP PIN	Use to test diesel fuel pump timing on diesels with a divided pump gear. TDI Diesel, ECO Diesel.		Polo 1995 and earlier, Golf, Jetta 1992 and earlier, Passat 1988 and earlier, VW Engines: AAZ, ALH, BEW, BHW 10/94 and later



Tool Number	Tool Name	Application	Status	Model
ST51-27	DIESEL INJECTOR SOCKET - 27mm EXTRA DEEP	Special relief cut inside accommodates small leakage return tubes.		1V, 1Z, AAB, ACV, AHU, AWP, AWW, CS, CY, DE, MD, ME, MF, AAZ



Tool Number	Tool Name	Application	Status	Model
US2568	DIESEL PUMP MOUNT BOX WRENCH - 13mm	Special 'L' wrench to access injection pump mount screws.		1V, 1Z, AAB, ACV, AHU, AWP, AWW, CS, CY, DE, MD, ME, MF, AAZ



Tool Number	Tool Name	Application	Status	Model
3035	INJECTION LINE FLARE WRENCH - 17mm	Remove and install injection fittings, lines and pipes.		AUDI, VW - Diesel

24-Fuel Injection System (Motronic)



Tool Number	Tool Name	Application	Status	Model
M99	LAMBDA CONTROL TESTER	Open/closed loop tester allows analysis of O2 Lambda feedback loop. Use to set CO level, check oxygen sensor and ECU for proper rich/lean response. Auto senses Titania or Zirconia O2 sensors.		All O2 Sensor Equipped

24-Fuel Injection System (Motronic)



Tool Number	Tool Name	Application	Status	Model
M501	THROTTLE POTENTIOMETER TESTER	Test the throttle potentiometer used in all late model	NEW	AUDI, VW - All TP type engines



Tool Number	Tool Name	Application	Status	Model
1318-R	FUEL INJECTION PRESSURE GAUGE - ECONOMY KIT	Checks charging (supply), running and leakage pressures of all types of injection systems. Includes: Gauge (160psi/1100kpa), 3-way switch, hoses and fittings and storage case.		AUDI, VW - All



Tool Number	Tool Name	Application	Status	Model
OBD2-BOB	OBD-II BREAK OUT BOX	This J1962 break out box allows access to all wires in the OBD-II / EOBD III Diagnostic Interface This makes it easy to trace CAN Bus faults, Power supply problems and track failed diagnostic controllers.	NEW	All Models from 1996 to the present.



Tool Number	Tool Name	Application	Status	Model
B7205J	TERMINATOR	The Terminator is a superior Logic probe combining the features of a DMM and oscilloscope but simplifying the display for technicians that want to find the pulse but don't need the to see the trace. Particularly useful for tracing CAN signals.	NEW	VW, AUDI - All



Tool Number	Tool Name	Application	Status	Model
B1630	RESISTANCE SUBSTITUTION BOX	Resistance substitution box allows testing and calibration of dash gauges, injection system sensors, cruise control, and anti theft systems.		AUDI, VW - All

25-Fuel Injection System (CIS, Digifant)



Tool Number	Tool Name	Application	Status	Model
1318MASTER	FUEL INJECTION PRESSURE TEST - MASTER KIT	Checks charging (supply), running and leakage pressures of all types of injection systems. Includes: Gauge (160psi/1100kpa), 3-way switch, all hoses, all fittings and storage case.		AUDI, VW - All



Tool Number	Tool Name	Application	Status	Model
M99	LAMBDA CONTROL TESTER	Open/closed loop tester allows analysis of O2 Lambda feedback loop. Use to set CO level, check oxygen sensor and ECU for proper rich/lean response. Auto senses Titania or Zirconia O2 sensors.		All O2 Sensor Equipped



Tool Number	Tool Name	Application	Status	Model
1123/1	ALLEN SOCKET - 11mm	11mm Allen socket for plastic injector inserts- GTI		GTI

25-Fuel Injection System (CIS, Digifant)



Tool Number	Tool Name	Application	Status	Model
1123/2	ALLEN SOCKET - 12mm	12mm Allen socket for plastic injector inserts - VW		VW



Tool Number	Tool Name	Application	Status	Model
1123/3	ALLEN SOCKET - 13mm	13mm Allen socket for plastic injector inserts - AUDI		AUDI



Tool Number	Tool Name	Application	Status	Model
1123/4	CIS INJECTOR PULLER	Use to remove CIS and CIS/E injectors.		VW, AUDI - All



Tool Number	Tool Name	Application	Status	Model
B1630	RESISTANCE SUBSTITUTION BOX	Resistance substitution box allows testing and calibration of dash gauges, injection system sensors, cruise control, and anti theft systems.		AUDI, VW - All

26-Exhaust System/emission Controls



Tool Number	Tool Name	Application	Status	Model
3049A	EXHAUST CLIP SPREADER	Remove and install exhaust manifold spring clips. See 3140A.		Golf, Jetta, GTI, Rabbit, Scirocco, Passat (Diesel 1981 and earlier, Gas 1985 and earlier)

27-Electrical - Starter, Alternator, Battery



Tool Number	Tool Name	Application	Status	Model
AS4765	AUXILIARY SERPENTINE BELT TOOL SET	Designed to overcome restricted working space in this area of the engine compartment. Long handled, and incorporates a Ratchet. Drive. Complete with 13, 14, 15, 16 & 18mm sockets PLUS 3/8" & 1/2" drives. Belt Remover/Installer provides reach and maneuverability to thread the belt around the pulley system.	NEW	AUDI, VW - All



Tool Number	Tool Name	Application	Status	Model
3299	RIBBED BELT INSTALLER	Removes and installs ribbed V-belts on the generator.		VW - Polo 1995 and earlier, Golf, Jetta 1992 and earlier, Passat 1988 and earlier, Corrado (VR6), T4 Eurovan

27-Electrical - Starter, Alternator, Battery



Tool Number	Tool Name	Application	Status	Model
3299/1	CLUTCH RELEASE TOOL END	Use to release clutch when removing clutch master cylinder ON 8 Cyl. AVK		AUDI - 6 Cyl. AVK,



Tool Number	Tool Name	Application	Status	Model
AS4955	ALTERNATOR PULLEY REMOVER/INSTALLER KIT	Specialized kit of Sockets and Adaptors required to remove and install 'freewheel' alternator pulley on popular alternator makes, including Bosch, Valeo, Magneti Marelli, Denso etc. Kit includes M10XZN, T50 and M8 Hex. Sockets plus Adaptors required to locate and remove pulley.	NEW	AUDI, VW - All



Tool Number	Tool Name	Application	Status	Model
B3400	ALTERNATOR PULLEY R&R KIT	Two piece alternator pulley remover/installer for VW and Audi with free-wheel pulley. Spline with 10mm XZN.	NEW	AUDI, VW - All



Tool Number	Tool Name	Application	Status	Model
3400	MUTLI-TOOTH ADAPTER	Used for removal and installation of pulley with free-wheel. Use with T50 TORX.	NEW	AUDI - TT

28-Ignition System










Tool Number	Tool Name	Application	Status	Model
VAG-CPK	COIL PACK PULLER KIT	This kit contains all the ignition coil pullers for servicing inegrated coil, powerstage sparkplugs. Includes: #T10166, #T10094A, #T10095A and #T40039	NEW	VW 8 and 12 CYL - AWA, ASN, BBK, VW Polo,golf 1.4, 1.6i, Caddy 1.4i, Bora, 1.4L, 1.6L, Passat,Touran 1.6L Phaeton, Transporter T4, 5 And 6 cyl , Golf, Bora, 4 and 5 cyl. Passat, 6 cyl, Sharan, Touareg, Phaeton




Tool Number	Tool Name	Application	Status	Model
AS4990	COIL PACK PULLER KIT	For Direct Ignition (final output stage) - Coil on Plug applications. 4 Inter-changeable heads covering huge range of VAG engines in one kit. Using right tool AVOIDS DAMAGE to plastic coil head. Kit includes special LOCKING MECHANISM DEPRESSOR Tool.	NEW	VW/AUDI - 1.2 TO 6.0 Liter engines

28-Ignition System

	Tool Number	Tool Name	Application	Status	Model
	T10094A	COIL OUTPUT STAGE PULLER	Introduction of the new ignition coil with final output stage 036 905 715 C a new puller #T10094A is necessary. Special Tool #T10094A fully covers the previous function of #T10094.	NEW	VW - Polo, Golf, Caddy, Bora, Passat, Touran, Phaeton, Transporter. 1.4L 1.6L
	Tool Number	Tool Name	Application	Status	Model
	T10095A	COIL OUTPUT STAGE PULLER	Used for removal and fitting of ignition coils with final output stage.	NEW	VW - Phaeton 2003, Golf 1998, Bora 1999, Sharan 1996, Passat 1997
	Tool Number	Tool Name	Application	Status	Model
	T40039	COIL PULLER	Used for removal and assembly of ignition coils with final output stage.	NEW	AWA, ASN, BBK
	Tool Number	Tool Name	Application	Status	Model
	T10166	COIL OUTPUT STAGE PULLER	Used for removal and fitting of ignition coils with final output stage. Used on 8-cyl. (W8) and 12-cyl. (W12 injection engines)	NEW	VW - W8 and W12 Engines
	Tool Number	Tool Name	Application	Status	Model
	B7205J	TERMINATOR	The Terminator is a superior Logic probe combining the features of a DMM and oscilloscope but simplifying the display for technicians that want to find the pulse but don't need the to see the trace. Particularly useful for tracing CAN signals.	NEW	VW, AUDI - All
	Tool Number	Tool Name	Application	Status	Model
	T10112	SPARK PLUG WIRE TOOL	Special tool for removing and installing spark plug wires in engines with deep spark plug ports. Replaces #3277A for 4 cylinder models.	NEW	AEG, AVH, AZG, BBW, BDC, BEV, BGD
	Tool Number	Tool Name	Application	Status	Model
	T10029	SPARK PLUG CONNECTOR TOOLS	Used when removing / installing spark plug wire connectors. Updated version that replaces #3277A.	NEW	AUDI, VW - All

30-Clutch

	Tool Number	Tool Name	Application	Status	Model
	T10066	HALDEX CLUTCH FILTER WRENCH	Used when detaching & tightening the oil filter of the haldex clutch. O2C and 02M transmission.	NEW	O2C AND 02M

30-Clutch

	Tool Number	Tool Name	Application	Status	Model
	547	CLUTCH PILOT DISK	Centers clutch on older models. Transmissions 020, 02K. See #3178 for later models.		VW - 1984 to 1992 Transmissions 020, 02K.
	Tool Number	Tool Name	Application	Status	Model
	3178	CLUTCH ALIGNMENT DISK	Centers clutch for easy installation when assembling the clutch on the 16 valve engine. See #547 for earlier models.		VW - All 16 Valve Engines 1992 and NEWERr
	Tool Number	Tool Name	Application	Status	Model
	3151	CLUTCH CABLE FIXTURE	Positions self adjusting clutch cable at transmission.		Golf, Jetta, Scirocco 1985 and newer, AUDI - A2, A4, A6 Front and 4 wheel drive.
	Tool Number	Tool Name	Application	Status	Model
	3176	CENTERING MANDREL	Centers drive plate and installs pilot needle bearing.		AUDI - 80, 90
	Tool Number	Tool Name	Application	Status	Model
	3309	CLUTCH RELEASE TOOL	Use to release clutch when removing clutch master cylinder		VW - New Beetle from 1999, Golf, Jetta (VR6) 1992 and newer
	Tool Number	Tool Name	Application	Status	Model
	3318	CLUTCH RELEASE TOOL	Allows easy release of the connection between the clutch master cylinder and the clutch pedal. Transmissions 02A, 02K, 02C, 020, 02J		VW - Passat 1994 and newer.
	Tool Number	Tool Name	Application	Status	Model
	3190A	CENTERING MANDREL	Centers drive plate when assembling clutch.02Z, 02T, 02R, 02B, 02G, 02D.		Golf, Jetta, Passat, Corrado, T4 Eurovan 1991 and newer
	Tool Number	Tool Name	Application	Status	Model
	416B	TUBE - 26/37mm	Installs clutch bushing.		AUDI, VW - All

32-Torque Converter



Tool Number	Tool Name	Application	Status	Model
4452	PULLER	Removes torque converter bushing. Transmissions (087, 089, 089E).		AUDI, VW - All

34-Manual Transmission



Tool Number	Tool Name	Application	Status	Model
T40054	PULLER	Used for removing and installing selector shaft. 6-speed manual gearbox 0A3, 4-wheel drive	NEW	AUDI - A4, A6 2001 and newer



Tool Number	Tool Name	Application	Status	Model
T10027A	ADJUSTING PIN	Used for adjustment of the gearbox lever on 5 speed manual gearbox 02J, 0A4, 0AF, 0AG, 0AJ, 02S, 02P	NEW	AUDI - TT, VW -Golf 2005 and newer



Tool Number	Tool Name	Application	Status	Model
T10107A	SOCKET WITH LONG BIT 6mm	For removing and installing right-hand stub shaft. Special tool T10107A 6mm supersedes tool T10107 6-speed manual gearbox 0A5, 4-wheel drive, 6-speed manual gearbox 02N.	NEW	VW - Transporter 2004/ Sharan 1996 6-speed manual



Tool Number	Tool Name	Application	Status	Model
T40054/1-2	ASSEMBLY TOOL	Running gear front and 4-wheel drive.	NEW	6-speed manual gearboxes 0A2 and 0A3



Tool Number	Tool Name	Application	Status	Model
T40105	THRUST PIECE	Used for renewing propshaft flange oil seal on 6-speed manual gearbox 02X, 4-wheel drive.	NEW	02X 4WD





Tool Number	Tool Name	Application	Status	Model
T40106	THRUST PIECE	Used for renewing propshaft flange oil seal on 6-speed manual gearbox 02X, 4-wheel drive.	NEW	02X 4WD





Tool Number	Tool Name	Application	Status	Model
391	FLANGE PULLER	Remove and install universal drive flange on manual and automatic transmissions. See also 3109.		AUDI, VW - All


34-Manual Transmission


	Tool Number	Tool Name	Application	Status	Model
	409	PUNCH	Press punch for various transmission, engine and axle operations.		AUDI - All


	Tool Number	Tool Name	Application	Status	Model
	2062	SEAL DRIVER	Installs drive shaft flange oil seal and side cover seal.		AUDI - 4000, 4000 Quattro, 5000 1984 and earlier, VW - Quantum

	Tool Number	Tool Name	Application	Status	Model
	3042	PULLER - GEAR CARRIER HOUSING	Removes transmission case from gear carrier housing in 5 speed transmission (020).		Golf, Jetta, Rabbit, GTI & Scirocco.


	Tool Number	Tool Name	Application	Status	Model
	3104	SHIFT LINKAGE GAUGE- 020	Allows easy realignment of the gearshift column on cars with 5 speed transmissions 020, 02K		Golf, Jetta 1985 and newer

	Tool Number	Tool Name	Application	Status	Model
	3285	SHIFT LINKAGE GAUGE	Allows easy realignment of the gearshift column on cars with 5 speed transmissions. 020, 02K		VW - Golf, Jetta 1992 to 10/1999

	Tool Number	Tool Name	Application	Status	Model
	3192	SHIFT LINKAGE GAUGE	Use when adjusting shift and selector cables on trans. (02A).		Corrado, Passat

	Tool Number	Tool Name	Application	Status	Model
	3276	TRANSMISSION PRESS	Use to install split pin on 01E transmission.		AUDI - S4/S6

35-Manual Transmission - Gears, Shafts, Bearings

	Tool Number	Tool Name	Application	Status	Model
	2052	PINION HOLDING FIXTURE	Remove and install pinion nut and 1st gear needle bearing on trans. (091).		AUDI - 4000 Quattro, VW - Vanagon

35-Manual Transmission - Gears, Shafts, Bearings



Tool Number	Tool Name	Application	Status	Model
3059	SPECIAL FORK ADJUSTING WRENCH	Adjusts shift fork of 5th gear and unscrews tube out of fork. Transmission (020).		5 Speed Trans. 1979 to 1985



Tool Number	Tool Name	Application	Status	Model
KK70-2K	UNIVERSAL BEARING PULLER	Universal puller for 7, 8 and 9 ball bearings. Grips outer race for easy removal of housing bearings. Includes #KK70-722 arms.		AUDI, VW - All



Tool Number	Tool Name	Application	Status	Model
KK70-722	BALL BEARING PULLER ARMS	4 arms, 180mm, in length each, 1 spacer ring, good for bearing sizes: 6007, 6008, 6009, 6010, 6013. Use with extractor 70-2.		AUDI, VW - All



Tool Number	Tool Name	Application	Status	Model
3077	SPECIAL SOCKET - 19mm	Seal driver for installing shift shaft oil seal on 4 and 5 speed transmissions (091/1) and (094). Also see 18mm socket #3353.		Vanagon



Tool Number	Tool Name	Application	Status	Model
3235	PRESS DEVICE	Installs ball bearing for drive shaft on manual transmission (01A, 02A, 012). Replaced by #T10246		AUDI - 80, 90, S4, S6, V6, VW - Passat, Corrado



Tool Number	Tool Name	Application	Status	Model
3295	OIL SEAL INSTALLER	Use to install the oil seal in transmission (01F) gearbox.		VW - Eurovan 01F gearbox.



Tool Number	Tool Name	Application	Status	Model
3402	PRESSURE PIECE	Used for fitting sealing ring output flange/prop shaft. ex: rear C/V drive flange seal and flange on a 03 A4 Quattro 01V transmission.		01V



Tool Number	Tool Name	Application	Status	Model
4463	TDC PLUG SOCKET - 27mm	Special socket for Top Dead Center plug, gearshift bushing and selector shaft cover.		Rabbit, Jetta, GTI, Golf and Scirocco.



Tool Number	Tool Name	Application	Status	Model
244B	DRIFT SLEEVE	Installs seals, bearings and spacers.		VW, AUDI - All

35-Manual Transmission - Gears, Shafts, Bearings



Tool Number	Tool Name	Application	Status	Model
30-211A	BRACKET	R&R of main shaft bearing and assists in removal of rear axle bushings. REPLACES 30-211.		VW, AUDI - All



Tool Number	Tool Name	Application	Status	Model
30-506B	PRESS SUPPORT	Installs pinion needle bearing in gear carrier housing on 4 and 5 speed transmissions (091/1) and (094).		AUDI - Quattro, VW - Vanagon



Tool Number	Tool Name	Application	Status	Model
416B	TUBE - 26/37mm	Installs 1st gear needle bearing.		AUDI, VW - All

37-Automatic Transmission - Controls, Case



Tool Number	Tool Name	Application	Status	Model
T10099	BELL HOUSING SOCKET	Very short format XZN bits for removing/installing bolts from engine to gearbox. 09A/09B 5-speed automatic gearbox. Used for removing/installing connecting link. Used when removing and installing drive axle	NEW	09A/09B 5 speed auto transmissions



Tool Number	Tool Name	Application	Status	Model
VAS5162	ATF FILLER SYSTEM F/CVT GEARBOX	Used for changing atf and topping up after repair work.	NEW	AUDI - CVT transmissions (01J)



Tool Number	Tool Name	Application	Status	Model
01F-321-431A	OIL DIPSTICK	Auxilliary DIPSTICK for measuring oil level on -pre 1998	NEW	AUDI 100/A6 pre 1998



Tool Number	Tool Name	Application	Status	Model
B7200	SHIFT SHAFT BUSHING INSTALLER	Use to install nylon shift shaft bushing.		AUDI, VW - All



Tool Number	Tool Name	Application	Status	Model
309	HOLDING PLATE	To support transmission in conjunction with #351 and #353. Also see #540.		AUDI, VW - All

38-Automatic Transmission - Gears, Shafts, Bearings



Tool Number	Tool Name	Application	Status	Model
T10035	MULTIPOINT SOCKET	Removing and installing front bearing bracket, rear final drive. Very short format XZN bit with guard.	NEW	AUDI, VW - A3 Chassis



Tool Number	Tool Name	Application	Status	Model
T40050	PULLER	Used for removing and installing input shaft on multitronic gearboxes.	NEW	01J



Tool Number	Tool Name	Application	Status	Model
3306A	PRESSURE PIECE	Used when installing shaft seal on 01F and 018 auto. transmission with all wheel drive.		AUDI, VW - 01F and 018 auto. transmission with all wheel drive

39-Differential, Transaxle System



Tool Number	Tool Name	Application	Status	Model
388	MEASURING LEVER	Use with #521/4 and dial indicator #20 to adjust ring gear.		AUDI - All, VW - Fox, Dasher, Quantum



Tool Number	Tool Name	Application	Status	Model
3109	SPRING PLATE HOLDER	Use to hold spring loaded drive shaft flange plate in position in order to install retaining circlip. Includes 8mm and 10mm threaded shafts.		Golf, Jetta, Passat, GTI and Scirocco 1985 and earlier



Tool Number	Tool Name	Application	Status	Model
3207	PRESSURE SPINDLE	Use to disassemble outer joints of the front drive shaft.		90, 100 1988-91, 200





Tool Number	Tool Name	Application	Status	Model
3183A	CASTELLATED NUT SOCKET WRENCH	Use to remove retaining nut on bearing ring.		01M



Tool Number	Tool Name	Application	Status	Model
3319	DRIVE FLANGE SEAL DRIVER	DRIVE FLANGE SEAL DRIVER Use to push on drive flange oil seal on automatic transmission (096, 01N, 01F).		Automatic Transmission (096, 01N, 01F, 01M)


39-Differential, Transaxle System


	Tool Number	Tool Name	Application	Status	Model
	244B	DRIFT SLEEVE	DRIFT SLEEVE Installs seals, bearings and spacers.		VW, AUDI - All


	Tool Number	Tool Name	Application	Status	Model
	521/4	LOCKING SLEEVE	Measures differential backlash ring gear. Use with dial indicator #20 and measuring lever #388.		AUDI - 4000, 5000, VW -Fox, Dasher, Quantum


40-Front Wheel Suspension - Axles and Shafts


	Tool Number	Tool Name	Application	Status	Model
	B234MASTER	UNIVERSAL 4 & 5 BOLT HUB PULLER	Hydraulically driven axle hub puller accommodates 4 and 5 hole wheel hubs. Also includes slide hammer for vehicles with limited access.	NEW	AUDI, VW - All

	Tool Number	Tool Name	Application	Status	Model
	KK204-1	PITMAN ARM PULLER	Heavy duty puller with reinforcing cross member for removing pitman arms and drag link arms.		AUDI, VW - All

	Tool Number	Tool Name	Application	Status	Model
	KK128	TIE ROD BALL JOINT PULLERS	Puller for separating tie rod and steering knuckle ball joints without tearing ball joint boots. Sizes available 18x36mm, 23x45mm, 29x60mm, 40x60mm and 46x75mm. Please give ball joint diameter when ordering. Mfg. by Kukko of Germany.	NEW	VW, AUDI - All

	Tool Number	Tool Name	Application	Status	Model
	B90T	FRONT WHEEL BEARING PRESS KIT	On the Car press kit removes and installs front wheel bearings with wheel on car. Saves time and makes money. Use with #B90-3 or B2345M.		AUDI, VW - All

	Tool Number	Tool Name	Application	Status	Model
	B90-3	FRONT WHEEL HUB PULLER	On the Car press kit removes and installs hub		AUDI, VW - All

	Tool Number	Tool Name	Application	Status	Model
	T10205T	WHEEL BEARING KIT FOR TOUAREG	Used for removing and fitting wheel bearings on Touareg. The assembly tool is used in conjunction with extractor kit #B90T.	NEW	VW - TOUAREG 2003 and newer

40-Front Wheel Suspension - Axles and Shafts



Tool Number	Tool Name	Application	Status	Model
T40067	PLIERS	Used for pre-tensioning upper suspension link in wheel bearing housing.	NEW	AUDI-A6 2001 to 2005



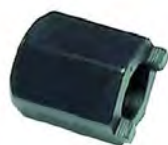
Tool Number	Tool Name	Application	Status	Model
T40084	ASSEMBLY TOOL	Used for removing and installing peened triple roller joint AR 2600i. The removal and assembly tool is used in conjunction with special tool VW771	NEW	Audi A4 2001 and newer



Tool Number	Tool Name	Application	Status	Model
T10099	BELL HOUSING SOCKET	Very short format XZN bits for removing/installing bolts from engine to gearbox. 09A/09B 5-speed automatic gearbox. Used for removing/installing connecting link. Used when removing and installing drive axle	NEW	09A/09B 5 speed auto transmissions



Tool Number	Tool Name	Application	Status	Model
409	PUNCH	Press punch for various transmission, engine and axle operations.		VW, AUDI - All



Tool Number	Tool Name	Application	Status	Model
524	SPANNER SOCKET	Two pin spanner socket for removing and installing coil spring on strut and adjusts steering gear. See also 5156/1.		AUDI, VW - All 1984 and newer



Tool Number	Tool Name	Application	Status	Model
5156/1	SPANNER SOCKET	Front shock absorber strut bearing retainer nut socket.		VW - Fox




Tool Number	Tool Name	Application	Status	Model
2069	DAMPER SOCKET	Use to remove and install threaded cap in front strut which holds shock absorber. See shock strut socket #524.		AUDI - 4000 Quattro, 5000.





Tool Number	Tool Name	Application	Status	Model
3109	SPRING PLATE HOLDER	Use to hold spring loaded drive shaft flange plate in position in order to install retaining circlip. Includes 8mm and 10mm threaded shafts.		Golf, Jetta, Passat, GTI and Scirocco 1985 and earlier


40-Front Wheel Suspension - Axles and Shafts


	Tool Number	Tool Name	Application	Status	Model
	3250	SUPPORT FRAME	Supports the front wishbone assembly when performing a variety of repair jobs.		VW - T4 Eurovan


	Tool Number	Tool Name	Application	Status	Model
	3283	HUB PULLER	Pulls hub from the axle shaft.		VW - Corrado VR6

	Tool Number	Tool Name	Application	Status	Model
	3353	SPECIAL SOCKET - 18mm	SHOCK NUT SOCKET - 18mm Socket with side cut out for torquing front shock absorber nut.		AUDI - A4


	Tool Number	Tool Name	Application	Status	Model
	3424	PRY SOCKET - 5mm	Allows quick and easy extraction of stubborn Strutunits from the clamp in the hub-casting. Also required for easy insertion of the replacement Strut into the hub. Eliminates risk of damage to the hub casting.		AUDI - TT

	Tool Number	Tool Name	Application	Status	Model
	415A	TUBE - 60mm	Timing gear, Various engine, transmission and suspension press operations.		VW, AUDI - All

	Tool Number	Tool Name	Application	Status	Model
	1117J	MACPHERSON STRUT SPRING COMPRESSOR	Compresses all types of Macpherson style coil springs front and rear. Includes three sets of jaws (2) for 110, 120 and 130mm springs found in most BMW's.		VW, AUDI - All

	Tool Number	Tool Name	Application	Status	Model
	1117V	MACPHERSON STRUT VICE ADAPTER	This vice adapter holds the Macpherson strut when off the vehicle.	All	VW, AUDI - All

42-Rear Wheel Suspension - Axles and Shafts

	Tool Number	Tool Name	Application	Status	Model
	B234MASTER	UNIVERSAL 4 & 5 BOLT HUB PULLER	Hydraulically driven axle hub puller accommodates 4 and 5 hole wheel hubs. Also includes slide hammer for vehicles with limited access.		AUDI, VW - All

42-Rear Wheel Suspension - Axles and Shafts



Tool Number	Tool Name	Application	Status	Model
B90T	FRONT WHEEL BEARING PRESS KIT	On the Car press kit removes and installs front wheel bearings with wheel on car. Saves time and makes money. Use with #B90-3 or B2345M.		AUDI, VW - All



Tool Number	Tool Name	Application	Status	Model
B90-3	FRONT WHEEL HUB PULLER	On the Car press kit removes and installs hub		AUDI, VW - All



Tool Number	Tool Name	Application	Status	Model
T10205T	WHEEL BEARING KIT FOR TOUAREG	Used for removing and fitting wheel bearings on Touareg. The assembly tool is used in conjunction with extractor kit #B90T for tourareg.	NEW	VW - TOUAREG 2003 and earlier,



Tool Number	Tool Name	Application	Status	Model
T10162	XZN SOCKET 18mm	Used for removing and installing the wheel bearing/wheel hub unit, rear axle.	NEW	VW - Touran 2004 and earlier, AUDI - A3 2004 and earlier,



Tool Number	Tool Name	Application	Status	Model
T40140	BALL JOINT PULLER	Used for removal of upper suspension link on Audi R8 2007 and newer.	NEW	AUDI-R8 2007 and earlier



Tool Number	Tool Name	Application	Status	Model
3420	INSTALLATION SLEEVE, WHEEL BRG.	Used to install wheel bearing, rear axle.		BEETLE



Tool Number	Tool Name	Application	Status	Model
KK70-2K	UNIVERSAL BEARING PULLER	Universal puller for 7, 8 and 9 ball bearings. Grips outer race for easy removal of housing bearings. Includes #KK70-722 arms.		AUDI, VW - All



Tool Number	Tool Name	Application	Status	Model
KK70-722	BALL BEARING PULLER ARMS	4 arms, 180mm, in length each, 1 spacer ring, good for bearing sizes: 6007, 6008, 6009, 6010, 6013. Use with extractor 70-2.		AUDI, VW - All



Tool Number	Tool Name	Application	Status	Model
2010	SLEEVE	Installs rubber bushing into rear trailing arm.		AUDI - 4000, 5000 1984 and newer, VW - Dasher

42-Rear Wheel Suspension - Axles and Shafts



Tool Number	Tool Name	Application	Status	Model
T10205	WHEEL BEARING ASSEMBLY KIT	Used for removing and fitting wheel bearings on 17" and 18" running gear, and wheel hubs with wheel bearings on 16" running gear. The assembly tool is used in conjunction with hydraulic cylinder VAS6178.	NEW	VW - TOUAREG 2003 and newer

44-Wheels, Tires and Alignment



Tool Number	Tool Name	Application	Status	Model
T40073	ADAPTER SET FOR WHEEL BOLTS	Used for loosening and tightening anti-theft wheel bolts (Part No.4F0 698 137A) Contans 20 key configurations.	NEW	AUDI-A6 (C6), TT



Tool Number	Tool Name	Application	Status	Model
T40004	WHEEL LOCK KEY SET	Used to remove 10 different versions of wheel lock bolts.	NEW	ABC (Altenloh, Brink & Co.)



Tool Number	Tool Name	Application	Status	Model
T10179	INSERT TOOL 18 mm	Used for adjustment of rear axle camber.	NEW	VW - Touran, AUDI - A3 2004 and earlier



Tool Number	Tool Name	Application	Status	Model
VAG1941	FRONT AXLE CAMBER ADJUSTER	Use to move the subframe to adjust camber.	NEW	AUDI B5 Platform, 1996 - 2002



Tool Number	Tool Name	Application	Status	Model
3098	CAMBER LEVER	Adjusts camber front and rear.		AUDI - 4000, 80, 90, Quattro



Tool Number	Tool Name	Application	Status	Model
3270	CAMBER ADJUSTER	Adjusts front wheel camber. VW Corrado, Passat Golf, Jetta III with VR6 engine.		VW - VR6 engine

46-Brakes - Mechanical



Tool Number	Tool Name	Application	Status	Model
T10006A	BRAKE SERVO RELEASE TOOL	Used for separating brake servo push rod from brake pedal.	NEW	AUDI, VW - All

46-Brakes - Mechanical



Tool Number	Tool Name	Application	Status	Model
T40065	INTERCHANGEABLE HEAD 18 mm	Used for removing and installing lower union on brake backplate, left side. Used in conjunction with #VAG1332.	NEW	AUDI-A6 (C6) 2005 and newer



Tool Number	Tool Name	Application	Status	Model
T40066	INTERCHANGEABLE HEAD 18 mm	Used for removing and installing lower union on brake backplate, right side. Used in conjunction with #VAG1332.	NEW	AUDI-A6 (C6) 2005 and newer



Tool Number	Tool Name	Application	Status	Model
ST730/20	TORQUE WRENCH - 40-200Nm 14X18mm	Torque wrench with quick adjustment, cut-out, dual signal, dual scale and long term accuracy. Accommodates 14mm X 18mm torque wrench inserts. Use with #VAG1332/1, #T40065 and #T40066.		AUDI, VW - All



Tool Number	Tool Name	Application	Status	Model
3289	BRAKE PEDAL RELEASE TOOL	Disconnects the brake pedal from the brake booster.		VW - Jetta (VR6)

47-Brakes - Hydraulic



Tool Number	Tool Name	Application	Status	Model
T10165	RESETTING & EXTRACTING TOOL	Used for repairing rear brake caliper. Replaces #3131 and #3272.	NEW	VW - All 1985 and newer, VW - All 1992 and newer

48-Steering



Tool Number	Tool Name	Application	Status	Model
KK128	TIE ROD BALL JOINT PULLERS	Puller for separating tie rod and steering knuckle ball joints without tearing ball joint boots. Sizes available 18x36mm, 23x45mm, 29x60mm, 40x60mm and 46x75mm. Please give ball joint diameter when ordering. Mfg. by Kukko of Germany.	NEW	VW, AUDI - All

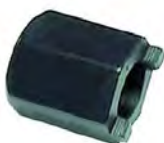


Tool Number	Tool Name	Application	Status	Model
T10304	SPLINE SOCKET	Used for turning steering during repairs to electro-mechanical steering box.	NEW	VW - Golf 2004 and earlier, Touran 2004 and earlier, Caddy 2005 and earlier, Passat 2006 and earlier, AUDI A3 2004 and earlier

48-Steering



Tool Number	Tool Name	Application	Status	Model
T40056A	SCREWDRIVER TORX-T8	General body repairs, interior For removing and installing steering column trim.	NEW	AUDI-A4 2001 and earlier, A8 2003 and earlier



Tool Number	Tool Name	Application	Status	Model
524	STEERING GEAR SPANNER SOCKET	Two pin spanner socket adjusts steering gear, shock tower and remove TDC plug .		AUDI, VW - All 1984 and earlier



Tool Number	Tool Name	Application	Status	Model
3369	SUPPORT SLEEVES	Use to support front end when removing or installing the lock carrier on the hood. Also found in kit #AS4741 in section 13-Engine Crankshaft, Pistons.		AUDI - A4, VW - Passat



Tool Number	Tool Name	Application	Status	Model
416B	TUBE - 26/37mm	For installing Steering rack housing oil seal.		AUDI, VW - All



Tool Number	Tool Name	Application	Status	Model
KK204-2	STEERING LOCK SPLINE PULLER	Use to remove the steering wheel lock splined retainer.		VW, AUDI - All from 1996



Tool Number	Tool Name	Application	Status	Model
VAG1907	BOLT F/ STEERING CENTERING	Used to center steering rack when installing.		AUDI, VW - All

55-Hood, Lids



Tool Number	Tool Name	Application	Status	Model
T10011	TRUNK LOCK SOCKET INSERT	Used when removing trunk lock cylinder. housing.	NEW	BEETLE



Tool Number	Tool Name	Application	Status	Model
3371	BUMPER ADJUSTMENT GAUGE	Use to adjust and check distance to bumper from hood lid and door seals.		AUDI - A4

66-Body Accessories - Exterior



Tool Number	Tool Name	Application	Status	Model
3107	PRY HOOK	Removes roof molding rain channels. Use with #B277-477		Golf, Jetta 1985 and earlier

70-Trim - Interior, Exterior



Tool Number	Tool Name	Application	Status	Model
B2014	PANEL POPPER KIT	Set of 4 panel poppers for removing panels and trim on all types of vehicles.	NEW	AUDI, VW - All



Tool Number	Tool Name	Application	Status	Model
B2015	PANEL AND TRIM KIT	Use this 6 piece set of tools to remove panels and trim without damage.	NEW	AUDI, VW - All



Tool Number	Tool Name	Application	Status	Model
B277-477	PLASTIC WEDGE SET	Use to remove wood and plastic trim pieces, door panels, roof molding rain channels and dashboard without damage.	NEW	AUDI, VW - All



Tool Number	Tool Name	Application	Status	Model
T40077	GUIDE SLEEVE	Used when removing and installing drive for electric sunblind.	NEW	AUDI-A8 2003 and newer



Tool Number	Tool Name	Application	Status	Model
AS4750	5-POINT TAMPER PROOF (TBI) BIT SET	Use on air mass meter elements, transmissions, Ignition locks,	NEW	AUDI, VW - All

87-Air Conditioning



Tool Number	Tool Name	Application	Status	Model
T40051	THRUST PIECE	Used for installing A/C compressor drive sealing ring	NEW	8-cyl. engine, mechanics, Engine BAS, BBK



Tool Number	Tool Name	Application	Status	Model
T40072	AC RELEASE TOOL	Used for removing kinematic elements.	NEW	AUDI-A6 2005 and newer

91-Radio



Tool Number	Tool Name	Application	Status	Model
B9059M	MASTER RADIO REMOVAL KIT.	Contains all tools needed to remove models from 1990 to the present.	NEW	All- VW and AUDI



Tool Number	Tool Name	Application	Status	Model
T10057	RADIO REMOVAL TOOL	Use to release secure radios from the dash.	NEW	AUDI - A4, VW - All



Tool Number	Tool Name	Application	Status	Model
160	RADIO REMOVAL TOOLS	Use to remove and install radios.		AUDI, VW - All to 1992



Tool Number	Tool Name	Application	Status	Model
3316	RADIO REMOVAL TOOLS	Use to remove and install security type radios.	NEW	VW - All 1991 and newer

97-Electrical Wiring



Tool Number	Tool Name	Application	Status	Model
B57BG-E	WIRE TERMINAL AND CONNECTOR CRIMPING KIT- ECONOMY	This kit includes the basic crimper and 3 interchangeable crimping heads.	NEW	AUDI, VW - All



Tool Number	Tool Name	Application	Status	Model
B57BG-M	WIRE TERMINAL AND CONNECTOR CRIMPING - MASTER KIT	This kit includes the basic crimper and 5 interchangeable MAGNETIC crimping heads. Also has a handy one handed wire stripper. Crimps barrel, butt, hex, coaxial, insulated, non-insulate, closed, flag, & cord end terminals of multiple sizes.	NEW	AUDI, VW - All



Tool Number	Tool Name	Application	Status	Model
B1594	CONNECTOR TEST KIT	Over 100 connectors to Safely probe out different plugs Components and control units	NEW	AUDI, VW - All

D-Diagnostics



Tool Number	Tool Name	Application	Status	Model
PCPT	PC PASS THRU	Use to diagnose computer control systems. PC Computer based software. OEM VW/AUDI Scan Tool, is a multi range control unit scanner covering ECM, PCM, ABS, SRS, HVAC, Immobilizer, Instrument cluster and more	NEW	AUDI, VW - All 1989 and newer

D-Diagnostics



Tool Number	Tool Name	Application	Status	Model
DS2020	DS2020	Complete OEM VW/AUDI Scan Tool, is a multi range control unit scanner covering ECM, PCM, ABS, SRS, HVAC, Immobilizer, Instrument cluster and more for a variety of vehicle makes. Supports activation, basic setting reset, adaptation, Fault codes, and repair information includes multimeter and 4 channel lab scope.	NEW	AUDI, VW - All 1989 and newer



Tool Number	Tool Name	Application	Status	Model
DS2021	DS2021	The DS2021 is a multi range control unit scanner covering ECM, PCM, ABS, SRS, HVAC, Immobilizer, Instrument cluster and more for a variety of vehicle makes. Supports activation, basic setting reset, adaptation, Fault codes, and repair information.	NEW	AUDI, VW - All from 1989 and newer.



Tool Number	Tool Name	Application	Status	Model
DBL800	DEUTRONIC POWER SUPPLY/BATTERY CHARGER	Microprocessor controlled charger/power supply to maintain power levels during programming and diagnostics. Microprocessor controlled charging, measuring and monitoring. Built-in interface for computer, programming unit, printer and large display. Mandatory for programming controllers.	NEW	AUDI, VW - All 1999 and newer



Tool Number	Tool Name	Application	Status	Model
VAG405	MASTERSCAN	The MaxiScan code scanner is an OEM level diagnostic scan tool for most VW/Audis sold worldwide since 1990. Accurate, reliable and easy to use, the Scanner VAG405 is a time saver and a money maker.	NEW	AUDI, VW - All fom 1998



Tool Number	Tool Name	Application	Status	Model
OB2-B0B	OB2-II BREAK OUT BOX	This J1962 break out box allows access to all wires in the OB2-II / EOBD III Diagnostic Interface This makes it easy to trace CAN Bus faults, Power supply problems and track failed diagnostic controllers.	NEW	All Models from 1996 to the present.



Tool Number	Tool Name	Application	Status	Model
M500	GLOW PLUG ANALYZER	Use to test 12 volt glow plug systems in late model diesel engines	NEW	AUDI, VW - All DIESEL

D-Diagnostics



Tool Number	Tool Name	Application	Status	Model
M501	THROTTLE POTENTIOMETER TESTER	Test the throttle potentiometer used in all late model engines.	NEW	All drive by wire models



Tool Number	Tool Name	Application	Status	Model
B7205J	TERMINATOR	The Terminator is a superior Logic probe combining the features of a DMM and oscilloscope but simplifying the display for technicians that want to find the pulse but don't need to see the trace. Particularly useful for tracing CAN signals.	NEW	AUDI, VW - All



Tool Number	Tool Name	Application	Status	Model
B1594	CONNECTOR TEST KIT	Over 100 connectors to Safely probe out different plugs Components and control units	NEW	AUDI, VW - All



Tool Number	Tool Name	Application	Status	Model
B1630	RESISTANCE SUBSTITUTION BOX	Resistance substitution box allows testing and calibration of dash gauges, injection system sensors, cruise control, and anti theft systems.		AUDI, VW - All



Tool Number	Tool Name	Application	Status	Model
M99	LAMBDA CONTROL TESTER	Open/closed loop tester allows analysis of O2 Lambda feedback loop. Use to set CO level, check oxygen sensor and ECU for proper rich/lean response. Auto senses Titania or Zirconia O2 sensors.		All O2 Sensor Equipped



Tool Number	Tool Name	Application	Status	Model
M502	DIESEL FUEL PRESSURE METER	Measures the diesel fuel pressure in high pressure CDI type engines. Measures from the cars fuel pressure sensor.	NEW	AUDI, VW - All PUMPE DIESEL



Tool Number	Tool Name	Application	Status	Model
B611-0421	COMMON RAIL INJECTOR BACKFLOW TESTER	Use to measure fuel return rate from injectors in common rail diesels. Includes adapters and 6 graduate cylinders and 6 graduated bottles.	NEW	AUDI, VW - All PUMPE DIESEL

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Porsche Timing Tool Kit

Models 996, 986, 987, 997

M86, M87 Engines 3.4L, 3.6L, 3.8L

Baum Tools Unlimited Inc. introduces an essential kit for aligning and installing camshaft and pistons on late model Porsche models. Also available for earlier model engines such as in 993.

ESSENTIAL TOOLS



#B9612K-Plus

#B9612K - Basic

PORSCHE TIMING KIT

M86, M87 Engines 3.4L, 3.6L, 3.8L

Basic Kit includes:

- | | |
|-------|-------------------------------|
| #9595 | 1 - TDC Alignment Pin |
| #9612 | 1 - Camshaft Lock |
| #9611 | 2 - Camshaft Supports |
| #9634 | 2 - Camshaft Hold Down Device |

Plus kit includes

Piston pin tools

#9608 Alignment tool

#9602 Pin Driver and Extensions



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Heavy Duty Hydraulic Hub Remover



#B234MASTER

Hydraulically driven hub puller with adapters for 4 / 5 hole type wheel hubs. Fits most makes and models. On the Car press kit removes and installs regular and ABS type hubs. Includes: Hydraulic and slide hammer drives plus adapters for 4 and 5 lug hubs. Hydraulic press pump available separately.

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- ***Mercedes***
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- ***VW/ Audi***
- ***Porsche***
- ***Volvo***
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