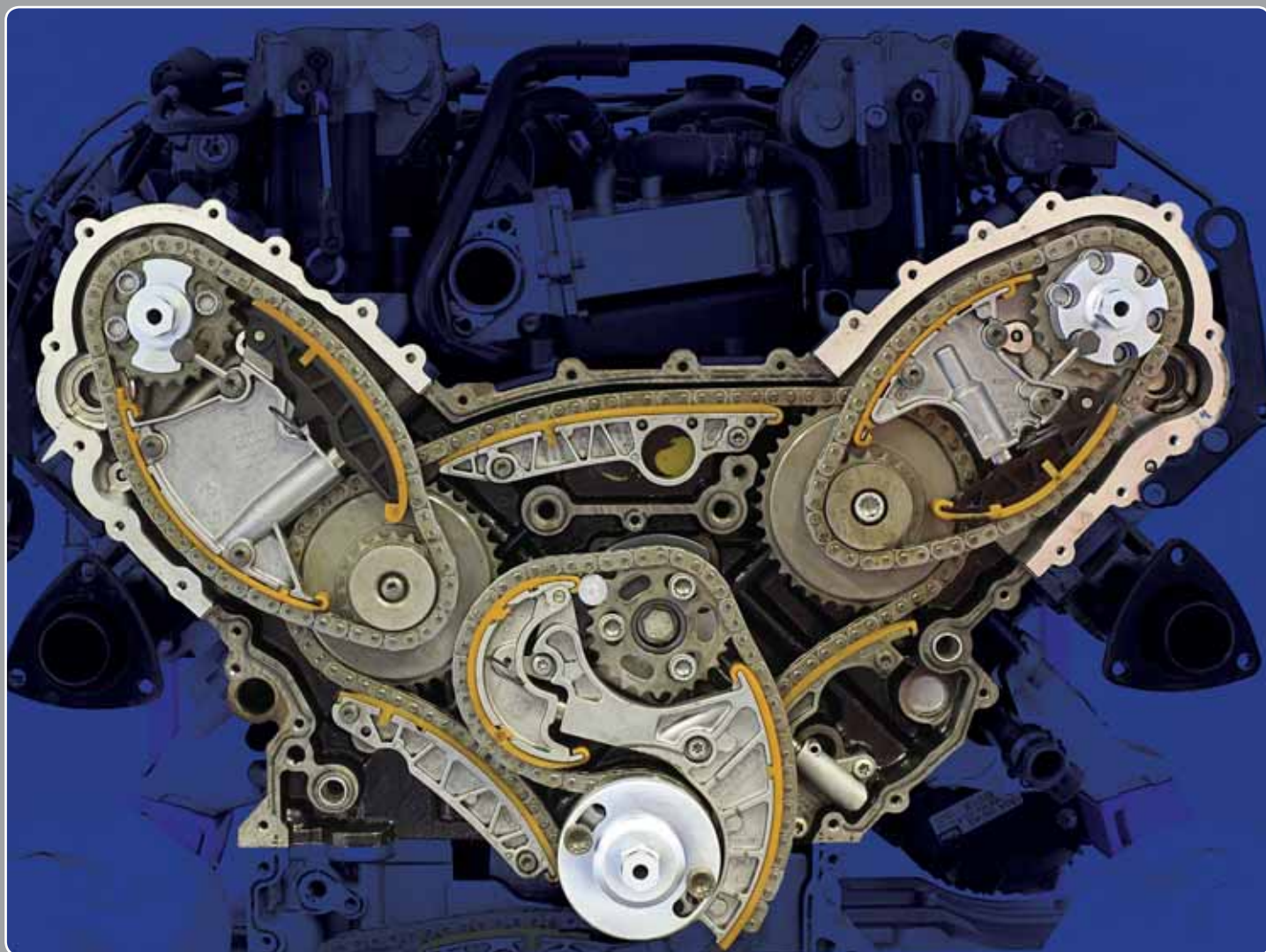


UPDATE



PRODUCT FINDER



Engine Timing Tools



Specialist Sockets
& Wrenches



Undercar



Workshop Tools

Automotive Specialised Service Tools

PF5
UPDATE 01

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Technical Helpline



AST Technical and Product Support Staff have many years of practical experience within the Automotive Industry and are directly involved in the development and testing of the products.

If you need any help in identifying the AST product you need or advice on a particular application relating to our tools . . .

Please contact us on the HELPLINE or by fax or email.

HELPLINE: +44(0)1527 528848

Fax: +44(0) 1527 517174 email: sales@asttools.co.uk

**We are here
to help you**

Every effort has been made to ensure that the application data given is correct and accurate and is provided in good faith E&OE.
AST has a policy of continuous development and reserve the right to change product specification or appearance without prior notice.



Petrol 3.6 / 4.0 / 4.4 / 4.8 V8 N62 / N62TU (Chain)

AST5055

Models:

540i. E60/E61 (05-10)
545i. E60/E61 (03-06)
550i. E60/E61 (05-10)
645i. E63/E64 (03-06)
650i. E63/E64 (05-10)
735i. E65/E66 (02-05)
740i. E65/E66 (05-08)
745i. E65/E66 (02-05)
750i. E65/E66 (05-08)
X5. 4.4 E53/E70 (03-07)
X5. 4.8 E53/E70 (04-10)

Engines:

N62/N62TU



**AST5055
kit also covers
BMW 6.0 V12 (N73)
in 760i models (02-08)**





Petrol 1.4 TFSi + 1.4 / 1.6FSi (Chain)

AST4845A

Models:

Audi

A3 (03-10)

Seat

Ibiza (08-10)

Leon (07-10)

Altea/XL (08-10)

Skoda

Fabia II (07-10)

Roomster (06-10)

Octavia II (04-10)

Superb II (08-10)

VW

Polo (02-09)

Golf (03-10)

Golf Plus (05-10)

Jetta (05-10)

Eos (06-10)

Scirocco (08-10)

Tiguan (07-10)

Touran (03-10)

Passat (05-10)

Engines:

1.4FSi

AXU

BKG

BLN

1.4TFSi

BLG

BMV

BWK

CAVA

CAVB

CAVC

CAVD

CAVF

CAXA

CAXC

CDGA

1.6FSi

BAG

BLF

BLP

BTS



With this kit you will also need . . .

AST3054-10

DTI (Dial Gauge)

for TDC Position Tool



AST3054-10

AST4844

Camshaft Sprocket

Holding Tool

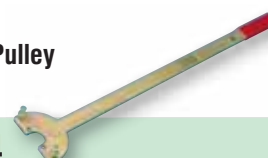


AST4844

AST4634

Crankshaft Pulley

Holding Tool



AST4634

Petrol 2.0 FSi / TFSi Chain in Head Service

AST5060

Models:

Audi

A3 (03-10)

A4 (02-10)

A6 (05-10)

TT (06-10)

Seat

Leon (05-10)

Toledo (04-09)

Altea/XL (05-09)

Exeo (09-10)

Skoda

Octavia II (04-09)

VW

Golf (04-10)

Golf Plus (05-09)

Jetta (05-09)

Eos (06-10)

Touran (03-09)

Passat (05-10)

Engines:

FSi

AWA

AXW

BHD

BLR

BLX

BLY

BMB

BVX

BVY

BVZ

TFSi

AXX CDLA

BGB CDLB

BHZ CDLC

BPG CDLD

BPJ CDMA

BPY

BUL

BWA

BWE

BWJ

BWT

BYD

BYK

BZC



With this kit you will also need . . .

AST4844

Camshaft Sprocket

Holding Tool



AST4844

AST4848

Camshaft Sprocket

Remover



AST4848



Diesel 2.7 / 3.0TDi V6 + 4.0 / 4.2TDi V8 (Chain)

AST5070

Models:

Audi

A4 (05-10)
A5 (07-10)
A6 (04-10)
A6 Allroad (06-10)
A8 (03-10)
Q5 (08-10)
Q7 (06-10)

VW

Touareg (05-10)
Phaeton (08-10)

Engines:

2.7TDi V6

BPP, BSG, CAMA, CAMB,
CANA, CANB, CANC, CAND,
CGKA, CGKB

3.0TDi V6

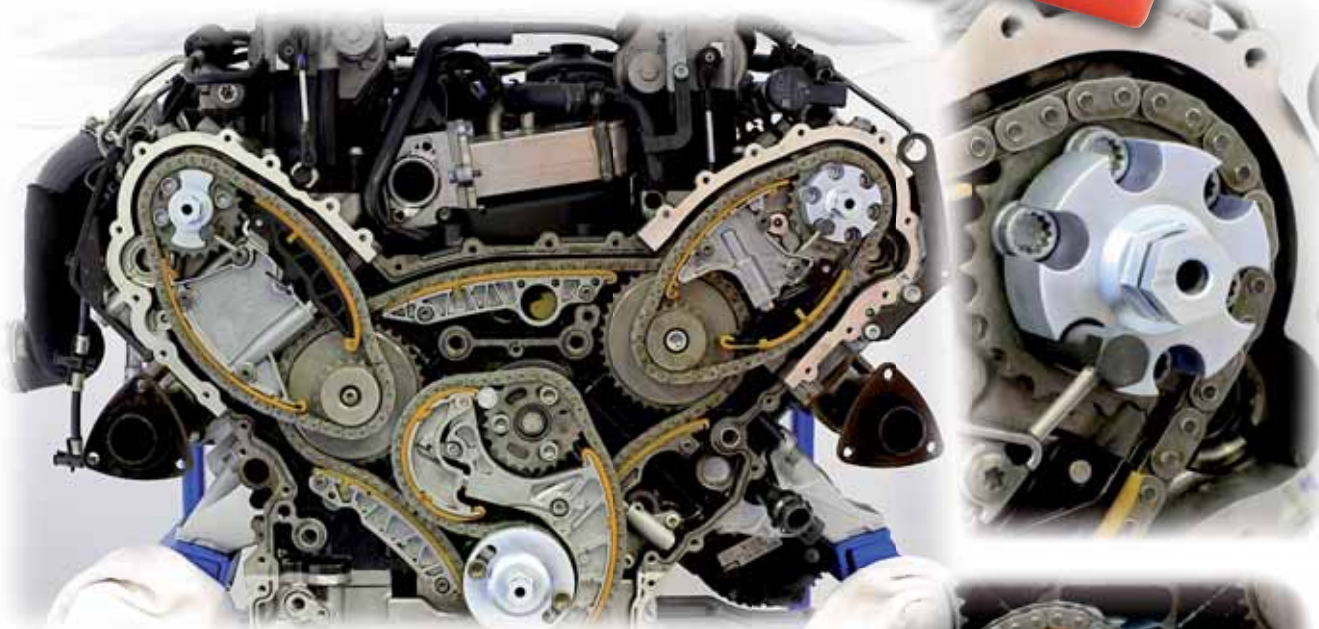
ASB, BKN, BKS, BMK, BMZ,
BNG, BUG, BUN, CAPA,
CARA, CARB, CASA, CASB,
CASC, CATA, CCMA, CCWA,
CCWB, CDYA, CDYB, CDYC,
CEXA

4.0TDi V8

ASE

4.2TDi V8

BTR, BVN, CCFA



AST5070 kit also covers
H P Pump
Removal & Installation



With this Kit you will also need . . .

AST4844
Camshaft Sprocket
Holding Tool

AST4844



AST4989
Camshaft Sprocket
Remover

AST4989



Cylinder Head Bolt Socket Set (8pc)

AST6005

A Specialised Set of **LONG REACH** sockets covering a wide range of **CYLINDER HEAD BOLT** forms

- M14 XZN Spline x 100mm. (AST3276)
- M12 XZN Spline x 140mm. (AST4429)
- M12 Ribe x 100mm. (AST4340)
- M10 XZN Spline x 140mm. (AST4428)
- M10 VW Ribe Form x 140mm. (AST4426)
- M10 Hexagon x 140mm. (AST4431)
- TX60 x 140mm. (AST4432)
- E12 x 140mm. (AST4433)

All sockets - 1/2" sq. drive



AUDI, BMW, FIAT, FORD, JEEP, LANCIA, MERCEDES, MAZDA, NISSAN, RENAULT, ROVER, SEAT, SKODA, TOYOTA, VAUXHALL/OPEL, VW & VOLVO

Ribe Socket Set - Long & Short Reach (12pc)

AST6007

A Specialised Set of 12 sockets covering a wide range of **RIBE** fastener applications including -
Cylinder Head, Camshaft & Timing Covers, Alternator & Sprocket Bolts

- | | |
|--------------------------|------------------------|
| ● M14 x 100mm. (AST4338) | ● M8 x 90mm. (AST4342) |
| ● M13 x 100mm. (AST4339) | ● M8 x 45mm. (AST4474) |
| ● M12 x 100mm. (AST4340) | ● M7 x 90mm. (AST4343) |
| ● M10 x 100mm. (AST4336) | ● M7 x 45mm. (AST4478) |
| ● M10 x 60mm. (AST4471) | ● M6 x 90mm. (AST4347) |
| ● M9 x 60mm. (AST4472) | ● M6 x 45mm. (AST4477) |

1/2" sq. drive

3/8" sq. drive



ALFA ROMEO, FIAT, LANCIA, VAUXHALL/OPEL & SAAB

TX-E Socket Set - Extra Long Reach (5pc)

AST6004

For Male Torx Bolts - For difficult to access automotive applications such as -
Cylinder Head Bolts
Crankshaft Pulleys
Engine Mounting Brackets

- E10 x 140mm. (AST6025)
- E12 x 140mm. (AST6026)
- E14 x 140mm. (AST6027)
- E16 x 140mm. (AST6028)
- E18 x 140mm. (AST6029)

All sockets - 1/2" sq. drive



BMW, CITREON, LANCIA, LAND ROVER, MERCEDES, NISSAN, PEUGEOT, RENAULT, ROVER, VAUXHALL/OPEL, VOLVO and many more



Hose Clip Pliers Set - Fuel Lines / Small Hoses

AST6065

An essential set covering the variation of hose clips found on fuel lines and small hoses in the engine compartment of modern cars and vans.

- **Volkswagen Group** -
"Low Profile" and "Small clips"
- **Small "Flat Band"**
(Constant Pressure) clips
- **"Clic Clic"**
Reusable clips

**Set includes
VAG "Low Profile
Clip" Pliers**



All pliers are available individually

AST6065 set comprises

AST6066 VAG "Low Profile" Clip Pliers



AST6067 Small "Flat Band" Pliers



AST6068 "Clic Clic" Pliers ANGLED for access





Hose Clip Pliers Set - Coolant Hoses

AST6060

Particularly useful when dealing with **COOLANT HOSE CLAMPS** - constant pressure clamps (sometimes referred to as "Flat Band Clips")

Widely fitted on coolant and heater hoses in the engine compartment, these hose clips are often in areas difficult to access, which is why **BOTH "REMOTE ACCESS" & "SPECIAL ANGLED PLIERS"** are included in the set together with the required Hose Release Hook

**Set includes
Remote Access &
ANGLED 'Flat Band'
Pliers**



All pliers are available individually

AST6060 set comprises

AST6061
Remote Action,
Flexible Hose Clip
Tool 600mm Reach

AST6062
Large 'Flat Band'
Pliers ANGLED for
access

AST6063
Hose Release Hook





Spark Plug - Internal Thread Restorer Set

AST6040

Special LONG REACH (260mm) Thread Restorer Set for 16v and V6 engines deep seated spark plug threads.

You know the situation...cross threading **STARTS AT THE TOP OF THE THREAD**.

These **AST INTERNAL** Thread Restorers use the **GOOD THREADS** at the bottom for alignment **AND WORK UPWARDS**.

AST INTERNAL Thread Restorers pass down through the spark plug hole and then **EXPAND** into the **GOOD THREADS** at the bottom of the hole. By working the Restorer back up the threads it aligns and **RESTORES MINOR CROSS THREADING** damage as well as **CLEANING** the threads.

AST6040 Restorer Set comprises
1 each - AST6041 for 12mm. threads
- AST6042 for 14mm. threads



Auto Transmission Oil Cooler Line Disconnect Pliers - BMW

AST6058

A pair of specialised **COUPLER DISCONNECT PLIERS** designed to "depress" the hose couplers, allowing disconnection of the hoses carrying transmission oil to the oil cooler. It is extremely difficult to release the couplers without the aid of these specialised pliers when carrying out repair work relating to the transmission or the heat exchanger (cooler). These couplers are found on a wide range of **BMW and BMW MINI** models with automatic transmissions.

BMW Models

- 1 Series** - E81/E82/E87
- 3 Series** - E46/E90/E91/E92/E93
- 5 Series** - E60/E61
- 6 Series** - E63/E64
- 7 Series** - E65/E66
- X3** - E83
- X5** - E53/E70
- Z4** - E85/E86
- BMW MINI** - R50/R52/R53



LED Magnetic Pick Up Tool with Washer Jet Adjuster

AST6031

Ideal pick up tool for retrieving small parts, screws, washers etc. from hard to reach places.

Telescopic with adjustable 130 - 630mm. reach and incorporates **MAGNET** and **LIGHT**. Magnet capacity - 3kgs.

Handy for auto mechanics, compact design with pocket clip

AST6031
also incorporates
WASHER JET ADJUSTER



VAG Front Control Arm - Rear Bush

AST5046

Models:

Seat: Ibiza (02-09)
Cordoba (03-09)

Skoda: Fabia I/II (00-08)
Roomster (06-08)

VW: Polo (02-10)
Fox (04-10)



For the **REAR** Bush on the **FRONT** Control Arm.

This New Bush Remover & Installer Kit is designed for **ON CAR** application and therefore minimises the dismantling of components. It utilises the same Force Screw/Force Nut combination as some of our other Bush Tools.

The **FORCE NUT IS "BEARING ASSISTED"** to ease withdrawal and installation of the bush, making the operation easier and smoother.



AST CROSS REFERENCE TO VEHICLE MANUFACTURERS' SPECIALISED SERVICE TOOL NUMBERS

Vehicle Manufacturer + VM Tool Reference to AST Tool Number

This cross reference provides the Vehicle Manufacturers' Specialised Service Tool reference and the AST tool number covering the relevant service application

VM/Tool Ref	AST Tool Number	In Kit / Section	Page Number
BMW			
11.9.190	AST4801	AST5055	1
11.9.460	AST5056	AST5055	1
11.9.461	AST5056-1	AST5055	1
11.9.462	AST5056-2	AST5055	1
11.9.463	AST5056-3	AST5055	1
17.0.030	AST6058	Workshop Tools	7
VOLKSWAGEN GROUP Audi, Seat, Skoda, Volkswagen			
T10115	AST4640T7	AST5060	2
T10170	AST4519	AST4845A	2
T10171	AST4846	AST4845A	2
T10252	AST5062	AST5060	2
T10340	AST4851	AST4845A	2
T20079	AST5063	AST5060	2
T40011	AST4593-1E	AST4845A	2
T40049	AST5076	AST5070	3
T40058	AST5071	AST5070	3
T40060	AST5072	AST5070	3
T40061	AST5074	AST5070	3
T40062	AST5075	AST5070	3
T40064	AST5078	AST5070	3
T40080	AST5063	AST5060	2
T40135	AST5079	AST5070	3
VAG3242	AST4401	AST5070	3
VAG3359	AST4440V2	AST5070	3

NUMERICAL LIST OF PRODUCTS INCLUDED IN PF5 UPDATE

and relevant page number

Product Part No.	Page Number(s)
AST3054-10	2
AST4634	2
AST4844	2, 3
AST4845A	2
AST4848	2
AST4989	3
AST5046	8
AST5055	1
AST5060	2
AST5070	3
AST6004	4
AST6005	4
AST6007	4
AST6031	7
AST6040	7
AST6058	7
AST6060	6
AST6061	6
AST6062	6
AST6063	6
AST6065	5
AST6066	5
AST6067	5
AST6068	5



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