# BMW 3055 (5) Piece Essential VANOS Cam Master Kit:

All the Essential tools are within this master kit in order to secure and correctly adjust VANOS Cams. Assembled with the professional BMW technician in mind.

#### EACH PIECE OF THIS MASTER KIT IS AVAILABLE SEPARATELY:



#### BMW3043

Cam Shaft Alignment Jig.

Applicable: BMW engines - M52TU, M54, M56.



#### BMW3042

Cam Sprocket Assembly Jig.

Applicable: BMW engines - M52TU, M54, M56.



# BMW3046

Rigid Chain Tensioner.

Applicable: BMW engines - M52, M52TU, M54, M56.



# BMW3041

Air Compressor Adapter needed for pressurizing the single ordual VANOS. **Applicable:** BMW engines - M50, M52, M52TU, M54, M56, M62.



#### BMW3047

Chain Tensioner Lock Pin.

Applicable: BMW engines - M50, M52.

# BMW 3044 Turning Spanner:



Essential tool needed to adjust the position of single VANOS during R&R. **Applicable:** BMW engines - M50, M52, S50US, S52US.

# SIR TOOLS

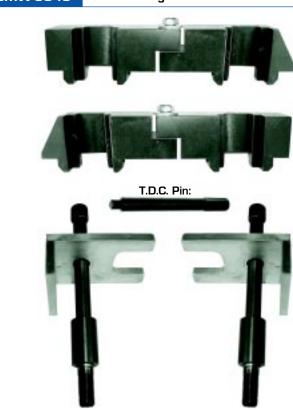






### AWARD WINNING SPECIAL TOOLS MANUFACTURER SINCE 1974!

# BMW 3040 Cam Securing Master Kit-BMW V8:



Exclusively designed to properly Secure & Align the cam and crank shaft during R&R of cylinder head assemblies of BMW V8 engines.

This **S.T.** Special Service Tool even comes equipped with the crucial T.D.C. Pin needed for setting the crank shaft.

Cam Master Kit Applicable: BMW engines - M60, M62, M62TU.

T.D.C. Pin Applicable: BMW engines - M42, M44, M50, M52, M52TU, M60, M62, M62TU.

# BMW 3048 S

## Special T60 Flywheel Bolt Socket:





This T60 Torx Socket is Essential in order to R&R dual mass flywheel bolts of ZMS engines. The bolts are situated off-center to their respective access points [see illustration]. The "Slimmed Down" shaft allows for the socket to line up straight with the bolt.

**Applicable:** BMW 4.0L and 4.4L, V-8 engines equipped with a standard transmission; E34 or E39 chassis.