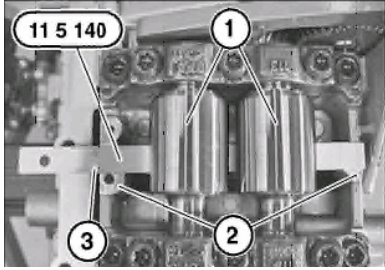


BMW115-140 Locking Fixture

For securing balancing shafts on BMW N45, N46, N46T



BMW117-270 Cylinder Head Socket

For releasing and tightening VVT intermediate shaft on BMW N73



BMW118-180 Flywheel Holder

Blocking flywheel when releasing and tightening down central bolts on vibration damper, when replacing timing chain on M47T2, M47TU, M57T2, M57TU, M67, N45, N45T, N46, N46T, N51, N52, N53, N54, N55, W17



BMW114-450 Fixture

For fixing the link blocks in during assembly on the BMW N52 Used with con.#114-270



BMW119-330 Gauge

For locking balancing shafts in firing TDC position on BMW N40, N42, N45, N46



BMW119-270 Spanner

For rotating camshaft on BMW N42, N46, N46T



BMW119-340 Chain Tensioner

To tension the primary timing chain on BMW N40, N42, N45, N46, N51, N52, N53, N54, N55, engines when setting valve, cam or VANOS timing



BMW119-190 Plug Mandrel

For locking flywheel in TDC position on BMW N40, N42, N62, N62TU, N73



BMW119-450 Counter Holder with Socket, Pointer & Angle Position Gauge (Protractor)

For gripping crankshaft when releasing/tightening central bolt on BMW N62/N62TU/N73
For fitting on brace when tightening central bolt using torsion angle tightening method on BMW M60, M62, M73, N62, N62TU, N73



BMW119-460 Cam Timing Kit

For setting timing on cams of both cylinder head on BMW N62, N73
Including: BMW119-190 TDC Pin, BMW119-461/462/463 Cam timing tool, Socket w/screw



BMW119-450/460

For locating camshaft in TDC position when checking or adjusting camshaft timing on N62, N62TU, N73

Including:
BMW119-461/462 Cam Lock, BMW117-270 Socket for releasing & tightening VVT intermediate shaft on N73
BMW119-190 Plug Mandrel for locking flywheel in TDC position on N62, N62TU, N73
BMW119-463 Holder with Screw
BMW119-450 Counter Holder with Socket, and pointer for gripping charnkschaft when releasing/tightening central bolt on N62, N62TU, N73
Angle Position Gauge/protractor for fitting on brace 112-450 (M60/M62), 112-420 (M73) or 119-450 (N62/N73) when tightening central bolt using torsion angle tightening method.

