



INSTRUCTIONS FOR:

CRANKSHAFT HOLDING TOOL - BMW N47/N57 CHAIN DRIVE

MODEL NO: **VSE6121.05**

Thank you for purchasing a Sealey product. Manufactured to a high standard, this product will, if used according to these instructions, and properly maintained, give you years of trouble free performance.

IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.

1. SAFETY



Refer to
instruction
manual

- ☐ **WARNING!** Wear approved eye protection. Wear appropriate Personal Protective Equipment. A full range of Personal Protective Equipment is available from your Sealey dealer.
- ☒ **WARNING!** Ensure that Health & Safety, Local Authority Regulations and general workshop practice Regulations are adhered to when using tools.
- ☒ **DO NOT** use tools if damaged.
- ☒ Maintain tools to ensure that they are in an adequate condition for safe use and optimum performance.
- ☒ Ensure that a vehicle that has been raised by a jack is adequately supported. Use axle stands.
- ☒ Wear suitable clothing to avoid snagging. **DO NOT** wear jewellery. Tie back long hair.
- ☒ Account for all tools, parts and components being used. **DO NOT** leave tools in or near the engine. Return tools to suitable storage after use.
- IMPORTANT!** These Instructions are provided as a guide only. Always refer to the vehicle manufacture's service instructions or a proprietary manual to establish the correct procedure and data.
- ☐ **WARNING!** The warnings, cautions and instructions in this manual cannot cover all possible conditions and situations. The Operator / user must apply caution and common sense (good practical sense).
- ☒ When timing an engine, always prevent the engine from being turned over. Use a notice and/or inhibit the engine.
- ☐ **WARNING!** Incorrect or out of phase camshaft timing can result in contact between the valve head and the piston crown. This will cause damage to the engine.

2. INTRODUCTION

This useful bracket is essential if the timing chain has to be replaced on the BMW N47/57 range of engines. The timing chain if fitted at the rear of the engine and is behind the flywheel. Therefore to replace the timing chain the engine has to be removed from the vehicle and the flywheel has to be removed.

3. SPECIFICATION

Model No: **VSE6121.05**

4. APPLICATIONS

Make: Model:
BMW:

- 1 Series:** E81/82/87/88:
116d (08-12), 118d (07-12), 123d (07-14)
- 3 Series:** E90/91/92/93:
316d (07-12), 318d (07-14), 320d (07-12),
325d (10-12), 330d (08-14)
- 5 Series:** E60/61:
520d (07-10)
F10/11:
525d (10-13), 530d (10-13), 530d xDrive (11-15),
535d (10-13), 535d xDrive (11-15), M550d xDrive
(12-15)
F07:
535dGT (09-15)
- 7 Series:** F01/12/04:
730d (08-12), 740d (09-12), 750d xDrive (12-15),
- X1:** E84:
18d sDrive (09-15), 20d sDrive (09-15),
18d xDrive (09-15), 20d xDrive (09-15), 23d
xDrive (09-12)
- X3:** E83:
2.0d (07-08), 18d xDrive (08-10)
- X5:** E70:
30d xDrive (10-13), 40d (10-13)
- X6:** E71/72:
30d xDrive (10-14), 40d xDrive (10-14)

Engine Codes:

2.0D:
N47: D20A, D20A/KO, D20B, D20B/T0, D20C, D20O0, D20O1,
D20U0, D20U1, D20K1

3.0D:
N57: D30U0, D30O0, D30O1, D30T0, D30A, D30A/O0, D30B,
D30B/T1, D30C, D30C/S1, D30A0/O0, D30A0A/O1



Environmental Protection



Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain off any fluids (if applicable) into approved containers and dispose of the product and the fluids according to local regulations.

NOTE: It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.

IMPORTANT: No liability is accepted for incorrect use of this product.

WARRANTY: Guarantee is 12 months from purchase date, proof of which will be required for any claim.



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