

# Operation Manual

## Cylinder Head Service Kit for Valve Springs

61572



Illustration similar, may vary depending on model

Read and follow the operating instructions and safety information before using for the first time.

Technical changes reserved!

Due to further developments, illustrations, functioning steps, and technical data can differ insignificantly.

Updating the documentation

If you have suggestions for improvement or have found any irregularities, please contact us.



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## Introduction

Thank you for purchasing this quality product. **To minimise the risk of injury we urge that our clients take some basic safety precautions when using this device. Please read the operation instructions carefully and make sure you have understood its content.**

Keep these operation instructions safe.



**Attention:** Please read these instructions carefully. Consider the safe operating requirements, warnings, and precautions. Use the product properly, carefully, and exclusively for its intended purpose. Non-compliance can lead to damage of property and/ or injury.

## Safety precautions

**Attention:** Ensure that the use of tools is in accordance with health and safety regulations. The local authorities' regulations as well as the general workshop regulations need to be complied with additionally.

Do not use any of these tools if they are damaged!

- Make sure that the tools are in a good and well-kept condition to ensure effective and safe working.
- When the vehicle to be worked on is lifted, make sure that it is sufficiently supported with axis supports or ramps with wheel chocks.
- Wear suitable clothing to avoid getting caught. Do not wear loose clothing or jewellery and tie long hair together.
- Check that all tools and parts used are placed back in the case.
- When working on the vehicle, make sure that it is secured and stable.
- Do not use the tools if you are tired or under the influence of alcohol, drogues, or medication.
- **Important:** Always refer to the servicing instructions of the vehicle manufacturer or the according manual to carry out the work correctly and safely. This manual is for guidance only.





## Usage

- Quick removal and installation of the spring holder, which can then be opened and closed through the large openings on both sides of the pressure pipe.
- Quickly and easily replace tapered collets on recessed valve springs. The special spring-loaded unit brings the adjusting ring immediately into position above the cylinder heads.
- Suitable for 8 V, 16 V and 24 V.
- By applying air to the cylinder through the spark plug hole, valve seals, as well as broken and weak valve springs can be replaced without removing the cylinder head.
- One end of the tool fits on 14 mm and 18 mm thread of the spark plug hole. The other end of the tool is suitable for 1/4" NPT female threads.
- The long hose is ideal for reaching deep spark plug holes.
- Compressed air adapter for 14 mm and 18 mm spark plugs, 4 × thread 1/4" air coupling.
- Hold the valve in place with compressed air to allow maintenance of the valve stem oil seals/ valve springs with the cylinder head in place.
- Removes valve stem seals from overhead camshaft engines.
- Pliers grip around the valve stem into the narrow area of the seal to grip and remove it.
- The "gripping" gear in the tip allows to grip both original parts and gasket spare parts regardless of their configuration.
- A press fit holds the tool in place so that it can be lowered in the narrow areas of the valve guide and thus easily tapped with manual pressure.
- Altogether there are 6 sizes: 5 mm, 6 mm, 7 mm, 8 mm, 10 mm and 11.5 mm.

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