

## COIL SPRING COMPRESSOR SET

### User Manual



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## General Information

**Thank you** for purchasing a Blue Spot Tools product, you can find further information on our range at **[www.BlueSpot.uk.com](http://www.BlueSpot.uk.com)**. Please ensure that you are using the product correctly and that all guidance and cautions are followed in accordance with the instructions. Please retain these instructions for future reference.

## Safe use

Please make sure that you read these instructions carefully in order to avoid injury when using the coil spring compressor. Follow all health and safety rules and regulations. If in doubt and available please contact a more knowledgeable source.

It is inadvisable to leave a coil spring under tension due to the stored energy. Immediately replace the coil spring onto the shock absorber in order to reduce time that spring is under tension away from the vehicle and potentially a danger to you or anyone in your workshop.

### **DO NOT use if damaged.**

- Maintain tool in good and clean condition for best and safest performance.
- Keep the work area clean, uncluttered and ensure there is adequate lighting.
- Maintain correct balance and footing. Ensure the floor is not slippery and wear non-slip shoes.
- Keep children and unauthorised persons away from the work area.
- If the spring compressors are damaged do not use.
- **ALWAYS** dress appropriately – clothing should be close fitted and long hair tied back. Jewellery should be removed and shoes should be worn with a non-slip sole.
- **ALWAYS** wear the correct eye or face protection when operating the spring compressors.
- **ALWAYS** wear approved respiratory protection if needed.
- **ALWAYS** ensure you work in a well ventilated room.
- **ALWAYS** check and ensure the hooks are connected securely on the spring before commencing compression.
- **DO NOT** allow for the spring to become coil bound.
- **DO NOT** leave a compressed spring unattended.
- **NEVER** use air tools to compress a spring.
- **NEVER** operate the tool if you are under the influence of drugs or alcohol as this is dangerous.
- **NEVER** make modifications to the tool.
- **NEVER** use the spring compressor for a task that it was not designed for.
- **DO NOT** operate the spring compressors if you are tired as this could be dangerous.
- **ALWAYS** stop using the tool straight away if you start to experience discomfort or pain. Consult with a qualified health professional if needed.

## Introduction

The BlueSpot Coil Spring Compressor Set is an essential tool for quickly and securely compressing springs on vehicles when repairing or replacing the shocks, springs or struts. Manufactured from heat-treated tempered steel with drop forged steel hooks for increased durability. Features twin hook design for stability. Suitable for use with up to 260mm coil springs.

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## Operation

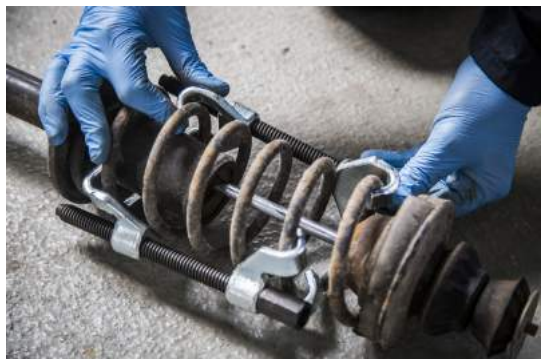
**BE AWARE** it is inadvisable to leave a coil spring under tension due to the stored energy. Immediately replace the coil spring onto the shock absorber in order to reduce time that spring is under tension away from the vehicle and potentially a danger to you or anyone in your workshop.

1. Refer to the manufacturer's manual for the shock absorber and remove from the motorcycle.
2. Put the hook from the spring compressor into position over the shock absorber.
3. Engage the hooks on the spring as far apart as possible.
4. Refer to the image below on how the hooks should be attached on the shock absorber.
5. Make sure they are securely attached.
6. Ensure the hooks are correctly aligned and that the two compressors are parallel to each other.
7. Compress the spring. To tighten the spring compressor use a 19mm spanner. For each turn of the spanner make sure to equally apply the same to the other side of the spring.

**DO NOT** allow for the spring to become coil bound.

**NEVER** use air tools to compress the spring as this will cause serious injury or death to you or those around you.

8. When the spring is compressed enough to rotate on the strut remove the plate from the strut. The spring must remain compressed until after the strut has been replaced.



## Operation (continued)

**ALWAYS** be careful and pay attention whilst the spring is compressed, as this can become dangerous.

9. Withdraw the spring.

**DO NOT** attempt to remove the spring from the compressors until all the tension has been released.

10. Reverse the procedure above to replace the spring.

## Maintenance

To clean just use a dry cloth to wipe over the tool.

## Storage

Store the spring compressors in a cool dry area that is out of reach of children.

## Disposal

Always check and adhere to national regulations when disposing of any tools that are no longer functional and cannot be repaired.

- Contact your local waste disposal authority for information on how to correctly dispose of tools.

## 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 any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.



## Contact

Find out more about BlueSpot® Products at **[www.BlueSpot.uk.com](http://www.BlueSpot.uk.com)**

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