

FITTING INSTRUCTIONS

COMPRESSION ADJUSTER KIT (SHOWA)

111-100-001



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KEY



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NOTE



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CAUTION



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WARNING

REQUIRED MATERIALS

- Loctite 2701 **(Green)**
- Polymer 400 Grease (FF-GREASE)

REQUIRED TOOLS

- 113-050-010

INTRODUCTION

Introducing the Precision Compression Adjuster Clicker for SHOWA Front Forks - the ultimate solution for riders wanting the fast ability to adjust the compression without the need for tools where access is too difficult. Engineered to elevate your riding experience, this meticulously crafted adjuster empowers you to fine-tune your front fork compression with effortless precision.

Crafted with the highest-grade materials and precision engineering, our adjuster clicker seamlessly integrates into SHOWA front forks, enhancing their performance and responsiveness. Whether you're tackling rugged trails or dominating the track, this innovative upgrade allows you to tailor your suspension settings on-the-fly, adapting to changing terrain and riding styles with ease.

Tools for disassembly and reassembly of your front forks are **not** included, but can be purchased from your nearest K-Tech dealer.

*****THIS PRODUCT IS NOT DESIGNED FOR HIGHWAY USE*****

The procedures in this manual should only be carried out by a qualified motorcycle technician. K-Tech Suspension Ltd will not be liable for any damages caused in any way to/by the product and any injuries sustained if the product is fitted or adjusted by someone who is neither an authorised dealer of K-Tech Suspension Ltd or who does not have the relevant qualifications in motorcycle technology. K-Tech Suspension Ltd will also not be liable if the correct tools are not used throughout the process of fitting and adjustment of a K-Tech suspension Ltd product. Please refer to the manufacturer's workshop manual before attempting these procedures. These procedures will require two people, you will need to remove all relevant bodywork and any other parts that may restrict you from carrying out these tasks.

K-Tech Suspension Ltd products are manufactured to fit specific brands and models. Under no circumstances should any K-Tech Suspension Ltd products be fitted to an application other than that for which it has been designed, tested and manufactured.

STANDARD ADJUSTER REMOVAL

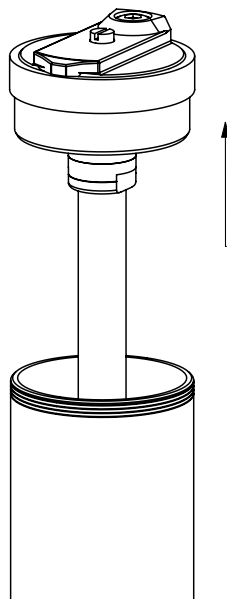
1

Before starting, wind the compression clicker **FULLY IN** using the correct tool.

Make note of your clicker position!

Remove the front forks from your motorcycle, using the manufacturers recommended method and tools.

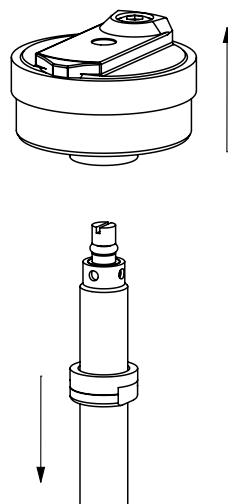
Hold the fork leg in a vice, and remove the top cap with the recommended tool. Pull the top cap assembly out from the fork leg, and set the fork aside.



2

Using K-Tech tool no. **113-050-010**, hold the compression assembly in the vice.

Loosen the locknut underneath the top can, and unscrew the cap from the compression assembly.



STANDARD ADJUSTER REMOVAL

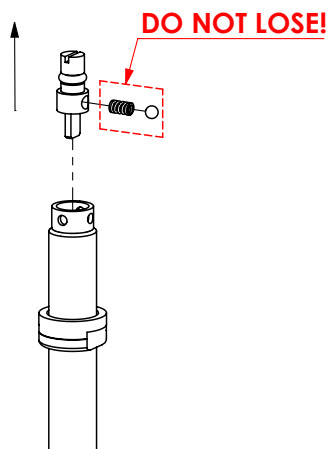
3

Using a small straight pick, push the detent ball in and pull the driver out from the piston rod.

IMPORTANT: DO NOT LOSE THE DETENT SPRING AND BALL!

These will be required for fitting the K-Tech adjuster kit.

Check the condition of the inner surface of the piston rod. If damaged or heavily worn, consult the owners manual for service procedure and parts.



You are now ready to fit the K-Tech Compression Adjuster Kit.

K-TECH ADJUSTER FITTING

4

Apply a small amount of Polymer 400 Grease to the o-ring on the driver.

Drop the detent spring into the hole on the driver, and press the ball onto the spring.

While holding the ball down, and keeping the driver blade aligned with the slot on the needle, guide the driver into the top of the piston rod.

Push and turn until the detent ball locates in the rod.

5

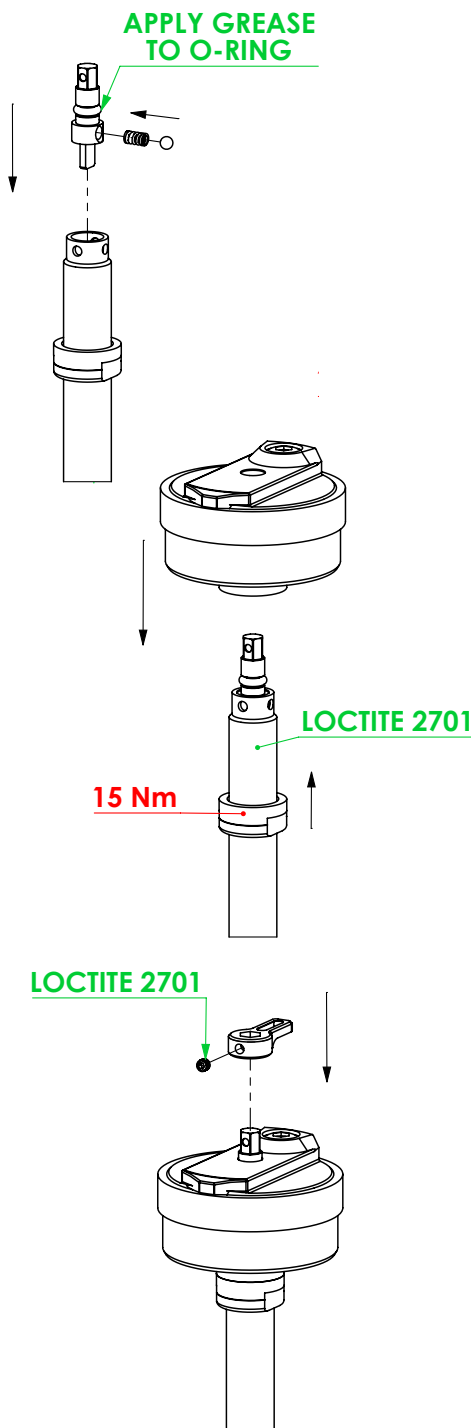
Apply **Loctite 2701** to the piston rod threads and screw the cap onto the piston rod until it comes to a hard stop. Tighten the locknut to the bottom of the cap, and torque to **15 Nm**.

7

Drop the adjuster knob over the driver, making sure to align the scw hole with the recess on the driver.

Once aligned, apply a *very small* amount of **Loctite 2701** to the threads of the included grub screw. Tighten the screw until it is snug, and there is no rattle in the adjuster knob. Be sure to keep the screw aligned with the recess!

Re-fit the assembly into the fork tube.





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**Contact your local K-Tech dealer for more details at
www.ktechsuspension.com/service-centres-and-partners**