\[ A = B + 0.2 \, \text{mm} \]
\[ C = A \pm 0.2 \, \text{mm} \]
\[ D = 8 \, \text{mm/M8} \]
Welcome to the PASSION PEOPLE!
You would like to equip your full-suspension bicycle with the variably adjustable MAGURA TS rear shock.
Please read these instructions carefully before you use your MAGURA product. Read and follow all the instructions in the manual provided by the manufacturer of your bike frame.
The following instructions describe the basic fitting procedure of your MAGURA TS rear shock. The detailed instructions in the operating manual provided by the manufacturer of your bike frame should be followed.
You can find instructions for setup and maintenance of your rear shock in the user instructions provided MAGURA TS RL · TS RC.
Remember that the mechanic who installs your MAGURA product is responsible for the suitability and compatibility of all the components technically linked to your MAGURA product.
Never overestimate your technical capabilities. Commission a specialist workshop for bicycles or an authorized MAGURA service centre with all installation and maintenance work. This is the only way to ensure that work is conducted in a professional manner.

**WARNING**
Failure to observe the instructions in these user instructions can lead to serious or fatal accidents.

Keep these mounting instructions for other users of your MAGURA product. Visit [www.magura.com](http://www.magura.com) for more tips and information on your MAGURA product. You can also exchange experiences, ask questions and generally “talk shop” with many PASSION PEOPLE members on the MAGURA Forum.

We wish you great success and a great ride

*Your MAGURA Team*

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**LEGEND**
- The pointing finger prompts you to perform an action.
- The arrow shows results or requirements.
- This notice gives you additional information or tips.
- This symbol refers to the corresponding chapter of the user instructions of your rear shock.

**WARNING**
This notice warns you about a dangerous situation which can lead to serious or fatal injury if not avoided.

**NOTICE**
This notice warns you about the risk of material damage.

**CHECKING DIMENSIONS [A–B]**
- Make sure that the length \( L \) and stroke \( H \) of your rear shock meet the requirements of the manufacturer of your bike frame.
- Make sure that the length \( A \) (bolt) and width \( B \) (spacer sleeves) correspond to the dimensions \( C \) (stop points) of your bike frame.
- Make sure that the diameters \( D \) (mounting screws) correspond to the internal diameter of the bolts.

- Exclusively use genuine MAGURA bolts and spacer sleeves.
If necessary, contact your dealer or MAGURA directly to ask about the wide variety of adapter solutions (bolts and spacer sleeves up to 45 mm dimension, reduction sleeves for M6 mounting screws), if the supplied components do not correspond to the dimensions of the stop points on your bike frame or its mounting screws. In order to make the order correctly, you will need to know dimensions \( C \) of both the stop points on your bike frame as well as the diameter dimensions \( D \) of the mounting screws.
**Fitting the rear shock [C]**

- Lightly grease the bolt (1) on the outside – e.g. using MAGURA Forkmeister Grease.
- Insert the bolt through the eye in the rear shock.
- Push the spacer sleeves (2) on the left and right onto the bolt.
- Fit the mounting screws according to the manufacturer’s information (with screwlock, greased or dry) and tighten to the prescribed tightening torque.
- Do the same at the other eye of the rear shock.

**WARNING**

Danger of accident due to jamming or blocking rear shock.
- Make sure that your bike frame cannot enter into contact with your rear shock in any position.
- Make sure that there is a distance of at least 5 mm sideways between the struts of your bike frame and your rear shock in all positions.
- Make sure that your rear shock can rotate freely at the two pivot points even after the mounting screws have been tightened.

- Fully reduce the air pressure in the rear shock.
- Allow the rear triangle suspension to compress fully.
- Make sure that the rear shock does not jam, block or enter into contact with your bike frame in any position.
- Initially increase the air pressure in the rear shock to approx. 5 bar (73 psi).
- Fitting your MAGURA rear shock is complete.
- Perform the setup on your rear shock.

**Fitting the remote control lever (RCL²) [D]**

- You can tell whether your rear shock is suitable for remote control by means of the stop for the outer sleeve. Rear shocks that do not have this stop cannot be remotely controlled with RCL²!

**WARNING**

Danger of accident due to faulty installation work.
- Make sure that the RCL² cannot interfere with brake and gear shift actuation and function in any lever position.

**NOTICE**

Damage to material due to faulty installation work.
- Never fit the clamps in the wider area of the handlebar.
- Never exceed the maximum tightening torques.

There are 3 different fastening options for the RCL²:
- Standard clamp (4) – for fitting next to the brake lever.
- Standard clamp with spacer (5) and long clamping screw (6) – for fitting next to the brake lever in combination with twist shifters.
- Remote mix clamp (7) – only for direct fitting to brake levers of MAGURA MT Series and HS Series (MAGURA rim brakes) as of model year 2011.

- RCL² for the rear shock is generally mounted on the left – however, it can be mounted on the right side if required.
- Define the position of the standard clamp on the handlebar.
- Make sure that the brake and gear shift actuation and function is not impaired in any RCL² lever position.
- The lever and return dial on the RCL² must be easily reachable.
- Tighten the clamping screw (6) (8) on the standard clamp with a tightening torque of max. 3 N·m (27 lbf·in).
- Tighten the sleeve nuts (9) on the Remote Mix clamp with a tightening torque of max. 3 N·m (27 lbf·in).
Fitting the Bowden cable (RCL²) [E-F]

⚠️ WARNING

Danger of accident due to faulty installation work.
- Make sure that the Bowden cable on the RCL² can never interfere with steering.

➔ The outer sleeve must be laid via the shortest route, without torsion or kinking, between the stops on the RCL² and the rear shock (10).
➔ Shorten the outer sleeve of the Bowden cable with suitable Bowden cable pliers.
➔ Make sure that the lever on the RCL² is relieved – press the return dial if necessary.
➔ Feed the inner cable through the RCL², outer sleeve and stop on the rear shock.
➔ Make sure that the outer sleeve is firmly seated in the stops.
➔ Tension the inner cable, insert it into the groove on the rotating dial and through the hole, and hold in place.
➔ Tighten the clamping screw (11) with a tightening torque of max. 2 N·m (18 lbf·in).
➔ Trim the inner cable to a length of approx. 1 cm after the clamp screw and fit a cable end cap.
➔ Retension the inner cable after the first 10–20 actuations.
 Unsere weltweiten Handelspartner und Service Center finden Sie unter www.magura.com
 Check out our worldwide partners and service centers at www.magura.com

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