Welcome to the PASSION PEOPLE!
You have purchased the MAGURA eLECT retrofit kit to add electronic controls to the Dynamic Lockout (DLO² – from the 2011 model year) of your MAGURA suspension fork.

You can check that your suspension fork is suitable for eLECT by the DLO² or Albert Select+ rotating dial[A].

Other MAGURA compression damping systems (DLO³, Albert SL etc.) must not be replaced with eLECT!

Please read these instructions carefully before you use your MAGURA product. Always observe and follow all instructions in the owner's manual of your suspension fork.

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 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*
**Mounting eLECT Unit [C]**

- Remove the cover on the “eLECT” (7) by unscrewing counter-clockwise.
- Apply a little suspension fork oil to the O-ring and thread.
- Screw the eLECT unit clockwise into the stanchion by hand.
- Tighten the eLECT unit with the eLECT tool (8) and a suitable torque wrench to a tightening torque of max. 10 N·m (89 lbf·in).
- Align the internal part of the eLECT – insert needle pliers or similar into the indentations (9).
- Direction arrow (10) points forward in the direction of travel.

**Mounting eLECT Remote Control [D]**

1. Only eLECT units with a printed ANT+ symbol (11) [C] can be remotely controlled – and this requires the corresponding ANT+ eLECT remote control!
2. The eLECT remote control makes it possible to change over from automatic to manual mode. If you operate the eLECT exclusively in automatic mode, you do not need to install the remote control. The MAGURA eLECT rear shock does not have the automatic mode of your MAGURA suspension fork - the eLECT remote control can be used to switch the compression damper between OPEN and LOCKOUT – see the User Instructions – TS RL • TS RC.

**WARNING**

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

1. The eLECT remote control is generally mounted on the right – with the buttons facing the handlebar.
   It can also be mounted on the left-hand side – or with the buttons facing the handlebar stem – if desired. In this case the arrow keys can be switched around.
- Define the position of the eLECT remote control on the handlebar.
- Place the rubber half shell (12) between the handlebar and the remote control.
- Fix the eLECT remote control to the handlebar with rubber ring (13).

**Taking the eLECT into Operation**

**Charging the eLECT Rechargeable Battery [E]**

1. Charge your eLECT rechargeable battery before taking it into operation for the first time.

**WARNING**

**Danger of accident due to improper accessories.**
- When charging the rechargeable battery, exclusively use intact micro-USB mains adapters that are also suitable for mobile smartphones.

- Remove cover on “eLECT” by unscrewing counter-clockwise.
- Switch off the eLECT (OFF).
- Connect the micro-USB plug to the charging socket.
- Connect the mains adapter to the mains.
- LED (14) flashes slowly (1 s) red.
- Rechargeable battery is being charged (approx. 3 h).
- LED (14) is red.
- Rechargeable battery is charged.

Your eLECT rechargeable battery is protected against overcharging.
Avoid unnecessary electricity consumption by disconnecting the mains adapter and micro-USB cable from the mains after charging.

- Disconnect the micro-USB plug from the charging socket.
- LED goes out.
- Switch on the eLECT (ON).
- Replace cover on “eLECT” by screwing it on clockwise.

**Assigning the Arrow Keys on the eLECT Remote Control [F]**

1. The front arrow key of the eLECT remote control is best assigned to your suspension fork, and the rear key to your rear shock. This assignment can be changed depending on where your eLECT remote control is mounted.
- Press the round button on the remote control 1×.
- The remote control LED flashes green and red.
- The eLECT remote control is “awake”.
- Press and hold the round button and the front arrow key on the remote
control for at least 2 s.
- The remote control LED is steady red – approx. 2 s.
- The remote control LED flashes green and red.
- The front arrow key is assigned to the suspension fork.

**Synchronising the eLECT remote control**

1. The eLECT remote control and the eLECT unit must be synchronised (paired) when used for the first time and after replacing the battery.

### NOTICE

- Make sure that the eLECT remote control is at least 40 m away from other ANT+ devices (navigation unit, speedometer, PC etc.).

Press and hold the button on the eLECT unit (suspension fork and if applicable rear shock) for at least 8 s.
- The eLECT unit LED is steady red.
- The suspension fork and if applicable the rear shock are ready for synchronisation.

Press the round button on the remote control 1×.
- The remote control LED flashes green and red.
- The eLECT remote control is “awake”.

Press and hold the two arrow keys on the remote control for at least 3 s.
- The remote control LED is green and red.
- Synchronisation is performed – this may take up to 30 s.
- The eLECT unit LED flashes red 3× and the remote control LED flashes green.
- Synchronisation is completed.

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### Calibrating eLECT [H]

1. The system must be calibrated before your eLECT can operate correctly. Different positions of your bicycle during the calibration (e.g. -1.5°/0°/+1.5°) enable you to preset the responsiveness of eLECT according to your requirements.

If you switch off your eLECT unit (OFF), DLO² remains in its current status – activated or deactivated.

The following steps must be performed before calibration:

- See **Taking the eLECT into operation**.
- Adjusting the suspension (air pressure).
- Adjusting the damping (rebound damper).
- Rear frame suspension and inflation pressure matched to one another.

Switch on eLECT (ON) or perform a reset if eLECT was already switched on.

Move your bicycle to a neutral position (0°).

Press and hold the button on the eLECT unit for 3–5 s.
- LED of the eLECT unit lights up (——)
- Calibration is performed.
- Neutral calibration (0°) is completed.

If you would like to preset eLECT more accurately according to your requirements, you should now take a test ride on a representative test route, and conduct several calibrations if necessary. Proceed stage-by-stage until the responsiveness of your eLECT corresponds to your requirements.

At each stage, it is recommended that the front or rear wheel of your bicycle should be raised by 1–2 cm in each case. Use corresponding wooden boards to increase the height.

Move your bicycle to a negative position (e.g. -1.5°).

Perform the calibration as described above.

eLECT activates DLO² on relatively slight inclines or even when riding on the flat.
Move your bicycle to a positive position (e.g. +1.5°).
 Perform the calibration as described above.
 ➔ eLECT only activates DLO² on steeper inclines.

For more: ☑️ – Locking out the suspension fork – DLO².

Performing an eLECT reset
 ➔ Switch off the eLECT (OFF).
 ➔ Leave the eLECT switched off for at least 10 seconds.
 ➔ Switch on the eLECT (ON).

:key: – EXCHANGING THE BATTERY/RECHARGEABLE BATTERY

**NOTICE**

Damage to material due to faulty installation work.
- The rechargeable battery of the eLECT unit is exclusively allowed to be exchanged directly at MAGURA.

**DECLARATION OF CONFORMITY**
We, MAGURA GmbH & Co. KG, declare that the eLECT system for electronic control of the compression damper conforms to the requirements of EU Directives 1999/5/EC (radio equipment and telecommunications terminal equipment) and 2004/108/EC (electromagnetic compatibility).

The detailed original declaration of conformity (including USA, Canada, Japan and Australia/New Zealand) can be requested from [www.magura.com](http://www.magura.com).
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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