Charge

3 h => 100%

8 s min.

5 s min.

2 cm

+1,5°

0°

2 cm

−1,5°

2× (0,5s)
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*

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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 owner’s manual of your suspension fork.

**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.

⊕ The following instructions describe the assembly and setup of the eLECT unit and the eLECT remote control. You will need to download the „Suspension Fork“ owner’s manual (from the 2014 model year) with all other information on eLECT in PDF format at www.magura.com if you have an older version or no manual!

**REMOVING DLO²/ALBERT SELECT+**

**NOTICE**

Oil loss from opened suspension fork.
- Make sure that the suspension fork is fixed in an upright position while replacing the DLO units to ensure that the oil does not flow out of the inside of the stanchion.

☞ Pull the “Albert Select+” adjusting dial (1) off in upward direction or remove the cover on the “DLO²” (2) by unscrewing counter-clockwise.
☞ If necessary, loosen the clamping screw (3) of the inner cable (RCL²).
☞ If necessary, remove the remote control lever and Bowden cable.
☞ Unscrew the screws (4) of the rotating dial (5).
☞ Remove the rotating dial.
☞ Loosen and unscrew the DLO unit at the hexagon (6) counter-clockwise.
☞ Leave the DLO unit to drip-dry before final installation in the stanchion.
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 radio symbol (11) [C] can be remotely controlled!
① 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.

⚠️ 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.

There are 2 attachment options for the eLECT remote control:
- Standard clamp (12) – for fitting next to the brake lever.
- Direct fitting – exclusively – to brake levers of MAGURA MT Series.
① The eLECT remote control (13) is generally mounted on the right – however, it can be mounted on the left side if required.
✔ Define the position of the standard clamp on the handlebar.
→ Brake and gear shift actuation and function are not allowed to be impaired by the eLECT remote control.
✔ Place the rubber half shell (14) between the handlebar and the remote control.
✔ Tighten the clamping screws (15) on the standard clamp with a tightening torque of max. 1 N·m (9 lbf·in).

or:
✔ Replace the sleeve nuts of the MAGURA brake lever clip (17) with adaptor sleeve nuts (16). Install the upper adaptor sleeve nut with a spacer washer (18).
→ The arrows on the brake lever clip always point upward.
✔ First tighten the top then the bottom adaptor sleeve nut to a tightening torque of max. 3 Nm (27 lbf·in).
✔ Put on the remote control.
✔ Tighten the clamping screws (19) of the remote control to a tightening torque of max. 0.5 N·m (5 lbf·in).

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 cables/chargers that are also suitable for mobile smartphones.

✔ Remove the cover on the “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 (20) flashes slowly (1 s)
→ Rechargeable battery is charged (approx. 3 h).
→ LED (20) lights up (——).
→ Rechargeable battery is charged.
① 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 the cover on the “eLECT” by screwing it on clockwise.
Synchronising the eLECT remote control [F]

_press and hold the button on the eLECT unit for at least 8 s._

→ LED of the eLECT unit lights up (—).

_press and hold the button on the remote control for at least 5 s._

→ LED of the remote control lights (—) red.

→ Synchronisation is performed.

→ LED of the eLECT unit flashes 3× quickly (0.5 s) and
  LED of the remote control flashes 4× quickly (0.5 s) green.

→ Synchronisation is completed.

Calibrating eLECT [g]

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.

2. 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_, page 5.

→ [ ] – 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.

→ LED of the eLECT unit flashes 2× quickly (0.5 s).

→ 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 corres-
sponds 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.

or:

→ 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).
**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.

**NOTICE – ENVIRONMENT**

Never dispose of batteries, rechargeable batteries and electronic devices with normal domestic waste; instead, always take them to a specified collecting facility.

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**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.
Check out our worldwide partners and service centers at www.magura.com.

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