

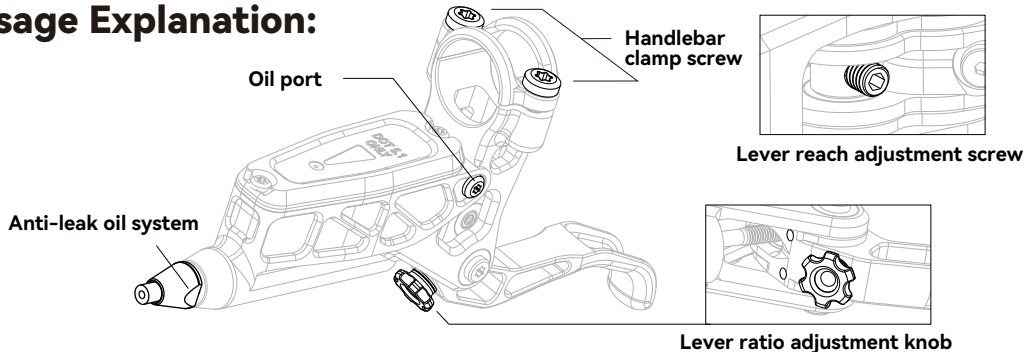
USER MANUAL



Product Name: Lewis EP6+ (Axial Cylinder)

Product Type: Hydraulic Brake

Usage Explanation:

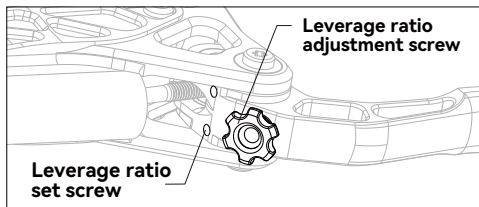


- Remove the brake oil port screw and use an M5 connector for bleeding. Warning! Removing the oil reservoir cover may result in leakage.
- The EP6+ is the ambidextrous design for both left and right hand, with the same oil ports on both sides of the brake handle.
- During handlebar installation ensure the threads are correctly aligned to avoid any thread stripping.
- use a 2mm Allen key to adjust the lever reach, adjusting the leverage ratio will affect the lever reach. Typically, adjustments need to be made at the same time



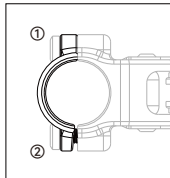
Product Name: **Lewis EP6+ (Axial Cylinder)**

Product Type: **Hydraulic Brake**

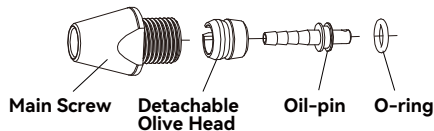


- Use 1.5mm Allen Key to loosen the **leverage ratio fixing screw**, you can use the **leverage ratio adjusting screw** to adjust the leverage ratio; **tighten the fixing screw** after the adjustment is completed.

- Use a T25 wrench to install the clamping ring. When installing the clamp, please **lock the thicker end ①**, then **lock the thinner end ②**, and the locking force of the clamp is uniformly 3 Nm..



- LEWIS Anti-leak oil system can be unscrewed and pulled out without fear of oil spill allowing easy routing for internal cables and easy maintenance.



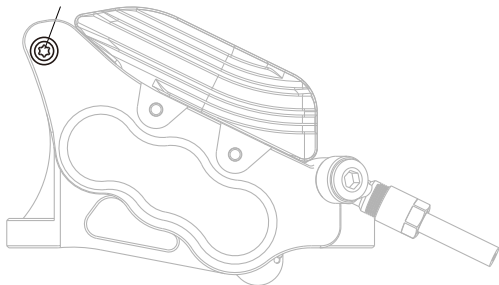
- After removal of the **anti-leak system** joint, it is necessary to remove the **O-ring, detachable olive head, and main screw** to allow installation of the cable through the internal routing of the frame. When reinstalling, it is necessary to connect the oil-pin and it's mate on the inside the braking handle. It is recommended to replace the **detachable olive head** after 2-3 uses. Spare olive heads are provided at the time of purchase.



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Clamp oiling screw



- The EP6+ uses DOT 5.1 fluid by default, when replacing other DOT fluids please strictly understand the characteristics of the oil used.
- It is recommended to return the clamp piston to its place when installing (please clean it in time if there is any dirt), which can effectively avoid rubbing the rotor.
- Please remove the pads from inside the clamp, install the supplied pads, and check that the rifling retaining screws and circlips are in place before loading.
- Our brakes come with a 3-year warranty, and you are welcome to contact us if you have any questions or uncertainties.

LEWIS is dedicated to designing and producing components that consistently remain at the forefront of the cycling industry. Through user data combined with our research and test results, we continuously optimize our products to best serve our customers. We sincerely invite users to report any issues they encounter during the use of our products, either via email or through after-sales feedback to create an unbeatable buying, riding, and after-sales service for everyone. You can follow our various contact methods and multimedia accounts to access technical information or news on new and exciting products. Lastly, we would like to thank you for your support of and trust in LEWIS. Now get out there and ride!

Safety Information

- Please read and review all information carefully before use and always follow the procedures stated in the User's Manual.
- Use caution when using a larger disc brake rotor as it provides a higher braking force.
- The disc brake rotor is sharp enough to inflict severe injury to your fingers if they come in contact with the rotating rotor.
- The brake may not work properly if the brake pads or rotor is contaminated with oil or grease.
- Stop using the brake if the disc brake rotor becomes worn down to it's thickness limit.
- If oil leaks occur, immediately stop using the brakes and consult your closest Lewis dealer.
- The wheel may lock if the front brake is applied too strongly, use caution.
- Braking distance may be longer in humid or wet weather.
- This brake is designed for downhill or free riding, with higher braking force compared to other brakes. If not familiar with this brake, accidents may occur that can cause serious injury or even death.
- If mineral oil comes into contact with eyes and skin, it may result in irritation. If in contact with eyes, rinse with water and receive immediate medical assistance. Inhalation of vapors or mineral oil mist may cause nausea.
- As the brake pads wear out use the bite point adjuster to account for this. Please also note more oil may need to be added to the reservoir.
- **DO NOT** modify this product, doing so will void the warranty.
- Please keep the User's Manual for future reference.

Safety Information

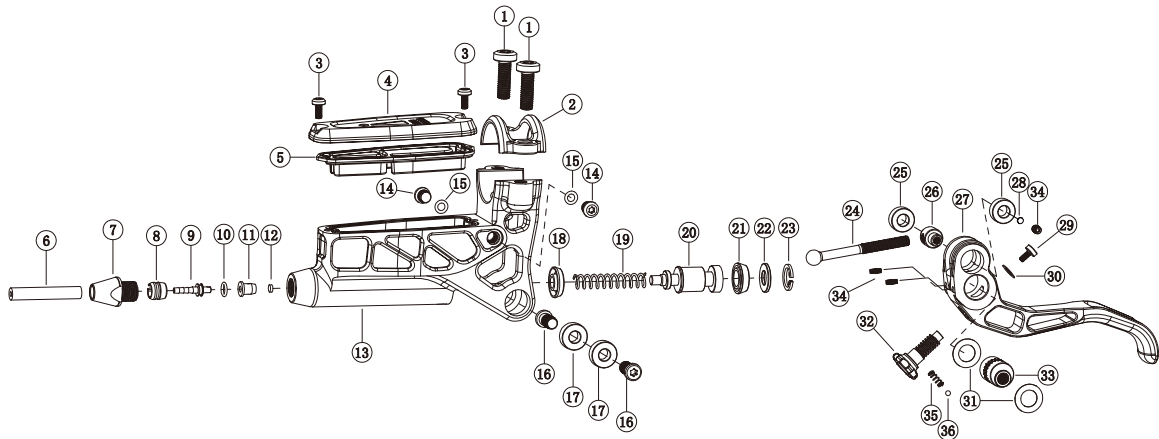
Check the following before riding the bicycle.

- Is the brake leaking oil?
- Do the front and rear brakes work correctly?
- Does each brake pad have a thickness of 0.5 mm or more?
- Is the disc brake rotor cracked or deformed?
- Are there any abnormal noises?
- Is the brake lever secure?
- Is the brake lever action smooth and solid?

If you notice any potential problem, please contact the place of purchase or a bicycle dealer.



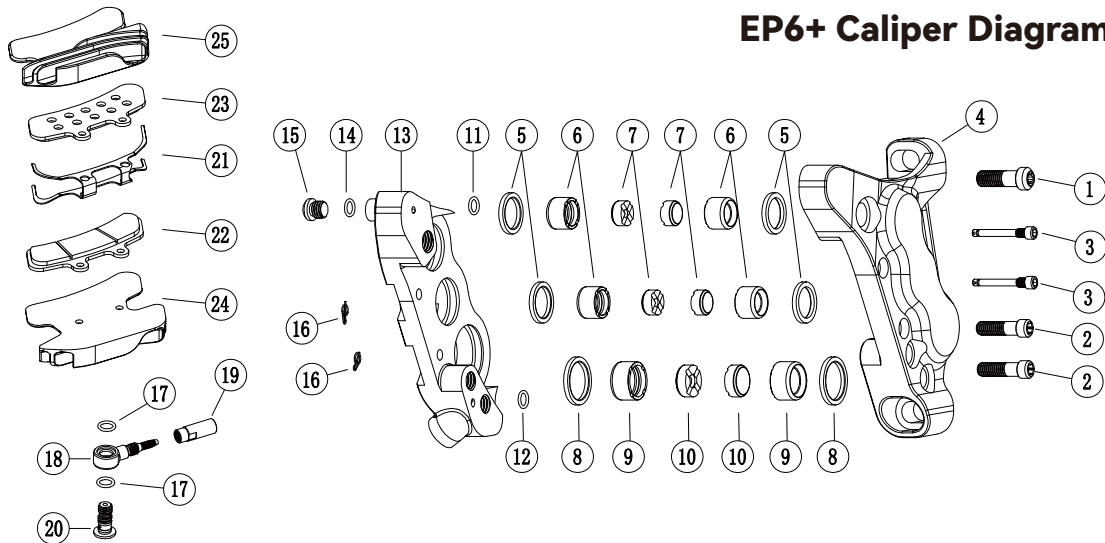
EP6+ Brake Lever Diagram



Serial No.	Component Name	Component Number	Serial No.	Component Name	Component Number	Serial No.	Component Name	Component Number
1	Clamp screw	CLS36	17	Bearing	FZ01051104F	33	Turbocharger	CZK04
2	Clamp	CSK07	18	Piston seal	CMF35_EPDM	34	Fixing screw	FE29003030
3	screw	FE32553080	19	Piston spring	CTH01	35	spring	FQ01058010
4	Oil Reservoir cover	CBT30	20	Piston	CHS26	36	Steel ball	FZ07008010
5	Diaphragm	CMF18	21	Piston seal	CMF36_EPDM			
6	Hose	5.0*2.1HOSE	22	Retainer washer	CDP11			
7	Oil hose connector	CJT09	23	Circlip	CKH04			
8	Detachable Olive Head	CZT01	24	Piston rod	CZX21			
9	Oil pin	CGT01	25	Bearing	FZ01051104F			
10	O-RING	COX030615_EPDM	26	Piston rod rotating joint	CZX02			
11	Tubing support sleeve	CZT02	27	Lever blade	CSB11			
12	Round magnets	FD09030010	28	Gasket	FC03008010			
13	Bracket	CBT35	29	Screw	FE20002050			
14	Oil plug screw	CLS30	30	Gasket	FW01310030			
15	O-RING	COX315512_EPDM	31	Gasket	FW09081010			
16	Lever blade fixing screws	CLS17_LV	32	Knob	CLS39			

- It is not recommended for individual users to fully disassemble the brake lever. If necessary, please familiarize yourself with the components in the diagram, and use official disassembly videos as a reference.
- When disassembling and maintaining the brake, please use professional tools and cleaning agents. After cleaning, rinse thoroughly with running water to remove residual cleaning agents, and assemble after thorough drying.

EP6+ Caliper Diagram



Serial No.	Component Name	Component Number	Serial No.	Component Name	Component Number
1	Lock screw	CLS07	14	O-RING	COX315512_EPDM
2	Lock screw	CLS33	15	Oil plug screw	CLS25
3	Connecting screws	CLS21_SUS	16	Pad Pin Clip	CTH09
4	Lower shell	CBT46	17	O-RING	COX560812
5	Piston seal (14mm)	CMF05_EPDM	18	Oil hose connector	CJT02
6	Piston (14mm)	CHS11	19	Oil hose connector	CJT03
7	Piston pad(14mm)	CCT02	20	Oil plug screw	CLS42
8	Piston seal (17mm)	CMF06_EPDM	21	Pad spring	CTP03
9	Piston (17mm)	CHS12	22	Upper pad	CSP08
10	Piston pad(17mm)	CCT03	23	Lower pad	CSP09
11	O-RING	COX050701	24	Upper cooling fin	CRP05
12	O-RING	COX030501	25	Lower cooling fin	CRP06
13	Upper shell	CBT47			

- It is not recommended for individual users to fully disassemble the caliper. If necessary, please familiarize yourself with the components in the diagram, and use official disassembly videos as a reference. When assembling, remove any old sealing adhesive residue and use new cylinder seal grease for installation.
- When disassembling and maintaining the brake, please use professional tools and cleaning agents. After cleaning, rinse thoroughly with running water to remove residual cleaning agents, and assemble after thorough drying.



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