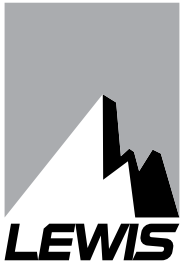
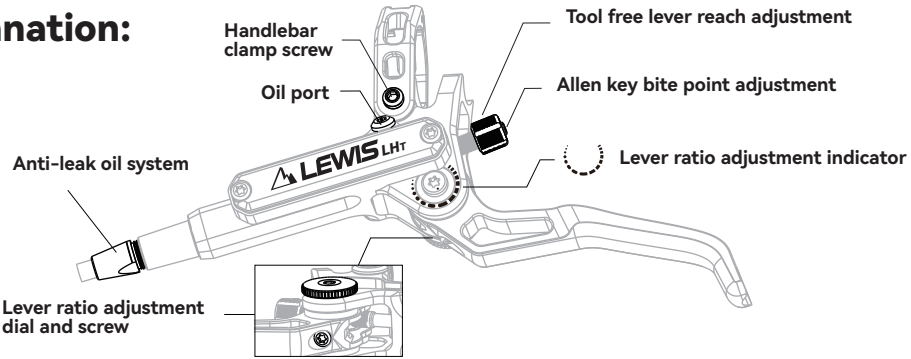
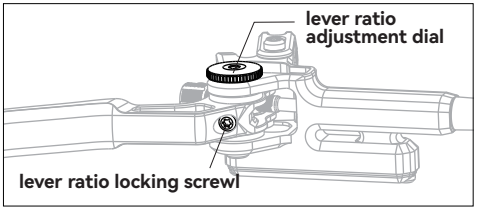


USER MANUAL

Usage Explanation:

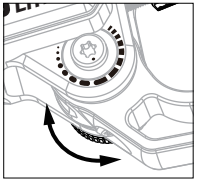


- Remove the brake oil port screw and use an M5 connector for bleeding. Warning! Removing the oil reservoir cover may result in leakage.
- When bleeding is required, please set the bite point to the maximum and pump the brake lever several times to fill the oil circuit.
- During handlebar installation ensure the threads are correctly aligned to avoid any thread stripping.
- Fine tune lever reach by hand turning the dial and use a 2mm Allen key to adjust the bite point of the brake pads.

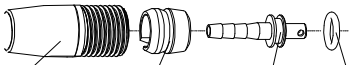


- Loosen the lever ratio locking screw and use the bottom lever ratio adjustment dial to adjust the lever ratio. Tighten the locking screw after adjustment.
  DO NOT OVERTIGHTEN

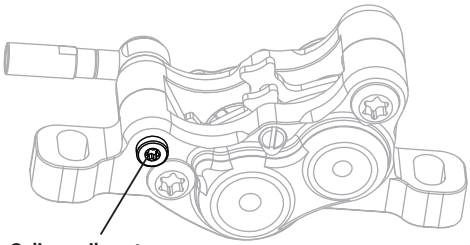
- The smaller the part of the scale the pointer points to the softer the lever will feel, the larger markings on the scale will result in a harder lever feel. Please adjust as appropriate according to individual needs and preference.



- 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.



- When adjusting the brake lever travel and bite point, please make sure you are happy with the feel of the brake before attempting difficult riding.
- Our brakes are designed to be used with **MINERAL OIL**.
- During installation, we suggest resetting the caliper piston (clean any dirt if necessary) to effectively avoid disc rubbing.
- Before installation, please remove holding pads from the caliper, insert the included brake pads, and ensure the fixing screws and retaining clips are in place. DO NOT over tighten the brake pad holding screw.
- Our brakes come with a 3 years warranty. If you have any questions or uncertainties, please feel free to contact us.

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.

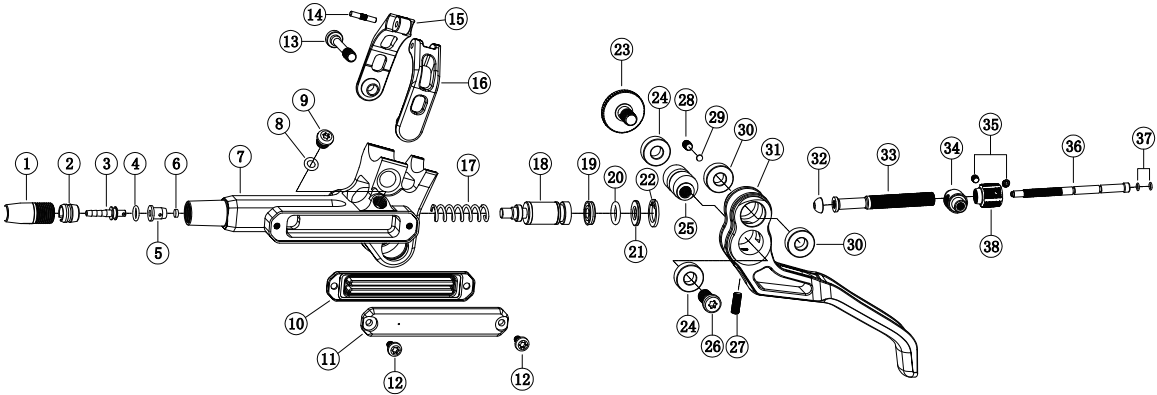
Safety Information

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?

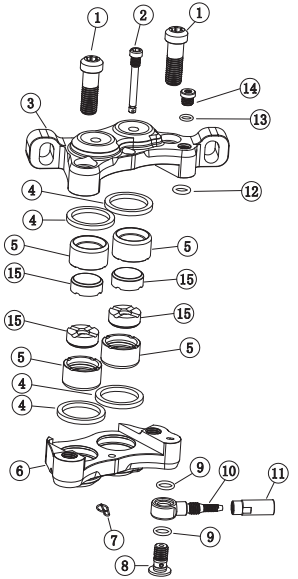
If you notice any potential problem, please contact the place of purchase or a bicycle dealer.

LHT Brake Lever Diagram



Serial No.	Component Name	Quantity	Serial No.	Component Name	Quantity	Serial No.	Component Name	Quantity
1	Wain Screw	1	17	Piston spring	1	33	Piston rod	1
2	Detachable Olive Head	1	18	Piston	1	34	Piston rod rotating joint	1
3	Oil pin	1	19	Piston seal	1	35	Set screw	2
4	O-RING	1	20	O-RING	1	36	Piston rod inner shaft	1
5	Tubing support sleeve	1	21	Retainer washer	1	37	O-RING	2
6	Round magnets	1	22	Circlip	1	38	Adjustment Knob	1
7	Bracket	1	23	Screw	1			
8	O-RING	1	24	Bearing	2			
9	Oil plug screw	1	25	Bearing bracket	1			
10	Diaphragm	1	26	Screw	1			
11	Oil Reservoir cover	1	27	Set screw	1			
12	Screw	2	28	Set screw	1			
13	Clamp screw	1	29	Gasket	1			
14	Pin	1	30	Bearing	2			
15	Clamp lower cover	1	31	Lever blade	1			
16	Clamp upper cover	1	32	Ball head cap	1			

- 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.



Serial No.	Component Name	Quantity
1	Calipers lock screw	2
2	Pad Pin	1
3	Lower shell	1
4	Piston seal (17mm)	4
5	Piston seal (17mm)	4
6	Upper shell	2
7	Pad Pin Clip	2
8	Oil plug screw	1
9	O-RING	1
10	Oil hose connector	1
11	Oil hose connector	2
12	O-RING	1
13	O-RING	1
14	Oil plug screw	1
15	Piston pad	1

LHT Caliper Diagram

- 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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