

# Elite Mineral Oil Bleed Kit

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## PARTS INCLUDED



## INTRODUCTION

Thank you for purchasing the Jagwire Elite Mineral Oil Bleed Kit. This kit can be used to bleed many of the most popular bicycle disc brakes that use a mineral oil fluid system. Due to the variety of bleeding procedures, we recommend consulting the brake manufacturer's service documents for bleed instructions.

**WARNING:** Do not use this kit with DOT fluid systems. Doing so will damage the seals and can permanently damage both the bleed kit and the brake system.

## BASIC OPERATION



Assemble the syringe system by screwing the valve into the syringe. The valve comes pre-installed with a universal adapter that is compatible with many common hydraulic disc brake calipers and levers.

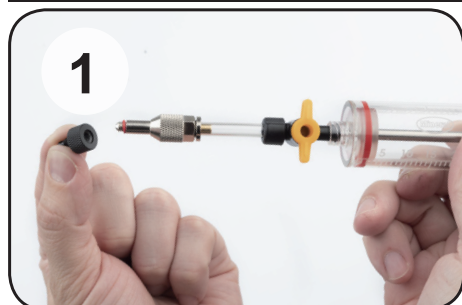


Use the plunger to draw brake fluid into the syringe.



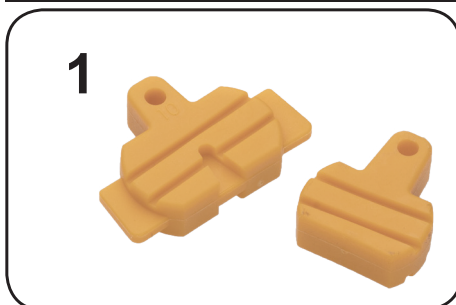
Turn the lever on the valve clockwise to close the system and prevent fluid from entering or leaving the syringe. Once ready to bleed the brakes, turn the lever counterclockwise to open the system.

## ADAPTERS



Some brakes require the use of an adapter to bleed the system. Consult the parts list to identify if an adapter is needed. For adapters with 5mm female threads, screw them onto the universal adapters (B) until snug.

## BLEED BLOCKS



The kit includes bleed blocks that work with most common 2-piston (C) or 4-piston (D) brake calipers.



Remove the brake pads from the caliper and insert the bleed block before bleeding. Secure in place with the pad axle.

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## SYRINGE CLIPS



Use the included syringe clips for a hands-free way to keep the syringe upright. Attach the clip to the base of the syringe (A) and to the universal adapter (B).



For levers and calipers with bleed ports on the top, use the upright syringe clip (E).

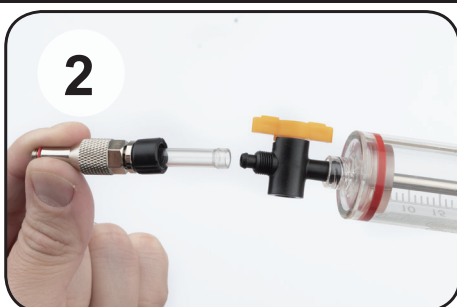


For bleed ports on the side, use the 90-degree syringe clip (F).

## HOSE HOLDER AND BUSHINGS FOR SHIMANO® BLEED NIPPLES



For Shimano® brake calipers with a bleed nipple, you will need to use the adapter hose (H). Begin by unscrewing the compression nut on one of the universal valves (B).



Remove the universal adapter (B) from the valve.



Install the adapter hose (H) onto the valve nipple and tighten the compression nut to secure it.



Remove the clip from the adapter hose, then slide the hose holder (G) and a hose bushing (J) on.



Attach the adapter hose to the bleed nipple on the caliper, then press the hose bushing (J) onto the nipple using the hose holder (G) to secure it.

## CARE AND MAINTENANCE



The plunger can be removed from the syringe (A) for cleaning. Unscrew the handle, then pull the plunger to remove. Dry all parts thoroughly before performing another bleed.

## PRODUCT SAFETY AND INFORMATION

**WARNING:** Many bicycle service and repair tasks require special knowledge and tools. In order to help minimize the chances of an accident and possible injury, it is critical that you have any installation, repair or maintenance performed by a professional bicycle mechanic or dealer. Do not begin any adjustments or service on your bicycle yourself until you have learned from your mechanic or dealer how to properly complete them. Improper adjustment or service may result in damage to the bicycle or an accident, which can cause serious injury or death.

Before installing any component or accessory make sure that it is compatible with your bicycle by checking with your dealer.

**WARNING:** Riding with improperly adjusted brakes, worn brake pads, worn control cables or housings is dangerous and can result in serious injury or death.

Important: If your control system wires begin to fray, your housing end caps show any signs of damage or your housing is kinked, replace them with new products.

**WARNING:** Jagwire cables, housings and brake pads are not intended for use on any motorized bicycle Or vehicle. Any such use could result in a serious personal injury.

Limited Warranty: Chia Cherie/Jagwire warrants its products to be free from defects in materials or workmanship for a period of two years after original purchase. This warranty only applies to the original owner and is not transferable. Claims under this warranty must be made through the retailer where the bicycle or the Jagwire product was purchased. Original proof of purchase is required. For the complete warranty policy, please visit jagwire.com.