

CLARKS M4 INSTALLATION

The Clarks M4 brake system is compatible with post mount frame fittings, with mounting centres of 74.2mm (standard). It can also be converted for International Standard fixings when using the appropriate brackets.

Please note: As hydraulic disc brake callipers are self adjusting do not apply any pressure to the lever until the brake set has been fully assembled with the rotor and calliper in place.

Tools required - Torx T25 driver, 5mm Allen key, 4mm Allen key.



1 - Fit the front and rear lever assemblies to the handlebar. Tighten the lever clamp bolts using a 5mm allen key.



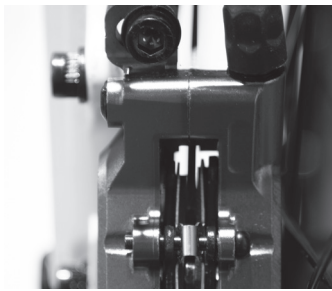
2 - Fit the rotors to the front a rear wheels using the 6 x T25 Torx head bolts supplied. Tighten opposite bolts going around the rotor to avoid distortion. And fix the wheels back into the frame.



3 - Remove the calliper pad spacer and fix the callipers to the mounting points on the front a rear forks. If required - fasten the I.S. bracket (or Post Mount bracket) to the bike fork mounting points using 2 x M6 x 18mm bolts supplied, and then fix the calliper to the bracket. Do not tighten the calliper bolts at this stage.



4 - With the calliper in place over the rotor, apply pressure to the lever. This will help to centralise the callipers over the rotor. With the brake lever still applied tighten the calliper bolts to the Post Mount or I.S. fixings.



5 - Check that the calliper is aligned in relation to the rotor and that the rotor is central between the pads. If not adjust accordingly.



6 - Route all hoses, correctly fastening them against the frame. Make sure that the hoses do not impede the steering and are not kinked.

BEDDING IN PERIOD

To achieve maximum braking performance the new pads will need to be bedded in.

To do this ride a short distance whilst alternatively, gently applying the brakes on and off without attempting to stop. This process pairs the pads with the rotors. Expect the brake performance to significantly improve over the first few rides through use.

REACH ADJUSTMENT

The M4 brake system has reach adjustment. This allows the rider to adjust the distance between the lever blade and the handlebars, allowing the rider to create the perfect set up for hands and finger strength.

Turn the reach adjustment located on the inside of the lever blade. Clockwise to increase the distance from the handlebar. Anti-clockwise to decrease the distance from the handlebar.

CLARKS M4 BLEEDING PROCEDURE.

Please note: The M4 uses mineral oil. If the oil contaminates the pads during the bleeding procedure the pads must be replaced

Tools required - 1 x Syringe filled with fluid (fill), 1 x Syringe empty (drain), T20 Torx head, 2mm Allen key, Protective gloves, Protective goggles.



1 - To begin the bleed process remove the bleed nipple from the lever assembly.



2 - Attach the syringe (drain) to the lever bleed point.



3 - Remove the bleed nipple from the calliper and attach the syringe (fill).



4 - Gradually depress the syringe at the calliper, pushing the fluid from the calliper through to the lever syringe.



5 - Continue this process until no air bubbles can be seen exiting the system into the drain syringe.



6 - Remove the drain syringe from the lever. Securely fasten the bleed nipple back into position.



7 - Remove the fill syringe from the calliper. Securely fasten the bleed nipple back into position.



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