

BBR Rear Disk Brake Kit

Thank you for the purchase of this rear disc brake kit for the CRF/XR50! Everything is included in this kit to add a rear disc brake to your BBR Perimeter Aluminum Frame kit based motorcycle. If you are adapting this kit to the OEM Honda frame or another aftermarket frame kit, you will need our adapter kit PN 550-HXR-5050.

Because installation of this kit is beyond the control of BBR Motorsports, Inc, we cannot accept responsibility for misuse or improper installation. This kit is intended only for use on off-road motorcycles. These instructions are intended only as a supplement to the proper Honda service manual. If the installation of this product is beyond your technical abilities please refer to qualified service personnel. If you have any questions please do not hesitate to call us at 1-888-MOTO-BBR.



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1. Support bike on stand with rear tire off of ground. Remove seat and body work. Remove rear wheel and brake pedal.



2. Remove shipping bracket from master cylinder.



5. Install master cylinder reservoir on upper subframe bolt using the supplied bracket and longer bolt.



6. Slide caliper (on mount) onto back of swingarm



3. Remove shipping wedge from the caliper



4. Install master cylinder on frame using supplied 6mm bolts.



7. Stick brake hose mounts onto swingarm. Be sure to clean the swingarm to insure that they stick properly.



8. Install rotor and sprocket on the rear hub. BBR recommends using a thread lock adhesive on all these bolts



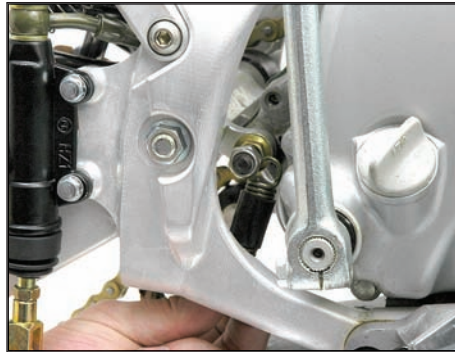
9. Install rear wheel. Use care to insure that the rotor slides between the brake pads and the wheel spacers stay in place.



10. Install brake pedal tip in desired location. BBR recommends using a thread lock here also.



11. Unsnap the clevis pin from the bottom of the brake reservoir.



12. Install the brake pedal spring on the top bolt mount.



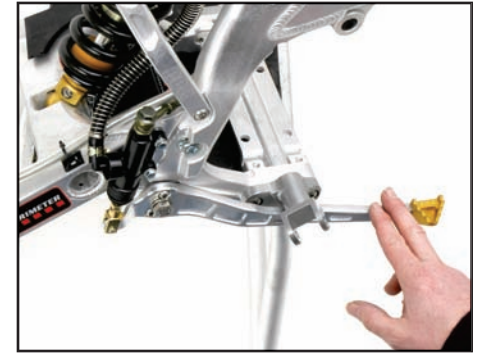
13. Install the brake pedal and hook the bottom end of the brake pedal spring on the pedal.



14. Adjust the clevis to line up with the brake pedal.



15. Install clevis pin from the back and snap into place



16. Push on brake pedal and check for proper operation.

Bleed Brakes: The brake system is shipped ready to use, but air may become trapped in the line during shipping. Use standard brake bleeding techniques as follows:



1. Remove the brake reservoir cap (as shown in the photo above) and be certain that the brake fluid is up.

2. Pump up the brake pedal until it feels firm. Continue holding pressure on the pedal while loosening the rear bleeder screw (on the caliper). You will feel the brake pedal move as fluid is released from the bleeder. Close the bleeder before releasing the brake pedal. To prevent a mess, you can attach a hose to the bleeder and route it to a small jar.

3. Make certain the reservoir still has fluid. Then repeat the process until the feel at the pedal is good.



Note: It is entirely the responsibility of the person doing the installation to insure that the brakes are operating correctly before the motorcycle is ridden.

