

WOODCRAFT CFMOTORSPORTS

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05-0137B Kawasaki Ninja ZX4RR Rearset Instruction Sheet

Thank you for selecting CFMOTORSPORTS rearsets. Please note that these components are intended and approved for **racing use only**. As such, the footpegs are solid-mount and provisions for brake light switch and brake pedal return spring are not provided with the kit.

- 1) Remove stock rearsets, footpegs and associated hardware. All components that are re-used in this kit should be cleaned and inspected for damage before re-installation.

IMPORTANT

Tighten all fasteners to factory specification or industry standard. FAILURE TO PROPERLY TIGHTEN ALL FASTENERS MAY CAUSE DAMAGE TO THE MOTORCYCLE, LOSS OF CONTROL AND SERIOUS INJURY OR DEATH

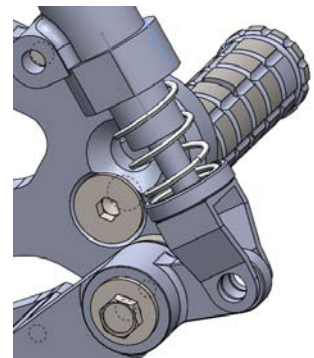
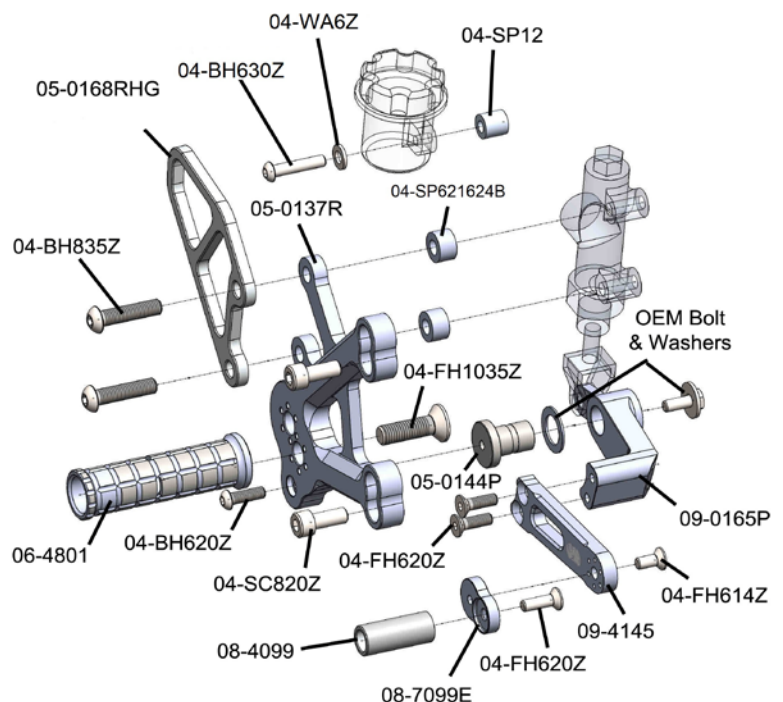
Brake Side Assembly Installation

IMPORTANT - Secure all bolts in this kit with BLUE LOCTITE.

- 1) Assemble the CFM brake pedal. You will set the final position of the pedal tip after Step 7.
- 2) Attach the CFM brake pin to the back of the bracket. Attach the brake pedal to the pin using the stock bolt & washers, as shown at the right. Be sure to apply quality waterproof grease to the sliding surface of the brake pin.
- 3) Bolt the brake bracket assembly loosely to the frame using the supplied 8x20mm bolts. You can experiment with different mounting locations for the bracket and footpeg until you find what is most comfortable.
- 4) Tighten the footpeg bolt and the main bracket mount bolts.
- 5) Bolt the master cylinder to the bracket using the supplied bolts. The bolts first go through the heel guard, then through the main bracket. There are spacers that need to be placed between the master cylinder and the back side of the bracket.
- 6) Attach the master cylinder to the brake pedal using the stock hardware and adjust the brake pedal to your desired height. Once finalized you can put blue loctite on the pedal bolts and secure the back of the pedal to the clevice using the OEM pin and cotter pin.

Optional: If you want a pedal return spring you can install Woodcraft part number 09-7125 between the base of the master cylinder and the clevice at this step. (shown at right)

- 7) Secure the rear brake reservoir to the bracket using the included hardware. From the outside in, the order of parts is the 6x30mm bolt, 6mm washer, reservoir and then the spacer.



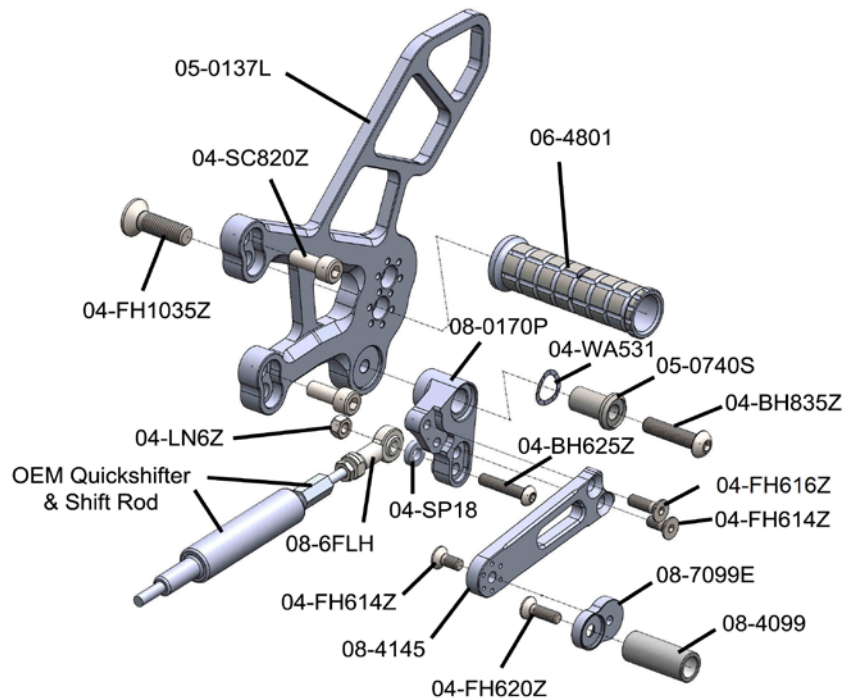
Shift Side Assembly Installation

IMPORTANT - Secure all bolts in this kit with BLUE LOCTITE.

- 1) Bolt the CFM footpeg to the bracket using the included 10mm hardware. Be sure to use the same location as you did on the brake side.
- 2) Assemble the CFM shift pedal. Attach the hiem joint to the back side of the pedal, placing the spacer between the hiem and the shift pivot, and secure it with the 6mm lock nut.

IMPORTANT: For a stock feel (which is what we suggest, as it ensures the best action with the factory quickshifter) be sure to use the bottom hole when you attach the hiem joint to the 08-0170P shift pivot.

- 3) Attach the shift lever to the bracket using the 8x35mm bolt, stainless spacer and wave washer as shown below. Be sure to generously apply quality waterproof grease to the sliding surface of the 05-0740S stainless sleeve to ensure smooth lever action. .
- 4) Bolt the main bracket to the same location as the brake side using the 8x20mm bolts.
- 5) Take the free flow nut off the OEM shift pedal and thread it on the hiem joint on the CFM pedal. Connect the OEM shift rod to the shift pedal and stock quickshifter by threading it on both parts simultaneously.
- 6) Orient the OEM shift knuckle (on the engine side) so that it is roughly 90 degrees to the shift rod.



GP Shift – Orient the knuckle in the UP position.

NOTE: You will need to re-flash the ECU for the OEM QS to work correctly in GP Shift.

Standard Shift – Orient the knuckle in the DOWN position (same as stock)

- 7) Adjust the pedal to the desired height using a combination of the eccentric toe piece on the shifter and the shift rod. Lock the shift rod in place with the OEM nuts and perform a final assembly of the pedal using Loctite.

BE SURE THAT ALL COMPONENTS OPERATE AND RETURN FREELY BEFORE USE

If you have any questions regarding installation, please feel free to contact us.

IMPORTANT

Installation and use of this product will change the response of the motorcycle to rider control inputs. Failure of the rider to adapt to these changes may result in a loss of control, and serious injury or death. Improper installation and/or failure to comply with all warnings and instructions may cause a loss of control and serious injury or death. **DO NOT INSTALL OR USE THIS PRODUCT IF YOU ARE UNABLE TO DO SO IN COMPLIANCE WITH ALL INSTRUCTIONS AND WARNINGS. SEEK THE ASSISTANCE OF A TRAINED PROFESSIONAL TECHNICIAN.** Installation of this product releases the Woodcraft Technologies, Inc. from all liabilities as to the use of this product. The user recognizes that any alteration or modification to any motorcycle may increase the risk of injury or accident and may also render the motorcycle illegal for public road use