WOODCRAFT CFMOTORSPORTS
**105 Baldwinville Rd**
**Winchendon, MA 01475**
**(978)297-2977**
**www.woodcraft-cfm.com**

# 05-0170 Kawasaki Ninja ZX10 2016 Rearset Instruction Sheet

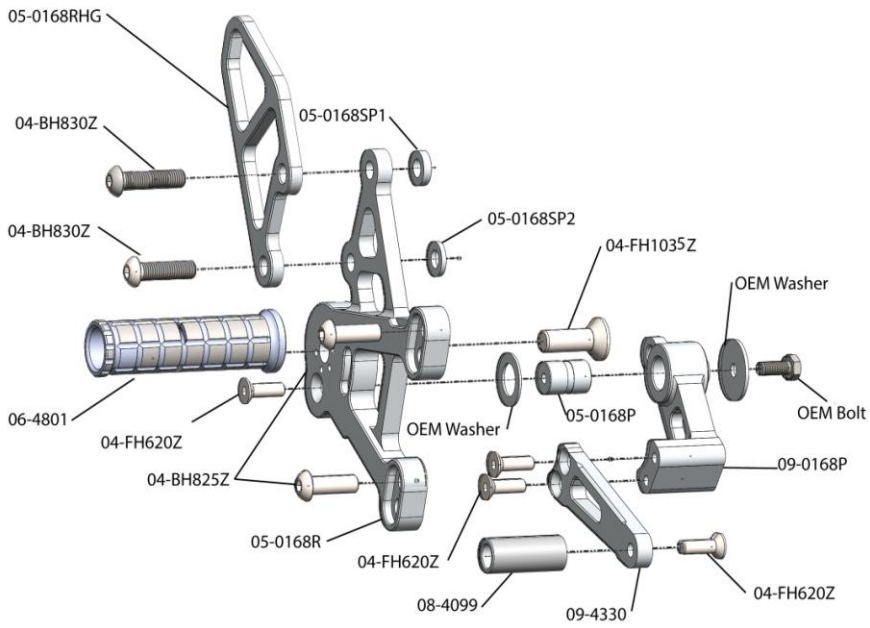
Thank you for selecting CFMotorsports rearsets. Please note that these components are intended and approved for **racing use only**. As such, the footpegs are solid-mount and provisions for brake light switches are not provided with the kit.

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**




1) Attach the CFM brake pin to the back of the bracket. Assemble the CFM brake pedal. IMPORTANT - Secure all bolts with BLUE LOCTITE. Attach the brake pedal to the pin using the stock bolt & washer, placing the spacer from the OEM rearsets between the pedal and the bracket. Be sure to apply quality waterproof grease to the pin.

2) Bolt the CFM footpeg loosely to the bracket using supplied 10mm bolt.

Woodcraft Recommendation: We have found many riders prefer the highest/furthest back peg position with the main bracket mounted in the low position (upper hole)

3) Bolt the brake bracket assembly loosely to the frame using the supplied 8x25mm 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. IMPORTANT - Secure the footpeg bolt completely with BLUE LOCTITE.

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 **- the thicker spacer is used in the upper hole**.

6) Attach the master cylinder to the brake pedal using the stock hardware and adjust the stock brake pedal to your desired height.

**Shift Side Assembly Installation**

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. IMPORTANT - Secure the bolt with completely with BLUE LOCTITE.

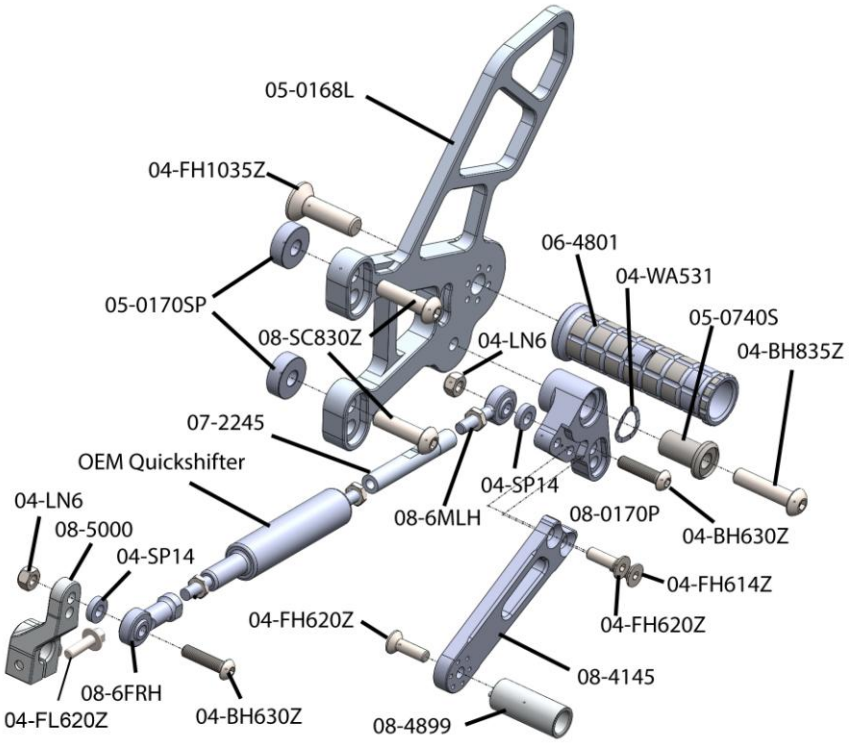
2) Assemble the CFM shift pedal. IMPORTANT - Secure bolts with BLUE LOCTITE. Attach the hiem joint to the back side of the pedal, placing the spacer between the hiem and the shift pivot, and secure it with the 6mm lock nut.

**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 08-0170 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. IMPORTANT - Secure the bolt with BLUE LOCTITE.

4) Bolt the main bracket to the same location as the brake side using the 8x30mm bolts. Please the included spacers between the frame and the bracket.

5) Take the nut off the OEM shift pedal and thread it on the hiem joint on the CFM pedal. Connect the supplied 07-2245 shift rod to the shift pedal and stock quickshifter by threading it on both parts simultaneously.




6) Remove the OEM shift knuckle and replace it with the ZX10 GP shift knuckle.

**IMPORTANT** –Use the **upper** hole when assembling the 08-6FRH hiem joint to the 08-5000 knuckle for a stock feel.

**GP Shift** – Orient the knuckle in the UP position. NOTE: You will need to re-flash the ECU for GP shift
**Standard Shift** – Orient the knuckle in the DOWN position

7) As you select the proper spline for the knuckle and adjust the pedal height with the shift rod, be sure that the shift rod makes about a 90 degree angle with the stock shift spline and with the shift pedal. With the pedal to the desired height, lock the shift rod in place with nuts on both sides of the rod.

**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