

WOODCRAFT CFMOTORSPORTS

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05-0144 Kawasaki Ninja 400 Rearset Instruction Sheet – Racing Use Only

Thank you for selecting CFMOTORSPORTS rearsets. The components you have just purchased for your motorcycle are designed to improve the ground clearance, crash worthiness and overall good looks of your motorcycle. 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 and brake pedal return springs are generally not provided.

Remove stock rearsets, footpegs and associated hardware. The kickstand bracket assembly can be optionally removed. Woodcraft makes an kickstand elimination bracket (05-0144KSM) that will save weight on race applications. All components that are re-used in this kit should be cleaned and inspected for damage before re-installation.

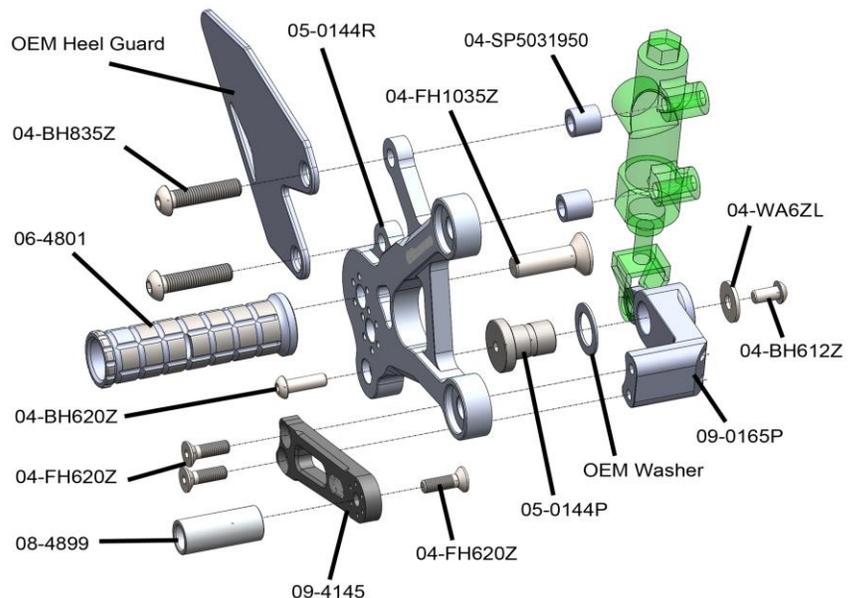
IMPORTANT

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 step with BLUE LOCTITE.

- 1) Assemble the CFM brake pedal. Bolt the pivot (09-0165P), shaft (09-4145) and tip (08-4899) together with the included bolts. Leave the pedal tip finger tight at this point as you will likely adjust the position after fitting the footpeg.
- 2) Decide on your foot peg position and then bolt the CFM footpeg (06-4801) bracket using the included 04-FH1035Z hardware.
- 3) Bolt the brake pedal to the back side of the bracket using the 04-BH620Z bolt, OEM washer and 05-0144P pin. Be sure to apply a generous amount of waterproof grease on the surface of the pin. Secure the pedal using the 04-BH612Z bolt and 04-WA6ZL.
- 4) Attach the master cylinder to the bracket using the 04-BH835Z hardware, OEM heel guard and spacers as shown above. Connect the brake pedal to the master cylinder clevice using the OEM pin and clip.
- 5) Adjust the brake pedal to the desired height using a combination of the adjustable tip the OEM adjustment threads at the base of the master cylinder. After selecting your position, tighten all of this hardware.
- 6) Secure the RH Bracket to the frame using the OEM hardware.

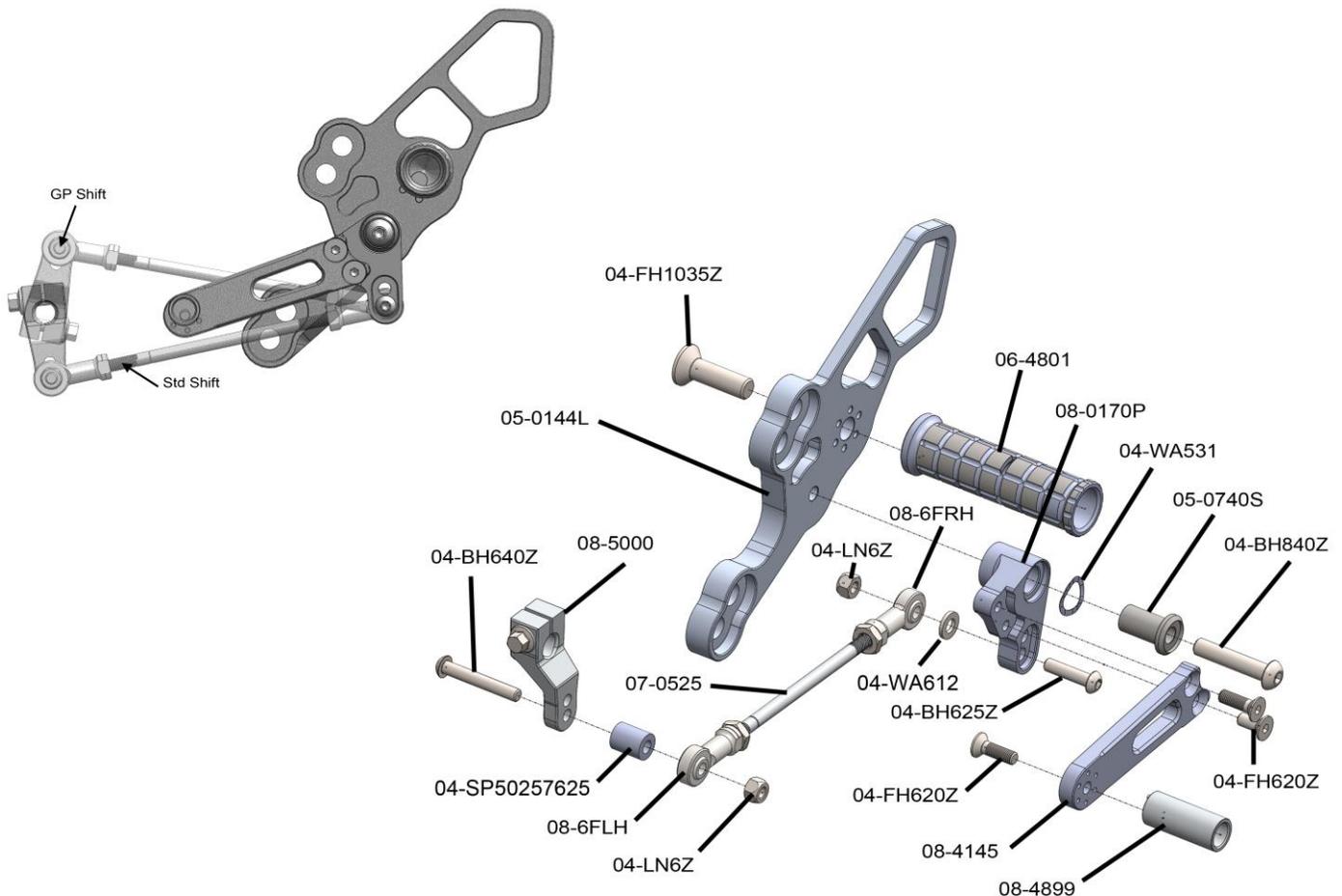


Optional: Brake light switches and brake pedal return springs are optional for this kit. Woodcraft offers both of these parts, and the Kawasaki Ninja 400 uses the 03-0100 coarse brake light switch and the 09-7125 brake pedal spring.

Shift Side Assembly Installation

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

- 1) Remove the gear change actuator and replace it with the Woodcraft 08-5000 arm and pinch bolt. The actuator must be rotated so that it is 90 degrees to the shift rod (see photo below for standard or GP shift orientation). Attach the (08-6FLH) heim joint to the arm using the 04-BH640Z bolt, spacer and 04-LN6Z as shown below.
- 2) Assemble the shift pivot (08-0170P), shaft (08-4145) and tip (08-4899) with the included bolts.
- 3) Attach the heim joint (08-6FRH) to the (08-0170P) pivot with the bolt, spacer and nut as shown below.
- 4) Bolt the CFM footpeg (06-4801) to the bracket (05-0144L) using the included 10mm hardware. Be sure to use the same eccentric position as you did on the right side.
- 5) Bolt the CFM left bracket to the frame using the OEM hardware. **Note:** If you used the UPPER hole for the peg on the right side, you should bolt the LHS bracket to the frame using the LOWER hole. If you used the LOWER hole on the right, then you should bolt the left side to the motorcycle using the UPPER hole.
- 6) Bolt the shift pedal to the bracket using the 04-SC640Z hardware. Note that the 05-0740S sleeve and 04-WA531 wave washer are used as shown. Be sure to generously apply quality waterproof grease to the sliding surface of the sleeve to ensure smooth lever operation.
- 7) Attach the shift rod (07-0525) simultaneously to the shift pedal and gear change actuator. The rod and actuator should be oriented so that they are approximately 90 degrees to each other. Rotate the rod until the desired pedal height is achieved. Lock the rod in place with the 6mm nuts and then make a final adjustment to the 08-4899 pedal tip.



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.**