WOODCRAFT CFMOTORSPORTS
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05-0305/306 Honda Grom Rearset Instruction Sheet – Racing Use Only

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) Bolt the CFM footpeg to the bracket using the included 10mm hardware. IMPORTANT - Secure with LOCTITE after you have selected your final choice for position.

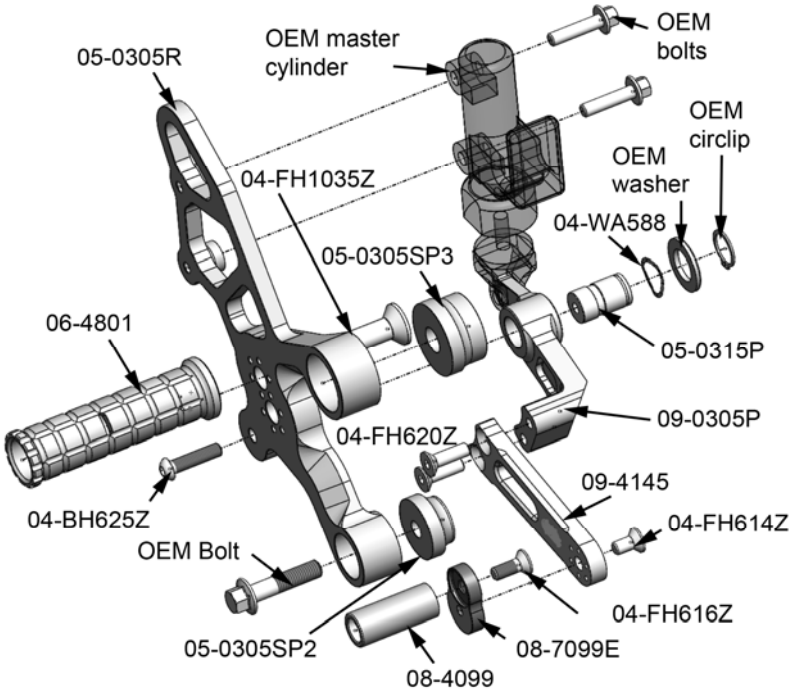
2) Attach the CFM brake pin to the back of the bracket. IMPORTANT - Secure the bolt with LOCTITE .

3) Assemble the main shaft to the CFM brake pedal. IMPORTANT - Secure all bolts with LOCTITE. Attach the brake pedal to the pin using the stock circlip, washer and the supplied wave washer. Be sure to apply quality waterproof grease to the surface of the pin.

4) Bolt the master cylinder to the bracket using the OEM bolts. Attach the master cylinder to the brake pedal using the stock hardware and adjust the stock brake pedal to your desired height using the eccentric offset plate and the OEM adjuster at the base of the master cylinder. IMPORTANT - Secure with LOCTITE after you have selected your final choice for position.

5) Bolt the brake bracket assembly to the frame, placing the included spacers between the brackets and the frame. The swingarm pivot bolt and OEM lower mounting bolts are re-used. NOTE: **There is an OEM washer that must be re-used between the upper spacer and the swingarm pivot.**

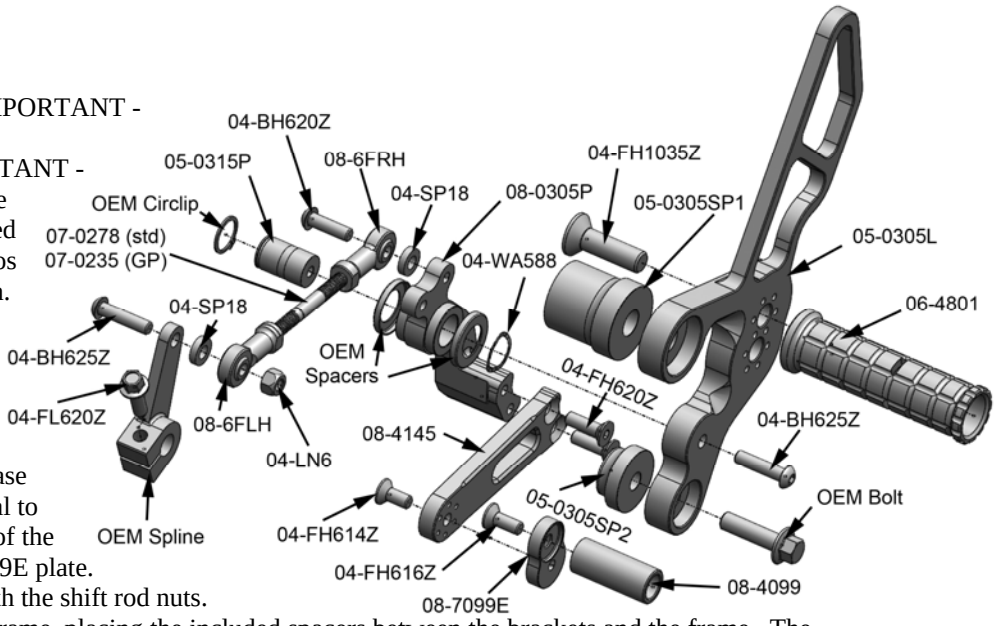
NOTE: If you want to retain the OEM brake light function or to have a pedal return spring (not required for racing applications) Woodcraft has both of these parts available. The model uses the 03-0100 brake light switch and the 09-7125 brake return spring.





Shift Side Assembly Installation

1) Bolt the CFM footpeg to the bracket using the included 10mm hardware. IMPORTANT - Secure bolt with LOCTITE.
2) Assemble the CFM shift pedal IMPORTANT - Secure bolts with LOCTITE. Attach the hiem joint to the pedal using the included hardware and spacer. Refer to the photos below for the GP or Std shift orientation.
3) Assemble the main shaft to the CFM shift pedal. IMPORTANT - Secure all bolts with LOCTITE. Attach the pedal to the pin using the stock circlip, washers and the supplied wave washer. Be sure to apply quality waterproof grease to the surface of the pin. Bring the pedal to the desired height using a combination of the OEM shift rod and the eccentric 08-7099E plate. Be sure to lock the shift rod in place with the shift rod nuts.



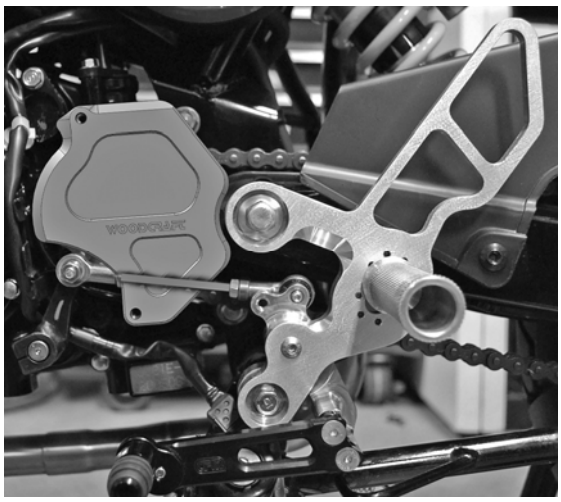
4) Bolt the brake bracket assembly to the frame, placing the included spacers between the brackets and the frame. The swingarm pivot bolt and OEM lower mounting bolts are re-used. NOTE: **There is an OEM washer that must be re-used between the upper spacer and the swingarm pivot.**

BE SURE THAT ALL COMPONENTS OPERATE AND RETURN FREELY BEFORE USE

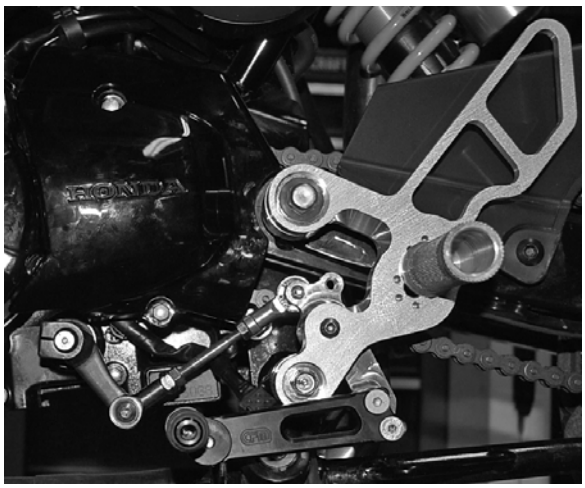
If you have any questions regarding installation, please feel free to contact us.

Standard Shift - Important Notes: For Standard shift, you need to orient the arm on the engine exactly as shown below. The OEM sprocket cover must be removed, and the Woodcraft sprocket cover should be used in it's place. You must also secure the wire for the kick stand switch with some zip ties to insure that it does not interfere with the shift arm or chain. When installing the shift arm, there is very little clearance between the arm and the engine cover. The 6x20 hex head bolt needs to be partially installed in the arm as it is slid over the spline, and then can be fully tightened after the arm is pushed in place.

Standard Shift (with sprocket cover)



GP Shift



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