

WOODCRAFT CFMOTORSPORTS

105 Baldwinville Rd
Winchendon, MA 01475
(978)297-2977

www.woodcraft-cfm.com

05-0308B STD Shift Honda GromRearset 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. **BE AWARE** that the main swingarm pivot needs to be removed and the rear of the bike will need to be stabilized in order to install the Woodcraft rearsets.

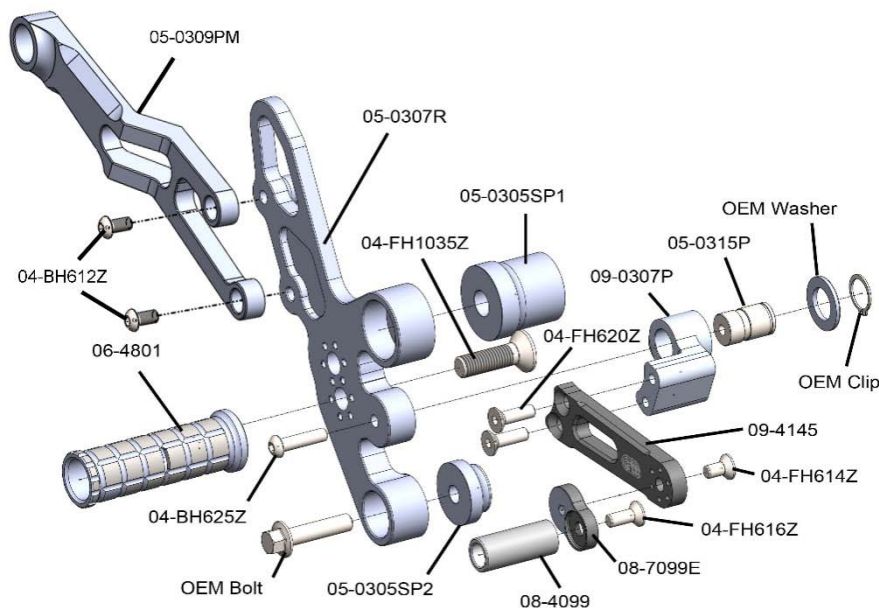
IMPORTANT

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 with a fresh bottle of Blue Loctite.

- 1) Bolt the 06-4801 footpeg to the bracket using the included 10mm hardware. Secure with final torque after you have selected your final choice for position.
- 2) Attach the 05-0315P brake pin to the back of the bracket with supplied bolt/
- 3) Assemble the 09-4145 shaft to the
- 4) 09-0307P brake pivot. Attach the brake pedal to the pin using the stock circlip, washer and the 04-WA588 wave washer. Be sure to apply quality waterproof grease to the surface of the pin.
- 5) Bolt the master cylinder to the 05-0307R bracket using the OEM bolts. These bolts come in from the back side and thread into the bracket. 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. After you have selected your final choice for position secure the bolt with a final torque.
- 6) 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.**
- 7) Bolt the 05-0309PM Pipe mount to the 05-0307R bracket using the included 04-SC612Z hardware. Remove the stock rubber grommets and washers and install them in the billet bracket. Your exhaust will mount to the CFM bracket in the same manner that it was secured to the stock rearsets.

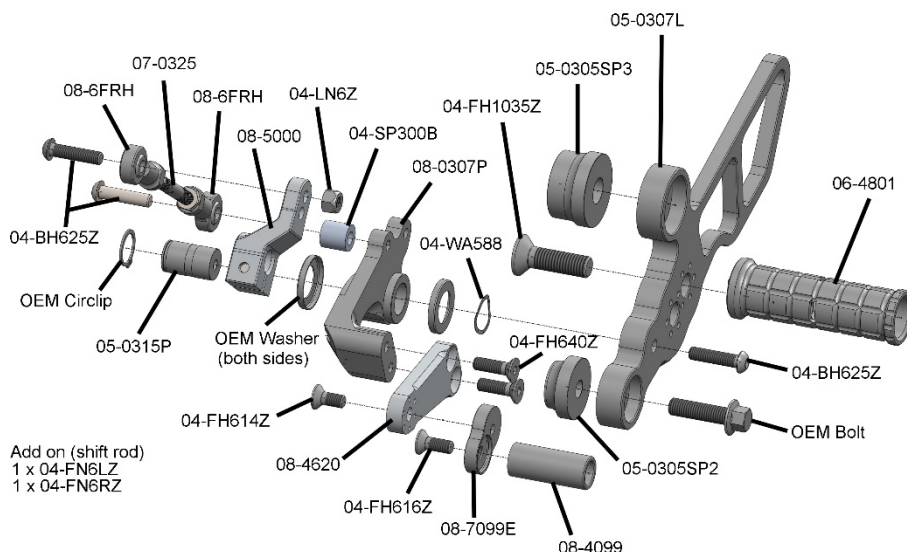


NOTE: If you want to retain the OEM brake light function or to have a pedal return spring (not required for racing applications) Woodcraft has both of these parts available. The model uses the 03-0100 brake light switch and the 09-7125 brake return spring.

Shift Side Assembly Installation – Standard Shift

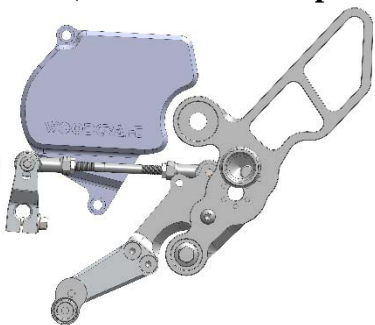
IMPORTANT - Secure all bolts with a fresh bottle of Blue Loctite.

- 1) Bolt the 06-4801 footpeg to the bracket using the included 10mm hardware.
- 2) Assemble the CFM shift pedal. Attach the heim joint to the pedal using the included hardware and spacer. Refer to the photos below for the Std shift orientation for both the shift arm and the placement of the 08-6FRH heim joint. NOTE: For standard shift the OEM sprocket cover must be replaced with our billet cover (05-0308SC).
- 3) Assemble the 08-4620 shaft to the 08-0307P shift pivot. 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.
- 4) Bolt the left 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.
- 5) Bring the pedal to the desired height using a combination of the OEM shift rod and the eccentric 08-7099E plate. When finished, lock the shift rod in place with both nuts and secure the toe peg bolt with a final torque.



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 its place. You must also secure the wire for the kick stand switch with some zip ties to ensure it does not interfere with the shift arm or chain, there is very little clearance between the arm and the engine cover. When installing the shift arm, position the shift knuckle and heim joint as shown below. 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 60-0308SC sprocket cover)



Shift knuckle / heim joint assembly



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.

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05-0309BGP Shift Honda GromRearset 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. **BE AWARE** that the main swingarm pivot needs to be removed and the rear of the bike will need to be stabilized in order to install the Woodcraft rearsets.

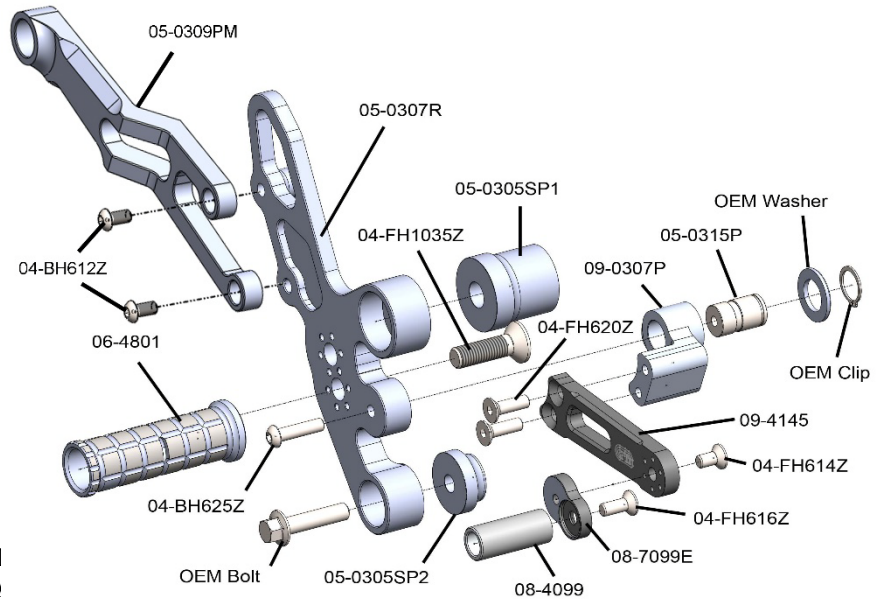
IMPORTANT

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 with a fresh bottle of Blue Loctite.

- 1) Bolt the 06-4801 footpeg to the bracket using the included 10mm hardware. Secure with final torque after you have selected your final choice for position.
- 2) Attach the 05-0315P brake pin to the back of the bracket.
- 3) Assemble the 09-4145 shaft to the
- 4) 09-0307P brake pivot. Attach the brake pedal to the pin using the stockcirclip, washer and the 04-WA588 wave washer. Be sure to apply quality waterproof grease to the surface of the pin.
- 5) Bolt the master cylinder to the 05-0307R bracket using the OEM bolts. These bolts come in from the back side and thread into the bracket. Attach the master cylinder to the brake pedal using the stock hardware and adjust the stock bral adjuster at the base of the master cylinder. A final torque.
- 6) 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.**
- 7) Bolt the 05-0309PM Pipe mount to the 05-0307R bracket using the included 04-SC612Z hardware. Remove the stock rubber grommets and washers and install them in the billet bracket. Your exhaust will mount to the CFM bracket in the same manner that it was secured to the stock rearsets.



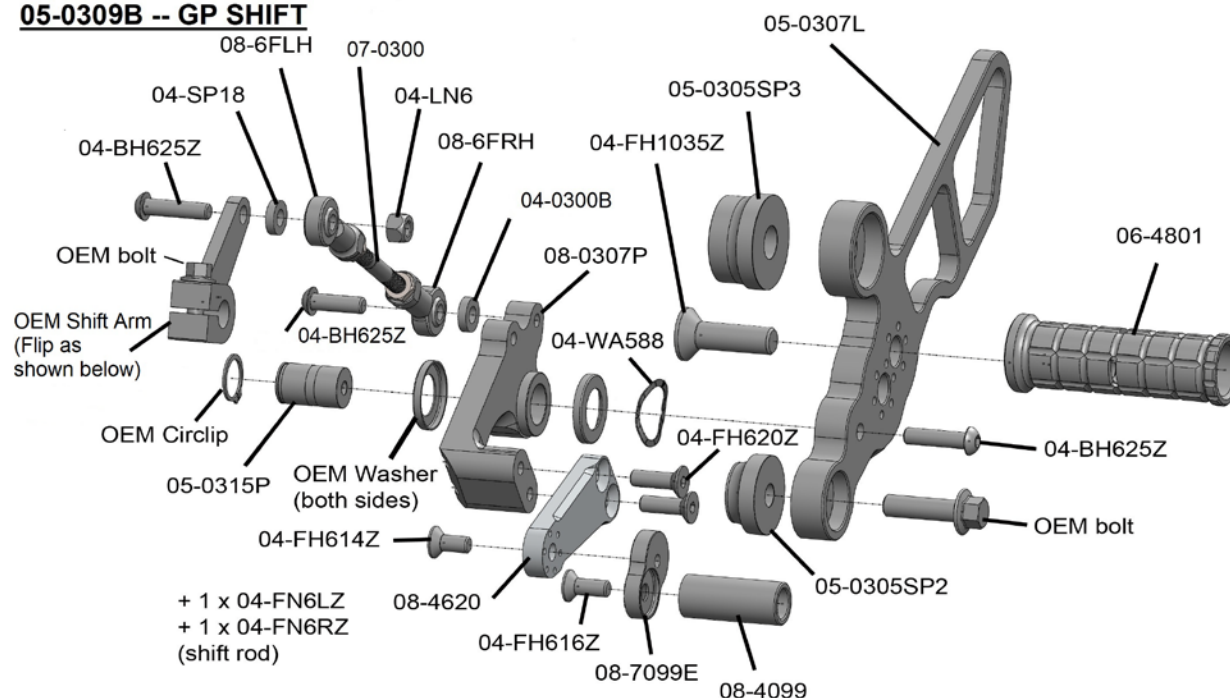
NOTE: If you want to retain the OEM brake light function or to have a pedal return spring (not required for racing applications) Woodcraft has both of these parts available. The model uses the 03-0100 brake light switch and the 09-7125 brake return spring

Shift Side Assembly Installation – GP Shift

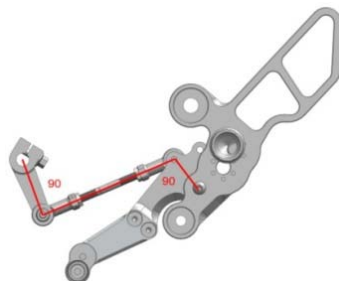
IMPORTANT - Secure all bolts with a fresh bottle of Blue Loctite.

- 1) Bolt the 06-4801 footpeg to the bracket using the included 10mm hardware.
- 2) Assemble the CFM shift pedal. Attach the heim joint to the pedal using the included hardware and spacer. Refer to the photos below for the GP shift orientation for both the shift arm and the placement of the 08-6FRH heim joint
- 3) Assemble the 08-4620 shaft to the 08-0307P shift pivot. 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.
- 4) Bolt the left 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.**
- 5) Bring the pedal to the desired height using a combination of the OEM shift rod and the eccentric 08-7099E plate. When finished, lock the shift rod in place with both nuts and secure the toe peg bolt with a final torque.

05-0309B -- GP SHIFT



GP Shift Knuckle Orientation



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.