

WOODCRAFT CFMOTORSPORTS

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Honda CBR250R Rearset Instruction Sheet – Racing Use Only

Thank you for selecting CFMOTORSPORTS rearsets by Woodcraft. 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 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. You must use also Threadlocking compound in ALL instances where it is directed below. **FAILURE TO PROPERLY TIGHTEN ALL FASTENERS OR USE THREADLOCKING COMPOUND MAY CAUSE DAMAGE TO THE MOTORCYCLE, LOSS OF CONTROL AND SERIOUS INJURY OR DEATH.**

Shift Side Assembly Installation

- 1) Bolt the CFM footpeg (6) to the bracket (1) using the included 10mm hardware (13). Rotate the eccentric to the desired foot position and note the hole location – be sure to put both pegs in the same location. **IMPORTANT** – Once you have determined the final location, secure the footpeg bolt with **threadlocking compound**.
- 2) **SHIFT PEDAL:** Assemble the shaft (3) to the shift pivot (2) using **threadlocking compound** and the 6 x 20mm flat head bolts (14).

Note for OEM pedal use: the OEM shift pedal can only be used for standard shift

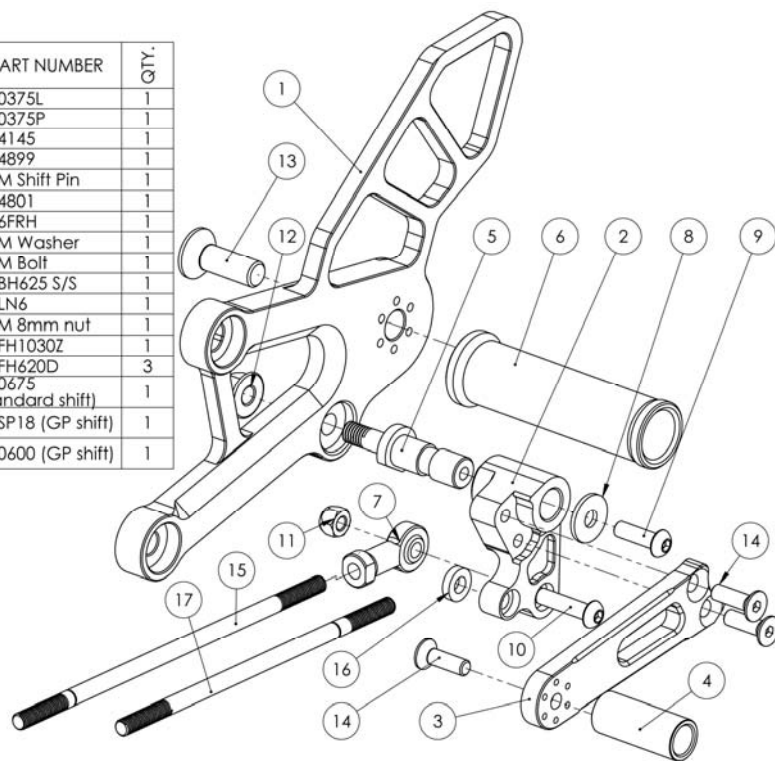
Standard Shift - CFM Pedal

Tighten the heim joint (7) on the pivot (2) in the rear hole (shown) using the bolt (10) and nut (11). Spacer (16) is not used.

GP Shift - CFM Pedal

Tighten the heim joint on the bottom of the pivot in the front hole using the bolt (10) and locknut (11), ensuring that the 1/8" spacer (16) is between the heim joint and the inside of the pedal.

ITEM NO.	PART NUMBER	QTY.
1	05-0375L	1
2	08-0375P	1
3	08-4145	1
4	08-4899	1
5	OEM Shift Pin	1
6	06-4801	1
7	08-6FRH	1
8	OEM Washer	1
9	OEM Bolt	1
10	04-BH625 S/S	1
11	04-LN6	1
12	OEM 8mm nut	1
13	04-FH1030Z	1
14	04-FH620D	3
15	07-0675 (standard shift)	1
16	04-SP18 (GP shift)	1
17	07-0600 (GP shift)	1



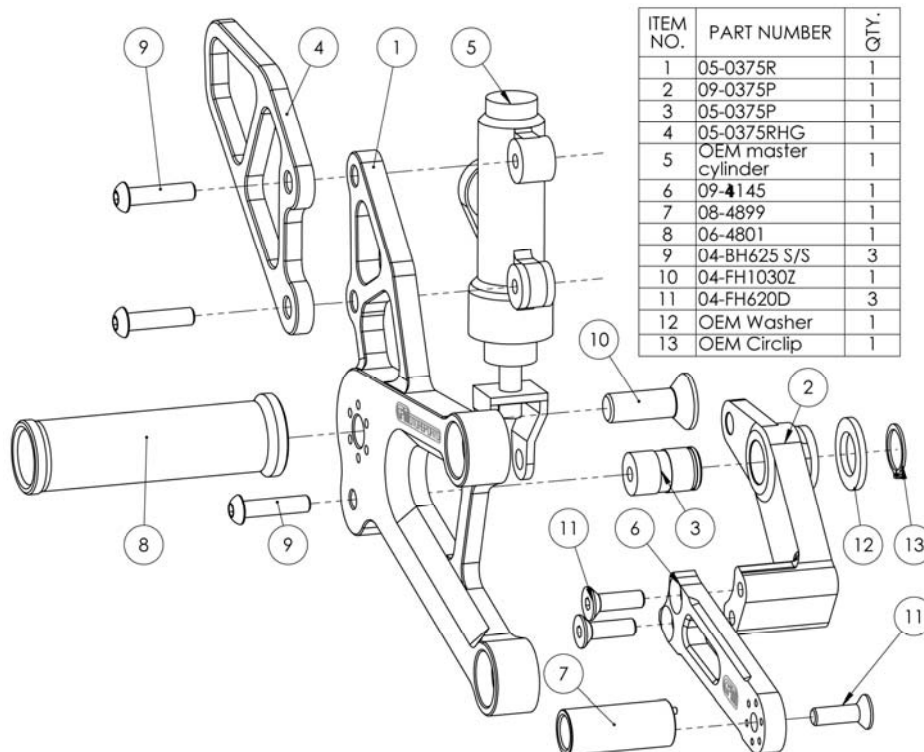
- 3) Bolt the OEM Shift Pin (5) using the OEM nut (12) on the back side of the bracket and the OEM washer (8) and bolt (9) on the front side. Be sure to generously apply quality waterproof grease to the sliding surface of the pivot pin to ensure smooth lever operation. **IMPORTANT:** Secure the bolt (9) with **threadlocking compound**.
- 4) Bolt the shift bracket assembly to the frame using the OEM bolts.
- 5) Standard shift uses a 6.75 inch shift rod (shown), GP shift uses a 6 inch shift rod (17). After installing the main bracket, check to see that the shift arm on the engine is perpendicular to the shift rod. **THIS IS VERY IMPORTANT.** For GP shift you will need to rotate nearly 180 degrees from the stock position and remove the sprocket cover. Once it is in place tighten the pinch bolt at the bottom of the knuckle.



- 6) Using a combination of the eccentric toe peg (4) and the shift rod (15) adjustment, bring the shift pedal to your desired height. Be sure to tighten both lock nuts on the shift rod. Adjust the lever tip to the position where the distance from the peg to the lever tip is most comfortable and then secure the pedal tip with **threadlocking compound (IMPORTANT)**.

Brake Side Assembly Installation

- 1) Bolt the CFM footpeg (8) to the bracket (1) using the included 10mm hardware (10). **IMPORTANT** - Secure bolt with **threadlocking compound**. Rotate the eccentric to the same location as the shift side.
- 2) Bolt the brake pedal pin (3) to the back side of the bracket using the 6x25 bolt (9). **IMPORTANT** - Secure bolt with **threadlocking compound**.
- 3) Assemble the pivot (2), main shaft (6) and pedal tip (7) of the CFM brake pedal using a **threadlocking compound** on all of the bolts. Adjust the pedal height for comfort.
- 4) Install the brake pedal to the backside of the bracket using the OEM washer (12) and OEM circlip (13). Be sure to generously apply quality waterproof grease to the sliding surface of the pivot in order to ensure smooth lever operation.



- 5) Bolt the heel guard (4) and master cylinder (5) in place using the 6x25mm button head bolts (9). The master cylinder sits directly against the back side of the bracket.
- 6) Attach the master cylinder clevice to the brake pedal using the OEM brake pin (not shown).
- 7) Bolt the brake bracket assembly to the frame using the OEM hardware

Riders who wish to retain the functionality of the brake light should order the coarse thread brake switch 03-0100 from Woodcraft. There is an optional brake return spring (not required) for this kit as well, part number 07-7125.

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 PROFESSIONAL TECHNICIAN.**