

# WOODCRAFT CFMOTORSPORTS

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

## BMW S1000RR Rearset Instruction Sheet : 05-0750

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 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.

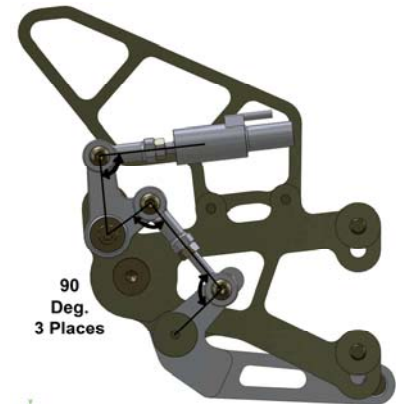
### IMPORTANT

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.**

#### GP Shift Linkage Setup (Top Hole)

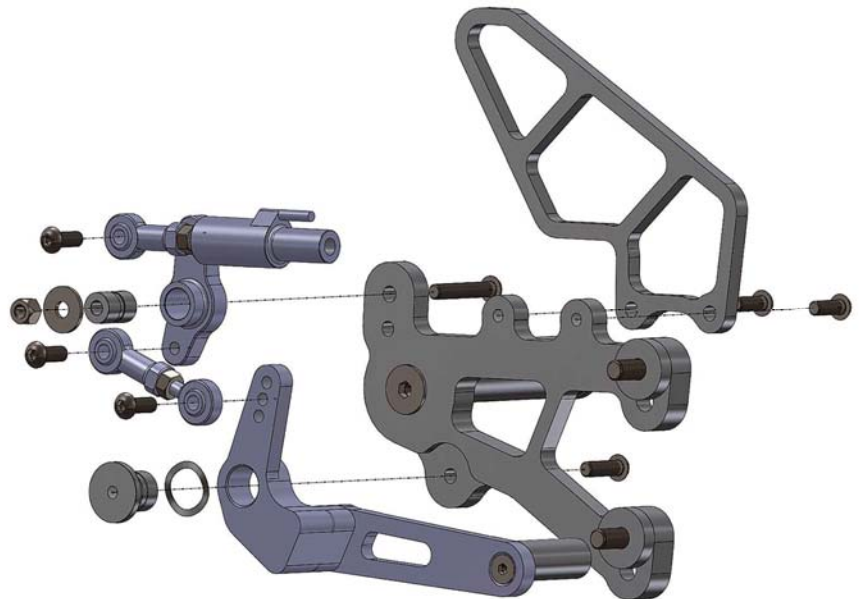


#### Standard Shift Linkage Setup (Bottom Hole)



#### Shift Side Assembly Installation

- 1) Bolt the CFM footpeg to the bracket using the included 10mm hardware. **IMPORTANT** – Once you have determined the final location, secure the footpeg bolt with **threadlocking compound**. Rotate the eccentric to the desired foot position and note the hole location – be sure to put both pegs in the same location. You may select the upper or lower bracket mounting hole when attaching the main bracket to the frame.
- 2) Assemble the CFM shaft to the shift pivot using a **threadlocking compound**. Bolt the pedal tip to the shaft. Once you have determined the final pedal tip location secure the bolt with **threadlocking compound**.
- 3) Bolt the shift pedal to the bracket using the CFM shift pivot pin, wave washer and 6x20mm bolt. Place the wave washer between the backside of the bracket and the shift pedal. Be sure to generously apply quality waterproof grease to the sliding surface of the pivot pin to ensure smooth lever operation. Secure the bolt with **threadlocking compound**.
- 4) Secure the standard or GP link and pivot to the back side of the bracket. The pivot (the stainless steel part) should be coated with a quality waterproof grease before assembly. **GP shift link is mounted in the upper hole, standard shift link is mounted in the lower hole.** The small protrusion on both links will point towards the bracket. Secure the assembly with the 6x35mm bolt, using the supplied locknut (the bolt comes in from the outside with the nut on the inside).
- 5) Bolt the hiem joints to the inside surface of both the pedal and link as shown in the picture above. **VERY IMPORTANT:** The shifter, link, and hiem joints should all be oriented **90 degrees to each other (VERY IMPORTANT)**. As a starting point, the



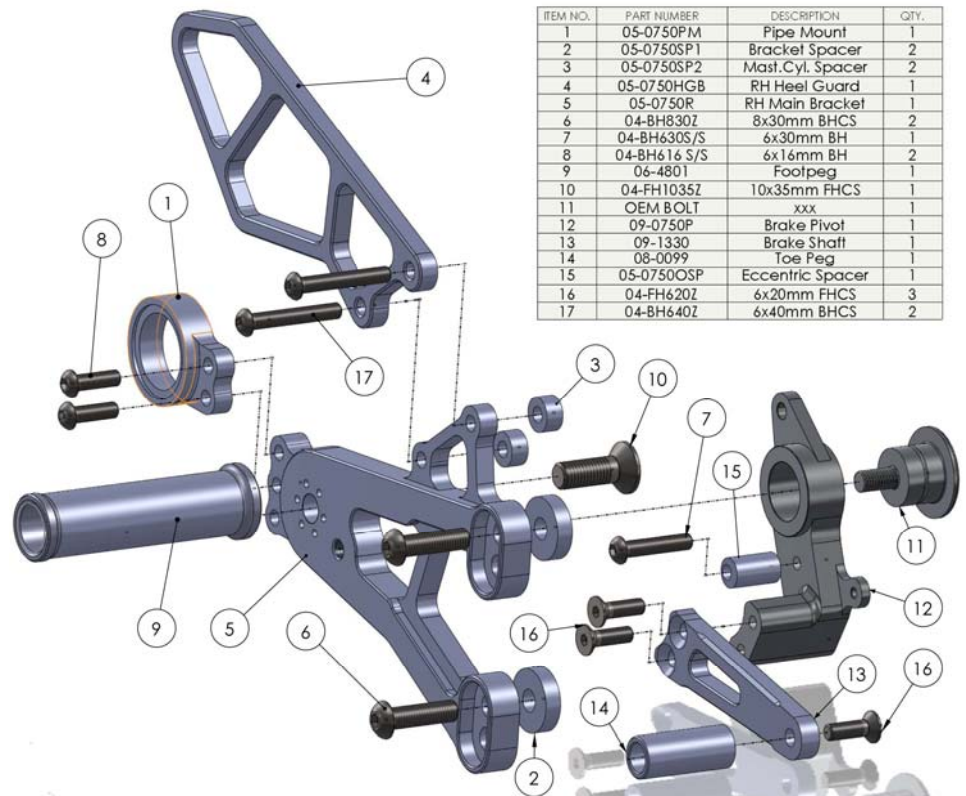
pair of hiem joints used to make the link should be set to 2.1 inches for GP shift and 2.3 inches for standard shift. Once you have found the correct length for your setup, lock the hiem joints in place with the nut. For final assembly secure the bolts using **threadlocking compound**.

**LEVERAGE:** Placing the hiem joint in the **center** of the 3 shift pivot holes creates the same lever action as OEM. This has proven to be the best setting for 90% of the riders who use this kit.

- 6) Install the OEM shift rod on the inside of the shift link as shown on page 1 with a 6x16mm bolt. Secure the bolt using **threadlocking compound**.
- 7) Bolt the shift bracket assembly to the frame using the 8mm bolts, placing the black spacers **between** the bracket and the frame.
- 8) Using the eccentric toe peg and the OEM shift rod adjustment, bring the shift pedal to your desired height. Adjust the lever tip to fine tune this distance and then secure the tip with **threadlocking compound**.
- 9) Our rearsets will work with either the OEM or CFM heel guards. For final assembly secure the heel guards with 6x16mm bolts using **threadlocking compound**.

## Brake Side Assembly Installation

- 1) Bolt the CFM footpeg to the bracket using the included 10mm hardware. **IMPORTANT** - Secure bolt with **threadlocking compound**. Rotate the eccentric to the same location as the shift side.
- 2) Assemble the CFM brake pedal using a **threadlocking compound** on all of the bolts. Install the brake pedal to the backside of the bracket using the OEM pedal pivot and bolt. Be sure to generously apply quality waterproof grease to the sliding surface of the pivot in order to ensure smooth lever operation. Secure the bolt with **threadlocking compound**.
- 3) Bolt the master cylinder, spacers, heel guard and pedal spring return plate in place using the 6x40mm bolts and locknuts included. The spacers go between the master cylinder and the bracket. The OEM return plate goes inside the master cylinder. Attach the master cylinder clevice to the brake pedal using the OEM brake pin. The pin should be oriented so that the cotter pin and washer are on the inside. With the pedal return plate installed, you can attach the OEM return spring.
- 4) Bolt the brake bracket **loosely** to the frame using the supplied 8x30mm hardware, placing the included spacers between the bracket and the frame.
- 5) Install the OEM BMW rubber exhaust damper, inner spacer and outer spacer in the CFM exhaust mount. A small amount of grease can help this procedure. Install the 8x30mm main exhaust bolt and the two 6x16mm bracket mount bolts finger tight. Next, fully tighten the main bracket mounting bolts and the exhaust mount bolt. Finally, remove the 2 small exhaust bracket mounts one at a time and secure them both for final assembly with **threadlocking compound**.



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	05-0750PM	Pipe Mount	1
2	05-0750SP1	Bracket Spacer	2
3	05-0750SP2	Mast.Cyl. Spacer	2
4	05-0750HGB	RH Heel Guard	1
5	05-0750R	RH Main Bracket	1
6	04-BH830Z	8x30mm BHCS	2
7	04-BH630S/S	6x30mm BH	1
8	04-BH616 S/S	6x16mm BH	2
9	06-4801	Footpeg	1
10	04-FH1035Z	10x35mm FHCS	1
11	OEM BOLT	xxx	1
12	09-0750P	Brake Pivot	1
13	09-1330	Brake Shaft	1
14	08-0099	Toe Peg	1
15	05-0750OSP	Eccentric Spacer	1
16	04-FH620Z	6x20mm FHCS	3
17	04-BH640Z	6x40mm BHCS	2

**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.**