IN05-652 rev 10/21

WOODCRAFT CFMOTORSPORTS
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Ducati 821 Hypermotard 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 are not provided. If you would like a brake light switch, this bikes uses Woodcraft part number 03-0105.

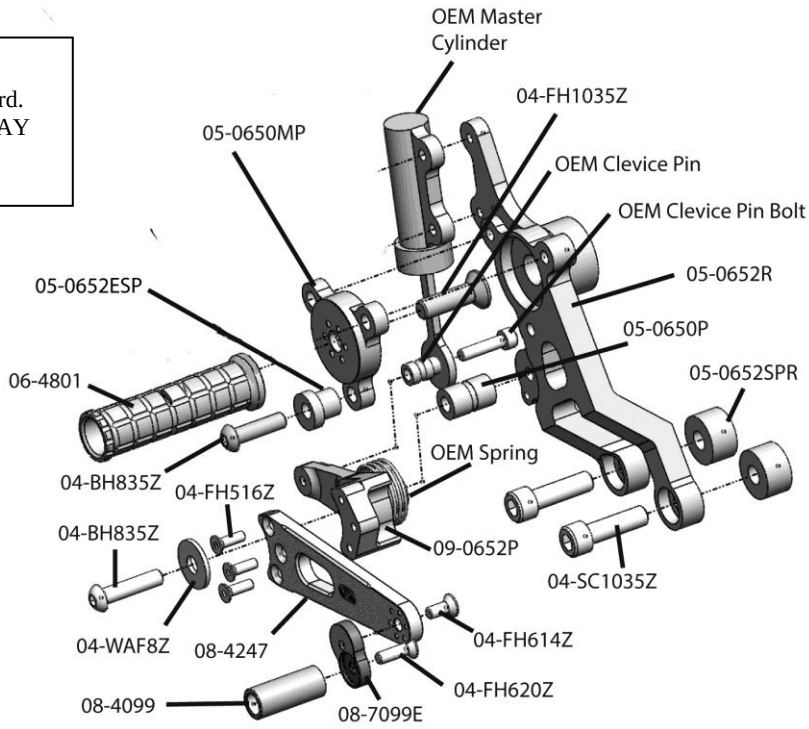
1) Remove stock rearsets, footpegs and associated hardware. All components that are re-used in this kit should be cleaned and inspected for damage before re-installation.

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) Assemble the pedal before installation **using BLUE LOCTITE on the all bolts** when you locate your desired position for the eccentric.

2) Install the right side bracket on the frame. Slide the bracket over the swingarm pivot. Next slide the 10 x 35 mm lower bolts through the bracket, spacers and OEM exhaust mount and tighten them finger tight. Install the large Aluminum OEM pivot bolt (do not use the OEM washer) through the upper mount and torque to OEM specifications. Finally, tighten the lower 04-SC1035Z bolts.



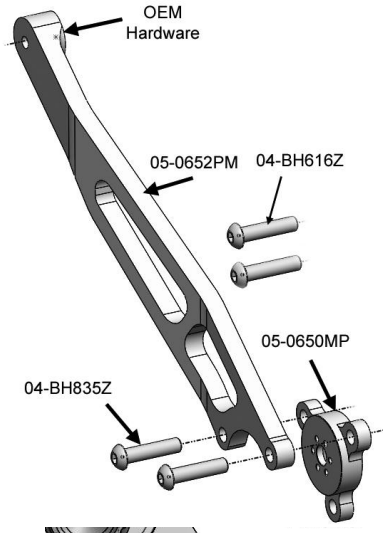
3) Attach the footpeg to the mount plate (05-0650MP) using the 04-FH1035Z bolt. Attach the mount plate to the 05-0652R bracket using the three 8mm button head bolts. Adjust the peg in the eccentric until you find the position that is comfortable for you. Then, remove the mount plate and **secure the footpeg bolt with BLUE LOCTITE (IMPORTANT)** before final assembly.

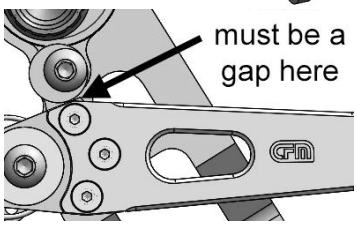
4) Secure the 05-0650MP to the main bracket. The two upper bolts are used to also mount the pipe mount bracket. Upon final assembly, 8mm bolts used in this step **must be secured with Loctite**.

5) Attach the master cylinder to the bracket using the 6mm button head bolts.

6) Install the CFM brake pedal in place using the 8mm bolt, flat washer, 05-0650P pivot pin and the OEM return spring. Be sure to use quality waterproof grease on the pin. **IMPORTANT - Secure the pivot bolt with BLUE LOCTITE.**

7) Attach the brake pedal to the master cylinder using the OEM clevice pin and bolt. Adjust the pedal to your desired height using a combination of the threads on the clevice and the eccentric toe peg. **IMPORTANT - Secure the toe peg bolt with BLUE LOCTITE.**





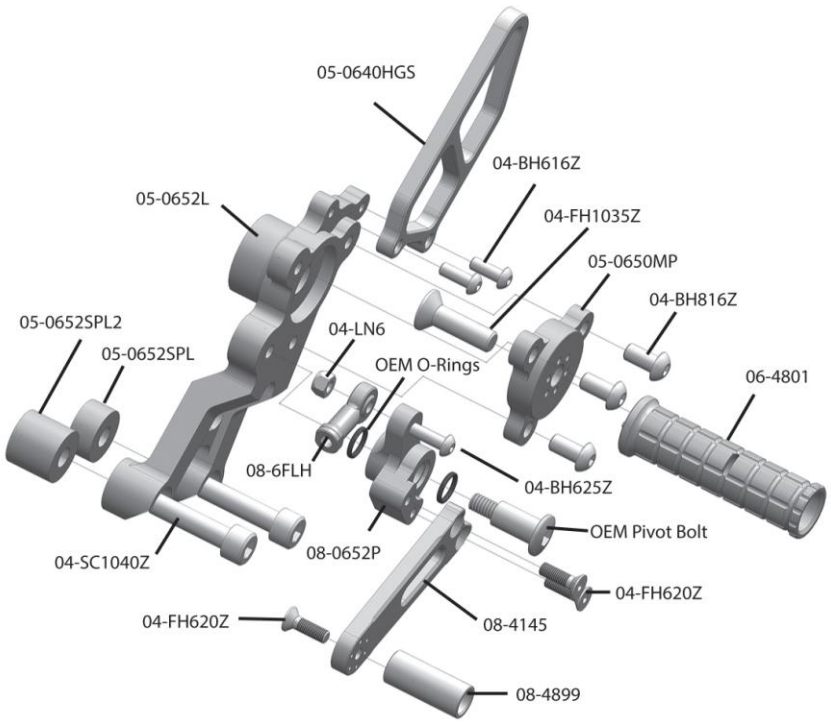
8) When the pedal is fully released, there must be a visible gap between the brake pedal and the 05-0652ESP eccentric pedal stop (see figure to theright).
9) Adjust the eccentric so that contact from the brake pedal acts to tighten the bolt that secures it in place. **IMPORTANT - Secure the bolt with BLUE LOCTITE.**

10) The exhaust must be secured to the 05-0652PM bracket using the OEM hardware. **IMPORTANT - Secure the bolt with BLUE LOCTITE.**

Shifter Side Assembly Installation

1) Assemble the shaft to the shift pedal pivot using **BLUE LOCTITE** on the 2 main shaft bolts. Assemble the toe peg finger tight, and secure the hiem joint to the shift pivot so that it is on the inside of the pedal.

2) Install the left side bracket on the frame. Slide the bracket over the swingarm pivot. Next, slide the 10 x 35 mm lower bolts through the bracket, spacer and kickstand. The rear spacer is shorter than the front spacer and is designed to sit on top of the kick stand mount. If you do not use the kickstand, there is a second spacer that you need to put in place of the kickstand. Install the large Aluminum OEM pivot bolt (do not use the OEM washer) through the upper mount and torque to OEM specifications Attach the heel guard to the bracket using the included 6mm button head bolts.



3) Attach the footpeg to the mount plate using the flat head 10mm bolt. Be sure that you select the same hole location as you did on the right side of the bike. **IMPORTANT - Secure the footpeg bolt with BLUE LOCTITE** during final assembly. You should use Loctite on the three 8mm button head bolts as well

4) Install the supplied shift rod to both hiem joints and bolt the shift pedal to the bracket using the OEM bolt and o-rings. Be sure to generously apply quality waterproof grease to the sliding surface of the footpeg to ensure smooth lever operation. **IMPORTANT - Secure the bolt with BLUE LOCTITE.**

5) **For GP Shift** Flip the gear change actuator (attached to the shift shaft on the motor) approximately 160 degrees from the OEM position. Adjust the actuator on the spline until it makes as close to a 90 degree angle with the shift rod as possible.

6) Bring the pedal to the desired height using the shift rod and the pedal tip. Once the pedal is adjusted to the desired height, lock the rod in place with the OEM lock nuts and **(IMPORTANT) - Secure the pedal tip bolt with BLUE LOCTITE.**

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