



Next Level Innovation
Design For The Future

Handguards Hardware Mounts

Product PN: HGPMM-22M1V1

Model 1 Handguard Install Manual

Install Information:

For specific bike fitment and models that this adapter will fit please check out our website www.NextLvlinnovation.com
There is also an install video to help with the installation.

Install Time: 30-40 Mins

Install Difficulty: Moderate

Tools Needed:

M2, M2.5 (Ball point) and M5 Allen Wrench
17 mm Open Head Wrench (Adjustable is fine)
8 mm Open Head Wrench (Adjustable is fine)
10 mm Socket

Part Descriptions:

These Handguard mounts are designed to fit the PowerMadd Trail Star and Star series handguards. The mounts will attach to most motorcycle mirror mounts that have a screw thread of 10mm or less. A set of left and right threaded screws are sold separately if you relocated your mirrors.

Left Mount: Metal angle bracket that goes on the left side of the motorcycle (from seat view).

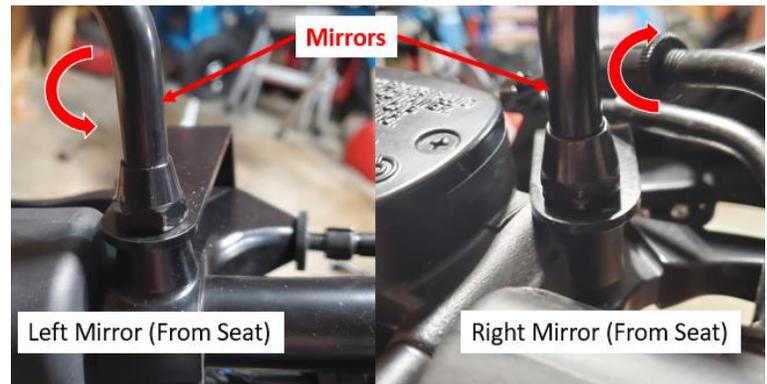
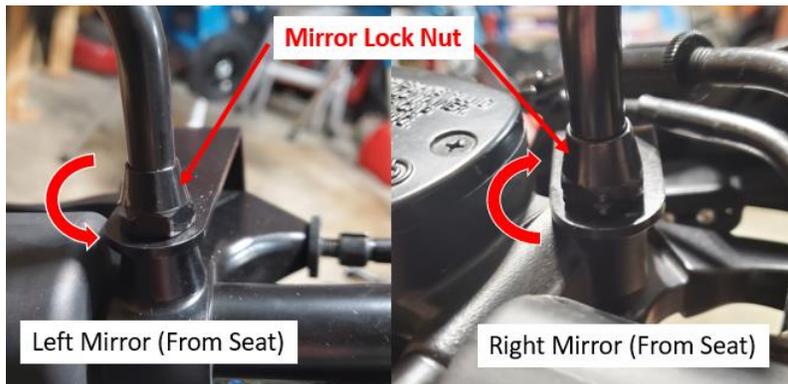
Right Mount: Metal angle bracket that goes on the right side of the motorcycle (from seat view).

Center Plate: Metal bracket that attaches to the angle brackets and Universal mounts.

Universal Mount: Plastic mount that attaches to the Handguards and the center mounts.

Handguards: Plastic PowerMadd handguards.

Uninstall of Stock Mirrors: (Remember their placement for later)



Step 1a: Loosen the left mirror nut with a M17 wrench. Loosen CCW. Once the nut is released the mirror also loosens CCW by hand. Remove the mirror. **Do not strip the threads on the mirror or nut.**

Step 1b: Loosen the right mirror nut with a M17 wrench. Loosen CW. Once the nut is released the mirror also loosens CW by hand. Remove the mirror. **Do not strip the threads on the mirror or nut.**



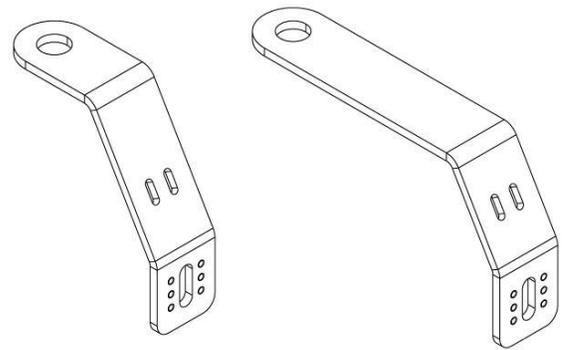
Loctite Application: Use one drop about 1 to 2 threads up from the bottom of each screw supplied with the adapter right before installing. (Pictures to the left). Sets in 10 Mins, cures in 24 Hours.

Put Mounts Together:

(Some of these steps may already be completed)

Step 2a: Add the slotted adjustment piece to both the left and right mounts using the M2.5 countersunk screws. The slot is positioned up. The left mount has the longer arm.

Step 2b: Add the threaded adjustment pieces to the Center Mounts with the M2.5 countersunk screws.



Right Mount

Left Mount

Right Mirror
(From Seat)

Left Mirror
(From Seat)



Left Mirror
(From Seat)

Step 3: Assemble the Left and Right mounts with their respective Center Mounts. Use the M5 screw, M5 washer and Nylock nut (no Loctite required here). Do not tighten all the way. The M5 washer goes on the head side of the screw to reduce the length of exposed screw.

Now add the M4 screw through the adjustment slot and thread into the corresponding adjustment. The screw should be on the outside of each adjustment.

Step 4: Add the Universal PowerMadd mounts to each Center Plate piece using the four M3 screws. The "R" should be facing up on the Right Mount and not showing on the Left Mount. As a starting point Place the left side Universal mount 4-5 mm from the end and the right side Universal Mount as close to the center.



Left Mirror
(From Seat)

Right Side
Universal
Mount



Right Mirror
(From Seat)

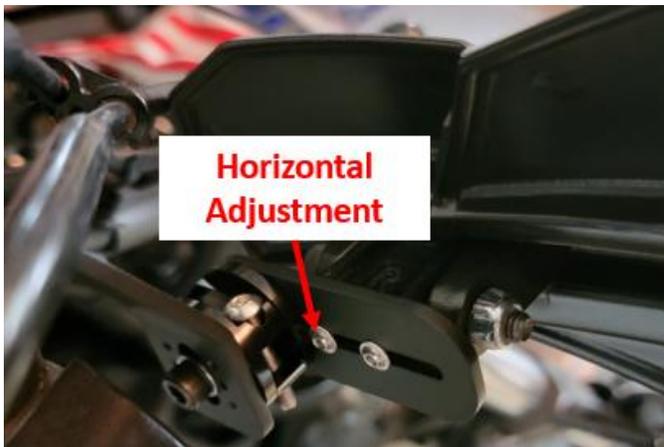
M6 Screw and
Nut

Step 5: Attach the PowerMadd Handguards to the mounts using the M6 screw and Nylock nut (No Loctite required). The screw head should be facing toward the rotating adjustment hub. Tighten the nut until it is snug. Do not overtighten.

Step 6: Mount the assembled handguard mounts to the motorcycle. Look at step 1 and go in reverse. Have the Left and Right Mounts facing straight forward. As you hold the mounts and mirror in place tighten the mirror nuts.

Adjustment:

Step 7: Adjust the M4 screw to change the tilt of the handguards to match your levers/handlebars. The PowerMadd seem line should be inline with your lever. Once at the desired place tighten the M5 center screw/Nut to lock it in place.



Step 8: Move the Universal Mounts to a location that makes both left and right sides equally spaced when viewing from the center. Tighten the M3 screws. Do Not Overtighten.

Optional: These handguard mounts were made with adjustment in mind. If more vertical adjustment is needed return to Step 2 and move the adjustment rings to either the top or bottom holes.

Vertical Adjustment



Congrats you are ready to ride!

Maintenance:

All hardware should be checked periodically (1,000 miles). If riding on rougher terrain check more often. Hardware should be inspected and retightened. Contact Info@Nextlvlinnovation.com or visit us at Nextlvlinnovation.com for more information. Powder coating is a class B finish and can have imperfections.

Warning:

Next Level Innovation LLC (NLI) is not associated with PowerMadd. NLI is not responsible for the misuse or void of warranty this may cause to your motorcycle. Use at your own risk. Any modifications made to this product ("HGPM-22M1V1") will void the warranty.