POWERMADD® Adjustable Pivot Riser

Installation instructions for 45590 & 45591

TOOLS REQUIRED:

- 13mm Socket Wrench
- 4mm Hex Wrench
- Torque Wrench

HARDWARE INCLUDED:

READ ALL INSTRUCTIONS CAREFULLY PRIOR TO INSTALLATION!

STEP 1: Assemble the Riser:

a.) Slide narrow riser block into wide riser block. **Photo 1**

b.) Install lever assembly: It is your personal preference which way but we suggest that the bolt should pass through the riser from the front of the machine. Slide lock washer then flat washer onto the M6x70mm screw. Then insert screw through both risers. Place black plastic spacer block (flat side toward riser) onto screw then thread screw into lever pivot that is installed in lever. The lever should curve out away from the riser. **Photo 2**

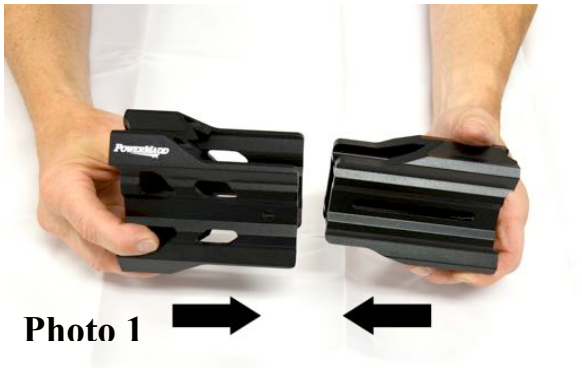

Photo 1

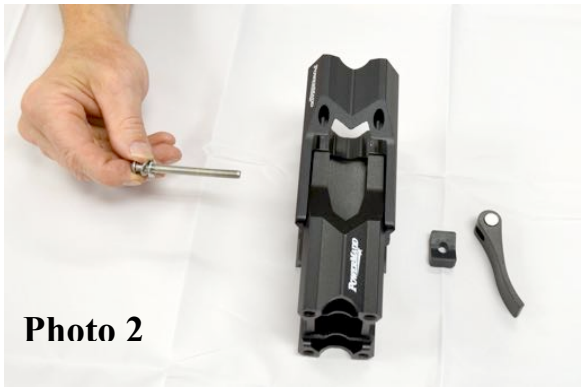

Photo 2

STEP 2: Remove the handlebar pad and/or collar to expose the stock handlebar riser and clamps.

STEP 3: Unbolt the handlebars from the riser block by removing the four bolts on the upper two clamps. Keep all controls, wiring, cables, etc… connected to the handlebars and lay them forward.

STEP 4: Unbolt the stock riser block from the steering post by removing the four bolts on the lower two clamps.

STEP 5: Narrow T-post: Attach the narrow end of the adjustable riser block to your snowmobiles T-post by using four of the included M8-1.25x40mm bolts and two handle bar caps. You will tighten in step 8.

Wide T-post: Attach the wide end of the adjustable riser block to your snowmobiles T- post by using four of the included M8-1.25x40mm bolts and two handle bar caps. You will tighten in step 8.

STEP 6: Attach the handlebars to the top of adjustable riser block using the included M8-1.25x40mm bolts and two handle bar caps. Make sure the handlebars are centered from right to left and adjusted to the desired position. You will tighten in step 8.

Caution: No wire or cable should be passing through the adjustable riser.

STEP 7: With the riser in the full open position and the adjustment lever in the full closed position tighten the M6x70mm screw to 40 inch pounds or 3.3 foot pounds. The pressure from the lever needs to be strong enough to prevent the riser from moving up and down. **Photo 3**

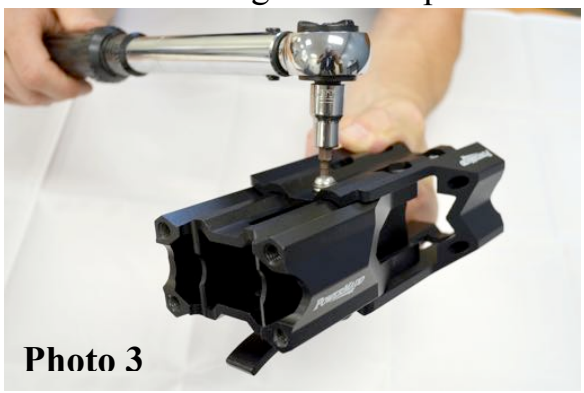

Photo 3

CAUTION: With the adjustable riser in the minimum and also the maximum position, turn the handlebar completely from one side to the other making sure no unwanted tension is placed on throttle cables, wires and brake line. Also check that your bars do not interfere with the windshield or any other part of the snowmobile.

NOTE: If wiring, throttle cable and/or brake line are too short for the new taller riser, check under the hood or dash to see if they can be rerouted to gain more slack. In most cases zip ties can be cut to gain more slack in the wiring. Be sure nothing will bind or be pinched when snowmobile is under normal use.

STEP 8: With the handlebars in the desired position, torque the eight bolts on the PowerMadd adjustable riser to 18 ft. lbs.

STEP 9: Reinstall the handlebar pad and/or collar that was removed in **STEP 2.**

Note: Check torque spec on M6x70 screw after every ride as in step 7

WARNING: Improper adjustment of the handlebars, or the bolts, can cause limited steering or loosening of the handlebars resulting in loss of vehicle control. Loss of vehicle control could result in severe injury or death.

For video installation instructions go to youtube.com and search "PowerMadd Adjustable Riser" or refer to: http://tinyurl.com/adjustable-riser.

LIMITED WARRANTY

POWERMADD warrants this product to be free from defects in material and workmanship under use for the purpose it was intended. **POWERMADD** shall not be liable for damage or injury caused by defective materials or workmanship. **POWERMADD** may elect to repair or replace this product, but is the sole judge of any defects in their product. This warranty does not cover any labor costs to remove or reinstall this product and is effective for one year from the original purchase date.