

## Yamaha 12-0419AP Clipon Adapter Plate Installation Instructions

**WARNING** Installation and use of some Woodcraft Technologies, Inc. products will change the response of the motorcycle to rider control inputs. Failure of the rider to adapt to these changes may cause loss of control, and serious injury or death. Improper installation, and/or failure to comply with all warnings and instructions may cause loss of control and serious injury or death. **DO NOT INSTALL OR USE ANY WOODCRAFT TECHNOLOGIES, INC. PRODUCTS IF YOU ARE UNABLE TO DO SO IN COMPLIANCE WITH ALL INSTRUCTIONS AND WARNINGS. SEEK THE ASSISTANCE OF AN EXPERIENCED TECHNICIAN.**

1. Completely remove your stock grips, controls and handlebar assembly. This kit replaces both the stock handlebar and the top handlebar clamp of the OEM assembly.
2. Use the supplied mounting bolts to secure the Woodcraft adapter plate to the OEM handlebar base unit.
3. Note: This kit is designed to be used primarily in the “up” position. Using this kit in the “down” position, riders should note that the use of the 12-0409SP spacers is required for proper tank clearance. Here are some approximate bar movement examples to help you determine how you would like to install them.

**NOTE: This kit requires the use of special 12-0590-10 risers for all 1 inch riser setups**

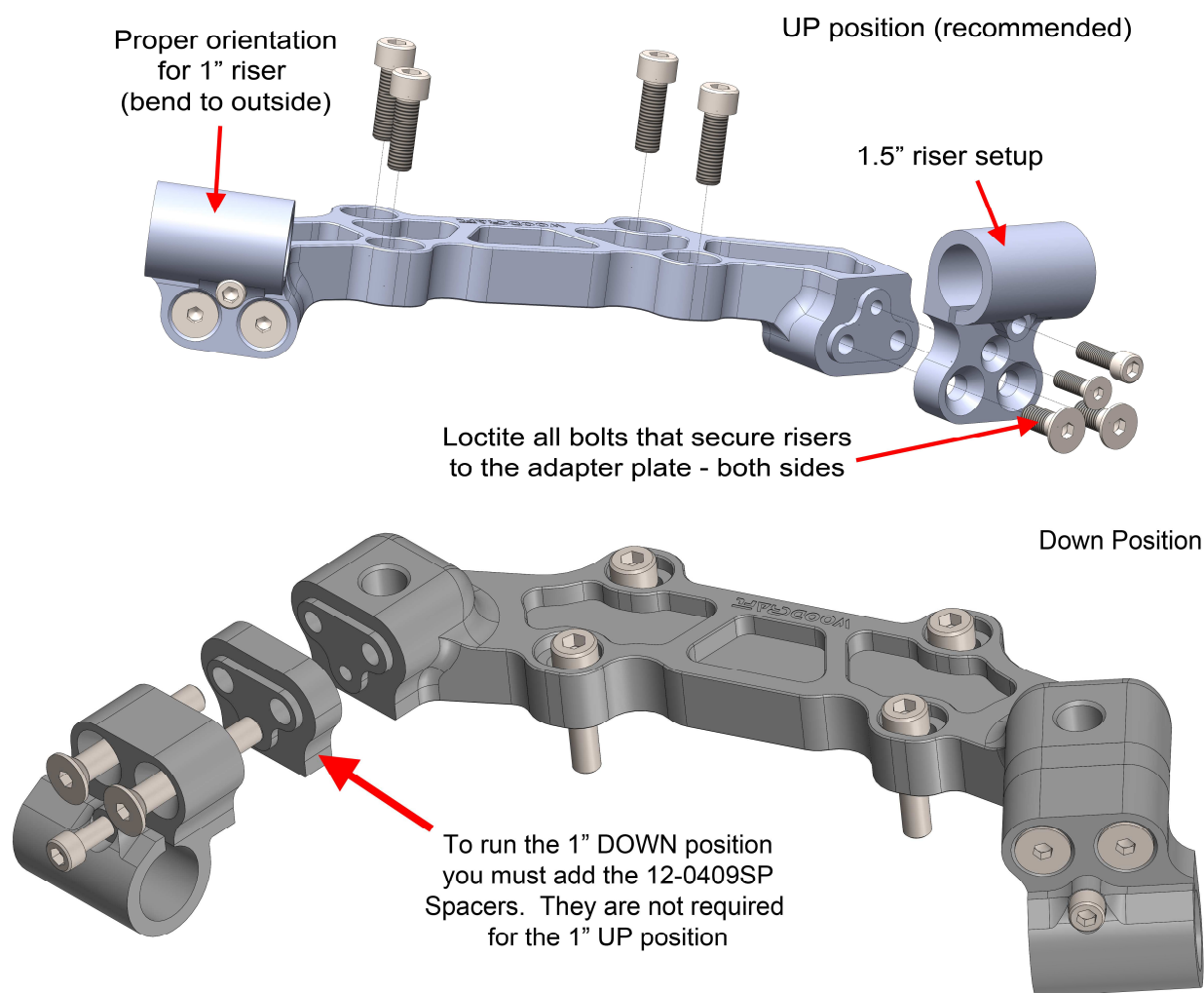
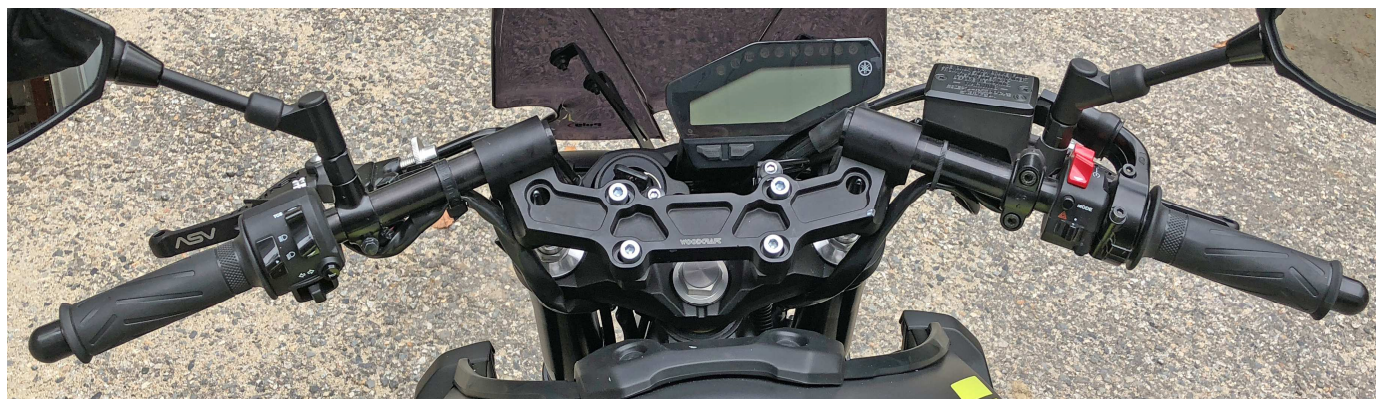
1.5 inch riser UP	1.5 inch drop – this is the Woodcraft standard kit for this motorcycle.
1 inch riser UP	2 inch drop
1 inch riser DOWN	3 inch drop – Requires 12-0409SP spacers for proper tank clearance.

**All bolts securing the riser to the main clamp must be installed with threadlocking compound**

4. Bolt the riser clamps to the adapter plate using the included bolts. **IMPORTANT: These bolts must have the threads completely coated with blue threadlocking compound before installation.**
5. The OEM controls have anti rotation pins, which require you to drill holes in the handlebars for proper installation. Measure the diameter of the holes in the stock handlebars and select the appropriate drill bit.
6. Secure the bars into the riser clamps. Slide the controls into place, noting that the grips should end right where the plastic end plug meets the aluminum. Mark the location for the anti rotation pins and drill holes in the bars. Test the controls to be sure that they are able to be securely tightened and that can use the entire steering range from lock to lock. Your throttle must return freely throughout the entire steering range. See cable routing at the right.



See page 2 for a installed photo of the 1 inch up position.



**WARNING - VERY IMPORTANT :** Ensure that the cables, hoses and all control parts do not contact any part of the motorcycle and that you have full ability to manipulate the controls throughout the entire range of steering. Also, be sure that the throttle returns freely after being fully opened throughout the entire range of steering. **FAILURE TO HEED THESE WARNINGS MAY CAUSE LOSS OF CONTROL OF MOTORCYCLE AND SERIOUS INJURY OR DEATH. DO NOT OPERATE THE MOTORCYCLE IF THERE ARE ANY INTERFERENCE ISSUES WITH EITHER THE MOTORCYCLE PARTS OR YOUR BODY, OR WITH A THROTTLE THAT DOES NOT RETURN FREELY.**