



Aprilia RS660 1" Clipon Riser Installation

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.**

The Aprilia RS660 clipon riser has very tight tolerances to get full lock to lock ability and gauge clearance. Racers who use steering stops to limit the range of steering motion will be able to have a larger range of adjustments. For those with an OEM setup we suggest the setups below. This kit is designed to work in conjunction with our Aprilia RS660 Top Triple clamp mounted flush to the fork tubes and Armour Bodies bodywork.

- 1) Completely remove your stock grips, controls and top triple clipon assembly. You will need to reuse the OEM black circular sticker to place under the LHS control upon reinstallation.
- 2) Install the four 6x20mm socket cap clamping bolts on the clipon riser bases and secure the riser bases to the fork tube (finger tight).
- 3) Install the riser portion to the clipon base. **VERY IMPORTANT:** Use **BLUE** loctite on both of the 8mm countersunk bolts that secure the riser to the base of the clipon. Allow the loctite to dry and fully set before use.
- 4) Slide the handlebars and controls loosely into place, noting that the grips should end where the plastic end plug meets the aluminum. Test the throttle, clutch and brake action to be sure that everything moves freely throughout the entire range of steering.
- 5) The photos here are a good starting point for your placement of the controls on the handlebar. Depending on the bodywork you are using you may need to adjust the orientation of the brake line to ensure there is proper clearance throughout the range of motion of the bars. This is done by cracking the brake line banjo bolt and adjusting the angle of the brake line. Be sure to bleed the brakes properly after this step.



This picture shows a left clipon assembly. The left clipon will have the "W" on the left side of the clamp.



- 6) With your bars and controls at the desired angle, be sure that you have 100% clearance throughout the steering range. With this confirmed, fully tighten the base clamps to the fork tube as per the instructions in step 7.

- 7) Before fully tightening the four mounting bolts, you should ensure that the gap between the two halves of the clipon is even on both sides. A) snug all four bolts with an allen wrench. B) tighten the two forward bolts tight. C) fully tighten the two rearward bolts. D) perform a final check on the front bolts to be sure they are tight. E) fully tighten the pinch bolt for the handlebar.

- 8) The brake reservoir is mounted using the included reservoir bracket and hose. Reservoir mount hardware setup shown on the right.



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.**

IMPORTANT : After tightening all fasteners according to instructions, and to industry-standard torque specifications, attempt to force each unit to slip on fork tube. **ANY ABILITY OF CLIP-ON TO SLIP MAY CAUSE LOSS OF CONTROL OF MOTORCYCLE AND SERIOUS INJURY OR DEATH. DO NOT OPERATE MOTORCYCLE WITH A SLIPPING CLIP-ON.** Clipon installation should always be performed by a qualified professional.