



## INSTALLATION INSTRUCTIONS

### HONDA ST1300 BAR RISERS

2002-2015 - MCNC-H-007

Thank you for purchasing our moto-cnc Bar Risers. These are designed and manufactured by us in the UK to increase your long-distance comfort and improve the handling of your motorcycle. Our Risers fit your motorcycle with very little (if any) modifications needed to your stock cables and hydraulic lines

**IMPROPER INSTALLATION COULD RESULT IN SERIOUS INJURY, DEATH OR DAMAGE TO PROPERTY. HAVE A QUALIFIED MECHANIC INSTALL YOUR RISERS. Moto-cnc ltd ACCEPT NO LIABILITY FOR ANY INJURY OR LOSS WHICH RESULT FROM THIS.**

**IF WE HAVE NOT INCLUDED SPECIFIC INSTRUCTIONS FOR YOUR MOTORCYCLE, THEN THE INSTALLATION IS SIMPLY A REVERSAL OF THE DISASSEMBLY PROCESS. \*NOTE THE LOCATION OF LINES AND CABLES. BE SURE TO CLEAN THE FORK TUBES BEFORE INSTALLATION\***

### TOOLS REQUIRED

**FLATHEAD SCREWDRIVER – METRIC SOCKET SET & ALLEN KEYS – 14MM SPANNER**

## **BOX CONTENTS – 1 RISER BLOCK – 1 RISER COVER – 2 X M6 BOLTS – 4 X M8 BOLTS**

- 1. Protect the paintwork on your fuel tank with a tank cover or towel**
- 2. Remove the centre plastic cover (between the handlebars).**
- 3. Unclip the wires from the underside of each handlebar. These retaining clips just simply bend down and will just as easily bend back again later.**
- 4. Remove the 4 plastic covers from the base of the handlebars (2 per handlebar).**
- 5. You have now exposed 3 fixings on each handlebar. Bend / open the 'stiff wire clip' through which cables etc pass and remove all 3 fixings from ONE handlebar. Gently pull on the lines and cables to create some slack. KEEP THE 2 HEXAGONAL HEADED BOLTS TO RE-USE.**
- 6. REPEAT Step 5. (above) for the other handlebar.**
- 7. You can now see the original handlebar base mount. It is 'butterfly shaped' and held in place by 2 bolts. The head of each bolt is 12mm and the nut at the bottom is 14mm (with a WASHER). Remove each of these nuts, bolts and washers and put them to one side for refitting later. You will not be refitting the butterfly shaped mount and I suggest you keep it together with the centre plastic cover you removed earlier.**
- 8. CHECK that both handlebars are well out of the way of the top yoke and you are then ready to fit the main block of your Risers. UNWRAP the Riser main block and make sure you have it the correct way up and facing forward before you place it in position with moto-cnc engraving visible.**
- 9. Place the riser on to the top yoke and place in the correct position. Insert the 12mm headed bolts down in to the Riser main block and through the top yoke itself and place a washer and nut onto each bolt – use a 12mm socket on the end of a 6" extension from your socket set. Be careful as not to cross thread the bolts. Put the socket on to the bolt head and gently screw the bolt into the 14mm nut. Do not fully tighten this bolt yet. REPEAT for the second bolt then firmly tighten both bolts to 19nm. Check that bolt is fully threaded into the whole of the nut.**
- 10. Carefully place one handlebar on to the Riser base mount. It will only fit in one place. Replace the original Hexagonal headed bolt and 2 new M8 x 25 Bolts, tighten to 16nm CAUTION – DO NOT GET ANY OF THESE FIXINGS CROSS THREADED AND REMEMBER YOU ARE SCREWING IN TO ALUMINIUM. Fit the other handlebar and repeat the above step (10)**
- 11. Carefully fit the riser top cover on to the main riser – using the 2 screws that are supplied with the top plate tighten to 9nm. Re-clip the wiring back in to place on the underside of the handlebars and bend the 'stiff wire clips' back in to their original position.**

## **FINAL CHECKS**

**READ ALL OF THE FOREGOING AGAIN AND USE IT AS A 'CHECK LIST' TO SEE THAT YOU HAVE CARRIED OUT EVERY STEP CORRECTLY – PARTICULARLY THE TIGHTENING OF ALL FIXINGS.**

**MOVE THE HANDLEBARS FULLY IN BOTH LEFT AND RIGHT DIRECTIONS TO SEE THAT THEY MOVE FREELY WHILST BOLTED FIRM TO THE YOKE.**

**VISIBLY CHECK ALL ASPECTS OF YOUR WORK AND MAKE CERTAIN ALL CABLES, WIRES, LINES ETC ARE 'FREE MOVING'.**

**START THE ENGINE AND CHECK AGAIN.... DO THE HANDLEBARS MOVE FULLY AND FREELY IN EACH DIRECTION – WITHOUT THE RPM'S OF THE ENGINE CHANGING?**

**SHOULD YOU HAVE ANY DOUBTS WHATSOEVER ABOUT ANY ASPECTS OF THE WORK YOU HAVE JUST COMPLETED – DON'T GUESS! CHECK IT AGAIN!**

**BARS MUST NOT BE USED AS A TIE DOWN POINT.**

**BARS CANNOT BE DAMAGED, DENTED OR ALTERED IN ANY WAY.**

**BARS CANNOT BE OVERTORQUED.**

**DON'T PUT THE SAFETY OF YOURSELF OR OTHERS AT RISK.**

**CAUTION HARDWARE MUST BE TORQUED TO SPECIFIED VALUES. THEY MUST NOT BE OVER TORQUED. OVERTIGHTENED HARDWARE CAN LOSE INTEGRITY.**