

BIG BIKE PARTS® INSTALLATION INSTRUCTIONS

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PART NO. 63-136 CHROME SWITCH BOX HOUSINGS YAMAHA VSTAR 650 CLASSICS KAWASAKI VN1600 CLASSIC/NOMAD

03/06/07

63-608B BRAKE SIDE

TOOLS NEEDED: #1 & #2 PHILLIPS HEAD SCREWDRIVER

NEEDLE NOSE PLIERS

1. LOOSEN THE THROTTLE CABLE TO GIVE YOURSELF AS MUCH SLACK AS POSSIBLE.
2. WITH A #2 PHILLIPS HEAD SCREWDRIVER, REMOVE THE SCREW FROM THE BOTTOM OF THE SWITCHBOX AND THE TWO SCREWS FROM THE BACK OF THE SWITCHBOX SO THE TWO HALVES CAN BE SEPARATED.
3. WITH THE TWO HALVES SPLIT APART, REMOVE THE THROTTLE CABLES FROM THE THROTTLE TUBE USING A NEEDLE NOSE PLIERS IF NECESSARY.
4. USING A #1 PHILLIPS HEAD SCREWDRIVER, REMOVE THE SCREW HOLDING THE METAL TAB IN PLACE, HOLDING THE WIRES TO THE SWITCHBOX. THEN REMOVE THE TWO SCREWS HOLDING THE BLACK PLASTIC COVER. NEXT, REMOVE THE SCREW HOLDING THE START BUTTON BACKER; BE CAREFUL NOT TO LOSE THE SPRING. FINALLY, REMOVE THE SCREW HOLDING THE KILL SWITCH IN PLACE.
5. SCREW THE THROTTLE CABLE OUT OF FRONT HALF OF OEM SWITCHBOX.
6. SCREW THE THROTTLE CABLE INTO THE FRONT HALF OF NEW CHROME SWITCHBOX.
7. INSTALL THE COMPONENTS REMOVED FROM THE OEM SWITCHBOX IN STEP #4 INTO THE CHROME SWITCHBOX IN REVERSE ORDER AS REMOVED. WHEN INSTALLING THE KILL SWITCH BE SURE TO PUSH IN THE BLACK PROTRUSION ON THE SIDE OF THE SWITCH SO THE KILL SWITCH CAN COMPLETELY SEAT IN THE SWITCHBOX.
8. REATTACH THE THROTTLE CABLES TO THE THROTTLE TUBE IN REVERSE ORDER AS STEP #3.
9. WITH A #2 PHILLIPS HEAD SCREWDRIVER, REINSTALL THE THREE SCREWS REMOVED IN STEP #2.
10. READJUST THE THROTTLE CABLES TO YOUR PREFERRED TENSION.

81-110C CLUTCH SIDE

TOOLS NEEDED: PHILLIPS HEAD SCREW DRIVER
8MM WRENCH
10MM WRENCH
12MM WRENCH
NEEDLE NOSE PLIERS

1. REMOVE THE TWO SCREWS ON THE BACK OF THE SWITCHBOX HOUSING USING THE PHILLIPS SCREWDRIVER.
2. ON THE FRONT SWITCHBOX REMOVE THE TWO PHILLIPS SCREWS ON THE BACKSIDE ON THE BOTTOM HOLDING THE STARTER BUTTON IN, AND HOLDING THE WIRES IN PLACE. BE SURE TO KEEP TRACK OF THE SCREWS AS TO WHAT ONES GO WHERE AS THEIR LENGTHS VARY.
3. REMOVE THE STARTER SPRING AND BUTTON FROM THE SWITCHBOX HOUSING.
4. REMOVE THE TWO SCREWS HOLDING IN THE BLACK PLASTIC BACKER PIECE IN.
5. REMOVE THE ONE SCREW HOLDING THE KILL SWITCH INTO THE HOUSING.
6. REINSTALL THE KILL SWITCH AND THE PLASTIC BACKER PIECE IN THE REVERSE ORDER OF REMOVAL FROM THE ORIGINAL HOUSING. MAKE SURE THAT THE TWO WIRES FROM THE KILL SWITCH GO UNDER THE SMALL TAB LOCATED ON THE BACKER PIECE.
7. REINSTALL THE STARTER BUTTON. MAKE SURE THAT THE NARROW END OF THE SPRING GOES INTO THE BUTTON AND THE WIDE END GOES INTO THE PLASTIC PIECE THAT GETS PUT BACK ON WITH THE ONE SCREW THAT WAS REMOVED IN STEP 2. THEN REINSTALL THE SMALL METAL CLIP THAT HELD THE WIRES IN PLACE WITH THE SCREW THAT WAS REMOVED IN STEP 2.
8. LOOSEN THE TWO NUTS ON THE THROTTLE CABLES ALL THE WAY BACK, AND THEN LOOSEN THE ADJUSTMENT NUTS BACK TO GIVE THE THROTTLE CABLES ROOM TO COME OFF OF YOUR GRIP.
9. USING A PAIR OF NEEDLE NOSE PLIERS REMOVE THE TWO ENDS OF THE CABLES FROM THE GRIP.
10. REMOVE THE PHILLIPS SCREW HOLDING THE TOP CABLE INTO PLACE, AND THEN PULL THE CABLE OUT. THEN SPIN THE HOUSING OFF OF THE BOTTOM THROTTLE CABLE.
11. INSTALL THE BOTTOM CABLE INTO THE NEW SWITCHBOX HOUSING BY SPINNING THE HOUSING INTO THE BOTTOM CABLE HOLE, MAKING SURE NOT TO TIGHTEN THE HOUSING ALL THE WAY TO THE TOP OF THE CABLE HOUSING.

12. INSTALL THE TOP CABLE BY PUTTING THE CABLE AND CABLE HOUSING INTO THE TOP HOLE ON THE SWITCHBOX HOUSING AND PUT THE SCREW BACK TO PREVENT THE CABLE FROM SPINNING.
13. THEN REINSTALL THE CABLES BACK ONTO YOUR GRIP IN THE REVERSE ORDER YOU REMOVED THEM.
14. INSTALL THE FRONT OF YOUR SWITCHBOX COVER TO THE REAR USING THE TWO PHILLIPS SCREWS REMOVED EARLIER IN STEP 1. MAKE SURE THAT THE WIRES DO NOT GET PINCHED IN THE SIDES PREVENTING THE HOUSING FROM CLOSING ALL THE WAY. ALSO MAKE SURE THAT THE SMALL CYLINDER STICKING OUT OF THE REAR SWITCHBOX HOUSING GOES INTO THE HOLE ON THE HANDLE BAR TO PREVENT THE HOUSING FROM ROTATING AROUND THE HANDLEBAR.
15. ADJUST YOUR THROTTLE TENSION BY ADJUSTING THE ADJUSTMENT NUTS UNTIL YOU GET THE CORRECT THROTTLE TENSION. YOU DO NOT WANT YOUR THROTTLE TENSION TO BE TOO TIGHT BECAUSE IF IT IS THE THROTTLE WILL NOT SNAP BACK TO THE IDLE POSITION WHEN LET GO, AND YOU DON'T WANT IT TOO LOOSE BECAUSE THEN YOU WILL HAVE TOO MUCH PLAY. WHEN YOU DO GET YOUR THROTTLE AT THE RIGHT TENSION LOCK THE ADJUSTMENT NUTS INTO PLACE BY TIGHTENING THE TWO NUTS WITH A 10MM OPEN ENDED WRENCH UP AGAINST THE ADJUSTMENT NUTS.
16. USING A 12MM OPEN ENDED WRENCH TIGHTEN THE NUT ON THE BOTTOM OF THE THROTTLE CABLE HOUSING TO PREVENT THE HOUSING FROM MOVING AROUND.