

1/14/2013

**TOOLS NEEDED:** 6MM ALLEN WRENCH    3/8" DRILL BIT    10MM SOCKET    WIRE CUTTER/CRIMPER    KNIFE**INSTALLATION:****NOTE: WE RECOMMEND INSTALLING BBP REAR BRAKE LIGHT CONVERSION HARNESS (52-812) WITH THIS ITEM.**

1. DISCONNECT THE GROUND ON THE BATTERY.
2. USING A 6MM ALLEN WRENCH REMOVE THE FOUR BOLTS HOLDING THE REAR FENDER ON THE MOTORCYCLE AND REMOVE THE FENDER.
3. PUT A MARK WITH A PENCIL IN THE CENTER OF THE FENDER AND 1-1/2" (38MM) FROM THE BOTTOM OF THE FENDER.
4. DRILL A HOLE THROUGH THE FENDER WITH A 3/8" DRILL AT THE MARK FROM STEP 2. USE A KNIFE TO REMOVE ANY SHARP EDGES.
5. ROUTE WIRES FROM LED FENDER TIP THROUGH THE HOLE AND TEST FIT FENDER TIP TO FENDER. MAKE SURE THE HOLES ON THE BOTTOM OF THE FENDER TIP LINE UP WITH THE HOLES ON THE BOTTOM OF THE FENDER.
6. CRIMP THE THREE FLAT CONNECTORS ON TO THE ENDS OF THE WIRES FROM THE LED FENDER TIP.
7. OPEN BOTH SADDLEBAGS. LOCATE AND REMOVE THE TWO 10MM NUTS ON EACH SIDE THAT HOLD THE LARGE TAIL LIGHT IN PLACE. GENTLY SLIDE TAIL LIGHT OUT.  
  
NOTE: IF YOU INSTALLED A 52-812 ATTACH ONE OF THE T-TAPS TO ONE OF THE RED WIRES ON THE HARNESS. ATTACH THE RED WIRE FROM THE FENDER TIP TO THIS T-TAP AND SKIP STEPS 8 AND 9.
8. NEXT TO THE RIGHT REAR SADDLEBAG SUPPORT TUBE FIND THE WRAPPED WIRING HARNESS. MAKE A CUT IN THE PVC COVERING ABOUT 2" LONG. BE CAREFUL NOT TO CUT INTO ANY WIRES.
9. FIND THE GREEN WIRE WITH A RED STRIPE AND ATTACH ONE OF THE SUPPLIED T-TAP TO THAT WIRE. ATTACH THE RED WIRE TO THAT T-TAP.
10. ATTACH THE OTHER TWO T-TAPS TO THE WIRES ATTACHED TO THE LICENSE PLATE LIGHT ON THE REAR FENDER. PLUG THE BLACK WIRE INTO THE GREEN WIRE AND THE BLUE WIRE INTO THE BROWN WIRE.
11. REINSTALL THE TAIL LIGHT AND THE FOUR NUTS IN THE SADDLEBAGS.
12. PUT THE REAR FENDER BACK IN PLACE AND INSTALL THE TOP TWO ALLEN BOLTS ONLY.
13. USING RUBBING ALCOHOL CLEAN THE AREA OF THE FENDER WHERE THE FENDER TIP IS GOING TO MOUNT.
14. REMOVE THE PVC FILM FROM THE TAPE ON THE FENDER TIP AND PRESS IT INTO PLACE.
9. INSTALL THE TWO NEW CHROME BOLTS AND WASHERS SUPPLIED WITH THE KIT IN THE BOTTOM HOLES ON THE REAR FENDER. DO NOT OVER-TIGHTEN.
10. MAKE SURE ANY EXTRA WIRE IS SECURED BEHIND THE FENDER. CONNECT THE BATTERY AND TEST THE LIGHTS.

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