Banjo Bolt Brake Light Switch Conversion

The stock brake light switch is just plain ugly. A major complaint is that the switch is hanging "out there" once a person relocates the floorboards or foot pegs. We have made available… a stainless steel brake light switch that can be used to replace the stock switch and clean up the overall look of the floorboard/foot peg area. The process is as follows…

Remove the floorboard or foot-peg assembly from the right side of the bike.
This is accomplished by disconnecting the brake light switch plug. Second, you need to disconnect the brake linkage by removing the cotter pin from the clevis pin and loosening the jam nuts. Once you have done the previous two, you can unbolt the entire footrest assembly from the motorcycle.
Now you must remove the wiring from the stock switch… set it aside you will reuse it. Next, get out your cut-off tool or whatever you have decided to use… and cut the switch brake off. Make the cut clean so that you can "clean up" this area and touch up the paint with some rattle can spray paint. I found that a satin finish matches the stock paint on these parts the best. Once you get the footrest assembly cleaned up and repainted… put it back on the bike. Without the switch you will have no rear brake light… but we have the solution for that.

Install the new banjo switch
Remove the banjo bolt from the rear brake cylinder and install the new stainless steel switch that you purchased from CycleForay. The copper washers should be reused from the old bolt. Put one on either side of the brake hose banjo. Tighten everything down to approx. 15 ft./lbs. Now… what do we do with the wires?

Wiring the new banjo switch in
You can be creative here or you can do what we do. Route the wires back behind the floorboard or foot peg towards where the old switch was mounted. You are going to use the old wiring harness from the old switch to tie the new switch in. You won't have to cut any wires this way… you will just have to hide them. Using the connectors from the old switch, you will notice that the ends that come on the new switch will fit into the area on the stock connectors where the wire is crimped under. You can cut off the large portion and just use the top… push the ends in and tape it off. You are basically done now. All you have to do is connect the old plugs and secure the wire with a zip tie. The pictures will help…