

# Shift-I Installation Instructions

By Doug Moir

## Buell XB Lightning.

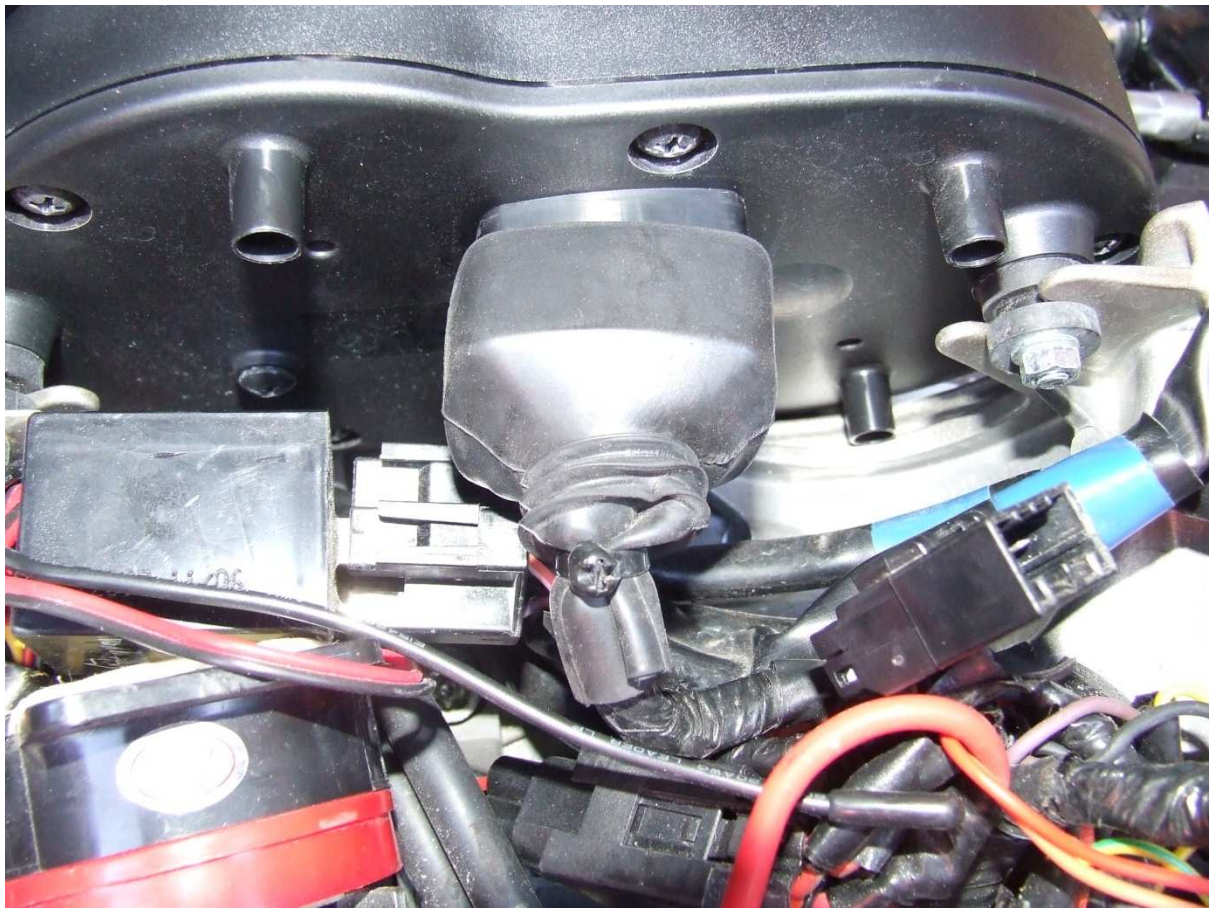
First let me say this is one of the easiest electrical accessories to wire up that you will ever fit on your bike.

These pictures and instructions were taken on a 2007 model Lightning but should be common for all Lightning's from 2004 on.

**1:** Remove front flyscreen (windscreen), separate the wiring areas so you can see and locate the plugs ..... (ignore the mess in my pictures as I have a stack of stuff packed in my instrument shell).



**2:** Locate the large plug coming out of the speedo cluster, cut the cable tie that seals the rubber boot, pull the boot down and squeeze and remove the plug.



**3:** Split the insulation back on this harness and locate the pink wire and the black wire, pink is the tacho signal and black is the earth.



**Shift-I Black/Blue → Lightening **Pink****

**Shift-I Black → Lightening Black**

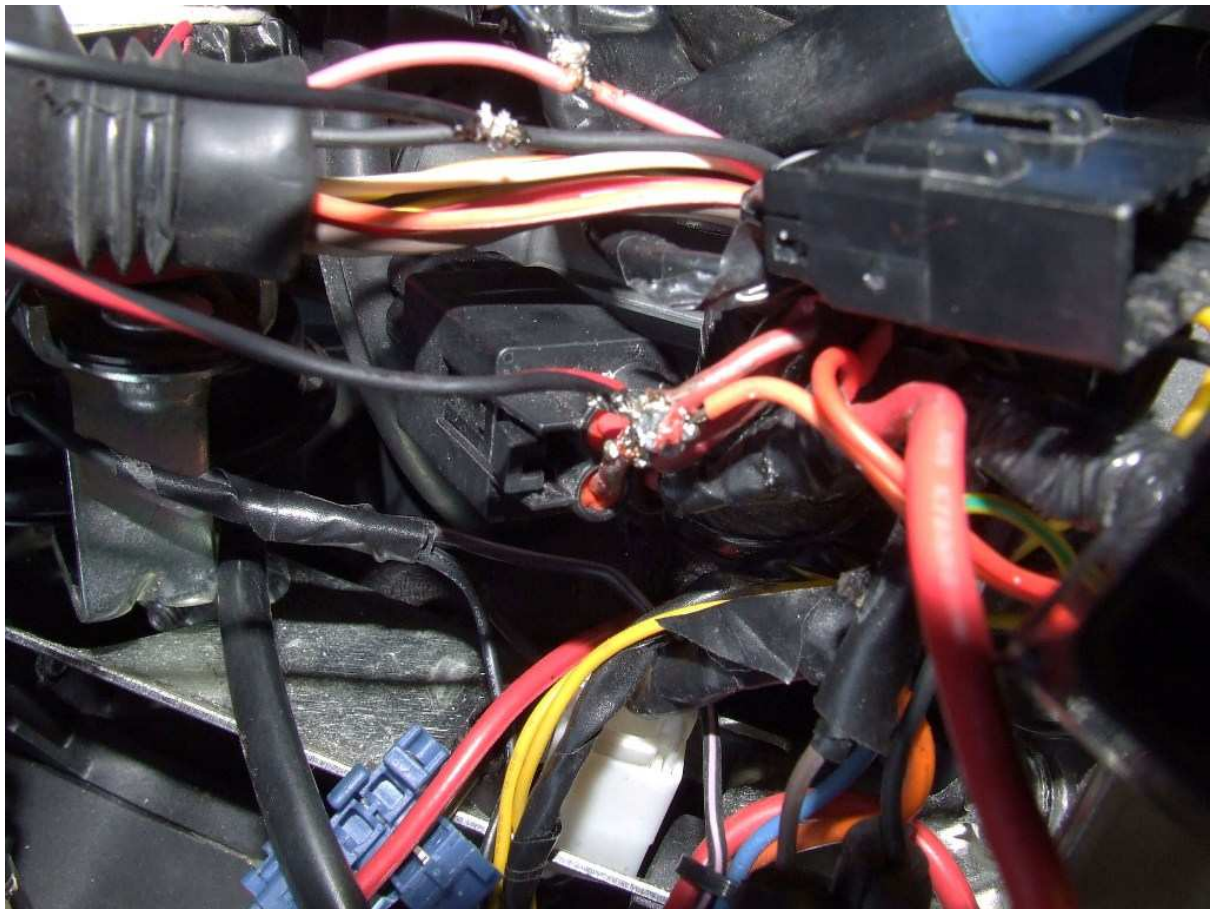
**4:** Pare back the insulation on these two wires and splice the Shift-I **Black** wire into the harness **Black** wire, splice the Shift-I **Black/Blue** striped wire into the harness **Pink** wire. I spliced and soldered to be safe but the kit does contain scotchlocks if you wish to use those.



**5:** Locate the wiring harness that comes out of the back of your ignition switch.

Follow the harness back to a heavy 4 pin plug, peel the tape insulation off the bike side of the plug/harness and locate the red wire with the grey stripe **Red/Grey**, this wire is live only when the ignition is on.

Strip back the insulation on this wire and solder the red and **Black** wire from the Shift-I to it or alternately use the scotchlock provided.



Now you can test the Shift-I to see if it works.



SUCCESS !

**6:** Insulate all the wires that you have cut or soldered to, retape and secure the harnesses, refit your flyscreen, program your Shift-I as per the included user manual ..... and away you go.

Written by Doug Moir .... March 2008.