



Amp & Speaker Upgrade Install Instructions for Batwing Fairing

Tools Needed:

- 1/2 inch Socket
- 7/16 inch Socket
- 10 mm Socket
- 1/2 inch Ratchet Wrench
- Wire Cutters
- Wire Strippers
- Phillips Screwdriver
- T25 Torx driver



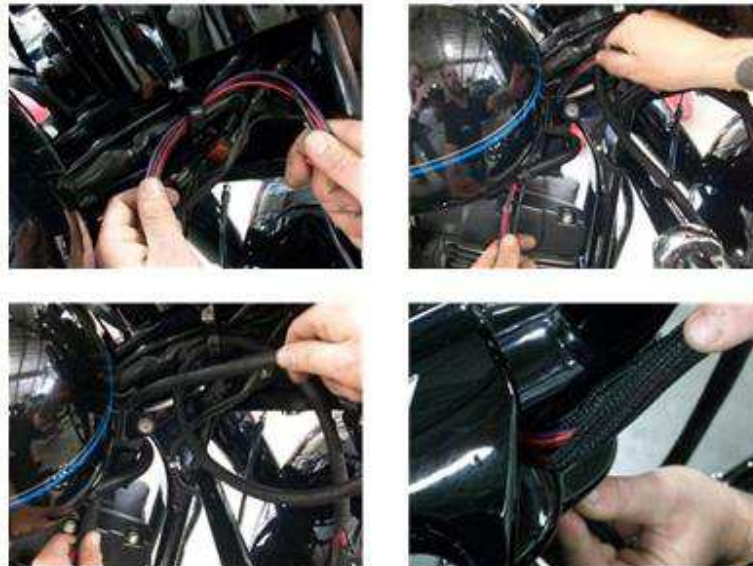
- Cover tank and fenders to avoid damage



- Remove seat rest and seat.
- Remove battery access cover.

Routing Harness(s)

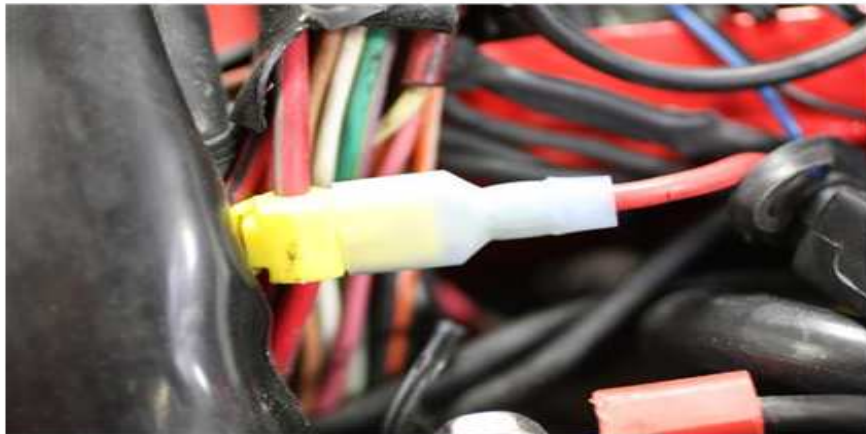
- 3) Start wire loom(s) through headlight nacelle on right side by handlebars/clamp cover then through frame grommet. Feed through Leaving approximately 6” sticking out from nacelle. Route behind front tank mount, above fuel crossover and under remainder of tank. Make sure loom does interfere with any existing wiring or come in contact with motor or exhaust. If there are any additional wires or lines route them along the same path.



Wiring

**These instructions cover a few different harnesses so some information may not pertain to your installation

4) Harness(s) should exit near battery. Attach connectors as shown below



Standard radio: Yellow - positive battery terminal through fuse holder.

Black - negative battery terminal

Red – You will need to carefully cut open the factory loom that comes from the dash. Locate the 12 ga red wire w/silver stripe.

Attach the supplied T-splice and connect the red wire.

GPS: Yellow - Attach fuse holder and connect to positive battery terminal.

Black - negative battery terminal

Blue - You will need to carefully cut open the factory loom that comes from the dash. Locate the 12 ga red wire w/silver stripe. Attach the supplied T-splice and connect the blue wire.

Amp: Red - Attach fuse holder and connect to positive battery terminal

Black - negative battery terminal.

Radio Install

Remove screws from side of factory radio, unplug all connections. Slide out factory radio.
Slide new radio in and secure with screws on each side.
Plug in all connections.
Test that hand controls work and all functions of new radio.
Install outer fairing.

Mounting Amp

Attach amp(s) to bracket using supplied screws. Remove the two mounting bolts that are closest to the front of the bike, loosen the other two. Slide bracket over the top of the radio and slide notches around the two bolts. Install the rear bolts through the bracket and secure.

Installing speakers

Fairing speakers



- Remove screws from existing speakers with Torx T25 driver
- If you're changing speaker grills do so now (optional, shown on right)



- Install Dragonfly 6.5 speaker adapter with (6) 3/4 inch Phillips - Install your speakers using the screws that came with them
- Start with outside bottom screw going through speaker reinforcement bracket - Start all 3 screws before tightening any; speaker adapter can sometimes flex when tightening to fairing

Lower Fairing Speakers



- Remove glove box doors from lower fairings
- Drill hole for speaker wire just below crash bar



- Run supplied speaker wire from inside of lower fairing cup along bottom side of crash bar to center



- Pre-drill holes for speakers using speaker ring and 5/64 inch drill bit - Tabs for glove box may need to be trimmed to fit speakers



- If installing crossover networks, do so now with supplied double sided tape



- Attach speaker wires to speakers
 - Attach speakers and trim ring to lower fairing with supplied screws from speakers
 - Fit speaker grill to inside rim of speaker as shown
- * Note: put a spot of silicone or hot glue in four spots on grills to make sure they are secure.

Tour pack Speakers



- Locate and cut these wires and connect to amp with supplied connectors
- Left Rear: (+) Brown, (-) White with Brown tracer
- Right Rear: (+) Green, (-) Light Green with Brown tracer - Using T10 Torx driver, remove existing speakers



- Disconnect speaker wires and remove stock speakers - Pre-drill new speaker holes using speaker rings



- attach speakers with supplied speaker screws

Final steps



- Reconnect battery putting black wire on ground terminal and red wire through fuse on positive terminal
- install supplied fuse
- Reinstall all parts opposite removal

Tuning Amplifier

Factory Head Unit.

Set Bass and Treble to the midway point on the display setting

Insure that AVC (AUTOMATIC VOLUME CONTROL) turned off.

Amp Tuning: Locate crossover switch and verify that it is on “High” or “HPF” . The crossover or “FREQ” dial to should be at approximately 110 Hertz (On the Focal amps that will be with the slot at 12 and 6). Turn volume on stereo to its max setting and then back 3 (ex: max is 40, turn back to 37). On Ipod or other music source turn volume to max and back down a couple of notches. With music playing adjust gain(s) on amp until the music is as loud as possible without distortion. You’re Tuned!

Warning: Distortion at a high level can blow your speakers. Due to the variations in music quality and recording levels you will have to pay close attention to the sound quality of your music. If you hear distortion simply turn the radio down a notch or two.