



## Amp & Speaker Upgrade Install Instructions for Victory Cross Country

### Tools Needed:

- 13mm Socket
- 4mm Ball Head Allen Socket
- 5mm Allen Wrench
- 10mm Wrench
- Wire Cutters
- Wire Strippers
- Phillips Screwdriver
- Pocket Knife or Flathead Screwdriver

### Installation steps:



- Cover tank and fenders to avoid scratches during this process.
- Ensure bike is securely strapped down in wheel chock or lift.



- Remove speaker grill covers - remove fairing bolts.



- Using pocket nice knife, separate trim bezel.  
- Remove headlight with 5mm allen wrench.



- Disconnect headlamp and set aside.
- Unplug turn signal wires.



- Remove chin spoiler with 4mm allen two top and two bottom to get access to battery
- Optional step to remove side cover with 13 millimeter socket and 4 mm Allen



- Disconnect negative terminal of battery first.
- Disconnect positive terminal.



- Feed end of Amp harness into fairing alongside existing wiring loom to battery. -
- Make sure fuse **IS NOT** in amp wiring harness.
- Connect amp wiring harness positive terminal first.



- Fasten amp wiring harness with included zip ties.



- Using a 5/32" or 4 millimeter ball head allen wrench, remove factory speaker bolts.
- Remove speaker and unplug.



- Pull existing speaker wire and cut rubber speaker grommet.
- Feed new speaker wire through hole and through rubber grommet.
- Reinstall rubber grommet indexing slot down.



- Test fit new speakers to speaker mounts.
- Some speakers made need to be slotted out with quarter inch drill bit to be able to utilize OEM speaker mount bolts. If this is the case, make sure to tape off center of speaker ensuring no debris goes into voice coil.



- Install new speakers. Start with inside top both first, and then opposite lower outside next. Then top outside, finally inside bottom bolt goes in last.



- Widen outer holes on radio mount using a quarter inch drill bit and socket as shown. Drill should not go deeper than 3/8 inch.



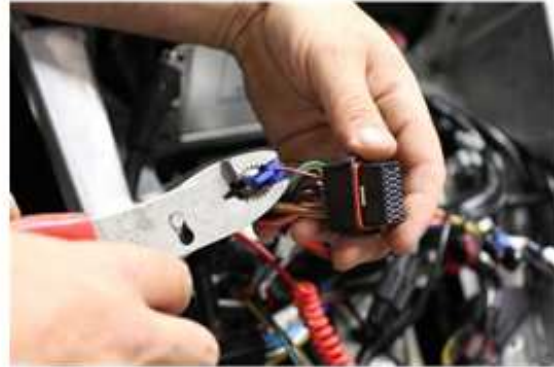
- Attach supplied speed clips to radio mount bracket



- Attach new connectors to speaker wire and attach Line level converter.

- Left front (+) Dark Grey w/ Red tracer to White
- Left front (-) Brown w/ Black tracer to White / Black
- Right front (+) Light Grey w/ Red tracer to Grey
- Right front (-) Light Grey w/ White tracer to Grey / Black

- Use supplied double back tape to attach line level converter to side of radio bracket.



- Remove connector from side of radio.
- Find a brown wire with pink tracer (pin 34) on radio harness connector.
- Install red t-splice to the wire, and then attach supplied blue wire to the t-splice.
- Reattach connector to radio.



- Set speed clips in position for 2 or 4 channel Amp.
- Attach amplifier bracket to radio mount bracket.



- Connect red power, black ground, and blue trigger wire to amplifier.
- Attach amplifier to amplifier bracket using supplied bolts.





- Connect RCA's from line level converter to amplifier. Then connect speaker wires making sure to get the polarity correct. Striped wires are ground wires.



- Plug in fuse at battery

### Important Final Steps:

- tune amplifier

□ **Amp Tuning:**

- Make sure your Bass and Treble are at middle setting on radio and AVC - AUTOMATIC VOLUME CONTROL is set to the OFF position.
- Locate crossover switch and select to "High" then rotate dial to approximately 110 Hertz. Put in a CD or other music device and play a song. Turn stereo all the way up to max and back one notch. At this time adjust gains equally up until you are able to make music as loud as possible without distortion. Your Tuned!

**Warning:** Keep in mind any speaker can be blown by simply playing distortion through it at too high volume. Some songs will distort before others due to recording quality and recording levels. If you hear distortion through your speakers simply turn the radio down a notch or two.



- Before fairing goes on, attach supplied weather stripping to add extra weather protection.

**Reinstall all parts opposite removal**

- Reinstall side motor cover and chin guard. -
- Attach fairing and headlight.
- Replace speaker grills.