



## Bullet Tachometer Installation

### Models BA-7570-00/01

**NOTE:** *Easiest installation and wiring is achieved if you first remove fuel tank, but installation can be done with fuel tank in place on some motorcycles.*

Wire Baron's Bullet Tach to one of your bike's ignition coils via the following schematic:

- Green wire to NEGATIVE terminal of coil
- Red wire to POSITIVE ON terminal of coil (or other switched 12 volt source)
- Light Blue wire to POSITIVE ON terminal of coil (or other switched 12 volt source)
- Black wire to CHASSIS (Ground)

Honda VTX1800 requires T-105 adaptor, sold separately

- Connect gray wire to blue/yellow on front coil. Connect other gray wire to yellow/gray on rear coil
- Connect pink to tach green wire
- Connect tach red and blue to 12-volt switched source
- Connect both black wires to chassis ground

(1) Mount new Bullet Tach on handlebar in your preferred position. Ideal location is between handlebar risers. If mounted off-center, you can rotate tach face back to vertical (or any position you desire) by first loosening mini-tach's set screw (found in the handlebar area of tach housing), then unscrewing tach housing's bezel, rotating tach, re-installing bezel and retightening set screw.

(2) Route tach's wire harness lead as necessary for simplest and cleanest installation to coil. Feed tach harness alongside bike's wiring harness (passing behind any plastic frame covers), then downward toward the coil. Make your wire connections as recommended below. Once completed your tach should be fully operational.

Connect the GREEN tach wire lead to coil's male spade connector where negative (or "signal") wire is connected to. (The use of a piggyback spade connector simplifies connection. ***On some models the supplied connector may need to be trimmed to fit the bike's connectors.***

Connect both RED & BLUE tach wire leads to the male spade connector of coil where the Positive 12-volt lead is connected to (the use of a piggyback spade connector simplifies connection), or to another switched, 12-volt source.

Connect the BLACK tach wire lead to chassis GROUND. You can crimp-on an eyelet-type connector to this wire and connect this lead to the coil's rear mounting post.

***If you mount your tach high up on the handlebar, or have tall or pullback risers or wide handlebars, you may need to splice an extra 12 inches of wire to each colored wire lead of your tachometer prior to completing the routing and connection, then trim to appropriate length.***

**Bulb replacement:** If you need to replace the instrument bulb follow these steps.

Remove the tach from the bars, loosen the set screw in the clamp area of the tach housing, unscrew the bezel from the tach housing, remove the instrument from the housing, on the rear of the instrument there is a rubber plug, remove it, the bulb holder is under the plug, turn the bulb holder ¼ turn and pull it out. The replacement bulb is a Sylvania 74b or equivalent. The bulb is available at most auto parts stores.

Our install guides provide a basic outline on the proper installation of our products. Further tuning and/or fitment may be required. Baron bears no responsibility on installation costs associated with this product.

- **Will this work on my bike?**

YES. Baron's Bullet Tach will work on any Metric bike as it hooks up to the coil. It will also work with Harleys that do not have a single-fire ignition system.

- **Does it have a light?**

YES. Use replacement bulb Sylvania #74b mini bulb (available at most auto parts stores)

- **Can I hook it up to the yellow tach lead from my DYNA 2000?**

NO. It should only be hooked to the coil as per our instructions.

- **Can the tach be mounted under the bars?**

YES. If you have enough room to mount under the handlebars, the instrument can be rotated in the case to correctly orient it for under-bar installation. Be aware - the chances of water intrusion are greatly increased in this location!

- **How can I tell positive from negative on my coil?**

Most bikes will have 2 wires going to each of the 2 (or 4 coils) the coils will share one common color wire and have one unique color. The common color is the positive and the unique color is the negative. For example a Yamaha has a red / black on both coils - that is positive. The other Yamaha wire would be orange or gray - that is the negative side. Honda is blue/yellow and yellow/blue for the negative, and black/white for the positive