

**#888030/#888060 #888070/#888080
BOULEVARD C50 & C90 F.I. MODELS
BILLET TACH MOUNT KIT
WITH 4" HANDLEBAR RISERS**



Please read and understand these instructions completely before installation to avoid any possible injury to yourself or the motorcycle and/or accessory.

**NOTE: DO NOT INSTALL THIS TACH KIT ON CARBURETOR MODELS.
RPM RANGE WILL BE INCORRECT.**

PARTS LIST:

<u>ITEM:</u>	<u>PART NAME:</u>	<u>DESCRIPTION:</u>	<u>QTY.</u>
#1	BILLET HANDLEBAR CLAMP/TACH MOUNT	SUPPLIED	1
#2	BILLET TACH CUP	SUPPLIED	1
#3	O-RING	SUPPLIED	1
#4	5/16-18 x 1" CHROME SOCKET HD. SCREW	SUPPLIED	4
#5	4" CHROME HANDLEBAR RISER	SUPPLIED	1
#6	10-24 X 1/8" SOCKET SET SCREW	SUPPLIED	1
#7	ELECTRONIC TACHOMETER	SUPPLIED	1
#8	T-TAP TERMINAL	SUPPLIED	2
#9	RING TERMINAL	SUPPLIED	1
#10	MALE SPADE TERMINAL, INSULATED W/SHRINK TUBE	SUPPLIED	2
#11	1/2-13 X 2-3/4" HEX BOLT	SUPPLIED	2
#12	1/2" LOCK WASHER	SUPPLIED	2
#13	CHROME CAP	SUPPLIED	4

PREPARATION: Remove the four chrome caps from the stock handlebar clamps. Remove the four stock allen head bolts. This hardware will not be re-used with the new Billet Tach Mount Kit. Carefully remove the stock handlebar clamps while supporting the handlebars. Remove the two nuts underneath the triple tree that attach the stock handlebar risers. Remove the stock risers.

INSTALLATION:

1. Assemble the Tach and Billet Clamp: Slide the **Electronic Tachometer (#7)** into the **Billet Handlebar Clamp/Tach Mount (#1)**. It is held in place by the **O-Ring (#3)** supplied. **NOTE: If O-Ring is not installed, do so now. YOU MUST PUSH VERY HARD TO FULLY SEAT O-RING.** Carefully pull the tachometer wire harness through the hole in the **Billet Tach Cup (#2)** and secure the Billet Tach Cup to the Tach with the **10-24 X 1/8" Socket Set Screw (#6)** supplied.

2. Install the Risers: Install the **4" Chrome Handlebar Risers (#5)** with the two **1/2-13 X 2-3/4" HEX BOLTS (#11)** with the two **1/2" LOCK WASHERS (#12)** supplied.

3. Install the Handlebar Clamp/Tach Mount to the Risers:

Set the handlebars into the Chrome Handlebar Risers and install the Billet Handlebar Clamp/Tach Mount to the **Chrome Handlebar Risers** with the four **5/16-18 x 1" Chrome Socket Head Screws (#4)** supplied. Adjust handlebars to desired height and tighten bolts securely. Do not over-tighten. Snap the **4 Chrome Caps (#13)** into the Socket Head Screws.

4. Prepare the Tach Wiring: Route the tach wires through the **Billet Tachometer Cup**. Using an appropriate crimping tool, connect the Tachometer wires as follows:

See **FIG. 1**. Crimp the **RED** and **BLUE** tach wires to one **MALE TERMINAL (#10)**. Crimp the **GREEN** tach wire to one **MALE TERMINAL (#10)**. Crimp the **BLACK** tach wire to the **RING TERMINAL (#8)**. Using a non-flame heat gun, shrink the tubing at the end of the **MALE TERMINAL** until it is secure.

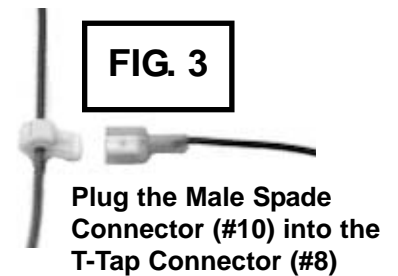
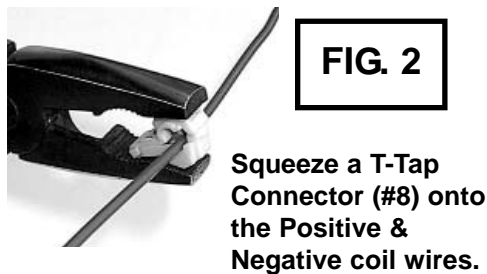
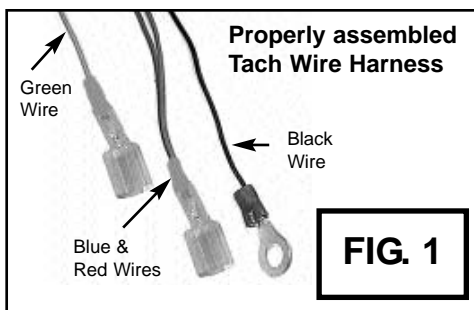
WIRING FOR STOCK COIL & IGNITION SYSTEM:

5. Remove Seat. Disconnect negative cable from battery. Remove the Speedometer/Fuel Inlet cover and plastic Fuel Tank Facade to expose the Left Side Ignition Coil. If desired, tach wire loom may be shortened as necessary.

6. Connect the Tachometer wires to your coil per the wiring diagrams for your model on Page 2.

WIRING INSTRUCTIONS:

- Un-plug the **NEGATIVE** and the **POSITIVE** Coil leads from the Coil.
 - SEE FIG. 2:** Using standard pliers, squeeze a quick splice **T-Tap Connector (#8)** on to the positive and negative coil wires as shown.
 - SEE FIG. 3:** Plug the **Male Spade Terminal (#10)** with the **Red** and **Blue** wires into the **T-Tap Connector** on the **POSITIVE Coil lead** according the wiring diagram for your particular model as shown below.
- Plug the **Male Spade Terminal (#10)** with the **Green** wire into the **T-Tap Connector** on the **NEGATIVE Coil lead** according the wiring diagram for your particular model as shown below.
- Plug all coil leads back into the ignition coil(s).
 - Install the **RING TERMINAL** with the **BLACK (GROUND)** tach wire to an adequate ground location such as the Coil mounting bolt.
 - Re-install the Fuel Tank Facade(s) and Speedometer/Fuel Inlet cover in reverse order of removal.



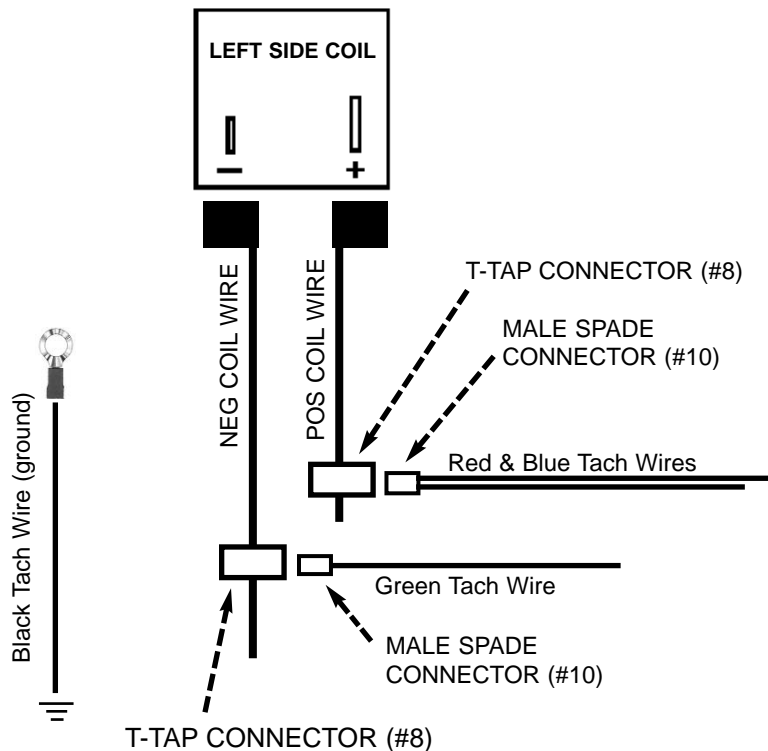
LEFT SIDE COIL COLOR CODES:

C50:

Positive Coil Wire is Orange/White Stripe.
Negative Coil Wire is White.

C90:

Positive Coil Wire is Orange/Brown.
Negative Coil Wire is White/Brown.



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