

**#803400/#803410/#803450
#803460 YAMAHA
BILLET TACH MOUNT KIT**



NOTE: THIS KIT IS NOT DESIGNED TO FIT WITH A FACTORY WINDSHIELD.

PARTS LIST:

ITEM:	PART NAME:	DESCRIPTION:	QTY.
#1	BILLET HANDLEBAR CLAMP	SUPPLIED	1
#2	BILLET TACH MOUNT	SUPPLIED	1
#3	BILLET TACH CUP	SUPPLIED	1
#4	10-24 X 5/8" SOCKET CAP SCREW	SUPPLIED	2
#5	10-24 X 1/8" SOCKET SET SCREW	SUPPLIED	1
#6	ELECTRONIC TACHOMETER	SUPPLIED	1
#7	PIGGY BACK PUSH-ON TERMINAL	SUPPLIED	2
#8	RING TERMINAL	SUPPLIED	1
#9	1/4" SHRINK TUBING, 2" LENGTH	SUPPLIED	1
#10	10-24 X 1/4" SOCKET SET SCREW	SUPPLIED	1

PREPARATION:

1. Remove and retain the (4) chrome caps from the handlebar clamps. Remove and retain the (4) stock allen head bolts. This hardware will be re-used with the new Billet Tach Mount Kit. Carefully remove the stock handlebar clamps while supporting the handlebars.

INSTALLATION:

2. Slide the Electronic Tachometer(#6) into the Billet Tach Mount (#2) and secure with the 10-24 X 1/4" Socket Set Screw (#10) supplied. Attach the Billet Tach Mount to the Billet Handlebar Clamp (#1) with the two 10-24 X 5/8" Socket Head Screws (#4) supplied. Carefully pull the tachometer wire harness through the hole in the Billet Tach Cup (#3) and secure the Billet Tach Cup with the 10-24 X 1/8" Socket Set Screw supplied. Install the Billet Tach Mount assembly with the four stock allen head bolts and chrome caps removed in step one above. Adjust handlebars to desired height and torque bolts to factory specs.

NOTE: If Handlebar Clamp does not line up, loosen nuts on riser studs and adjust accordingly.

WIRING FOR STOCK COIL & IGNITION SYSTEM:

3. Refer to FIG. #1. Remove Seat. Disconnect negative cable from battery. Remove fuel tank retaining bolts. Raise fuel tank sufficient to expose the Left Side Ignition Coil. If desired, tach wire loom may be shortened as necessary. Using an appropriate crimping tool, connect the Tachometer wires in the following manner:

Cut Shrink Tubing (#9) into two 1" pieces.

Slide a piece of Shrink Tubing over the GREEN tach wire and a piece over the RED and BLUE tach wires.

Crimp the RED and BLUE tach wires to one PIGGY BACK PUSH-ON TERMINAL (#7). Crimp the

GREEN tach wire to the remaining PIGGY BACK PUSH-ON TERMINAL. Crimp the BLACK tach wire to the RING TERMINAL (#8).

Slide the Shrink Tubing down to completely cover the exposed metal on the two PIGGY BACK PUSH-ON TERMINALS. Using a non-flame heat gun, shrink the tubing until it is secure.

Un-plug the ORANGE (NEG) and the RED/BLACK (POS) Coil leads from the Coil. Push the ORANGE (NEG) coil wire on to the PIGGY BACK PUSH-ON TERMINAL with the GREEN tach wire and plug in to the NEGATIVE terminal on the coil.

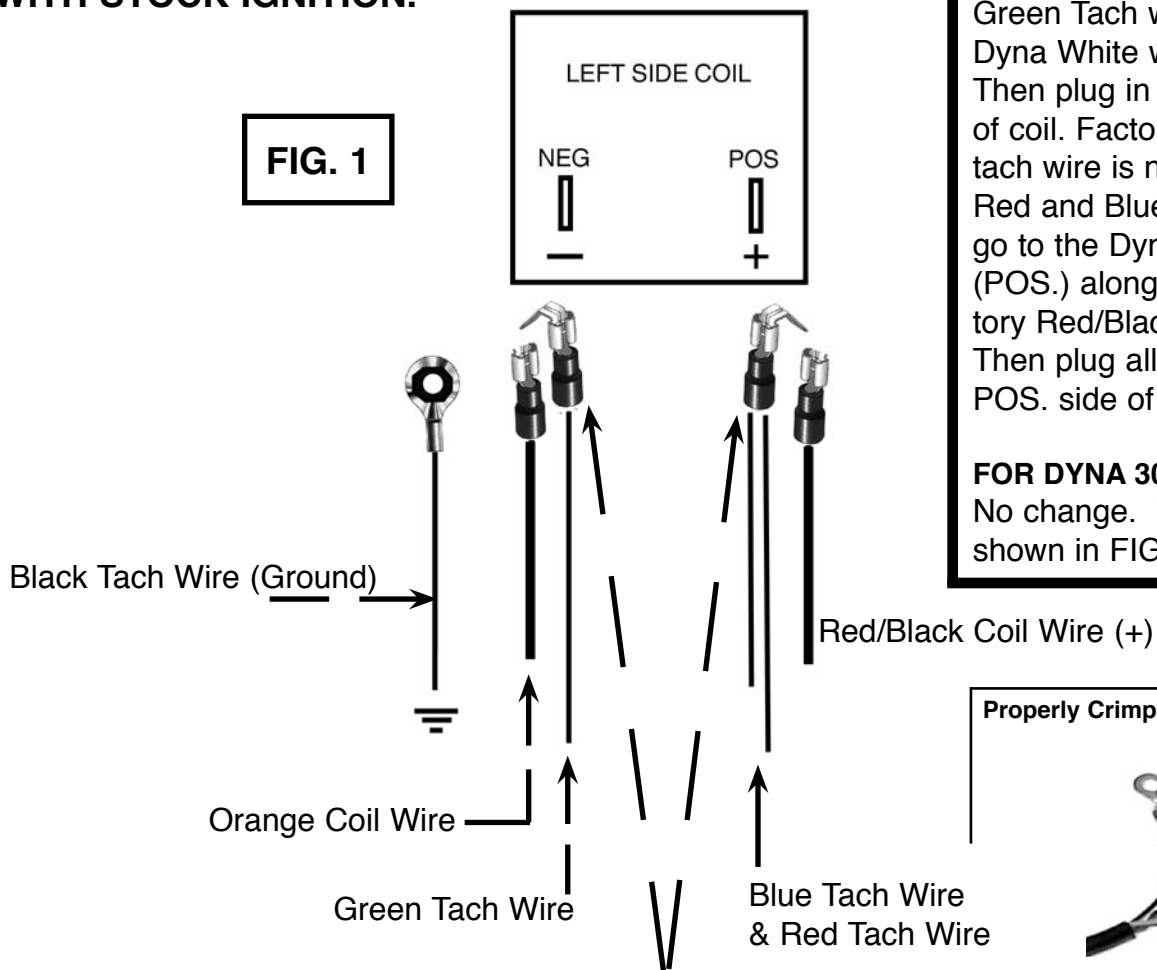
Push the RED/BLACK (POS) coil wire on to the PIGGY BACK PUSH-ON TERMINAL with the RED and BLUE tach wires and plug in to the POSITIVE terminal on the coil.

Install the RING TERMINAL with the BLACK (GROUND) tach wire to an adequate ground location.

Re-install gas tank, seat, and battery cable in reverse order of removal.

EXAMPLE: LEFT SIDE COIL ON ROAD STAR WITH STOCK IGNITION.

FIG. 1



NOTE:

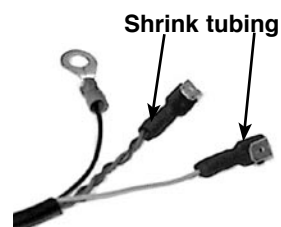
FOR DYNA 2000 IGNITION:

Green Tach wire goes to Dyna White wire (NEG.) Then plug in to NEG. side of coil. Factory Orange tach wire is not used. Red and Blue Tach wires go to the Dyna Red wire (POS.) along with the factory Red/Black coil wire. Then plug all 4 wires in to POS. side of coil.

FOR DYNA 3000 IGNITION:

No change. Wire as shown in FIG. 1 at left.

Properly Crimped Wire harness:



SHRINK TUBING MUST COVER TERMINAL ENDS!

IF YOU HAVE ANY FURTHER QUESTIONS PLEASE CONTACT US AT: 909-445-0900