

THUNDER MAX

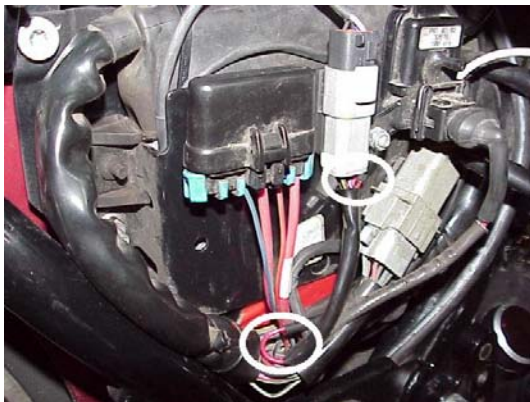
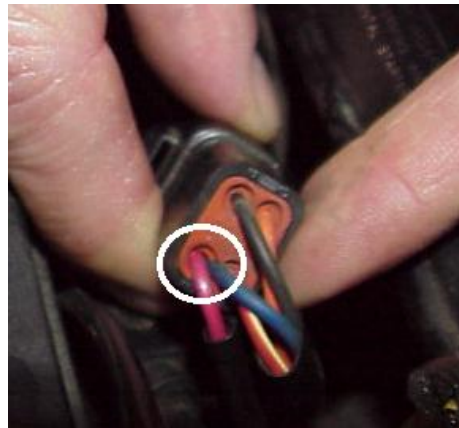
EFI made simple.

Special Procedure for AutoTune Wiring on Marelli Bikes

Your AutoTune module is designed to communicate with the ThunderMax through the bike's Data Link connector. This port is also where the AutoTune draws its power. However, on 1997-2001 model Big Twins, the 12 volt terminal (#4 in the Data Link plug) is "hot" at all times, not upon "key-on" as are 2002 and later (Delphi) bikes. The Data Link must be rewired to provide power for the AutoTune module only when in the "key-on" position or battery drain will result.

To rewire this plug:

Identify the "Accessory" plug, located under the seat nose, just below and to the right of the frame's backbone where it intersects with the frame side rails. This plug has 4 wires routed to it. Locate the blue wire in the #1 position. Remove the rubber seal plug (or, if there are any accessories plugged into the accessory port, temporarily unplug the accessory). Remove the socket lock and push the #1 terminal and wire out of the plug. Clip off the terminal end and install a new (supplied) terminal on the blue wire along with the supplied length of orange wire (crimp together). Reinstall the terminal into the #1 port of the accessory plug and reassemble the plug.



Remove the lock from the Data Link plug and push the red/orange wire and terminal from the #4 position. Route the orange wire from the accessory plug to the Data Link plug. Crimp the supplied terminal to the orange wire and install it into the Data Link #4 plug. Install the supplied shrink tubing over the original red/orange "hot" wire terminal end, apply heat to shrink it and tuck the covered terminal into the harness sleeve. Your Data Link plug will now be wired "hot" through the key switch.

You may choose to source your "key-hot" wire from another location; certainly your choice. Whatever you choose, the wire in the #4 Data Link plug must be changed to a "key-hot" wire or a dead battery will be the result.