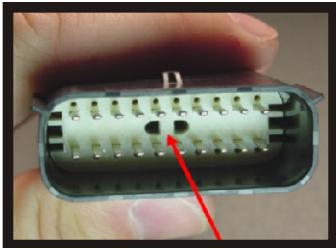# NAMZ "Plug-n-Play" Throttle-by-Wire Harness Kit
Part Number: NTBW-4201

1. BE SAFE, DISCONNECT THE BATTERY FIRST!
2. Our Throttle-by-Wire harness comes ready to install. It is intended for 2008 FL models only.
3. Before you remove your OEM handlebars, disconnect the green connector attached to the twist grip assembly.
4. Now that the twist grip harness is disconnected, trace the wire into your faring (Glides) or headlight nacelle (Road King) until you find the black 6-position Molex connector.
5. Once located, you can now disconnect the throttle-by-wire harness from the main harness.
6. It is recommended to route the NEW throttle-by-wire harness into your new handlebars before they are mounted on the motorcycle.
7. Once the bars are installed, connect the new harness to the twist grip assembly and install twist grip into the handlebar.
8. Lastly, connect the new harness at the 6-position Molex connector to the main harness.
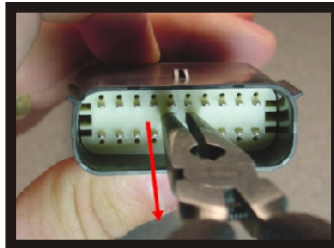9. Reconnect the battery and test accordingly.

DISCONNECT THE BATTERY FIRST!
Once the Molex Connectors have been removed from your throttle-by-wire harness, simply match the colored wire with the mating terminal found on the extension harness. Be sure to cover the terminals with the 3" long heat shrink allowing ½" overlap on each side. Heat the shrink tubing in place on each terminal splice and allow the tubing to cool for a few minutes before reinstalling. When all connections have been made, cover the extension harness with the heat shrink provided.
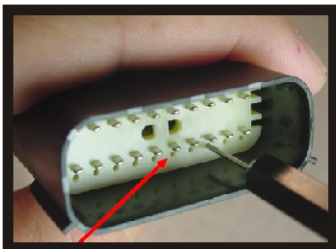
Male Terminal Removal & Re-Installation

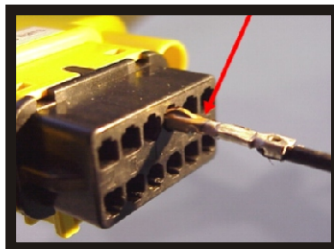1. Place small needle nose pliers into the service holes on male connector.

2. Pull outward on the pliers, listen for a click, then the TPA will be unlocked.

Connector Installation

3. Once TPA is unlocked, insert the removal tool as shown & pull wire to remove from connector housing.

4. When our extension harness is installed onto the factory switch wiring, re-install the male terminals into the connector as shown.

Materials:

(1) Red Wire

(1) Gray Wire

(1) Black Wire

(1) Violet Wire

(1) Blue Wire

(1) Brown Wire

When it comes to quality motorcycle electrical parts, NAMZ is the brand you can depend on.