



www.namzccp.com

### NAMZ Custom Cycle Products, Inc

1440 Ulmer Avenue  
Oreland, PA 19075

Technical Support is available Monday-Friday, 9am-5pm EST via email at [tech@namzccp.com](mailto:tech@namzccp.com) or call us at 1-877-277-NAMZ.

Part Number: NHCX-UDN (pictured) & NHCX-USB



Fitment: 1996-2006 Harley Davidson - ALL Models

**This product is intended:** NAMZ Handlebar Control Universal Solder Extension kits (24") provide an easy way to extend all the OEM wiring to your handlebar switches without having terminal to terminal splices. All that work is done for you by the professionals. Installs in minutes and makes handlebar extension jobs go that much quicker and smoother!

#### What is included in this kit

- (12) or (24) OEM Color Matching wires (pre-crimped and striped, ready for installation).
- (12) or (24) 3/16" x 2.5" heat shrink for each connection.
- (2) 1/2" heat shrink at (24") length for either kit.

#### Recommended Tools:

- Small Flathead Screwdriver (or straight pick tool)
- Heat Shrink Gun
- Diagonal Cutters
- Soldering Iron and Solder

#### WARNING!

**This product should be installed by a professional motorcycle technician or reputable shop/ dealership. Improper installation may result in loss of Handlebar Control Functions.**

#### Installation instructions:

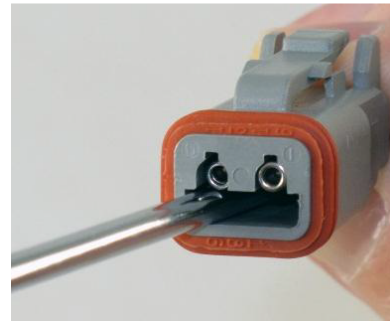
1. Remove seat and disconnect the negative battery cable.
2. Locate your Gray (left) and Black (right) Deutsch handlebar control connections.
3. Disconnect the handlebar switch harness connections.
4. Remove the wiring from the handlebar connectors using the small Flat-Head Screwdriver (or straight pick tool)

NOTE: Be sure to take note of what wire was in what position or refer to your service manual schematic to confirm BEFORE removing your wires from the OEM connector.

5. How to remove the wires from the Female Deutsch connectors:
6. Using the Flat-Head Screwdriver (or straight pick tool), grasp the secondary wedge lock (orange piece), then pull it straight out of the connector.



7. Insert the Screwdriver tip (or straight pick tool) into the contact cavity of the terminal to be removed and gently pry back on the locking tab (away from the terminal).



8. Holding the rear seal of the connector in place, pull the wire until the terminal is fully removed.
9. Once the Deutsch Connectors have been removed from your handlebar switch harness, you can simply cut off the terminals and prepare to solder. It's best to cut half of the wires a few inches shorter to allow for a staggered solder joint. (Use 2.5" long heat shrink to cover each solder joint.)
10. After soldering each wire, heat 2.5" shrink over the splices and allow the tubing to cool for a few minutes.
11. When all connections have been made, cover the entire extension harness with the larger (1/2") heat shrink provided.
12. Put the wires back into the OEM connectors and reconnect to the bike. Check all functions before final reassembly.
13. Reconnect the Battery and check all functions before final reassembly.

continued



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Below you will find the procedures for de-pinning the Deutsch connectors attached to your speedometer wiring harness.

1996 to 2006

Harley Davidson Handlebar Controls, (All Non-Bagger Models)

**Left Side**

- ORANGE/WHITE
- YELLOW
- BLUE
- WHITE
- WHITE/VIOLET
- YELLOW/BLACK

**Right Side**

- BLACK/RED
- WHITE/BROWN
- WHITE/BLACK
- GRAY
- RED/YELLOW
- ORANGE/WHITE

Harley Davidson Handlebar Controls, (Baggers)

**Left Side**

- ORANGE/BLACK
- GRAY/GREEN
- GREEN/BLUE
- PINK/WHITE
- BROWN/BLACK
- VIOLET/BLACK
- YELLOW/BLACK
- WHITE/VIOLET
- WHITE
- BLUE
- YELLOW
- ORANGE/WHITE

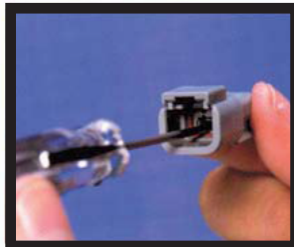
**Right Side**

- ORANGE/WHITE
- RED/BLUE
- GRAY
- WHITE/BLACK
- WHITE/BROWN
- BLACK/RED
- BROWN/WHITE
- GRAY/WHITE
- PINK/WHITE
- VIOLET/BLACK
- WHITE/BLUE
- BLUE/BLACK

Connector Removal



1. Remove orange wedge using needle nose pliers to wedge straight out.



2. Gently pull back the wire while at the same time releasing the lock finger by moving it away from the contact with a screwdriver.



3. Hold the rear seal in place, as removing the contact will displace the seal.

Connector Installation



1. Grasp contact approximately 1" behind the contact barrel.



2. Hold the connector with the rear grommet facing you.



3. Push contact straight into the connector grommet until a "click" is felt. A slight tug will confirm that it is properly locked in place