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### NAMZ Custom Cycle Products, Inc

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Oreland, PA 19075

Technical Support is available Monday-Friday, 9am-5pm EST via email at [tech@namzccp.com](mailto:tech@namzccp.com).

**Part Number:** NSXH-D15 and NSXH-M15



#### Fitment:

(Top Image)

**NSXH-D15:** NAMZ Speedometer / Tachometer Xtension Harness 15", Fits Sportster 1999 - 2006, All Dyna 1999 - 2006, FXDB 2006-2011 and FXDL 2009-2011. Allows for easy relocation of speedo/tach cluster when using tall risers.

(Bottom Image)

**NSXH-M15:** NAMZ Speedometer / Tachometer Xtension Harness 15", Fits Sportster 2007-2013 and Dyna FXD Models 2007-2009. Allows for easy relocation of speedo/tach cluster when using tall risers.

**This product is intended:** NAMZ Tall Boys Speedo extension Harnesses are the easiest & cleanest way to extend the wires to your speedometer and tach when installing tall risers or relocating the speedometer. The 15" extension will easily accommodate up to 12" tall risers. All the work is done for you by the professionals. Installs in minuets and makes speedometer extension jobs go that much quicker and smoother!

#### What is included in this kit?

- NSXH-D15 or M15 Harness
- 12) 3/16" x 2.5" Heat Shrink

#### Recommended tools:

- Needle Nose Pliers
- NMTRT-01 (Molex MX-150 Terminal Removal Tool)
- Straight Pick Tool
- Heat Shrink Gun

#### WARNING!

*This product should be installed by a professional motorcycle technician or reputable shop/ dealership.*

*Improper installation may result in chatengine damage or an electrical short.*

#### Installation instructions:

1. Remove seat and disconnect the negative side of the battery.
2. Remove speedometer wiring harness out to where it intersects the main harness.
3. Trace the speedometer wiring harness out to where it intersects the main harness.
4. Disconnect the OEM speedometer harness by depressing the locking tab(s) on the connector.
5. Use the Guides below to de-pin the stock connectors.
6. Match the colored wire with the mating terminal found on the extension harness.
7. Cover the terminals with the 2.5" heat shrink being sure the shrink is even on both sides, and heat shrink in place.
8. Reinstall the speedometer harness by connecting it to the main harness and into the speedometer.
9. Be sure to route the harness so that no wires will be pinched, and harness will not hinder the movement of the front end.
10. Reconnect battery and ensure proper functions.

(continued)





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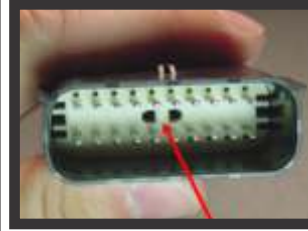
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To the right, you will find the procedures for de-pinning the Molex connector attached to your speedometer wiring harness.

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

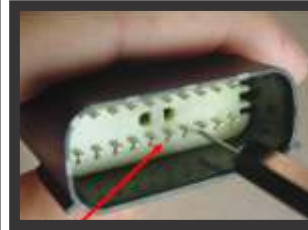
### Male Terminal Removal & Re-Installation



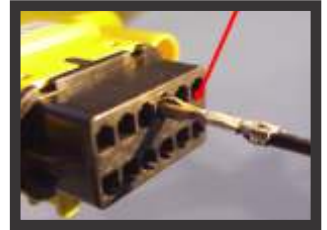
1. Place small needle nose pliers into the service holes on the male connector.



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



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



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

### 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