

Installing a Head Cable with a 15 pin IDC Connector

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Parts List

- 55" Cable with Pre-installed Connector on one end only
- 15 Pin IDC Connector
- Grommet
- Heat Shrink

The official connector install tool is a **TE CONNECTIVITY/AMP 59803-1 Insertion Tool**



Instructions

- 1) Remove the old cable from the frame of the bike; you'll need to cut the cable, and remove any remnants of heatshrink stuck around the metal piece where the cable passes through the frame.
- 2) Starting from the inside of the frame, feed the new cable through the frame.

3) Slide the heatshrink over the cable protruding from the frame, you want the area where the sheath is removed exposed out of the heatshrink. The other side of the heatshrink should go over the metal cable exit from the frame.



4) After shrinking the heatshrink slide the grommet over the cable.

5) Now you'll install the other 15 pin connector, this is an IDC type connector which means you just push the wires down into it with a tool (or a very fine flat blade screwdriver or similar).

The plastic connector housing has the pin numbers molded into it.

Pin	Color	Stripe
1	Green	White
2	Red	White
3	Blue	White
4	Black	White
5	Blue	Black
6	Orange	Black
7	Green	Black
8	White	Black
9	Red	Black
10	Blue	
11	Orange	
12	Green	
13	Black	
14	White	
15	Red	

This is what the connector should look like after install, note the depth of the wires into the connector, any that are not pushed down enough may not make a reliable connection.

