

# *Installation Guide*

## *Harley-Davidson*

### *MC/MIC*

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**DO NOT ATTEMPT THIS INSTALLATION IF YOU ARE COLORBLIND!**

This module can be installed on both 1998 - 2005 model years and 2006 and newer model years. Where instructions differ, they will be clearly indicated.

#### **PRE-INSTALLATION**

Verify that the bike's audio system is operational. Check audio and radio functions at both the rider and passenger positions.

#### **HARNESS INSTALLATION**

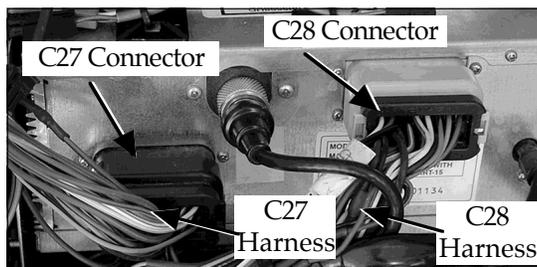
##### Tools Required

- ◇ #27 Torx nut driver
- ◇ Large Phillips head screwdriver ('98 - '05 model years)
- ◇ 1/4" wide blade flat screw driver
- ◇ 1/16" wide blade flat screw driver
- ◇ Thin Needle nose pliers or hemostats (preferred)
- ◇ Small diagonal cutters
- ◇ Iso-Tip, Micro heat gun (Kennedy part # 35021)
- ◇ Razor Blade

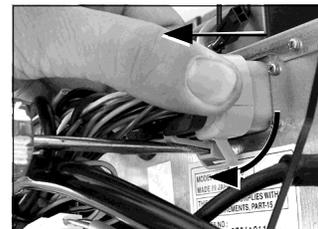
Remove the bike's windscreen. Set the windscreen aside in a secure place  
Remove the fairing. Disconnect the headlamp from the bike's wiring harness and place the fairing in a secure place.

#### **Instructions for '98 to '05 Model Years**

Use the 1/4" wide blade flat screw driver to remove Ampseal connector C28 (refer to Photos 1 and 2).



*Photo 1 - Radio, Rear View*



*Photo 2 - Connector Removal*

## Instructions for '06 and Newer Model Years

Use your index finger to lift the tab and remove Ampseal connector C28.

### Instructions for all Models

Use the diagonal cutters and razor blade to cut any tie wraps or harness coverings away from the harness connected to C28. At least 3 " of wire must be unsheathed.

Use a 1/16" wide blade flat screw driver to push the Ampseal connector wedge lock tabs away from the red wedge lock as shown in Photo 3. Pull the wedge lock up as shown in Photo 4. *The wedge lock should never be removed from the housing for insertion or removal of the contacts.*

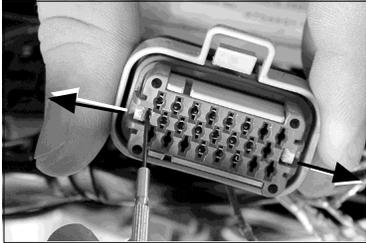


Photo 3 - Connector Disassembly Step 1

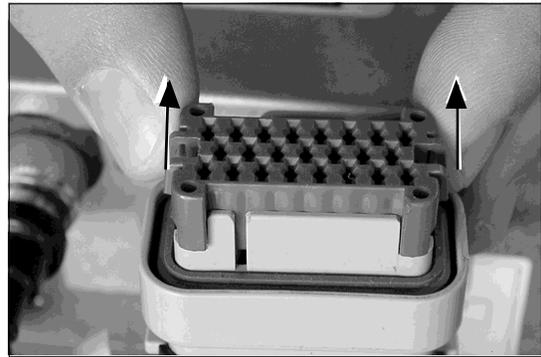


Photo 4- Connector Disassembly Step 2

### Technique for removal of Ampseal contacts from the connector housing (refer to Photos 5 and 6):

Grab the wire to be removed with needle nose pliers or hemostats. While rotating the wire back and forth over a half turn (1/4 turn in each direction), gently pull the wire until the contact is removed.



Photo 5- Pin Removal, Step 1



Photo 6- Pin Removal, Step 2

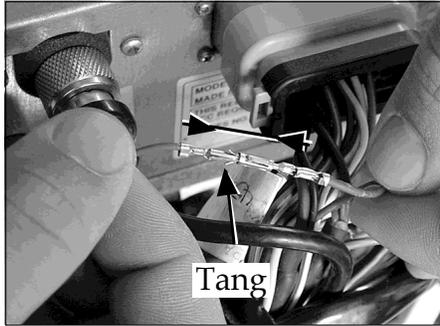
### End of Removal Technique

Installing Kennedy Audio Interface Harness part #85582

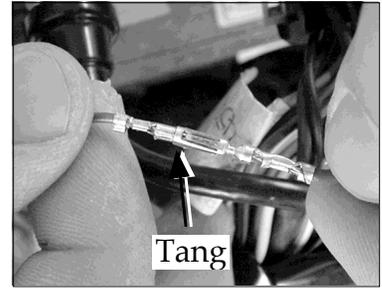
Locate Kennedy harness part #85582 and 3 pieces of 1/8" diameter x 2" shrink-wrap.

The sequence for installing the harness is:

- ◇ Locate and remove the appropriate contact from the Ampseal connector (refer to Figure 1, below).
- ◇ Place a piece of heat shrink over the corresponding mating pin on Kennedy harness #85582.
- ◇ Press the mating pin and the Ampseal connector contact together (See Photos 7 and 8)

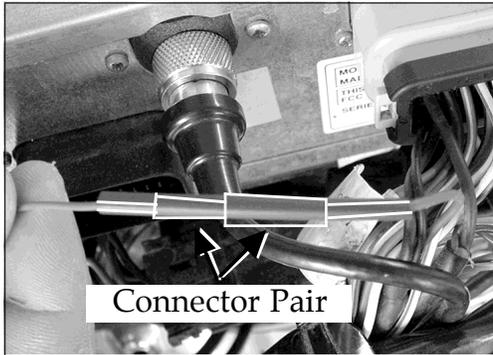


*Photo 7- Pin and Socket, pre-Seated*



*Photo 8- Pin and Socket, Seated*

Slide the heat shrink tube back over the mating pair. Center the splice within the heat shrink. Apply heat as shown in Photos 9 and 10.. Let the heat shrink cool completely before moving the connection.



*Photo 9- Heat shrink Position*



*Photo 10- Heat Application*

Insert the proper Ampseal contact of the Kennedy Amp harness #85582 into the empty connector position just created.

NOTE: If a contact pair is connected in error, carefully cut the heat shrink down its length with the razor blade and pull it off the mated contacts

### Instructions for '98 to '05 Model Years

Figure 1, shows the connections to be made:

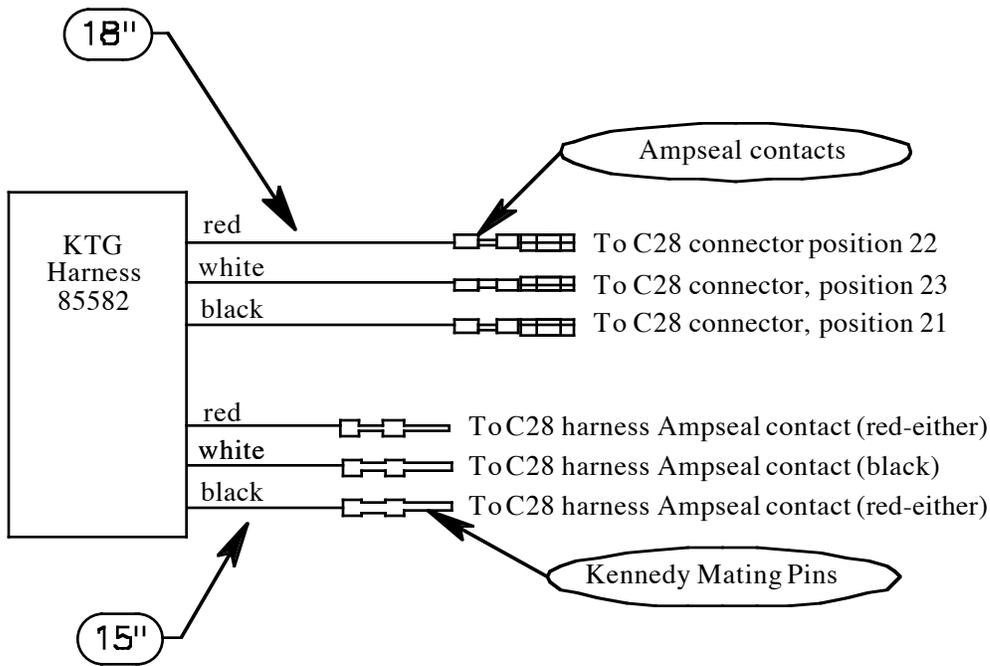


Figure 1, C28 and Kennedy Intercom Interface harness 85582 Connection, '98-'05 Model Years

### Instructions for '06 and Newer Model Years

Figure 1A, shows the connections to be made. Please note that only the white and black wire of the Kennedy Harness are connected. Use the small diagonal cutters to clip the red wires flush to the Kennedy connector. Discard the clipped wires.

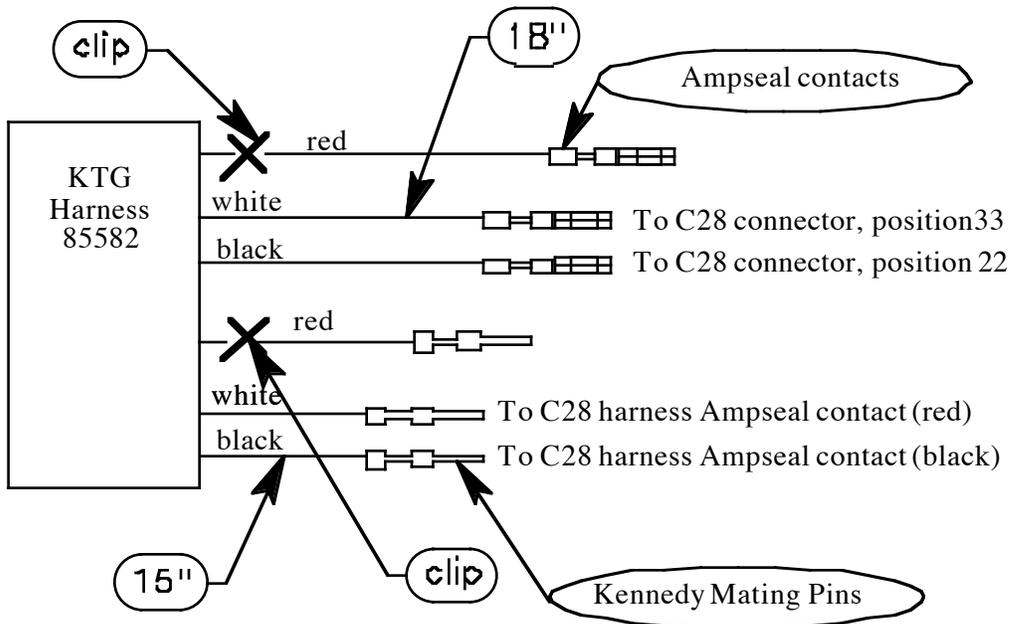


Figure 1A, C28 and Kennedy Intercom Interface harness 85582 Connection, '06 and newer Model Years.

## Instructions for all Models

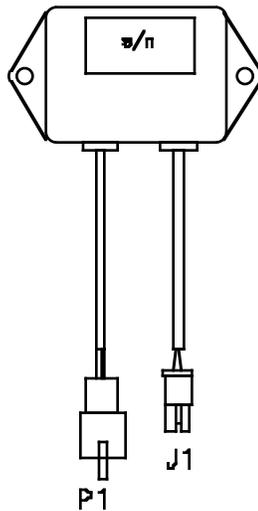
Reassemble the Ampseal connector by pressing the red wedge lock down until the locking tabs seat. If any Ampseal contact is not seated correctly, the red wedge lock will not close. Push any unseated contact further into the connector.

Plug Ampseal connector C28 back into the radio.

Connect *CellSet* jack **J1** to either the GPS Harness or Mic harness you purchased.

Next connect *CellSet's* jack **P1** to the Kennedy Audio Interface Harness part #85582.

Mount the box to the bike using tie wraps.



### OPERATION

**Turn on your audio system** and adjust it to its usual settings. Put on your helmet/helmet.

To talk on the phone after you take or make a call, simply speak into your headset's microphone.

Please note that the rider and passenger microphones are live during a phone call. This means that you may speak on the phone at any time without having to triggering the Harley system's squelch. This is an advantage: Since the Harley system mutes the auxiliary audio when the squelch is triggered, it may cause disruption in the phone conversation when the person on the other end of the line speaks immediately after you finish speaking.