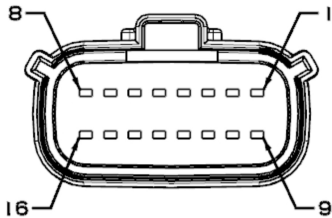# Installation Guidelines for Air Inlet Tubes

1 Remove radiator covers and anything that blocks access to the rear portion of the headlight. This can include the airbox, abs cover and any aftermarket parts that have been installed that limit the ability to slide the tube into the opening.
2 Clean the inside of the headlight inlet. This is very important as sand and grit will scratch the polycarbonate plastic.
3 Test fit the inlet tubes to insure a clear pathway and clearance is available to fit the tubes in place.
4 Remove the paper tape from the butyl adhesive and position the tube into the headlight so the logo is properly aligned. As you line up the logo where you want it push the tube forward until it meets the front edge of the headlight.
5 Begin to run the wiring from the driver packs to the headlight and tube. The driver pack will have a long lead with a female JST connector and a short lead with a male JST connector. There will also be another lead with a black and yellow pair. Route the two short wires to the tube and rear of headlight for connections. Route the long end to the controller. Do this for both headlights and locate the controller near the fuse box for connection.
6 Plug in the inlet tubes to the driver packs
7 Connect the black and yellow wires to (Black – Ground) (Yellow – Turn signal). On the challenger headlight the turn signal wires are as follows:

 Left headlight turn signal – WH/GY PIN 5
Left headlight ground   - BLACK   PIN 7

Right headlight turn signal – WH/GY PIN 5
Right headlight ground   - BLACK PIN 7

***** **Ground is a mandatory connection** *****

Turn Signal is optional (if you want the tube to flash AMBER with the turn signals)

8 Connect the driver pack main leads to the controller pig tails
9 Connect the controller ground to a body connection for good grounding.
10 Connect the B+ wire to any source of +12V. This can be to the B Post, Park light B+ wire or to an optional switch if desired.
11 Once all the connections have been made download the iPhone or Android App for the controller. You can scan the QR code on the card provided with the kit or download directly from the App or playstore.