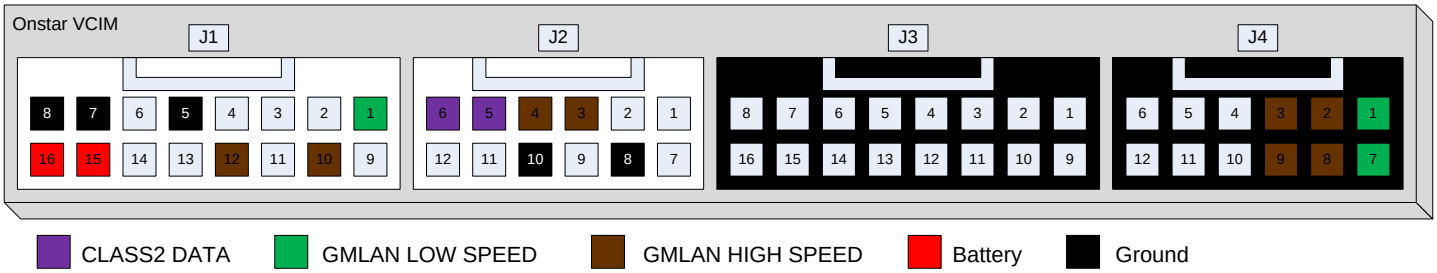
Application Note
External GMLAN Connection



In cases where the GMLAN LOW SPEED connection is located on the BLACK J4 connector, and not on the white J1 connector, it is necessary to wire this signal into the white connector so that the BlueSTAR module can communicate with the radio. This is accomplished by using the included t-tap to splice the jumper wire to either GMLAN LOW SPEED signal located in J4-1 or J4-7 (usually green wire), and routing it to the GMLAN LOW SPEED signal on the BlueSTAR connector, J1-1. If both GMLAN LOW SPEED signals are populated, OR all four GMLAN HIGH SPEED wires are populated in J4, you MUST leave the BLACK J4 connector plugged into the onstar module to insure that the GMLAN bus is carried on to the rest of the vehicle.

To insert the jumper wire into the white J1 connector, the small white rectangle on the opposite side of the release tab on the white connector (figure 1) must first be pried up slightly by inserting a small screwdriver into the slots. Once lifted slightly, the pre-crimped jumper wire can be inserted into pin 1. The small tabs on the crimped pin (figure 2), should be facing the release tab on the white connector. When inserted properly, you should hear a click, and the pin should not be able to be pulled out. Press the white rectangle back into place to lock the pin in location (figure 3). Using the wire t-taps provided, connect the jumper wire to either GMLAN LOW SPEED signal on the BLACK-J4 connector.

Figure 1
J1 connector with locking rectangle pried up with small screwdriver.

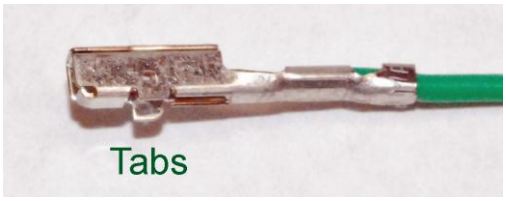


Figure 2
Crimped pin – tabs on bottom

Figure 3
Wire installed in pin 1. White rectangle needs to be pushed back into place to lock.