

If the AXTC-VW1's LED light didn't turn solid **Green** at the end of the vehicle programming sequence (step 6 from the AXTC-VW1 instructions), but flashed slowly **Green** instead, this means the AXTC-VW1 didn't detect the vehicle. Follow the steps below to trace down where the problem may lie. If any of the following steps are performed, reset and reprogram the AXTC-VW1 per the vehicle specific document.

Is the interface programmed?

Make sure the AXTC-VW1 is programmed exactly as the vehicle specific document is worded. The **Volume Up** button on the the steering wheel should be tapped at a heartbeat pace. Try tapping the **Volume Up** button at different speeds if no success after a couple attempts.

Does the factory equipment work?

Reinstall the factory radio and any electronic modules that are unplugged. Test the steering wheel control buttons, starting with the **Volume Up** button. If they don't work 100%, they will need to be repaired before using the AXTC-VW1.

Does the interface have power?

Connect the leads from a digital multimeter (DMM) to the **Black** (pin-7) and **Yellow** (pins 1 & 11\*) wires from the AXTC-VW1's 20-pin connector. The meter should read roughly 12-volts DC. If there's no power there, trace the wires back to the factory harness and test the factory wires.

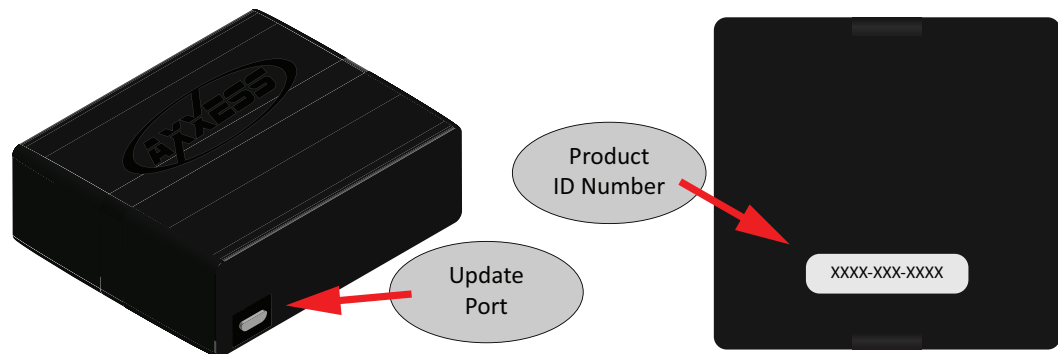
\* Check each wire one at a time

Does the interface have a good ground?

Still not working? Cut the **Black** ground wire from the AXTC-VW1 loose, crimp a ring terminal onto it, then secure it to a good chassis point in the vehicle. If the wire needs slightly extended, use the same gauge wire, along with a proper terminal to extend the wire. Soldering is also acceptable. Do not use tapping style connectors.

Update the AXTC-VW1

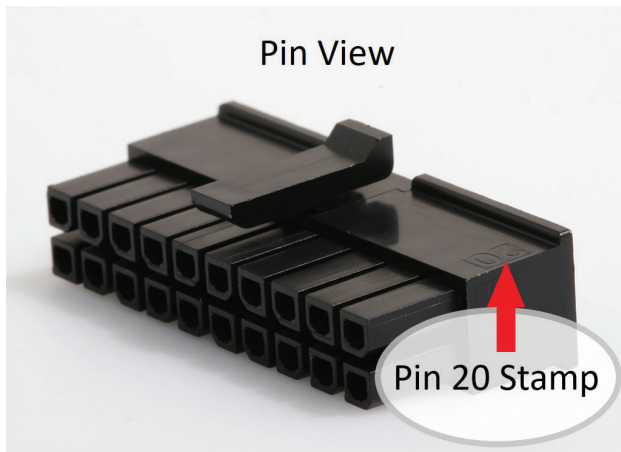
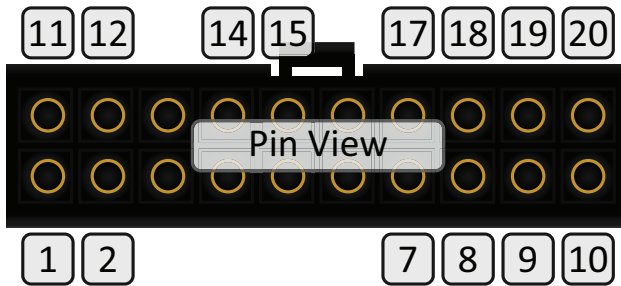
If all troubleshooting steps have been performed and the AXTC-VW1 still doesn't go solid **Green** at the end of the programming sequence, update the AXTC-VW1 to the latest firmware, then try programming once more. If the AXTC-1 still doesn't go solid **Green** at the end of the programming sequence, contact **Tech Support** at **1-800-253-TECH**. Be prepared to perform some tests in the vehicle when you contact **Tech Support**, and have the **VIN** of the vehicle and the **Product Identification Number** on the bottom of the AXTC-VW1 noted.



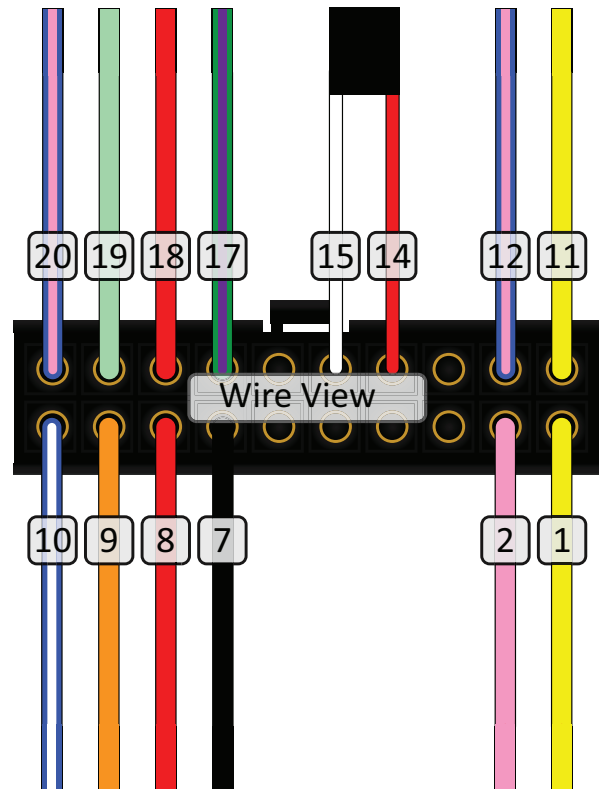
Back of AXTC-VW1

### AXTC-VW1 20-Pin Connector Pinout

This is the view of the AXTC-VW1 wiring harness looking at the **front of the connector** (pin view). For reference, the connector has the number 20 stamped onto it.



This is the view of the AXTC-VW1 wiring harness looking at the **back of the connector** (wire view). For reference, the connector has the number 20 stamped onto it.



| Wire # | Color          | Function                     | Input / Output | Notes                |
|--------|----------------|------------------------------|----------------|----------------------|
| 1      | Yellow         | 12V+ Battery Power           | Input          | Tied with pin-11     |
| 2      | Pink           | CAN-HI Data                  | Input          |                      |
| 7      | Black          | Ground                       | Input          |                      |
| 8      | Red            | 12V+ (5-amp) Accessory Power | Output         | Tied with pin-18     |
| 9      | Orange         | 12V+ Illumination            | Output         |                      |
| 10     | Blue/White     | 12V+ Amplifier Turn-On       | Input          |                      |
| 11     | Yellow         | 12V+ Battery Power           | Input          | Tied with pin-1      |
| 12     | Blue/Pink      | CAN-LO Data                  | Input          |                      |
| 14     | Red (skinny)   | SWC 3.5mm Jack +             | Output         | Tip of 3.5mm jack    |
| 15     | White (skinny) | SWC 3.5mm Jack -             | Output         | Ring of 3.5mm jack   |
| 17     | Green/Purple   | 12V+ Reverse Trigger         | Output         |                      |
| 18     | Red            | 12V+ (5-amp) Accessory Power | Output         | Tied with pin-8      |
| 19     | Light Green    | 12V- Parking Brake Trigger   | Output         |                      |
| 20     | Blue/Pink      | VSS (speed pulse)            | Output         | 4000 pulses per mile |