Jeep/Ram **Select Models Data Interface 2014-Up**

INTERFACE FEATURES

- Provides accessory power (12-volt 10-amp)
- Retains R.A.P. (retained accessory power)
- Provides NAV outputs (parking brake, reverse, speed sense)
- Pre-wired AXSWC harness (AXSWC sold separately)
- Retains the factory backup camera
- Designed for non-amplified models
- Retains balance and fade
- Retains the factory AUX-IN jack
- Allows retention and adjustment of the * Personalization Options
- Adjust * Personalization Options through a Bluetooth application
- Smartphone application offering full control from either Android or Apple mobile devices
- Micro-B USB updatable

* Actual options available vary per vehicle and per trim. (Refer to owner's manual for options available in vehicle)

INTERFACE COMPONENTS

- AXVI-6524 interface
- AXVI-6524 harness
- 2-pin CAN harness

APPLICATIONS

Jeep		Ram	
Renegade	2015-2017	Promaster (w/ color screen)	2014-Up
Renegade Sport	2018	Promaster City	2015-Up
Wrangler JL (Base model)	2018-Up		

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OPTIONAL ACCESSORIES (sold separately)

Steering wheel control interface: AXSWC
OBD T-harness: AX-IL-OBD2

TOOLS REQUIRED

- Crimping tool and connectors, or solder gun, solder, and heat shrink • Tape • Wire cutter
- Zip ties

Product Info

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CONNECTIONS

From the AXVI-6524 harness to the aftermarket radio:

- Connect the **Black** wire to the ground wire.
- Connect the **Yellow** wire to the battery wire.
- Connect the (3) **Red** wires to the accessory wire.

  Note: If installing an AXSWC (sold separately), there will be an accessory wire there to connect as well.
- If the vehicle is equipped with a factory amplifier, connect the (2) **Blue/White** wires to the amp turn on wire.
- If the aftermarket radio has an illumination wire, connect the **Orange** wire to it.
- Connect the **Gray wire** to the right front positive speaker wire.
- Connect the **Gray/Black** wire to the right front negative speaker wire.
- Connect the **White** wire to the left front positive speaker wire.
- Connect the **White/Black** wire to the left front negative speaker wire.
- Connect the **Green** wire to the left rear positive speaker wire.
- Connect the **Green/Black** wire to the left rear negative speaker wire.
- Connect the **Purple** wire to the right rear positive speaker wire.
- Connect the **Purple/Black** to the right rear negative speaker wire.

The following (3) wires are only for multimedia/navigation radios that require these wires.

- Connect the **Blue/Pink** wire to the VSS/speed sense wire.
- Connect the **Green/Purple** wire to the reverse wire.
- Connect the **Light Green** wire to the parking brake wire.
- Tape off and disregard the following (2) wires, they will not be used in this application: **Blue/White** (qty. 2)
- If retaining the factory backup camera, connect the **Yellow** RCA jack to the backup camera input.
- If retaining the factory AUX-IN jack, connect the **Red** & **White** RCA jacks to the AUX input.

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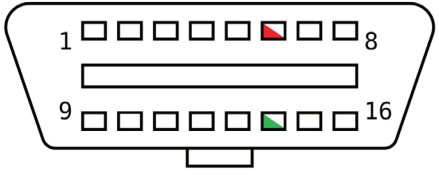
CONNECTIONS *(CONT.)*

CAN connections to the vehicle:

- Disconnect the 2-pin connector from the **AXVI-6524 harness**.
- Connect the **2-pin CAN harness to the AXVI-6524 harness**.
- Route the harness to the vehicles OBD port located under the driver's side dash.

Option 1 (excluding Wrangler)

- Connect the **White/Red** wire to the CAN-HI wire. (Figure A)
- Connect the **White/Green** wire to the CAN-LO wire. (Figure A)



(Figure A)

Option 2

- Use part number **AX-IL-OBD2** to "T" into the OBD port.

AX-IL-OBD2 Wiring (sold separately)

- Locate the wires that have the #1 on them
- Color match the wires to the 2pin CAN harness
- Connect them back into the 2pin that was disconnected from the AXVI-6524

12-pin pre-wired AXSWC harness:

This harness is to be used along with the **AXSWC** (sold separately) to retain steering wheel audio controls. If the **AXSWC** is not being used, disregard this harness. If it is to be used, please refer to the AXSWC instructions for radio connections and programming. Disregard the harness that comes with the **AXSWC**.

INSTALLATION

With the key in the off position:

1. Connect the **AXVI-6524 harness** to the **AXVI-6524 interface**, and then to the wiring harness in the vehicle.
2. If an **AXSWC** (sold separately) will be used, do not connect it until the **AXVI-6524** is programmed and fully functional.

PROGRAMMING

Attention! If the interface ever loses power, the following steps will need to be performed again. Please ensure that the owner of the vehicle knows this.

1. Turn the key (or push-to-start button) to the ignition position and wait until the radio comes on.

   Note: If the radio doesn't not come on within 60 seconds, turn the key to the off position, disconnect the interface, check all connections, reconnect the interface, and then try again.
2. Turn the key (or push-to-start button) to the off position, then open and close the driver's door.
3. Wait 5 minutes for the vehicle to fully go to sleep.
4. Start the vehicle, then test all functions of the installation for proper operation.

APP INSTRUCTIONS

1. Download and install the AX-CUSTOM-BT app from the Android/Apple mobile devices app store.
2. Start the vehicle.
3. Open the app and wait for the **Customization Settings** menu to appear.If **Not Connected** appears instead, first press the right button in the top right corner of the screen, then press the left button. This will take you back to **Customization Settings**. The pairing process will begin at this point.
4. Once paired, **Settings** will be displayed in the screen. From this point on you can make changes to the vehicle as desired, as the long as the vehicle is running . (Figure A)

   Note: Screenshot shown for illustration only. Actual options available vary per vehicle and per trim.

   Note: The app must be paired with the interface at least once for the initial setup. Failure to do so will prevent the interface from functioning.

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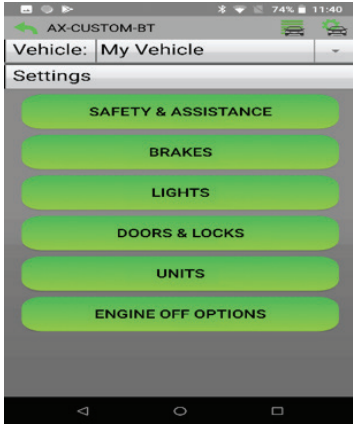


(Figure A)

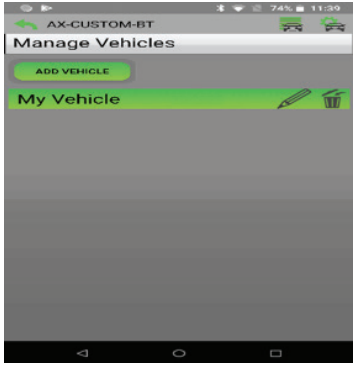
Other Options

Manage Vehicles (Figure B)

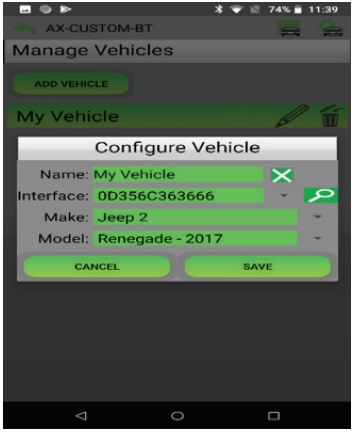
- Select **Manage Vehicles** by pressing the button in the top right of the screen.
- Pressing either the **Add Vehicle** or **Edit** (pencil icon) button will open the **Configure Vehicle** menu.

Configure Vehicle (Figure C)

- The name of the vehicle can be changed by pressing the text field.
- The app can automatically detect the interface in the vehicle by pressing the **Search** button (magnifying glass).
- The **Make** and **Model** fields will open a drop down list for the user to select the make and model of the vehicle that the interface is installed in.
- Press the **Save** button to store the changes.



(Figure B)



(Figure C)

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