



## Toyota Camry Data Interface 2018-Up

Visit [AxxessInterfaces.com](http://AxxessInterfaces.com) for more detailed information about the product and up-to-date vehicle specific applications

### INTERFACE FEATURES

- Wiring harness for installing an aftermarket radio
  - Provides power and four speakers
  - Retains balance and fade
  - Designed for non-amplified models
  - Provides NAV outputs (parking brake, reverse, speed sense)
  - Retains the factory backup camera
  - Pre-wired AXSWC harness (AXSWC sold separately)
  - Includes an AXCSO-6V 12-to-6V step-down for the factory camera
  - 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
- \* Actual options available vary per vehicle and per trim.  
(Refer to owner's manual for options available in vehicle.)

### INTERFACE COMPONENTS

- AXBT-TY1 harness:
  - 10-pin harness
  - 28-pin harness
  - 30-pin harness
  - 12-pin AXSWC harness
  - 16-pin AXBT harness
- AXCSO-6V
- AXBT interface

### APPLICATIONS

Toyota	2018-Up	RAV4	2019-Up
Camry			

### TABLE OF CONTENTS

Connections.....	2
Installation .....	2
App Instructions.....	3

### OPTIONAL ACCESSORIES (sold separately)

Steering Wheel Control Interface: AXSWC

### TOOLS REQUIRED

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

**Attention!** Let the vehicle sit with the key out of the ignition for a few minutes before removing the factory radio. When testing the aftermarket equipment, ensure that all factory equipment is connected before cycling the key to ignition.

## CONNECTIONS

### From the AXBT-TY1 harness to the aftermarket radio:

- Connect the **Black** wire, the **Black** wire labeled “CAMERA GROUND”, and also the **Black** wire from the **AXCSD-6V**, to the ground wire.
- Connect the **Yellow** wire to the battery wire.
- Connect the **Red** wire to the accessory wire.
- Connect the **Red** wire labeled “CAMERA POWER 6V”, to the **Blue/Red** wire from the **AXCSD-6V**.
- Connect the reverse wire from the aftermarket radio to the **Green/Purple** wire, and also to the **Blue/White** wire from the **AXCSD-6V**.

*The following (2) wires are only for a multimedia/navigation radio that requires these wires.*

- Connect the **Blue/Pink** wire to the VSS/speed sense wire
- Connect the **Light Green** wire to the parking brake wire
- If retaining the factory AUX-IN jack, connect the **Red** and **White** RCA jacks to the audio AUX-IN jacks from the aftermarket radio.
- Connect the **Yellow** RCA jack to the backup camera input.

### 10-pin harness:

- Connect the **Gray** wire to the front right positive speaker output.
- Connect the **Gray/Black** wire to the front right negative speaker output.
- Connect the **White** wire to the front left positive speaker output.
- Connect the **White/Black** wire to the front left negative speaker output.

- Connect the **Green** wire to the rear left positive speaker output.
- Connect the **Green/Black** wire to the rear left negative speaker output.
- Connect the **Purple** wire to the rear right positive speaker output.
- Connect the **Purple/Black** to the rear right negative speaker output

### 12-pin AXSWC harness & 3.5mm jack:

This 12-pin **AXSWC** harness & 3.5mm jack are to be used with an **AXSWC** (sold separately) to retain steering wheel audio controls. If the **AXSWC** is not being used, disregard this harness and 3.5mm jack. 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**.

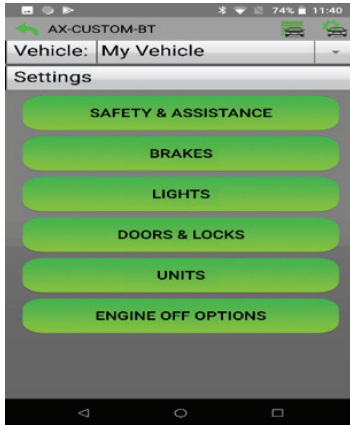
## INSTALLATION

### With the key in the off position:

1. Connect the AXBT-TY1 harness to the AXBT interface.
2. Connect the AXBT-TY1 harness to the wiring harness in the vehicle.
3. If an **AXSWC** (sold separately) will be used, do not connect it until after the **AXBT** is fully functional.

# APP INSTRUCTIONS

1. Download and install the **AXBT** app from the 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, press the right button in the top right corner of the screen, then press the left button in the top right corner of the screen to go 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 long as the vehicle is on. (Figure A)



(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.

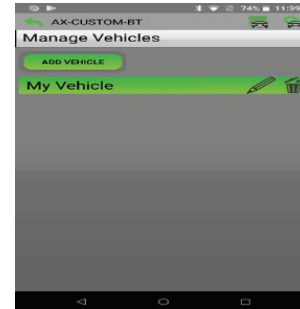
## Other Options

### Manage Vehicles (Figure B)

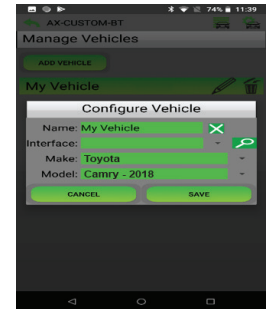
- Select **Manage Vehicles** by pressing the button in the top right of the screen.
- Pressing either the **Add Vehicle** or **Edit** (pencil icon) button will open the **Configure Vehicle** menu. (Figure B)

### Configure Vehicle (Figure C)

- The name of the vehicle can be changed by pressing the text field.
- The app can automatically detect the interface installed 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)



# AXBT-TY1

INSTALLATION INSTRUCTIONS



Having difficulties? We're here to help.



Contact our Tech Support line at:

**386-257-1187**



Or via email at:

[techsupport@metra-autosound.com](mailto:techsupport@metra-autosound.com)

### Tech Support Hours (Eastern Standard Time)

Monday - Friday: 9:00 AM - 7:00 PM

Saturday: 10:00 AM - 7:00 PM

Sunday: 10:00 AM - 4:00 PM



### **KNOWLEDGE IS POWER**

Enhance your installation and fabrication skills by enrolling in the most recognized and respected mobile electronics school in our industry. Log onto [www.installerinstitute.com](http://www.installerinstitute.com) or call 800-354-6782 for more information and take steps toward a better tomorrow.



**Metra recommends MECP  
certified technicians**