

# ADVENT

## OE MOBILE SOLUTIONS

### TYRVCH Toyota Camera Harness

**The Advent TYRVCH is a universal T-Harness designed to add a backup camera to applicable Toyota vehicles with an easy plug and play solution.**

**The following vehicles are confirmed to operate when equipped with the Toyota “Display Audio” radio and no factory camera:**

2013/14 CAMRY (Not 14.5)	2013 PRIUS C W/ Entune Only
2013 COROLLA	2013 RAV4
2013/14 AVALON	2013 HIGHLANDER
2013 PRIUS V	2013 PRIUS C W/ Entune Only
2013/14 PRIUS TWO	2013 SEQUOIA
2013/14 VENZA	2012/13 TACOMA*
2014 Scion xB*, xD*, FR-S*, iQ*, tC*	

\*Requires new included Reverse wire installation

Scions Models only in “10Series” trim with BeSpoke or Touchscreen



#### Installation:

- 1: Remove the factory display radio.
- 2: Completely disconnect the radio from all wire harnesses. DO NOT DISCONNECT AIRBAG LIGHTS as this may result in setting an error code that may require the dealer to reset.
- 3: If the radio is equipped with a 16 pin white harness at the back of the radio, unplug this harness.
- 4: Plug the TRYVCH harness into the radio at this location and plug the factory harness into the other end of the TRYVCH.
- 5: Connect the installed camera video RCA connector to the TYRVCH yellow RCA plug.
- 6: The camera **must be connected to ACC power**, it cannot be connected to the reverse lights as the radio will not see the signal and show the camera. ACC power can often be obtained in the Dash console from the power receptacle. Always double check and confirm with a meter to insure proper installation.

**Note: If Camera fails to switch to CAM display when shifted to reverse, disconnect power to the radio for 60 seconds and try again. Hard power reset of the radio will re-initialize the radio to learn the camera is present.**

Questions, concerns, or issues??? Call Tech Support at 1-800-323-4815

For the latest Tech Tips, Install Notes, or other information go to [www.audiovoxuniversity.com](http://www.audiovoxuniversity.com)

TYRVCH INSTALLREV4

**Reverse Extension Wire:**

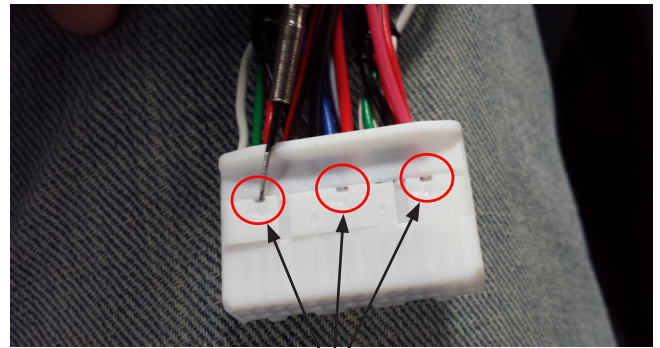
Scion model vehicles may not be equipped with a reverse wire in the factory radio wiring harness. To install a backup camera into these models, use the supplied reverse extension wire as outlined below to supply a reverse signal input into the factory radio so that the backup camera will function.

1. Locate the 24 pin connector on the back of the radio.



24 Pin Radio Connector

2. Using a jeweler's screw driver, release the locking tab on the 24 pin radio connector of radio adapter harness. Do not attempt to completely remove the locking tab as it will damage the connector.

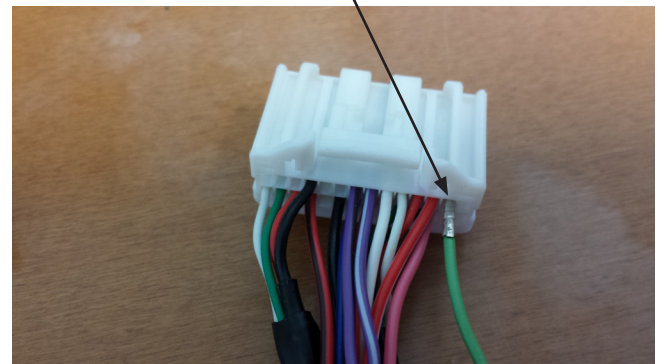


Carefully Pry Here

3. Insert the terminal end of the supplied Reverse Trigger Extension Wire into location 2 of the 24 pin radio connector, making sure it "clicks" indicating that it is fully inserted and locked in place.
4. Close the connector locking tab.
5. Connect the other end of the reverse extension wire to the vehicle's reverse light circuit. See details on back page.

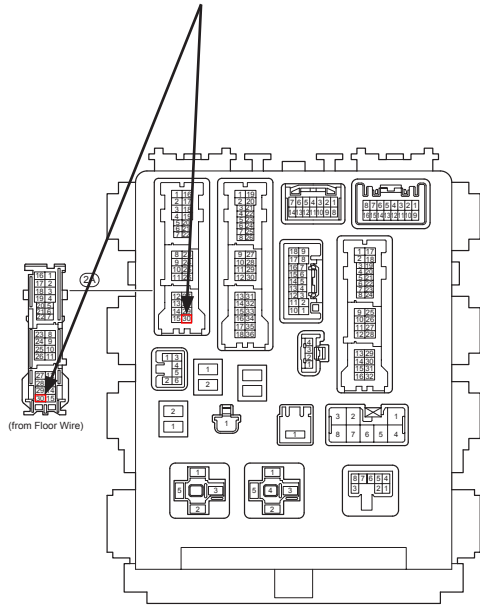
**INSERT TERMINAL FROM EXTENSION WIRE**

Reverse Trigger  
Green  
Location 2



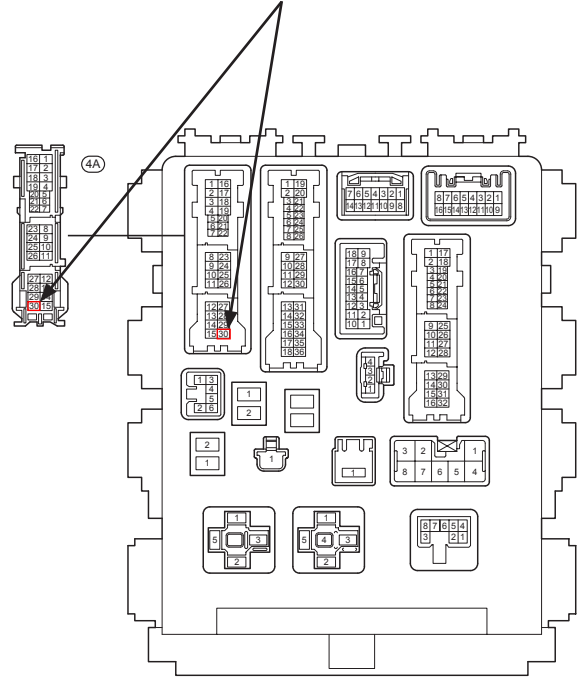
## Scion XB:

Connect the supplied reverse extension wire to the RED wire, location 30 of connector 2A in the driver's side junction block.



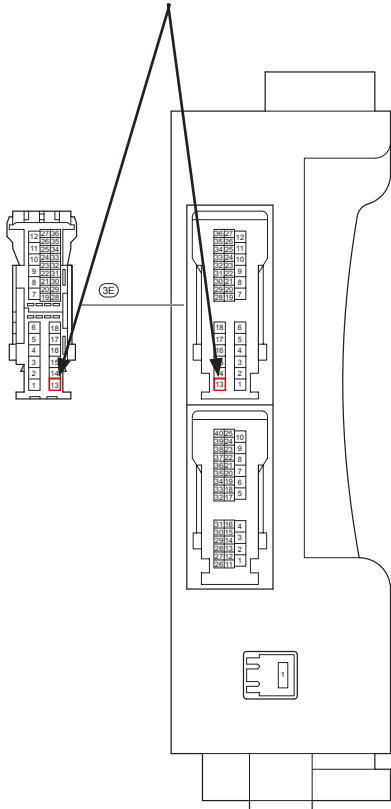
## Scion XD:

Connect the supplied reverse extension wire to the RED wire, location 30 of connector 4A in the driver's side junction block.



## Scion XD:

Connect the supplied reverse extension wire to the RED wire, location 13 of connector 3E in the driver's side junction block.



## Scion FR-S:

Connect the supplied reverse extension wire to the PINK wire, location 5 of connector HD1 in the driver's side kick panel.

