

AX-TOYCAM2-6V Toyota Back-Up Camera Retain/Add-On 2006-2013

INTERFACE FEATURES

- Retains the factory back-up camera to an aftermarket radio
 - Allows an aftermarket camera to be added to the factory screen*
 - Includes the AX-CAM6V 12-volt to 6-volt converter
- * Display and navigation model radios only

INTERFACE COMPONENTS

- AX-TOYCAM2-6V harness • AX-CAM6V 12-volt to 6-volt converter

APPLICATIONS

TOYOTA

4-Runner (with a factory amp)	2012-2013	Prius	2010-2011
4-Runner	2006-2011	Sienna	2008-2010
Avalon	2011-2012	Sequoia (with a factory amp)	2008-2012
Camry	2007-2011	Tundra (with a factory amp)	2007-2013
Highlander	2008-2012	Venza (with NAV)	2009-2012

TOOLS REQUIRED

- Cutting tool • Tape • Crimping tool
- Connectors (example: butt connectors, bell caps, etc.)

CAUTION! All accessories, switches, climate controls panels, and especially air bag indicator lights must be connected before cycling the ignition. Also, do not remove the factory radio with the key in the on position, or while the vehicle is running.

Connections to be made

The AX-TOYCAM2-6V can be connected two different ways

To retain the factory backup camera to an aftermarket radio:

- Connect the **Black** wire to chassis ground and also to the **Black** wire of the AX-CAM6V.
- Connect the **Yellow** wire to the **Blue/Red** wire of the AX-CAM6V.
- Connect the reverse wire from the aftermarket radio, to the reverse signal in the vehicle, and also to the **Blue/White** wire of the AX-CAM6V.
- Connect the *male* **Yellow** RCA jack to the rear camera input of the aftermarket radio.
- Disregard the loose **Green/Purple** wire, it will not be used in this application.

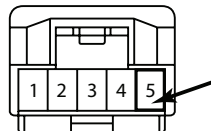
To allow an aftermarket camera to be added to the OEM screen:

- Connect the **Black** wire to the ground wire of the aftermarket camera.
- Connect the power wire of the aftermarket camera to accessory power.
- Tape off and disregard the **Yellow** wire, it will not be used in this application.
- Connect the *female* **Yellow** RCA jack to the aftermarket camera.
- The AX-CAM6V 12-volt to 6-volt converter will not be used in this application.

The following (2) steps are only required if a wire is **not** present in the factory harness.

- If a wire is not present in pin-5 of the 5-pin connector of the factory radio, unplug the connector, and then insert the metal pin of the loose **Green/Purple** wire into it. Connect the harness back into the radio.
- Connect the other end of the loose **Green/Purple** wire to the reverse wire of the vehicle.

5 Pin Harness



This is the wire view of the connector in the vehicle