

Lexus Backup Camera Retention/Add-On 2014-up

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INTERFACE FEATURES

- Retains the factory backup camera
- Allows an aftermarket camera to be added to the factory screen †
- Includes an AX-CAM6V 12V-to-6V step-down for the factory camera

† Display and navigations model radios only

INTERFACE COMPONENTS

- AX-LEXCAM1-6V harness
- AX-CAM6V 12-volt to 6-volt step-down
- Green/Purple wire with terminal

APPLICATIONS

Lexus

ES300h	2015-2018	GS450h	2015-up	LC500	2018-up	RC F	2015-up
ES350	2015-2018	GX460	2016-up	LC500h	2018-up	RC200t	2016-2017
GS F	2016-up	IS200t	2016-2017	LS460	2015-2017	RC300	2016-up
GS200T	2016-2017	IS250	2014-2015	NX300	2018-up	RC350	2015-up
GS300	2018-up	IS300	2016-up	NX300h	2015-up	RX350	2016-up
GS350	2015-up	IS350	2014-up	NX200t	2015-2017	RX450h	2016-up

TABLE OF CONTENTS

Connections..... 2

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

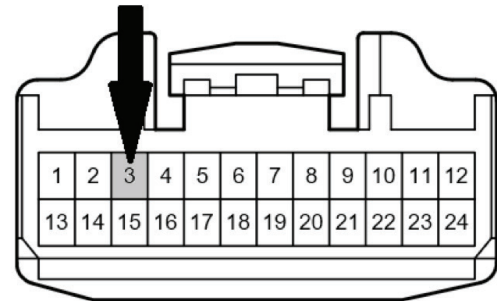
To retain the factory backup camera to an aftermarket radio:

- Connect the **Black** wire to chassis ground, and also to the **Black** wire from the AX-CAM6V.
- Connect the **Yellow** wire to the **Blue/Red** wire from 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 from the AX-CAM6V.
- Connect the *male Yellow* RCA jack to the backup camera input from the aftermarket radio.
- Disregard the *Green/Purple wire with terminal*, it will not be used in this application.

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

- Connect the ground wire from the aftermarket camera to chassis ground.
- Connect the power wire from the aftermarket camera to accessory power.
- Connect the *female Yellow* RCA jack to the aftermarket camera.
- Tape off and disregard the following (2) wires, they will not be used in this application;
Black, Yellow
- The AX-CAM6V will not be used in this application.

- Looking at the 24-pin connector from the factory radio, If a wire is not present in pin-3, follow these steps;
 1. From the male connector from the AX-LEXCAM1-6V harness, locate pin-3.
 2. Insert the *Green/Purple wire with terminal* into pin-3.
 3. Locate a reverse wire from the vehicle, then attach the *Green/Purple wire with terminal* to that wire.
- Remove the 24-pin connector from the factory radio, then install the AX-LEXCAM1-6V harness in between.



This is the wire view of the 24-pin connector