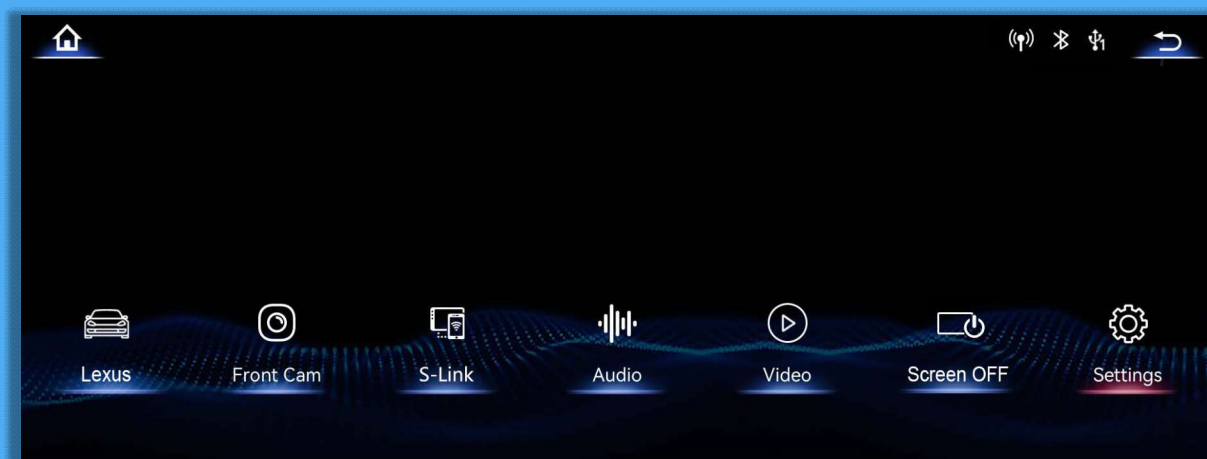


# LEXION LX10S for LEXUS RC / IS INSTALLATION MANUAL

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- 1. Package Contents / Tools Required**
- 2. Wiring Diagram**
- 3. Mounting Metal Bracket**
- 4. Vehicle Compatibility Setting**
- 5. BAckup Camera Setting**
- 6. Initial Wireless Carplay Setup**
- 7. Troubleshooting**

## Package Contents



1. Main Harness
2. Metal Mounting Bracket
3. Plastic Trim
4. Mounting Bolts
5. OEM Backup Cam Connector

## Tools Required



10mm Socket Wrench

Or



10mm Power Tool Socket



Phillips Screwdriver



Trim Removal Tool



Wire Harness Tape

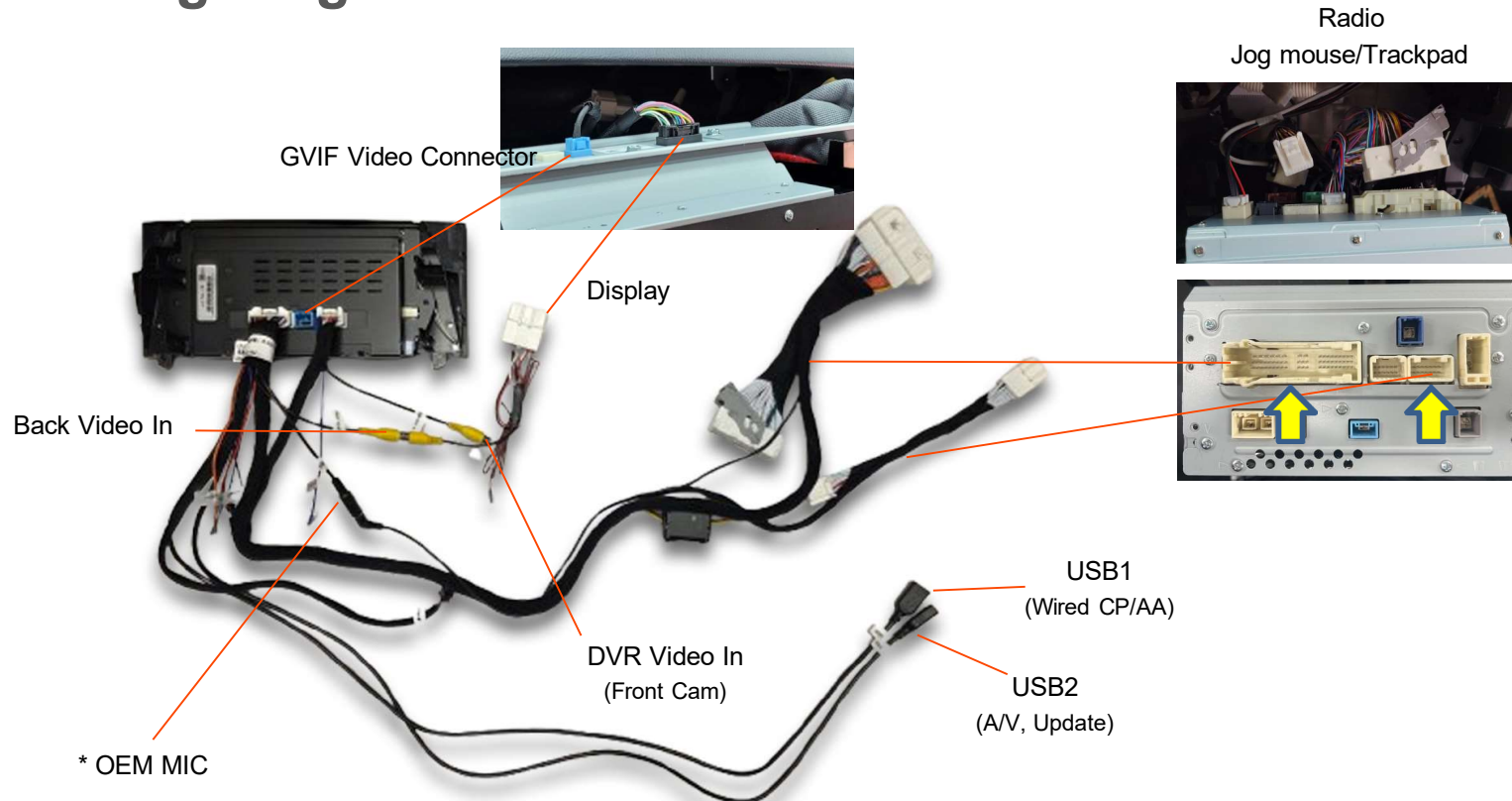


Protection Blanket



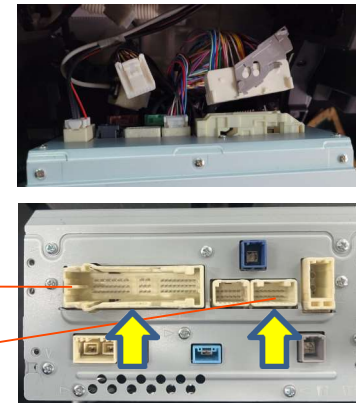
Safety Gloves

# Wiring Diagram

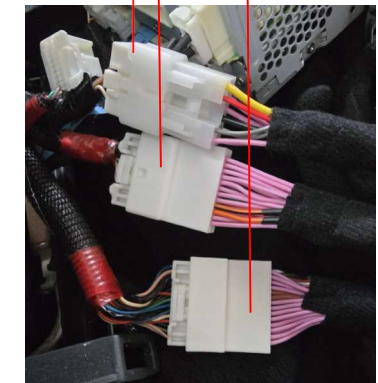
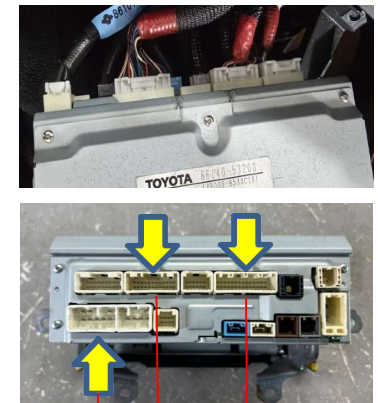


\* Both Android smartphones and iPhones use the vehicle's Bluetooth hands-free microphone for phone calls. However, for Android smartphone users, this microphone must be connected for the Google Assistant voice command on Android Auto to work. In short, this microphone connection is only necessary for Android smartphone users; iPhone users do not need to connect it.

Radio  
Jog mouse/Trackpad



Radio  
Rotary Knob



## Mounting Metal Bracket

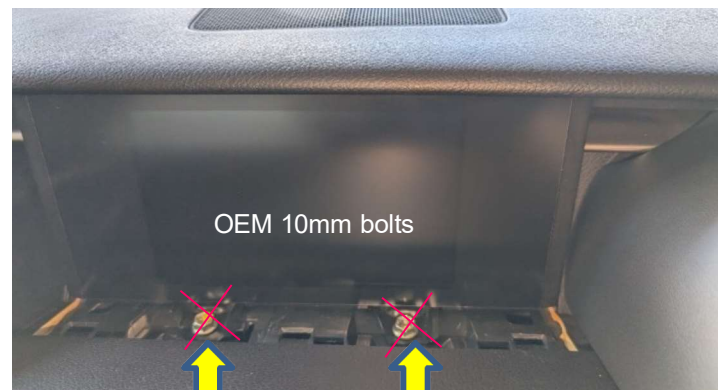


Please install the bracket to secure the monitor in this direction.  
For the bolts that fasten the monitor and the bracket,  
use the ones you removed from the original factory monitor and the factory metal mount.

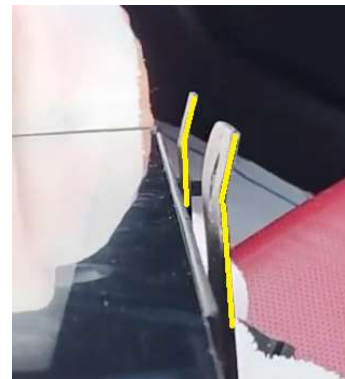


When securing the monitor to the vehicle, you must not use the original  
factory mount bolts.

Please be sure to use the bolts that are included with the product.  
Forcing the factory bolts can risk cracking the monitor.



## Mounting Metal Bracket



### Customer Notice

When our included metal bracket is installed onto the LX10S monitor, it does not fully sit flush with the dashboard mounting surface, leaving a gap.

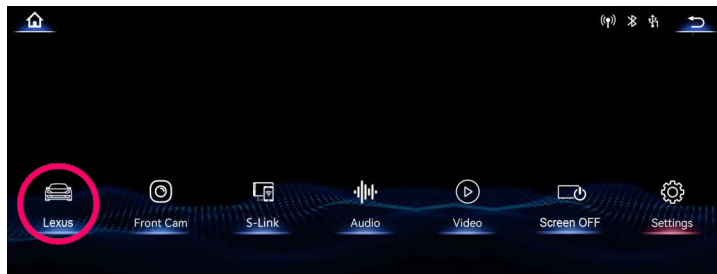
If the bracket is fastened with bolts in this state, the tension from the metal bracket can actually cause the upper part of the monitor to come loose more easily. please use pliers, a wrench, or a similar tool to slightly bend the bracket and adjust the angle.

After that, secure it with the included mounting bolts.

*\*For orders placed after August 25, 2025, the brackets will be shipped with the updated angle applied.*

# Vehicle Compatibility Setting

1. Click Lexus icon to switch the OEM menu

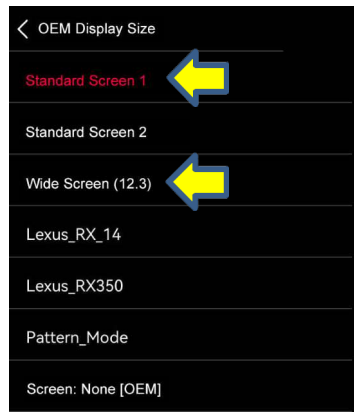


2. Swipe your finger from the left side of the monitor to the right to open the hidden menu



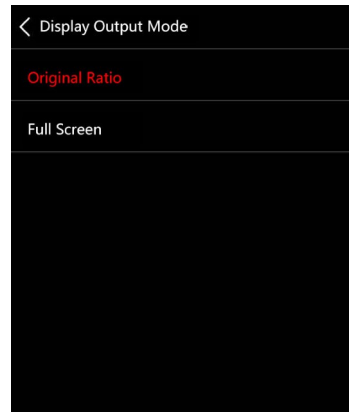
3. Select OEM display Size

OEM display size is 7 inches or 8 inches, select Standard 1 or Standard 2.  
OEM display size is 12.3 inches, select Wide Screen (12.3)



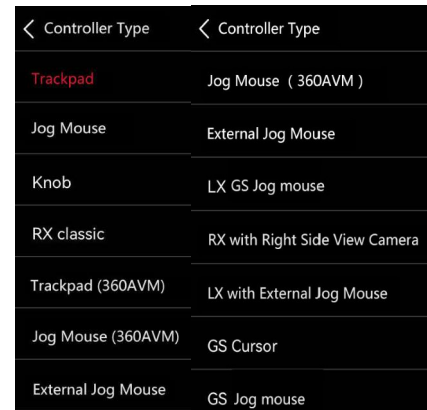
4. Display Output Mode

Select whether to display the OEM screen in its original state or to stretch the screen



5. Controller Type

Select the controller based on the vehicle model, year, and controller type.



## IMPORTANT

This setting is linked to the vehicle's CANBUS system.

Incorrect selection may cause display or controller malfunctions.

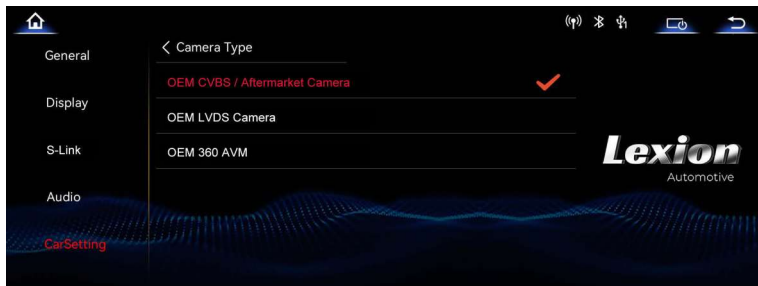
After changing it,  
**disconnect the power connector**  
**behind the OEM radio (not the screen),**  
**wait 30 seconds, then reconnect to**  
**apply the new setting.**



## ● Backup Camera Setting

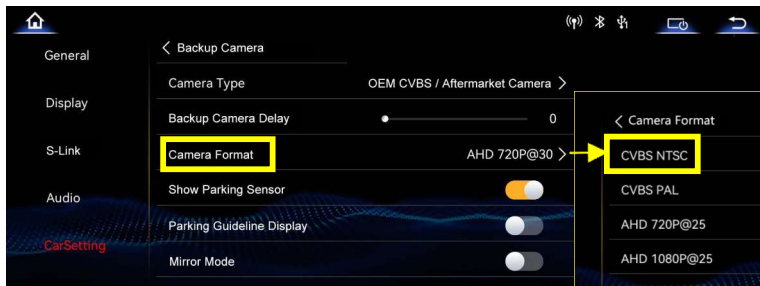
# Backup Camera Setting

1. The factory backup camera uses a CVBS video signal.  
Therefore, please select OEM CVBS / Aftermarket Camera



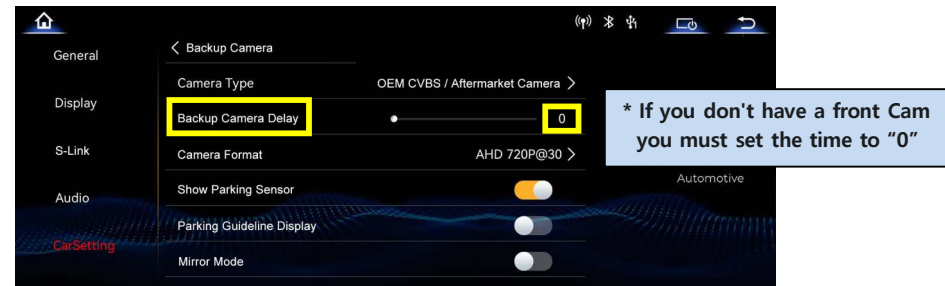
**NOTE:** Even with the same model and year, some Lexus use an LVDS backup camera. If you select CVBS Camera but backup camera doesn't appear, Please select OEM LVDS and OEM 360 AVM camera instead.

2. Please select CVBS NTSC from the "Camera Format" options.



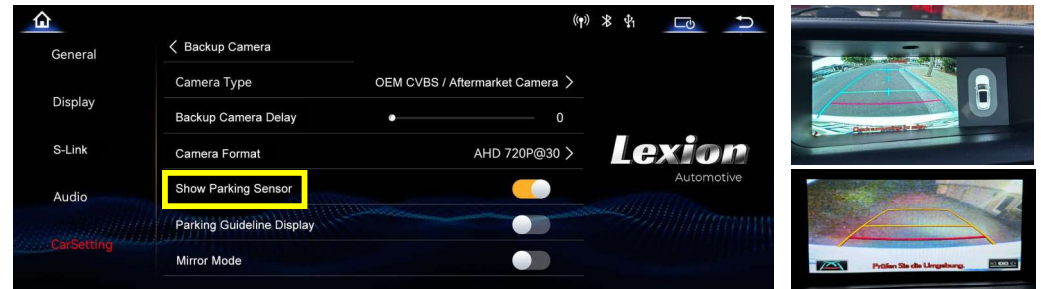
### 3. Backup Camera Delay

This setting is only for users who have installed an additional front camera.  
It refers to the duration the front view is maintained after automatically switching from the backup camera to the front camera when you shift from reverse (R) to drive (D).



4. When you turn on the parking sensor, the parking sensor display appears next to the factory backup camera view.

If you turn this off, the factory backup camera view will be stretched.



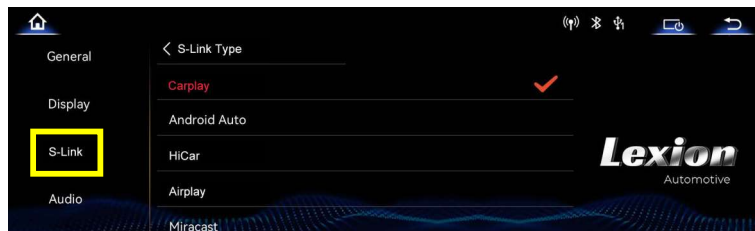


## ● Initial Wireless Carplay Setup

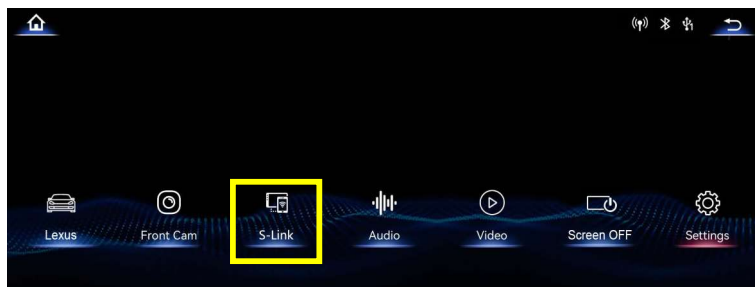
# Initial Wireless Carplay Setup (\*The same applies to Android Auto)

1. In the S-Link menu, select the functions you want to use.

If you have iPhone, select Carplay



2. Click the S-Link icon



3. Turn on Bluetooth on your iPhone and pair it with BT-0000 (a 4-digit number). Once Bluetooth is paired, a pop-up will appear asking if you want to allow CarPlay. Please press Allow and wait.

4. Audio Output Setup

Wireless CarPlay works by using two separate connections.

When the LX10S monitor's Bluetooth connects, it receives video data wirelessly via Wi-Fi Direct. However, the audio is routed to the speakers through your vehicle's original Lexus Bluetooth system.

For this to work, you must pair your iPhone with your Lexus's factory Bluetooth and then select Bluetooth as the media source in your car's audio system. This is a one-time setup.

After the initial connection, your phone will automatically connect to both the LX10S and your car's Bluetooth every time you start the car.



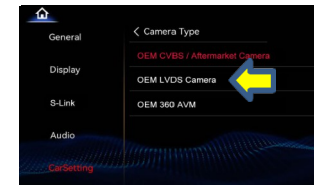
**NOTE:** Once wireless CarPlay is connected, the Lexion monitor's "BT-0000" Bluetooth will automatically turn off. You can think of this Bluetooth connection as a trigger switch to activate wireless CarPlay, not for audio output. Remember that all audio will be played through your Lexus's native Bluetooth system.

# Troubleshooting

## 1. OEM backup camera not functioning properly

### Symptom 1. When shifting into reverse gear, the screen does not switch to the backup camera view

Most Lexus vehicles use the CVBS format for the OEM backup camera video signal, but some models use an LVDS signal instead. If you have selected CVBS but the OEM backup camera does not display properly, try selecting OEM LVDS in the backup camera settings menu.



### Symptom 2. When the gear is shifted into reverse, the screen switches but only a black screen is displayed

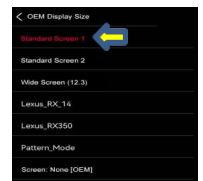
Check that the rear camera RCA connector on the back of the display is correctly plugged into Back Video In. Also, make sure the camera connector is not accidentally plugged into DVR Video In, which is the same color.



## 2. OEM Screen Display Issues & Controller Malfunction

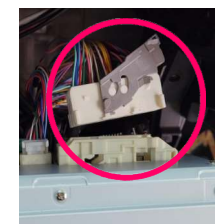
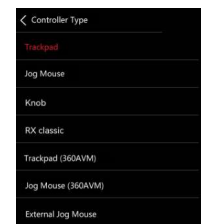
### Symptom 1. The OEM screen has green bar or the image appears cropped.

Enter the Hidden Menu and change the OEM Display Size (Standard) or Display Output Mode (OEM Size) to match your vehicle's original screen specifications.



### Symptom 2. The mouse cursor moves freely in the Lexion system, but in the OEM menu it does not move in a free-floating manner, or clicking any menu does not work.

Think of the controller selection as choosing your vehicle's CANBUS system. If an incorrect CANBUS is selected, the controller will not function properly in the OEM menu. After selecting the controller for your vehicle, be sure to disconnect the main power connector from the back of the radio and then reconnect it. This is necessary for the system to apply the CANBUS settings for the selected controller.



# Troubleshooting

## 3. Audio Output Issue

### Symptom 1. CarPlay is connected, but no sound is coming from the speakers.

Check if your iPhone is paired with the Lexus OEM Bluetooth.

The Lexion system uses the vehicle's OEM Bluetooth. For audio, the signal does not pass through the Lexion screen; instead, your iPhone connects directly to the vehicle's Bluetooth.

### Symptom 2. The Lexion Bluetooth connects but keeps disconnecting repeatedly.

This is completely normal procedure. The Lexion Bluetooth functions as a **trigger switch** to activate wireless CarPlay.

Once it pairs with your iPhone, the system immediately switches to direct Wi-Fi communication for data transfer, and the Bluetooth connection will automatically turn off after a short period

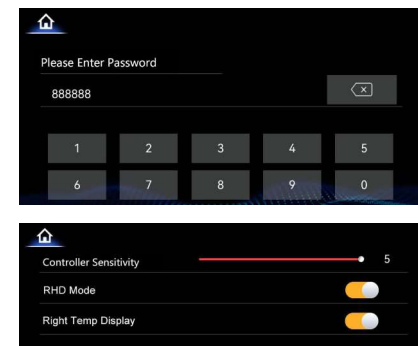
### Symptom 3. When using iPhone AirPlay or Galaxy Smart View mirroring, there is no audio output.

When mirroring, you must select AUX from the media source instead of the OEM Bluetooth for the sound to be output through the speakers.

## 4. Right-hand Drive (RHD) Setting

### Symptom 1. Using a RHD vehicle and wondering if there is a dedicated setting for RHD operation


Enter the factory setting (Password 888888) and select RHD Mode and Right Temp Display



## **Need Assistance?**

**If you need any help, please feel free to contact me at any time.**

**Joon Kim**

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 **Email: [info@lexionautomotive.com](mailto:info@lexionautomotive.com)**

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