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## Scosche CRTNN01

# Scosche CRTNN01 Backup Camera Retention Harness User Manual

For Select 2010-20 Nissan Nav-Equipped Vehicles

## 1. INTRODUCTION

The Scosche CRTNN01 Backup Camera Retention Harness is designed to facilitate the seamless integration of your vehicle's original backup camera with a new aftermarket car stereo. This adapter allows you to retain the rear view camera functionality when upgrading to a modern Android Auto, CarPlay, or touchscreen car stereo with backup camera capabilities. This manual provides detailed instructions for proper installation and usage.

## 2. PRODUCT OVERVIEW

The CRTNN01 harness is an OEM quality adapter that simplifies the installation process by connecting your factory wiring to your new stereo. It ensures continuous high-quality rear-view monitoring.

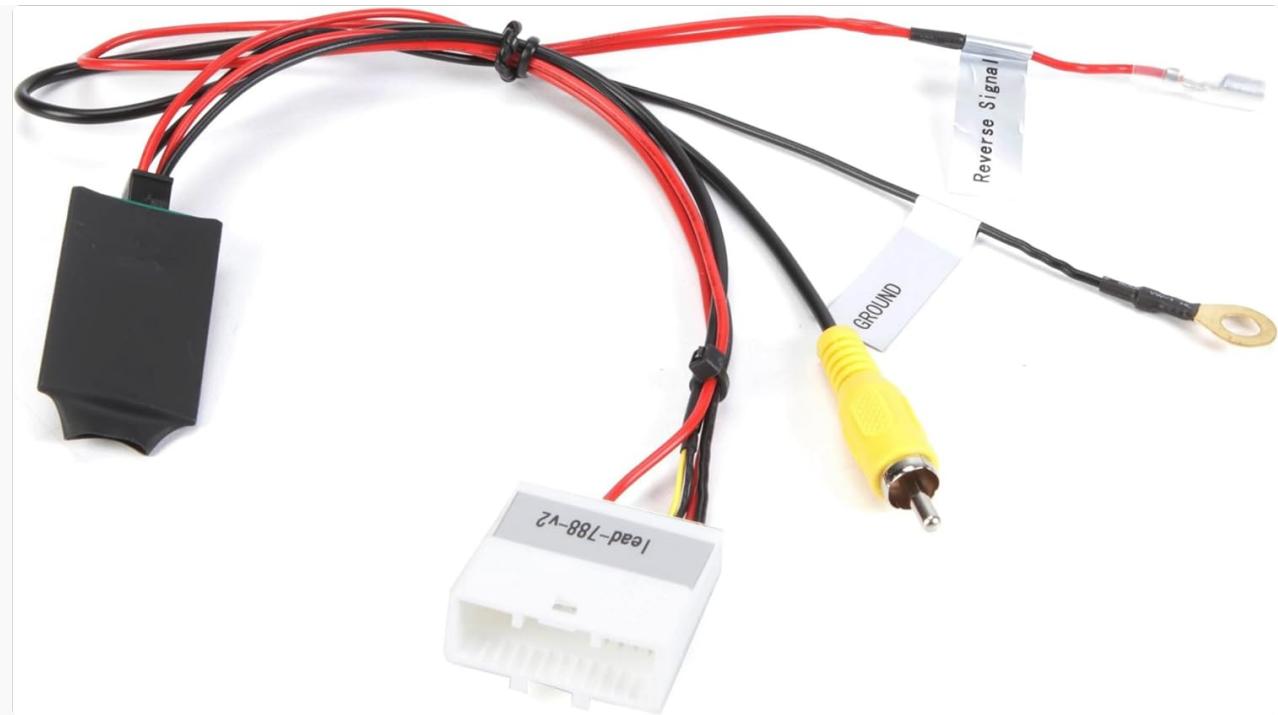


Image 2.1: Scosche CRTNN01 Backup Camera Retention Harness. This image displays the main components of the harness, including the vehicle connector, RCA video output, and power/ground wires.

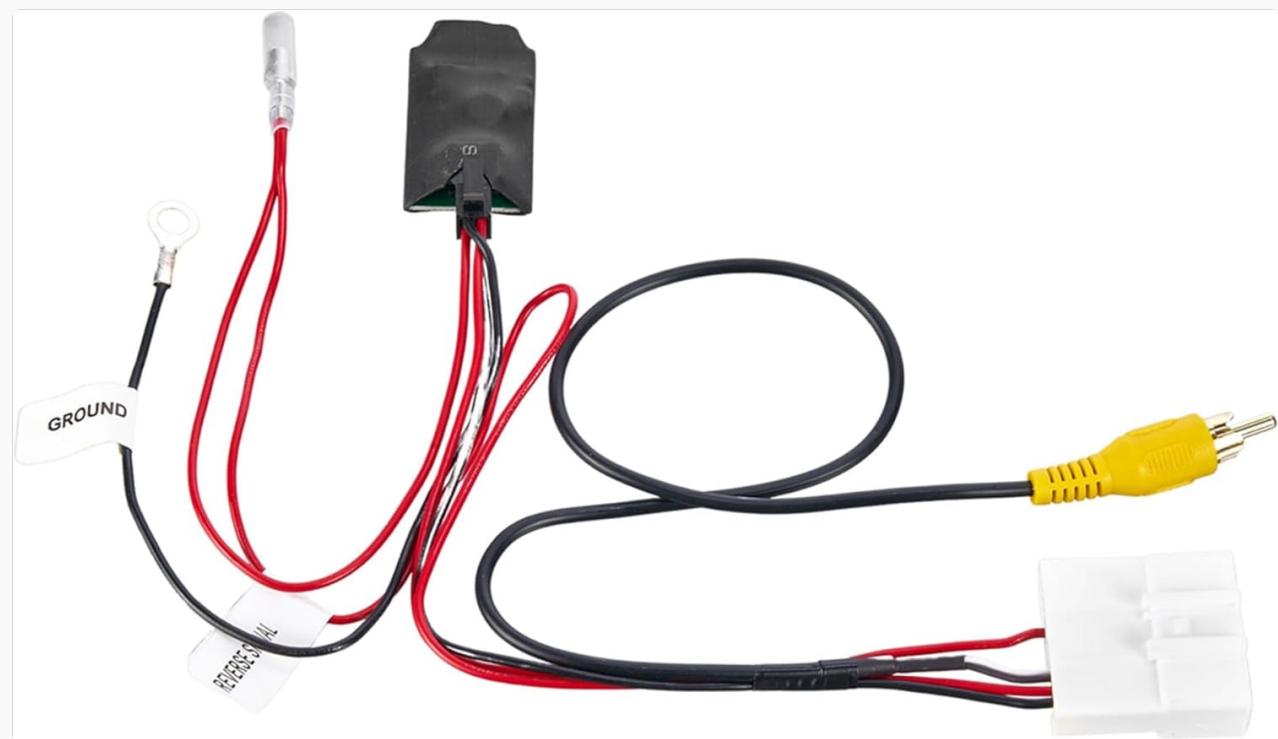


Image 2.2: Scosche CRTNN01 Harness showing the RCA video connector and wiring for power and ground connections.

### 3. COMPATIBILITY

The CRTNN01 harness is engineered for compatibility with a wide range of 2010-20 Nissan car and truck cameras. It is specifically designed for vehicles that have an OEM factory backup camera and factory navigation with a 24-pin connector. It works with any RCA Video enabled aftermarket car radio, including Android Auto and CarPlay stereos.

### 3.1. Compatible Nissan Models (2010-2020)

## CAR STEREO WIRE HARNESS

Scosche car stereo connectors take the guesswork out of connecting an aftermarket stereo to your vehicle.



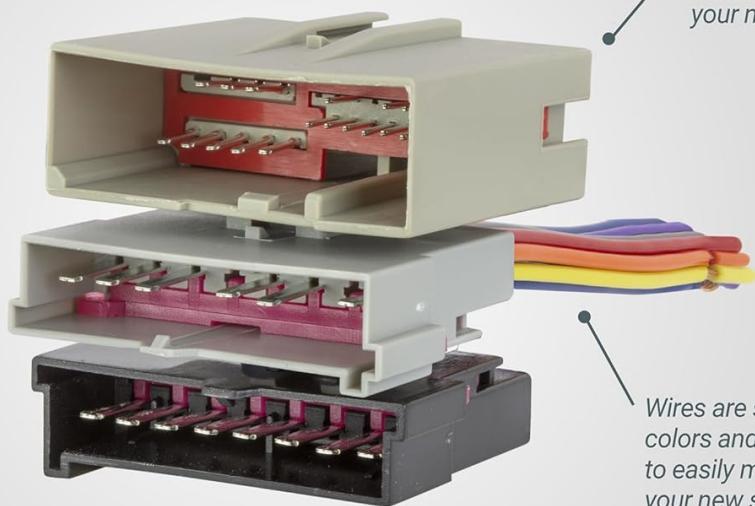
EASY TO  
INSTALL



FACTORY  
QUALITY



DIRECT  
CONNECTION



— MAKE YOUR INSTALL EASY —

**A** DASH KIT

**B** WIRE HARNESS/  
INTERFACE

**C** ANTENNA  
ADAPTER

Parts for A and C sold separately

Image 3.1: Official Fit Guide for Scosche CRTNN01, listing compatible Nissan models and years. This guide specifies that the harness is compatible with vehicles having an OEM factory backup camera and factory navigation with a 24-pin connector.

- Nissan Altima Coupe: 2010-2013
- Nissan Altima Sedan: 2010-UP
- Nissan Sentra: 2010-UP
- Nissan Titan: 2013-2015
- Nissan Cube: 2010 Year
- Nissan NV200: 2019 Year
- Nissan Frontier: 2013-2016
- Nissan Juke: 2015-UP
- Nissan Leaf: 2013-2017
- Nissan Murano: 2015-UP
- Nissan Quest: 2011-UP
- Nissan Rogue: 2011-UP
- Nissan Rogue Select: 2014-2015

- Nissan Sentra: 2010-2017
- Nissan Note: 2014-UP
- Nissan Xterra: 2013-2015

#### **Installation Notes:**

- Only compatible with vehicles that have an OEM factory backup camera.
- Only compatible with vehicles that have factory navigation with a 24-pin connector.

## **4. PACKAGE CONTENTS**

- Scosche CRTNN01 Backup Camera Retention Harness

## **5. INSTALLATION INSTRUCTIONS**

Before beginning installation, ensure your vehicle is turned off and the negative battery terminal is disconnected to prevent electrical damage.

### **5.1. Preparation**

1. **Disconnect Battery:** Disconnect the negative battery terminal of your vehicle.
2. **Remove Factory Radio:** Carefully remove the factory radio from your vehicle's dashboard. Refer to your vehicle's service manual for specific instructions on removing the radio and accessing the wiring.

### **5.2. Wiring Connections**

The CRTNN01 harness connects to your vehicle's factory wiring and provides an RCA output for your new aftermarket stereo. Some wires from your new stereo's harness may need to be connected to the CRTNN01 harness using splice connectors.

Your browser does not support the video tag.

Video 5.1: This video demonstrates the components of a backup camera retention harness and how to connect it. It highlights the RCA video output and the vehicle-specific connector.

3. **Identify Wires:** Identify the corresponding wires on your aftermarket stereo's wiring harness and the CRTNN01 harness. Common connections include power, ground, reverse signal, and the RCA video input.
4. **Connect Wires:** Using appropriate splice connectors (not included), connect the wires from the CRTNN01 harness to your aftermarket stereo's harness by matching the colors. Ensure all connections are secure.

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Video 5.2: This video illustrates the wiring process for a backup camera retention harness, showing how to connect the various wires to ensure proper functionality.

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Video 5.3: This video provides a visual guide to the installation of a backup camera retention wire harness, detailing the steps

for connecting it to the vehicle's existing system.

### 5.3. Finalizing Installation

5. **Connect Harness to Vehicle:** Plug the vehicle-specific connector of the CRTNN01 harness into the corresponding port in your vehicle's dashboard.
6. **Connect RCA:** Plug the yellow RCA connector from the CRTNN01 harness into the 'Camera In' or 'Video In' port on your aftermarket stereo.
7. **Secure Stereo:** Mount your new aftermarket stereo securely into the dashboard.
8. **Reconnect Battery:** Reconnect the negative battery terminal.

## 6. OPERATION

Once installed, the backup camera will function as it did with the factory radio. When the vehicle is shifted into reverse, the image from the factory backup camera should automatically display on your aftermarket stereo's screen.

## 7. TROUBLESHOOTING

If you encounter issues after installation, consider the following:

- **No Video Display:**
  - Ensure all wiring connections are secure and correctly matched (power, ground, reverse trigger, RCA video).
  - Verify that your aftermarket stereo is set to automatically switch to the camera input when reverse gear is engaged. Check your stereo's settings.
  - Confirm the factory camera is receiving power. A multimeter can be used to check voltage on the camera's power wire when in reverse.
  - Some aftermarket radios may require a 12V to 6V step-down converter for the factory camera, as factory cameras often operate on 6V while aftermarket units supply 12V. This harness is designed to handle voltage conversion, but verify if your specific vehicle/camera setup has unique requirements.
- **Distorted or Inverted Image:**
  - Check your aftermarket stereo's camera settings for options like PAL/NTSC format or image mirroring. Adjust as necessary.
- **Intermittent Functionality:**
  - Inspect all connections for looseness or corrosion.
  - Ensure the ground connection is solid and free from paint or rust.

## 8. SPECIFICATIONS

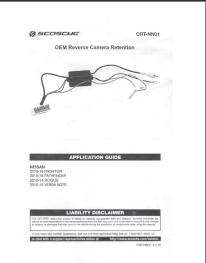
Feature	Detail
Brand	Scosche
Model Number	CRTNN01
Material	Plastic
Connector Type	RCA
Product Dimensions (L x W x H)	1.5 x 4.33 x 8.26 inches
Item Weight	1.58 ounces

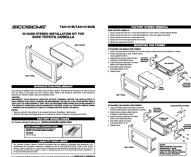
## 9. WARRANTY AND SUPPORT

The Scosche CRTNN01 Backup Camera Retention Harness is backed by Scosche's Limited Lifetime Warranty and Lifetime Tech Support. For any questions or assistance, please contact Scosche customer service.

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### Related Documents - CRTNN01

	<p><a href="#">Scosche CRT-NN01 OEM Reverse Camera Retention Application Guide for Nissan</a></p> <p>Detailed application guide and wiring diagram for the Scosche CRT-NN01 OEM Reverse Camera Retention harness, compatible with select 2010-2016 Nissan vehicles.</p>
	<p><a href="#">Scosche FD5000SW-WM1 Factory Stereo Replacement Interface Installation Guide</a></p> <p>Installation guide for the Scosche FD5000SW-WM1 interface, enabling the replacement of factory stereos in select 2005-2014 Ford, Lincoln, and Mercury vehicles. It details wiring, connections, and retaining steering wheel controls and factory amplifier signals.</p>
	<p><a href="#">Scosche GM2000SW-WM1: Factory Stereo Replacement Interface Installation Guide</a></p> <p>Install the Scosche GM2000SW-WM1 interface to replace your GM factory stereo while retaining steering wheel controls and safety chimes. This guide provides essential information, wiring diagrams, and vehicle compatibility.</p>

	<p><a href="#"><u>Scosche TA2101B/TA2101DGB Installation Kit for 2009 Toyota Corolla - Car Stereo Dash Mount Guide</u></a></p> <p>Comprehensive guide for installing an aftermarket car stereo in a 2009 Toyota Corolla using the Scosche TA2101B/TA2101DGB installation kit. Includes step-by-step instructions and wiring information.</p>
	<p><a href="#"><u>Scosche GM3000SW-WM1: GM LAN Stereo Replacement Interface &amp; Steering Wheel Control Retention</u></a></p> <p>Install the Scosche GM3000SW-WM1 interface to replace your GM factory stereo while retaining essential safety chimes and steering wheel controls. Compatible with select 2004-up GM vehicles with GM LAN radios.</p>
	<p><a href="#"><u>Scosche GM3000SW GM LAN Interface: Installation Guide for Steering Wheel Controls &amp; Chime Retention</u></a></p> <p>Detailed installation instructions for the Scosche GM3000SW GM LAN stereo replacement interface. Learn how to retain factory chimes and steering wheel controls in select GM vehicles (2004-16). Includes wiring diagrams and vehicle application lists.</p>