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› [Scosche CR4000SWF Factory Stereo Replacement Interface Adapter Kit, Compatible with Select 2004-20 Chrysler, Dodge & Jeep, Car Radio Wiring Harness, Retains Steering Wheel Controls & OEM Amplifier](#)

## Scosche CR4000SWF

# Scosche CR4000SWF Factory Stereo Replacement Interface Adapter Kit

Model: CR4000SWF | Brand: Scosche

## PRODUCT OVERVIEW

The Scosche CR4000SWF radio interface is designed to seamlessly integrate an aftermarket stereo into select 2004-20 Chrysler, Dodge, and Jeep vehicles. This kit ensures that essential factory features, such as steering wheel controls and OEM amplifier functionality, are retained after upgrading your car's audio system.

Crafted with OEM quality construction, the CR4000SWF provides a secure and precise fit for your radio wiring, ensuring long-lasting performance. It simplifies the installation process for both DIY enthusiasts and professional installers, offering a hassle-free solution for enhancing your in-car audio experience with modern features like Bluetooth, Apple CarPlay, or Android Auto.

## Key Features:

- Seamless Integration: Connects aftermarket stereo to factory radio harness, utilizing standard wire color codes for easy installation.
- Enhanced Control: Retains steering wheel controls and factory safety/warning chimes, allowing safe operation of your new radio while driving.
- Advanced Connectivity: Enhances sound quality and performance with stable data output for reliable audio reproduction.
- Comprehensive Features: User-friendly design for easy installation, enabling modern car stereo capabilities like Apple CarPlay or Android Auto.
- Alleviates Compatibility Woes: Specifically designed for Select 2004-20 Chrysler, Dodge & Jeep Vehicles for optimal performance.
- Trusted Brand: Backed by Scosche's Lifetime Tech Support and Limited Warranty.

## WHAT'S IN THE Box

- Factory Stereo Replacement Interface
- Wiring Harness
- User Manual



Image: The Scosche CR4000SWF kit, showing the main interface module and the included wiring harnesses.

## INSTALLATION GUIDE

This section provides a step-by-step guide for installing the Scosche CR4000SWF interface. For a visual demonstration, please refer to the official installation video below.

Your browser does not support the video tag.

Video: Official Scosche Factory Stereo Replacement Interface Installation Guide. This video demonstrates the complete installation process for the CR4000SWF, including wiring connections and final setup.

### Step-by-Step Installation:

- 1. Disconnect Battery:** Before beginning any electrical work, disconnect the negative terminal of your vehicle's battery to prevent electrical shorts.

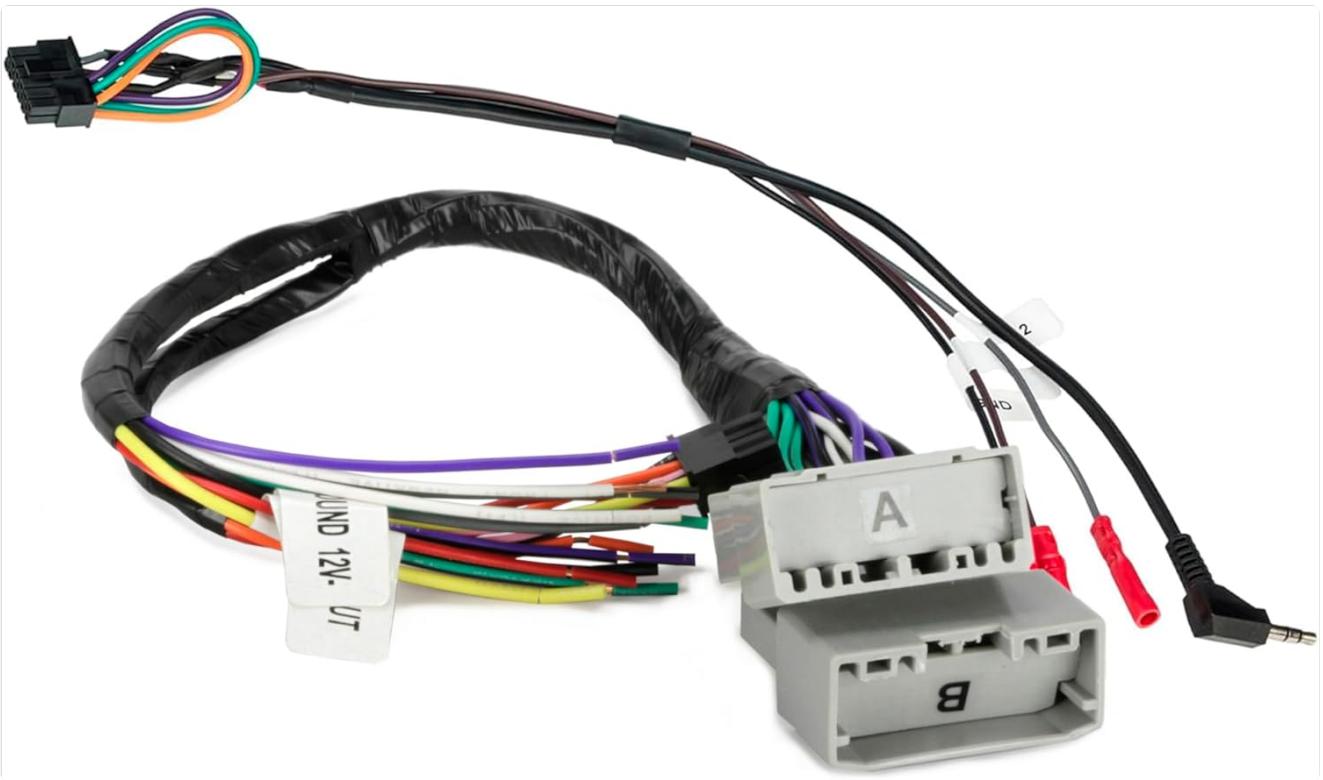


Image: A person disconnecting the negative terminal of a car battery, a crucial first step for safety during installation.

2. **Prepare Wiring Harnesses:** Lay out the Scosche CR4000SWF interface module, the vehicle harness connector, the steering wheel control connections, and the harness included with your new aftermarket stereo.



Image: All components of the Scosche CR4000SWF kit, including the interface module and various wiring harnesses, laid out on a dark surface.

3. **Wire Connections:** Using splice connectors (or preferred wiring method), connect the wires from the aftermarket stereo harness to the Scosche interface harness. Match the wire colors according to the EIA (Electronics Industry Association) wire color code chart provided in your stereo's owner's manual and the Scosche manual. Ensure

secure connections.

## ELECTRONICS INDUSTRY ASSOCIATION (EIA) WIRE COLOR CODE CHART

YELLOW		12V BATTERY : CONSTANT (+)
RED		12V BATTERY : SWITCHED (+)
BLACK		CHASIS GROUND (-)
BLACK/WHITE		FACTORY AMPLIFIER GROUND
BLUE		ANTENNA POWER (WHEN TUNER IS ON)
BLUE/WHITE		AMPLIFIER TURN ON
ORANGE		DASH ILLUMINATION 12V
ORANGE/WHITE		DASH LIGHT DIMMER 1V-12V
ORANGE/BLACK		DIMMER GROUND (NEGATIVE TRIGGER CIRCUIT)
BROWN		PHONE MUTE
WHITE		LEFT FRONT SPEAKER (+)
WHITE/BLACK		LEFT FRONT SPEAKER (-)
GRAY		RIGHT FRONT SPEAKER (+)
GRAY/BLACK		RIGHT FRONT SPEAKER (-)
GREEN		LEFT REAR SPEAKER (+)
GREEN/BLACK		LEFT REAR SPEAKER (-)
PURPLE		RIGHT REAR SPEAKER (+)
PURPLE/BLACK		RIGHT REAR SPEAKER (-)

The color codes used on this car stereo connector harness conform to the E.I.A. (Electronics Industry Association) standard. These colors may differ from the wiring codes found on your stereo. Always refer to your stereo owner's manual for specific wiring details before making any connections.



Image: A detailed chart showing the Electronics Industry Association (EIA) standard wire color codes for car stereo installations.

Note: Some wires, such as amplifier turn-on, parking sense, and specific steering wheel control connections, may not connect directly to the vehicle harness and might require separate connections as per your aftermarket stereo's instructions.

4. **Connect to Vehicle and Stereo:** Plug the vehicle harness into the corresponding port in your vehicle's dashboard. Then, connect the radio harness from the Scosche interface to your new aftermarket radio.

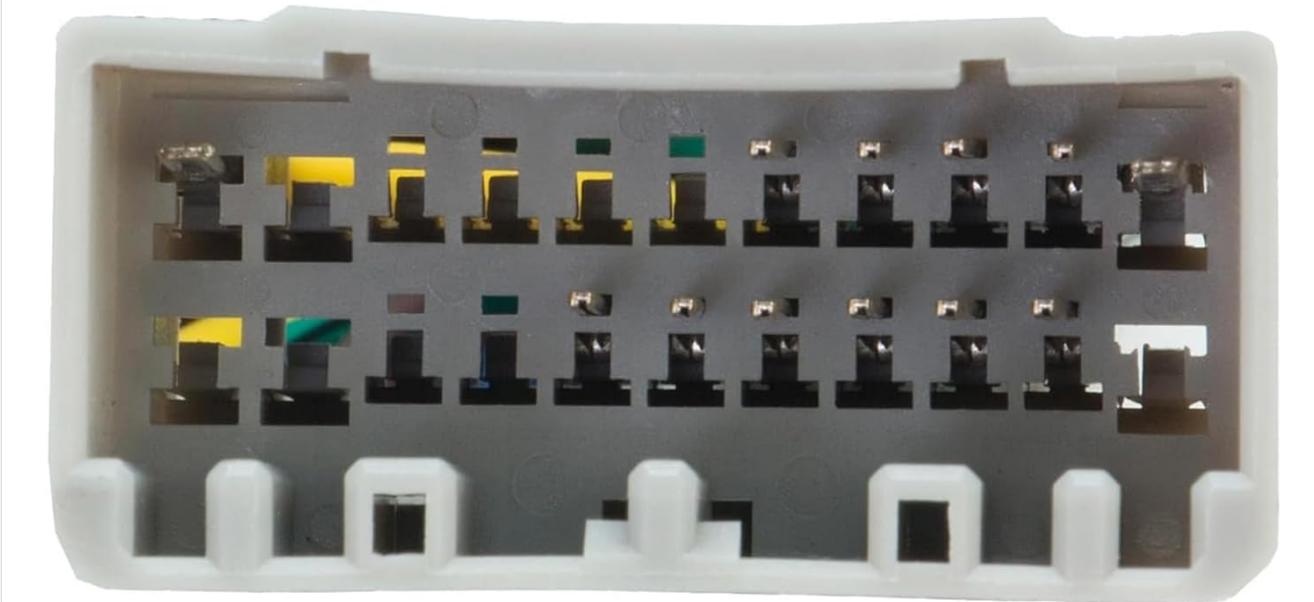
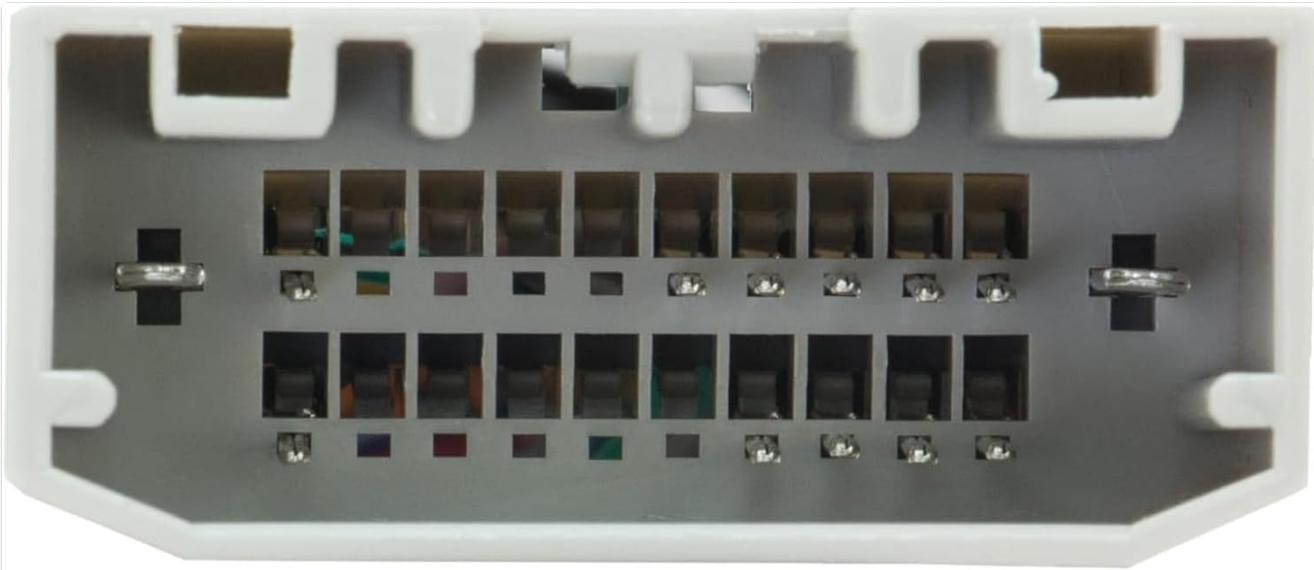


Image: A person connecting the wiring harnesses within the vehicle's dashboard, ensuring proper fit and connection.

5. **Secure the Radio:** Carefully slide the new stereo into the dashboard opening and secure it using the appropriate screws or mounting brackets.



Image: A person securing the newly installed aftermarket stereo into the vehicle's dashboard using a screwdriver.

6. **Reconnect Battery:** Reconnect the negative terminal of your vehicle's battery.
7. **Test Functionality:** Turn on your vehicle's ignition and power on the new radio. Verify that all functions, including audio output, steering wheel controls, and any retained factory features, are working correctly.

## OPERATING INSTRUCTIONS

The Scosche CR4000SWF interface operates automatically once installed, enabling communication between your new aftermarket stereo and your vehicle's factory systems. There are no specific user-adjustable settings on the interface module itself.

To operate your audio system, refer to the owner's manual of your aftermarket stereo. The CR4000SWF ensures that your factory steering wheel controls will function with your new stereo, allowing you to manage volume, tracks, and other audio functions directly from your steering wheel. It also maintains the functionality of your OEM amplifier and factory safety/warning chimes.

Ensure your aftermarket stereo is properly configured to recognize and utilize the steering wheel control signals provided by the CR4000SWF. This may involve a setup menu within your new stereo's settings.

## MAINTENANCE

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The Scosche CR4000SWF interface is designed for long-term reliability and requires minimal maintenance. Keep the area around the installed module clean and free from debris.

- Periodically check all wiring connections to ensure they remain secure and free from corrosion.
- Avoid exposing the interface module to extreme temperatures or moisture.
- Do not attempt to open or modify the interface module, as this will void the warranty.

## TROUBLESHOOTING

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If you encounter issues after installing the CR4000SWF, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No power to new stereo	Incorrect wiring, blown fuse, loose battery connection.	Check all power and ground connections. Verify vehicle fuses. Ensure battery terminals are securely reconnected.
Steering wheel controls not working	Incorrect SWC wiring, stereo not configured for SWC.	Ensure the 3.5mm jack or SWC wires are correctly connected. Refer to your aftermarket stereo's manual for SWC programming.
No audio or distorted audio	Incorrect speaker wiring, amplifier issue (if applicable), loose connections.	Double-check all speaker wire connections. If your vehicle has an OEM amplifier, ensure it's properly integrated.
Factory chimes not working	Interface module not receiving power or incorrect connection.	Verify all connections to the interface module, especially power and ground.

If these steps do not resolve the issue, please contact Scosche customer support.

## SPECIFICATIONS

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Feature	Detail
Model Number	CR4000SWF
Compatible Vehicles	Select 2004-20 Chrysler, Dodge & Jeep Vehicles
Material	Copper, Polyvinyl Chloride (PVC)
Connector Type	Deutsch Dt

Feature	Detail
Item Weight	5.6 ounces
Package Dimensions	5.71 x 4.33 x 3.19 inches
Color	Black

## FIT GUIDE - CR4000SWF

2004-2020 CHRYSLER • DODGE • JEEP • MITSUBISHI • VOLKSWAGEN

MAKE   MODEL	YEAR	MAKE   MODEL	YEAR
<b>CHRYSLER</b>		<b>JEEP</b>	
200	2011-14	COMMANDER	2008-10
300	2008-10	COMPASS	2009-16
ASPEN	2008-09	GRAND CHEROKEE	2008-10
SEBRING Sedan	2007-10	LIBERTY*	2008-09
SEBRING Convertible	2008-10	LIBERTY	2010-12
TOWN & COUNTRY	2008-17	PATRIOT	2009-16
		WRANGLER*	2007-09
		WRANGLER	2010-17
		WRANGLER Unlimited*	2007-09
		WRANGLER Unlimited	2010-17
		WRANGLER JK	2018
<b>DODGE</b>		<b>MITSUBISHI</b>	
AVENGER	2007-14	RAIDER	2008-09
CALIBER	2009-13		
CARAVAN*	2008-09	<b>VOLKSWAGEN</b>	
CARAVAN	2010-20	ROUTAN	2009-13
CHALLENGER	2009-14		
CHARGER	2008-10		
DAKOTA	2008-10		
DURANGO	2004-09		
GRAND CARAVAN*	2008-09		
GRAND CARAVAN	2010-20		
JOURNEY*	2009-10		
MAGNUM	2008-09		
NITRO	2007-11		
RAM PICKUP 1500-3500	2009-12		

### INSTALLATION NOTE:

Models Marked with \* do not retain Fade Control with Factory Amplified Systems.

Image: Compatibility chart for the Scosche CR4000SWF, listing compatible Chrysler, Dodge, Jeep, Mitsubishi, and Volkswagen models and years.

## WARRANTY & SUPPORT

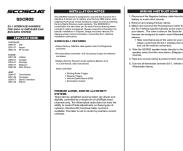
The Scosche CR4000SWF is backed by Scosche's Lifetime Tech Support and Limited Warranty, ensuring peace of mind for your purchase.

For detailed warranty information, technical assistance, or further support, please visit the official Scosche website or refer to the full [Installation Manual \(PDF\)](#).

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## Related Documents - CR4000SWF

 <p><b>Scosche LPCR15: Steering Wheel Control Interface for Chrysler, Dodge, Jeep, VW, Mitsubishi</b></p> <p>Detailed guide for the Scosche LPCR15 interface, enabling replacement of factory stereos while retaining steering wheel controls, OEM phone buttons, and factory amplifiers for select 2002-2017 Chrysler, Dodge, Jeep, Volkswagen, and Mitsubishi vehicles. Includes application guide, wiring diagrams, and installation notes.</p>
 <p><b>Scosche CR4000SW: Factory Stereo Replacement Interface for Chrysler, Dodge, Jeep Vehicles</b></p> <p>Upgrade your 2004-up Chrysler, Dodge, or Jeep vehicle's audio system with the Scosche CR4000SW factory stereo replacement interface. This guide details installation, compatibility, and steering wheel control integration for a seamless aftermarket stereo setup.</p>
 <p><b>Scosche CR10SR Stereo Replacement &amp; Steering Wheel Control Interface Installation Guide</b></p> <p>Installation guide for the Scosche CR10SR interface, enabling replacement of factory stereos in Chrysler, Dodge, Jeep, Mitsubishi, and Volkswagen vehicles while retaining steering wheel controls.</p>
 <p><b>Scosche GM3000SW-WM1: GM LAN Stereo Replacement Interface &amp; Steering Wheel Control Retention</b></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><b>Scosche FD5000SW-WM1 Factory Stereo Replacement Interface Installation Guide</b></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>



### [Scosche S3CR02 S-3 Interface Harness Installation Guide for Chrysler, Dodge, and Jeep \(2004-10\)](#)

Detailed installation notes and wiring instructions for the Scosche S3CR02 S-3 Interface Harness, enabling replacement of factory stereos in 2004-2010 Chrysler, Dodge, and Jeep vehicles while retaining features like CAN Bus data, accessory output, premium audio, and steering wheel controls.