

Scosche FD16B

Scosche FD16B Stereo Wiring Harness Instruction Manual

Model: FD16B

Compatible with Select Non-Amplified 1998-2011 Ford, Lincoln, Mazda, Mercury and Nissan Vehicles

PRODUCT OVERVIEW

The Scosche FD16B Stereo Wiring Harness is designed to facilitate the installation of an aftermarket car stereo in select non-amplified Ford, Lincoln, Mazda, Mercury, and Nissan vehicles manufactured between 1998 and 2011. This harness provides a direct connection to your vehicle's factory wiring, eliminating the need to cut or splice original wires, ensuring a clean and professional installation. It is constructed with OEM quality wire and connectors for durability and reliable performance.

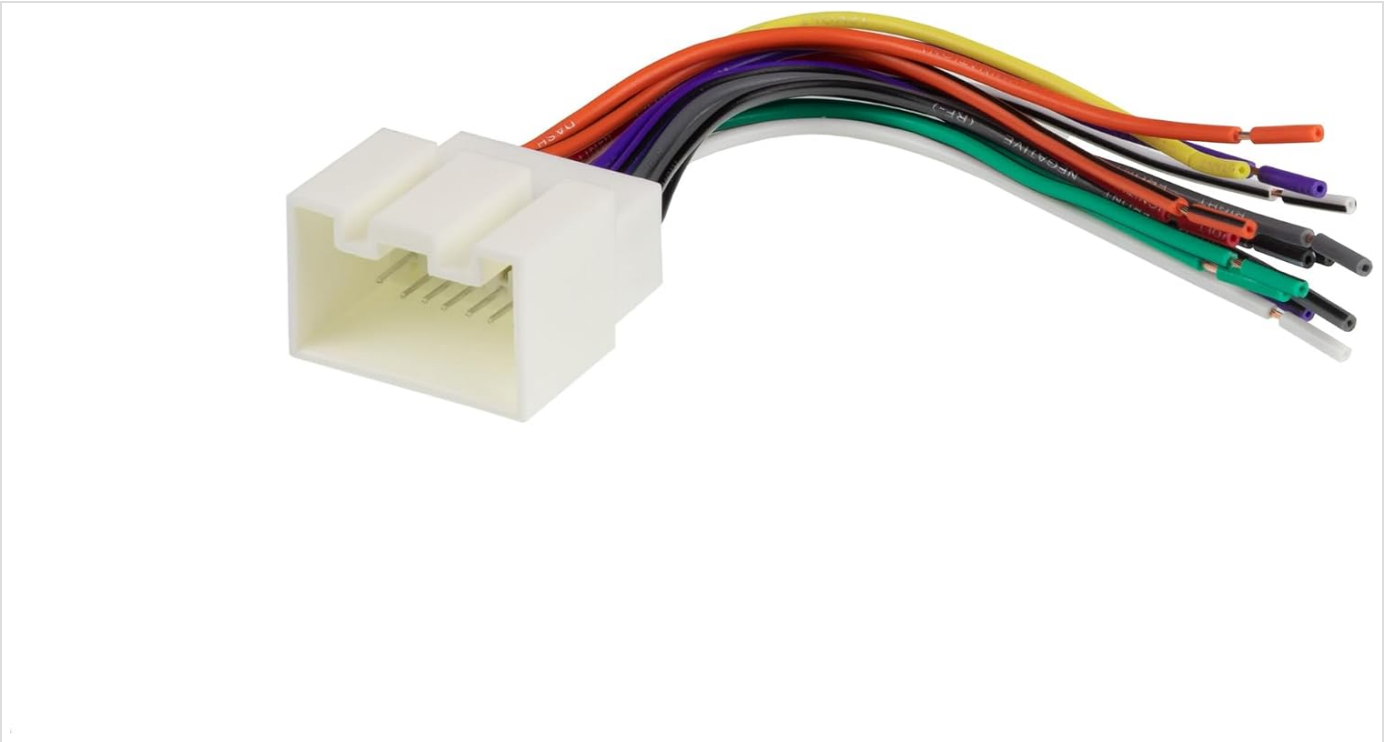


Image: Scosche FD16B Stereo Wiring Harness, showing the white vehicle connector and the multi-colored wires for connecting to an aftermarket stereo.

VEHICLE COMPATIBILITY

This harness is compatible with a wide range of non-amplified vehicles. Please refer to the fit guide below to confirm compatibility with your specific make, model, and year. Note that some vehicles may have limited compatibility based on trim level, and this harness is not compatible with factory amplified systems.

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**

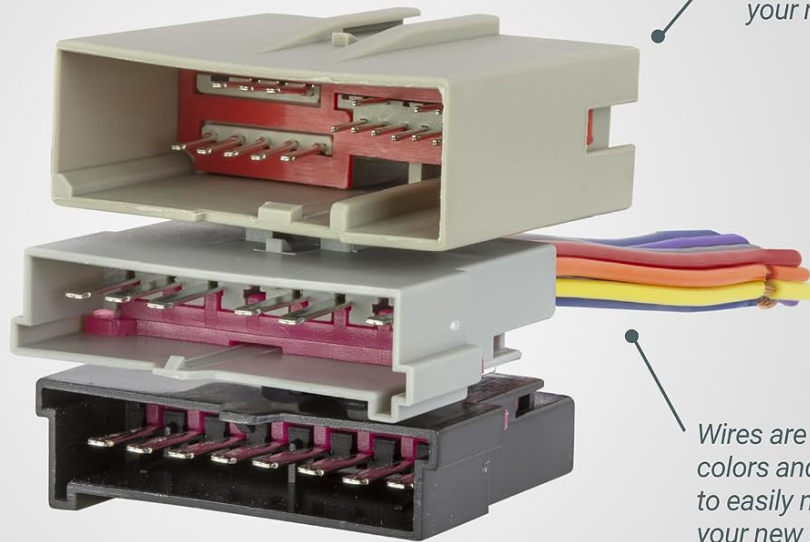


*Image for
reference only*

MAKE YOUR INSTALL EASY

A

DASH KIT

B

**WIRE HARNESS/
INTERFACE**

C

**ANTENNA
ADAPTER**

Parts for A and C sold separately



Image: Fit Guide for Scosche FD16B, listing compatible Ford, Lincoln, Mazda, Mercury, and Nissan models and years from 1998-2011.

SETUP AND INSTALLATION

Installation of the Scosche FD16B harness is designed to be straightforward. It connects directly to your vehicle's factory radio harness and provides color-coded wires that match the industry standard for aftermarket stereos.

Wiring Connections

Connect the wires from the Scosche FD16B harness to the corresponding wires on your new aftermarket stereo's wiring harness. The wires are color-coded according to EIA industry standards for easy identification. Each wire is individually labeled.

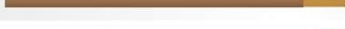
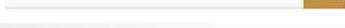
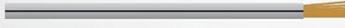


Image: Diagram illustrating how the Scosche car stereo connector quickly connects factory wiring to a new stereo, highlighting factory quality and standard color-coded wires.

EIA Wire Color Code Chart

Refer to the following chart for standard wire color assignments. Always cross-reference with your aftermarket stereo's owner's manual for specific wiring details before making any connections.

ELECTRONICS INDUSTRY ASSOCIATION (EIA) WIRE COLOR CODE CHART

YELLOW		12V BATTERY : CONSTANT (+)
RED		12V BATTERY : SWITCHED (+)
BLACK		CHASSIS 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: Electronics Industry Association (EIA) Wire Color Code Chart, detailing common wire colors and their functions (e.g., Yellow for 12V Battery Constant, Red for 12V Battery Switched, Black for Chassis Ground, etc.).

Connecting the Harness

1. Identify the corresponding wires on both the Scosche FD16B harness and your aftermarket stereo's harness using the EIA color code chart and your stereo's manual.
2. Carefully strip a small portion of insulation from the ends of matching wires.
3. Securely connect the wires using appropriate methods such as crimp connectors, soldering, or heat shrink butt connectors. Ensure all connections are firm and insulated to prevent short circuits.
4. Once all connections are made between the aftermarket stereo harness and the FD16B harness, plug the FD16B harness into your vehicle's factory radio connector.
5. Test the stereo's functionality (power, audio, balance, fade, etc.) before fully reassembling the dashboard.

OPERATION

Once installed, the Scosche FD16B harness enables the proper electrical connection between your aftermarket stereo and your vehicle's electrical system. The operation of your stereo will then be governed by the features and controls of the aftermarket unit itself. Ensure all connections are secure for consistent performance.

MAINTENANCE

The Scosche FD16B wiring harness requires minimal maintenance. Ensure that all connections remain secure and free from moisture or excessive vibration. Periodically check the connections if you experience any intermittent issues with your stereo. Keep the harness away from sharp objects or extreme temperatures that could damage the wiring insulation.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Stereo does not power on.	Incorrect power wire connection (Yellow/Red), blown fuse, poor ground connection (Black).	Verify constant (Yellow) and switched (Red) 12V connections. Check stereo and vehicle fuses. Ensure Black wire is securely grounded.
No sound from speakers.	Incorrect speaker wire connections, speaker polarity reversed, amplifier not turning on (if applicable).	Double-check all speaker wire connections (e.g., White, Gray, Green, Purple). Ensure correct polarity (+/-). If using an external amp, verify remote turn-on wire (Blue/White).
Intermittent power or sound.	Loose wire connections, damaged wiring.	Inspect all connections for tightness and proper insulation. Check for any visible damage to the harness wires.
Radio loses memory presets.	Constant 12V wire (Yellow) not connected or losing power.	Ensure the Yellow wire from the harness is correctly connected to a constant 12V source.

SPECIFICATIONS

Feature	Detail
Brand	Scosche
Model Number	FD16B
Material	Copper, Polyvinyl Chloride (PVC)
Item Dimensions (L x W x H)	0.75 x 4.25 x 7.5 inches
Item Weight	0.8 ounces (22.68 g)
Cable Type	Speaker
Connector Type	Multi-pin Vehicle Connector
Color	White (connector)
UPC	033991984608

WARRANTY AND SUPPORT

The Scosche FD16B Stereo Wiring Harness is backed by Scosche's Limited Lifetime Warranty, ensuring quality and reliability. Additionally, Scosche provides Lifetime Tech Support to assist you with any installation or product-related inquiries. For support,

please visit the official Scosche website or contact their customer service.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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