



SOOGM-16

SOOGM-16A

Harness: 2606 Only.
Covers 2012-UP Pick-Ups
w/ Navigation listed below.

BUICK:

2008 - 2012 Enclave
2006 - 2011 Lucerne

CADILLAC

2006 - 2010 DTS
2007 - 2013 Escalade
2007 - 2009 SRX

CHEVROLET:

2007 - 2013 Avalanche*
2007 - 2009 Equinox
2008 - 2011 Express Van
2006 - 2013 Impala/ Impala SS
2006 - 2007 Monte Carlo
2007 - 2013 Silverado* 1500-3500 Pickup
2007 - 2013 Suburban*
2007 - 2013 Tahoe*
2009 - 2012 Traverse

GMC:

2007 - 2012 Acadia
2008 - 2011 Savana
2007 - 2013 Sierra 1500-3500 Pickup*
2007 - 2013 Yukon*

HUMMER:

2008 - 2009 H2

PONTIAC:

2007 - 2009 Torrent

SATURN:

2007 - 2009 Outlook
2008 - 2009 Vue

SUZUKI:

2007 - 2008 XL7

***2012 Vehicles with Navigation Units are not supported. Needed is SOOGM-16A**

Tech Tip:

Make sure to wipe the 3.5mm plug before inserting into the aftermarket radio to avoid a bad connection.

This Interface Supports:

- BOSE Amplifier
- Y-91 System
- Rear Seat Entertainment*
- Back-Up Camera

ONSTAR RADIO REPLACEMENT FOR SELECT GM LAN 29-BIT VEHICLES 2006-UP

We recommend reading this installation guide first before starting any work. Following these instructions from "Start" to "Finish" will ensure a smooth and hassle free installation. We offer telephone support M-F 9:00 AM - 5:00PM PDT at 1 (855) 822-1348. We are here to help.

PARTS INCLUDED:

- (1) Interface Module
- (1) GM 29-Bit Harness (Part Number: Crux2513)
- (1) Instruction Sheet
- (1) Reverse Camera Harness (CJA2103A)

PRECAUTIONS:

- Remove the negative side of the battery to avoid any short circuits during the installation.
- Do not install the interface near any major components or near the HVAC system. This may cause damage or overheating to the vehicle.

PRELIMINARY:

Please read the entire manual before installing this interface.

This unit provides the following:

- 12V Acc Output (3A Max/ RAP)
- Illumination Output (250mA Max)
- Low Voltage (Batt Run-Down Protection)

Chimes Include:

- Seatbelt
- Check Engine
- Key In Ignition
- Low Fuel
- Low Oil
- Lights On

Before installing this interface please review the options before removing the factory radio. Some options may need to be adjusted prior to removing the factory radio. **Options include:**

- Standard BOSE Amplifier
- Premium Bose (Y-91)

IMPORTANT:

- The Front and Rear fading are not retained on Y-91 BOSE.
- The Onstar volume output is defaulted to low-gain

WIRING COLOR CODES

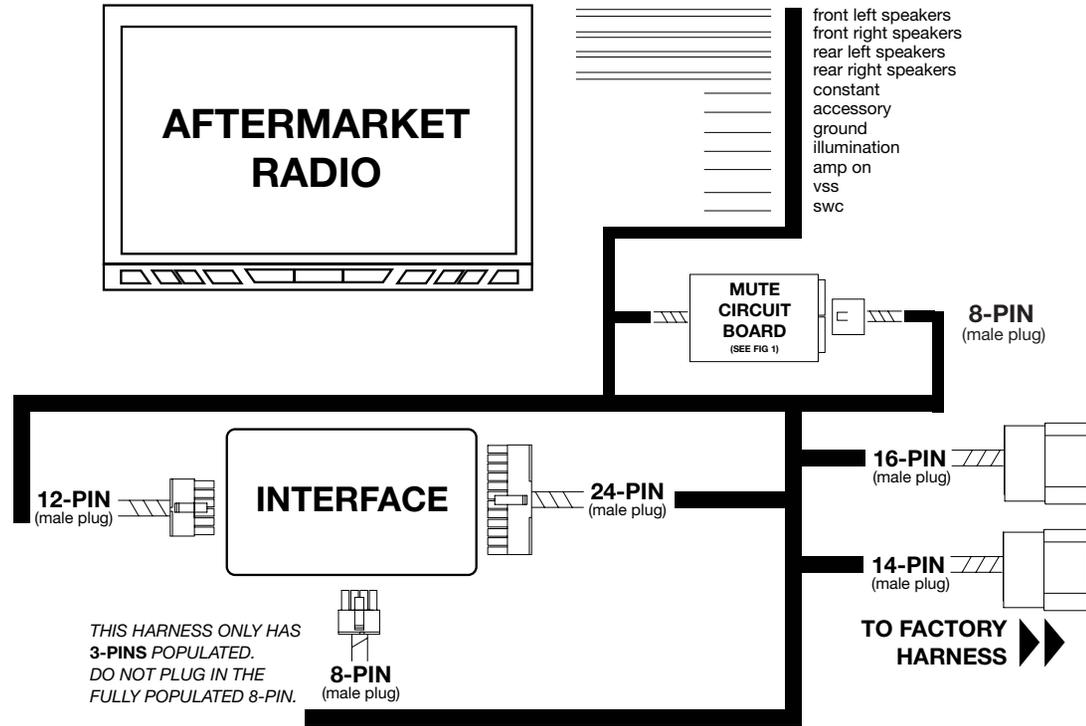
Black	= Ground
Red	= Accessory
Yellow	= Constant
Orange	= Illumination
Blue/White	= Amplifier Turn-On
White	= Left Front (+)
White/Black	= Left Rear (-)
Gray	= Right Front (+)
Gray/Black	= Right Front (-)
Green	= Left Rear (+)
Green/Black	= Left Rear (-)
Purple	= Right Rear (+)
Purple/Black	= Right Rear (-)
Purple/White	= Vehicle Speed Sense
Blue/Yellow	= SWC (Kenwood/ JVC)
Orange/White	= Dimmer
Yellow/Black	= Parking Brake
Red/White	= Reverse Gear

USING THE SWC WIRE ON NEW JVC UNITS

New JVC units no longer carry the 3.5mm cable and have added the SWC signal via a Lt. Blue/Yellow wire. This wire needs to be connected to the SWC wire labeled "Kenwood" also Lt. Blue/Yellow. Be sure to keep the dial switch set to number 4 when using JVC units.

OVERVIEW OF INSTALLATION

MATCH LOOSEWIRES TO AFTERMARKET RADIO



CONNECT THE WIRES, COLOR FOR COLOR.

- front left speakers
- front right speakers
- rear left speakers
- rear right speakers
- constant
- accessory
- ground
- illumination
- amp on
- vss
- swc

ADJUSTING THE GAIN

High Gain (Non-Bose Systems)
Press OnStar button, Hear "Onstar Ready", Turn Dial knob to "9", Wait 4 seconds, Press OnStar button "Thank you Good Bye".
Turn Dial knob back to Aftermarket radio corresponding.

The interface is defaulted at Low-Gain. (BOSE Systems)

REAR SEAT ENTERTAINMENT (SPECIAL ORDER)

1. Connect the rear seat entertainment 16-Pin connector to the vehicles 16-Pin factory connector.
2. Connect the RCA's to the aftermarket radio video and audio input.
3. Test the video and audio before installing the radio into the dash.

GRAY Connector



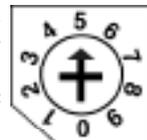
Must Special Order Harness: CJA2333A

RADIO REMOTE SELECT:

0. Pioneer
1. Alpine
2. Clarion
3. Kenwood
4. JVC
5. Sony/Jensen/Dual

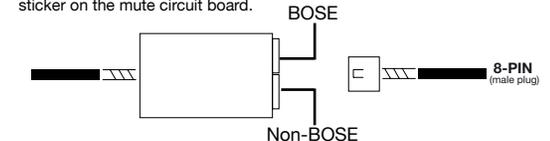
Use a small screw driver to make adjustments.

Note: Seek Up is not supported on Jensen radios.



USING THE MUTE CIRCUIT BOARD (FIG 1)

The external mute circuit is used to mute the audio on your radio. Determine whether your radio is equipped with BOSE, then place the 8 pin connector into the proper female connector. Reference the sticker on the mute circuit board.



BACK-UP CAMERA CONNECTION

1. Connect the back-up camera 16-Pin connector to the vehicles 16-Pin factory connector.
2. Connect the yellow video RCA to the new aftermarket radio video input.
3. Test the video feed before installing the radio back into the dashboard.



Part Number: CJA2103A

The module has been rated for upto 3A max of output. For applications demanding a continuous output of 3A or more, we recommend using a standard BOSCH (SPDT) relay. See your local car audio specialist.