



## SOOGM-15

### BUICK

2005 - 2009 La Crosse\*  
2004 - 2007 Rainer\*  
2005 - 2007 Rendezvous\*  
2005 - 2007 Terra\*za\*

### CADILLAC

2003 - 2006 Escalade  
2003 - 2006 Escalade ESV  
2003 - 2006 Escalade EXT

### CHEVROLET

2003 - 2006 Avalanche  
2003 - 2005 Blazer S-10  
2000 - 2005 Cavalier  
2004 - 2012 Colorado  
2005 - 2007 Corvette  
2008 - 2010 Corvette\*  
2000 - 2005 Impala\*/ Impala SS  
2001 - 2003 Malibu  
2004 - 2004 Malibu (Classic)  
2000 - 2005 Monte Carlo\*  
2004 - 2004 Pickup S-10  
2003 - 2003 Silverado Z71\*  
2003 - 2006 Silverado 1500-3500  
2007 - 2007 Silverado 1500-3500 (Classic)  
2004 - 2006 SSR  
2003 - 2006 Suburban  
2003 - 2006 Tahoe  
2002 - 2009 Trailblazer  
2005 - 2008 Uplander\*

### GMC

2004 - 2012 Canyon  
2004 - 2009 Envoy  
2004 - 2007 Envoy XUV  
2003 - 2007 Savana  
2003 - 2006 Sierra 1500-3500  
2007 - 2007 Sierra 1500-3500 (Classic)  
2002 - 2004 Sonoma  
2003 - 2006 Yukon/ XL

### HUMMER

2003 - 2007 H2  
2006 - 2007 H3/H3T

### ISUZU

2004 - 2008 Ascender  
2006 - 2008 i280/i290/i350

### OLDSMOBILE

2002 - 2004 Alero\* (w/RDS Radio)  
2002 - 2004 Bravada  
2002 - 2002 Intrigue  
2000 - 2002 Silhouette (w/chime)  
2003 - 2004 Silhouette

### PONTIAC

2001 - 2005 Aztek\*  
2001 - 2005 Grand AM\*  
2004 - 2008 Grand Prix\*  
2000 - 2005 Sunfire

### SATURN

2005 - 2007 Relay

\*Steering wheel controls are not retained.  
For functionality please use the radio.

## ONSTAR RADIO REPLACEMENT FOR SELECT GM CLASS II VEHICLES 2000-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 - 5:00 PM PDT at 1 (855) 822-1348. We are here to help.

### PARTS INCLUDED:

- (1) Interface Module
- (1) GM Class II Harness (Part Number: Crux2509)
- (1) 8-Pin BOSE Adaptor
- (1) Instruction Sheet

### 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:
- Seat belt
- 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 VSS wire is only for the Y-91 Premium BOSE systems.
- The Front and Rear fading are not retained on Y-91 BOSE.
- The Onstar volume output is defaulted to low-gain

## WIRING COLOR CODES

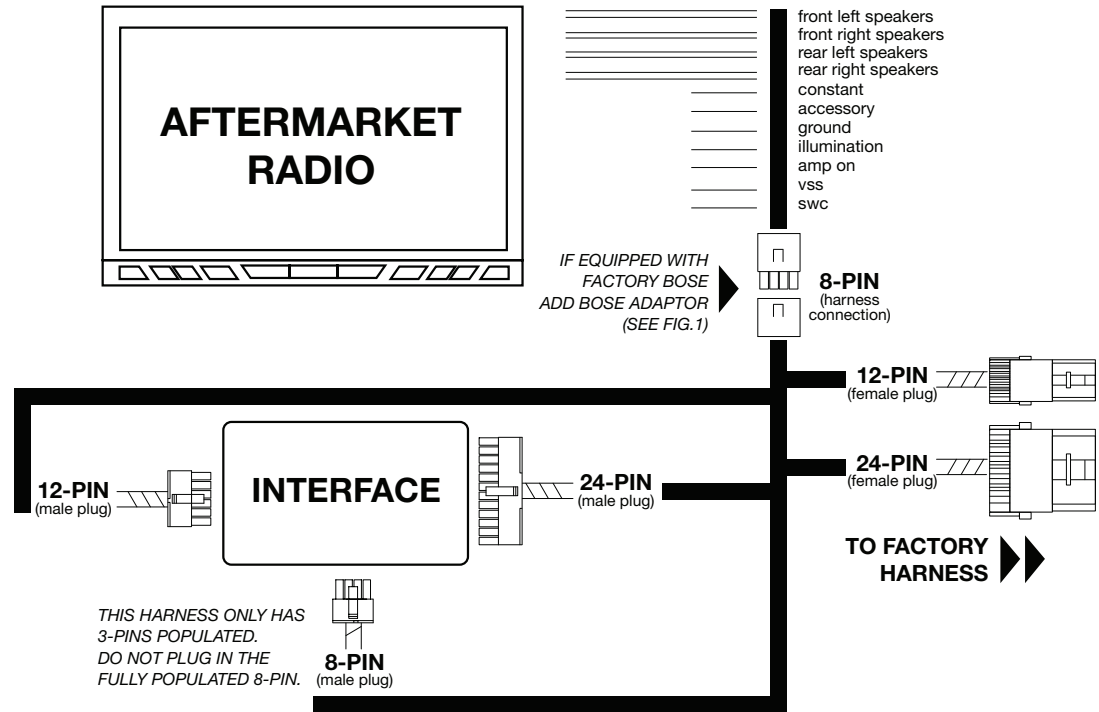
Black	= Ground
Red	= Accessory
Yellow	= Constant
Orange	= Illumination
Blue/White	= Amplifier Turn-On
White	= Left Front (+)
White/Black	= Left Front (-)
Gray	= Right Front (+)
Gray/Black	= Right Front (-)
Green	= Left Rear (+)
Green/Black	= Left Rear (-)
Purple	= Right Rear (+)
Purple/Black	= Right Rear (-)
Black/Yellow	= Vehicle Speed Sense (Y-91 Only)
Lt. Blue/Yellow	= SWC (Kenwood/ JVC)
Brown	= Rear Seat Entertainment Enable*

\*RSE Enable is for vehicles that activate the RSE through the ACC, not the Can-Bus. Connect to 12v Acc, if no image.

The color code section above is using the industry standard E.I.A. color codes.

## OVERVIEW OF INSTALLATION

### MATCH LOOSEWIRES TO AFTERMARKET RADIO



### ADJUSTING THE GAIN

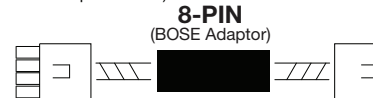
High Gain (Non-Bose Systems)  
Press OnStar button, Hear "Onstar Ready", Turn Dial knob to "9", Wait 4 seconds, Press Onstar button "Thank you Good Bye". Turn Dial knob back to Aftermarket radio corresponding.

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

### BOSE ADAPTOR (FIG. 1)

If the vehicle is equipped with factory BOSE please use the 8-pin BOSE adaptor that is included.

1. Place the 8-Pin BOSE adaptor between the two 8-Pin harness connection. (The BOSE adaptor allows for the radio to match the BOSE amplifiers level)

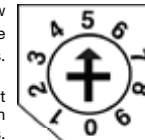


### RADIO REMOTE SELECT:

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 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.

The module has been rated for up to **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.

**Below is a diagram on how to install the BOSCH relay.**

