



**GM3000SW**

# **GM LAN REPLACEMENT INTERFACE W/CHIME AND STEERING WHEEL CONTROL RETENTION FOR 2004-16 SELECT GM VEHICLES**

## **INTRODUCTION**

The **GM3000SW** GM LAN stereo replacement interface will allow you to replace your GM factory stereo and retain all safety and warning chimes with your aftermarket car stereo. The interface will also retain steering wheel controls (if equipped) when using a compatible aftermarket stereo.

If you have any further questions, or need dash disassembly instructions, call our TOLL-FREE number:  
**TECHNICAL HELP line 1-800-621-3695 x1**

# PRELIMINARY

## WHY YOU NEED THIS PART

Your factory stereo is an integral part of your vehicle's SAFETY and WARNING CHIME systems. If the stereo is removed without the proper installation accessory, various warning chimes and/or some functions of your vehicle may be LOST including:

- Seatbelt warning chime
- Lights left on chime
- Key left in ignition chime
- +12V Accessory Power at Radio's location
- Park assist (if equipped)
- RAP (Retained Accessory Power)
- Low fuel
- Steering wheel audio controls (if equipped)

Your vehicle's ECM (Electronics Control Module) will also store an error code if operated without the factory radio installed and you may experience difficulty in having the vehicle serviced at the dealership. The interface module/harness allows you to REPLACE the factory stereo and RETAIN all SAFETY and WARNING chimes. Additionally, the **GM3000SW** replacement interface will send the proper data commands to your vehicle's ECM (Electronics Control Module) to indicate a "Healthy" status for diagnostic purposes. The interface module/harness ALSO provides a RED +12V switched ACCESSORY power source for your aftermarket stereo.

## ***BEFORE BEGINNING: READ THESE INSTRUCTIONS!***

**\*\*CAUTION\*\*:** Disconnect negative battery terminal to avoid short circuits. Read ALL manufacturers warnings regarding air bags and Electrical systems in your vehicle. We recommend the use of a volt-ohm meter or computer-safe LED probe when checking wiring. A test light or grounded light probe if used improperly can cause damage to the vehicle's computer and/or diagnostic system.

# VEHICLE APPLICATIONS

## MAKE/MODEL YEAR HARNESS

### BUICK

Enclave	2008-12	<b>A</b>
Lucerne	2006-10	<b>A</b>

### CHEVROLET

*Avalanche	2007-13	<b>A</b>
Cobalt	2007-10	<b>B</b>
Cobalt	2005-06	<b>C</b>
Equinox	2007-09	<b>A</b>
Express Van	2008-16	<b>A</b>
HHR	2006-11	<b>B</b>
Impala/Impala SS	2006-13	<b>A</b>
Malibu	2008-10	<b>B</b>
Malibu (excluding Classic)	2004-12	<b>C</b>
Malibu Maxx	2004-06	<b>C</b>
Monte Carlo	2006-07	<b>A</b>
*Silverado 1500-3500 (excluding Classic)	2007-13	<b>A</b>
**Suburban	2007-14	<b>A</b>
**Tahoe	2007-14	<b>A</b>
Traverse	2009-12	<b>A</b>

\*For 2012-13, not compatible with Factory Navigation equipped vehicles. \*\*For 2012-14, not compatible with Factory Navigation equipped vehicles.

## MAKE/MODEL YEAR HARNESS

### GMC

Acadia	2007-12	<b>A</b>
Savana	2008-16	<b>A</b>
*Sierra 1500-3500 (excluding Classic)	2007-13	<b>A</b>
**Yukon	2007-14	<b>A</b>
**Yukon XL	2007-14	<b>A</b>

### HUMMER

H2	2008-09	<b>A</b>
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### PONTIAC

G5	2007-09	<b>B</b>
G6	2008-09	<b>B</b>
G6	2005-07	<b>C</b>
Solstice	2006-09	<b>B</b>
Torrent	2007-09	<b>A</b>

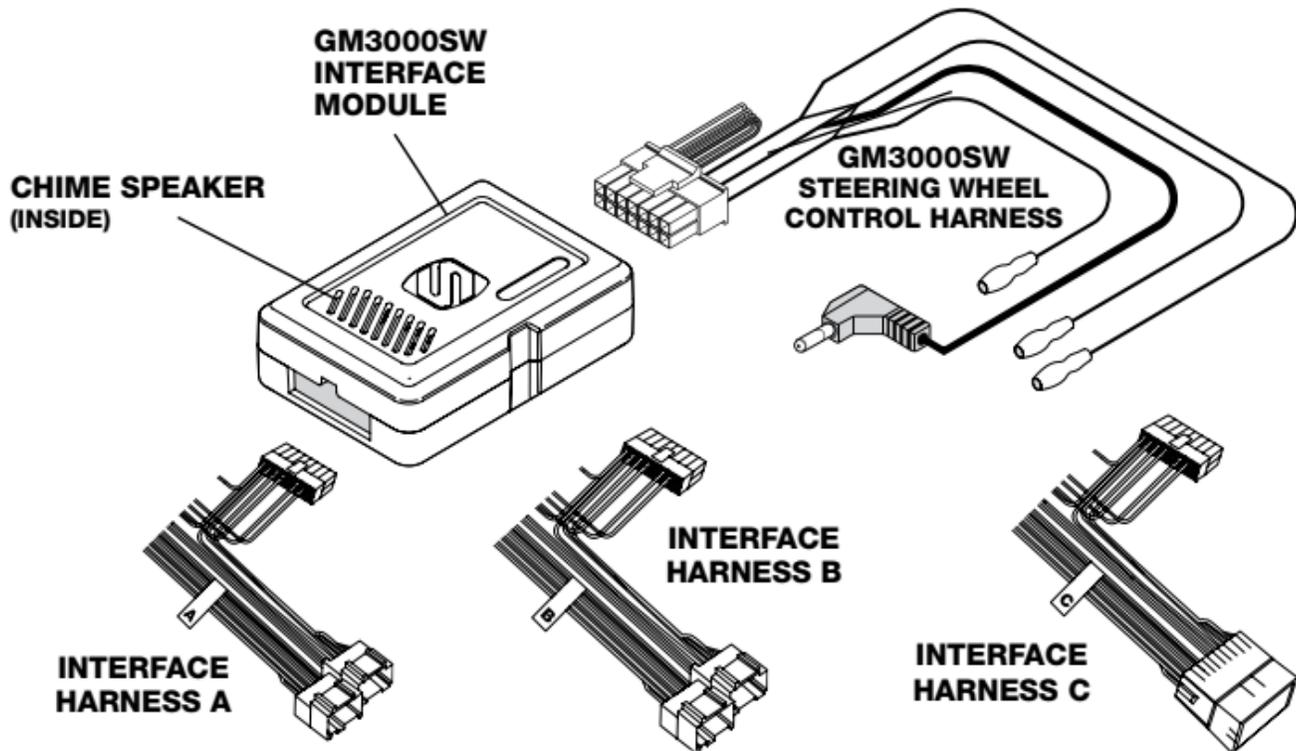
### SATURN

Aura	2007-09	<b>B</b>
Outlook	2008-09	<b>A</b>
Sky	2006-09	<b>B</b>

### SUZUKI

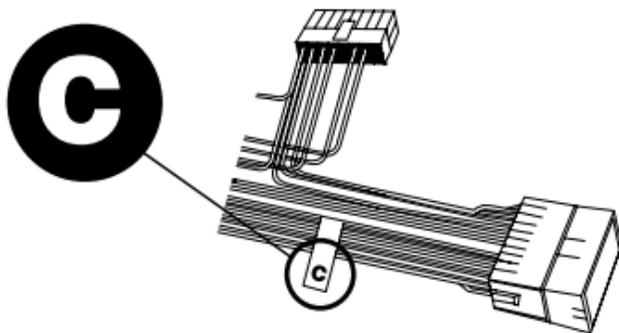
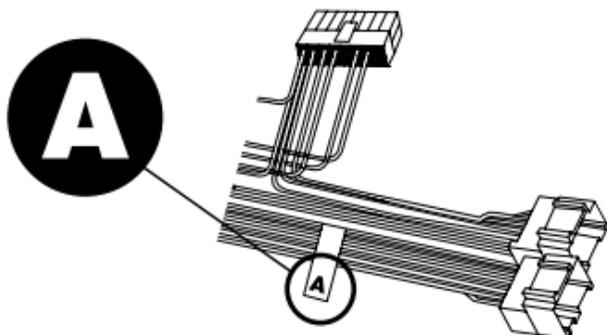
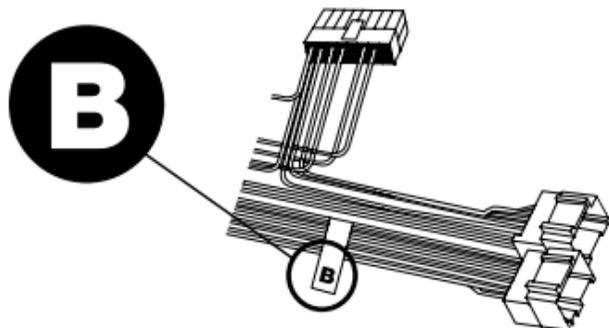
XL7	2007-10	<b>A</b>
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# GM3000SW OVERVIEW



## PRELIMINARY (cont'd)

**USE ONE OF THE THREE HARNESSES INCLUDED.**  
*For the harness that fits your vehicle, see list on page 3.*



## PRELIMINARY (cont'd)

### APPLICATION NOTES:

Not for use on "Premium Bose" or to retain OnStar systems. See application list on page 3 and note below.

STD. RADIO	STD. BOSE	PREMIUM BOSE	RETAINS ONSTAR
Yes	Yes	No	No

### "Standard" BOSE and "Premium" BOSE systems:

There are two types of BOSE systems available in many GM models listed above. The **GM3000SW** replacement interface will only provide full features with "Standard" BOSE. The **GM3000SW** is not compatible with "Premium" BOSE systems. Here are some tips to determine if your vehicle is equipped with a "Premium" Bose system:

Check the glove compartment for the Premium Bose Y91/Z75 BOSE radio code. This code may be found on a service parts sticker. Premium BOSE systems often include a CENTER CHANNEL Speaker located in the middle of the vehicle dashboard. Premium Bose radios also provide Digital Signal Processing (Surround Sound) audio adjustments. Alternate products are available from Scosche to integrate or retain OnStar and Premium Bose systems. Call Scosche for additional information at **(800) 621-3695 Ext. 1**. In the instance where you are RE-WIRING the vehicle and bypassing the "Premium" Bose Amplifier, the **GM3000SW** can be used to retain FACTORY Warning chimes.

## **WIRING INSTRUCTIONS**

1. Disconnect the Negative battery cable from the battery to avoid any short circuits.
2. Remove and unplug factory stereo. (If needed, call Scosche Tech Support **(800) 621-3695 x1** for stereo removal steps specific to your vehicle.)
3. Match and connect the appropriate wires from the harness to the appropriate wires of the plug provided with your stereo. For example, connect the +12V yellow constant lead from your stereo to the yellow wire of the harness. The color codes are designed to match MOST brand of car stereos.

**NOTE:** If your vehicle is equipped with steering wheel controls and you are installing a compatible aftermarket stereo, see pages 10-11 for connection information.

4. Note that the RED +12V switched wire for your aftermarket stereo is coming from the relay, not the vehicle harness.
5. Tape all unused wires to prevent short circuiting.
6. Reconnect the Negative battery cable
7. Connect the 16-Pin harness to the interface module.
8. Connect the harness A, B or C to the factory harness.
9. As you install your new stereo, place the interface module in the rear of the dash cavity behind the stereo. (Optional: Cable ties or double sided tape can be used to secure the module, but are not included.)

### **WIRING NOTES:**

1. There are additional yellow, black and violet wires PRE-CONNECTED between the connector and the vehicle A, B or C connector. These are Power and Data wires for the module itself. **DO NOT MAKE ANY CONNECTIONS** with these wires.
2. If your stereo does not contain an “illumination” wire, then the orange wire will not be used. Tape or terminate all unused wires to prevent short circuits.

## WIRING INSTRUCTIONS (cont'd)

### WIRING NOTES (cont'd):

“Illumination” outputs are rated at 2 amperes max. They are designed for aftermarket stereos which require an “illumination” connection. If you are using other high-demand lighted accessories (For examples aftermarket gauges or trailer lights) do not use the illumination output from your stereo harness A, B & C.

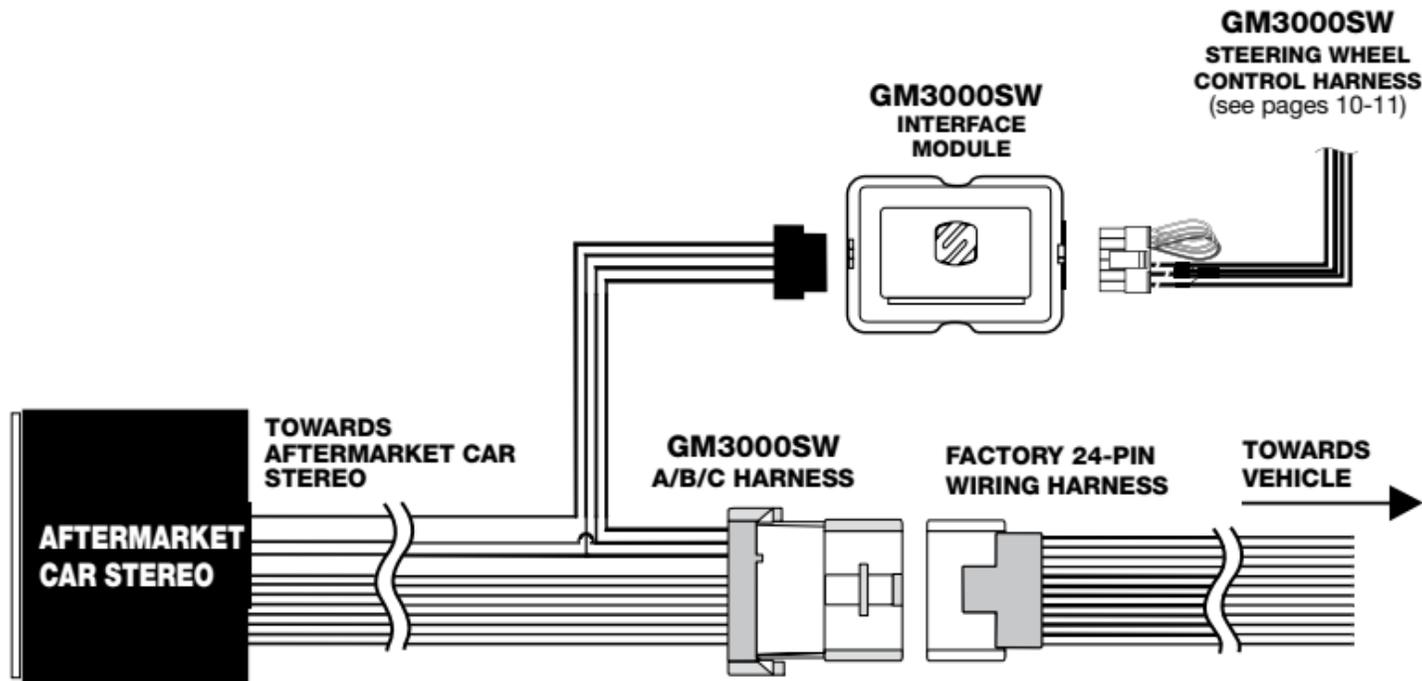
Auto illumination (Harnesses A & B only) is limited to GM LAN vehicles and if vehicle is equipped with auto-sensing headlights. Please refer to your vehicles owners manual for details.

### WIRING COLOR CODES

White	= Left Front Positive (LF+)	Orange	= Illumination
White/Black	= Left Front Negative (LF-)	Green	= Left Rear Positive (LR+)
Violet/Black	= Right Rear Negative (RR-)	Green/Black	= Left Rear Negative (LR-)
Violet	= Right Rear Positive (RR+)	Gray/Black	= Right Front Negative (RF-)
Black	= Chassis Ground (-12V)	Gray	= Right Front Positive (RF+)
Yellow	= +12 Volt Battery Constant		
Red	= +12 Volt Ignition Switched (Coming from <b>GM3000SW</b> module)		
Blue/White	= +12V Remote Output (Amp remote, Radio ON Signal)		

Most color codes used on this car stereo connector conform to the standards set by the E.I.A. (Electronics Industry Association). They may differ from the wiring codes found on your car stereo. Always refer to your stereo owners manual for wiring details about your particular car stereo.

# WIRING DIAGRAM

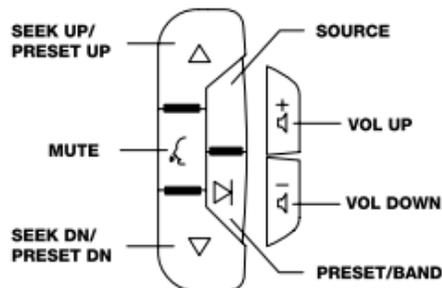


# STEERING WHEEL CONTROLS

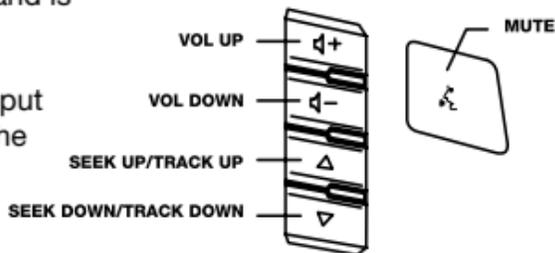
1. Determine if your vehicle has built-in stereo (audio) control buttons located on the steering wheel:
  - a. If yes, proceed to step 2.
  - b. If no, then disregard this steering wheel controls section.
2. Determine if your new stereo is compatible with steering wheel controls. Consult the installation manual provided with the stereo, or check the wiring connections behind the stereo:
  - a. Some stereos have a 3.5 mm round (headphone type) input receptacle at the rear of stereo labeled "SWC" or "SWC In"
  - b. Some stereos have Blue wire with Yellow stripe (or other color) labeled: "SWC" or "SWC In".
3. Refer to chart on page 11 to prepare the Steering Wheel Control harness. Use the chart to determine which colored loop to cut and the corresponding connection for your particular stereo. If your brand is not listed in the chart, please call tech support for assistance: (800) 612-3695 Ext. 3
4. Connect the 3.5mm Male jack the back of the stereo's SWC input or connect the Brown (KEY1), Gray (KEY2) or Black (GND) to the stereo's SWC input wire.
5. Connect the Male 14-Pin connector the interface module as shown in the diagram.

**\*\*NOTE:** Steering wheel control buttons and functions are provided as a guide. Your specific vehicle may differ.

**GM3000SW  
STEERING WHEEL LEGEND 1\*\***



**GM3000SW  
STEERING WHEEL LEGEND 2\*\***

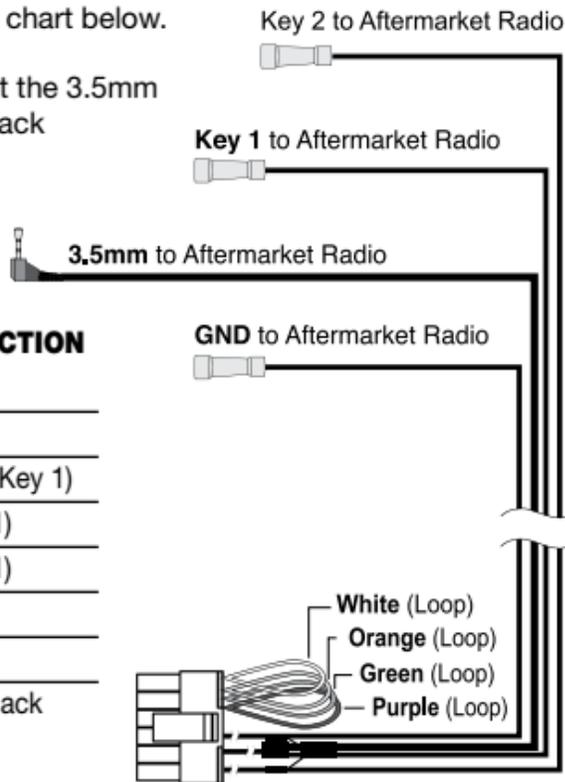


# STEERING WHEEL WIRING CODES

1. Prepare **GM3000SW** steering wheel connector by using the chart below.
2. Connect the harness to the interface module.
3. For Alpine, Clarion, JVC, Panasonic and car stereos, connect the 3.5mm male steering plug into the steering wheel input jack at the back of the stereo.
4. For Kenwood and newer JVC stereos, connect the BROWN wire from the steering wheel harness to the REMOTE IN wire at the back of the stereo.

STEREO BRAND	CONFIGURATION	STEREO CONNECTION
<b>ALPINE</b>	Cut Green loop	3.5mm
<b>CLARION</b>	Cut Violet loop	3.5mm
<b>JVC</b>	Cut Green & Violet loop	3.5mm or Brown (Key 1)
<b>KENWOOD</b>	Cut Orange & Green	Brown (Key 1)
<b>PANASONIC</b>	Cut Orange	Brown (Key 1)
<b>SONY</b>	Cut White	3.5mm
<b>PIONEER</b>	No cut required	3.5mm
<b>OTHER BRANDS</b>	Call Tech Support	Brown, Gray, Black

**\*NOTE:** Cut wire ONLY. DO NOT remove!



## **OPERATION**

When connected and installed per these instructions, the aftermarket car stereo should operate just like the factory system did. If using steering wheel controls and compatible stereo, refer to the diagram on page 10 for button functions. The chimes will be produced by the speaker inside the interface module located in the dash behind your stereo. The retained accessory power function of the stereo will continue to operate as normal. The interface module will send the proper DATA commands to your vehicle's electronics module to keep your vehicle's diagnostics system functioning normally as with the factory stereo. Consult your stereo owner's guide for info specific to the operations of your new car stereo.

### **FACTORY CHIMES PRODUCED BY THE GM3000SW REPLACEMENT INTERFACE:**

- Seatbelt warning chime
- Key left in ignition chime
- Service reminders/warnings when displayed on instrument cluster
- Park assist (if equipped)
- Lights left on chime
- Low fuel

**For complete warranty details, please visit us at [www.scosche.com](http://www.scosche.com)  
or call (800) 363-4490**