

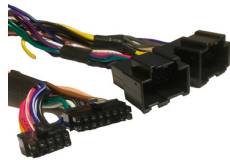
PRODUCT FEATURES:

- Retains factory features in select GM LAN 11 Bit vehicles while functioning with an aftermarket radio.
- Pre-programmed to retain factory Steering Wheel Controls.
- Supports Non-Bose and Bose amplified systems.
- Provides Vehicle Speed Sensor (VSS), Parking Brake and Reverse Outputs.
- Retains factory OnStar[®]
- Retains chime functions.
- EIA color coded wiring for easy installation.

PARTS INCLUDED:



SOOGM-16B MODULE



SOOGM-16B 14 & 16 PIN HARNESS



SOOGM-16B 24 PIN HARNESS

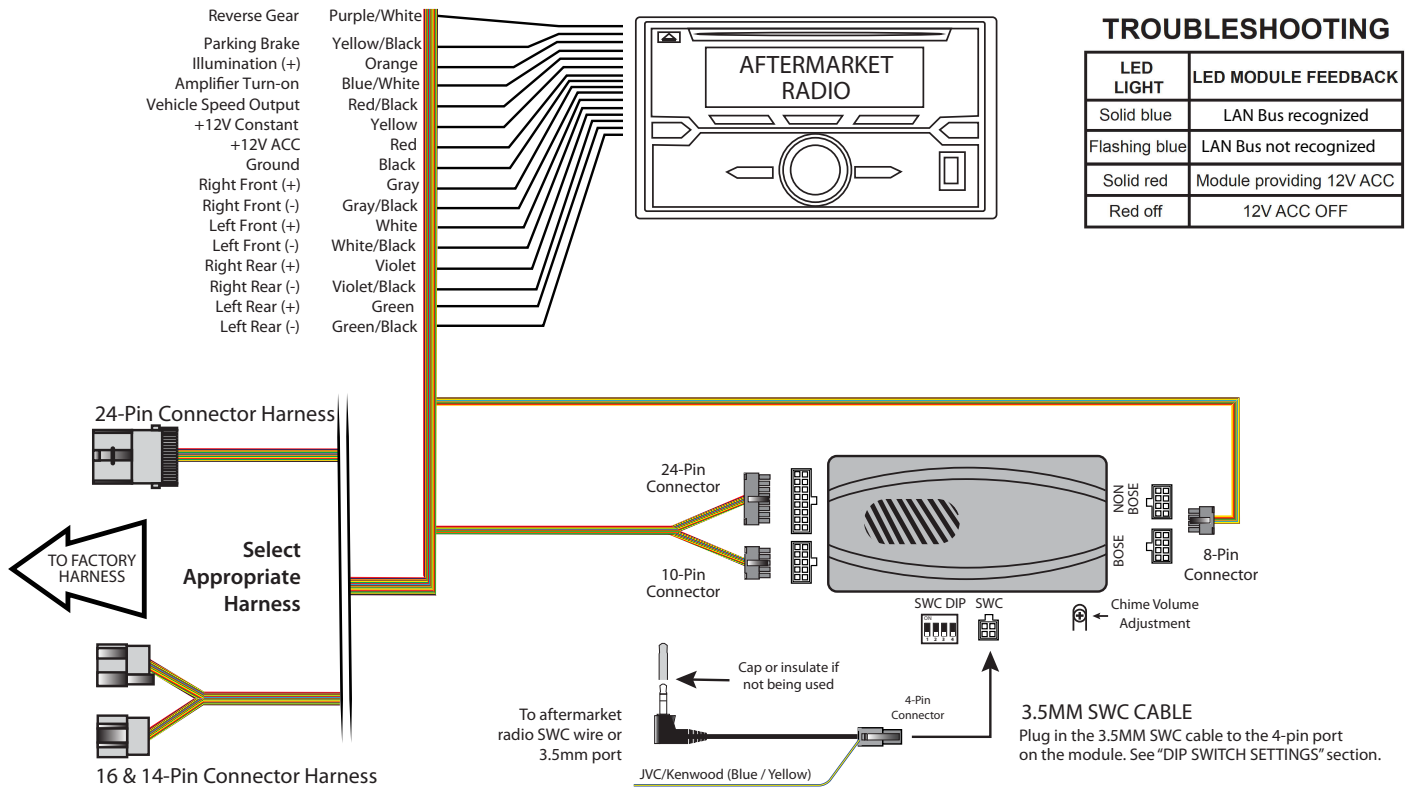


SWC CABLES



ANTENNA ADAPTER

INSTALLATION DIAGRAM:

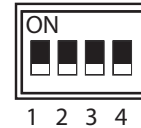


DIP SWITCH SETTINGS:

AFTERMARKET RADIO DIP SWITCH SETTINGS:

RADIO BRAND:	DIP#:	1	2	3	4
Atoto, Dual, Fahrenheit, Jensen,		OFF	OFF	ON	ON
Pioneer, Power Acoustik, Soundstream		OFF	OFF	ON	ON
Blaupunkt, Most off-brand Radio		OFF	OFF	ON	ON
Alpine		OFF	OFF	OFF	OFF
Clarion		OFF	ON	ON	OFF
Kenwood		OFF	ON	ON	ON
JVC		OFF	ON	OFF	ON
Boss, Old Sony		OFF	ON	OFF	OFF
New Sony		OFF	OFF	ON	OFF

SWC MODULE
DIP SWITCH



NOTE: For Atoto, Blaupunkt, Dual, Fahrenheit, Power Acoustik, Soundstream, and most off-brand radios, check the aftermarket radio's manual to see if the SWC buttons need to be programmed.

4-PIN SWC CABLE

Use the proper 3.5MM to 4-Pin SWC cable for the aftermarket radio you are using.

OPTION A is used for ALPINE, CLARION, JVC, and KENWOOD units (Blue/Yellow wire is attached)
OPTION B is used for BLAUPUNKT, BOSS, DUAL, FARENHEIT, JENSEN, POWER ACOUSTIK, PIONEER, SONY, SOUNDSTREAM and Most Off-Brand Radios.

NOTE: Cap or insulate the 3.5mm plug or Blue/Yellow wire if not being used.

Plug the SWC cable to the SOOGM-16B module and the 3.5mm plug to the aftermarket radio SWC port or use the Blue/Yellow wire for JVC and Kenwood radios.

SELECTING THE AUDIO SYSTEM:

If the vehicle is equipped with an amplified audio system, the SOOGM-16B has a built-in audio level adaptor that outputs the proper audio level from the aftermarket radio to the factory amplifier. To use this feature, plug in the male 8-pin connector on the ONST-11B harness to the GRAY female 8-pin connector on the ONST-11B module. The module is also labeled "Bose" and "Non Bose" to avoid confusion. (see picture below)

If the vehicle is NOT equipped with a factory amplified system, plug in the male 8-pin connector to the BLACK female 8-pin on the ONST-11B module.



NON BOSE
(Non-Amplified)
Connection

BOSE
(Amplified)
Connection



CHIME VOLUME ADJUSTMENT:

The SOOGM-16B has a potentiometer to adjust the chime volume. It is set at half way by default. To adjust the volume, simply use a suitable screw driver and turn the potentiometer clockwise to increase the volume and counter-clockwise to decrease the volume.

Chime
Volume
Adjustment



ONSTAR VOLUME ADJUSTMENT:

To adjust the OnStar volume, turn on OnStar and adjust the volume using the Steering Wheel Control volume adjustment. Once it is set, the SOOGM-16 will memorize this level.

VEHICLE APPLICATIONS:

16 and 14 PIN CONNECTORS

CHEVROLET	
2007-2010	Cobalt
2006-2011	HHR
2008-2012	Malibu
PONTIAC	
2007-2009	G5
2010	G6
2006-2009	Solstice
SATURN	
2007-2009	Aura
2007	Ion
2007-2010	Sky

24 PIN CONNECTOR

CHEVROLET	
2005-2006	Cobalt
2004-2007	Malibu
PONTIAC	
2005-2009	G6

Compatible Radios



2009 Pontiac G6



2009 Chevrolet Malibu



2006 Pontiac G6



2005 Chevrolet Malibu

