

PRODUCT FEATURES:

- Retains factory features in select GM LAN Bus vehicles while functioning with an aftermarket radio.
- Retains OnStar functionality.
- Retains all chime functions.
- Retains factory Steering Wheel Controls via built-in, preprogrammed interface.
- Retains RAP (Retained Accessory Power).
- Retains factory backup camera.
- Includes antenna adapter.

PARTS INCLUDED:



SOOGM-19N Module



SOOGM-19N Harness



SWC Cable

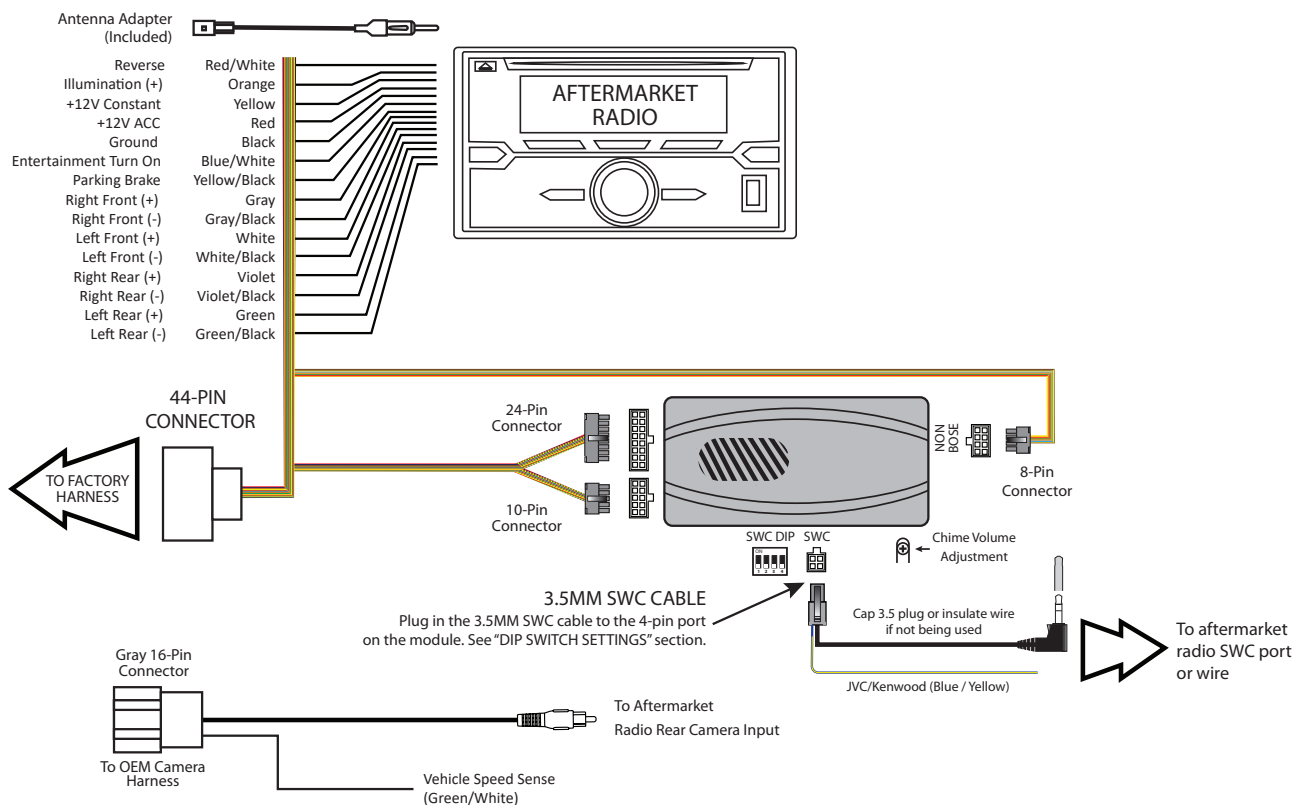


Camera Retention
Harness



Antenna Adapter

INSTALLATION DIAGRAM:



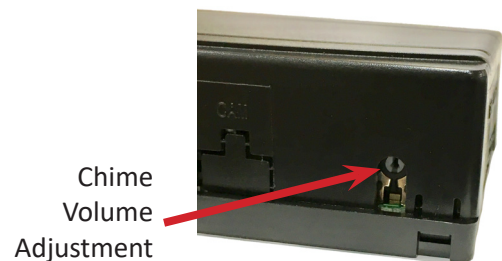
AUDIO CONNECTION:

Plug in the 8-pin Molex connector of the SOOGM-19N harness to the Black, NON BOSE, port of the module.



CHIME VOLUME ADJUSTMENT:

The SOOGM-19N 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.



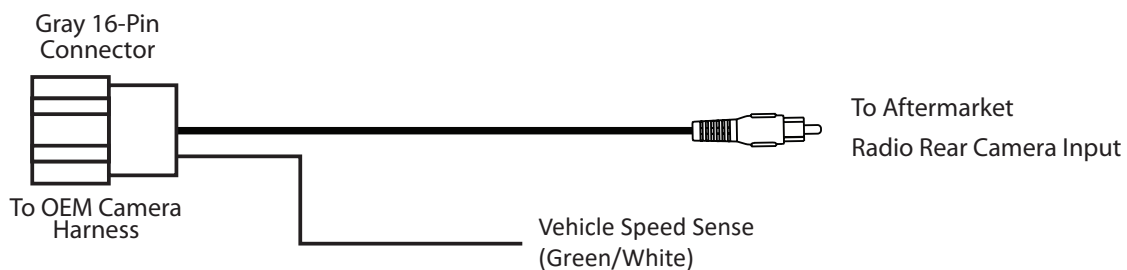
ONSTAR VOLUME ADJUSTMENT:

To adjust the OnStar volume, turn on OnStar and adjust the volume using the SWC volume adjustment. There are 4 steps of volume control. Once it is set, the SOOGM-19N will memorize this level.

BACKUP CAMERA CONNECTION:

You can retain the factory back-up camera by using the OEM camera retention harness included in the kit.

1. Connect the 16-pin back-up camera harness to the vehicle's 16-pin factory backup camera connector.
2. Connect the Yellow video RCA to the new aftermarket radio camera input.
3. Test the video feed before installing the radio back into the dashboard.

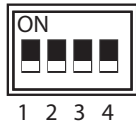


DIP SWITCH SETTINGS:

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.

3.5MM SWC CABLE

Plug in the SWC cable's 4-Pin connector to the SOOGM-19N module and the 3.5mm plug to the aftermarket radio's SWC port. Connect the Blue/Yellow wire to SWC wire if using Kenwood or JVC radios.

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

For aftermarket radios that have wires for SWC connections, cut off the 3.5mm plug on the Crux SWC Cable and connect the SWC wires as follows:



Note that there are some radios that only have SWC1 and SWC2, in this case "shield" does not need to be connected.

VEHICLE APPLICATIONS:

BUICK

2017 Cascada
2015-2016 Encore

CHEVROLET

2011-2015 Cruze
2016 Cruze Classic
2010-2016 Equinox
2013-2015 Malibu*
2016 Malibu Classic*
2012-2015 Sonic
2012-2015 Spark
2016 Spark Classic
2015-2016 Trax
2015 Volt

GMC

2010-2017 Terrain

NOTES:

- Does not retain factory satellite radio.

* Not compatible on Malibu models with navigation radio.

