

PRODUCT FEATURES:

- Retains factory features in select GM Class II vehicles while functioning with an aftermarket radio.
- Pre-programmed to retain factory Steering Wheel Controls.
- Retains OnStar and chime functions.
- Adds Forced front and rear aftermarket camera inputs while in motion using the SOURCE DOWN or AM/FM button on the steering wheel controls on select vehicles.
- Supports Bose, non-Bose and Y-91 audio systems.
- EIA color coded wiring for easy installation.

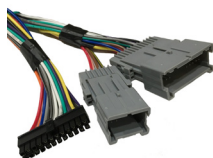
NOTES:

1. The Front and Rear fading are not retained on Y-91 Bose System.
2. Chime includes: seat belt, check engine, key in ignition, low fuel, low oil and lights on.

PARTS INCLUDED:



SOOGM-15V Module



SOOGM-15V Harness



Video Harness



Antenna Adaptor



SWC Cable

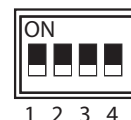
DIP SWITCH SETTINGS:

SETTING THE AFTERMARKET RADIO BRAND

With the key in the off position, set the DIP switches to the corresponding aftermarket radio setting:

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



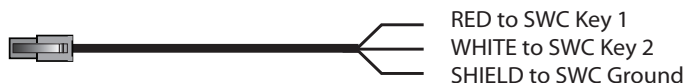
NOTE: For Atoto, Blaupunkt, Dual, Fahrenheit, Power Acoustik, Soundstream, and most off-brand radios, check the aftermarket radio's manual to see if the SWC buttons need to be programmed.

3.5MM SWC CABLE

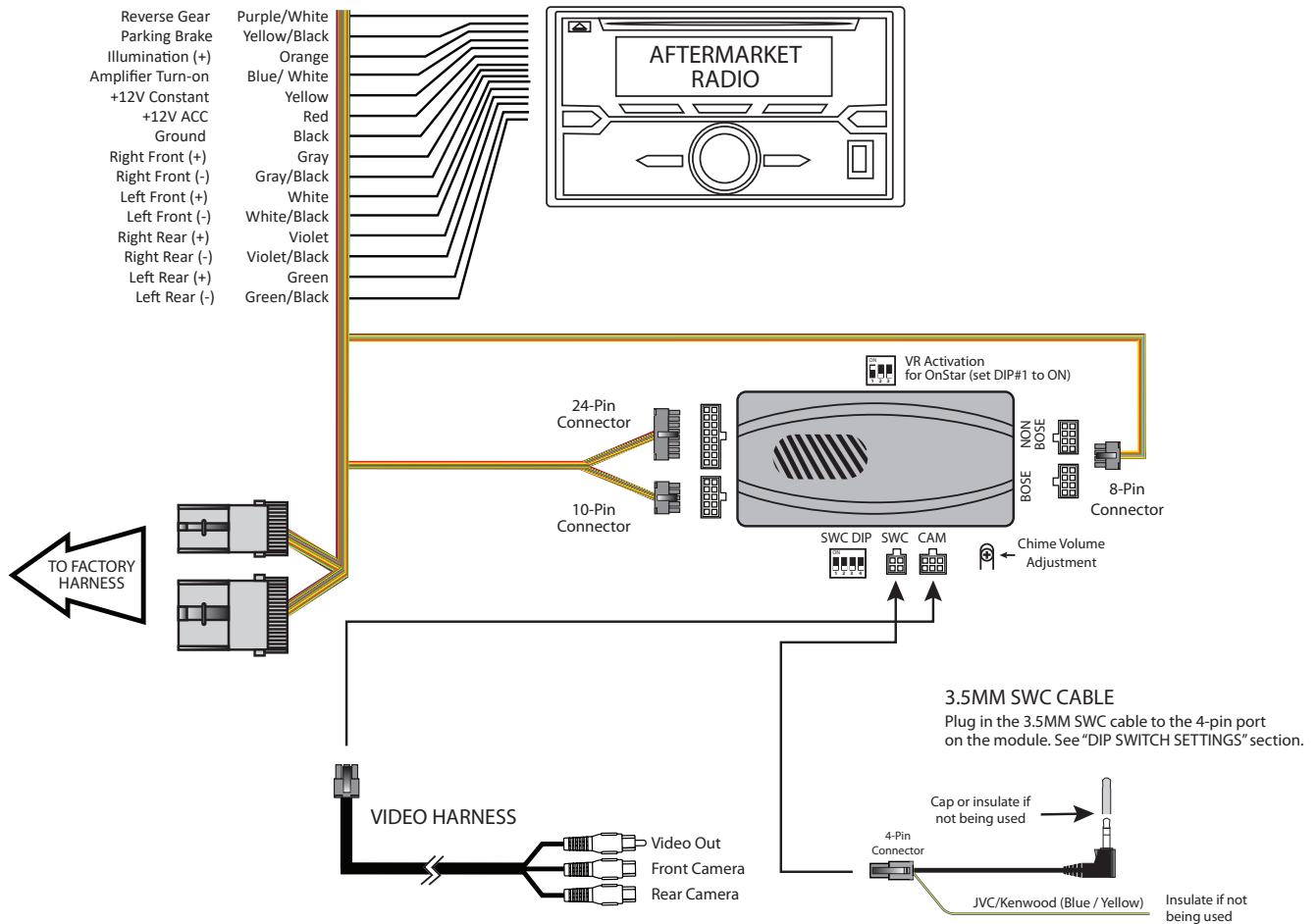
Plug in the SWC cable to the SWC module and the 3.5mm plug to the aftermarket radio SWC port or use the Blue/Yellow wire for JVC and Kenwood.

For aftermarket radios that have wires for SWC connections, cut off the 3.5mm plug on the Crux SWC Cable (option B) 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.



INSTALLATION DIAGRAM:



SELECTING THE AUDIO SYSTEM:

If the vehicle is equipped with a Bose system, the SOOGM-15V has a built-in Bose adaptor that allows the proper audio input gain from the aftermarket radio to the Bose amplifier. To use this feature, plug in the male 8-pin connector on the harness to the GRAY female 8-pin connector on the SOOGM-15V module. The module is also labeled "Bose" and "Non Bose" to avoid confusion. (see picture below)

If the vehicle is NOT equipped with a Bose system, plug in the male 8-pin connector to the BLACK female 8-pin on the SOOGM-15V module.



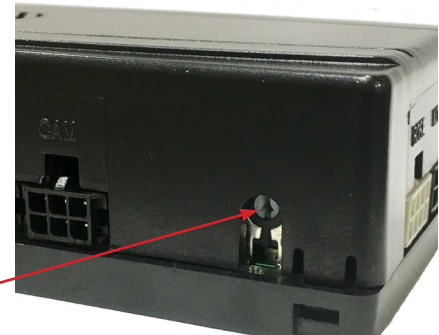
Bose Connection **Non Bose Connection**



CHIME VOLUME ADJUSTMENT:

The SOOGM-15V 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-15V will memorize this level.

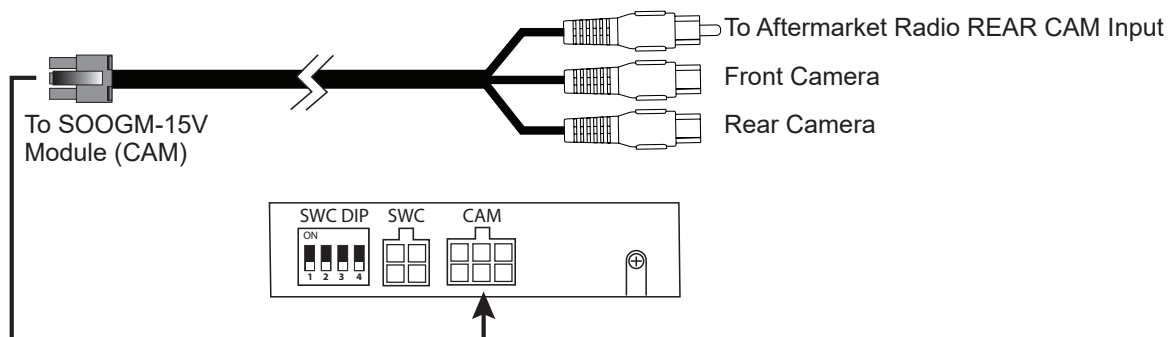
CAMERA CONNECTION:

The SOOGM-15V has 2 video inputs for front and rear cameras. To turn on the front camera input, set DIP #3 to ON. The 3 position DIP switch is on the opposite side of the SOOGM-15V module where SWC and CAM connections are found.



- DIP 1: ON = OnStar Activation on SWC
OFF = Aftermarket Radio VR Function*
- DIP 2: ON = Front Camera ON
- DIP 3: No Function

*NOTE: If DIP 1 is set to OFF, use the OnStar button on the rear view mirror to activate OnStar.



FORCED CAMERA FEATURE:

The SOOGM-15V can force the aftermarket radio to show the front1 video camera on select GM trucks and SUV's at any time while driving. To force the front camera while driving do the following...

1. To force the Front camera mode, press and hold the SOURCE DOWN or AM/FM button on the steering wheel controls until the video shows on the aftermarket radio screen.
2. To turn Off forced camera mode, press and hold the SOURCE DOWN or AM/FM button on the steering wheel controls. The radio will revert to the original source screen.
3. The reverse camera has priority over the front camera when driving the vehicle in reverse.

¹ (Requires installation of aftermarket camera)

STEERING WHEEL CONTROL BUTTON FUNCTIONS:

		Aftermarket Radio Command
8 Button	4 Button	Analog
Short Press		
PRESET/PROG VOLUME_DOWN VOLUME_UP SEEK_UP SEEK_DOWN SOURCE_UP SOURCE_DOWN VOICE (not used)	PROG VOLUME_DOWN VOLUME_UP AM/FM	Mute Volume Down Volume Up Track up/Seek Up Track dn/Seek dn Source Preset up Source
Long Press		
PRESET/PROG VOLUME_DOWN VOLUME_UP SEEK_UP SEEK_DOWN SOURCE_UP SOURCE_DOWN VOICE (not used)	PROG VOLUME_DOWN VOLUME_UP AM/FM	VR Volume Down Continuous Volume Up Continuous Answer Call* End Call* Source Forced Camera Input Forced Camera Input



Long press of SOURCE DOWN
for forced camera option
8 Button SWC

VEHICLE APPLICATIONS:

BUICK		CHEVROLET		GMC		OLDSMOBILE	
2004-2005	Century	2003-2006	Avalanche	2004-2011	Canyon	2001-2004	Alero
2005-2007	LaCrosse	2000-2005	Cavalier	2002-2009	Envoy	2002-2004	Bravada
2004-2007	Rainier	2004-2011	Colorado	2003-2007	Savana	2000-2004	Silhouette
2003-2005	Rendezvous	2006-2013	Corvette	2003-2006	Sierra	PONTIAC	Aztec
2005-2007	Terraza	2004-2007	Express	2007	Sierra Classic		
CADILLAC	Escalade	2000-2005	Impala	2003-2006	Yukon		
		2001-2003	Malibu	HUMMER	H2	2001-2005	Grand Am
		2000-2005	Monte Carlo			2004-2008	Grand Prix
		2003-2004	S-10			2000-2006	Montana
		2003-2006	Silverado	2005-2010	H3	2000-2005	Sunfire
		2007	Silverado Classic	ISUZU	Ascender	SAAB	9-7X
		2003-2006	SSR			2005-2008	
		2003-2006	Suburban	SATURN		Relay	
		2003-2006	Tahoe				
		2002-2009	Trailblazer				
		2005-2008	Uplander				
		2003-2005	Venture				

