

PRODUCT FEATURES:

- Adds front and rear aftermarket camera inputs.
- Retains functionality of the OEM backup camera if present.
- Front camera automatically shows on the screen after changing the gear from reverse to drive.
- Forced view function for front camera or aftermarket backup camera.

PARTS INCLUDED:



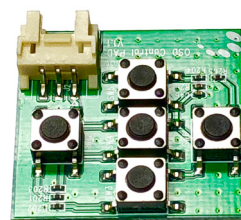
RVCGM-80F Module



RVCGM-80F Power Harness



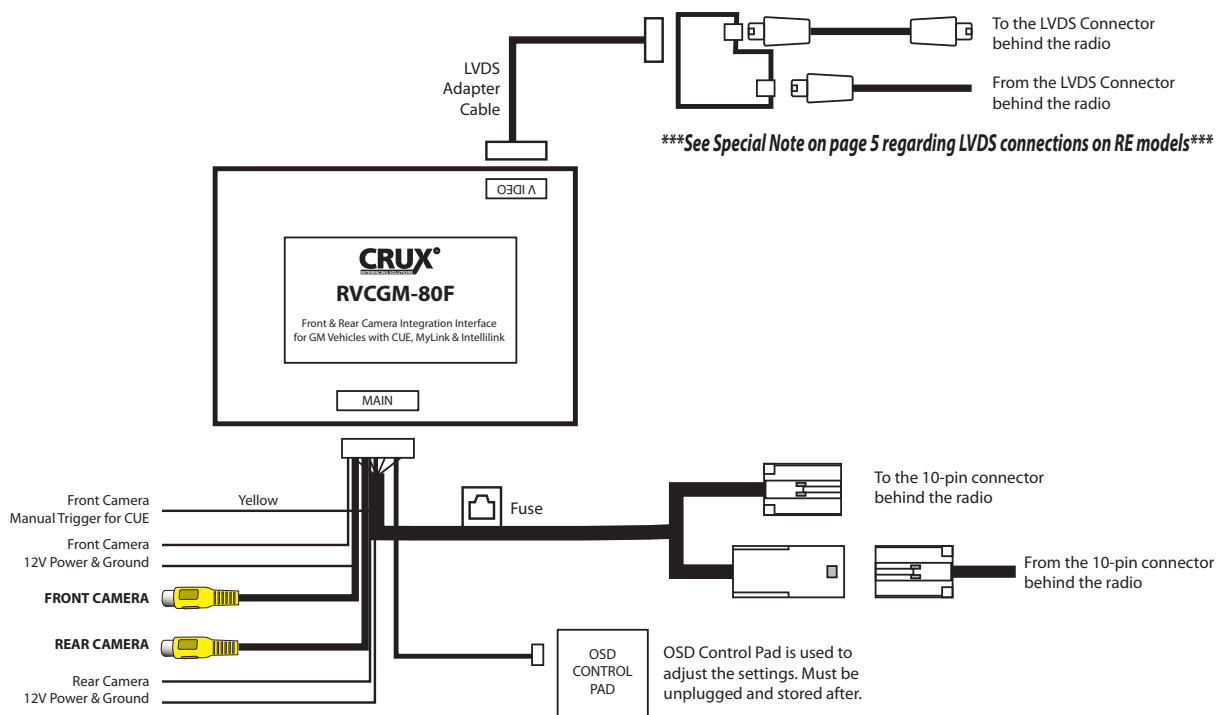
LVDS Adapter Cable



OSD Control Pad



WIRING DIAGRAM:



DIP SWITCH SETTINGS:



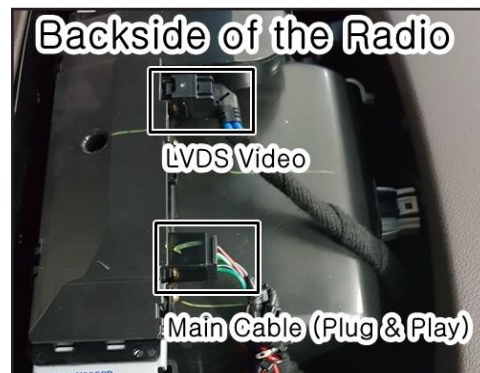
Note: ON is down and OFF is up

DIP	SETTING	VEHICLE
1 to 8	ALL OFF	Malibu and Volt
1	ON	Corvette C7
2	ON	Escalade, CTS-V
3	OFF	None (leave OFF)
4	ON	Cruze (with 8" screen)
5	ON	Cadillac XT5
6	ON	Impala, Suburban, Tahoe, Yukon, Sierra, Acadia, Silverado, Yukon (with RSE)
7	ON	Suburban (with RSE), Tahoe (with RSE)
1 & 5	ON	Colorado
2 & 5	ON	Escalade, CTS, CTS-V (with no OEM front camera)

RSE = Rear Seat Entertainment

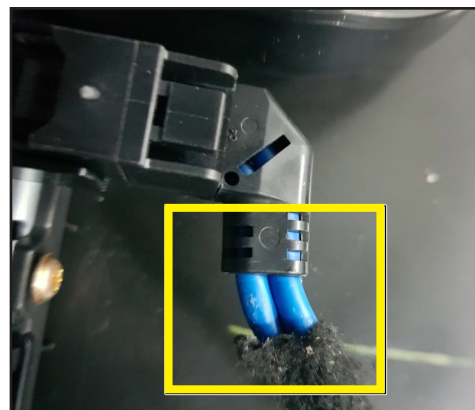


Plug and play connections on most applications. See wiring diagram on page 2.

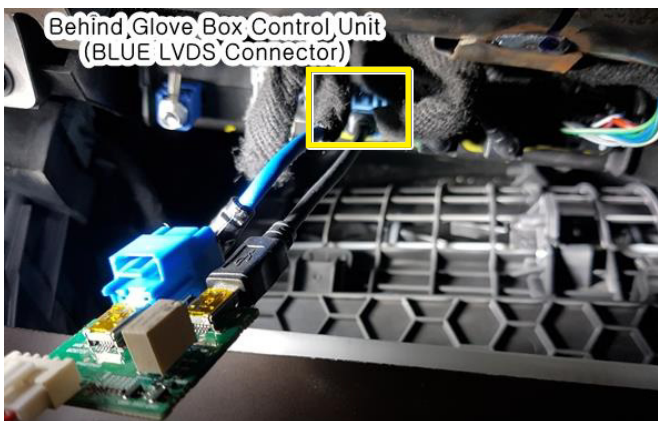


Suburban, Tahoe, Yukon with RSE wiring connections:

Suburban, Tahoe, Yukon models with Rear Seat Entertainment Systems have 2 LVDS cables on the back of the radio.



On RE models, the power harness is plugged in behind the headunit but the LVDS cable is plugged in at the HMI module (usually found behind the glove box).

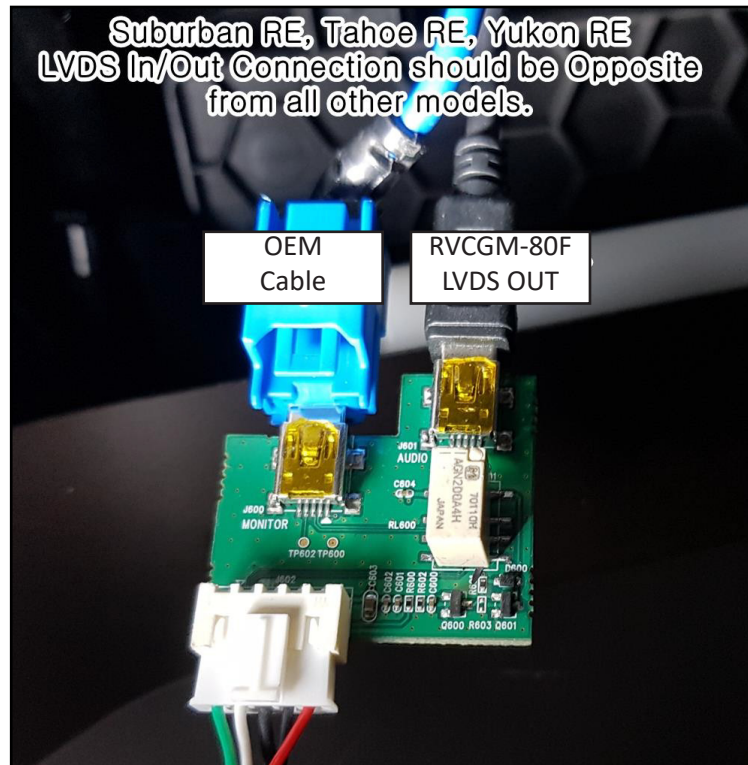


Connection is made on the blue LVDS connector on the HMI module.



SPECIAL NOTE:

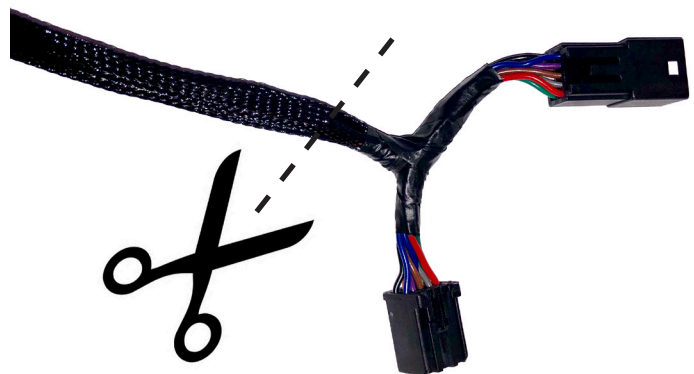
On Impala and Suburban, Tahoe, Yukon models with Rear Seat Entertainment Systems, the LVDS cable connection on the RVCGM-80F LVDS adapter board is the opposite of the standard connection. Please take note of this when plugging in the LVDS connectors. See image below.



Escalade and Corvette C7 Wiring Connections:

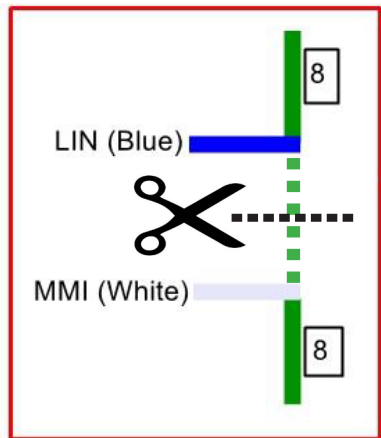
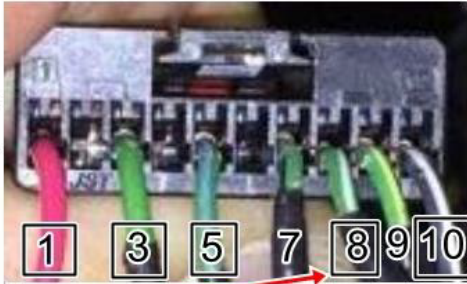
For Cadillac and Corvette installations, you must cut the RVCGM-80F 10 pin connectors and hardwire it to the OEM connector wires.

RVCGM-80F POWER HARNESS	
White	LIN Bus
Blue/White	MMI
Brown/White	CAN
Red	+12V Constant
Black	Ground



Corvette C7 Wiring Connections:

Behind Head Unit

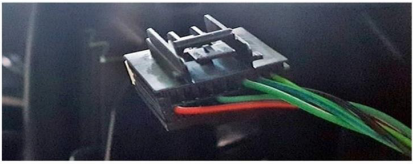
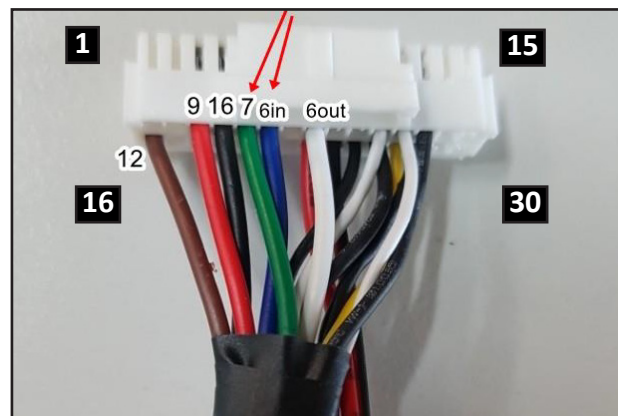
1. B+ Power -> Connect to VCC (RED) Wire
3. CAN -> Connect to CAN High (Brown/white) Wire
8. LIN -> Connect to MMI (Blue) and LIN White) Wire
10. Ground (Earth) -> Connect to GND Black Wire

Cadillac Escalade & CTS-V Wiring Connections:

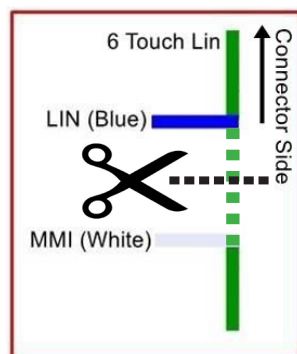
OEM Cadillac Connector

1	2	3	4	5	6	7	8
					LIN	LIN	LIN
9	10	11	12	13	14	15	16
VCC			CAN				GND

6	lin touch
7	lin button
8	lin button
9	VCC
12	CAN B HIGH
16	GND

RVCGM-81F Power Harness 30-pin connector



OEM CCONNECTOR	RVCGM-80F POWER HARNESS
Pin 6 LIN Touch	Pin 6
Pin 7 LIN Button (MMI)	Pin 8
Pin 9 +12V Constant	Pin 3
Pin 12 CAN B High	Pin 16
Pin 16 Ground	Pin 4



FORCE VIEWING THE FRONT CAMERA:

For MyLink IO5/IO6 radios:



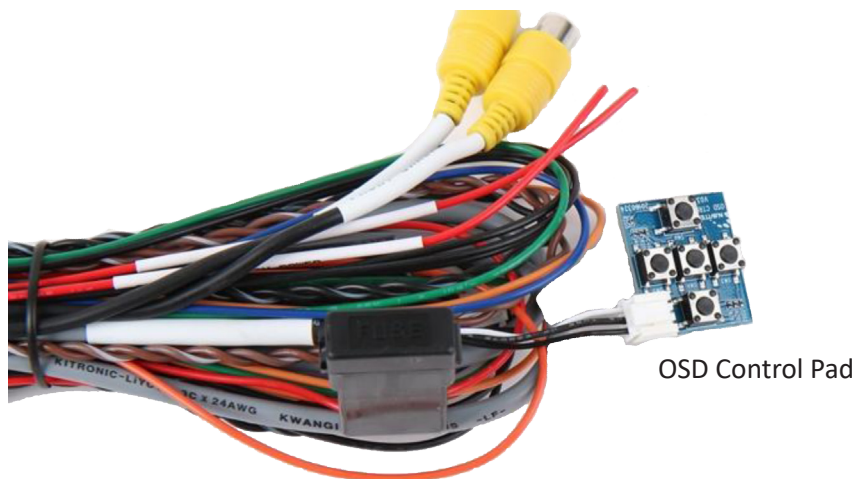
Press for 2 seconds = Force view front camera
Press once = Back to OEM screen

For Cadillac CUE radios:

For the CUE radios, you need to connect the yellow wire (Front Camera Manual Trigger) on the RVCGM-80F power harness to +12V in order to force view the front camera on the screen. Use a toggle switch (not included) to enable/disable the front camera forced view feature.

ON SCREEN DISPLAY (OSD) SETTINGS:

The OSD Setting Screen automatically pops up when the OSD Control Pad is connected.

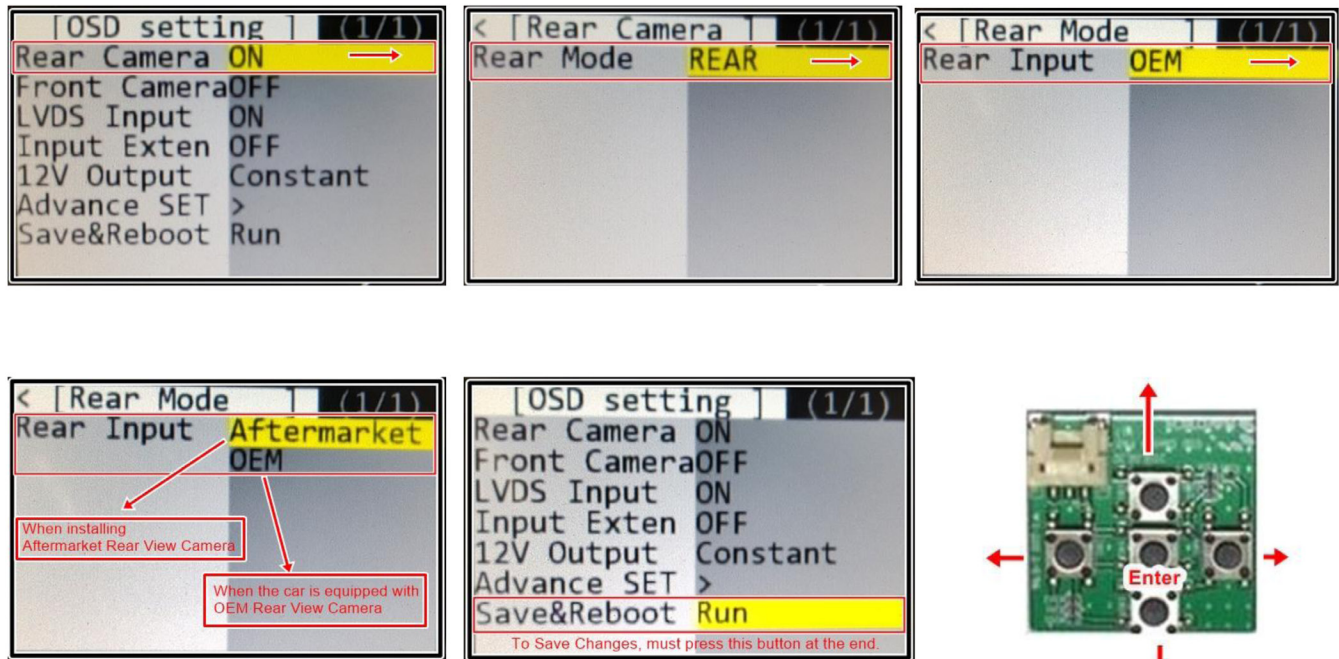


OSD Control Pad

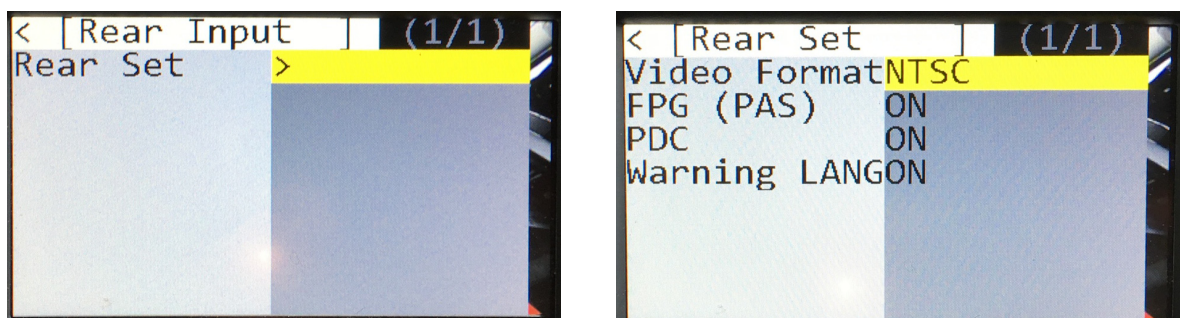


Use the OSD menu to make the necessary settings. Remember to Run **Save&Reboot** after the settings are made. Unplug the OSD Control Pad after setting the cameras and keep it in a secure location in case it is needed to change the settings.

REAR AND FRONT CAMERA SETTING



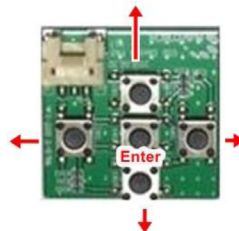
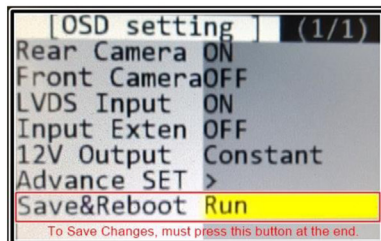
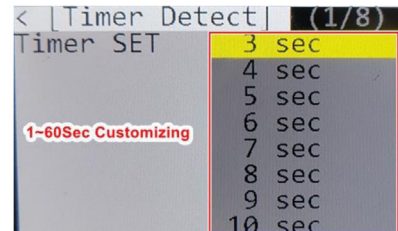
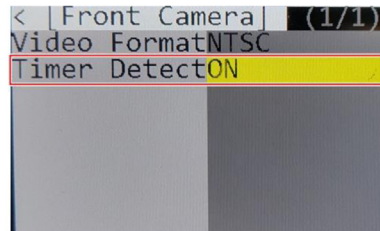
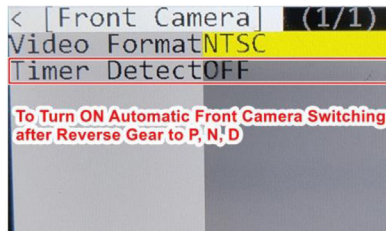
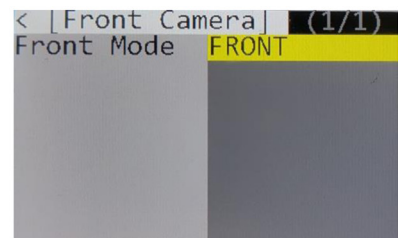
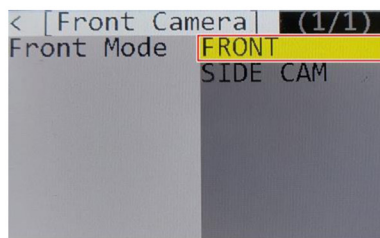
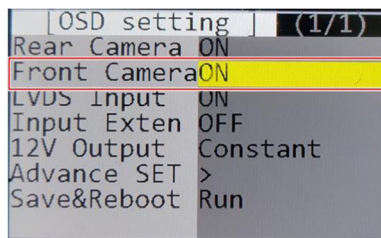
Dynamic Parking Guide Lines



To turn ON the Dynamic Parking Guide Lines, go the Rear Input > Rear Set and turn ON Warning LANG. Go back to the root menu and Run Save&Reboot. Remember to unplug the OSD Control Pad otherwise the unit will not function properly. Set the parking brake on, start the car, put the gear in reverse, turn the steering wheel all the way to the left and all the way to right then put it in the center. The RVCGM-80F will calibrate automatically.



FRONT CAMERA SETTING



The front Camera will automatically show on the screen when the gear is put to Drive from Reverse. Set the delay time on the OSD menu. Delay time can be set from 1 to 60 seconds after a putting the car to drive from reverse.

VEHICLE APPLICATIONS:

Compatible with 8" CUE, MyLink IO5/IO6, IntelliLink Systems.

BUICK

2014 - 2018 LaCrosse

CADILLAC

2013 - 2018 ATS
 2014 - 2018 CTS, CTS Coupe, CTS-V
 2015 - 2018 Escalade
 2013 - 2018 SRX
 2014 - 2018 XTS
 2016 - 2018 XT5

GMC

2017 - 2018 Acadia
 2015 - 2018 Canyon
 2014 - 2018 Sierra
 2014 - 2018 Yukon

CHEVROLET

2014 - 2018 Avalanche
 2013 - 2017 Colorado
 2015 - 2018 Corvette C7
 2014 - 2017 Cruze
 2015 - 2018 Malibu
 2016 - 2018 Impala
 2014 - 2018 Silverado
 2014 - 2018 Suburban
 2015 - 2018 Tahoe
 2015 - 2018 Volt



8" Screen

