

**PRODUCT FEATURES:**

- Adds a front and rear camera input plus 1 extra video input for another camera or video source\*.
- Uses a factory steering wheel control button to force view the aftermarket cameras and/or video source.
- Ability to toggle from back-up camera to the extra video input while in reverse gear. Perfect for adding a cargo or trailer camera.
- Plug and play installation.

\*Factory Audio Aux Input is required if video input will be used for AV sources.

**NOTE:**

*If your vehicle is not equipped with a factory backup camera, you will need to have the radio coded for a backup camera at the dealership before using the VRFGM-80J.*

**PARTS INCLUDED:**



VRFGM-80J Module



VRFGM-80J Harness

**OPTIONAL ADD-ON CAMERAS:**

Optional add on cameras are available for the VRFGM-80J. Cameras available and ***sold separately***. Please visit [www.cruxinterfacing.com](http://www.cruxinterfacing.com) for a complete list of cameras available for your vehicle. Below are some sample cameras that can be used :



CFF-01 Bullet Type Front Camera



CFF-02 Square Body Front Camera



CFF-03 Grille Mount Front Camera



CGM-03 Cargo Camera



CUL-16 Lip Mount Rear Camera

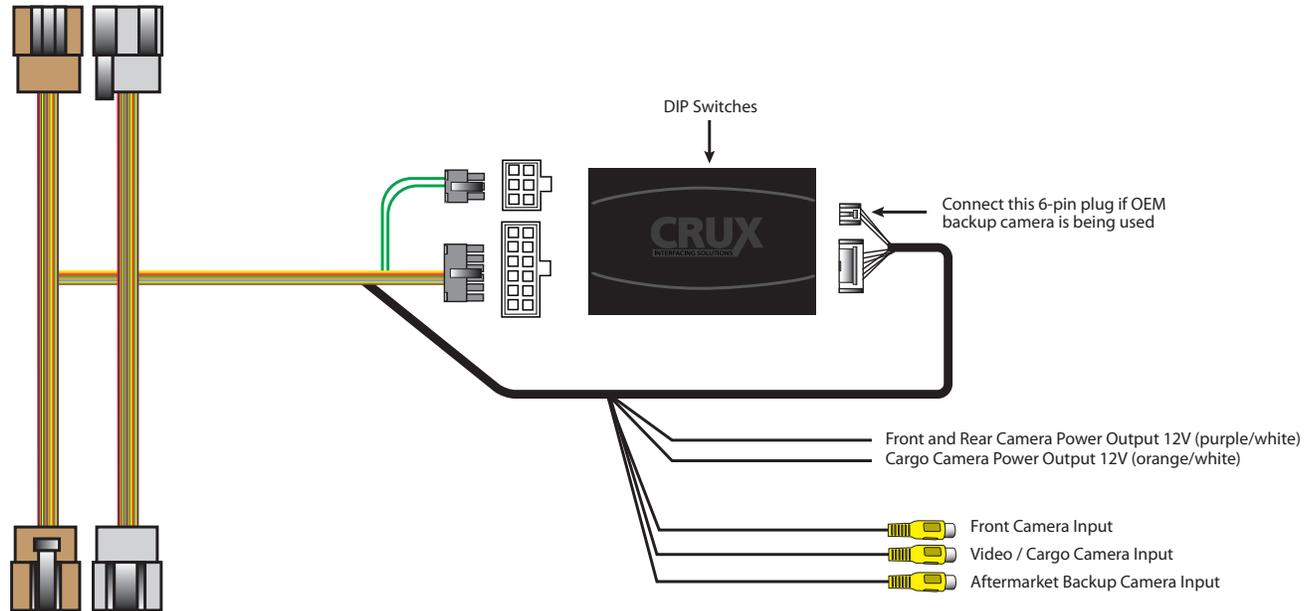


CGM-02S Tailgate Handle Camera



**INSTALLATION DIAGRAM:**

To Vehicle Harness



**DIP SWITCH SETTINGS:**

DIP#	ON	OFF
1	No Function – Leave OFF	
2	Front Camera ON	Front Camera OFF
3	No Function – Leave OFF	
4	No Function – Leave OFF	
5	Video Input / Cargo Camera ON	Video Input/Cargo Camera OFF
6	No Function – Leave OFF	
7	No Function – Leave OFF	
8	Set to ON	

**FORCED VIEW CAMERA SEQUENCE:**

Using OEM backup Camera

FRONT → VIDEO INPUT/CARGO CAMERA

Using Aftermarket backup Camera

FRONT → BACKUP → VIDEO INPUT/CARGO CAMERA



**INSTALLATION INSTRUCTIONS:**



1. Carefully remove the trim around the radio using plastic pry tools.



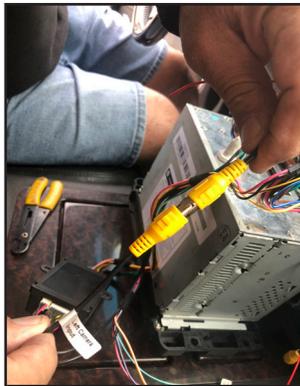
2. Remove the 4 screws holding the radio.



3. Unplug the Black and Brown connectors and mate them to the VRFGM-80J T-harness.



4. Mount the cameras to be used and run the cables to the radio.



5. Plug the camera RCAs to the corresponding RCA inputs on the T-harness.



6. Connect the camera power wires to the corresponding camera power wires on the T-harness. Apply tape to each connection.

7. Prior to reinstalling the radio, test each camera connected for functionality. See next page for Operation Instructions.



CFF-03 Grille Mount Front Camera



**OPERATION:**



1. Whether an aftermarket or OEM backup camera is used, putting the gear in reverse will automatically show the backup camera image on the screen.



2. Putting the gear to drive after the reverse process turns on the front camera for 7 seconds.



3. To force view the cameras installed (except the OEM backup camera), press and hold the SRCE button for 3 seconds to turn on this feature, a quick press of the same button will then toggle to the other cameras.

**NOTE1:**

*To toggle between backup camera and the extra video input (i.e. cargo camera) while in reverse gear, press and hold the SRCE button for 2-3 seconds to enter this mode, a quick press of the same button will then toggle to the cargo camera.*



Cargo camera view.





4. Once all the functionality has been verified to work, reinstall the radio and trim.

**NOTE 2:**

*Forced view of the backup camera is only available if using an aftermarket backup camera.*

**VEHICLE APPLICATIONS:**

**BUICK**

2008-2015 Enclave  
 2006-2011 Lucerne

**CADILLAC**

2006-2009 DTS  
 2007-2014 Escalade  
 2007-2009 SRX

**CHEVROLET**

2007-2013 Avalanche  
 2007-2008 Equinox  
 2008-2013 Express Van  
 2006-2013 Impala / Impala SS  
 2006-2007 Monte Carlo  
 2007-2013 Silverado 1500-3500  
 2007-2014 Suburban  
 2007-2014 Tahoe  
 2009-2015 Traverse

**GMC**

2007-2015 Acadia  
 2008-2013 Savana  
 2007-2013 Sierra 1500-3500  
 2007-2014 Yukon

**HUMMER**

2008-2009 H2

**PONTIAC**

2007-2009 Torrent

**SATURN**

2007-2010 Outlook  
 2008-2009 Vue

**SUZUKI**

2007-2008 XL7

