

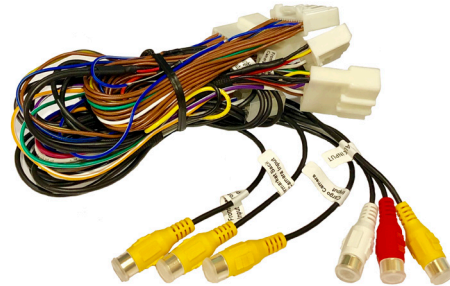
PRODUCT FEATURES:

- Adds front and rear view camera inputs, plus 1 extra video input.
- Adds an additional audio/video input.
- Uses the steering wheel control buttons to toggle between the sources.
- Retains factory backup camera if present.

PARTS INCLUDED:



VRFTY-71E Module



VRFTY-71E Harness

OPTIONAL ADD-ON CAMERAS:

Optional aftermarket add on cameras are available for the VRFTY-71E. Cameras available and ***sold separately*** include: (More cameras can be found at www.cruxinterfacing.com)



CTY-01T Tacoma/Tundra Tailgate Handle Camera



CTY-02T Tacoma Tailgate Handle Camera (2006-2015)



CFF-01 Bullet Type Front Camera
(Recommended)



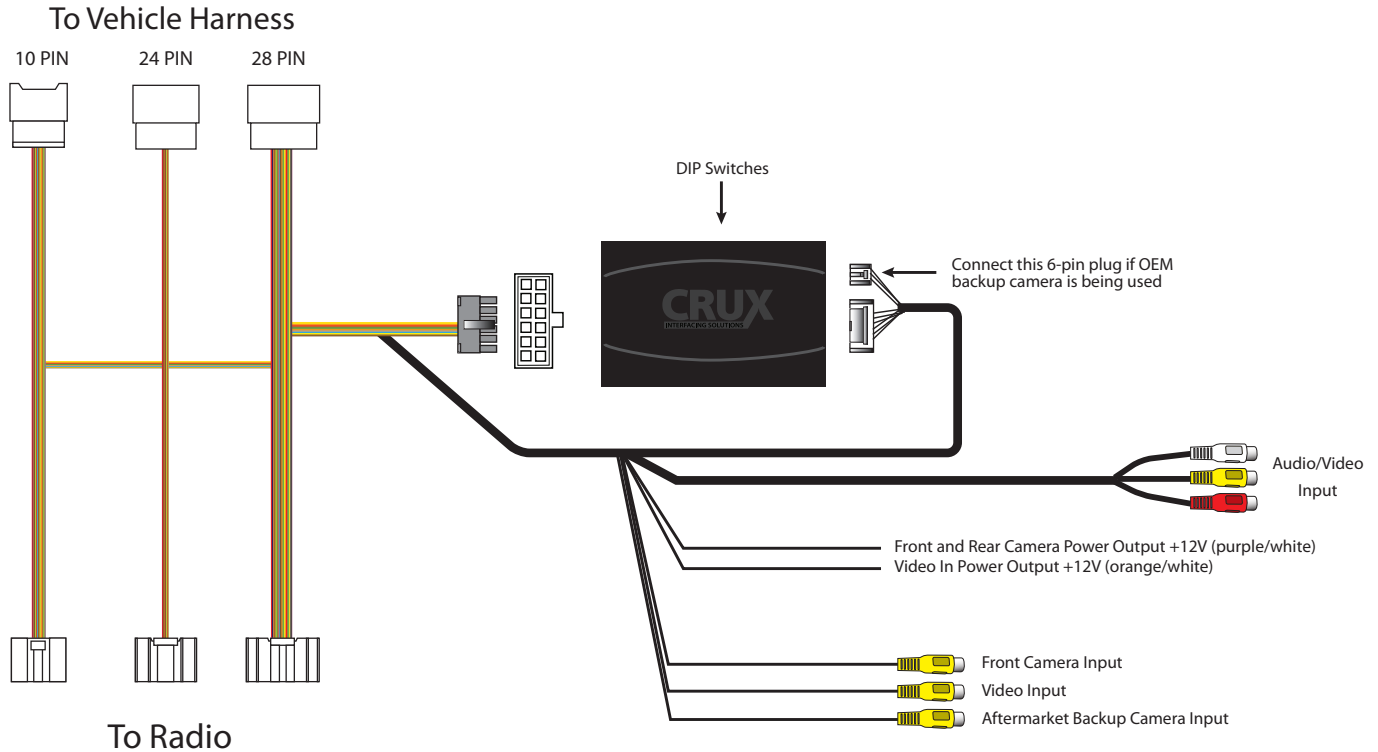
CFF-02 Square Body Front Camera



CUL-04 Lip Mount Backup Camera



INSTALLATION DIAGRAM:

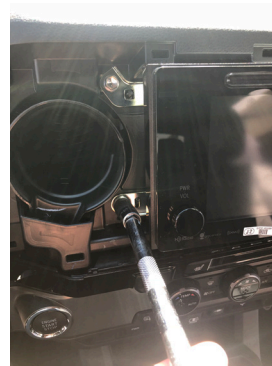


DIP SWITCH SETTINGS:

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

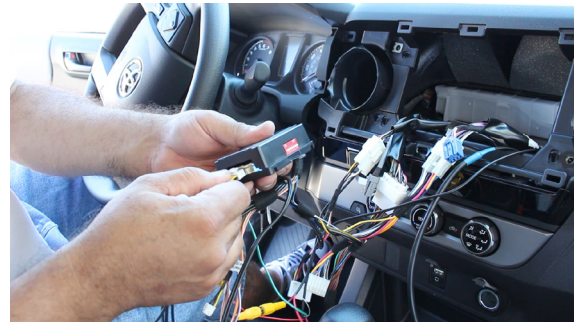


VRFTY-71E module installation on a Toyota Tacoma:



1. Carefully pull out the radio trim bezel. The trim bezel is attached to the dashboard by these clips.

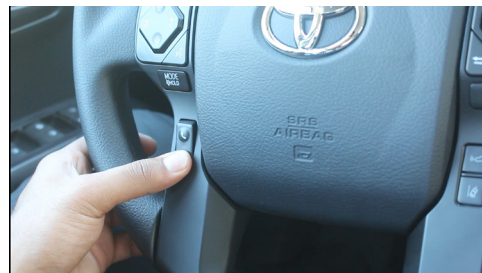
2. Remove the 4 screws holding the radio and unplug the connectors. Set the radio to the side.



3. Install the front and back up cameras and the extra video source (if applicable), and run the video wires towards the radio.

4. Make the video RCA connections at the VRFTY-71E harness. See diagram on page 2 for the camera power connections.

OPERATION:



1. Press and hold the HANG UP button for 3 seconds to turn on forced camera view mode. Each press of the button thereafter toggles which ever cameras are turned on using the DIP switches. It will also toggle to AV mode. (**Forced view of the backup camera is only available if using an aftermarket backup camera.**) While in reverse gear, press and hold the HANG UP button to toggle between reverse, and the extra video input.



OPERATION:



2. The front camera (if installed) will automatically show on the screen for 10 seconds when the gear is put to Drive from Reverse.

3. Go to AUX IN mode on the radio to hear audio when using the AV Input. Image shown using Crux part# VCIP5, HDMI to CVBS adapter. (sold separately)

FORCED VIEW CAMERA SEQUENCE:

Using OEM backup Camera

FRONT → VIDEO INPUT → AV INPUT

Using Aftermarket backup Camera

FRONT → BACKUP → VIDEO INPUT → AV INPUT

VEHICLE APPLICATIONS:

TOYOTA

- 2015 - 2019 Highlander / Hybrid
- 2012 - 2017 Sequoia
- 2015 - 2017 Sienna
- 2016 - 2018 Tacoma
- 2016 - 2018 Tundra

