

## PRODUCT FEATURES:

- Retains factory features in select Honda vehicles while functioning with an aftermarket radio.
- Pre-programmed to retain factory Steering Wheel Controls.
- Provides navigational outputs: Reverse, Illumination, Parking Brake, Vehicle Speed Sense & Lanewatch Camera Outputs.
- Retains factory Multi-Angle Rear View Camera & Lanewatch Camera, & Auxiliary Input.
- Includes antenna adapter & USB retention cable.

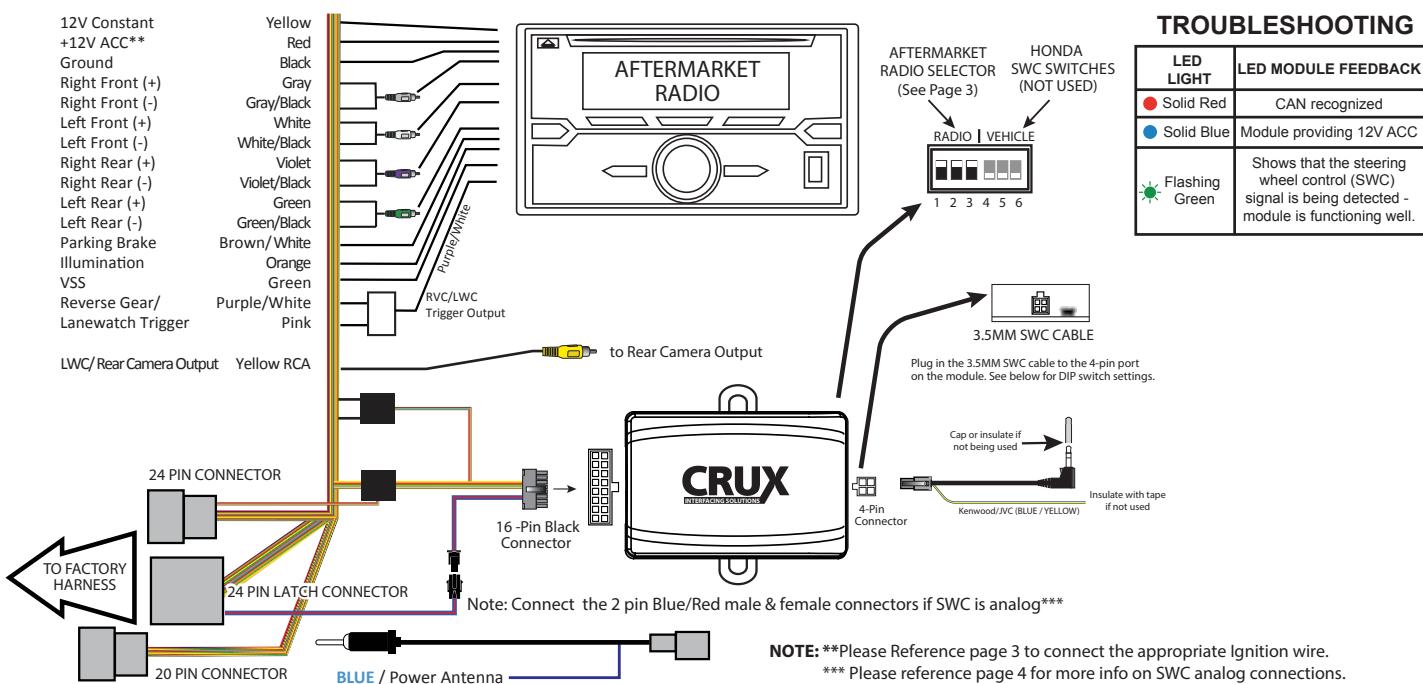
## NOTES:

1. Supports both Amplified & Non-amplified vehicles.
2. Does not retain Rear Seat Entertainment system (RSE).
3. Includes Crux Video Switcher to Lanewatch and rear view camera retention.
3. If vehicle does not have Lanewatch camera interface can still be used.

## PARTS INCLUDED:



## INSTALLATION DIAGRAM FOR AMPLIFIED VEHICLES WITH LANE WATCH CAMERA:

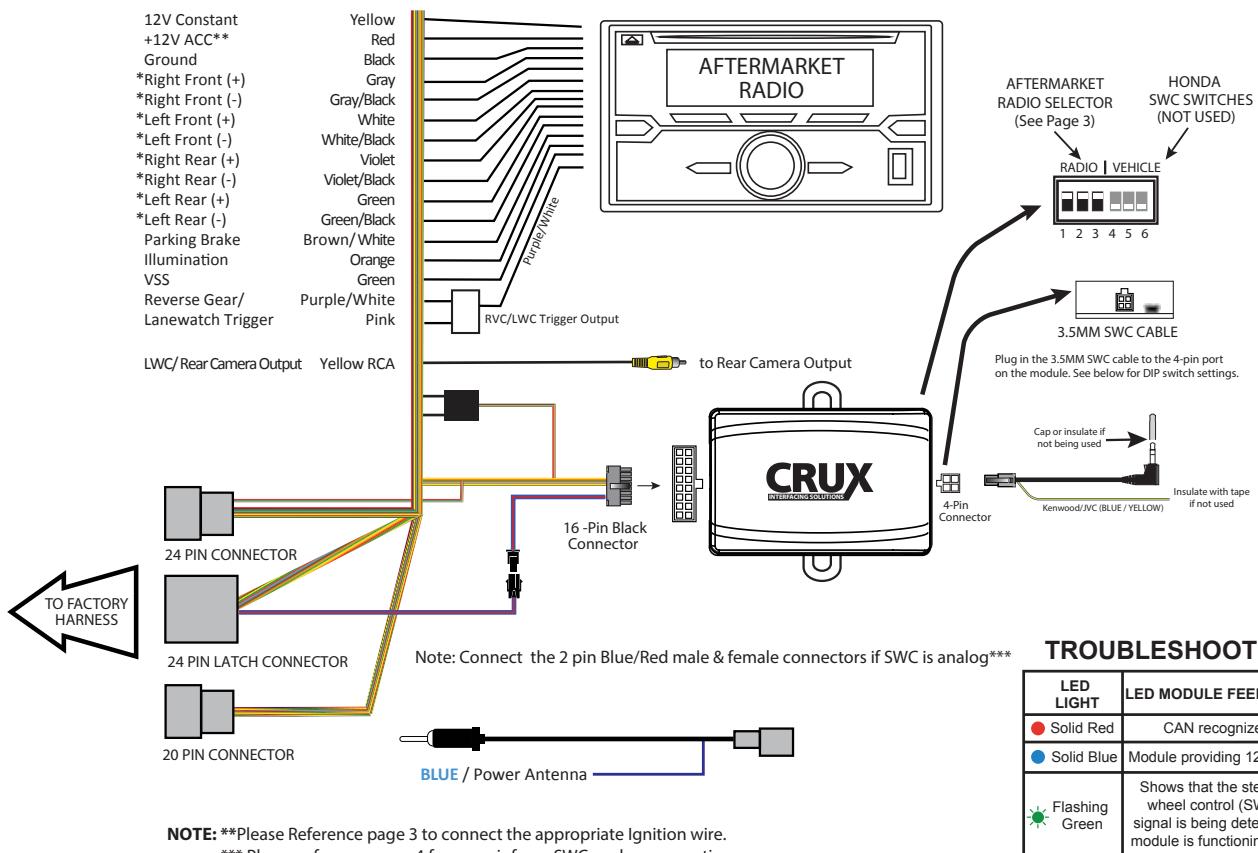


\*Connect the white subwoofer RCA jack to the subwoofer output on the aftermarket radio.

Note: If the aftermarket radio has limited RCA outputs, a 1 male to 2 female (1M2F) RCA splitter may be required.



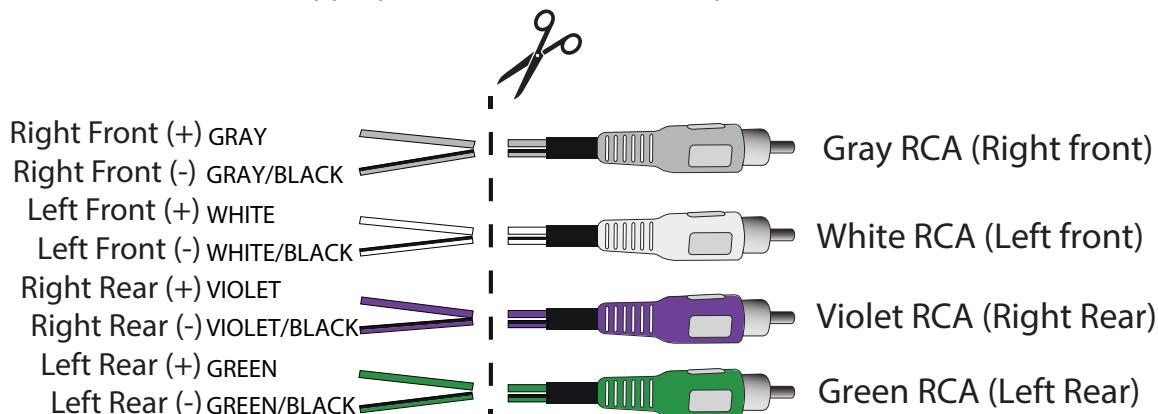
## INSTALLATION DIAGRAM FOR NON-AMPLIFIED VEHICLES WITH LANE WATCH CAMERA:



## TROUBLESHOOTING

LED LIGHT	LED MODULE FEEDBACK
● Solid Red	CAN recognized
● Solid Blue	Module providing 12V ACC
● Flashing Green	Shows that the steering wheel control (SWC) signal is being detected - module is functioning well.

\* For Non-Amplified systems please cut RCA , and mate colored wires to the appropriate aftermarket radio speaker wires



## ALTERNATIVE ACCESSORY POWER TROUBLE SHOOTING:

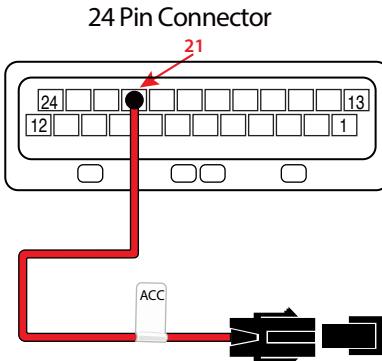
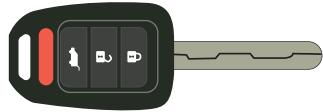
**Note:** If you are experiencing issues with accessory power from the module, connect the provided alternative power wire to the CRUX connector and then to the aftermarket radio



## HARNESS VIEW

### For Vehicles with STANDARD KEY

If your vehicle uses a regular key, connect the red accessory wire using the 2-pin female Molex connector to the matching 2-pin male Molex connector as shown in the diagram, then connect the wire to the aftermarket radio.

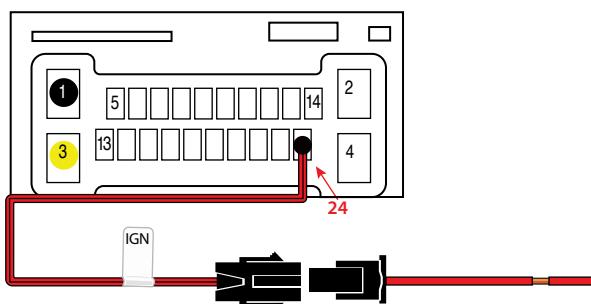


### For Vehicles with PUSH START ignition

If your vehicle has a push-start button, connect the red/black Ignition ACC wire using the 2-pin female Molex connector to the matching 2-pin male Molex connector as shown in the diagram, then connect the wire to the aftermarket radio.



24 Pin Latch Connector

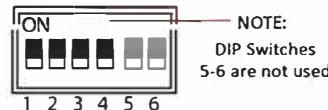


## DIP SWITCH SETTINGS:

### AFTERMARKET RADIO DIP SWITCH SETTINGS:

RADIO BRAND:	DIP:	1	2	3	4
Atoto, Dual, Farenheit, Jensen, Pioneer	OFF	OFF	ON	ON	
Power Acoustik, Soundstream	OFF	OFF	ON	ON	
Blaupunkt, Most off-brand Radios	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 Learning Radios*	ON	OFF	OFF	ON	

SWC MODULE  
DIP SWITCH



### SWC Troubleshoot option



Located internally  
Need to take plastic  
Casing off module

- If Steering Wheel Controls don't work or work properly please switch internal dip switch from 3v3 to 5v as shown in picture above.

### TROUBLE SHOOTING FOR SWC LEARNING RADIOS



NOTE: Cap or insulate the 3.5mm plug or 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.

## HOW TO DETERMINE IF THE VEHICLE HAS ANALOG SWC:

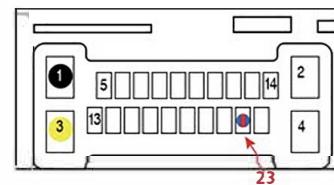
Analog Steering Wheel Control (SWC) signal vehicles will have wires populated and line up to the Blue/Red wire on the 24-Pin Crux connector. If this is applies for your vehicle, Connect the 2 pin Blue/Red male & female connectors.

**Example:** 2016 HR-V w/ Display Audio Type 7in and Audio-NAV.

## VEHICLE APPLICATIONS:

2012-2015	CIVIC HF/LX/EX/EX-L
2012-2015	CIVIC Si/Hybrid/Type-R
2012-2015	CIVIC EX-L/Si w/ NAV
2012-2015	CIVIC Hybrid/w/ NAV
2015-2015	CIVIC Touring w/ NAV
2015-2016	CRV LX (w/ 5" screen)

2015-2016	CRV EX/EX-L/Touring (w/ 7" screen)
2012-2016	CRV EX-L w/ NAV (w/ 7" screen)
2015-2017	FIT EX (w/ 7" screen)
2015-2017	FIT EX-L (w/ 7" screen)
2016-2020	HRV EX/EX-L (w/ 7" screen)
2016-2020	HRV EX-L w/ Nav (w/ 7" screen)



NOTE: Auxiliary input cable will in limited applications, will not work w/ Display audio and NAV w/ Display Audio System  
Does not support base Honda Civic DX trim w/o SWC



## MULTI-ANGLE REAR VIEW CAMERA

The Crux SWRHN-62CV retains the factory Multi-Angle Rearview Camera functionality. Use the factory source button on the steering to switch between the available camera views. Follow steps below.



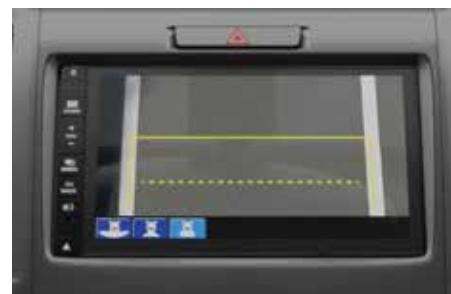
Place vehicle in reverse for Default camera view



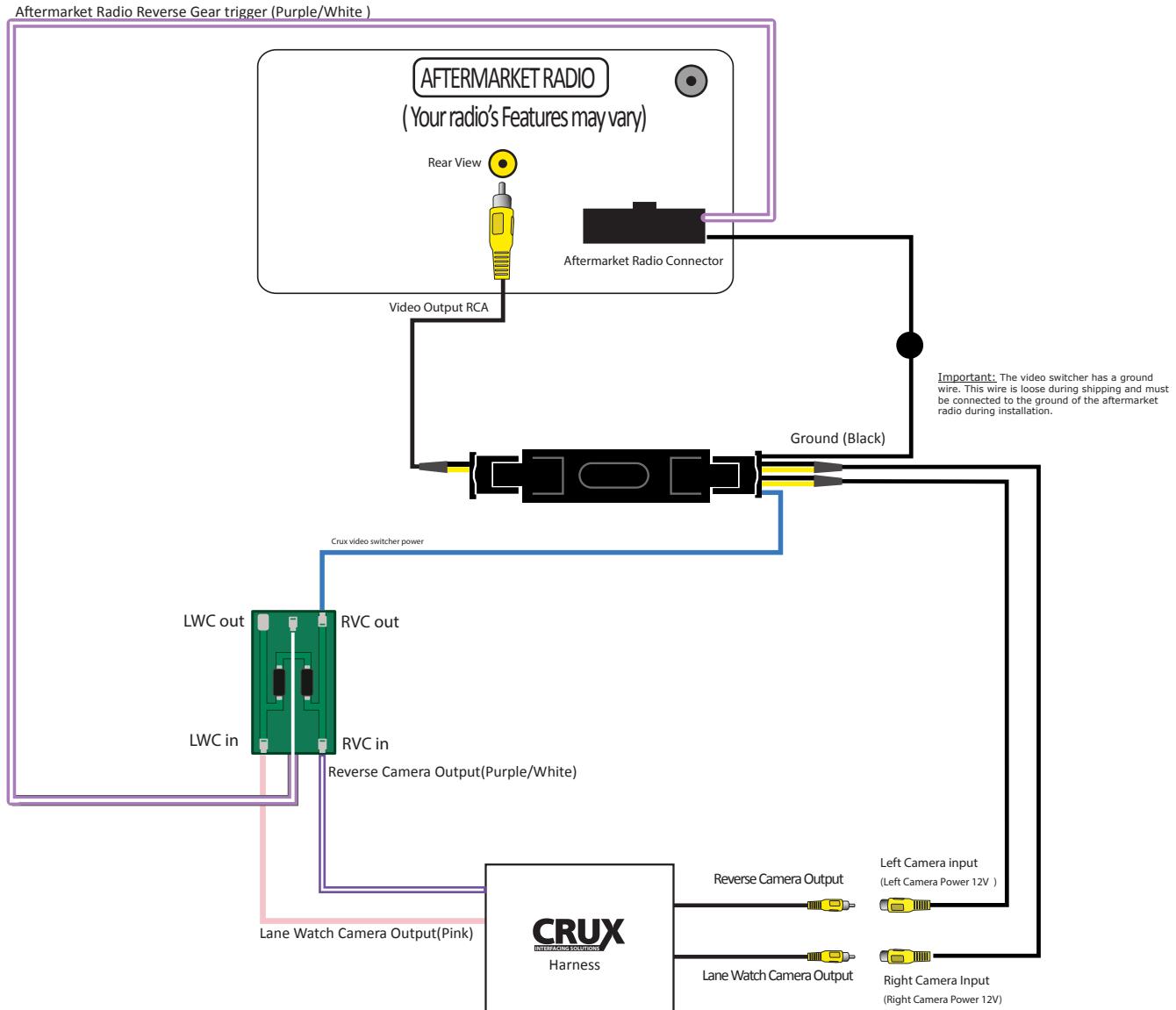
For wide angle view press source button for 1 second



For top down camera view press source button for 1 second



**LANE WATCH CAMERA RETENTION INSTALLATION:**



## STEERING WHEEL CONTROL TROUBLE SHOOTING:

**Note:** Identify Alpine SWC learning radios by checking for three SWC cables and a SWC learn menu, instead of a 3.5mm SWC input.

If Interface has one SWR-100 Cable included	If Interface has two SWR Cables included
1 - Find the included SWC adapter cable.	1 - Identify appropriate SWC adapter cable. Do not use cable with Blue / Yellow wire.
	
2 - Prepare the SWC Cable: Cut the SWC cable. You will find a red wire, a white wire, and a ground (shield) wire inside.	
3 - Adjust the Module Settings: Set the module to the Pioneer dip switch setting. This configures the module to communicate correctly with the Alpine radio.	
4 - Configure the Alpine Radio: On your Alpine radio, select the setting "Without an adapter" for SWC. This ensures the radio will recognize the steering wheel controls.	
5 - Connect the Wires: Connect both the SWC1 and SWC2 wires from aftermarket radio to the red wire from our SWC cable. Connect the SWC ground wire to the shield (ground) wire of our SWC cable. These steps should enable the steering wheel controls on your Alpine iLX series radio.	

6. Program the SWC: Navigate to the SWC settings on your Alpine radio to assign and test each control function.

## 2012-2016 Honda Civic/CRV With factory Nav SWC bluetooth & CAN connections:

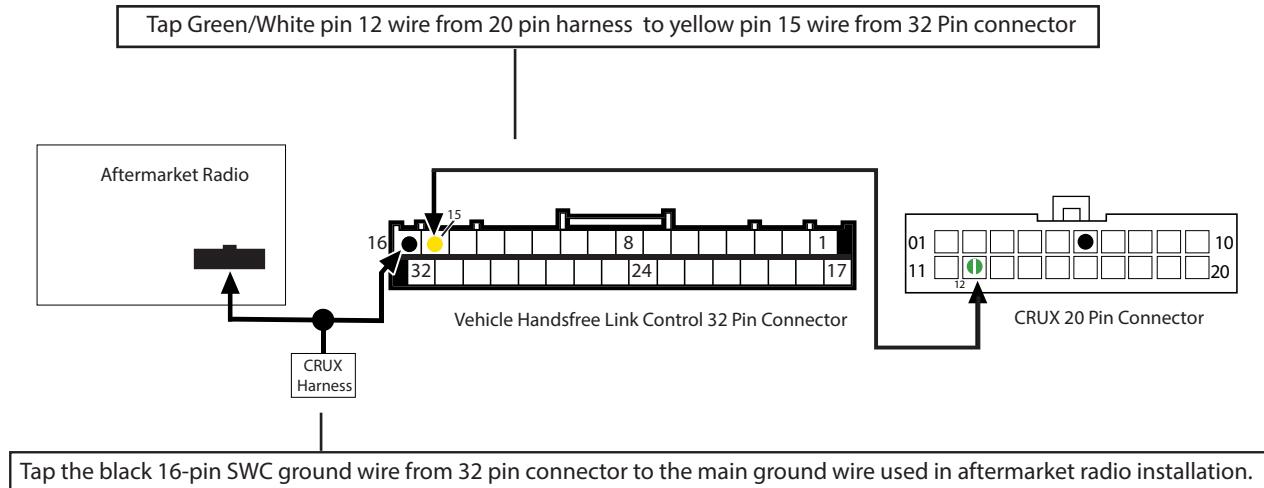
In 2012–2016 vehicles with factory navigation, hardwired connections are required due to the use of a different connector and alternate wire locations for key systems. These include MS-CAN, steering wheel controls (SWC), subwoofer, multi-view camera (Multi RVC), and rear view camera.

For Detailed instructions please use this QR code



**SWC BLUETOOTH TROUBLE SHOOTING (Continued):**

**CRV 7" Screen**



**NOTE:** 2015 Honda CR-V SWC BT, bluetooth handsfree Link Control 32 pin connector is located behind the Gear shift

**FIT 5" & 7" Screen**

