



SWRHN-620

Radio Replacement with SWC & Multi-angle Backup & Lane Watch Camera
Retention for Select HONDA Vehicles 2013-2017 w/ Two 24 & 20 pins

PRODUCT MANUAL
VER.090326

CONTACT

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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, & Lanewatch Camera Outputs.
- Retains factory Multi-Angle Rear View Camera & Lanewatch Camera
- Includes antenna adapter, USB retention cable, & subwoofer output cable.
- Includes antenna adapter.
- EIA color coded wiring for easy installation.

NOTES:

1. Supports Amplified and Non-Amplified Systems.
2. Does not retain Rear Seat Entertainment system (RSE).
3. On premium trims equipped with both RVC and LaneWatch, the OEM radio outputs these video signals via a GVIF connection. These signals cannot be retained on the top monitor after radio replacement.
4. The factory 8" upper display i-mid screen is not retained.
5. Type-C updatable firmware.

PARTS INCLUDED:



Module



Harness



SWC Cable

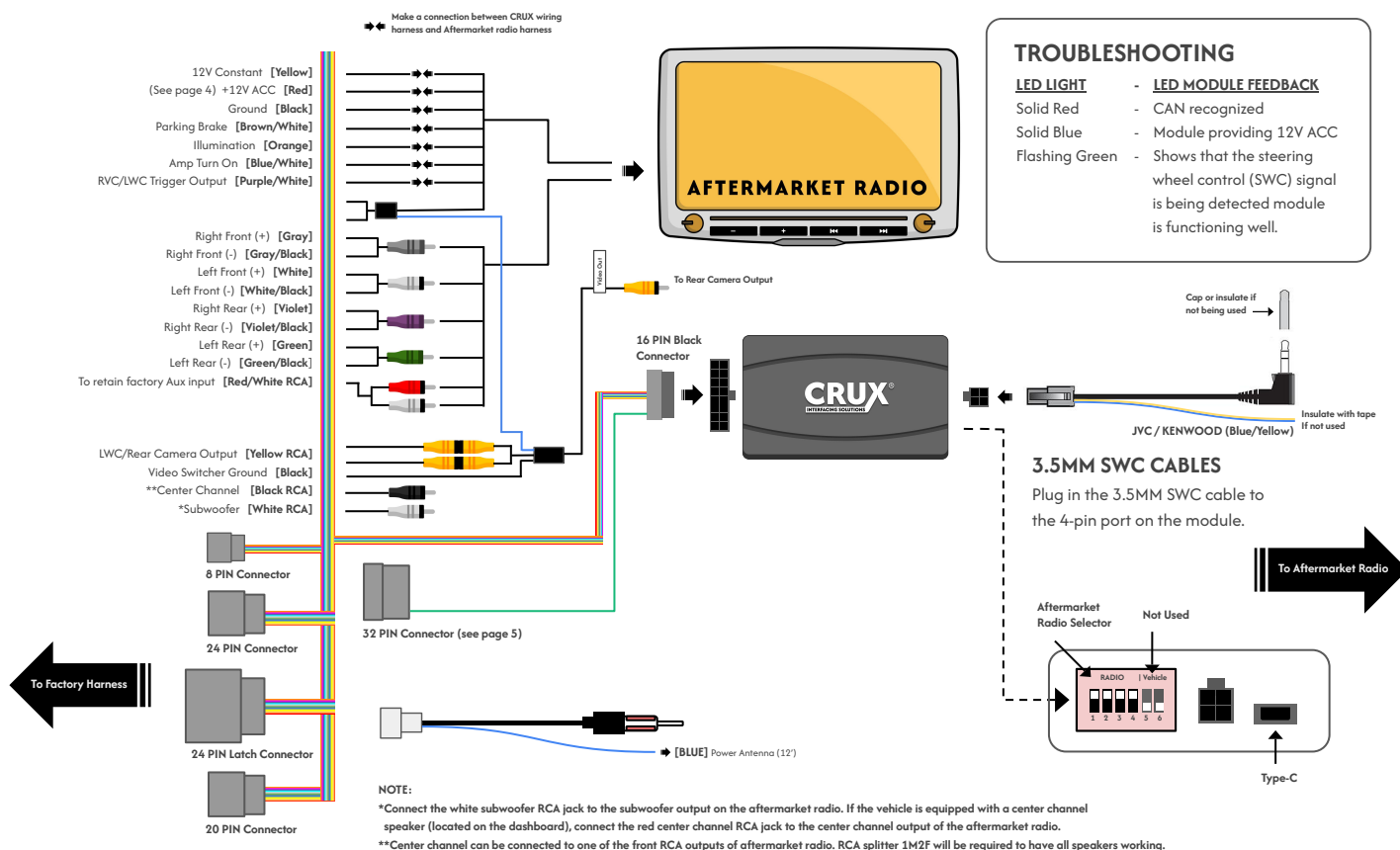


USB Cable



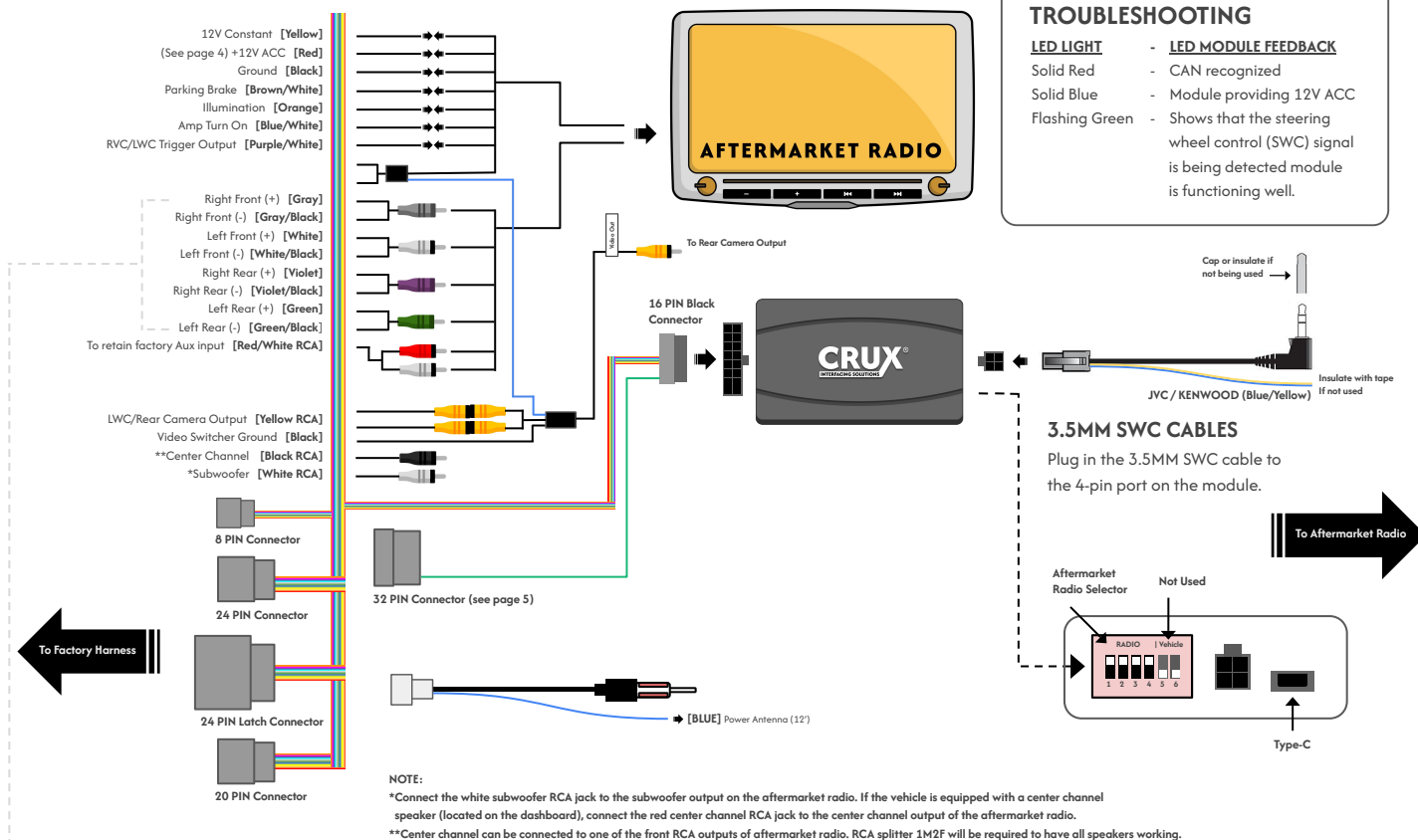
Antenna Adapter 12'

INSTALLATION DIAGRAM FOR AMPLIFIED VEHICLES:

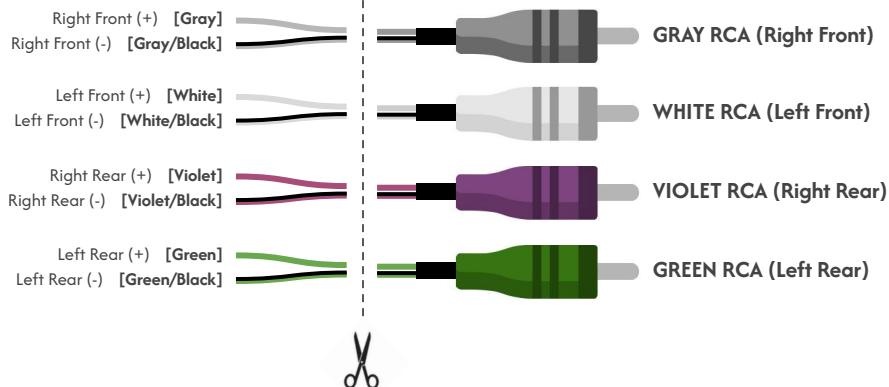


INSTALLATION DIAGRAM FOR NON-AMPLIFIED VEHICLES:

◆◆ Make a connection between CRUX wiring harness and Aftermarket radio harness



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

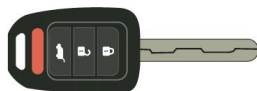


ALTERNATIVE ACCESSORY POWER TROUBLESHOOTING:

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.

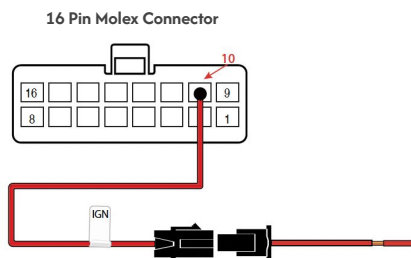


HARNESS VIEW



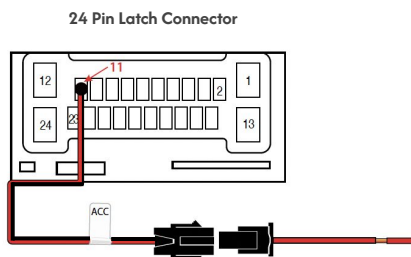
For Vehicles with STANDARD KEY

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 IGN 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.



DIP SWITCH SETTINGS:

AFTERMARKET RADIO DIP SWITCH SETTINGS:

RADIO BRAND:	DIP#:	1	2	3	4
Atoto, Dual, Fahrenheit, Jensen, Nakamichi		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 (with CarPlay)		OFF	OFF	ON	OFF
SWC Learning Radios*		ON	OFF	OFF	ON
Boss II **		ON	OFF	ON	OFF
Jensen II **		ON	OFF	ON	ON

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

* For SWC Learning Radios specific steps are required. Please scan the QR code on the right.

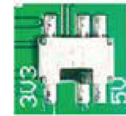
** For Boss II and Jensen II make sure your module's software is updated to 1.3.9

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:



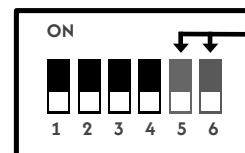
Note that there are some radios that only have SWC1 and SWC2, in this case "shield" does not need to be connected.

SWC TROUBLESHOOTING 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.



NOTE:
DIP Switches
5-6 are not used



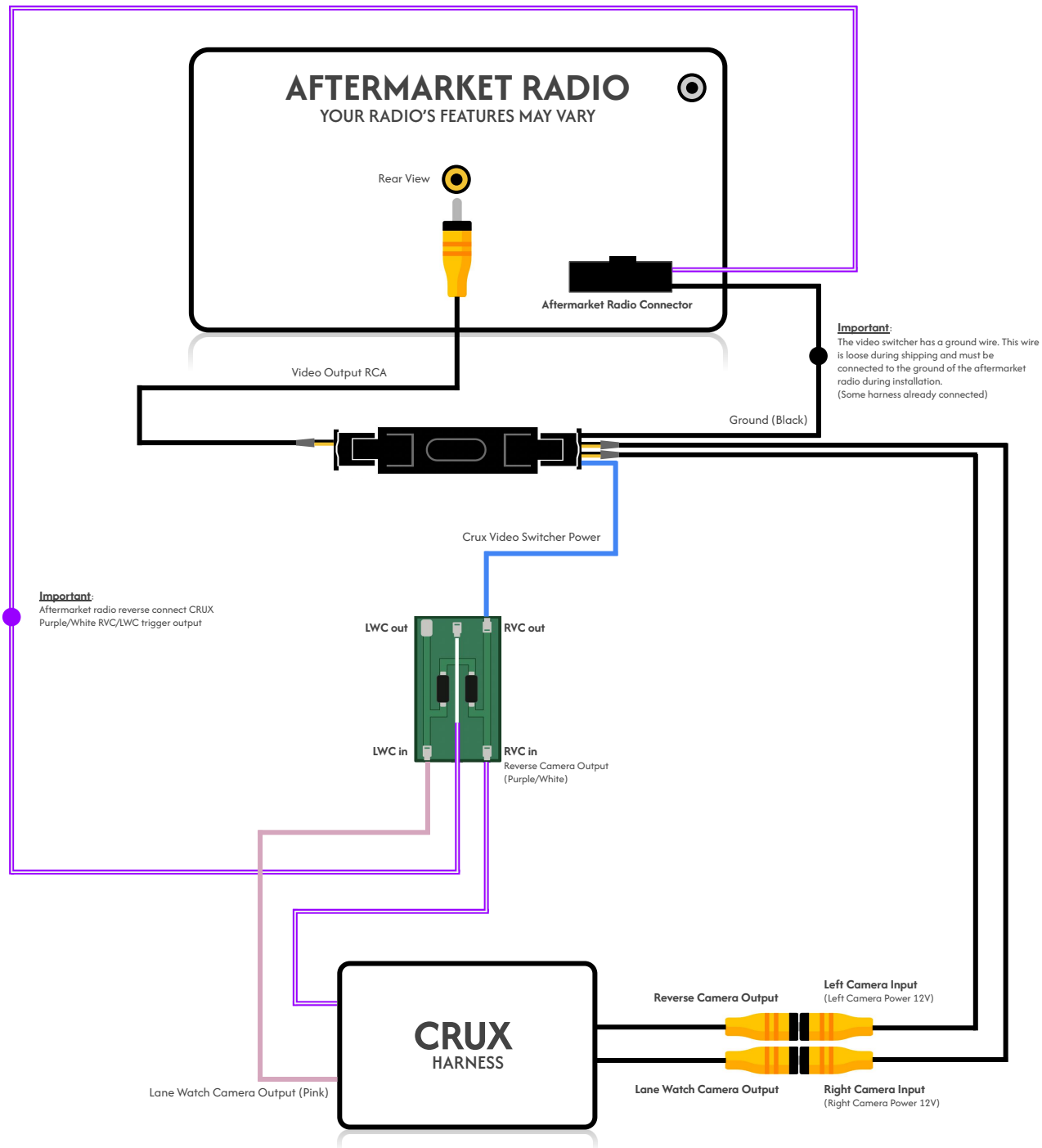
Troubleshooting for SWC Learning Radios

BLUETOOTH BUTTONS RETENTION GUIDE

Locate the HandsFree Link Module using the chart below. Find the 32-pin female connector, disconnect it from the HandsFree Link Module, and connect it to the CRUX 32-pin male connector.

Touchscreen:	With Navigation:	Location:	Connector:
YES (Accord)	YES	Below Hazard Button, Above Pocket	32 Pin
NO (Accord)	YES	Below Hazard Button, Above Pocket	32 Pin
YES (Odyssey)	NO	Right-center of Dash	32 Pin
YES (Odyssey)	YES	Right-center of Dash	32 Pin

LANE WATCH CAMERA RETENTION INSTALLATION



MULTI-ANGLE REAR VIEW CAMERA:



The Crux SWRHN-620 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.

VEHICLE APPLICATIONS:

YEARS	MAKE	MODEL
2014 - 2017	HONDA	ODYSSEY EX/EX-L/Touring
2013 - 2015	HONDA	ACCORD Sedan EX/EX-L/Touring
2013 - 2015	HONDA	ACCORD Coupe EX/EX-L

NOTE:

Not compatible with 2014-2017 Honda Odyssey models equipped with Premium Audio and Navigation systems that use SPDIF (digital audio).

- Compatible with factory amplified 8-wire analog audio systems.
- NOT compatible with the Touring Elite trim 650-Watt, 12-speaker Premium Audio System with 5.1 Surround Sound (S/PDIF).
- Does not retain the factory Rearview Camera (RVC) or Honda LaneWatch™ Camera (LWC) on the upper 8" i-MID display, as these video signals are sent through the factory GVIF system.