



SWRHN-62CW

Radio Replacement with SWC & Multi-angle Backup
Retention for Select HONDA Vehicles 2012-2016

PRODUCT MANUAL
VER.042826

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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, Vehicle Speed Sense.
- Retains factory Multi-Angle Rear View 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. Only amplified vehicles require the subwoofer retention connector. Use the 8-pin connector for standard applications, but for 2012–2015 Honda CR-V and Civic models with factory navigation, the 16-pin subwoofer retention connector is used.
4. For select Honda Civic and CR-V vehicles equipped with factory navigation, a different harness connection setup is required. Please refer to pages 4 and 5 for detailed instructions.

SUBWOOFER RETENTION NOTES:

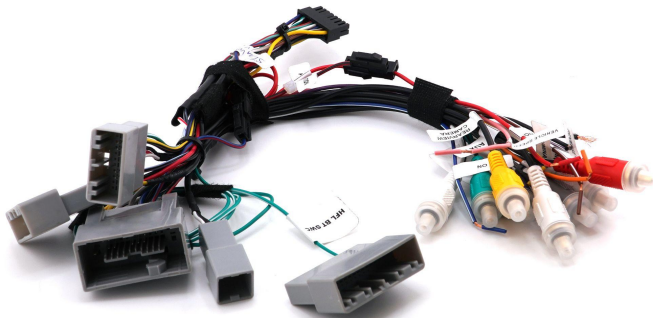
MODEL-SPECIFIC DETAILS:

Civic 2012 (Premium Audio): Subwoofer cable required. (see page 2 Type A amp)

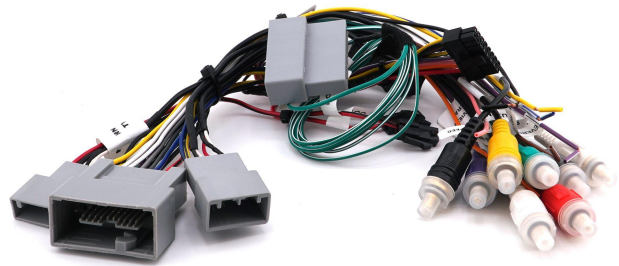
Civic 2012 (Premium Audio + Navigation): Subwoofer cable not required. (see page 4 Type B amp)

CR-V 2013 (Premium Audio + Navigation): Subwoofer cable not required. (see page 4 Type B amp)

PARTS INCLUDED:



SWRHN-62CW Harness TYPE A



SWRHN-62CW Harness TYPE B



SWRHN-62CW Module



Antenna Adapter

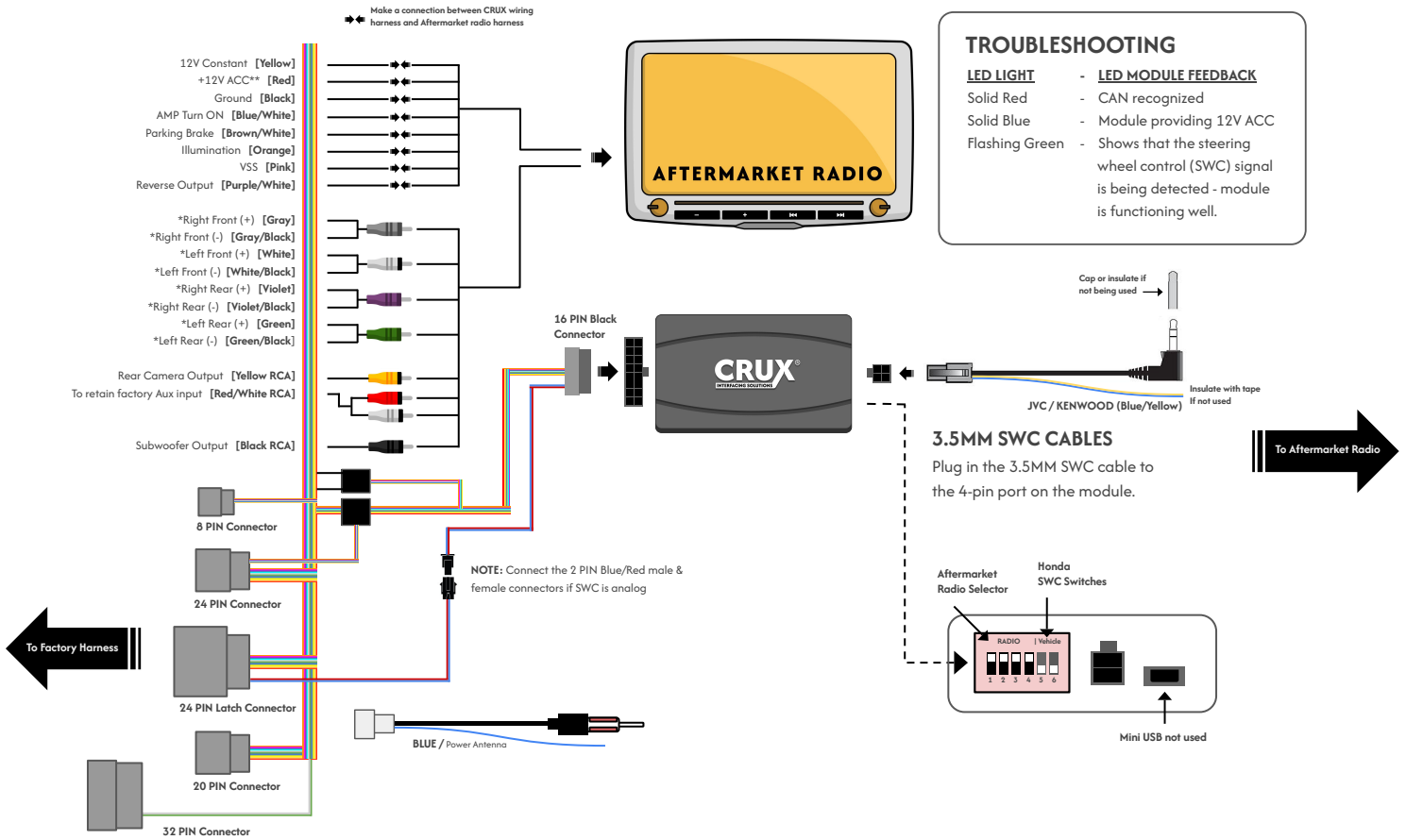


SWC Cable



USB Cable

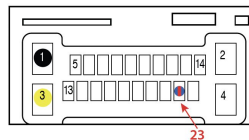
TYPE A | INSTALLATION DIAGRAM FOR AMPLIFIED VEHICLES:



NOTE: If the aftermarket radio has limited RCA outputs, a 1 male to 2 female (1M2F) RCA splitter may be required.
 *Connect the Black subwoofer RCA jack to the subwoofer output on the aftermarket radio.
 **Please reference page 7 to connect the appropriate ignition wire.
 ***Please reference below for more info on SWC analog connections.

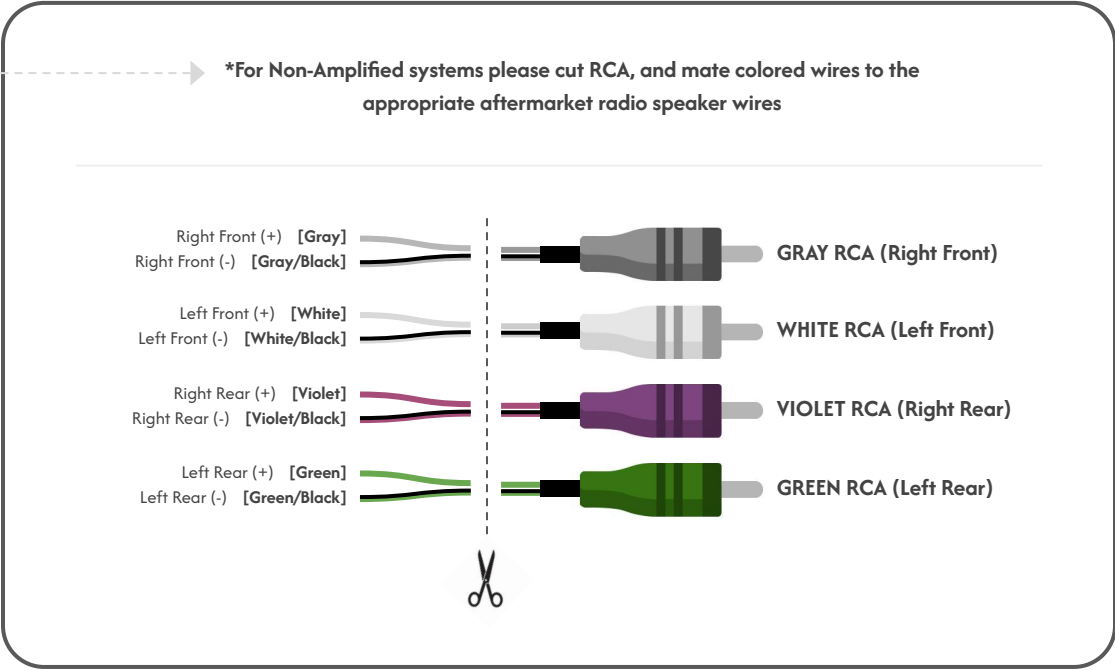
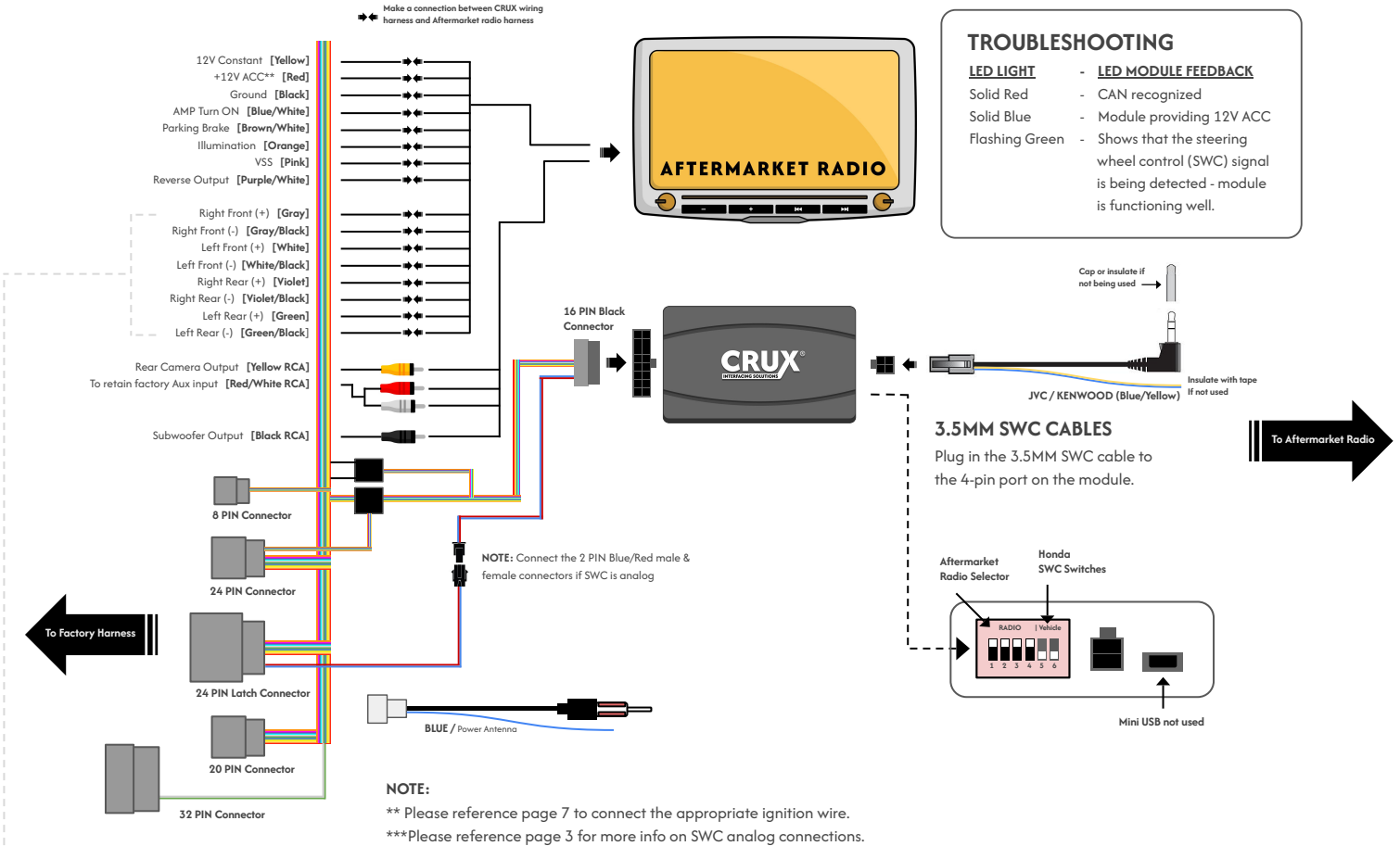
HOW TO DETERMINE IF THE VEHICLE HAS ANALOG SWC:

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 applies for your vehicle, connect the 2 PIN Blue/Red male & female connectors.

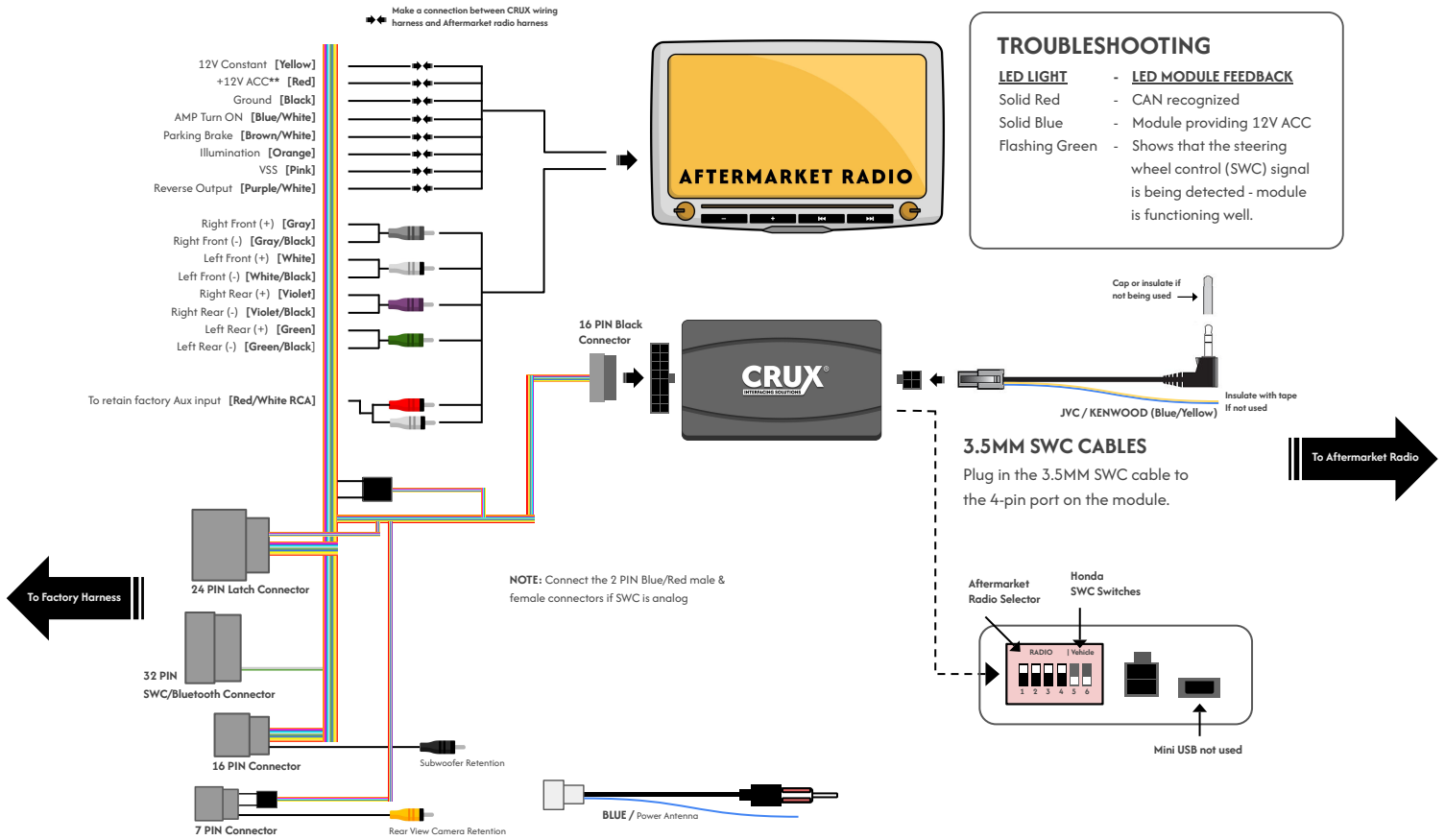


EXAMPLE: 2016 HR-V with Display Audio Type 7" and Audio-NAV.

TYPE A | INSTALLATION DIAGRAM FOR NON-AMPLIFIED VEHICLES:

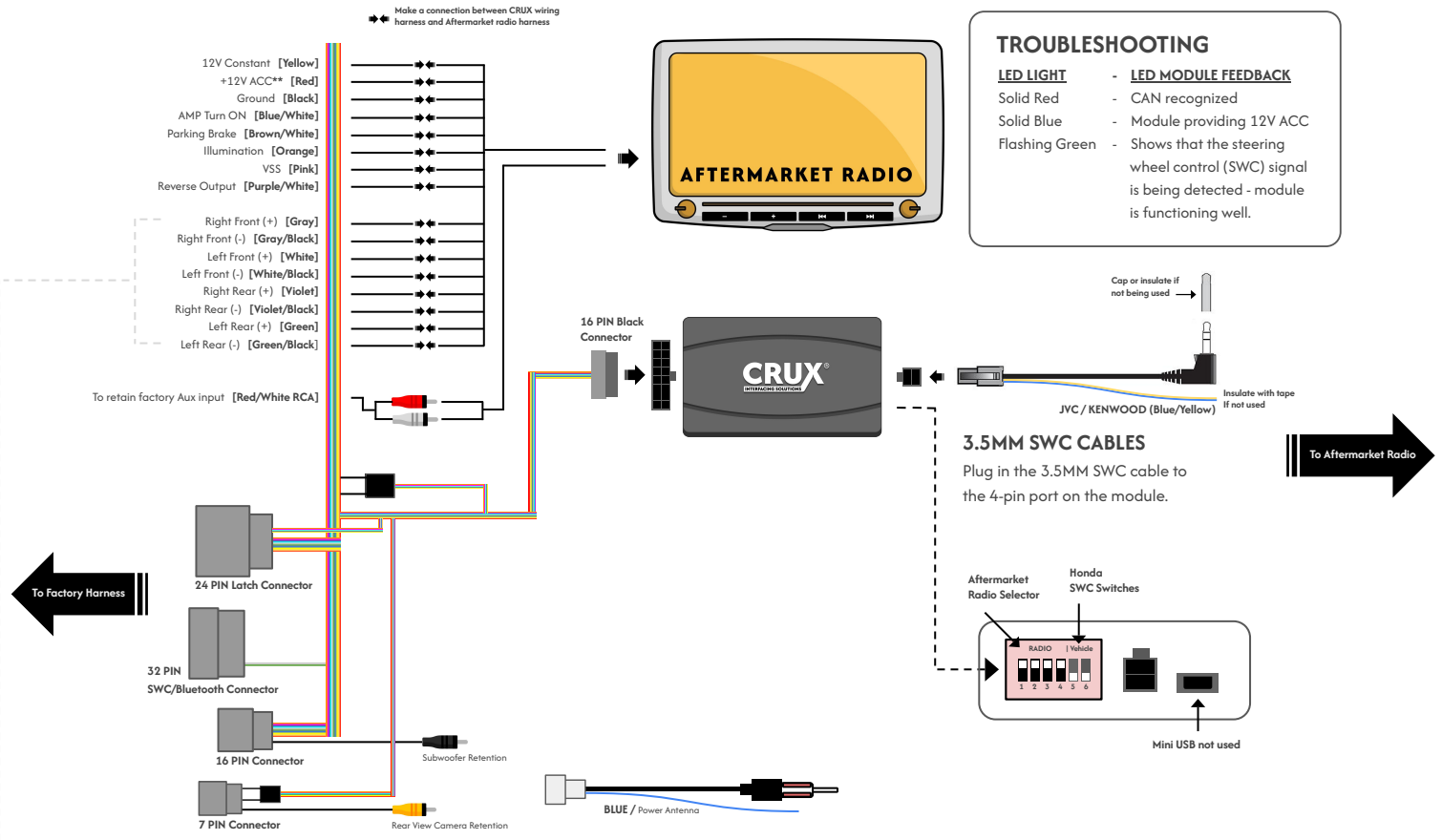


TYPE B | INSTALLATION DIAGRAM FOR AMPLIFIED VEHICLES:



****NOTE:** Please reference page 7 to connect the appropriate ignition wire.
Connect the black subwoofer RCA jack to the subwoofer output on the aftermarket radio.
If the aftermarket radio has limited RCA outputs, a 1 male to 2 female (1M2F) RCA splitter may be required.

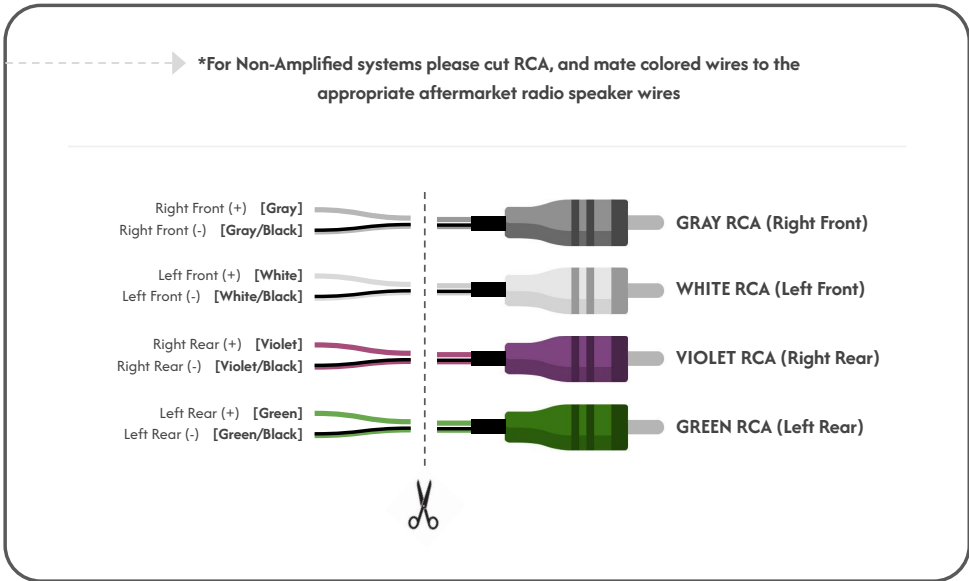
TYPE B | INSTALLATION DIAGRAM FOR NON-AMPLIFIED VEHICLES:



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.

****NOTE:** Please reference page 7 to connect the appropriate ignition wire.
 Connect the black subwoofer RCA jack to the subwoofer output on the aftermarket radio.
 If the aftermarket radio has limited RCA outputs, a 1 male to 2 female (1M2F) RCA splitter may be required.

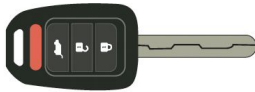


ALTERNATIVE ACCESSORY POWER TROUBLESHOOTING:

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.

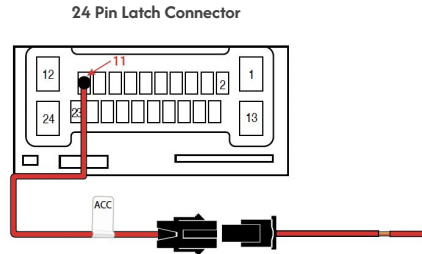


HARNESS VIEW



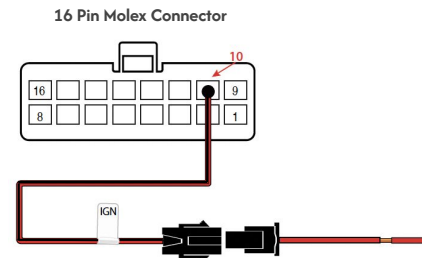
For Vehicles with STANDARD KEY

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
New Boss		ON	OFF	ON	OFF

*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 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:



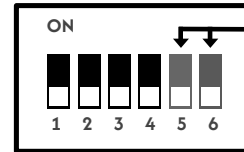
Note that there are some radios that only have SWC1 and SWC2, in this case "shield" does not need to be connected.

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

VEHICLE APPLICATIONS:

USE TYPE A HARNESS:

YEARS	MAKE	MODEL
2012 - 2015	HONDA	CIVIC HF / LX / EX / EX-L
2012 - 2015	HONDA	CIVIC Si / Hybrid / Type-R
2015 - 2016	HONDA	CR-V LX (with 5" screen)

USE TYPE B HARNESS:

YEARS	MAKE	MODEL
2012 - 2015	HONDA	CIVIC EX-L / Si with NAV
2012 - 2015	HONDA	CIVIC Hybrid with NAV
2015	HONDA	CIVIC Touring with NAV
2012 - 2014	HONDA	CR-V EX-L with NAV

NOTE:

- Auxiliary input cable will in limited application, will **NOT** work with Display audio and NAV with Display Audio System
- Does **NOT** support base Honda Civic DX trim w/o SWC



Scan the QR code for a quick installation walkthrough and product overview.

MULTI-ANGLE REAR VIEW CAMERA:



▶ The Crux SWRHN-62HV 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.

CR-V/CIVIC 5" & 7" VEHICLES SWC BLUETOOTH TROUBLESHOOTING:

In certain cases, the Bluetooth hands-free link wire is analog and is not located in the same place. It might be located in external 32-pin connector (Civic/ CR-V applications). In these instances, please scan the QR code below:



NOTE: The Hands-Free Link unit in the Civic is positioned behind the glove box, while in the CR-V, it is located beneath the center of the dashboard