SWRHN-62HV

Radio Replacement w/ SWC & Multi-Angle Rear View Camera Retention for Select 2015 - 2020 Honda Vehicles

PRODUCT MANUAL
VER.081726

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.
- Retains factory multi-angle rear view camera.
- Retains factory Auxiliary input.
- Includes antenna adapter & USB retention cable.
- EIA color coded wiring for easy installation.

NOTE:

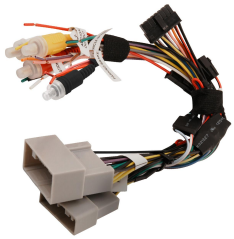
*1.) Does **NOT** support amplified systems.*

*2.) Does **NOT** retain Rear Seat Entertainment system (RSE).*

PARTS INCLUDED:



SWRHN-62HV Module



SWRHN-62HV Harness



Antenna Adapter

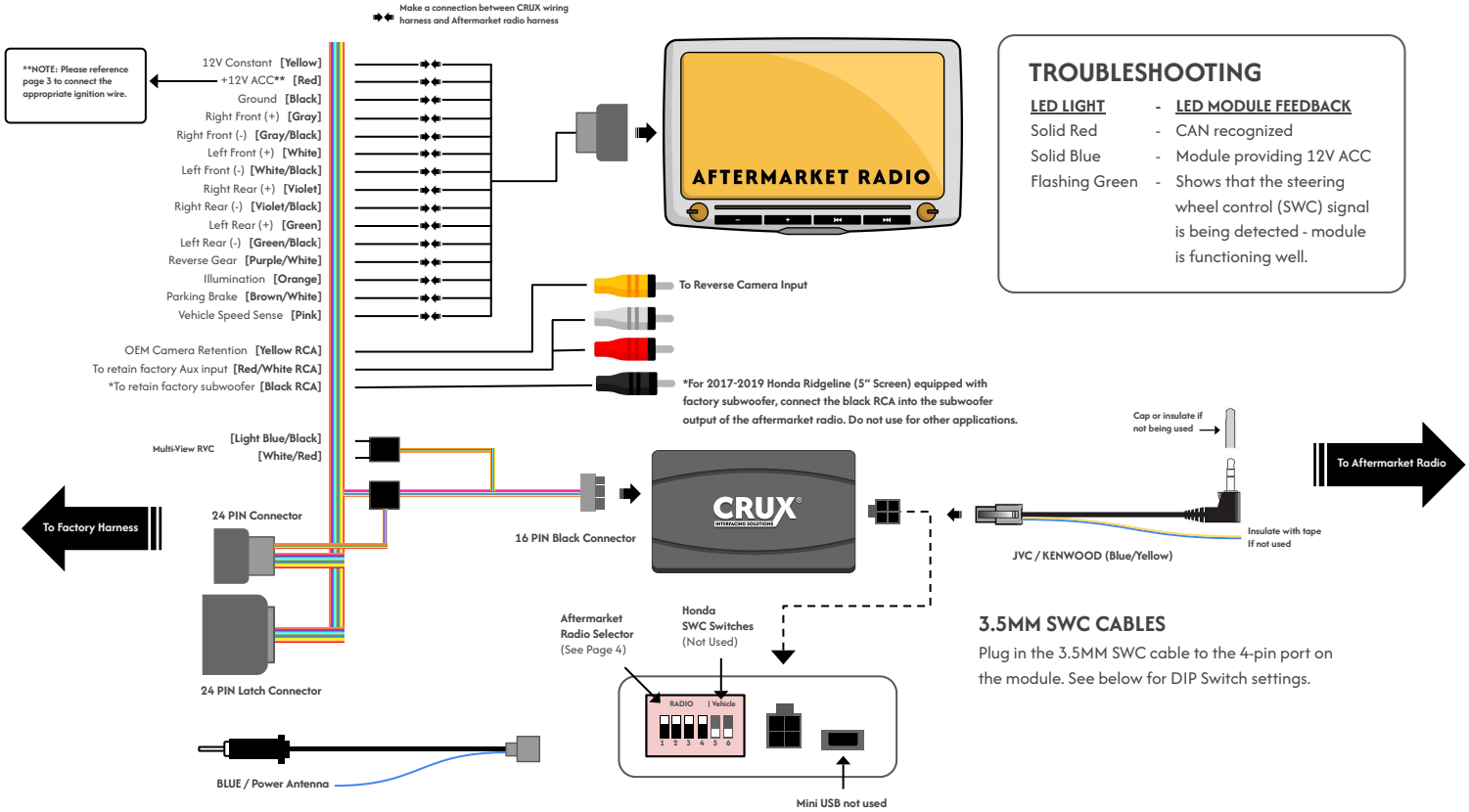


SWC Cable



USB Cable

INSTALLATION DIAGRAM:



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.

3.5MM SWC CABLES

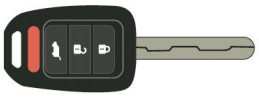
Plug in the 3.5MM SWC cable to the 4-pin port on the module. See below for DIP Switch settings.

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.



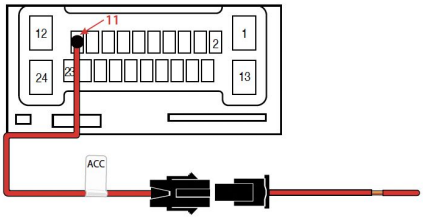
HARNESS VIEW



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.

24 Pin Latch Connector

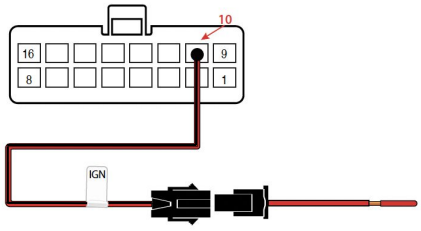




For Vehicles with PUSH START ignition

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.

16 Pin Molex Connector



DIP SWITCH SETTINGS:

AFTERMARKET RADIO DIP SWITCH SETTINGS:

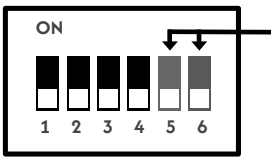
RADIO BRAND:	DIP#: 1	2	3	4
Atoto, Dual, Fahrenheit, Jensen, Nakamichi	OFF	OFF	ON	ON
Pioneer, Power Acoustik, Soundstream	OFF	OFF	ON	ON
Blaupunkt, Most off-brand Radio	OFF	OFF	ON	ON
Alpine	OFF	OFF	OFF	OFF
Clarion	OFF	ON	ON	OFF
Kenwood	OFF	ON	ON	ON
JVC	OFF	ON	OFF	ON
BOSS, Old Sony	OFF	ON	OFF	OFF
New Sony (with CarPlay)	OFF	OFF	ON	OFF
SWC Learning Radios*	ON	OFF	OFF	ON
New Boss	ON	OFF	ON	OFF

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

SPECIAL VEHICLE DIP SWITCH SETTINGS:

VEHICLE SETTINGS:	DIP#: 5	6
Pilots with color odometer display (2019-UP)	OFF	ON





NOTE: For Atoto, Blaupunkt, Dual, Farenheit, 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.*

Troubleshooting for SWC Learning Radios

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 SWCl and SWC2, in this case "shield" does not need to be connected.

VEHICLE APPLICATIONS:

YEARS	MAKE	MODEL
2015 - 2018	HONDA	**FIT** LX (with 5" screen)
2017 - 2019	HONDA	**RIDGELINE** RT / RTS / Sport / RTL (with 5" screen)
2015 - 2018	HONDA	**HR-V** LX (with 5" screen)
2016 - 2020	HONDA	**PILOT** LX (with 5" screen)

NOTE:

*- Does **NOT** support amplified systems.*
*- Does **NOT** support Rear-Seat Entertainment systems(RSE).*
*- **NOT** compatible with Factory Navigation systems.*

MULTI-ANGLE REAR VIEW CAMERA:

The Crux SWRHN-62HV retains the factory Multi-Angle Rearview Camera functionality. Identify which steering wheel configuration you have (**Option A**) uses the factory Source (**Option B**) Arrow Up or Source SWC key. Follow steps below.

OPTION A



OPTION B





Place vehicle in reverse for **DEFAULT** camera view.



For wide angle view press **SOURCE** button for 1 second.

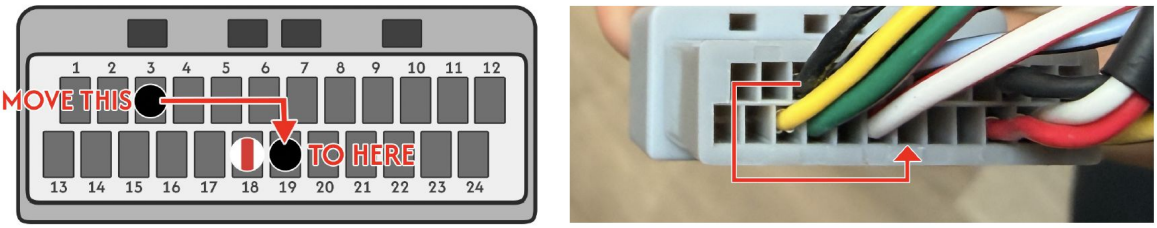


For top down camera view press **SOURCE** button for 1 second.

CAMERA TROUBLESHOOTING FOR 2017-2019 HONDA RIDGELINE EQUIPPED WITH 5" SCREENS:

2017–2019 Honda Ridgeline with 5" Display:
On harnesses manufactured prior to March 2026, the reverse camera image may not display in certain situations. If this occurs, check the Crux 24-PIN Connector and relocate the RCA video ground (black wire) from Pin 3 to Pin 19.

SWRHN-62HV with **LOT # on module with 03232026 and Up** have been updated and do not require this modification.

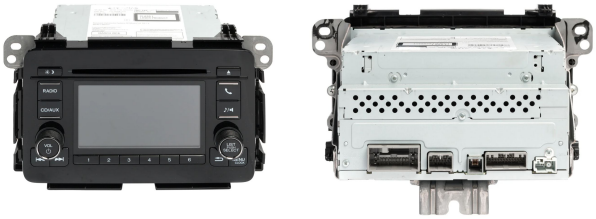


CRUX 24-PIN Connector Wire Side View

OEM RADIO COMPATIBILITY:



FIT LX (with 5" screen)



HR-V LX (with 5" screen)



RIDGELINE RT/RTS/Sport/RTL (with 5" screen)