



# CRUX SWRSU-38C Radio Replacement Wiring Interface User Manual

[Home](#) » [CRUX](#) » CRUX SWRSU-38C Radio Replacement Wiring Interface User Manual

# CRUX<sup>®</sup>

SWRSU-38C Radio Replacement Wiring Interface  
User Manual



RADIO REPLACEMENT



SWC RETENTION

## SWRSU-38C

Radio Replacement with Steering Wheel Control Retention for Select Non-Amplified Subaru Vehicles 2015 – Up

### Contents [ [hide](#) ]

- [1 PRODUCT FEATURES:](#)
- [2 INSTALLATION DIAGRAM:](#)
- [3 STARLINK RETENTION:](#)
- [4 DIP SWITCH SETTINGS:](#)
- [5 VEHICLE APPLICATIONS:](#)
- [6 Documents / Resources](#)
  - [6.1 References](#)
- [7 Related Posts](#)

## PRODUCT FEATURES:

- Retains select factory features in select Subaru vehicles while functioning with an aftermarket radio.
- Pre-programmed to retain factory Steering Wheel Controls.
- Retains StarLink functionality.
- Retains factory Auxiliary Input.
- Retains factory backup camera (see note on the diagram below).
- Includes antenna adapter.

## PARTS INCLUDED:



SWRSU-38C Module



SU-38C Harness

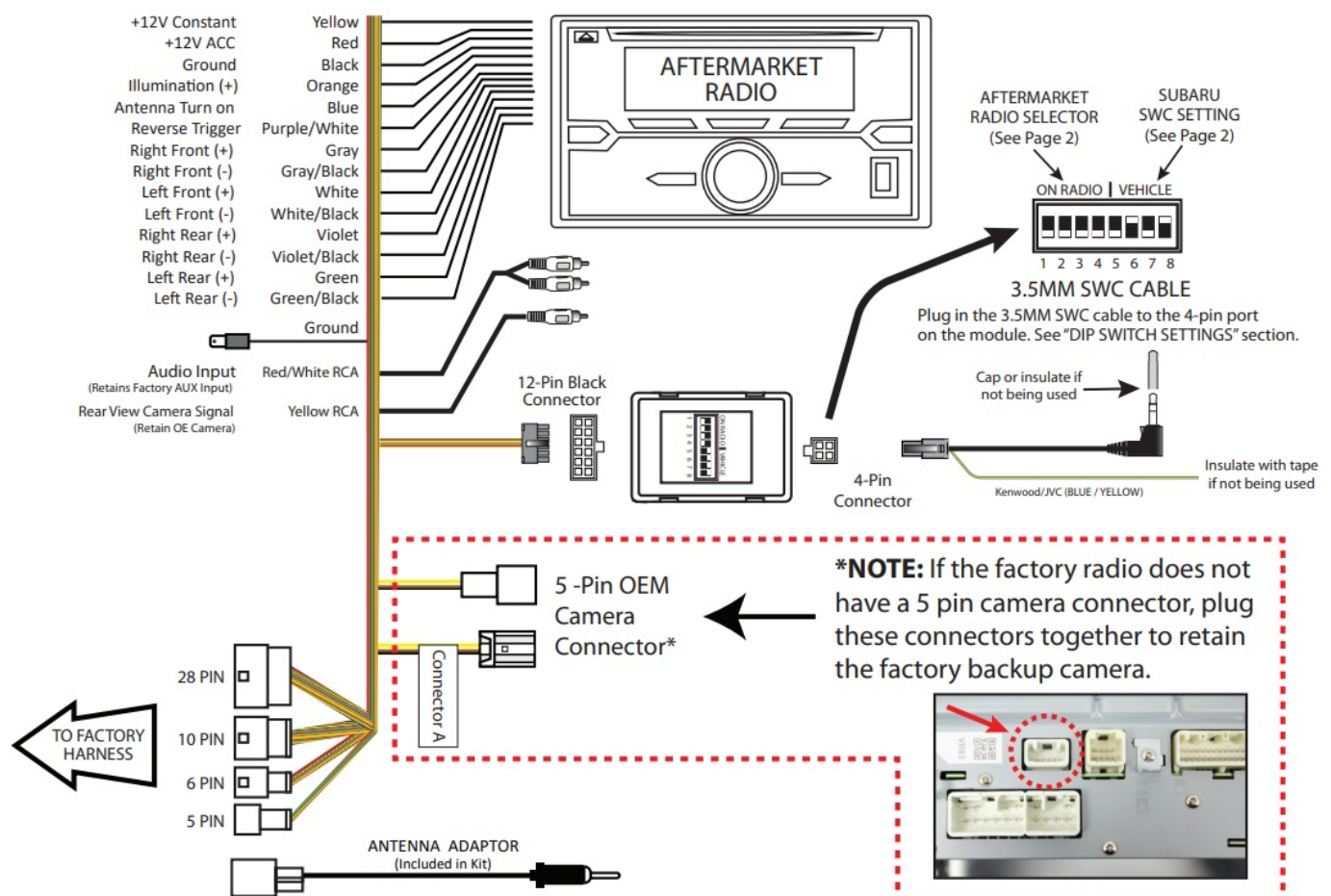


Antenna Adapter



SWC Cable

## INSTALLATION DIAGRAM:



## STARLINK RETENTION:

To retain Starlink, separate the Starlink module from the radio and reconnect the harness and antenna connectors to the module. Stuff the Starlink module back into the dash and secure it with zip ties or tape to prevent it from rattling.

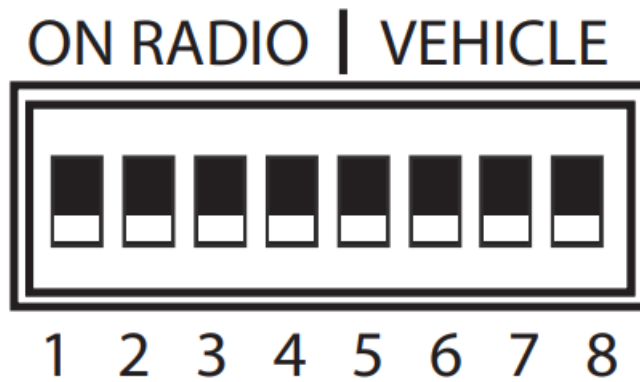


**NOTE:** The front speaker audio will be lost if the StarLink module is removed from the system.

#### **DIP SWITCH SETTINGS:**

#### **AFTERMARKET RADIO DIP SWITCH SETTINGS:**

#### **SWC MODULE**



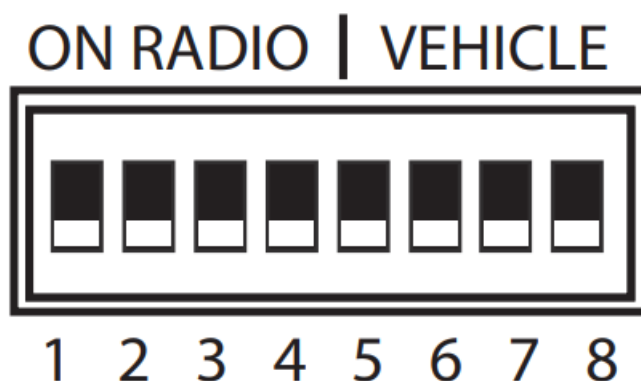
RADIO BRAND:	DIP: 1	2	3	4
Atoto, Dual, Farenheit, Jensen, Pioneer	OFF	OFF	ON	ON
Power Acoustik, Soundstream	OFF	OFF	ON	ON
Blaupunkt, Most off-brand Radios	OFF	OFF	ON	ON
Alpine	OFF	OFF	OFF	OFF
Clarion	OFF	ON	ON	OFF
Kenwood	OFF	ON	ON	ON
JVC	OFF	ON	OFF	ON
Boss, Old Sony	OFF	ON	OFF	OFF
New Sony	OFF	OFF	ON	OFF

**NOTE:** For Auto, Blaupunkt, Dual, Farenheit, Power Acoustik, Soundstream, and most off-brand radios, check the aftermarket radio's manual to see if the SWC buttons need to be programmed.

#### SUBARU STEERING WHEEL CONTROL DIP SWITCH SETTING:

There are 2 possible DIP switch settings for the Subaru SWC as follows. Try the one that matches your vehicle.

#### SWC MODULE



Subaru	DIP: 5	6	
#1	ON	OFF	OFF
#2	OFF	ON	OFF

#### 3.5MM SWC CABLE

Plug in the 3.5MM to 4-Pin SWC cable to the SWC module and the 3.5mm plug to the aftermarket radio SWC port.

**NOTE:** Insulate the Blue/Yellow wire or 3.5mm plug 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, the "shield" does not need to be connected.



RED to SWC Key 1  
WHITE to SWC Key 2  
SHIELD to SWC Ground

#### VEHICLE APPLICATIONS:

SUBARU	
2017 – 2020	BRZ
2015	XV Crosstrek
2016 – 2020	Crosstrek
2015 – 2020	Forester
2016 – 2020	Impreza
2015 – 2020	Outback
2016 – 2020	WRX

**NOTE:** For non-amplified systems only.



<http://www.cruxinterfacing.com>

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## Documents / Resources

	<p><a href="#">CRUX SWRSU-38C Radio Replacement Wiring Interface</a> [pdf] User Manual SWRSU-38C, Radio Replacement Wiring Interface, Wiring Interface, Radio Replacement, Interface</p>
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## References

- [C CRUX Interfacing Solutions](#)