



CRUX SWRCR-59D Wiring Interface Instruction Manual

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SWRCR-59D

Radio Replacement with Steering Wheel Control Retention
for Select Dodge, Fiat, Jeep and RAM Vehicles

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PRODUCT FEATURES:

- Retains factory features in select Dodge, Fiat, Jeep and RAM vehicles while functioning with an aftermarket radio.
- Retains Steering Wheel Controls via built-in, pre-programmed interface.
- Provides accessory power (2A Max).
- Retains factory backup camera (non LVDS systems only).
- Retains factory Aux input in select vehicles.
- Retains factory Digital (Alpine amplifier) and analog amplifier.

- Retains factory SWC phone button functionality in select vehicles.
- EIA color coded wiring for easy installation.

PARTS INCLUDED:



SWRCR-59D Module

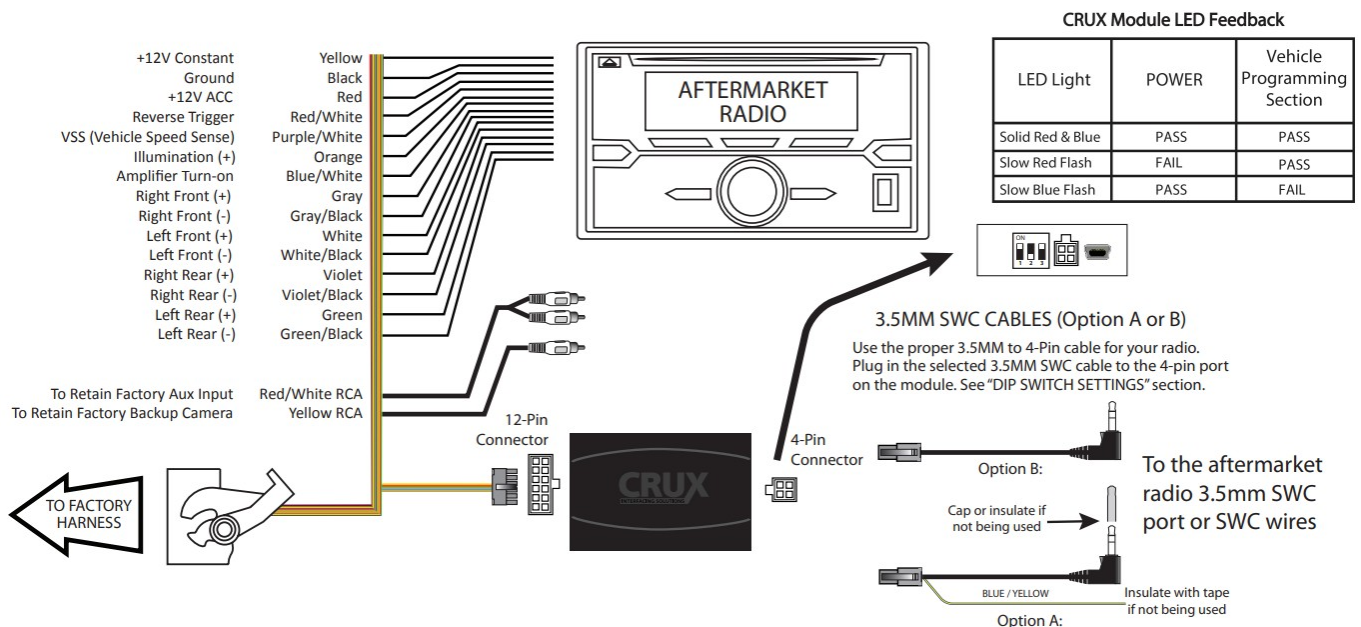


SWRCR-59D Harness



SWC Cables

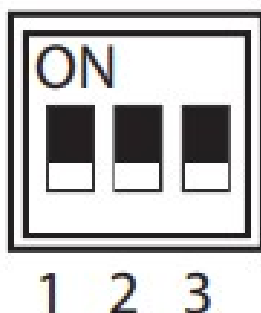
INSTALLATION DIAGRAM:



DIP SWITCH SETTINGS:

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

SWC MODULE DIP SWITCH



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.

Use the proper 3.5MM to 4-Pin SWC cable for the aftermarket radio that is being used. Plug the 4-pin Molex connector to the SWRCR-59D module and connect the 3.5mm plug or Blue/Yellow wire to the aftermarket radio's SWC input.

OPTION A is used for ALPINE, CLARION, (JVC and KENWOOD units will use the Blue/Yellow wire).

OPTION B is used for ATOTO, BOSS, BLAUPUNKT, DUAL, FARENHEIT, JENSEN, POWER ACOUSTIK, PIONEER, SONY, SOUNDSTREAM and most off-brand units.

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 (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.

VEHICLE APPLICATIONS:

DODGE

2014-2016	Dart
2015-2022	Challenger
2015-2022	Charger
2014-2021	Durango

FIAT

2014-2020	500L
2016-2020	500X

JEEP

2014-2015	Cherokee
Late 2017-2020	Compass
2021-Up	Compass**
2014-2015	Grand Cherokee
2015-2021	Renegade**
2022-Up	Renegade
2018-2022	Wrangler (JL model)*
2020-Up	Gladiator

RAM

2013-2017	1500
2018-2022	1500*
2013-2017	2500
2018-2021	2500*
2013-2017	3500
2018-2021	3500*
2014-2020	ProMaster
2021-2021	ProMaster*

***Note:** Applications with an (*) may be equipped with the OEM LVDS digital camera. Please use the CRUX Part# SWRCR-59LV to convert the digital signal to composite to retain the factory camera.
Does NOT retain Beats Audio System.

Please use the QR code to view the
SWRCR-59D video instructions



<https://youtu.be/LywwQoKCXw4>

For Fiat:

1. Will not retain backup sensor on Fiat vehicles (if equipped).
2. Once Factory radio is removed, the outside temperature will no longer be present on the cluster.

For RAM ProMaster:

1. Will not retain Phone and Voice button.

****Some Jeep Renegade & Jeep Compass vehicles have an issue with the factory dashboard so door chimes, interior/alarm, turn signals, & hazard audible chimes do not work or are inaudible. Therefore, when you use this interface those issues will still persisit. This is a factory speaker wire issue NOT SWRCR-59D interface. Does not retain factory backup camera with LVDS connection**



<http://www.cruxinterfacing.com>



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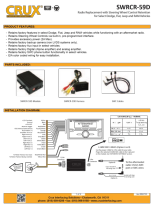
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Documents / Resources



[CRUX SWRCR-59D Wiring Interface](#) [pdf] Instruction Manual SWRCR-59D, SWRCR-59D Wiring Interface, Wiring Interface, Interface

References

- [C CRUX Interfacing Solutions](#)