



# SWRFD-60T

Radio Replacement with Steering Wheel Control Retention for  
Select 2019 and Up Ford Vehicles

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**PRODUCT MANUAL**  
**VER.032326**

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## CONTACT

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## PRODUCT FEATURES:

- Retains Factory Features in Select Ford Vehicles.
- Retains Factory Steering Wheel Controls via Built-in Pre-programmed Interface.
- Made for Non Amplified Vehicles.
- Provides Accessory Power (2A max).
- Provides Illumination Output.
- Provides Reverse Signal.

## PARTS INCLUDED:



SWRFD-60T Module



SWRFD-60T Harness

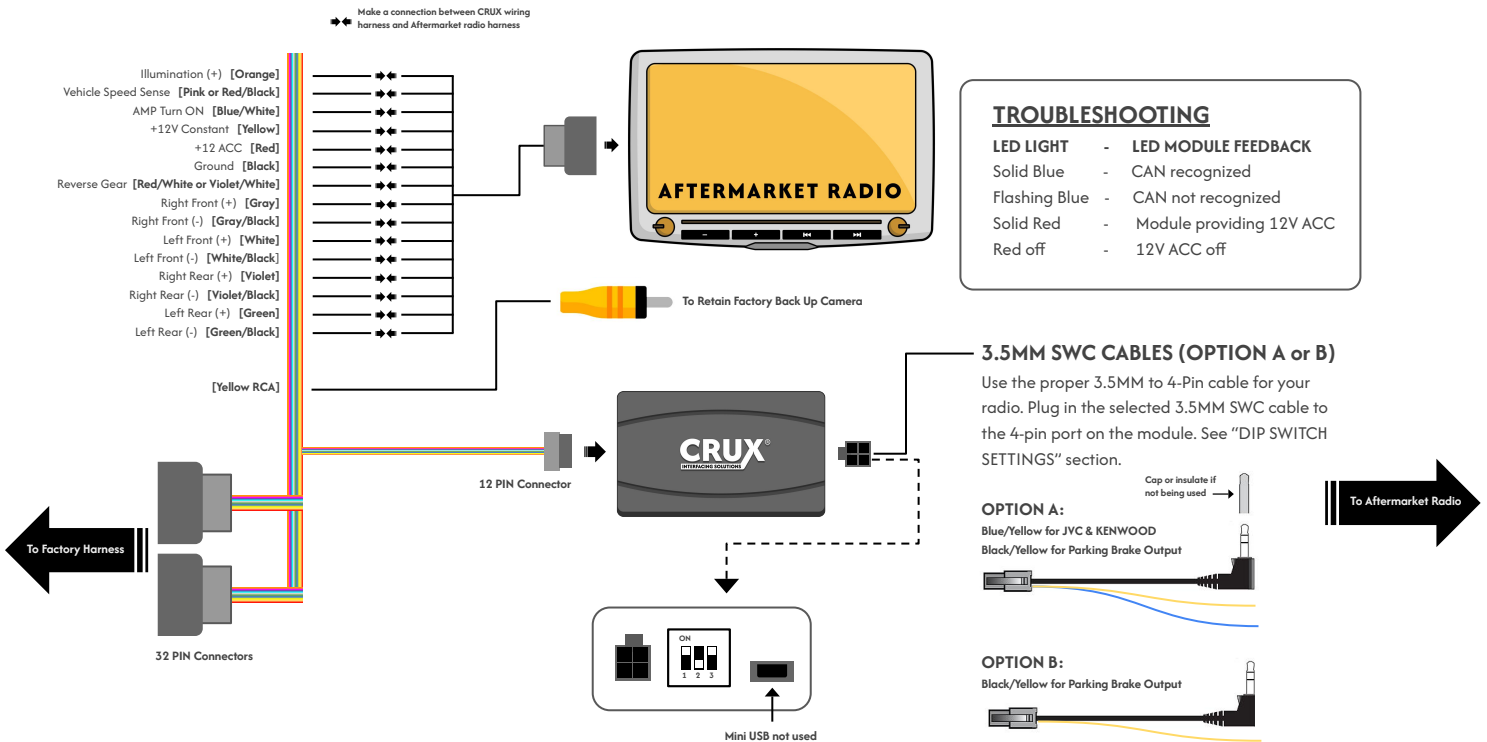


SWC Cables



Universal Radio  
Key A Key B SWC

## INSTALLATION DIAGRAM:



## DIP SWITCH SETTINGS:

### AFTERMARKET RADIO 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 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.

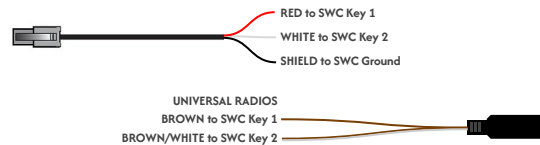
*NOTE: For Atoto, Blaupunkt, Dual, Fahrenheit, Nakamichi, Power Acoustik, Soundstream, and most off-brand radios. Check the aftermarket radio's manual to see if the SWC buttons need to be programmed*

### 3.5MM SWC CABLES

Plug in the 3.5MM to 4-Pin SWC cable to the SWC module or use the Blue/White wire for JVC and Kenwood.

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:

YEARS	MAKE	MODEL	Assigned Firmware:
2021-UP	FORD	E Series (E-350/E-450)	CX-401-A-FORD-E-light
2020-UP	FORD	Eco Sport	SW 2.2.0 (Production Firmware)
2020-UP	FORD	Escape	SW 2.2.0 (Production Firmware)
2020-UP	FORD	F250/F350/F450/F550	SW 2.2.0 (Production Firmware)
2020-UP	FORD	Transit (150/250/350)	SW 2.2.0 (Production Firmware)
2019-UP	FORD	Transit Connect	SW 2.1.7C

*NOTE: Does **NOT** retain SYNC.*



To download the latest firmware for your device, scan the qr code and select the SWRFD-60T on the dropdown menu.



## TROUBLESHOOTING:

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### ▶ START/STOP System

**Issue:**

In vehicles equipped with a factory Start/Stop system, the radio may turn off when the vehicle comes to a stop. When the engine restarts, the radio may remain off instead of powering back on.

**Cause:**

The Start/Stop system temporarily interrupts power, which can affect the radio's operation.

**Solution:**

To prevent this issue, an alternative constant 12V power source must be used.

- Locate a constant 12V source, such as the vehicle's cigarette lighter.
- Route this constant power connection to the module.
- Ensure a secure and proper connection.

Using a constant 12V source will maintain power to the interface and prevent the radio from shutting off permanently during Start/Stop operation.



[For a step-by-step walkthrough of this process, scan the QR code to watch our detailed video tutorial.](#)

### ▶ 2022 & Up Ford Vehicles with 6.5" Screen (54-Pin Sync Module)

#### Backup Camera Retention

**Note:**

The backup camera video wires are NOT included in the plug-and-play harness for these vehicles.

**Wiring Required:**

To retain the factory backup camera, a manual connection must be made at the vehicle's 54-pin Sync module.

- White/Green = Video (+)
- Blue/Gray = Video (-)
- Black = Shield

Carefully tap into these wires and ensure all connections are secure and properly insulated. This step is required for proper backup camera functionality.



[For a step-by-step walkthrough of this process, scan the QR code to watch our detailed video tutorial.](#)