# DKSU-38B

Radio Replacement with Dash Kit
for Select Subaru Vehicles 2008 - 2015

**PRODUCT MANUAL**
**VER.111826**

## CONTACT


**ADDRESS:**

**CRUX Interfacing Solutions**
21541 Nordhoff St. Unit C,
Chatsworth, CA 91311

**PHONE:**

(818) 609-9299

**E-MAIL:**

support@cruxinterfacing.com
sales@cruxinterfacing.com

**WEBSITE:**

www.cruxinterfacing.com

## PRODUCT FEATURES:

- Retains factory features in select Subaru vehicles while functioning with an aftermarket radio.
- Pre-programmed to retain factory Steering Wheel Controls.
- Includes Dask Kit (double DIN or single DIN with pocket)

## PARTS INCLUDED:



Module



Harness

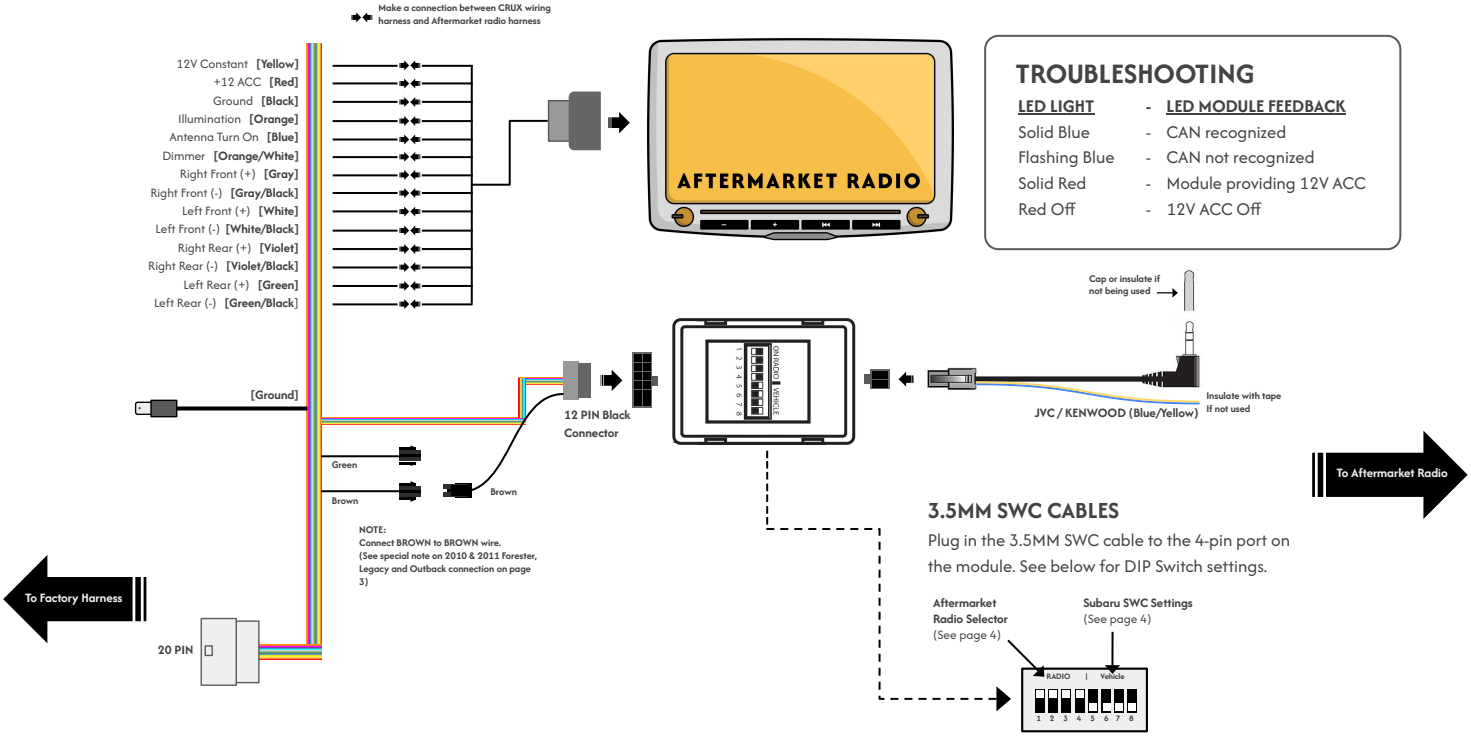


SWC Cable



Dash Kit

## INSTALLATION DIAGRAM FOR NON-AMPLIFIED VEHICLES:



# 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, 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.*

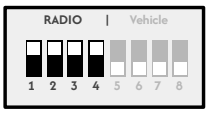
***UPDATE****: For Dual model number XDCP97BT, set DIP switches to OFF ON OFF OFF.*

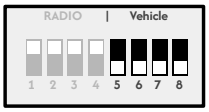
**SWC TROUBLESHOOTING OPTION**




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.

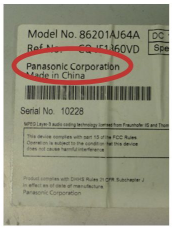



**Troubleshooting for SWC Learning Radios**

## SUBARU STEERING WHEEL CONTROL DIP SWITCH SETTINGS:

| SUBARU | DIP#: | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|
| **Panasonic** made Radio | | ON | OFF | ON | OFF |
| **Clarion** made Radio* | | ON | OFF | ON | OFF |
| **Clarion** made Radio** | | OFF | ON | OFF | ON |
| **Fujitsu Ten** made Radio | | OFF | ON | OFF | ON |










*For steering wheels without pickup and hangup phone buttons.
**For steering wheels with pickup and hang up phone buttons.

### 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 (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 | MODEL |
|---|---|
| 2009 - 2013 | **FORESTER** |
| 2008 - 2014 | **IMPREZA (WRX)** |

## SPECIAL NOTE ON 2010 & 2011 FORESTER

For the year model Subaru vehicles listed above, check the factory radio harness if it has a GREEN/YELLOW wire across the BROWN wire on the CRUX harness (see diagram A). If it has a GREEN/YELLOW wire disconnect the BROWN wire 2 pin connector (diagram B). Set DIP switches 5 to 8 to: **ON OFF ON OFF.**

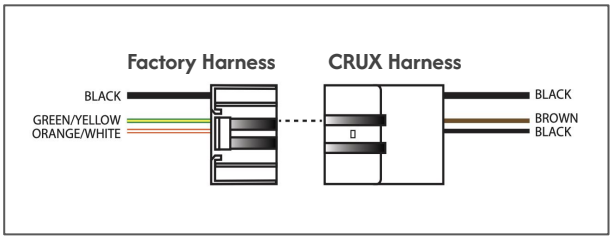



Diagram A

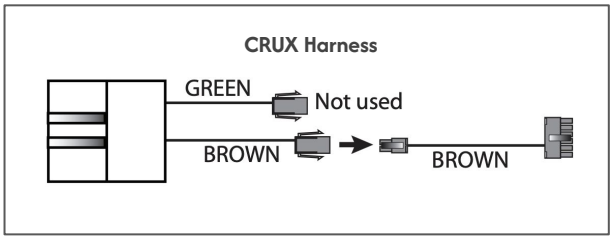



Diagram B

## DASH KIT INSTALLATION:

### FACTORY RADIO REMOVAL

1. Open the passenger-side door and remove the dashboard end cover to access the Phillips-head screw securing the right side of the vent/trim panel.
2. Remove the screw, then carefully release the trim panel, starting at the air vent and working toward the radio. Only release the clips up to the left side of the radio. The panel does not need to be completely removed; simply move it aside.
3. Carefully detach and remove the vent/radio trim bezel.
4. Remove the four (4) Phillips-head screws securing the factory radio to the dashboard. Pull the radio forward, disconnect all wiring harnesses and the antenna connection, then remove the radio.

### SINGLE-DIN INSTALLATION

1. Position the left and right mounting brackets at the rear of the Dash Kit main frame. Secure them using the four (4) supplied Phillips-head screws.
2. Insert the storage pocket into the lower section of the mounting brackets until it locks into the rear support tabs.
3. Position the aftermarket Single-DIN radio between the ISO mounting brackets. Loosely secure it using the radio manufacturer's screws, if compatible, or the hardware supplied with the kit.
4. Adjust the radio forward or backward to achieve the desired position. Once properly aligned, tighten all mounting screws.

### DOUBLE-DIN INSTALLATION

1. Attach the left and right ISO mounting brackets to the rear of the Dash Kit main frame using the four (4) supplied screws. Remove the designated bracket tabs as needed to accommodate the Double-DIN radio.
2. Position the aftermarket Double-DIN radio between the ISO mounting brackets. Loosely secure it using the radio manufacturer's screws, if compatible, or the hardware supplied with the kit.
3. Adjust the radio forward or backward to achieve the desired position. Once properly aligned, tighten all mounting screws.
4. (Recommended) Attach a rear support bracket to the back of the radio and adjust it as needed to provide additional support.

