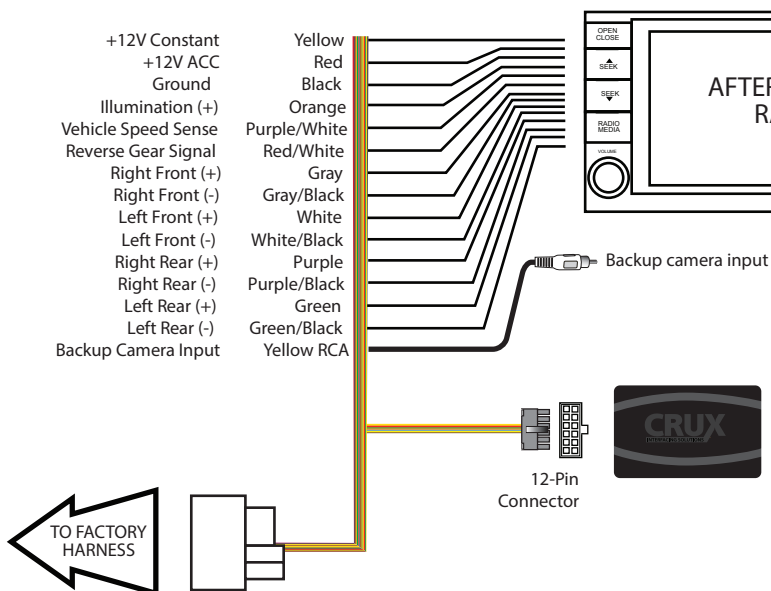


- Retains factory features in select Volkswagen vehicles while functioning with an aftermarket radio.
- Retains factory Steering Wheel Control functions.
- Retains factory backup camera.

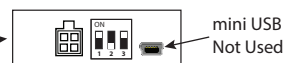
1. Driver information display will show the last information that was shown prior to removing the factory radio.
2. This interface does not retain the factory Bluetooth or Sirius Satellite Radio.
3. Not compatible with amplified systems.

Wiring diagram for the backup camera input of the Pioneer AVH-P1000. The diagram shows a multi-pin connector on the left with 14 wires, each labeled with a function and a color. The wires are: Yellow (+12V Constant), Red (+12V ACC), Black (Ground), Orange (Illumination (+)), Purple/White (Vehicle Speed Sense), Red/White (Reverse Gear Signal), Gray (Right Front (+)), Gray/Black (Right Front (-)), White (Left Front (+)), White/Black (Left Front (-)), Purple (Right Rear (+)), Purple/Black (Right Rear (-)), Green (Left Rear (+)), Green/Black (Left Rear (-)), and Yellow RCA (Backup Camera Input). On the right, a panel shows buttons for OPEN, CLOSE, SEEK, and TUNING, a RADIO MEDIA button, and a circular backup camera input port. A label 'AFTER R' is partially visible.

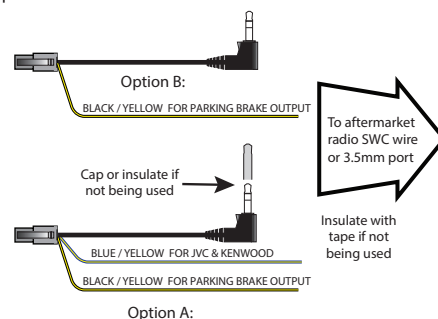
Function	Color
+12V Constant	Yellow
+12V ACC	Red
Ground	Black
Illumination (+)	Orange
Vehicle Speed Sense	Purple/White
Reverse Gear Signal	Red/White
Right Front (+)	Gray
Right Front (-)	Gray/Black
Left Front (+)	White
Left Front (-)	White/Black
Right Rear (+)	Purple
Right Rear (-)	Purple/Black
Left Rear (+)	Green
Left Rear (-)	Green/Black
Backup Camera Input	Yellow RCA



LED LIGHT	LED MODULE FEEDBACK
Solid blue	CAN recognized
Flashing blue	CAN not recognized
Solid red	Module providing 12V ACC
Red off	12V ACC OFF



Use the proper 3.5MM to 4-Pin cable for your radio.
Plug in the selected 3.5MM SWC cable to the 4-pin port on the module. See "DIP SWITCH SETTINGS" section.



SETTING THE AFTERMARKET RADIO BRAND

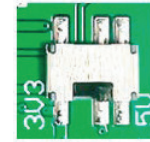
This step is done on the SWRVW-52B Module. With the key in the off position, set the DIP switches to the corresponding radio listed below.

RADIO BRAND:	DIP#:	1	2	3
Atoto, Dual, Fahrenheit, Jensen		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		OFF	ON	OFF

SWC MODULE
DIP SWITCH



SWC Troubleshoot 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, Power Acoustik, Soundstream, and most off-brand radios, check the aftermarket radio's manual to see if the SWC buttons need to be programmed.

4- PIN SWC CABLE

Use the proper 3.5MM to 4-Pin SWC cable for the aftermarket radio you are using.

OPTION A is used for ALPINE, CLARION. For JVC and KENWOOD use the Blue/Yellow wire.
OPTION B is used for ATOTO, BLAUPUNKT, BOSS, DUAL, FARENHEIT, JENSEN, POWER ACOUSTIK, PIONEER, SONY, SOUNDSTREAM and Most Off-Brand Radios.

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 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:

VOLKSWAGEN

2019 – 2023	Arteon (w/o AMP)	2015 – 2021	GTI
2018 – 2023	Atlas	2016 – 2023	Jetta
2016 – 2020	Beetle	2019 – 2023	Jetta GLI
2016 – 2018	CC	2015 – 2019	Passat
2016 – 2018	GLI	2022 – 2023	Taos
2015 – 2021	Golf	2016 – 2023	Tiguan
2017 – 2019	Golf Alltrack		
2015 – 2019	Golf R		
2015 – 2019	Golf Sportswagen		



2017 Beetle Radio



STEERING WHEEL CONTROL TROUBLE SHOOTING:

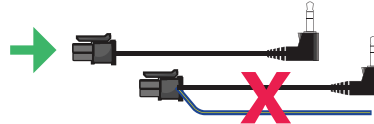
Note: Identify Alpine SWC learning radios by checking for three SWC cables and a SWC learn menu, instead of a 3.5mm SWC input.

If Interface has one SWR-100 Cable included

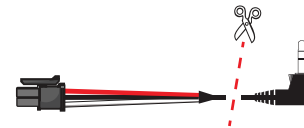
If Interface has two SWR Cables included

1 - Find the included SWC adapter cable.

1 - Identify appropriate SWC adapter cable.
 Do not use cable with Blue / Yellow wire.



2 - **Prepare the SWC Cable:** Cut the SWC cable. You will find a red wire, a white wire, and a ground (shield) wire inside.



3 - **Adjust the Module Settings:** Set the module to the Pioneer dip switch setting. This configures the module to communicate correctly with the Alpine radio.

On Alpine iLX series radios use Pioneer settings

DIP:	1	2	3
	OFF	ON	ON



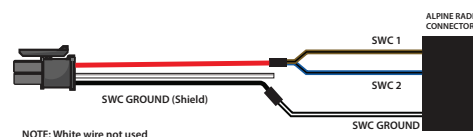
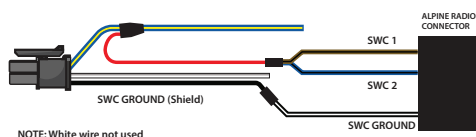
4 - **Configure the Alpine Radio:** On your Alpine radio, select the setting that includes "Without adapter" for SWC. This ensures the radio will recognize the steering wheel controls.

Select "SWC Adapter"



Select the setting "Without Adapter"

5 - **Connect the Wires:** Connect both the SWC1 and SWC2 wires from aftermarket radio to the red wire from our SWC cable. Connect the SWC ground wire to the shield (ground) wire of our SWC cable. These steps should enable the steering wheel controls on your Alpine iLX series radio.



6. **Program the SWC:** Navigate to the SWC settings on your Alpine radio to assign and test each control function.

