

Product Features

- Retains factory features in select Volvo vehicles while functioning with an aftermarket radio.
- Retains Steering Wheel Controls via built-in, pre-programmed interface
- Supports amplified and non-amplified systems.
- EIA color coded wiring for easy installation.

Vehicle Applications

VOLVO

2001 - 2004	S40	2001 - 2007	V70*
1999 - 2009	S60	2001 - 2007	XC70*
1999 - 2005	S80	2002 - 2012	XC90*/**
2001 - 2004	V40		

Notes

1. *Compatible with CAN based vehicles only (2nd Generation / Type P26).
2. ** NOT Compatible with LIN bus and Fiber-optic systems. Please verify prior to installation.

Parts Included

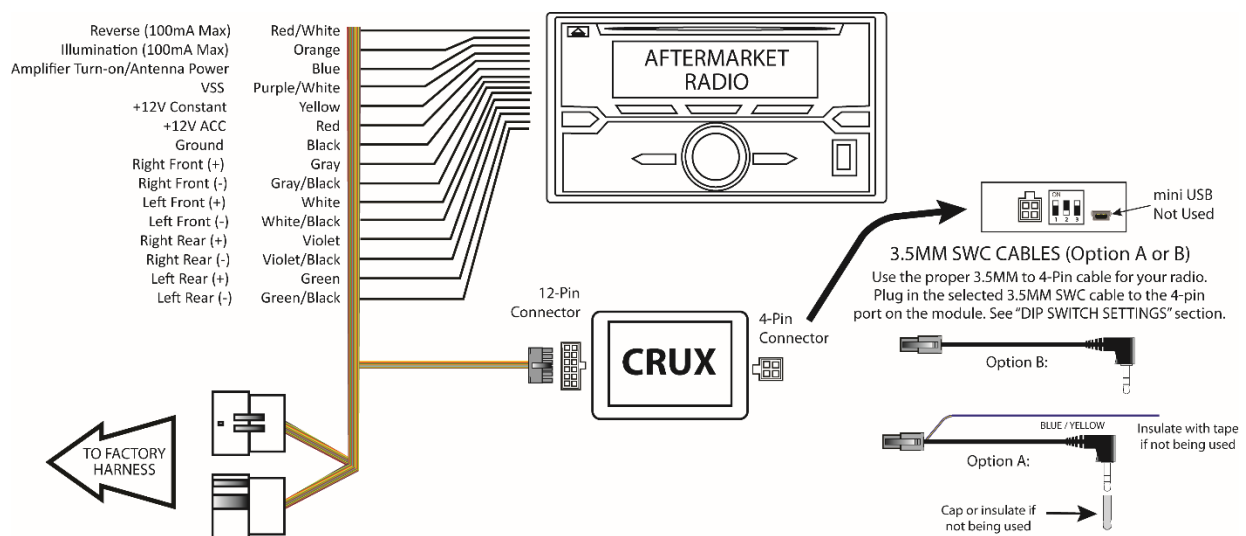


VL-54 Module



VL-54 Harness

Installation Diagram

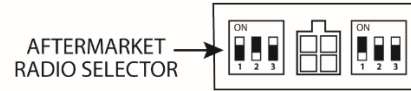


DIP Switch Settings

SETTING THE AFTERMARKET RADIO BRAND

This step is only necessary if the vehicle has steering wheel controls and you are installing one of the radios listed. With the key in the off position, set the DIP switches to the corresponding radio listed below.

RADIO BRAND:	DIP:	1	2	3
Fahrenheit, Jensen, Pioneer		OFF	ON	ON
Power Acoustik, Sound Stream		OFF	ON	ON
Alpine		OFF	OFF	OFF
Clarion		ON	ON	OFF
Kenwood		ON	ON	ON
JVC		ON	OFF	ON
Sony, Boss		ON	OFF	OFF



3.5MM SWC CABLE

The SWRVL-54 Module allows for both types of connections:

- OPTION A** is used for ALPINE, CLARION, JVC, and KENWOOD units (Blue/Yellow wire is attached)
- OPTION B** is used for BOSS, DUAL, FAHRENHEIT, JENSEN, POWER ACOUSTIK, PIONEER, SONY and SOUND STREAM units.

NOTE: Cap or insulate the 3.5mm plug or Blue/Yellow wire if not being used.

BOSS Radio SWC Programming

SWC Radio Wiring connection

- SWC Key1 (Brown-wire) connect to Female 3.5 mm Jack - Brown wire
- SWC Key2 (White-wire) connect to Female 3.5 mm Jack - Brown/White wire
- SWC GND (Black-Wire) connect to Radio Negative wire (Black)

Programming the Radio

Press: [SETTING] > [STEER] > [RESET] > [High Z]

Press the Steering Wheel Control (SWC) buttons set the values as listed below:

Vol - [4.07]

Vol + [3.66]

Seek - [3.37]

Seek + [2.98]

Mode [1.39]

OFF Hook [0.00]

The Value in the bracket [X.XX] will vary and will be used as parameter for each assigned function.

Press: [Assign] > [4.07] > [Vol-], then the [4.07] will be replaced with [Vol-]

With [Assign] highlighted:

Press: [3.66] > [Vol+], then the [3.66] will be replaced with [Vol+]

Press: [3.37] > [Seek-], then the [3.37] will be replaced with [Seek-]

Press: [2.98] > [Seek+], then the [2.98] will be replaced with [Seek+]

Press: [1.39] > [Mode], then the [1.39] will be replaced with [Mode]

Press: [0.00] > [Call], then the [0.00] will be replaced with [Call]

Press: [Enter] for Save the setting and Exit

USING A RELAY

The module is rated at up to **2A** max power output. For applications demanding a continuous output of 3A or more, we recommend using a standard Bosch (SPDT) relay.

