

VOLVO AUDIO SYSTEM EXPANSION

V.A.S.E V1 Module Installation & Operation Instructions

● Introduction

Thank you for the purchase of the first edition V.A.S.E module! This V1 unit has many features which we believe put it beyond the capabilities of similar outdated products on the market. These V1 units feature AUX input, as well as a powered USB port. This port can be used to power a bluetooth to AUX adapter. This design was chosen so that a Bluetooth version was not hard programmed to the module, allowing you to upgrade or expand your audio system over time. We have tested these modules for over a year to ensure compatibility, however if problems with the unit arise we encourage buyers to reach out to us directly via the NordCarolina contact page.

● Features

The VASE unit has a single AUX input which will function when the connected radio is set to a CD changer setting. The USB port is designed to provide power, but does not transfer data. This design allows for the addition of a Bluetooth to AUX adapter without the need for any extra power source. Any Bluetooth audio receiver (USB powered) with an AUX (3.5mm jack) should work with this device. This device does not support the Next Track & Prev. track functionality.



The V1's USB port is designed for low power bluetooth adapters 130mA MAX, and can NOT be used for charging or powering devices such as phones. If this limit is reached the device will stop working and will not function until the high power device is removed!

● Compatibility

The V1 is designed to work with OEM "SC" Volvo head units. The device takes the place of the CD Changer, and works with all SC radios ranging from standard 800s to the later 901 units.

Full compatibility list (includes Premium Sound models):

SC-800	SC-801	SC-805	SC-810	SC-811	SC-815
SC-816	SC-900	SC-901			

V.A.S.E V1 Installation Instructions



Make sure all power is off and or disconnected from the radio wiring harness before installation. Failure to take necessary precautions can lead to damage of the device or personal injury!

Step 0

(Volvo 960 only)

- Turn the ignition to position 2 and pull the parking brake. Move the gear lever to neutral. Switch key back off.



Step 1

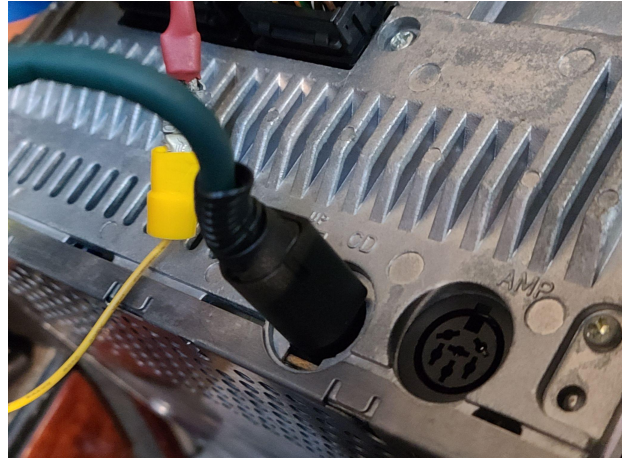
Remove the radio from the dash.

- Push in the two vertical tabs on each side of the radio.
- Pull directly out with both tabs.



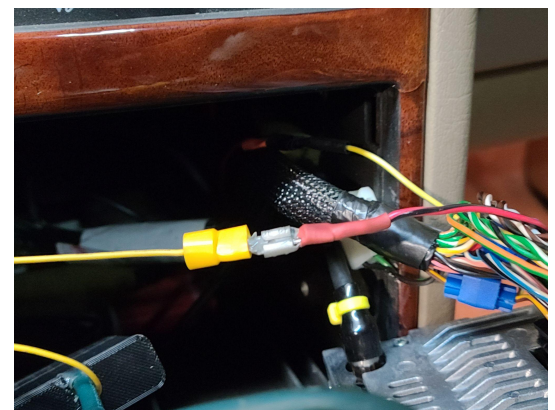
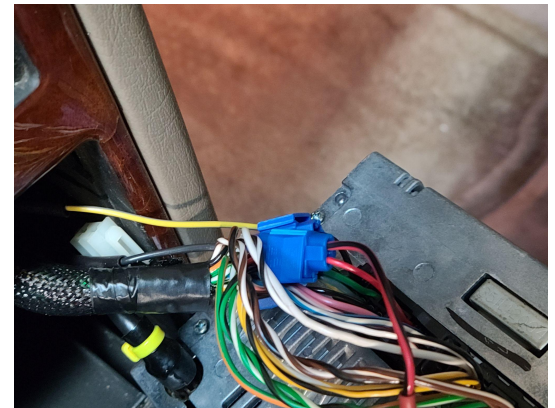
Step 2

- Remove any existing CD changer cable from the port on the rear of the radio. This port is labeled CD.



Step 3

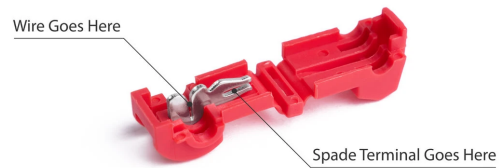
- Using the supplied T-Tap*, connect to the **RADIO ANTENNA**** wire. This is a switched power source, and will prevent the unit from draining the battery while the car is off. This also allows the device to stay powered while switching key positions.
 - On the Volvo 960 this wire is **SOLID RED**
 - On the Volvo 850 this wire is **BLUE/WHITE**
 - On SC-900 & SC-901 radios, use any switch 12v source.
 - Volvo refers to this source as **+ACC**
 - This also applies to all later P80 models.



* See note on T-tap on next page.

** Consult your model's wiring greenbook to confirm wiring location and functionality.

An updated T-Tap is provided with the kit, which varies slightly from the pictured T-Tap above. The new design (see right side image) allows for the use of only 1 blade terminal. However Users may find it helpful to add extra wire length if they plan on tucking the VASE unit elsewhere behind the radio.



Step 3 (Cont.)

- Attach male blade end to power wire on VASE unit.
- Plug male end into T-Taped power wire.



Step 4

- Insert VASE 8-pin connector in CD port on rear of radio.
 - Take note to align the connector as it is keyed to only be inserted 1 way.

Step 5

- Insert Bluetooth USB adapter into USB port, and adapters male AUX cable end into the female port of the VASE unit.
- Alternatively, run male-to-male AUX cable to female port of VASE unit and snake AUX cable out from behind the radio.
- Test functionality of device by switching to CD Changer marked CHGR on radio.
- Screen should now display 1-01.
 - If EEEE is displayed, this means the VASE unit is not being recognized. Check power to device.