

AUXILIARY INPUT ADAPTER INSTALLATION TUTORIAL

Courtesy of: DiscountCarStereo.com

Auxiliary input adapters are passive devices that transfer audio information from any audio device (iPod, MP3 Player, DVD, Game, smartphone etc.) directly to the radios CD Changer or SAT port. Most if not all auxiliary input adapters will require that you disconnect the external cd changer or Satellite tuner. Auxiliary input adapters unlike FM Modulators provide the best sound quality because they connect directly to the radios audio input.

In this tutorial we will illustrate and diagram the installation of iSimple PXDX in a 2008 VW Rabbit. (Dash disassemble instructions also apply in 2005-08 NEW JETTA, 2008 GLI, 2006-08GTI, 2008 R32)

This tutorial can also be used to install any of our auxiliary input adapters in 2002-Up VW with the Double DIN Radio.

Keep in mind that the PXDX is a Universal Auxiliary input adapter and can be used in over 150 vehicles on the road today which means you can switch to another vehicle without having to purchase a new adapter. The only part required to make the transfer is a new vehicle specific harness.

<http://www.discountcarstereo.com/pxdx.html>

PXDX Package contents:

- » AUX2Car interface adapter (3"x 3.25"x 1") x 1
- » RCA to 8-Pin DIN cable (6-inches long) x1
- » 3.5mm jack to 8-Pin DIN cable (6 ft. long) x1
- » User's full text MANUAL and APPLICATION GUIDE x 1

WARNING!!

If the car's battery or the radio power plug is disconnected, the radio will not operate without re-entering the security-code. If you have access to the security-code, feel comfortable disconnecting the battery and the radio power connector. Otherwise, do not disconnect the battery and exercise extreme caution while handling exposed 12V power or ground wires/connectors.

1. Installation at the Radio

In this section you will learn how to install the PXDX behind the radio using the PXHVW3 harness. (See Fig. 1) Installation to the prewired harness in the trunk/hatch is also possible using the PXHVW1.

If your vehicle is equipped with a factory CD changer or other external audio source, you will need to disconnect it from the back of the radio in order to connect the PXDX interface.

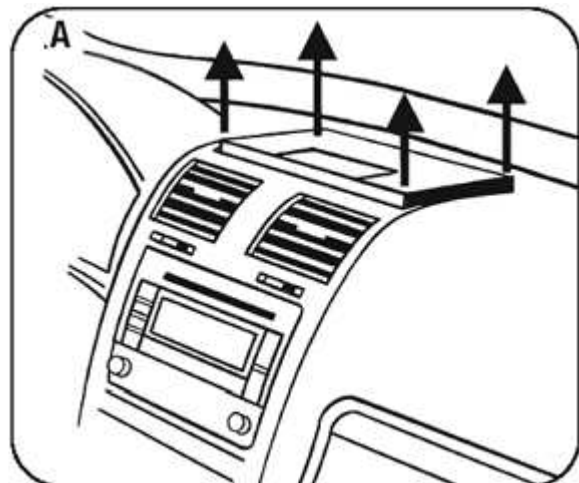
Tools Required:

T-20 Torx Screwdriver
Flat blade Screwdriver or Panel Remover

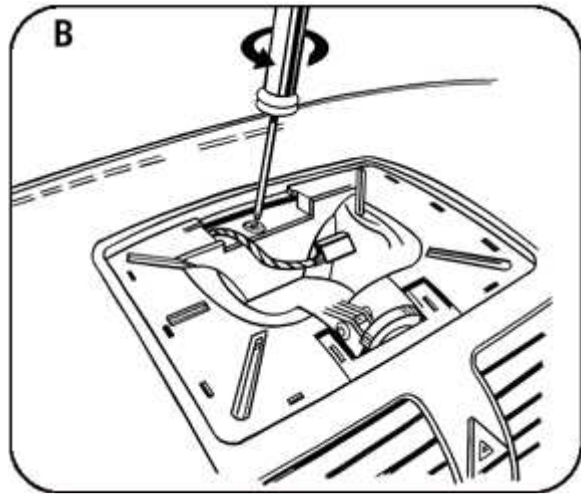
- a. Carefully remove the radio from the vehicle. If your radio uses a Security Code, make sure that you have the code before unplugging the radio.

Disconnect the negative battery terminal to prevent an accidental short circuit.

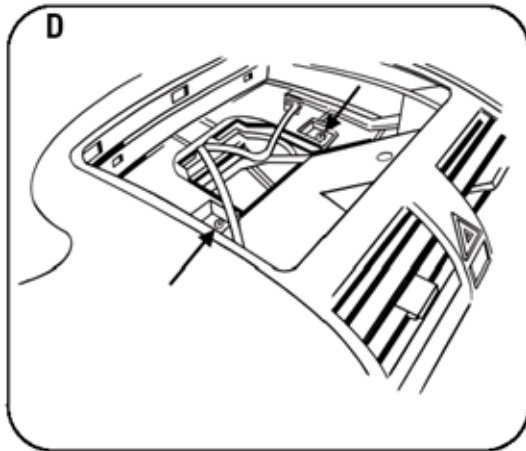
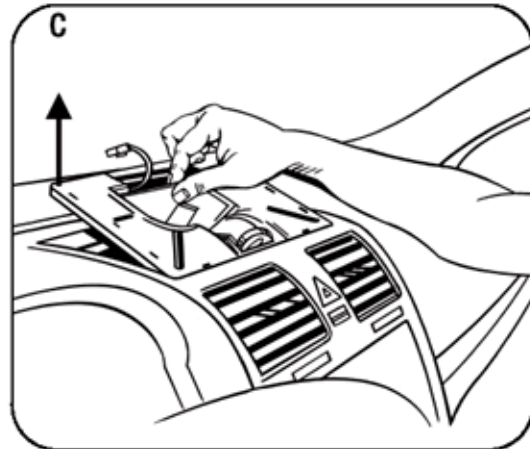
Unclip and remove the grille from the top-center of dash. **(Figure A)**



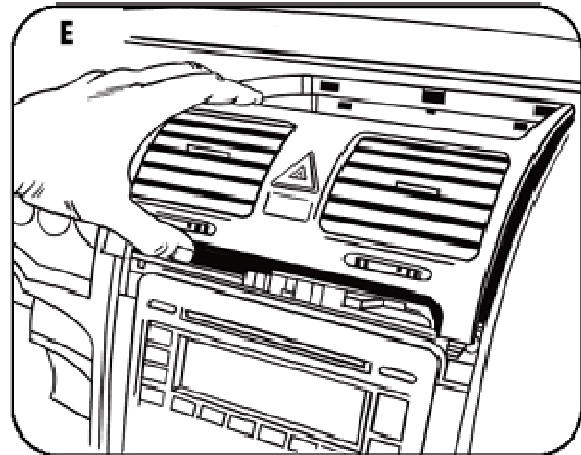
Remove one T-20 torx screw from black insert from under grille removed in step one. **(Figure B)**



Remove insert. **(Figure C)**

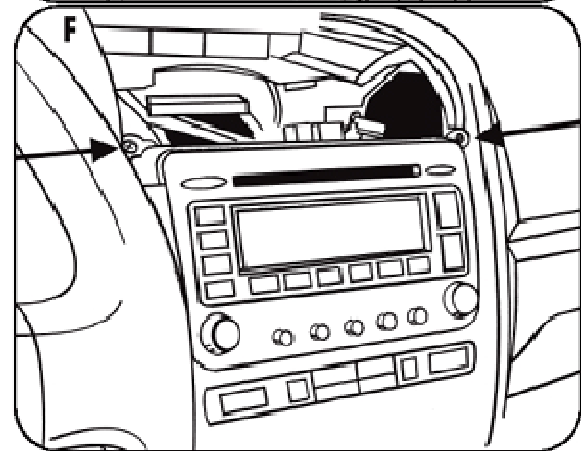


Remove two T-20 torx screws from under black insert removed in step two. **(Figure D)**



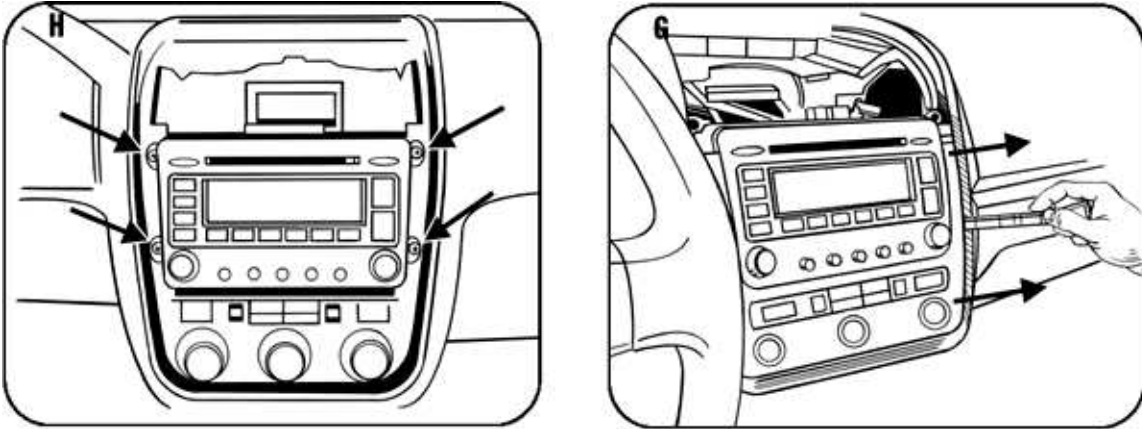
Unsnap and remove the vent assembly above the radio. **(Figure E)**

Remove two T-20 torx screws from top sides of radio/climate panel. **(Figure F)**



Remove panel. **(Figure G)**

Remove four T-20 torx screws to remove the radio. (Figure H)



b) Programming the PXDX

The dip-switches MUST be set before the interface is plugged into the vehicle. Otherwise the PXDX will not work correctly.

To program the interface, set the dip-switches located on the side of the interface (see Fig.1 below) to the configuration listed for your vehicle in the online application guide. In the case of VW Dip switches 1, 4 and 8 are "ON". Switches are in their default setting of "off" in the up position and are turned "on" when switched down. This programs the PXDX to the vehicle it is being installed in.

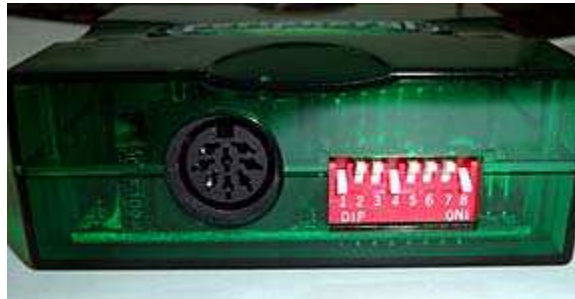


Fig. 1

c. Connect the 12-pin plug of the Vehicle Specific Harness (See Fig. 2) to the CD changer port on the back of the radio. Be sure to make a firm connection but do not force it. (See Fig. 3) If there is difficulty making the connection, please consult the application guide to confirm your vehicle specific harness selection. This is a good time to locate a ground for the black wire. This step is REQUIRED.



Fig. 2

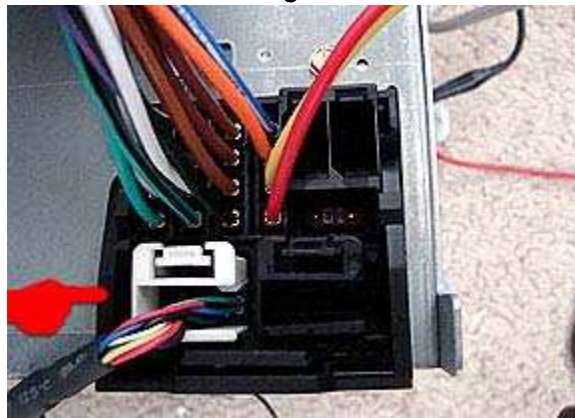


Fig. 3

d. Connect the other end of the Vehicle Specific Harness (See Fig. 2) to the PXDX. Be sure to make a firm connection but do not force it. (See Fig. 4)



Fig. 4

e. Now that the interface is connected to the radio, you should test the operation of the interface before permanently running the cable or re-assembling the dash. Connect the RCA cable (See Fig. 5) or 3.5mm cable (See Fig. 6) with the 8-PIN DIN connector to the PXDX. Connect the other end to the audio device (i.e. iPod, DVD player, Sat radio etc.)



Fig. 5



Fig. 6

f. Turn on the factory radio and press the “CD” button to activate the factory CD changer. The “CD” button on the VW Radio cycles the internal cd and external cd modes and requires pressing it twice to select the PXDX interface. It may take up to three minutes for the interface to initialize to the radio (this only happens the very first time you select the interface).



Fig. 7

g. Once the PXDX has been selected, you should be able to hear the music from your auxiliary source through your factory radio. If the audio level from the PXDX auxiliary input source is low, turn dip switch #6 ON to increase the level. With the operation of the interface confirmed, you may continue with the installation.

h. Run the RCA cable from the interface to the desired location. Use caution to not cut, pinch, or crimp the cable during this step. Avoid moving parts, vehicle wiring harnesses and areas of excessive heat when routing the cable.

i. Secure the interface in the dash cavity behind the radio using; double sided tape, Velcro or wire ties. Make sure to check for proper clearance and avoid moving parts. Take into account the size of the interface and the wire harness and do not force the interface and harness into a space that is too tight, damage to the harness may result.

g. Now that the interface is secured and the cable has been run, you may reinstall the radio and replace any panels that may have been removed to access the radio.

These installation steps are also helpful when installing the following adapters:

PIE VW02-AUX, PXAUX <http://www.discountcarstereo.com/pxaux.html>
 VW/M-LINK1 V.5 <http://www.discountcarstereo.com/vw-m-link1-v.5.html>
 PXAMG-VW <http://www.discountcarstereo.com/iSVW571.html>
 VW12/POD-AUX <http://www.discountcarstereo.com/VW12/Pod-AUX.html>