



Installation instructions for VWT0-01

VWT0-01

VW CAN-data interface 2002-up

FEATURES

- Provides accessory (12-volt 10-amp)
- Retains R.A.P. (retained accessory power)
- Provides NAV outputs (parking brake, reverse, and speed sense)
- Prewired ASWC-1 harness (ASWC-1 sold separately)
- High level speaker input
- Retains fade* and balance (*Fender systems will not retain this function)
- Adjustable gain control for overall volume (on amplified systems)
- Used in non-amplified or amplified models (including Fender sound systems)
- Micro “B” USB updatable

APPLICATIONS

See inside front cover

INTERFACE COMPONENTS

- VWT0-01 interface • VWT0-01 harness
- 16-pin harness with stripped leads

TOOLS REQUIRED

- Cutting tool • Crimping tool • Tape • Connectors
- (example: butt-connectors, bell caps, etc.)

CAUTION: Metra recommends disconnecting the negative battery terminal before beginning any installation. All accessories, switches, and especially air bag indicator lights must be plugged in before reconnecting the battery or cycling the ignition.

NOTE: Refer to the instructions included with the aftermarket radio.



VWTO-01

Applications

VOLKSWAGEN

Beetle	2012-up
CC	2009-up
EOS	2007-up
Golf (double DIN models only)	2002
Golf, Golf R	2003-2014
GTI	2002-up
Jetta (double DIN models only)	2002
Jetta, Jetta GLI	2003-up
Jetta SportWagen	2010-up
Passat	2002-up
Rabbit	2007-2009
Tiguan	2009-up

Connections to be made

From the 16-pin harness to the aftermarket radio

- Connect the (2) **Red** wires to the accessory wire.

***Note:** If installing the ASWC-1, there will be an accessory wire in the 12-pin ASWC-1 pre-wired harness to connect as well.*

- Connect the **Orange/White** wire to the illumination wire. (If the aftermarket radio has no illumination wire, tape off the **Orange/White** wire).
- Connect the **Blue/White** wire to the amp turn on wire (In models with a Fender amp, this wire must be connected to hear sound from the factory amplifier).

Tape off and disregard the following wires, they will not be used in this application:

- **Brown, White, White/Black, Gray, Gray/Black, Green, Green/Black, Purple, Purple/Black**

The following wires are for aftermarket multimedia/navigation radios that provide these wires (if not required, tape them off and disregard them):

- Connect the **Light Green** wire to the parking brake wire (if applicable and not available on manual transmission).
- Connect the **Blue/Pink** wire to the speed sense wire (if applicable).
- Connect the **Green/Purple** wire to the reverse wire (if applicable).

From the VWTO-01 harness to the aftermarket radio

(a) From the 16-pin harness:

- Connect the **Black** wire to the ground wire.
- Connect the **Yellow** wire to the battery wire.
- Connect the **Blue** wire to the antenna turn-on wire.



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Connections to be made

- Connect the **White** wire to the left front positive speaker output.
- Connect the **White/Black** wire to the left front negative speaker output.
- Connect the **Gray** wire to the right front positive speaker output.
- Connect the **Gray/Black** wire to the right front negative speaker output.
- Connect the **Green** wire to the left rear positive speaker output.
- Connect the **Green/Black** wire to the left rear negative speaker output.
- Connect the **Purple** wire to the right rear positive speaker output.
- Connect the **Purple/Black** wire to the right rear negative speaker output.

(b) From the 12-pin harness (ASWC-1 pre-wired harness):

- This harness is to be used in conjunction with the optional ASWC-1 (not included) to retain steering wheel controls. If the ASWC-1 is not being used, disregard this harness. If it will be used, please refer to the ASWC-1 instructions for radio connections and programming.

Note: *Disregard the harness that comes with the ASWC-1.*

- Connect the **Red** wire to the accessory wire.

Installing the VWTO-01

With the key in the off position:

- Connect the 16-pin harness into the interface.
- Connect the 22-pin harness into the interface.
- Connect the 16-pin harness into the vehicle.
- With all connections completed, reconnect the negative battery terminal.

Initializing and adjusting the VWTO-01

- Initialize the interface by turning the ignition on for 30 seconds, then turn the ignition back off, then back on again.
- If the speakers are too loud, or not loud enough, you can adjust the output by following the steps below:
 - 1) Locate the end of the VWTO-01 with the 16-pin harness with stripped leads.
 - 2) Using a small flat-blade screwdriver, turn the gain knob clockwise to make it louder; counterclockwise to make it lower.

After the interface is initialized, connect the ASWC-1 into the 12-pin harness of the VWTO-01 and refer to the ASWC-1 instructions.