Volkswagen SWC (Steering Wheel Control) and Data Interface 2002–2017

INTERFACE FEATURES

- Provides accessory power (10-amp)
- Provides wires for multimedia radios (park brake, reverse, speed sense)
- Used in both amplified and non-amplified systems*
- Retains audio controls on the steering wheel
- Designed to be compatible with all major radio brands
- Auto detects vehicle type, radio connection, and preset controls
- Ability to dual assign steering wheel control buttons
- Retains memory settings even after battery disconnection or interface removal (non volatile memory)
- Provides illumination output
- Micro-B USB updatable

* Excluding Fender audio systems

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INTERFACE COMPONENTS

- AXTC-VW1 interface
- AXTC-VWI harness
- 3.5mm adapter

TOOLS & INSTALLATION ACCESSORIES REQUIRED

- Crimping tool and connectors, or solder gun, solder, and heat shrink
- Tape
- Wire cutter
- Zip ties

APPLICATIONS

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</tr>
</thead>
<tbody>
<tr>
<td>Golf (DDIN models only)</td>
<td>2002</td>
<td>Jetta SportWagen</td>
<td>2010-2014</td>
<td></td>
<td></td>
</tr>
</tbody>
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REV. 7/30/19 INSTAXTC-VW1
Connections

- **Reset Button**
- **LED Light**

**Vehicle Connector**

**Radio Connections**
- **Black** - Ground
- **Yellow** - Battery power
- **Red** - Accessory power
- **Orange** - Illumination
- **Blue** - Not used
- **Blue/White** - Amp turn-on
- **Blue/Pink** - VSS/Speed-Sense
- **Green/Purple** - Reverse signal
- **Light Green** - Parking brake
- **Gray** - Front right speaker +
- **Gray/Black** - Front right speaker -
- **White** - Front left speaker +
- **White/Black** - Front left speaker -
- **Green** - Rear left speaker +
- **Green/Black** - Rear left speaker -
- **Purple** - Rear right speaker +
- **Purple/Black** - Rear right speaker -

**3.5mm Adapter (for radios with a wire for SWC)**
- **Boss (with SWC wire):** Key 1 (Gray) - Brown
- **Kenwood / JVC (with SWC wire):** Blue/Yellow - Brown
- **XITE:** SWC-2 - Brown
- **Universal Radio**: Key-A or SWC-1 - Brown
- **Key-B or SWC-2** - Brown/White

*After programming, assign SWC buttons within radio menu.

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*After programming, assign SWC buttons within radio menu.*
Open the driver’s door, and keep open during the programming process.

Cycle the ignition on.

Connect the AXTC-VW1 harness to the AXTC-VW1 interface, and then to the wiring harness in the vehicle.

Locate the Volume Up button on the steering wheel. Program the interface by tapping the Volume Up button at a heartbeat pace until the LED light stops flashing.

The LED light will flash Green & Red while the interface programs the radio to the steering wheel controls. Once programmed, the LED light will go out, then produce a pattern which will identify the radio type installed. Refer to the Radio LED Feedback section under Troubleshooting for radio types.

The LED light will go out, then once again quickly flash Green & Red while the interface programs itself to the vehicle. Once programmed, the LED light will go out again, then turn solid Green.

Cycle the ignition off, then back on.

Test all functions of the installation for proper operation.

Note: Audio Mode must be selected in the MFI menu to allow track up and down to function. Refer to the vehicle owner’s manual for more information.
TROUBLESHOOTING

1. If the interface fails to function, press and release the reset button, then repeat the programming process from step 4 to try again.

2. Final LED Feedback
At the end of programming the LED light will turn Solid Green which indicates programming was successful. If the LED light didn’t turn Solid Green, reference the list below to understand which programming section the problem may stem from.

<table>
<thead>
<tr>
<th>LED Light</th>
<th>Radio Programming Section</th>
<th>Vehicle Programming Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid Green</td>
<td>Pass</td>
<td>Pass</td>
</tr>
<tr>
<td>Slow Red Flash</td>
<td>Fail</td>
<td>Pass</td>
</tr>
<tr>
<td>Slow Green Flash</td>
<td>Pass</td>
<td>Fail</td>
</tr>
<tr>
<td>Solid Red</td>
<td>Fail</td>
<td>Fail</td>
</tr>
</tbody>
</table>

Note: If the LED light shows Solid Green for Pass (indicating everything programmed correctly), yet the steering wheel controls don’t work, check to ensure that the 3.5mm jack is plugged in, and also plugged into the correct jack on the radio. Once corrected, press the reset button, then program again.

Having difficulties? We’re here to help.
Contact our Tech Support line at: 386-257-1187
Or via email at: techsupport@metra-autosound.com

Tech Support Hours (Eastern Standard Time)
Monday - Friday: 9:00 AM - 7:00 PM
Saturday: 10:00 AM - 7:00 PM
Sunday: 10:00 AM - 4:00 PM

Knowledge is Power
Enhance your installation and fabrication skills by enrolling in the most recognized and respected mobile electronics school in our industry. Log onto www.installerinstitute.com or call 800-354-6782 for more information and take steps toward a better tomorrow.

Metra recommends MECP certified technicians

Further troubleshooting steps and information can be located at:
axxessinterfaces.com/product/AXTC-VW1

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