DIY Recipe: Install an Eonon VWX7A Android Head Unit in a 1st-Gen VW Tiguan (2009)



Still streaming Bluetooth through the factory stereo? I swapped the factory RCD 310 in my 2009 Tiguan for the **Eonon VWX7A**, a 9" Android head unit made for the 1st-gen Tiguan. It gives you wireless Apple CarPlay, Android Auto and built-in navigation. Every connector is keyed and it uses the factory quad-lock plug, so it's a beginner-friendly job with a big payoff.

Watch the full install and review: YouTube: EONON Android Headunit | FULL INSTALL & REVIEW

Vehicle	VW Tiguan 5N (2007-2015)
Difficulty	Beginner to intermediate
DIY-ability score	45/50

Parts

- **Eonon VWX7A** head unit package for the 1st-gen Tiguan (the box label reads VWX7A-B). It includes the wiring harness, CANBUS decoder, GPS antenna, external microphone, USB/CarPlay leads and a free reverse camera. **Get it here** and use code **ANGSAVE** for 5% off.
- Optional, to tidy the harness and stop rattles: braided cable sleeve, 10mm cable ties and packaging foam
- Optional, for a custom boot logo: a USB thumb drive formatted FAT32 (I used a SanDisk)

Tools needed for the job

Item	Amazon	AliExpress
46pc Mechanic Toolset	Click to buy	Click to buy
19pc Plastic Pry Tool	Click to buy	Click to buy
10mm Cable ties	Click to buy	N/A
Precision scissors	Click to buy	N/A
Braided cable sleeve	Click to buy	N/A
Sandisk Thumb Drive	Click to buy	Click to buy

Note: The T20 Torx bit you need is part of the 46pc Mechanic Toolset. Optionally, grab a push-pin (the cork-board type) for de-pinning unused RCA jacks.

Affiliate disclosure: I may earn a small commission if you buy through these links, at no extra cost to you.

Steps

1. Get your tools ready

You only need a **T20 Torx** driver and a **plastic pry tool** to get the factory stereo out.



2. Pop off the two plastic panels

Use the pry tool to release the two small panels next to the stereo. Push the tool in and the panel pops off. Each one has four clips.



3. Remove the two Torx screws

With the panels off you can reach two **T20 Torx** screws. Remove both and keep them somewhere safe.



4. Pop out the plastic surround

Carefully pry around the outside of the frame. You can start anywhere. **The hazard-light switch is still connected,** so pull the surround out gently and swivel it up. Then unplug the hazard switch: it has two clips, one on top and one at the bottom. Squeeze both and pull the switch out, then set the surround aside.





5. Remove the four Torx screws

Remove the four **T20 Torx** screws that hold the factory head unit in.

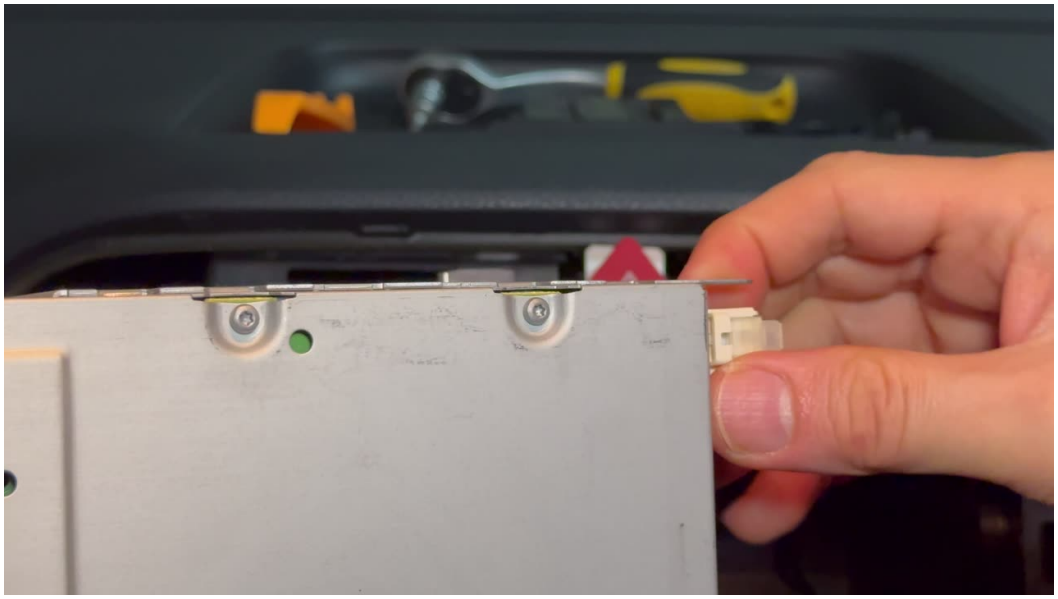


6. Pull out the factory unit and unplug it

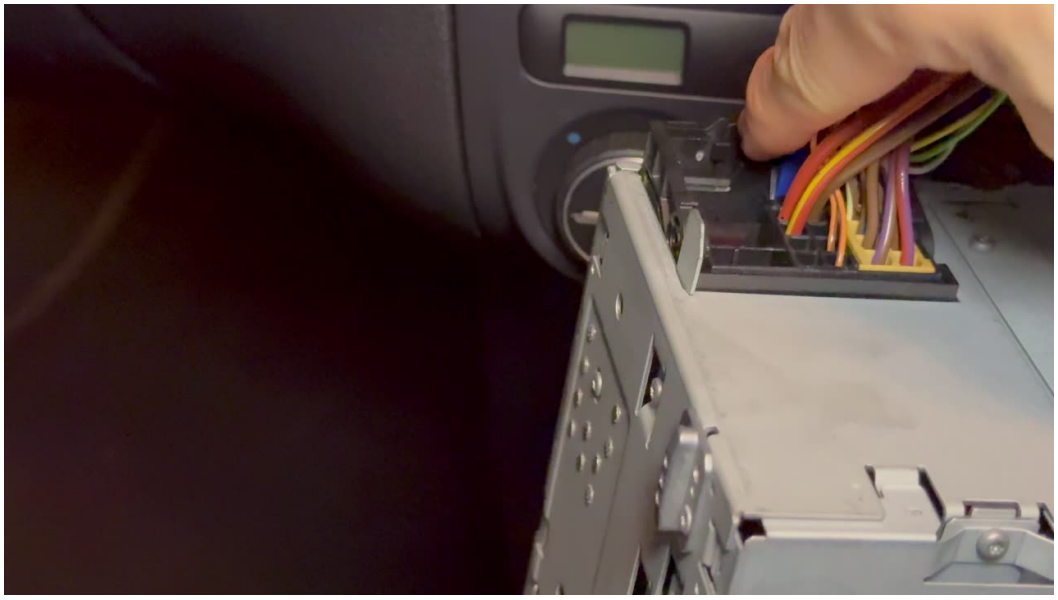
Slide the factory unit out.



6a. Disconnect the Fakra connector. Flip the unit over and you'll see a small white connector on the back. This is the Fakra radio antenna connector. Pull the tab out, then pull the connector off.

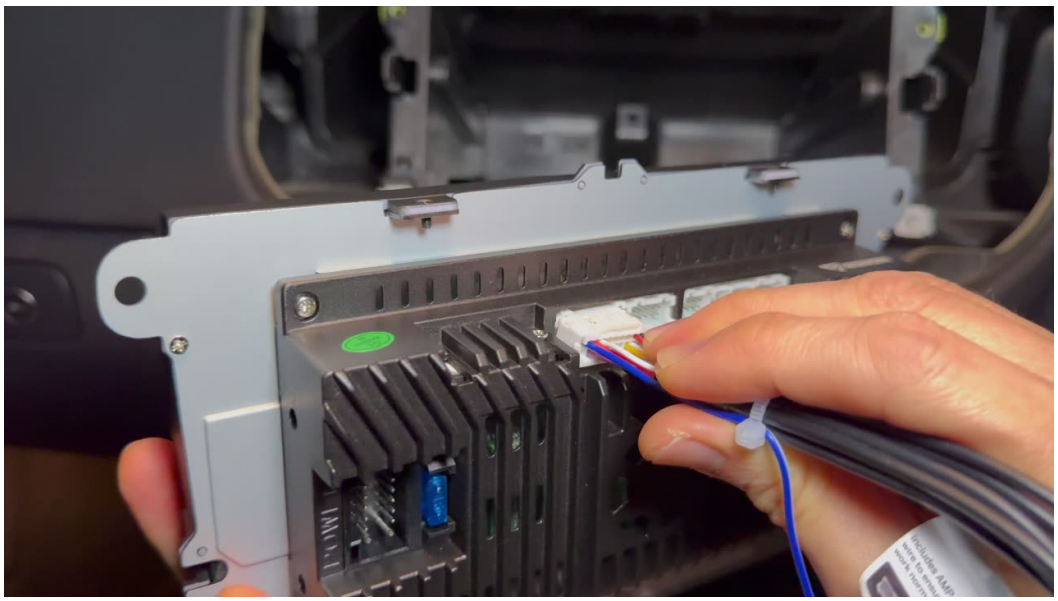


6b. Release the quad-lock. Flip the unit down so you can see the quad-lock connector. Push the small lock clip down to disengage it, then swivel the lever all the way up to release the plug.



7. Connect the Eonon harness

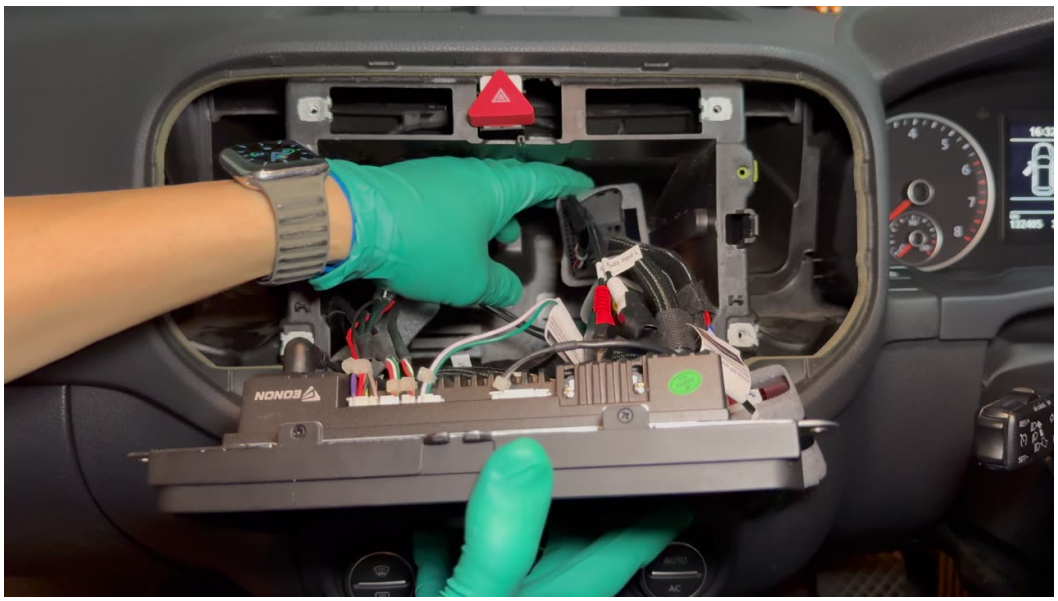
Plug the accessory connectors into the back of the Eonon unit one at a time. **They're keyed, so you can't mix them up.** That covers the main harness, reverse camera, steering-wheel control, CarPlay USB and second USB. Make sure each one clicks in and sits flush. Then connect the main power plug, the radio aerial and the Fakra radio connector.



8. Connect the factory quad-lock and test

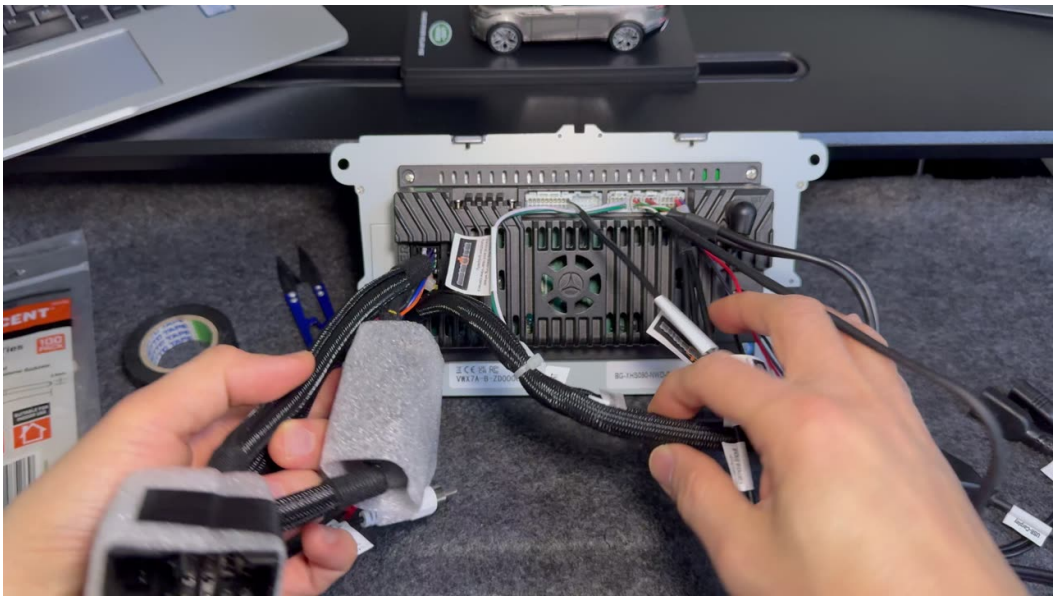
Connect the car's quad-lock plug to the Eonon harness. Line up the swivel lever, close it and check that the connection is fully flush. **Before you close up the dash, test the unit** to check that it powers on.





9. De-pin unused RCA jacks (Optional)

Optional, but worth it if your car has no amp or aux inputs (my Tiguan doesn't): use a push-pin (the cork-board type) to de-pin the unused RCA jacks from the harness so they don't rattle around in the dash. Wrap the loose wires in braided cable sleeve and add foam around hard plastic parts such as the quad-lock. Then route the **GPS antenna** (I mounted mine at the corner of the dash and fished the cable down to the cavity) and the **USB leads** (fed through to the glovebox). Tuck everything neatly into the dashboard cavity.



10. Reassemble

Reverse the steps. Slide the Eonon unit in and refit the four T20 screws. Plug the hazard switch back in, clip the surround back in, refit the two T20 screws, then press the two side panels back into place.



11. Set up the unit

Peel off the screen film. Then set the **CAN type** to match the supplied CANBUS decoder: *Settings → Factory settings → PIN 1234 → CAN type set.* For the full menu reference, including the VW boot logo and the right-hand-drive door-indicator fix, see my **interactive CANBUS Settings guide**.



Tips and warnings

- **Test before you close up.** Power the unit on while the dash is still open.
- **Mind the hazard switch** when you remove the surround. It's still wired in.
- **Keyed connectors:** never force a plug. If it doesn't slide in, it's the wrong port or it's upside down.
- **Stop the rattles:** remove the RCA jacks you don't need and add foam around hard plastic parts.
- The first wireless CarPlay connection took about 50 seconds. After that it connects in about 10 seconds.
- **Safety:** keep the "driving video warning" switched on. Don't enable video in motion.

Coming soon: Part 2, reverse camera

The kit comes with a free reverse camera. Its harness has a pre-wired power plug, so you only need to run one red wire to the reverse trigger. The reverse camera install is coming in Part 2. Stay tuned.

Get the Eonon VWX7A: https://tidd.ly/4haYSX0 | Code **ANGSAVE** (5% off)