EVchip for e-Golf/e-Up manual, v1.0

EVchip for e-Golf/e-Up should be installed to accelerator pedal plug of your e-Golf or e-Up. It does not matter generation or year of production, but there are various settings depending on your driving mood, year of production and type of car.

1. How to set the EVchip for e-Golf/e-Up?

If you want to use EVchip for e-Golf/e-Up as coast-enabled energy saver with increased regen steepness – please use program 1 (factory setting). This program will provide the best results for range and car control.
Alternatively, you can use program 2, where regen is standard.

2. Installation

Connect EVchip for e-Golf/e-Up plug to an accelerator pedal (unplug factory plug from accelerator pedal) – connect delivered plugs to pedal and car side.

 Please follow this video:

https://youtu.be/2IdJURbBJog

- Connect EVchip for e-Golf/e-Up to its plug. Remember to choose EVchip for e-Golf/e-Up working mode before installation with an internal programmer (use Phillips screwdriver to open EVchip for e-Golf/e-Up, a programmer is an orange one.
 EVchip for e-Golf/e-Up can be left at cabin silencer that is installed in all cars under the steering wheel, or you can put it in any place, tightening it to the surface with included zip ties.

3. Switching EVchip for e-Golf/e-Up on and off with accelerator pedal

To switch EVchip for e-Golf/e-Up off or on, please follow this procedure: - the car is off - sit in the car, close door. All doors should be closed, including rear ones. - wait 1 minute or more - press the accelerator pedal to the metal - while keeping the accelerator pushed open drivers' door. - Wait for sound – 2 beeps = EVchip for e-Golf/e-Up is on now. 1 long beep – EVchip for e-Golf/e-Up is off now.

EVchip for e-Golf/e-Up remembers the last setting even if you unplug it from a harness. EVchip for e-Golf/e-Up informs you about the actual setting when you come to the car and open drivers' door (with sound, as described above).

Video with this procedure is here: **https://www.youtube.com/watch?v=nnV4ata_wYE**

4. Fine-tuning of EVchip for e-Golf/e-Up

It is possible that none of the programs installed would fit your needs. You can easily correct program to your needs or write an update, or switch on or off extra regeneration (default is ON) with software from EVchip for e-Golf/e-Up page: **https://evtun.com/evchip-for-e-golf-e-up.html** Please install drivers first, then start the software. There is a separate manual for EVchip for e-Golf/ e-Up Manager software.

5. Some ways to drive smoothly and extend e-Golf/e-Up range:

•Coast as much as possible. Coasting is the most efficient way to move. With EVchip for e-Golf/e-Up it is easy to achieve.

•Coast to a stop: Driving quickly and hard braking at lights and stop signs wastes energy, as mechanical braking will be partially involved then. Releasing the accelerator when recognizing the need to slow down, stops the energy supply and start regeneration. It is even better if you can coast (glide) using EVchip for e-Golf/e-Up coasting option (as described below).

•Accelerate gently, but not too slow. EVchip for e-Golf/e-Up will help you to accelerate with much smoother changes at the dash power meter. Too lazy acceleration may result in forcing EV motor to work in a less efficient area. Same is for too speedy acceleration. Get up to cruising speed at a moderate pace.

•Maintain a constant speed: Keep your momentum by coasting without the power (use "gliding" behaviour of the car by keeping your feet at accelerator pedal a bit so EVchip for e-Golf/e-Up can detect that you want to coast. The fewer times you have to come to a complete stop, the better your mileage will be.

•Anticipate traffic flow: Watch well ahead and be aware of changing lights that will turn red before you get there. •Control pressure of tires. Too low pressure impacts the economy a lot.

6. Troubleshooting

1. I cannot find where to install EVchip for e-Golf/e-Up

At the accelerator pedal (the right one) in the car. The plug is above the pedal assembly, see video: **https://youtu.be/2IdJURbBJog**

2. I cannot disconnect the plug from the accelerator pedal

It works like "press and pulls". Please see how to lock at the plug is built by looking at same lock-in EVchip for e-Golf/e-Up harness. Maybe you need to use a small screwdriver if your fingers are not powerful enough.

3. I'm not sure, where to leave EVchip for e-Golf/e-Up installed?

Put it under sound silencer under the steering wheel, connecting it with tie wraps to any element except moving elements of the steering wheel.

4. Is it obligatory to disconnect car battery (the one under the hood) before installation?

No.

5. I have an error at the dash and car does not want to drive.

Just close your car and leave it for 2-3 minutes – all will be ok then.

6. I do not see any difference after installing EVchip for e-Golf/e-Up (especially no coasting)

It means that your accelerator pedal parameters (voltage levels) are far from standard ones. In that case, EVchip for e-Golf/e-Up is not working for security reasons, showing an error of range in EVchip for e-Golf/e-Up Manager
software. Then please make throttle adaptation, following the procedure described in EVchip for e-Golf/e-Up Manager manual, and all will be ok.

7. I want to reset my EVchip for e-Golf/e-Up, but I have forgotten to save the original setup. What to do?

Download factory setup from EVchip for e-Golf/e-Up page: https://evtun.com/evchip-for-e-golf-e-up.html
(section Downloads) and program it.