



Electric Cars of Springfield, L.L.C.
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ecosmotors.com

Complete bolt-in VW/Porsche Kits

All mechanical and electronic parts in one package to convert your vehicle:

- Motor
- Controller
- Charger
- Battery Instrumentation
- Electrical components

Installation instructions and wiring diagrams supplied
Customer must supply batteries and wire

Fits:

Type 1 (Beetle, Super Beetle, Karmann Ghia) all years

Type 2 (Bus, Vanagon including water-cooled) all years

Type 3 (Squareback, Fastback, Notchback, Karmann Ghia) all years

Type 4 (411, 412) all years

Porsche models 356, 911, 912, and 914 all years

Kit vehicles:

Bradley

Chamonix/Beck

ECOS

EMPI

Factory Five

FiberFab

Manta

Meyers

Sterling/Nova

Also fits foreign VW air-cooled models (Brasilia, SP1, Fridolin, etc.) as well as custom-built buggies, bajas, and sand rails with existing chassis-supported VW/Porsche transaxle.

All the complete kits we have listed on our site are interchangeable between the above vehicles; however they are listed by recommended application. For example, the Porsche kit will install into a VW Beetle without modification.

Kits are designated by physical motor diameter, recommended voltage, and controller amperage. For example, the "VW Type 1 - 8" 96V 550A" consists of the NetGain ImPulse 8 motor with the NetGain WarPcore 550A controller. Recommended voltage is 96 volts. but will work with any 72-120 volt battery pack. If you need assistance in selecting the right kit for your vehicle, please call or email with any questions.

What's not included:

Batteries. Any battery will work, we recommend either 6V flooded lead acid, 12V AGM, or our lithium packs. Use cells with stud terminals rather than posts.

Battery containment. Depending on the cells, you will need to fabricate a way to secure them in the vehicle. We recommend 1" stainless steel angle iron for the brackets, bolted and/or welded together. If you lack the tools or skills, most metal shops can make brackets when supplied with a good sketch and some measurements.

Wire and cable. The location of components varies depending on the vehicle and how you build it, we recommend installing all the batteries and components in the car then measuring for the necessary lengths of cable. Keep them as short as possible, and use 2/0 battery cable. Your local battery shop will be able to make custom lengths with the connectors crimped on. For adjacent battery-to-battery connections, it's best to use solid copper bars.

12v Electrical System. Each vehicle must have its own 12v system, for lights, horn, turn signals, radio, etc. You can use your existing 12v battery system with our 12v charger, alternator kit, or replace your existing 12v battery with a DC-DC converter.

Each of our kits is matched to your vehicle; however, we can custom-build a kit to best suit your EV needs. We also can provide custom transmission adapter plates for just about any vehicle. Just give us a call, we offer full customer service and technical support before, during, and after your build.