



## RW Speedster Electric Kits

### Overview

The RW Speedster Electric is a collaborative development between Rock West Racing and EV West. This collaboration seeks to put drivers into a vehicle that is both historically and aesthetically desirable, as well as environmentally progressive and very exciting to drive. The Speedster Electric is offered in kit form at three levels: Builder, Deluxe and Roller.

### Body/Chassis

- Lightweight fiberglass body as per our standard RW Speedster but with a battery box behind the driver and passenger seats
- Tubular steel chassis modified to accept battery packs directly behind the cockpit seats. The batteries are supported by and mounted to a steel structure incorporated into the chassis. Additionally, the batteries are protected from the environment by a fiberglass battery box integrated with the chassis and body.
- The Speedster Electric uses a standard VW 4 speed transaxle (IRS Type)
- Front suspension is VW Torsion Arm Beam with ride height adjusters
- Rear suspension is VW Independent Rear Suspension (IRS) included in chassis
- Body size and contours very similar to the original Porsche

### Power Train

- Batteries
  - 8 each, lithium ion battery packs. These are repurposed battery packs manufactured by Tesla which have the highest electron density of any commercially made battery in the world.
  - 120 volts, 24 kWh capacity
  - Total Weight: 336 pounds
- Controller
  - Curtis 1238-7601 (inverter)
  - Maximum output voltage: 96 volts
  - Features regenerative braking and vehicle idle functions
  - Liquid cooled
- Motor
  - HPEVS AC-50
  - Type AC induction: Brushless
  - Operates in a 72–108 volt range
  - Produces up 71 horse power and 120 ft lb of torque
  - 10,000 RPM maximum / 5,000 RPM continuous
  - Thermal cooling: Internal Fan
- Other
  - Charge cycle: 8 hours from 100% depletion
  - 12 volt battery required for lighting, gauges, radio

### Specifications & Performance

- Complete vehicle weight: 1,860 lbs | 844kg
- Acceleration: 0 to 60 MPH calculated to be 5 - 6 seconds
- Range: up to 100 miles
- Top Speed: 110 MPH
- Height to windscreen: 48" | 121cm
- Length: 144" | 356cm
- Width: 65" | 165cm
- Wheel base: 84" | 213cm
- Track – front & rear: 52" | 132cm
- Steering: Left-hand std (right-hand optional)



### Pricing

<b>Builder Kit "E"</b> .....	\$12,255
Electric Power Train Kit .....	\$17,995

**Baseline** **\$30,250**

<b>Deluxe Kit "E"</b> .....	\$20,995
Electric Power Train Kit .....	\$17,995

**Baseline** **\$38,990**

<b>Roller "E"</b> .....	\$31,995
Electric Power Train Kit .....	\$17,995

**Baseline** **\$49,990**

# RW Speedster Electric

## Speedster Electric Builder Kit

### Baseline

\$12,255

Intended for those individuals who wish to build a car with their own components, expertise and innovation. This Builder Kit is specific to the electric power train.

#### Builder Kit includes:

- Fiberglass body integrated to the steel chassis
- Chassis includes:
  - Pedal assembly mount
  - Clutch cable tube
  - E-brake cable tubes
  - Shift linkage mounts
  - Clamp brackets for front suspension
  - Rear suspension IRS housing
  - Heater input tubes
  - Throttle cable tube
- Battery pack support structure and environmental close-out
- Modified engine bay and motor cover

- Steering column (installed)
- Doors, rear deck lid and hood are fitted, hinged, and latched. Release mechanisms and cables installed.
- Body molding part-lines and flashings are removed.

#### Not included:

- Hole drilling for switches, lights, gauges, etc.
- Front suspension beam
- Rear suspension torsion bars and trailing arms
- Bumpers or seats

These features are available as upgrades, along with other component options.

## Speedster Electric Deluxe Kit

### Baseline

\$20,995

Intended for those who desire to build their car without having to source components themselves and who would also like to take advantage of some pre-fitting by the Rock West Racing factory.

#### Deluxe Kit includes:

- Builder Kit
- Body will be drilled for gauges, switches, lights, horn grills, trim, mirrors, windshield
- Front beam suspension with ride height adjustment, re-conditioned, German
- New spindles: standard drop, drum brake style
- New steering box, steering shaft coupler and mounting hardware
- New tie rods with ends, pitman arm, steering damper, and hardware
- Rear suspension torsion bars, trailing arms, bearings, bushings, stub axles & hardware
- Wire harness
- Gauge set: specific to the requirement of the electric power train, era recreations made by VDO
- Switches and switch knobs: black or ivory
- Steering wheel: wood rimmed aluminum
- Steering wheel adapter and horn button
- Horn
- Windshield assembly
- Wiper assembly and motor
- Aero mirrors (2) and center mirror
- Interior and exterior door handles, hood handle
- Engine grill and gasket (rear deck lid)
- Head light assembly with clear lenses
- Head lamp and bulb
- Horn grills and gaskets
- Front signal light assemblies
- Rear tail light assemblies: Beehive type

- License plate light/reverse light assembly (shinedown)
- License plate mounting bracket
- Pedal assembly: VW type
- Control cables: throttle, clutch, heater, e-brakes
- Heater control assembly
- Shift lever assembly
- Shift rod assembly
- E-brake lever assembly
- Seat belts (lap only)
- Seats: upholstered in black, tan, or red vinyl
- Dash upholstery and trim
- Door panels and caps upholstered
- Rear cockpit surround upholstered
- Carpet set: square weave German wool with edge binding. Charcoal, red or tan (standard)

#### Not included in the standard price, but available as options:

- Brake system
- Wheel bearings
- Wheels and tires
- Transaxle
- Tonneau cover
- Convertible top
- Body/paint work

## Speedster Electric Roller

### Baseline

**\$31,995**

The Roller is for the individual who has a vision but does not want to carry out the execution and management of a build. For this individual Rock West Racing will paint, assemble and trim out a Speedster Electric to whatever configuration is desired and will also manage the installation of the electric drive train.

#### Roller includes:

- Deluxe Kit
- Additional standard components
  - Car assembly hardware, hydraulic lines, fuel lines, etc.
  - Transaxle – refurbished VW type 1 (Rancho Performance Transaxles)
  - Brakes – VW disc brakes, 4 wheel, 4 bolt lug pattern, operational
  - Wheels – Super Beetle four bolt, painted silver
  - Tires – Pirelli P4 radial black wall
- Electric drive train installation management
- Body work
  - Body paint, non-metallic two part system - color base and clear top coat, wet sanded and polished
- Car assembly
  - Mechanical
  - Electrical
  - Trim

#### Not included in the standard price, but available as options:

- Convertible top with side curtains
- Tonneau cover



## Options & Accessories

- |  |         |   |                  |
|--|---------|---|------------------|
| • Wide-Five disc brake assembly (compete car) .....                  | \$310   | • Tonneau cover .....                                 | \$560            |
| • Wide-Five wheels – silver, China MFG .....                         | N/C     | • Leather upholstery upgrade .....                    | \$1,200          |
| • Wide-Five wheels – silver, USA MFG.....                            | \$744   | • Banjo steering wheel and hub assembly.....          | \$380            |
| • Wilwood, disc brake/aluminum hub, assembly<br>(5 lug modern) ..... | \$1,800 | • MOMO steering wheel – leather wrapped .....         | \$180            |
| • Roll bar – single hoop, silver paint .....                         | \$580   | • Bumper overrides .....                              | Call for pricing |
| • 4 Point racing seat belt set (one set per seat).....               | \$138   | • Custom paint, mixes, metallic, pearls, stripes..... | Call for Pricing |
| • Convertible top with side curtains.....                            | \$1,900 | • Wheel paint – color matched.....                    | \$600            |
|  |         | • Conformal racing mirrors – period styling.....      | \$345            |

*All custom requests are welcome.*