



Zero Emissions, Affordable,
Interchangable & Green.





The wOw vehicle is a tool providing mobility and opportunities for people to make better lives

Designed with affordability in mind, the wOw car allows people who could never previously own a car finally have one to call their own. Not only is the wOw car a safe mode of transportation, but with our modular design, it's also incredibly versatile! People the world over can purchase a wOw car and transform it into an income-earning work vehicle such as a taxi, food vending cart, or a utility/dump truck.

Not only is it versatile and affordable, but the wOw car is also green! With the mission statement of reducing fossil fuel use and cutting CO2 from exhausts, the wOw car runs exclusively on electric power. Not only is the wOw car itself affordable, but it saves its owner from having to ever buy petrol!

The idea of creating an affordable eco-friendly

vehicle came about observing life in Asia. Noticing how large families of 4-6 members squeeze on to one small motorcycle and witnessing the many motorcycle accidents on the street, we found a way to create a much safer and more affordable source of transportation rather than a small unstable motorcycle or scooter.

The wOw Car Project is a worldwide efficiency revolution in automobiles, which ultimately affects their design, manufacture, taxation, ownership and use. It is a wholesale package “automotive paradigm shift” leading to worldwide cuts in congestion, costs and CO2 emissions.

Witnessing the need for change in reducing the consumption of fossil fuels, curtailing the damage to our global climate, as well as reducing congestion on roads in Asia and the world over, the wOw Team went about designing a vehicle that could embody a solution for



The World's First Self Assembled Modular Car

those issues. The result, of course, was the wOw Car. The wOw Car will have a significantly lower number of components, will be constructed so that it can be assembled easily, will weigh as little as possible (and

much less than existing vehicles of a similar size) and will be designed for maximum maneuverability and ease of parking.



Small Foot Print Benefits

Reduces congestion - Its compact size will allow three times more vehicles on the road increasing the capacity and reducing congestion compared to current larger vehicles. wOw Car design footprint will help solve traffic congestion and parking problems that grow worse every year.

- Delays caused by congestion are prominent in urban areas, and easing or eliminating existing congestion on the road network would be worth a significant percentage of domestic product per annum globally.
- 2-3 wOw Cars can easily fit into one standard parallel parking space, tripling much needed urban parking, reducing pressures for inner cities as well as improving traffic flow.
- Despite its compact size (being half the size of the average car) the wOw Car will still achieve the highest safety standards.



Self Assembly Benefits



- SAIG is setting new standards in modular design and global vehicle manufacturing logistic systems. A global network of manufacturers will deliver precisely needed modular design components to distributors.
- Distributors could sell direct at 10% extra savings for self-assembly, or dealers may assemble for 10% more. Micro Financing will be available.
- Designed for easy assembly using very few modular components and simple tools.





Simple Components

- Accident repair costs are kept low by way of replaceable ABS thermoformed plastic body
- Minimal parts and the compact size will support low-cost manufacturing and will significantly reduce life-cycle impacts. A traditional car of comparable size is comprised of thousands of parts needed to assemble. However, the wOw Car is assembled with fewer than 50 components.
- Materials selected will be made from recycled materials where possible and will have the lowest life cycle impact that meets design requirements.
- The compact size will also reduce the size of site needed for final assembly and manufacture. Reduced components will decrease energy used during tooling and fixture manufactures.
- The wOw Car chassis is designed to “flat pack” for shipping. The rest will be able to be box packed and

drop shipped to local dealers from our network of manufacturers.

- At end-of-life, many components will be re-usable including the body panels, modules, and chassis.



Electric Engine = Low Pollution



- Fuel consumption and protection of the environment are priority for all. SAG believes the best solution is electric engines for future mobility. WOV Car creates less pollution than gasoline-powered cars, so they are an environmentally friendly alternative to gasoline.
- The vehicle is a complete re-think of high volume materials and of the manufacturing process, and will lead to a significant reduction in pollution over the lifecycle of the car from 'cradle to grave'.
- The compact size will reduce correspondingly any energy used in raw material extraction and manufacture.
- In view of the fact that the vehicle will be light, the tires should experience minimal wear, thereby extending their overall life which will in turn reduce the problems associated with the disposal of used tires.
- Having low to zero emissions should qualify the

owner for reduced operating costs e.g. exemption from congestion charges, low VED etc, making it attractive to the urban market.

- Cities are currently responsible for 75% of global emissions and are increasingly looking to introduce low emission and congestion related measures e.g. London, Paris and New York. Saves over a tonne of CO² emissions every year compared to an average car.





Features and Specs

WOW EV DIY Kit Features:

- Optional roof-mounted 85-watt solar panel
- Powered by a 10 HP DC motor
- Front and rear suspension built into frame
- Includes large diameter wheels for lowest rolling resistance
- Fully charged batteries give range of 100 to 120 kilometers
- Can reach speeds of up to 40 kilometers per hour
- The kit does not include the required four 12v lead-acid batteries which would last up to 65,000 kilometers or a minimum of one-and-a-half years. This can be obtained locally to save on shipping weight.
- Charge from the sun or via wall outlet
- Comes fully loaded with windshield wipers, turn signals, lights, rear view mirrors, horn, seat belts, parking brake and drum brakes

- Includes safety glass windshield
- All parts are pre-welded - no special tools are required
- The new design is longer and can accommodate passengers over six feet tall
- Includes manual with step-by-step instructions

The WOW DIY car is customizable - owners are able to select the vehicle color and configuration. Models include the solar truck or the WOW Freedom 3-wheeler. It takes approximately 1-3 hours to assemble the vehicle, and is less than half the price of its nearest competition.

Governments are supporting wOw electric vehicles and are seeking to promote this eco-friendly mode of transport for their people in this era of global warming.

SAIC designed an affordable, do-it-yourself (DIY) electric vehicle that anyone from any location can purchase and build





The Affordable Price

- The wOw car is priced at the lowest end of the global car market, making owning a car affordable to most scooter owners.
- The wOw Car is easy and simple to drive in heavy urban traffic.
- The wOw Car uses today's high technology of plastics and adhesives, partially using inexpensive polymers or biodegradable plastics instead of a full metal body.
- The wOw Car, which measures 3,030mm long on a 1,930mm wheelbase, has a top speed of 40 kms per hour and a range of 120 kms on a full charge. The best part about the wOw Car's battery is that recharging can be done using any household power point. Not only that, but the wOw Car's Quick-

Charge mode will have the batteries at an 80% charge within 30 minutes!

- Classified as a Neighborhood Electric Vehicle (NEV), the wOw Car is "100 percent legal for on-road use in the United States of America," the wOw car is powered by a 48V electric motor which is controlled by dashboard forward and reverse pushbuttons.

Options and Future Development



Doors

For those who want the openness of the road, the half-door option gives the wOw Car a sporty look, while still keeping the cool breeze flowing. In the cooler season, the wOw Car can be easily converted to be fully enclosed to keep the heat in and the outside noise out!

Additional 2 rear facing seats

The 'wOw Theme Park' model has two rear-facing seats, transforming the 4 seater wOw into a 6 seater wOw! If additional storage space is needed, the extra seats lift up revealing a hidden trunk space large enough to hold golf bags.

EZ Battery Swap Option

Wow "EZ Battery" Option provides a fast battery bank swap. This option comes with a sturdy wheeled cart with track for easy removal and exchange of battery.

Food Cart Module

Wow "Food Cart" model provides yet another opportunity for excellent income earning with low operating cost. This option comes with a sturdy wheeled cart with track for easy removal and exchange of rear unit.

Passenger Carrying Module

Wow "Tuk Tuk" model provides yet another opportunity for excellent income earning with low operating cost. This option comes with a sturdy wheeled cart with track for easy removal and exchange of rear unit.

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