

# Greenpower Formula 24 Kit Car **READ ME**

As part of Siemens' partnership with Greenpower we've created a fully detailed and accurate CAD model (in **Siemens Solid Edge**) of the Formula 24 kit car, including the chassis and all parts and equipment. This model can be used to support the physical assembly process of the kit car and in the design of an aerodynamic body within Solid Edge.

For teams looking to design a Greenpower car from scratch the Solid Edge models can be used as a library of parts and standard components.

What's included:

- Fully assembled kit car model in Siemens Solid Edge
  - Everything has been modelled and assembled following the Formula 24 kit car build manual
  - All parts and components have the correct material specification and mass for accurate Centre of Gravity calculations
- Rendered images of kit car

Where to install:

- Install on your local hard drive or on the desktop for easy access
- Save a copy of the original files on your hard drive in case of accidental deletion, earthquake, meteor strike, or hardware crash (Encouraged).

How to open:

- Right mouse click on the downloaded (.zip) file and click extract all
- Open Solid Edge Assembly file named “**\_Greenpower\_Formula24\_Kit\_Car.asm**”

## **SIEMENS SOLID EDGE ST8 (or higher)**

### **MUST BE USED TO OPEN THE KIT CAR MODEL**

Solid Edge academic software can be downloaded **FREE** by registering at the following links;

**Students** (any age) <http://www.siemens.com/plm/solid-edge-student>

**Teachers** (secondary education) <http://www.siemens.com/plm/solid-edge-highschool>

Teachers from post-secondary academic institutions interesting in using Siemens Solid Edge please contact the relevant Siemens Academic Program Manager:

Americas - [solidedgeacademic-am.plm@siemens.com](mailto:solidedgeacademic-am.plm@siemens.com)

Asia Pacific - [solidedgeacademic-emea.plm@siemens.com](mailto:solidedgeacademic-emea.plm@siemens.com)

Europe Middle East & Africa - [solidedgeacademic-ap.plm@siemens.com](mailto:solidedgeacademic-ap.plm@siemens.com)