



Car building resources and supply list

Pitsco Education resources

Videos

- [Building the Ray Catcher solar vehicle](#) (12:59 minutes)
- [Experimenting with the Ray Catcher solar vehicle](#) (2:30 minutes)

Teacher's guide (registration required)

- [Solar vehicles teacher's guide](#)

Supply list

- Cool melt hot glue gun
- Soldering iron and solder
- Sandpaper
- Exacto knife
- Ruler
- Pencil
- Graph paper
- Pliers (various sizes)
- Scroll saw
- Mini Dremel (diamond cutting disk)

Switches

Switches are included in all car kits as optional components. Students are not required to use switches in their circuit designs to compete in the NoCo Time Trials.

- [YouTube: How to connect DC motor to battery with on/off switch](#) (2:08 minutes)