

# Troubleshooting

- If the car does not go, check the following:
- Are all electric connections solid and soldered? If not, reconnect or solder and try again.
- Is the sun shining? If not, wait until the sun shines or use battery packs.
- Are the gears meshing freely? If not, pry the motor and glue from the chassis and reposition.
- If the car goes backward, reverse the positions of the two alligator clips on the panel.
- If you break a piece of balsa while constructing the chassis, use the second piece of balsa for the chassis and use the broken piece for the panel support member.
- If the wheels do not spin freely, reposition them on the axles to provide clearance between the wheel and nylon sleeves.
- If the gears or wheels spin without the axle moving, use a spot of cool-melt glue at the joint to connect them. If you are sure of the position, you can use super glue to permanently bond them.
- If the car does not go fast enough, try different gear combinations, wheels, and chassis styles. Try to make a car with front-wheel drive! Experiment and find out what works best!!