

Electric Air Racer



Brought to you by Demco

Tools Needed for This Activity

Process	Process Description	Recommended Tool	Alternate Tool
Cutting	Cutting dowels, strips, recycling bin items, etc.	Multi-cutter 1373816	Saw, pruning shears, etc.
Reaming	Changing splined holes in components from press fit (dowels press and stay) to loose fit (dowels are able to slide and rotate)	Reamer 1373819	#3 drill bit and drill
Screwing	Tightening and loosening screws	Screwdriver 1373817 and 1373822	None
Holding and Pulling	Holding nuts, pulling apart components	Pliers 1373820	None
Hammering and Blocking	Tapping dowels into holes, instead of pushing	Hammer and Block	None

Kit Contents

Component	10 Pack Quantity	Single Quantity
Dowels	30	3
Perpendicular Blocks	20	2
1" Screws	20	2
Hex Nuts	20	2
Motor Mounts	10	1
1.5–3.0 Motors	10	1
Connector Strips	30	3
Slide-stop 3" Sections	10	1
Zip Ties	40	4
Wooden Wheels	30	3
Battery Holder (2AA) w/ Switch & Leads	10	1
Mini Motor Hub Covers	10	1
Mini Motor Hub Bases	10	1
Hub Screws	10	1
Toothpicks	100	10



**Make Your Electric Air Racer Even Better
by Incorporating Recycling Bin Material**



**Incredible, affordable inventions
that really work!**