

## MOTION

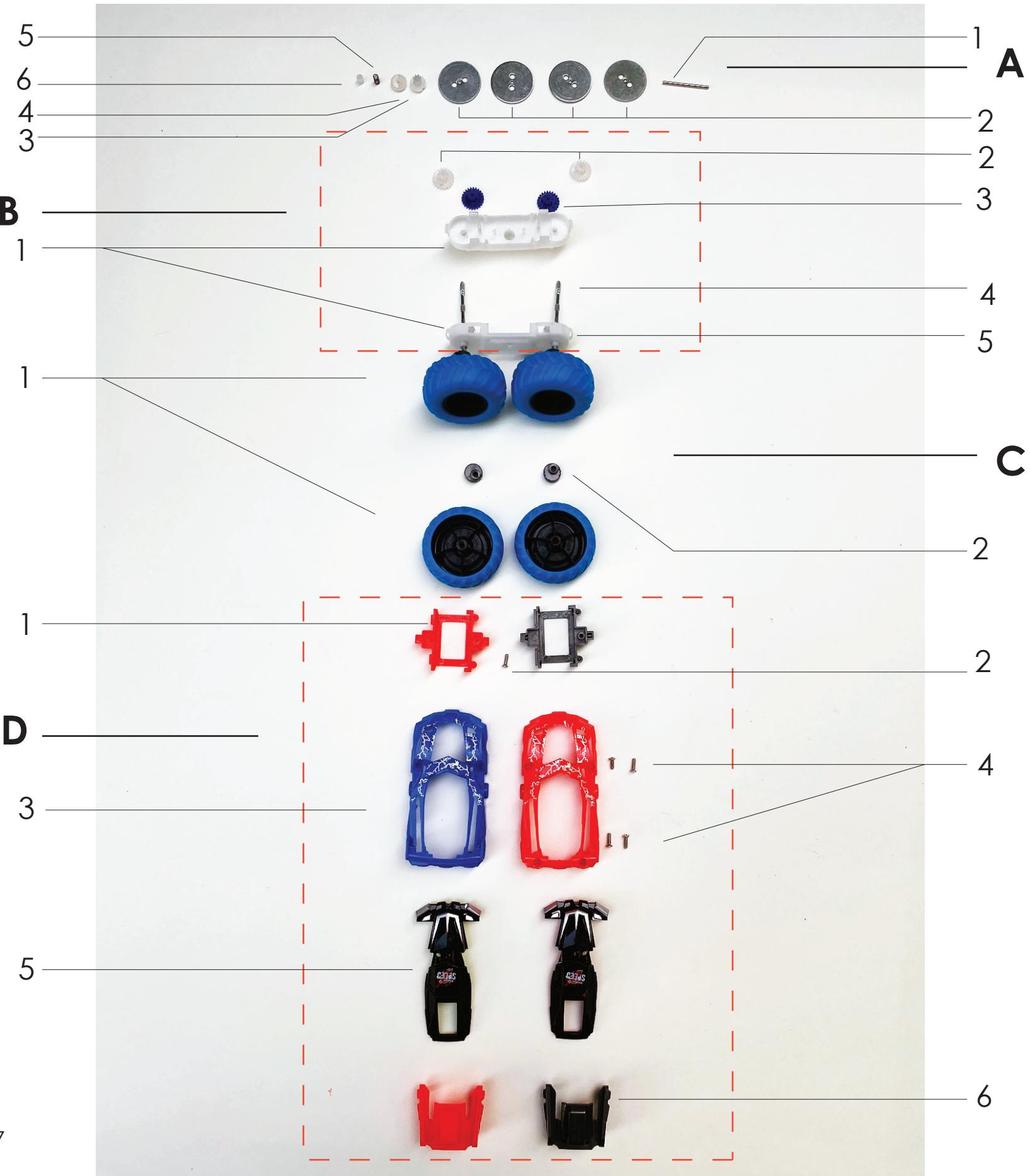
A flywheel is a mechanical device which uses the conservation of angular momentum to store rotational energy. Since a flywheel serves to store mechanical energy for later use, it is natural to consider it as a kinetic energy analogue of an electrical inductor. Once suitably abstracted, this shared principle of energy storage is described in the generalized concept of an accumulator. More precisely, a flywheel's stored energy will donate a surge in power output upon a drop in power input and will conversely absorb any excess power input (system-generated power) in the form of rotational energy. Flywheels are often used to provide continuous power output in systems where the energy source is not continuous. To activate the car we need to push it giving wheels a spin by dragging them on a surface. When the car is pushed the inertia of the flywheel keeps it rolling smoothly. Flywheel spins around giving the output.

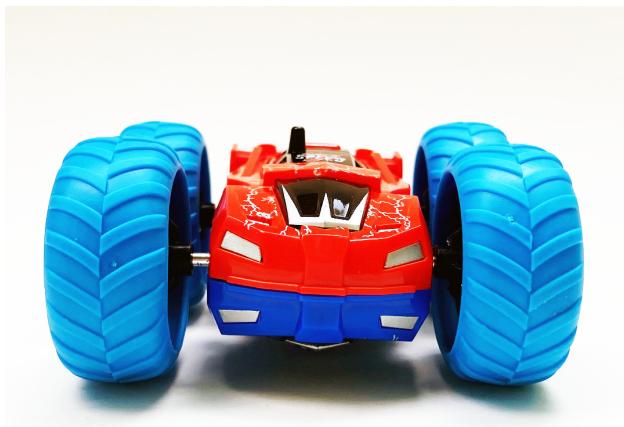
<https://en.wikipedia.org/wiki/Flywheel>



**FLYWHEEL CAR TOY**

CONNECTIVE ENVIRONMENTS 6307  
SAGE DUFFEY & ANNA GELICH





Front



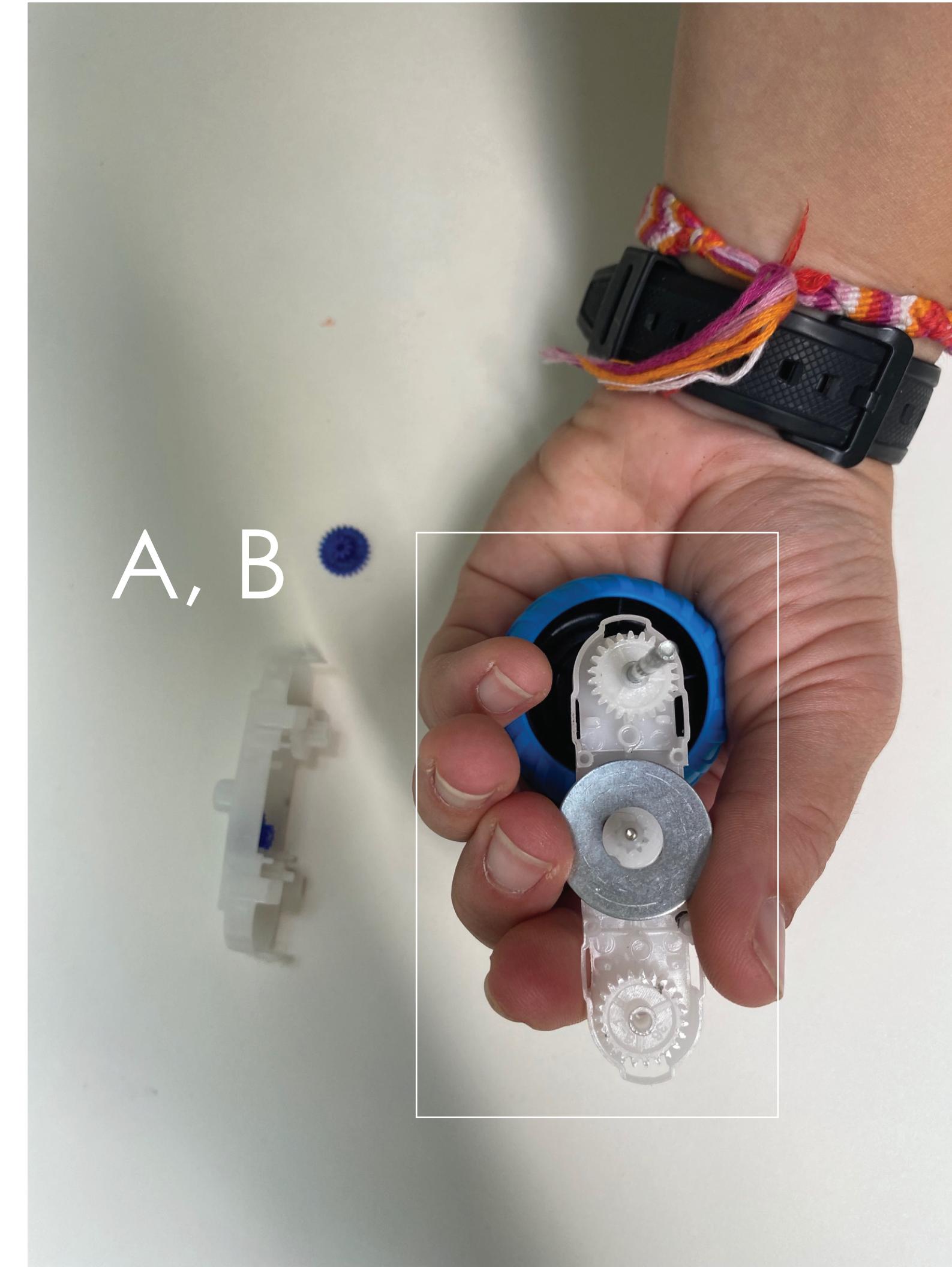
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Top



Right



A, B