

# CARS THAT USE CLOCKWORK TO STORE ENERGY



I want to make some toy cars with children that use a clockwork motor to power them along (or a pull back version) Is this practical? Light as possible wooden chassis and pine or mdf wheels. The output axle from the ???



With a normal spring, you compress it using a linear force to store energy and then it decompresses and releases the energy, again in a form of linear force. Is there a mechanical mechanism that stores energy by rotating ???



The motors simply store potential energy in the wound spring which is released through a set of step up gears, the rotation is then turned through 90 degrees via the crown gear (or contrate gear) to the propeller drive shaft. Usually the ratio ???



Kinetic energy recovery systems (KERS) have been used in Formula One racing to store energy in a flywheel when braking, and then push it back to the wheels later for a boost in speed. ???



The car weighed only 700 kg. It had independent sports-type suspension, two lightweight Recaro shell seats and rear-wheel drive. If until some time ago I had been asked how to further lighten a car like this to fit the Wind ???

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Flywheel Energy Storage (FES) systems refer to the contemporary rotor-flywheels that are being used across many industries to store mechanical or electrical energy. Instead of using large iron wheels and ball bearings, ???