

## Rotational Energy Recovery System

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**Abstract :** The present day vehicles do not reuse the energy expelled in running the vehicle. The energy used to run the vehicle is expelled immediately. This has remained a constant for many decades. With all the vehicles running on non-renewable resources like fossil fuels, there is an urgent need to improve efficiency of the vehicles until a reliable replacement for fossil fuels is found. Our design is based on the concept of Kinetic energy recovery systems. Though our design lies in principle with the KERS, our design can be used in day-to-day driving. With our design, efficiency of vehicles increases and fuel conservation is possible thereby reducing the carbon footprint.

**Keywords :** KERS, Battery, Wheels, Efficiency.

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