# REGENERATIVE BRAKING SYSTEM

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## INTRODUCTION

A Regenerative Brake, is an energy recovery mechanism which slows a vehicle or object down by converting its kinetic energy into another form, which can be either used immediately or stored until needed.

A Traditional Braking System, brake pads produce. friction with the brake rotors to slow or stop the vehicle. Additional friction is produced between the slowed wheels and the surface of the road. This friction is what turns the car's kinetic energy into heat.

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