

Magnetic Brakes

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Car brakes using magnets, which done through placing a fixed magnet inside the wheel facing another moving magnet to cause repulsion, which leads to compressive force (repulsion), and that will reduce the speed of the car, so that will cause the car to stop. Deceleration and stopping depends on the distance between the fixed magnets located in the disc and the drum location, and how close to each other they are, the closer the moving magnet gets to the fixed magnet the faster the car stop, pressure force generated by the moving magnets, and the power of the magnets. The deceleration and stopping process applies to ALL tires. The benefits of the magnetic brakes are enormous, and it mainly focuses on how to make the vehicles worldwide environmentally friendly as well as without any negative effects on the human body because like the regular brakes does with the dust and the pollution that it causes, the regular brakes produce a lot of particles that effects the air, water, human lungs and the environment. Another big purpose of the magnetic brakes is the cost, if my idea was applied correctly exactly as I imagine it on the vehicles, people won't pay to change their brakes every year because the power of the magnet is nearly infinite where it takes over a million years for the magnet to stop working. The main purpose of the magnetic brakes is, how to reduce the pollution in our planet in the most efficient way, causes nearly 20% of the pollution every year.