

# Flywheel energy storage relies on acceleration





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[What are the benefits of a lightweight flywheel and why ...](#)

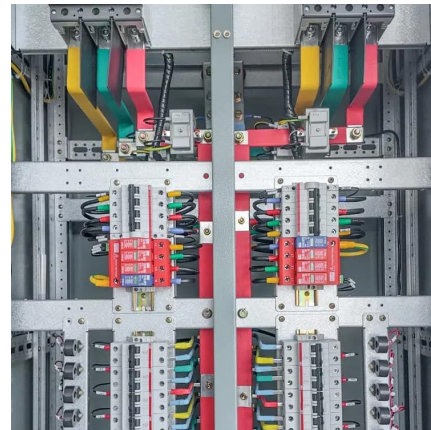
This previous question explains what a flywheel does and why it is needed. That explanation means that the flywheel needs a certain amount of mass to do its job. However, ...

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[How to stop flywheel from spinning without special tools?](#)

How do I stop the flywheel from spinning while torquing the bolts? My repair manual says I should buy a special tool to do it, but I don't want to buy an expensive tool that ...

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### engine

A dual mass flywheel (or DMF) is a flywheel that is split into two halves (hence the name ), with a spring or springs between them to dampen out sudden changes in torque and ...

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### How does a clutch work?

I understand how a clutch can separate the flywheel from the clutch disk so that power is disconnected from the engine. When that happens, does the input shaft (along with ...

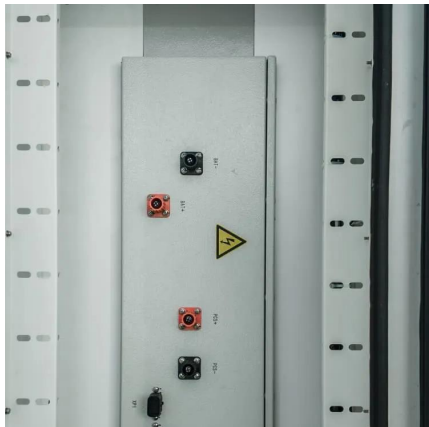
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[What does a flywheel do and what is it connected to?](#)

A flywheel serves four main purposes (in most vehicles): It provides mass for rotational inertia to keep the engine in motion. It is specifically weighted to provide balance for ...

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## **honda**

No grinding, no clicking, just spinning freely, but wouldn't engage flywheel. Got another starter figuring this one was shot, preventing it from engaging the flywheel, and in the ...

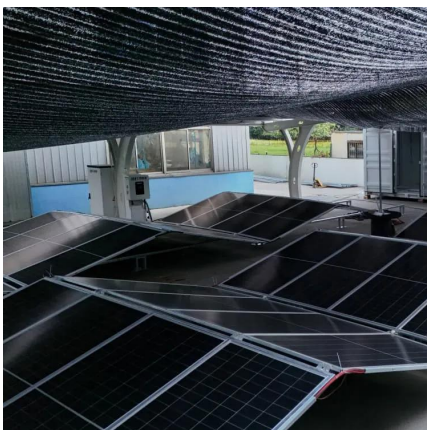
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**Does the flywheel really complete 33 revolutions per second ...**

I can't visualise an engine's flywheel turning 33 times per second when the car is set to 2,000 RPM - it seems excessive. Have I misunderstood RPM or is that actually how fast ...

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## **gears**

When replacing a starter (or reinstalling the old one), should the pinion that powers the flywheel (is that actually the flywheel?) be greased or not?

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## **If my starter is spinning but not engaging flywheel, what is ...**

The mechanism to engage the flywheel is faulty, probably the solenoid that activates it is either faulty (it moves its internal parts to make contact and so the motor spins, ...

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## **ford**

The starter motor has a small gear ( the pinion gear) which sticks out on a shaft to engage the flywheel. if the pinion gear doesn't stick out far enough, it will spin but not turn the ...

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