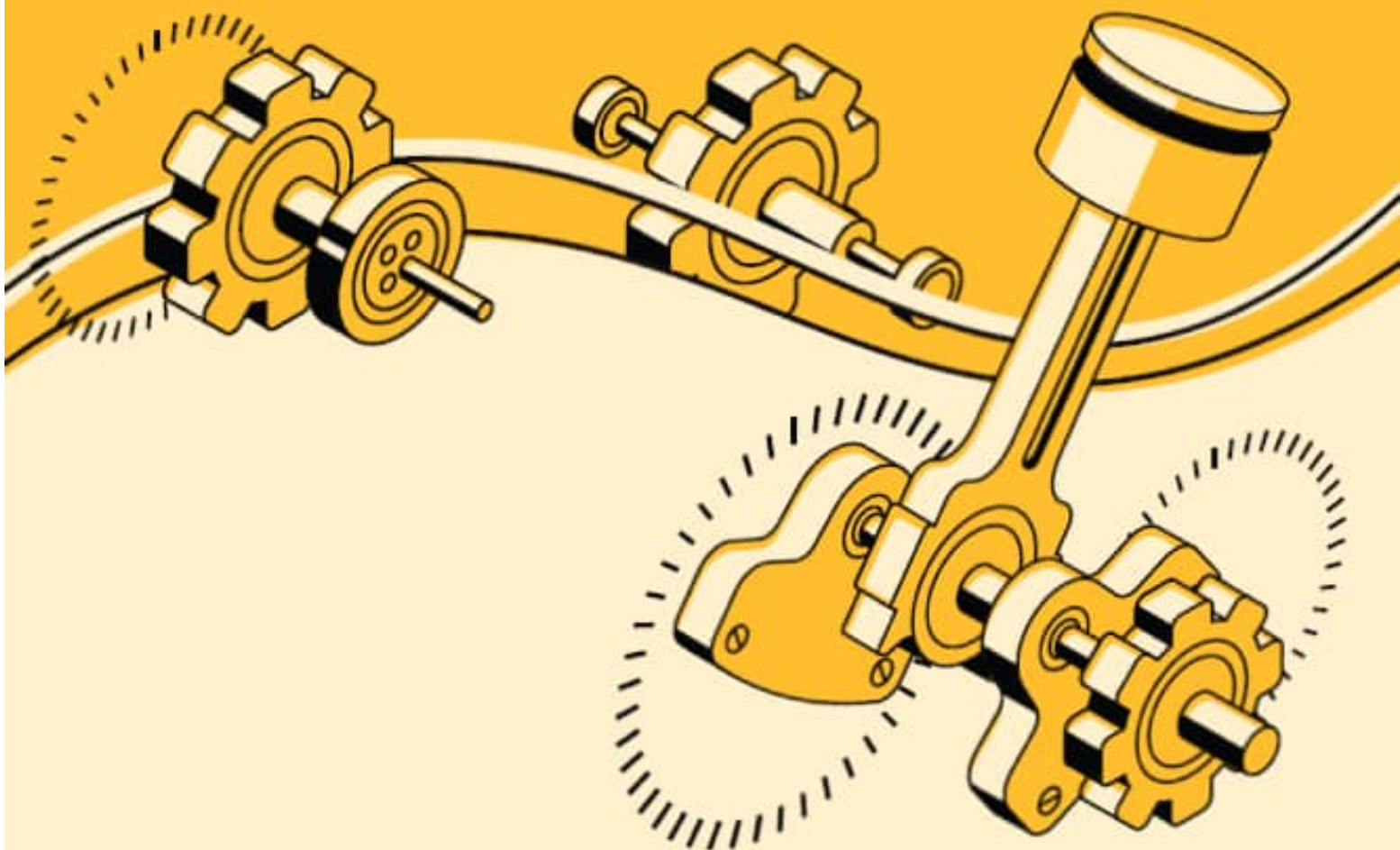


How the Engine Works

The engine is like the heart of the car. It takes fuel, usually gasoline, and burns it to create power. Here's how it works in simple steps:

1. **Fuel and Air Mix:** The engine mixes gasoline with air.
2. **Spark:** A spark from a spark plug lights the fuel and air mix.
3. **Explosion:** The mix burns and makes a small explosion.
4. **Push:** This explosion pushes a part called a piston.
5. **Turn:** The piston moves up and down, which turns a crankshaft.
6. **Power:** The turning crankshaft gives power to the car's wheels.

So, the engine turns fuel into power, making the car go!



New Generations

Traditional cars run on gasoline, which produces harmful gases that contribute to air pollution and climate change. This is why we need a new generation of cars. Electric and hybrid cars produce less or no harmful gases, making the air cleaner and helping to slow down global warming. Also, they can be more cost-effective because they use electricity, which can be cheaper than gasoline.





Electric Cars

Electric cars use electricity instead of gasoline to make the car go. They have a big battery that stores electricity. Here's how they work:

1. **Battery:** The battery stores electricity.
2. **Motor:** The electricity powers an electric motor.
3. **Wheels:** The motor makes the wheels turn.

Electric cars need to be charged by plugging them into an electric outlet.

Hybrid Cars

Hybrid cars use both gasoline and electricity to make the car go. They have a gasoline engine and an electric motor. Here's how they work:

1. **Gasoline Engine:** The engine uses gasoline to make power.
2. **Electric Motor:** The motor uses electricity from a battery.
3. **Switching:** The car can switch between the engine and the motor, or use both together.

Hybrid cars save fuel by using the electric motor when possible.

