

Some stuff on Starters.....

Before electric starters, people had to physically crank a handle at the front of the car to start the engine. This method was common but came with risks. Injuries were frequent due to the "kickback" of the crank when the engine fired. The term "chauffeur's fracture" was coined to describe wrist fractures caused by the violent jolt when the crank suddenly turned.

The first electric starter was introduced on the 1912 Cadillac Model 30, which marked a massive leap in convenience and safety. Following Cadillac, Ford introduced the electric starter in 1919, and by 1920, most cars worldwide were equipped with them. This advancement meant that drivers no longer had to rely on physical strength and the risk of injury to start their engines.

Early starters relied on a **direct-drive starter motor**, which was fine for low-horsepower engines, but as engines evolved to higher horsepower and greater compression ratios, more power was required to turn the engine over. This led to the development of the **gear reduction starter**.

The **gear reduction starter** uses a set of gears to make the electric motor spin faster, delivering more torque to the flywheel. This change allowed vehicles to start reliably, even with more powerful engines hot or cold

Upgrading Your Starter:

If you're replacing your **old 40 lbs direct-drive, 6-volt starter** on a car that's now running **12 volts**, you should consider a **high-torque** starter. These newer starters are more efficient and provide the extra power needed when your engine is hot, cold or have increased compression ratios.

Our new Hi torque starters have integrated solenoids, which were once a separate component. This design simplifies the system, reduces the number of parts and way simpler to install.

Oh, one last thing, you will love these **new Hi torque starters only weigh 8 lbs** and have the ability to clock the motors for clearance.

[Check out our New Hi Torque Starters.](#) If you need help selecting the correct one, just let us know.

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