



Your Complete Guide For GM 4L60E Automatic Transmission

The 4L60E is a longitudinally-mounted four-speed overdrive automatic shift transmission. It is now widely considered as one of the best overdrive automatic transmissions ever made. Several internet sites now sell the [4L60E converter](http://justpaste.it/the-4L60E-converter) as well as other parts of the transmission for replacement.

History

The Turbo 700R4 transmission was released in the early 1980s, prior to the debut of the now popular 4L60E transmission. Intriguingly, the 4L60E is GM's successful continuation of the very efficient 700R4, also known as 4L60, which has been in production since 1990. The 4L60E is the 4L60's "E"lectronic shift controlled iteration. The replaceable bell housing is the most distinguishing feature of the latest 4L60E. It was first released in 1996 with a 4.3L V6 engine. In 1997, it was reintroduced to the market to compete with the V8 engine. It was later brought into full adoption by GM in both RWD vehicle platforms and trucks by 1998.

Identification

The bell housing, main case, and tailhousing are all made of cast aluminum alloy in the latest 4L60-E transmission. The package was shrunk to roughly 22", which is about 15.4" shorter than a manual transmission. There are 30 splines on the input shaft. On the passenger side, the transmission usually has pinned flare and o-ring connections for a cooling circuit. A square oil pan is also included with the transmission.

The six-bolt hex rear output or adapter design distinguishes the later 4L60E (1996-2010) from the previous 4L60E (1992-1997), 4L60 (1990-1992). At the tailhousing or adapter, older variants had a four-bolt square bolt arrangement. Aside from that, the removable bell housing is a unique feature.

Tail housings are standard on two-wheel-drive models, and output shafts are often longer than on four-wheel-drive models. They have a shorter output shaft and numerous adapter assemblies. The transmission is around 150 pounds dry and 162 pounds wet. The cooling circuit's length and volume might vary depending on a number of things. The 4L60E is used in nearly every GM rear-wheel-drive vehicle, including the Sonoma, Jimmy, Tahoe, Astro, Camaro, Safari, Suburban, Bravada, Firebird, and the well-known Corvette.

The Chevrolet 90 degree “Small Block” and “Big Block” patterned engines are compatible (natively) with the front face 4L60E. (including the V6, V8, and I6).

Summary

The 4L60E transmission is a stronghold for GM, as seen by its durability, quality, and ease of use. It is, without a doubt, the best and most reputable transmission on the market today. There are various internet companies that can assist you with purchasing a 4L60E high-performance parts kit for your compatible car. You can also look for a 4L60E converter online at the most affordable prices.