## 700r4 transmission rebuild guide

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# Guide to Building, Modifying, and Understanding the 700R4 Transmission

## Can I Rebuild My Own 700R4 Transmission?

Yes, it is possible to rebuild your own 700R4 transmission. However, it requires specialized tools, knowledge, and experience. Rebuilding a transmission can be a complex and time-consuming process.

## **How Strong Can You Build a 700R4 Transmission?**

With proper modifications, the 700R4 can be built to handle up to 500 horsepower and 600 foot-pounds of torque.

#### What Are the Best Years for 700R4 Transmission?

The best years for the 700R4 transmission are 1988-1992. These transmissions feature updated components and improved reliability.

## How Can I Make My 700R4 Better?

To improve the performance and durability of your 700R4 transmission, consider the following modifications:

- Install a high-performance torque converter with a higher stall speed.
- Upgrade the clutch packs and bands with stronger materials.

- Reinforce the input and output shafts.
- Add an auxiliary transmission cooler.

#### How Much HP is a 700R4 Good For?

In stock form, the 700R4 transmission can handle up to 300 horsepower. However, with proper modifications, it can be built to handle up to 500 horsepower.

#### How Much ATF Does a 700R4 Take?

The 700R4 transmission requires 5 quarts of automatic transmission fluid (ATF).

## **How Much Torque Can a 700R4 Take?**

In stock form, the 700R4 transmission can handle up to 350 foot-pounds of torque. However, with proper modifications, it can be built to handle up to 600 foot-pounds of torque.

## Is a 700R4 Good for Racing?

While not ideal for high-performance racing applications, the 700R4 can be used in drag racing and other forms of motorsport with proper modifications.

## Can You Run a 700R4 Without a Computer?

Yes, it is possible to run a 700R4 transmission without a computer. However, you will need to install a standalone transmission controller.

#### Which is Better 700R4 or 200r4?

The 700R4 transmission is generally considered better than the 200r4 due to its stronger design and higher torque capacity.

## Is 700R4 Built for 1000hp?

No, the 700R4 transmission is not designed to handle 1000 horsepower.

## At What Speed Should a 700R4 Shift into Overdrive?

The 700R4 transmission typically shifts into overdrive at around 50 mph.

## **How Can I Make My Transmission Stronger?**

To make your transmission stronger, consider the following:

- Install a torque converter with a higher stall speed.
- Upgrade the clutches and bands with stronger materials.
- Reinforce the input and output shafts.
- Add an auxiliary transmission cooler.

#### How to Make a 700R4 Shift Hard?

To make a 700R4 transmission shift harder, install a shift kit.

## Can You Manually Shift a 700R4?

Yes, it is possible to manually shift a 700R4 transmission.

#### Is the 700R4 Transmission Reliable?

The 700R4 transmission is generally reliable when properly maintained.

#### Can a 700R4 Handle a LS?

Yes, the 700R4 transmission can handle an LS engine with proper modifications.

## Is a 700R4 Transmission 27 or 30 Spline?

The 700R4 transmission is available with both 27 and 30 spline output shafts.

## What Size Torque Converter is in a 700R4?

The standard torque converter size for a 700R4 transmission is 11.5 inches.

## **How Much Fluid Does a 700R4 Filter Change?**

A 700R4 filter change typically requires about 4 quarts of automatic transmission fluid (ATF).

#### Is a 700R4 a Turbo 400?

No, the 700R4 transmission is not the same as the Turbo 400 transmission.

#### How Much Oil Does a 700R4 Transmission Hold?

The 700R4 transmission holds approximately 5 quarts of automatic transmission fluid (ATF).

#### Is a 700R4 the Same Size as a 4L60E?

No, the 700R4 transmission is slightly smaller than the 4L60E transmission.

#### What is the Stock Stall Speed on a 700R4?

The stock stall speed for a 700R4 transmission is typically around 1800-2000 RPM.

### Is it Worth Rebuilding Your Own Transmission?

Whether or not it is worth rebuilding your own transmission depends on your skills, experience, and the cost of having a transmission shop do the work.

#### Is it Possible to Rebuild a Transmission Yourself?

It is possible to rebuild a transmission yourself, but it is a complex and timeconsuming process.

## Is it Cheaper to Buy or Rebuild a Transmission?

In most cases, it is cheaper to rebuild a transmission than to buy a new or used one.

## Can You Run a 700R4 Without a Computer?

Yes, it is possible to run a 700R4 transmission without a computer. However, you will need to install a standalone transmission controller.

## Should I Replace the Torque Converter when Rebuilding the Transmission?

It is highly recommended to replace the torque converter when rebuilding a transmission.

## **How Long Will a Rebuilt Transmission Last?**

The lifespan of a rebuilt transmission depends on a variety of factors, including the quality of the rebuild, driving habits, and maintenance.

#### Are Rebuilt Transmissions as Good as New?

Rebuilt transmissions can be as good as new if they are properly rebuilt using quality parts and workmanship.

## **How Many Hours to Rebuild a Transmission?**

The time it takes to rebuild a transmission can vary depending on the complexity of therebuild and the experience of the rebuilder. As a general rule, expect to spend at least 20-30 hours rebuilding a transmission.

## What to Replace When Rebuilding a Transmission?

When rebuilding a transmission, it is important to replace any worn or damaged parts. This includes:

- clutches and bands
- gaskets and seals
- bearings and bushings
- filters
- solenoids

## **How to Start Rebuilding Transmissions?**

To start rebuilding transmissions, it is important to have a good understanding of how automatic transmissions work. It is also helpful to have access to a workshop manual for the specific transmission you are working on. Once you have the necessary knowledge and tools, you can follow these steps to start rebuilding a transmission:

- Remove the transmission from the vehicle.
- Disassemble the transmission.
- Inspect the transmission components for wear or damage.
- Replace any worn or damaged parts.
- Reassemble the transmission.
- Install the transmission in the vehicle.
- Test the transmission to ensure proper operation.

## Which Transmission Part is Most Often Replaced During a Rebuild?

The most commonly replaced part during a transmission rebuild is the clutch packs.

#### Can You Trust a Rebuilt Transmission?

Whether or not you can trust a rebuilt transmission depends on the reputation of the rebuilder and the quality of the rebuild. It is important to do your research and choose a reputable rebuilder.

## Can You Fix a Transmission Without Replacing It?

It is possible to fix a transmission without replacing it in some cases. However, if the transmission is severely damaged, it may be necessary to replace it.

## Is a 700R4 Good for Racing?

The 700R4 transmission is not ideal for high-performance racing applications. However, it can be used in drag racing and other forms of motorsport with proper modifications.

### What Speed Should 700R4 Shift At?

The 700R4 transmission typically shifts into overdrive at around 50 mph.

## Is a 700R4 a 4 Speed with Overdrive?

Yes, the 700R4 transmission is a 4-speed automatic transmission with overdrive.

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