Which rebuild kit is right for me?

What is your main goal with your rebuild? A. Save money/time?

- B. Do it right and eliminate weaknesses? C. Upgrade your transmission's performance?
- D. All of the above



Year Range

1983-1984

Year Range

Case Style

Pan Style

Fine metal shavings in

Large metal chunks in

the pan (sand grain

movement, whining

get it again.

5-pinion planets.

converter after a rebuild.

cooler of all the gunk and shavings.

size)

noise

Transmission

700R4





(Options Chart)

A1

2001-Present

2 Piece

Deep

Ring Gears, Bearings,

Pump, Valve Body

Bushings, Steels, Drums.

What year is the vehicle that needs a rebuild? (refer to Year Ranges chart)

- Is the transmission a 700R4, a 4L60E, or a 4L65E? (refer to Transmission Model chart) How damaged is the subject transmission? Do I need
- hard parts? (refer to Symptom Diagnosis chart)
- What filter does the transmission require? (Deep vs Shallow) Molded rubber pistons or piston lip seals?
- (refer to Year Range chart) Bonded VB Plate? Wedge Pump Seal or Gasket & O-
- Ring? (refer to Year Ranges chart)

Pan/Filter

700R4

Year Ranges Kit Code Valve Body

Pump Seal

O-Ring &

Pistons

Lip Seals

Plate

Gaskets

1988-1992		700R4	O-Ring & Gasket	Lip Seals	Gaskets C+V	A2
1900-1992	700R4	700R4	O-Ring & Gasket	Lip Seals	Gaskets	A3
1993	700R4/4L60E	Shallow	O-Ring & Gasket	Lip Seals	Gaskets	700R4 A3 4L60E B1
1994-1996	4L60E	Shallow	O-Ring & Gasket	Lip Seals	Gaskets C+V	B1
1997	4L60E	Shallow/Deep	O-Ring & Gasket	Molded Rubber	Gaskets C+V	B1
1998-2000	4L60E	Deep	O-Ring & Gasket	Molded Rubber	Gaskets C+V	B1
2001-2003	4L60E/4L65E	Deep	O-Ring & Gasket	Molded Rubber	Gaskets CA+VB	B1
2004	4L60E/4L65E	Deep	Wedge	Molded Rubber	Gaskets CA+VB	B2
2005-2006	4L60E/4L65E	Deep	Wedge	Molded Rubber	Gaskets CA+VB	B2
2007-Up	4L60E/4L65E	Deep	Wedge	Molded Rubber	Bonded	В3

Shallow Shallow 93-97 Deep 97-Up

1993-Present

1 Piece/

2 Piece

1982-1993E

1 Piece

OEM Planets	4 Pinion	4 Pinion	5 Pinion			
Engine Application	Any	93-00 Any 01-Up All but 6.0L	Only 6.0L 1/2 Ton			
Throttle Control	Cable	Electronic	Electronic			
Electrical Connector	4 Pin Drivers Side	13/14 Pin Passenger Side	13/14 Pin Passenger Side			
Castings	MD8	M30	M32			
Symptom (Rough) Diagnosis Symptom Possible Cause Potential Hard Parts						
<u> </u>			Needed			
ATF very dark and burnt smelling	Burnt clutche (likely the 3/4)		s (at least for the pack), Bushings			

Planetary Gears, Sprags, the pan (1/8" or bigger) Center Support Sudden loss of all Pump failure Pump

Gear train failure

Metal on metal grinding

		Steels, Input Drum, Pistons
Complete loss of reverse/grinding in reverse	Sunshell	HD Sunshell
Grinding noise	Planet failure, sunshell failure, pump failure	Planets, HD Sunshell, Pump
Water/antifreeze in ATF	Radiator failure (cross-leaked into transmission)	Potentially anything that can rust (lots)
Loss of 2nd gear	Servo, band, or reverse input drum failure	Corvette Servo, Band, Reverse Input Drum
Rebuild	Recommen	ndations
 Always replace all when doing a rebuil OEM 700R4/4L60 3/4 clutch packs. A OEM sunshell is final available. Use the 	friction materials (clutched). Id. E's had inherent weak poly Always use an aftermark ne. There are numerous	hes and band) and filter oints in the sunshell and et sunshell even if the aftermarket upgrades

rebuilt transmission. **Kit Options Chart**

Always, always use a new or remanufactured torque

Use a can of Kooler Clean transmission flush to clean out your

Always remanufacture or install a remanufactured valve body on a

If you intend to tow heavy loads or push lots of horse power install

diagnose a transmission without tearing it completely down and inspecting every part. When grouping kit components together there are multiple things to consider, year range being most important. The Year Range Chart should

NOTE: This chart is meant as a general guideline. It is impossible to 100%

symptoms mentioned in the Symptom Diagnosis chart I would recommend having the corresponding hard parts on hand prior to starting the rebuild. This charts shows you the 3 basic level of kit options and the minimum recommended OEM weak point upgrades to do.

Overhaul= Seals, gaskets, o-ring, and soft parts needed to rebuild a transmission.

be referenced to find your kit code. If your transmission has some of the

Banner= Overhaul and friction module (clutches) *Master*= Overhaul, frictions, steels, band, filter, bushings. **Overhaul Kit Minimum Upgrade** Kit Code **Banner Kit Master Kit**

A1	82-93 700R4	<u>82-84 700R4</u>	82-84 700R4	<u>Hardened Sunshell</u> <u>Corvette Servo</u>	
A2	82-93 700R4	85-87E 700R4	85-87E 700R4	Hardened Sunshell Corvette Servo	
A3	82-93 700R4	87L-93 700R4	87L-93 700R4	Hardened Sunshell Corvette Servo	
B1	93-03 4L60E	93-03 4L60E	93-03 4L60E 97-03 4L60E	Hardened Sunshell Corvette Servo 99-03 Sonnax TCC	
B2	04-13 4L60E/65E	04-13 4L60E/65E	04-13 4L60E/65E	Hardened Sunshell Corvette Servo Sonnax TCC	
В3	<u>07-11</u> 4L60E/65E/70E	07-11 4L60E/65E	07-11 4L60E/65E	Hardened Sunshell Corvette Servo	
All these kits, and more, are available at:					

www.GMTransmissionParts.com or by phone (740) 500-6099 or toll free (844) 298-6404

www.GMTransmissionParts.com