

# Leo Burnett Detroit Print Advertising



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RELIABILITY • AVAILABILITY • COMPETITIVE PRICING • PERFORMANCE • EFFICIENCY • LOW MAINTENANCE

Genuine  | **Parts**



**GM QUALITY. PASS IT ON.**

Build your reputation on ours. Satisfy your customers with the GM Parts promise.

# GM Parts Advantage Guide

Engines. Transmissions. Transfer Cases. Build your reputation on ours.

**THE GM DIFFERENCE.** Every new and remanufactured Genuine GM Parts engine, transmission, and transfer case incorporates the latest GM technologies and innovations, meets or exceeds the same exacting standards as original GM equipment, and is tested and validated to stringent GM specifications. You can find the right engine and component parts for the job through any GM dealer.

Genuine  | **Parts**



GM QUALITY • GM TESTING • GM WARRANTIES • GM CONVENIENCE • GM VALUE

# GM Parts Transmission Advantages

	GM Parts Transmission  REMAN	GM Parts Transmission (Manual) NEW	Typical Non-GM Transmission REMAN	Typical Non-GM Transmission REBUILT
<b>Advantages:</b>				
GM parts fit exact vehicle applications	Yes	Yes	Varies	Varies
All Original Equipment (OE) components	Yes	Yes	Varies	Typically not
All sub-components tested before final assembly	Yes	Yes	Varies	Typically not
Latest GM engineering innovations and design enhancements in each unit	Yes	Yes	Varies	Typically not
Designed torque converters using Electronically Controlled Capacity Clutch (EC3) with correct friction material	Yes	N/A	Typically not	Typically not
Designed and manufactured in tightly controlled, QA 9000- and ISO 14000-certified environment	Yes	Yes	Varies	Typically not
Tear-down and car-test audits daily	Yes	Yes	Typically not	Typically not
Every transmission dynamometer-tested	Yes	Yes	Varies	Typically not
Nationwide limited warranty—light-duty	3 years/ 100,000 miles*	1 year/ 12,000 miles*	Typically not	Typically not
Nationwide limited warranty—medium-duty	18 months/ 100,000 miles*	1 year/ 12,000 miles*	Typically not	Typically not
Supplier: Local GM dealer	Yes	Yes	N/A	N/A
Next- or same-day delivery	Yes	Yes	Varies	Varies
Free technical support from GM Powertrain Contact Center	Yes	Yes	No	No

\*Whichever comes first. Covers catalog applications only. See dealer for details.

# GM Parts Transmission – Available Component Parts



**4L60-E**  
RPO: M30

**4L80-E**  
MT1

**4T80-E**  
MH1

**4L65-E**  
M32

**4T40-E**  
MN4

**4T45-E**  
MN5

**4T65-E**  
M15

**4T60-E**  
M15

## Related Parts:

	4L60-E RPO: M30	4L80-E MT1	4T80-E MH1	4L65-E M32	4T40-E MN4	4T45-E MN5	4T65-E M15	4T60-E M15
Cooler Line	X	X	X	X	X	X	X	X
Transmission Flush Fluid	X	X	X	X	X	X	X	X
Transmission Fluid = DEXRON®	X	X	X	X	X	X	X	X
Transmission Mounts	X	X	X	X	X	X	X	X
Oil Cooler	X	X	X	X	X	X	X	X
Radiator	X	X	X	X	X	X	X	X
Electrical Connectors	X	X	X	X	X	X	X	X
Fluid Level Indicator	X	X	X	X	X	X	X	X
Fluid Filler Tube	X	X	X	X	-	X	X	X
Fluid Filler Tube Seal	X	X	X	X	-	X	X	X
Transmission Vent Hose	X	X	-	X	X	X	-	-
Heat Shield	X	X	-	X	-	-	-	-
Shift Control Cable	X	X	X	X	X	X	X	X
Park/Neutral Position Switch	X	X	X	X	X	X	X	X
Bolts	X	X	X	X	X	X	X	X

**X** = Related part. Represents an opportunity for additional component sales.  
Contact your dealer for part number applications.

# GM Parts Remanufactured Transfer Case Specification Chart

Transfer Case Model Numbers:	Type	Maximum Capacity Torque (Current Application)	Weight	Required Oil Part Number	Oil Fill Capacity	Part Number
NV 136	Active On Demand	1,590 lb-ft 2,156 N-m	70 lb 32 kg	12378508 Auto-Trak II	4.2 Pints 2 Liters	24228434
NV 226	Active On Demand	2,299 lb-ft 3,117 N-m	78 lb 35 kg	12378508 Auto-Trak II	4 Pints 1.9 Liters	24228408
NV 233	Part Time (Electronic Shift)	1,591 lb-ft 2,157 N-m	74 lb 34 kg	12378508 Auto-Trak II	2.5 Pints 1.1 Liters	24228412
NV 241	Part Time	5,555 lb-ft 7,533 N-m	80 lb 36 kg	12378470 DEXRON III	5 Pints 2.3 Liters	24228422, 23
NV 243	Part Time (Electronic Shift)	1,785 lb-ft 2,420 N-m	84 lb 38 kg	12378508 Auto-Trak II	4.9 Pints 2.3 Liters	24228430
NV 246	Active On Demand	2,281 lb-ft 3,093 N-m	86 lb 39 kg	12378470 DEXRON III	5.1 Pints 2.4 Liters	24228403, 04, 10, 15, 20, 39
NV 261	Part Time	2,564 lb-ft 3,477 N-m	69 lb 31 kg	12378470 DEXRON III	5.1 Pints 2.4 Liters	24228409, 19
NV 261 HD	Part Time	5,430 lb-ft 7,362 N-m	77 lb 35 kg	12378470 DEXRON III	5.1 Pints 2.4 Liters	24228405, 35
NV 261 SHD	Part Time (Electronic Shift)	5,677 lb-ft 7,697 N-m	78 lb 35 kg	12378470 DEXRON III	5.1 Pints 2.4 Liters	24228406
NV 263 HD	Part Time	5,430 lb-ft 7,362 N-m	81 lb 37 kg	12378508 Auto-Trak II	4 Pints 1.9 Liters	24228407, 16, 36
NV 263 SHD	Part Time (Electronic Shift)	5,677 lb-ft 7,697 N-m	84 lb 38 kg	12378508 Auto-Trak II	4 Pints 1.9 Liters	24228411, 17

**GM POWERTRAIN CONTACT CENTER: 866.453.4123**

# GM Parts Transfer Case – Available Actuator Motors



First Year	Last Year	Transfer Case Family	Application	Actuator Motor
1998	2005	NVG 246 HD 1st Gen, non pre-load	MT1 - 4L80E	<b>12474401</b>
1998	2005	NVG 246, 1st Gen, non pre-load	M30 - 4L60E	<b>12474401</b>
		NVG 261 HD	MT1, MW3, 4L85/Manual	<b>Manual Shift</b>
		NVG 261 SHD	ML6, M74 Manual	<b>Manual Shift</b>
2001	2002	NVG 263 HD	4L80/85E	<b>12478096</b>
2002	2009	NVG 226 HD	4L60E TrailBlazer	<b>89059275</b>
		NVG 120	2006 SUV 305, 360, 370	<b>Full-time AWD</b>
1998	2005	NVG 246, 2nd Gen, pre-load	M30 - 4L60E	<b>12474401</b>
2001	2002	NVG 263 SHD	M74 Manual	<b>12478096</b>
1992	2005	NVG 233	4L60E - T-Truck	<b>15636696</b>
1998	2005	NVG 246 HD, 2nd Gen, pre-load	4L80/85E	<b>12474401</b>
2003	2009	NVG 263 EAU HD	MT1 - 4L80E	<b>88962312</b>
2003	2009	NVG 263 SHD EAU	M74 Manual	<b>88962312</b>
		NVG 261 LD	4L60E	<b>Manual Shift</b>
		NVG 261 LD	Manual	<b>Manual Shift</b>
2003	2007	NVG 246 LD EAU	4L60E (GMT800)	<b>88962314</b>
2003	2007	NVG 246 LD EAU	4L60E (GMT900)	<b>88962314</b>
1998	2005	NVG 236	M30 - T-Truck	<b>12474401</b>
		NVG 241	M30 - 4L60E	<b>Manual Shift</b>
		NVG 241	MT1 - 4L80E	<b>Manual Shift</b>
		NVG 241	Manual	<b>Manual Shift</b>
		NVG 149	4L60E	<b>Full-time AWD</b>
1996	2000	NVG 243	4L60E	<b>12386247</b>
1996	2000	NVG 243 HD	4L60E	<b>12386247</b>

First Year	Last Year	Transfer Case Family	Application	Actuator Motor
1996	2000	NVG 243	MT1 - 4L80E	<b>12386247</b>
1998	2005	NVG 136	4L60E - L-Van	<b>12474041</b>
1998	2005	NVG 136	4L60E - T-Truck	<b>12474041</b>
2002	2009	NVG 126	4L60E - T-Truck	<b>89059278</b>
2003	2007	NVG 246 EAU	4L80/85E (GMT800)	<b>88962314</b>
2003	2007	NVG 246 EAU	4L80/85E (GMT900)	<b>88962314</b>
		NVG 261 HD1	MT1 - 4L80E	<b>Manual Shift</b>
2003	2009	NVG 263 HD1 3/8 pitch	MT1 - 4L80E	<b>88962312</b>
2003	2009	NVG 273 RD	GMC 4500, 5500	<b>88962312</b>
2004	2010	Isuzu T150 RD	Colorado/Canyon	<b>97317686</b>
2007	2011	MP 3023 ATC	NQH LD	<b>19256064</b>
2007	2011	MP 3023 ATC	NQH LD/MYC/09	<b>19256064</b>
2007	2011	MP 3023 ATC	NQH LD/HYBRID	<b>19256064</b>
2007	2011	MP 3024 ATC	NQH HD	<b>19256064</b>
2007	2010	MP 1625	NQF HD	<b>19256065</b>
2007	2010	MP 1626	NQF SHD	<b>19256065</b>
		MP 1222	NQG LD	<b>Manual Shift</b>
		MP 1222	NQG LD/MYC/09	<b>Manual Shift</b>
		MP 1225	NQG HD	<b>Manual Shift</b>
		MP 1226	NQG SHD	<b>Manual Shift</b>
2003	2011	BorgWarner 4482 & 4484	NR4 GMT800 SUV & H2	<b>19168728</b>
2003	2011	BorgWarner 4484	NR4 6L80 (MYC) 4L60E	<b>19168728</b>
2006	2011	BorgWarner 4493 & 4494	NR4 & NR6 H3	<b>19167720</b>

# GM Parts Engine Specification Chart



	GM Parts Engine (Long Block) New	GM Parts Engine (Long Block) REMAN	GM Parts Engine (Short Block) NEW	Typical Non-GM Engine REMAN	Rebuilt Non-GM Engine REMAN
<b>Advantages:</b>					
Designed and tested specifically for GM vehicles	Yes	Yes	Yes	Varies	Typically not
Factory-authorized OEM	Yes	Yes	Yes	No	No
GM-validated for consistent high-quality standards	Yes	Yes	Yes	No	No
Includes quality and durability updates	Yes	Yes	Yes	Varies	No
Past-model engines built with current-model technology	Yes	Yes	Yes	Varies	Typically not
Nationwide limited warranty—light-duty applications	3 years/ 100,000 miles*	3 years/ 100,000 miles*	2 years/ 24,000 miles*	Varies	Typically not
Nationwide limited warranty—medium-duty applications	18 months/ 100,000 miles*	18 months/ 100,000 miles*	1 year/ 12,000 miles*	Varies	Typically not
New cylinder block casting	Yes	No	Yes	No	No
New cylinder head and valve train assembly	Yes	No	N/A	No	No
New piston and ring assemblies and wrist pins	Yes	Yes	Yes	Yes	Yes
New crankshaft	Yes	Varies	Yes	No	No
New camshaft	Yes	Varies	N/A	No	No
New connecting rods	Yes	No	Yes	No	No
New bearings and seals	Yes	Yes	Yes	Yes	Yes
New gaskets and seals	Yes	Yes	Yes	Yes	Yes
New intake and exhaust valves	Yes	Yes	N/A	Yes	No
New flat lifters (if equipped)	Yes	Yes	N/A	Yes	Yes
New oil pump	Yes	Yes	Yes	Yes	Yes
New timing chain and components	Yes	Yes	N/A	Yes	Yes
Meets current emission standards OBDII, ULEV (Ultra-Low Emission Vehicle)	Yes	Yes	Yes	Varies	Varies
Supplier: Local GM dealer	Yes	Yes	Yes	No	Varies
Next- or same-day delivery	Yes	Yes	Yes	Varies	Varies
Free technical support from GM Powertrain Contact Center	Yes	Yes	Yes	No	No

\*Whichever comes first. Covers catalog applications only. See dealer for details.

**GM POWERTRAIN CONTACT CENTER: 866.453.4123**

# GM Parts Warranties

	Nationwide Limited Warranty	Fully Transferable Warranty	Parts & Labor Warranty
<b>GM Parts Powertrain</b>			
<b>Transmissions—</b>			
New and Remanufactured GM Parts Transmission	3 years/100,000 miles*	Yes	Yes
Medium-Duty Applications	18 months/100,000 miles*	Yes	Yes
Manual GM Parts Transmission	1 year/12,000 miles*	Yes	Yes
<b>Transfer Cases—</b>			
Remanufactured GM Parts Transfer Cases –For Light Trucks, 1995-2005	3 years/100,000 miles*	Yes	Yes
Medium-Duty Applications	2 years/24,000 miles*	Yes	Yes
<b>Engines—</b>			
New and Remanufactured GM Parts Long Block Engine	3 years/100,000 miles*	Yes	Yes
Medium-Duty Applications	18 months/100,000 miles*	Yes	Yes
New GM Parts Short Block Engine	2 years/24,000 miles*	Yes	Yes
Medium-Duty Applications	1 year/12,000 miles*	Yes	Yes

*Warranty available through GM dealers.*

*Qualified Installing Service Centers may perform warranty repair. See dealer for details.*

\*Whichever comes first. Covers catalog applications only. See dealer for details.