PERFORMANCE SUPERMATIC™ TORQUE CONVERTERS

The SuperMatic™ Torque Converters from Chevrolet Performance are designed to provide long life when matched with a SuperMatic™ Transmission. Each converter incorporates the following features:

- Steel billet front cover
- Custom stator
- Fully furnace-brazed pump and turbine
- Designed for Chevrolet Performance crate engines and automatic transmissions
- "Heavy-duty" lock-up clutch
- All internal components static balanced
- Fully vector balanced as an assembly
- No external adapters needed to fit Chevrolet Performance crate engines

NOTE: *Must use 14-inch (168-tooth) flexplate with Supermatic torque converters unless noted.*

Part Number	Stall Range	Application
19299800	2,400–2,800 rpm stall	4L60/65/70/75-E (late "LS" V-8 transmission) mate to early Gen 1 SB/BB (dual bolt pattern – 10.75" and 11.5")
19299801	3,000–3,400 rpm stall	4L60/65/70/75-E (late "LS" V-8 transmission) mate to early Gen 1 SB/BB (dual bolt pattern – 10.75" and 11.5")
19299802	2,400–2,800 rpm stall	4L60/65/70/75-E (late "LS" V-8 transmission) mate to LS V-8 engine (single bolt pattern – 11.062")
19299803	3,000–3,400 rpm stall	4L60/65/70/75-E (late "LS" V-8 transmission) mate to LS V-8 engine (single bolt pattern – 11.062")
19299804	2,400–2,800 rpm stall	4L80-E/4L85-E – mate to early Gen 1 SB/BB (dual bolt pattern – 10.75" and 11.5")
19299805	3,000–3,400 rpm stall	4L80-E/4L85-E – mate to early Gen 1 SB/BB (dual bolt pattern – 10.75" and 11.5")
19299806	2,400–2,800 rpm stall	4L80-E/4L85-E – mate to LS V-8 engine (extended pilot, single bolt pattern – 11.062")
19299807	3,000–3,400 rpm stall	4L80-E/4L85-E – mate to LS V-8 engine (extended pilot, single bolt pattern – 11.062")
19431972	2,400-2,800 rpm stall	6L80-E – mate to LS V8 engine (extended pilot, single bolt pattern - 281mm)
19431974	3,000–3,400 rpm stall	6L80-E – mate to LS V8 engine (extended pilot, single bolt pattern - 281mm)

Converters are a kit that includes converter-to-flexplate bolts and instructions.

BUILDER'S TIP

Slip Yoke Sizing

Installation of a Chevrolet Performance automatic transmission may require a new driveshaft. There are online resources to help determine the proper measurements for the length of the new driveshaft, but the manufacturer will also need to know the details for the slip yoke—the splined receiver at the front of the driveshaft that slides on to the output shaft of the transmission. Generally, they'll need the shaft diameter (also known as the barrel or seal diameter) and spline count for it. Here are the specs for Chevrolet Performance's automatic transmissions.

Transmission	Shaft Diameter	Spline Count
4L65-E, 4L70-E and 4L75-E	1.176-in.	27-spline
4L85-E	1.886-in.	32-spline
6L80-E	1.886-in.	32-spline
8L90-E*	1.886-in.	internal 32-spline
10L90-E	1.886-in.	32-spline
6-Speed Manual	N/A	26-spline input, 31-spline output

**Chevrolet Performance includes the yoke with this transmission.*

Torque Converter Quick Reference Chart

Automatic Transmission Torque Converter Match Listing

Engine P/N	Description	Displac.	hp	Torque	4L60 Family		4L80 Family	
					Fits SuperMatic 4L65-E, 4L70-E (LS bell) and 4L75-E		Fits SuperMatic 4L85-E	
					Converter P/N	Stall Range	Converter P/N	Stall Range
Chevy Small-Block V-8								
19435436	350 HO Turn-Key	350 cu in	333	381	19299800	2,400–2,800	N/A	N/A
19435435	350 HO Deluxe	350 cu in	333	381	19299800	2,400–2,800	N/A	N/A
19435434	350 HOBase	350 cu in	333	381	19299800	2,400–2,800	N/A	N/A
19435437	SP350/357 Base	350 cu in	357	407	19299800	2,400–2,800	19299804	2,400–2,800
19435438	SP350/357 Deluxe	350 cu in	357	407	19299800	2,400–2,800	19299804	2,400–2,800
19435439	SP350/357 Turn-Key	350 cu in	357	407	19299800	2,400–2,800	19299804	2,400–2,800
19435440	SP350/385 Base	350 cu in	385	405	19299801	3,000–3,400	19299805	3,000–3,400
19435442	SP350/385 Turn-Key	350 cu in	385	405	19299801	3,000–3,400	19299805	3,000–3,400
19435443	ZZ6 Base	350 cu in	405	406	19299801	3,000–3,400	19299805	3,000–3,400
19435445	ZZ6 Turn-Key	350 cu in	405	406	19299801	3,000–3,400	19299805	3,000–3,400
19435446	ZZ6 EFI Deluxe	350 cu in	420	408	19299801	3,000–3,400	19299805	3,000–3,400
19435447	ZZ6 EFI Turn-Key	350 cu in	420	408	19299801	3,000–3,400	19299805	3,000–3,400
19435448	HT383	383 cu in	323	444	19299800	2,400–2,800	19299804	2,400–2,800
19435451	SP383 Deluxe	383 cu in	435	445	19299801	3,000–3,400	19299805	3,000–3,400
19435453	SP383 EFI Deluxe	383 cu in	450	436	19299800	2,400–2,800	19299804	2,400–2,800
19435454	SP383 EFI Turn-Key	383 cu in	450	436	19299800	2,400–2,800	19299804	2,400–2,800
Chevy LS/LT/LSX V-8								
19435098	LS3 6.2L	6.2L	430	425	19299802	2,400–2,800	19299806	2,400–2,800
19421057	LS3 6.2L – E-ROD Kit Automatic	6.2L	430	425	19299802	2,400–2,800	19299806	2,400–2,800
19435100	LS376/480	6.2L	495	473	19299803	3,000–3,400	19299807	3,000–3,400
19435104	LS376/525	6.2L	525	486	19299803	3,000–3,400	19299807	3,000–3,400
19434599	DR525 with Gen IV F car oil pan	6.2L	525	498	N/A	N/A	N/A	N/A
19434600	DR525 with muscle car oil pan	6.2L	525	494	N/A	N/A	N/A	N/A
19432776	LSX376-B8	6.2L	476	475	19299802	2,400–2,800	19299806	2,400–2,800
19417356	LSX376-B15	6.2L	473	444	N/A	N/A	N/A	N/A
19417357	LSX454 (with 4L75-E)	7.4L	627	586	19299803	3,000–3,400	19299807	3,000–3,400
19431953	LT1 6.2L with wet sump	6.2L	455	455	19299802	N/A	19299802	N/A
19433063	LT1 – E-ROD with wet sump (w/4L70-E)	6.2L	455	455	19299802	2,400–2,800	N/A	N/A
19431955	LT4 6.2L SC with wet sump	6.2L	650	650	19299802	2,400–2,800	24290217	N/A
19433071	LT4 – E-ROD with wet sump (w/4L75-E)	6.2L	650	650	19299802	2,400–2,800	19299806	N/A
Chevy Big-Block V-8								
19331572	ZZ427/480 Deluxe	427 cu in	480	490	19299801	3,000–3,400	19299805	3,000–3,400
19433409	454 HO	454 cu in	438	500	19299800	2,400–2,800	19299804	2,400–2,800
19433410	ZZ454/440 Deluxe	454 cu in	469	519	19299800	2,400–2,800	19299804	2,400–2,800
19433156	HT502	502 cu in	406	541	19299800	2,400–2,800	19299804	2,400–2,800
19433157	502 HO	502 cu in	461	558	19299800	2,400–2,800	19299804	2,400–2,800
19433162	ZZ502/502 Deluxe	502 cu in	508	580	19299801	3,000–3,400	19299805	3,000–3,400
19421200	SP502/605 Deluxe	502 cu in	605	580	19299801	3,000–3,400	19299805	3,000–3,400
19331583	ZZ572/620 Deluxe (w/4L85-E)	572 cu in	621	645	19299803	3,000–3,400	19299805	3,000–3,400
19331585	ZZ572/720R Deluxe (w/4L85-E)	572 cu in	727	680	N/A	N/A	19299805	3,000–3,400

SPECIAL NOTE: *SuperMatic™ 6L80-E, 8L90-E, and 10L90-E transmissions from Chevrolet Performance are shipped with a torque converter and transmission control module installed. 6L80-E works with LS, LSX and LT engines, 8L90-E and 10L90-E works with LT engines only. 6L80-E offers two stall speed options, 8L90-E and 10L90-E offer only one stall speed. See Pages 32-34 for transmission part numbers with desired stall speed.*