

## Technical specifications - 6 speed transmission 6L50

<b>Type</b>	Six speed RWD / AWD, electronically controlled automatic overdrive transmission with torque converter clutch. Clutch-to-clutch architecture, with integral Electro / Hydraulic Controls Module
<b>Maximum engine power</b>	315 bhp (235 kw)
<b>Maximum engine torque</b>	332 lb-ft (450 Nm)
<b>Maximum gearbox torque</b>	480 lb-ft (651 Nm)
<b>Gear ratios :</b>	MYB
<b>First</b>	4.060
<b>Second</b>	2.370
<b>Third</b>	1.550
<b>Fourth</b>	1.160
<b>Fifth</b>	0.850
<b>Sixth</b>	0.670
<b>Reverse</b>	3.200
<b>Maximum shift speed</b>	7000 tpm
<b>Maximum Validated Weights (target)</b>	GCW: 6613 lb (3000 kg), GCVW: 12505 lb (5672kg)
<b>7-position quadrant</b>	P, R, N, D, X, X, X (X = available calibratable range position )
<b>Case description</b>	3-piece (Bell, main, extension)
<b>Case material</b>	die cast aluminum
<b>Shift pattern</b>	(2) Three-way on/off solenoids
<b>Shift quality</b>	Five variable bleed solenoid
<b>Torque converter clutch</b>	Variable Bleed Solenoid ECCC
<b>Converter size</b>	240,258 mm (reference)
<b>Fluid type</b>	DEXRON® VI
<b>Fluid capacity: w/ 258 &amp; 300mm converter</b>	9.1 kg
<b>Transmission weight: w/ 258 &amp; 300mm converter</b>	wet: 85-90 kg ( 187-198 lb ) estimated
<b>Pressure taps available</b>	line pressure
<b>Assembly Site</b>	Punch Powerglide Strasbourg
<b>Available Control Features</b>	Multiple Shift Patterns (Selectable)
	Driver Shift Control (Tap Up / Tap Down)
	Enhanced Performance Algorithm Shifting (PAS)
	Selectable Tow / Haul Mode
	Engine Torque Management On All Shifts
	Altitude and Temperature Compensation
	Adaptive Shift Time
	Neutral Idle
	Reverse Lockout
<b>Additional Features</b>	Automatic Grade Braking
	OBDII / EOBD
	Integral Electro/Hydraulic Controls Module (Tehcm)
<b>Applications</b>	Control Interface Protocol - GMLAN
	Chevrolet Camaro Coupe et Convertible