

Engine

Model	280	280 C	280 S		
Chassis Type	114.060	114.073	116.020		
Engine Type	110.921/922				
Year	1976	1975	1974	1973	
Operation	Four stroke, gasoline engine with carburetor				
Number of cylinders	6				
Arrangement of cylinders	upright in line				
Bore/stroke	mm(ins.) 86/78 (3.39/3.10)				
Total eff. piston displacement	cm ³ (cu. ins.) 2746 (167.6)				
Compression ratio	9 : 1	8 : 1	9 : 1	8 : 1	
Firing order	1-5-3-6-2-4				
Max. engine rpm	6500				
Engine output	SAE net bhp/rpm	160/5500	145/5500	160/5500	130/5000
Max. torque	SAE net ft. lb/rpm	165/4000	154/4000	165/4000	150/3500
Crankshaft bearings	7				
Valve arrangement	overhead				
Camshaft arrangement	DOHC				
Oil cooling	None				
Cooling	Water circulation pump, thermostat with by-pass line, finned tube radiator, fan with viscous coupling				
Lubrication	Forced oil circulation via gear-type oil pump				
Oil filter	Full-flow filter				
Air filter	Air filter with paper cartridge				

00 Technical data

Filling Capacities

Model		280	280 C	280 S	
Chassis Type		114.060	114.073	116.020	
Engine Type		110.921/922			
Year		1976	1975	1974	1973
Engine	Initial filling	Engine oil approx. ltr. (US qt)			7 (7.4)
	Oil and filter change	Engine oil approx. ltr. (US qt)			6.5 (6.9)
	Oil pan up to max. marking on oil dipstick	Engine oil max. ltr. (US qt)			6 (6.3)
	Oil filter	Engine oil approx. ltr. (US qt)			0.6 (0.62)
Cooling system with heater		Coolant approx. ltr. (US qt)	11 (11.6)	10.5 (11)*	11 (11.6)
Water pump		maintenance free			
Brake system		Brake fluid approx. ltr. (US qt)	0.5 (0.53)		
Autom. Transmission	Initial filling/ fluid change	Autom. transmission fluid (ATF) approx. ltr. (US qt)	6.6/5.3 (7.0/5.6)		
Power steering		Autom transmission fluid (ATF) approx. ltr. (US qt)	1.4 (1.5)		

*110.922 (280 S) = 11 ltr./11.6 qt

Engine

Model	280 E	280 CE	280 SE
Chassis Type	123.033	123.053	116.024
Engine Type	110.984/985		
Year	1980/1981	1979	1978 1977
Operation	Four stroke, gasoline engine, mechanical (CIS) fuel injection with airflow sensor		
Number of cylinders	6		
Arrangement of cylinders	upright in line		
Bore/stroke	mm (ins.) 86/78 (3.39/3.10)		
Total eff. piston displacement	cm ³ (cu. ins.) 2746 (167.6)		
Compression ratio	8 ± 0.4 : 1	8 : 1	
Firing order	1-5-3-6-2-4		
Max. engine rpm	6400	6500	
Engine output	SAE net bhp/rpm	140/5500	142/5750 ¹⁾ 137/5750 ²⁾
Max. torque	SAE net ft. lb/rpm	145/4500	149/4600 ¹⁾ 142/4600 ²⁾
Crankshaft bearings	7		
Valve arrangement	overhead		
Camshaft arrangement	DOHC		
Oil cooling	None		
Cooling	Water circulation pump, thermostat with by-pass line, finned tube radiator, fan with viscous coupling		
Lubrication	Forced oil circulation via gear-type oil pump		
Oil filter	Full-flow filter		
Air filter	Air filter with paper cartridge		

¹⁾ Federal
²⁾ California

00 Technical data

Filling Capacities

Model			280 E	280 CE	280 SE
Chassis Type			123.033	123.053	116.024
Engine Type			110.984/985		
Year			1980/1981	1979	1978 1977
Engine	Initial filling	Engine oil approx. ltr. (US qt)	6.5 (6.9)	7 (7.4)	
	Oil and filter change	Engine oil approx. ltr. (US qt)	6 (6.3)	6.5 (6.9)	
	Oil pan up to max. marking on oil dipstick	Engine oil max. ltr. (US qt)	5.4 (5.7)	6 (6.3)	
	Oil filter	Engine oil approx. ltr. (US qt)	0.6 (0.62)		
Cooling system with heater		Coolant approx. ltr. (US qt)	10 (10.6) *		
Water pump			maintenance free		
Brake system		Brake fluid approx. ltr. (US qt)	0.5 (0.53)		
Autom. Trans- mission	Initial filling/ fluid change	Autom. transmission fluid (ATF) approx. ltr. (US qt)	6.6/5.3 (7.0/5.6)		
Power steering		Autom transmission fluid (ATF) approx. ltr. (US qt)	1.4 (1.5)		

*110.985 (280 SE) = 11 ltr./11.6 qt