

## Engine Specifications

	4.0 Liter NA	4.0 Liter SC
Configuration	90° V8	90° V8
Cylinder Head	Dual overhead camshafts, 4 valves per cylinder	
Valve Clearances (Cold):		
Intake	0.18 to 0.22 mm	0.18 to 0.22 mm
Exhaust	0.23 to 0.27 mm	0.23 to 0.27 mm
Spark Plug Type	PFR6G-13E	PFR6G-13E
Spark Plug Gap	1.2 to 1.3 mm	1.2 to 1.3 mm
Firing Order	1A, 1B, 4A, 2A, 2B, 3A, 3B, 4B	
Bore	86 mm (3.386 in)	86 mm (3.386 in)
Stroke	86 mm (3.386 in)	86 mm (3.386 in)
Displacement	3.996 liters (244 in <sup>3</sup> )	3.996 liters (244 in <sup>3</sup> )
Compression Ratio	10.75 : 1	9.00 : 1
Maximum Power (DIN)	216 kW (290 BHP) at 6100 RPM	276 kW (370 BHP) at 6150 RPM
Maximum Torque (DIN)	393 Nm (290 lbf.ft) at 4250 RPM	525 Nm(387 lbf.ft) at 3600 RPM
Maximum Speed (Limited)	6950 RPM	6200 RPM
Coolant Type	Water and antifreeze D542 (see Service Manual for mixture ratio)	
Coolant Volume (Complete System)	10 liters (2.65 galls)	12 liters (3.17 galls)
Oil Specification*	SAE 5W30	SAE 5W30
Oil Volume (Approximate)	6.5 liters (6.88 quarts)	7.5 liters (7.95 quarts)
Weight (Approximate, With Accessories)	200 kg (441 lb)	227 kg (500 lb)

\*Initial fill: Other grades are acceptable, depending on prevailing ambient temperatures; see Service Manual for details.