

**Engine**

Model	107.048	126.035	126.039	126.045
Sales designation	560 SL	420 SEL	560 SEL	560 SEC
Engine	117.967	116.965	117.968	117.968
Operation	4-cycle, electronic/mechanical gasoline injection system with airflow sensor (CIS-E)	4-cycle, electronic/mechanical gasoline injection system with airflow sensor (CIS-E)	4-cycle, electronic/mechanical gasoline injection system with airflow sensor (CIS-E)	4-cycle, electronic/mechanical gasoline injection system with airflow sensor (CIS-E)
Number of cylinders	8	8	8	8
Cylinder arrangement	V-shaped 90°	V-shaped 90°	V-shaped 90°	V-shaped 90°
Bore/stroke mm	96.50/94.80	92.00/78.90	96.50/94.80	96.50/94.80
Total effective piston displacement cc	5547	4196	5547	5547
Compression ratio	9.0:1	9.0:1	9.0:1	9.0:1
Firing order	1-5-4-8-6-3-7-2	1-5-4-8-6-3-7-2	1-5-4-8-6-3-7-2	1-5-4-8-6-3-7-2
Maximum speed rpm	6000 ± 50	6000 ± 50	6000 ± 50	6000 ± 50
Engine output (SAE)kW/rpm (SAE net bhp/rpm)	170/4750 (227/4750)	150/5200 (201/5200)	178/4800 (238/4800)	178/4800 (238/4800)
Maximum torque Nm/rpm (net lb-ft./rpm)	380/3250 (279/3250)	310/3600 (228/3600)	390/3500 (287/3500)	390/3500 (287/3500)
Crankshaft bearings	5	5	5	5
Valve arrangement	Overhead/hydraulic lifters	Overhead/hydraulic lifters	Overhead/hydraulic lifters	Overhead/hydraulic lifters
Camshaft arrangement	OHC, one per cylinder bank	OHC, one per cylinder bank	OHC, one per cylinder bank	OHC, one per cylinder bank
Oil cooling	none	none	none	none
Cooling	Coolant circulating pump, thermostat with bypass line, fan with visco fan clutch, finned tube radiator	Coolant circulating pump, thermostat with bypass line, fan with visco fan clutch, finned tube radiator	Coolant circulating pump, thermostat with bypass line, fan with visco fan clutch, finned tube radiator	Coolant circulating pump, thermostat with bypass line, fan with visco fan clutch, finned tube radiator
Lubrication	Pressure lubrication via gear type pump	Pressure lubrication via gear type pump	Pressure lubrication via gear type pump	Pressure lubrication via gear type pump
Oil filter	Full flow filter	Full flow filter	Full flow filter	Full flow filter
Air cleaner	Dry paper cartridge	Dry paper cartridge	Dry paper cartridge	Dry paper cartridge

**Filling capacities**

Model	107.048	126.035	126.039	126.045
Sales designation	560 SL	420 SEL	560 SEL	560 SEC
Engine	117.967	116.965	117.968	117.968
Fuel tank/reserve approx. l	85/11.5	90/12.5	90/12.5	90/12.5
Engine oil initial filling approx. l	8.5	8.5	8.5	8.5
During oil and filter change approx. l	8.0	8.0	8.0	8.0
Marks on dipstick max./min. approx. l	7.5/5.5	7.5/5.5	7.5/5.5	7.5/5.5
Cooling system with heater approx. l	12.5	12.5	12.5	12.5
Coolant pump	maintenance-free	maintenance-free	maintenance-free	maintenance-free
Brake system approx. l	0.53	0.53	0.53	0.53
Automatic transmission approx. l initial fill/oil change	8.6/7.7	8.6/7.7	8.6/7.7	8.6/7.7
Level control approx. l	-	-	-	3.5
Rear axle hypoid gear oil SAE 90 approx. l	-	1.3	-	-
MB limited slip differential oil approx. l	1.3		1.3	1.3
Power steering approx. l	1.4	1.2	1.2	1.2

**Electrical system**

Model		107.048	126.035	126.039	126.045
Sales designation		560 SL	420 SEL	560 SEL	560 SEC
Engine		117.967	116.965	117.968	117.968
Battery	Voltage Capacity	12 V 92 Ah	12 V 66 Ah	12 V 92 Ah	12 V 92 Ah
Starter	Bosch	DW 12 V 1.5 kW	DW 12 V 1.5 kW	DW 12 V 1.5 kW	DW 12 V 1.5 kW
Alternator		14 V 70 A	14 V 80 A	14 V 80 A	14 V 80 A