OIL PUMP

Oil pump, type	Gear
number of teeth on each gear wheel	9
end float	0.20—0.10 mm (0.0080—0.0040″)
radial clearance	0.08—0.14 mm (0.0032—0.0055″)
backlash	0.15—0.35 mm (0.0060—0.0140″)

RELIEF VALVE SPRING (IN OIL PUMP)

Length, unloaded approx.	39.0 mm (1.54″)
loaded with 50±4 N (11.0±88 lb)	26.25 mm (1.03″)
70±8 N (15.4±1.7 lb)	21.0 mm (0.83″)

FUEL SYSTEM B20A, B20B

FUEL PUMP

Diaphragm type pump. Alt. 1 make	Pierburg (PE 15695)
Alt. 2 make	S.E.V. (20005012)
Fuel pressure, measured at same level as pump, 17—100 r/s (1000—6000 r/m)	min. 0.15 kp/cm² (2.1 p s i) max. 0.28 kp/cm² (4.0 p s i)

CARBURETORS

Stromberg, B 20 A

Type	Horizontal carburetor
Make and designation	Zenith-Stromberg 175 CD-2 SE
Number	1
Air intake diameter	41.3 mm (1.63″)
Fuel needle, designation	B 1 CC
Idling speed	11.7 r/s (700 r/m)
Oil for damping cylinders	"Automatic Transmission Fluid, Type A"

Stromberg, B 20 B

(Engine in car with right-hand drive)

Type	Horizontal carburetor
Make and designation	Zenith-Stromberg 175 CD-2 SE
Number	2
Air intake diameter	41.3 mm (1.63″)
Fuel needle, designation	B1 BL
Idling speed	13.4 r/s (800 r/m)
For cars with automatic transmission	11.7 r/s (700 r/m)
Oil for damping cylinders	"Automatic Transmission Fluid, Type A"

SU, B 20 B

Type	Horizontal carburetor
Make and designation	SU-HIF 6
Number	2
Air intake diameter	41.3 mm (1.63″)
Fuel needle, designation	BAZ
cars for Canadian market, designation	BBB
Idling speed	13.4 r/s (800 r/m)
For cars with automatic transmission	11.7 r/s (700 r/m)
Oil for damping cylinders	"Automatic Transmission Fluid, Type A"

CO-test

Hot engine, idling speed	2.5 %

FUEL SYSTEM B 20 E and B 20 F

FUEL FILTER

Type	Paper filter
Changing intervals	20 000 km (12 000 miles)

FUEL PUMP

Type	Rotor pump
Capacity	1.67 dm³/s (22 Imp. galls = 26 US galls/h at 28 p s i)
Current consumption	5 amps
Relief valve opens	approx. 4.5 kp/cm² (64 p s i)