

## **1974 Alfa Romeo Montreal #0210 and Technical Information**

- Chassis No: AR 1440210
  - Engine No: AR 00565 S 010
  - Body No: F 2878
  - Date of Manufacture: October, 1974
  - Australian Delivered with Australian Compliance Plate
  - 1 of 104 Examples Produced in RHD Configuration
  - Original Engine and Transmission
- 2+2 seat fixed head coupe with integral construction steel body by Bertone.
- Engine type: 90 degree V8 with fully counter-weighted, sintered metal, cross-plane crankshaft.
- Bore and Stroke: 80 X 64.5 mm.
- Total Displacement: 2593 cc.
- Compression ratio: 9.0 : 1
- Light alloy block and cylinder heads. Wet Liners.
- 4 chain-driven, 5 bearing overhead camshafts operating valves direct.
- Indirect mechanical fuel injection by Spica.
- Fed by twin Bosch Electric pumps.
- Fuel capacity: 63 liters. Reserve 8 liters.
- Dry sump lubrication. Min. pressure: 3.5 kg / cm<sup>2</sup> at top speed, warm.
- Total engine oil capacity: 11 liters.
- Gearbox: 1.6 liters
- Differential: 2.25 liters
- Burman gearbox: 0.36 liter

- Pressurized liquid cooling with Bosch Thermostatic Electric Fan. Capacity: 12 liters.
- ZF 5-speed Synchroma S 5-18/3 gearbox. Ratios: 2.99, 1.76, 1.30, 1.0 and 0.87:1. Reverse: 3.64 or 3.67:1
- ZF / Alfa Romeo limited-slip differential. Final drive ratio: 4.1:1
- Bosch Electronic Capacitive Discharge Ignition.
- Marelli Distributor.
- Spark plugs: Lodge 2HL or NGK BP7ES.
- Bosch 720 W Alternator, AD1/14V Regulator, 12V 64 AH Battery with cut-off switch,
- Negative earth, Bosch 12V / 1PS Starter Motor.
- Bosch Dual-speed Windscreen Wiper with controller.
- ATE Vacuum Servo-assisted, double circuit ventilated Disc Brakes with rear circuit pressure regulator.
- Front Diameter: 27.2 cm Rear Diameter: 28.4 cm
- Upgraded ATE BMW 4 Piston Front Calipers with braided steel lines.
- Front Suspension: Coil springs, double wishbones, telescopic adjustable Koni shock-absorbers, anti-roll bar with upgraded bushes.
- Upgraded Steering Reinforcement Plate Kit installed with Grade 10.9 fasteners.
- Rear Suspension: Coil springs, coaxial fully adjustable Koni shock-absorbers, twin reinforced trailing arms, reaction trunnion, anti-roll bar with upgraded bushes.
- Overall Dimensions: Length 4.22m Width: 1.672m Height: 1.205m. Front Track: 1.374m Rear Track: 1.34m. Wheelbase: 2.35m
- Min. Turning Radius: 5.5m

- Kerb Weight (full tank): 1270 kg. / 2.794 lbs.
- Weight Distribution: 55% Front 45% Rear
- Wheels: Campagnolo Elektron (Magnesium-Aluminium) Alloy. Size: 6.5J X 14" Weight: 5.8 kg
- Tires: Pirelli Cinturato CN36 Size: 205 / 70-VR 14
- Maximum power: 230 bhp SAE (200 bhp DIN) @ 6500 rpm.
- Maximum torque: 27.5 mkgSAE (24 mkg DIN) @ 4750 rpm. 5.5 kg/bhp SAE 6.35 kg/bhp DIN
- Quattroruote magazine 1972:
  - Maximum speed 224 km/h.
  - Standing 400 meters in 15.1 sec.
  - Standing 1 km in 27.6 sec.
  - 0 - 100 km/hr 7.1 sec.
- Road and Track magazine 1973:
  - 0 - 100 km/h indicated 7.5 sec.
- Alfa Romeo - Manufacturer 1975:
  - Maximum speed: 220 km/h
  - Standing 400 meters in 16.0 sec
  - Standing 1 km in 28.2 sec.
  - 0 - 100 km/h in 7.1 sec.
- The maximum speed is reduced by a few km/h when the headlamp shelters are retracted. It is 8.0 km/h slower for a vehicle without front spoiler.
- Fuel consumption is 13.7 liters / 100 km at full load by CUNA (Commissione Tecnica di Unificazione nell'Autoveicolo) standards. About 25 liters / 100 km at full power.