Austin 3-Litre General Data

Ignition

Spark Plug Gap..... 25 thou

Spark Plugs..... Champion N9Y

Points Gap .....15 thou

Firing Order 1.5.3.6.2.4

Timing.....4 degrees b.t.d.c (static) Stroboscopic.....6 degrees @600rpm (vacuum disconnected)

Battery 67 amp hour

Engine

Compression Ratio.....9.1

Valve Clearance (Cold) .....12 thou

Wheels and Tyres

Wheels.....5 stud 5J 14 steel wheels.

Tyres.....Dunlop SP68 OE equipment.

Tyre Pressures.....Front 28 p.s.i Rear 25 p.s.i, increase rear pressure by 3 p.s.i when fully laden.

Capacities and Fluids

Fuel Tank .....14.5 Gallons. 99 Octane is specified.

Engine Oil.....12 Pints (Including Filter) 20/50 Grade

Manual Gearbox.....5 Pints Overdrive Gearbox.....6 Pints. Use 20/50 Engine Oil

Automatic Gearbox.....13 Pints (Including 8.5 pints in Torque Converter.) Castrol TQF.

Rear Axle.....3 Pints. HD90 Oil.

Power Steering Fluid.....Castrol TQF.

Self Levelling Suspension Fluid, this fluid is available but is very expensive as it has to be made to order, normal engine oil will be more than adequate.

Cooling System..... 21.5 pints (including heater)

Weights

Manual Cars.....3347 lbs (1518kg)

Automatic and Overdrive Cars.....3377 lbs (1532 kg)

Ride Height

27 inches, this is measured from the front wheel arch to the ground, passing though the centre line of the wheel, the rear height is measured in the same way and should measure 26 ¾ inches if the suspension is working correctly. This is measured without the engine running.