

Lubrication

Type

Force feed, with remote full-flow filter and oil cooler

Oil Filter

Motorcraft EFL90, Crosland 637, with renewable element

Oil Pressure – hot

45 lb/in² (3.11 kN/m²)

Oil Cooler

In engine compartment

Oil Breather

Emission control valve, with hose to carburetter

Fuel System

Tank

Under rear of monocoque

Filler Caps

Twin caps, one on either side of car

Fuel Gauge

Calibrated $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, F

Fuel Pump

Mechanical, with integral filter

Carburetter

Twin choke downdraught, with automatic choke

Fuel Filter

On fuel pump

Air Cleaner

Pancake type, with renewable paper element

Ignition System

Type

Coil

Coil

Lucas 21C6

Distributor

72 GBAA 3GA Formoco

Contact Breaker gap 25 thou (0.64 mm)

Condenser

Formoco

Ignition Timing – static

10° before top dead centre

Firing Order

1 4 2 5 3 6

Sparking Plugs

AGR32 Motorcraft

Sparking Plug gap 23–27 thou (0.58–0.69 mm)

Transmission

Clutch

Borg & Beck, dia. 9 in (229 mm)

Drive to Gearbox

Renold "Triplex" chain in oil bath, with tensioner

Gearbox

AC 5-speed, all synchromesh

Ratios

1st – 3.242 : 1, 2nd – 1.947 : 1,
3rd – 1.403 : 1, 4th – 1.000 : 1,
5th – 0.835 : 1, reverse – 2.901 : 1

Final Drive

Ratio – 3.167 : 1

Effective Gearing

Road Speed at 1000 rev/min –
4th, 21.14 mph (35 km/h)
5th, 25.32 mph (41 km/h)

Wheels and Tyres

Wheels

Cast light alloy, 14in x 7in

Tyres

205 x 60 series, VR wet weather radial ply

Tyre Pressures

Front: 16–18 lb/in² (1.11–1.24 kN/m²)
Rear: 24–26 lb/in² (1.66–1.80 kN/m²)
For sustained speeds over
100 mph (160 km/h) increase
pressures by 6 lb/in² (0.41 kN/m²)

Steering

Type

Rack and pinion, 3.0 turns lock to lock

Brakes

System

Dual hydraulic, with tandem master cylinder

Brakes

Caliper disc

Front:

Dia. 10.92 in (27.74 mm)
Swept area, 116.40 in² (751 cm²)

Rear:

Dia. 10.09 in (25.73 mm)
Swept area, 78.23 in² (505 cm²)
Total swept area, 389.26 in²
(2512 cm²)

Handbrake

On rear discs

Dia. 10.09 in (25.73 mm)

Swept area, 78.23 in² (505 cm²)

Total swept area, 156.46 in² (1010 cm²)