

STEERING

Type

Steering angles - Camber

- Caster

- Swivel pin (kpi)

Toe - in

Condition for checking toe - in

Rock and pinion

Zero to $+1^{\circ}$ (Positive)

$3^{\circ} - 30'$ (Positive)

$9^{\circ} - 30'$

$3/16$ in. (4.76 mm.) to Zero

$6\frac{1}{2}$ in. (16.5 cm.) ground clearance at bottom of chassis closing plate (see section "C")

REAR SUSPENSION

Type

Spring - Number of coils

- Wire diameter

- Length - Free

- Fitted

- Rate

Wheel camber

Toe - in

Independent

9.7

.434 in. (11.02 mm.)

16.0 in. (40.6 cm.)

8.6 in. (21.8 cm.)

93 lbs. in. (1,071 kg.m.)

1° to Zero (Negative)

$3/16$ in. (4.76 mm.) to Zero

BRAKES

Make and type

Front brakes - Disc diameter

- Pads material

Rear brakes - Disc diameter

- Pads material

Handbrake - Type

- Pads material

Total disc run out

Girling hydraulic, servo assisted

10 in. (25.4 cm.)

Ferodo DS.30, Mintex M.33 or Ferodo FER 243QF

10 in. (25.4 cm.)

Ferodo DA.3

Mechanical, on rear only

Don. 117

.004 in. (110 mm.)

WHEELS AND TYRES

Wheel - Type

- Size

Tyres* - Type

- Size

Lorus "knock-on"

$5\frac{1}{2}$

Firestone F.100 tubeless or, Goodyear G800 with tubes or, Dunlop SP Sport with tubes

165 x 13

Tyres - Pressure (cold):	At speeds BELOW 100 mph (160 kph)	At sustained speeds ABOVE 100 mph (160 kph)
- Front	20 lbs.in.sq. (1.41 kg.cm.sq.)	26 lbs.in.sq. (1.83 kg.cm.sq.)
- Rear	24 lbs.in.sq. (1.69 kg.cm.sq.)	30 lbs.in.sq. (2.11 kg.cm.sq.)

NOTE: It is NOT necessary to increase the tyre pressures for any reason other than those given.

* If inner tubes are fitted, it is essential that these are of the correct type for radial ply tyres.

ELECTRICAL EQUIPMENT

Battery

Type	Exide 6 VTA 29 L
Capacity @ 20 hr. rating	39 amp.hr.
Voltage and polarity	12 volt positive earth (negative earth from 50/1087)

Fuses

Quantity	12 -- 'S' Type, 2 -- Others
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Generator

Type	Lucas C.40
Maximum output	22 amps. @ 2250 r.p.m.
Cutting-in speed	1450 r.p.m. Maximum @ 13.0 volts.
Field resistance	6.0 ohms.
Brush spring tension	30 ozs. (.85 kg.) Maximum 13 ozs. (.36 kg.) Minimum
Control box type	RB.106/2 or RB.340

Alternator

Type	Lucas 17 ACR
Maximum output (hot)	36 amps. @ 6,000 r.p.m.
Nominal system voltage	12
Earth polarity	Negative
Rotation	Clockwise from drive end
Number of poles	12
Stator phases	3
Slip ring brush length (new)	.5 in. (12.7 mm.)
Brush spring tension	7/10 ozs. (.19/.28 kg.) with brush face flush with brush box housing
Rotor winding resistance	4.165 \pm 5% ohms. @ 20° C.
Stator winding resistance	.133 ohms. per phase
Regulating voltage	14.1 to 14.5 volts.