

TECHNICAL DATA - TECHNICAL DATA

GENERAL MOTOR VEHICLE CONSTRUCTION REGULATIONS GUIDE

1. Vehicles weighing over 410 kg must have a reverse gear.
2. Collapsible steering column on vehicles after 1.7.72.
3. Burst proof locks and hinges on vehicles after 1.7.72.
4. Wings or bodywork must be designed to catch (prevent) water and mud spraying up.
5. Speedometer fitted and required to be accurate to plus 7% at 70 mph.
6. The design must allow the driver to have a full view of road and traffic ahead of vehicle.
7. Safety glass is required on all outside windows of vehicle, forward of the B pillar.
8. Windscreen wiper(s) are required if vision is through screen. flyscreens do not require wipers.
9. Windscreen washers to work in conjunction with wiper (as above).
10. Two mirrors are required - 1 externally on driver's side and the other either external or internal.
11. Horn must be fitted and working.
12. Fuel tanks of metal or polycarbonate - securely fixed and secure against damage. Provision for venting tank to prevent vapour locks.
13. Brakes: 4 wheel and mechanical handbrake.
14. Manufacturers plate to show: Manufacturers name, vehicle type, Chassis number.
15. Lighting and indicator requirements: (see illustrations)
16. All lights fitted must have an 'E' mark on the lens (the lights supplied by UVA are so marked).
17. Engines must be radio and TV suppressed.

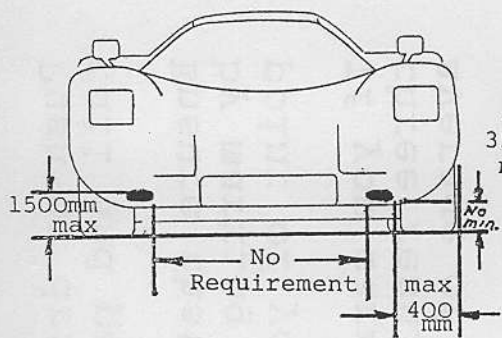
	Max Height	Min Height	Max Width From Side of Body	Min Width Between Lamps	Qty	Wattage
Front Lamps	1500mm	No	400mm	No	2	7 max
Head Lamps	1200mm	500mm	400mm	No	2	55 max
Rear Lamps (stop/tail)	1500mm	350mm	400mm	500mm	2	21/7 max
Rear Reflectors	900mm	350mm	400mm	500mm	2	
*Rear Fog Lamps	1000mm	250mm	No	No	1	25 max
Front Indicators	1500mm	350mm	400mm	500mm	2	
Rear Indicators	1500mm	350mm	400mm	500mm	2	

The above information is supplied as a guide and doesn't constitute the finite rules and regulations.

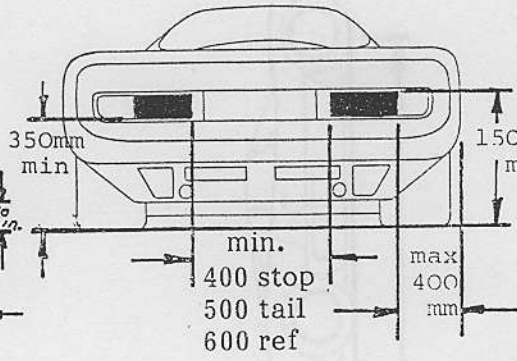
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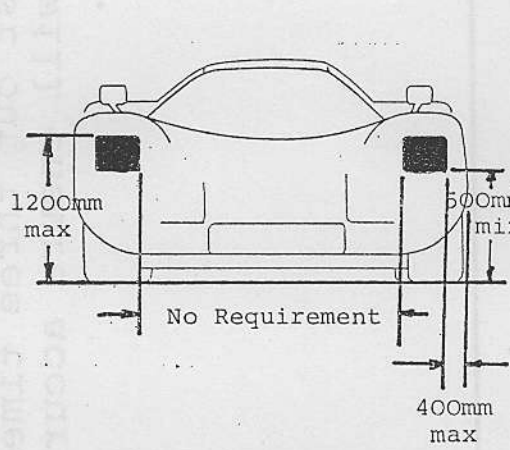
Front (Side) Lights



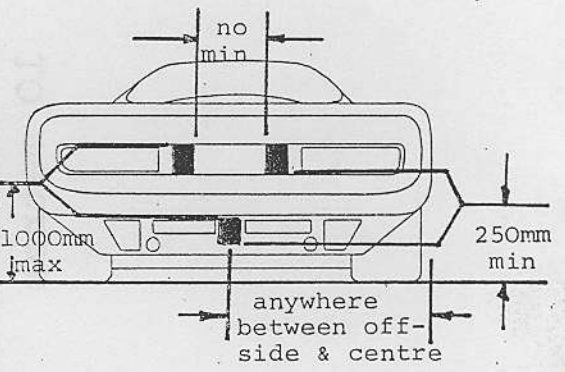
Rear Stop, Tail Lights & Reflectors

(Reflectors 900 mm. max.)

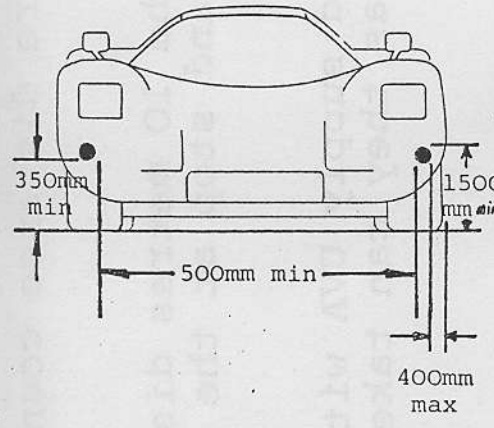
2 Rear Foglamps



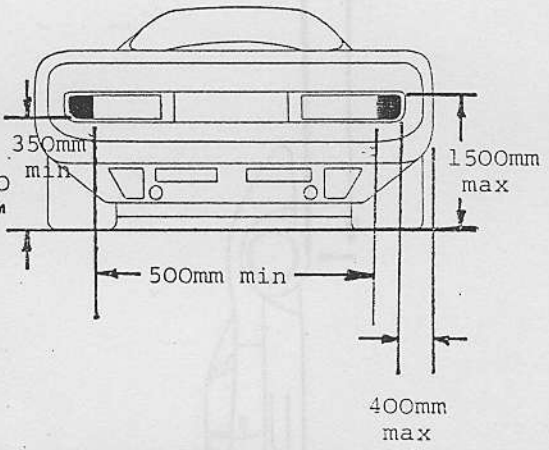
Dip & Main Beam Lamps



1 Rear Foglamp



Front Indicators
(Side Indicators are also required)

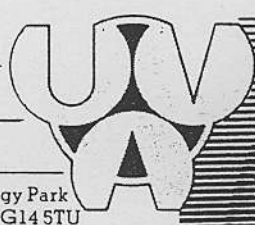


Rear Indicators

TD 41

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SPEEDO CALIBRATION CHECKING PROCEDURE

Cars generally have their speedometer calibration based on the wheel and tyre size (as in the case of the Beetle) and/or the differential ratio. These are the factors used by the speedometer manufacturer to establish the correct working of the speedometer for the correct speed reading. When building your kit and/or modifying your present vehicle, you are most probably starting fresh with an alternative differential ratio or different size tyres and wheels. To be able to supply you the correct speedometer, UVA will need you to carry out a small test. This involves the following:

1. Inflate your tyres to the correct pressure.
2. Measure out a distance of 10 metres (32ft 9 $\frac{3}{4}$ ins) in a straight line.
3. Unscrew the speedometer cable at the speedometer head (gauge).
4. Mark the inner cable on one side of it's square with a marker or piece of sticky paper.

6. Push or drive the vehicle over the 10 metre distance counting the full and partial turns of the cable.
7. Ensure that the vehicle travels exactly the 10 metres distance by marking the vehicle so that you start and stop at the same point of your car.
8. If you carry this test out three times and supply VVA with the three results, this will ensure accuracy as they can take a mean average of the three.

