Technical Notes – No. 003

Make – JAGUAR

Model – E Type

Applicable to Period F – Precision / Pre-63 GTS7

Issue #1

Homologation 34 Group GT

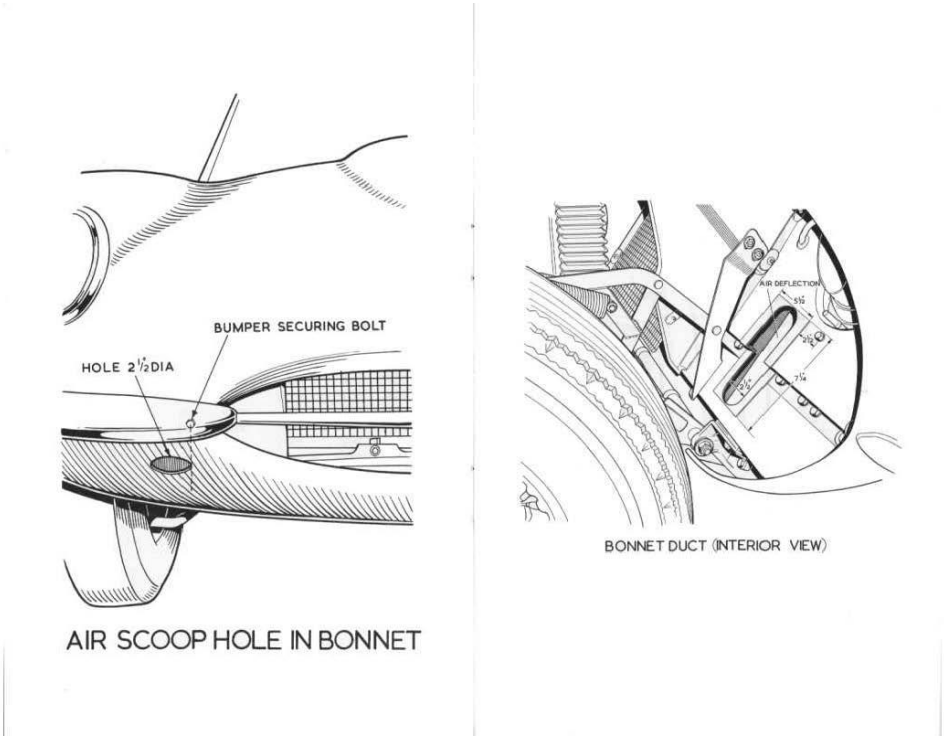
Item		Appendix K	Restriction/Note
1.	Wheelbase	2440mm	
2.	Front Track	1270mm	
3.	Rear Track	1295mm	**Max. optional homologated rear only reverse rim wheels**
4.	Minimum Weight	1118kg	
5.	Maximum Fuel Capacity	110 litres	
6.	Chassis	Monocoque and subframes	
7.	Brakes	**FR.** 279mm | Solid discs 2-pot Dunlop Mk9 **$2^{1/8}$ piston OD.** 12mm disc thickness **RE.** 254mm | Solid discs 2-pot Dunlop Mk9 **1¾ piston OD.** 12mm disc thickness	Hand brake mechanism must be retained, mounted and functional. **Cooling ducts must conform to the period Jaguar Competition manual design, alternatively to note below.** Under plate feeder below the chassis prior to engine bay is strictly forbidden. **See note 2**
8.	Suspension	**FR.** Upper and lower wishbones, telescopic damper and torsion bar **RE.** Lower wishbone and fixed length driveshaft, coilover telescopic damper	**FR.** Anti-Roll Bar is not adjustable. Fixed platform, single adjustable dampers only.
9.	Bodywork	Steel	No lightweight panels.
10.	Wheels & Tyres	15" Diameter **FR. & RE.** 5"	Wire wheels only. Tyre dimensions are not limited but you may be reminded that achieving the maximum track at any times during the Competition is mandatory.
11.	Dashboard	Production	
12.	Steering	Rack & pinion	
13.	Engine capacity	3781cc 87x106 Bore/Stroke	Maximum rebore as per Homologation/Appendix K. No aluminium block.
14.	Ignition	Distributor/Coil/Breakers	Electronic Magic eye authorized.
15.	REV limitation	MSD 6AL (ref: MSD PN 6425 or 6420) mandatory. Set @6250PM	
16.	Intake	3x SU HD8	50.8mm diameter at carburetor flange 40mm diameter at port.
17.	Exhaust	As per Homologation Page 4	Cast iron only.

			34.92x53.97mm flange hole at port 47.62mm at silencer pipe output
18.	Clutch	Single plate / Slave cylinder	No concentric mechanism allowed
19.	Gearbox	4-speed Moss/Jaguar Ratios as homologated Straight cut allowed	No dog engagement allowed.
20.	Differential	Salisbury 4HU LSD	Cast iron only
21.	Generator	Dynamo or Dynator	

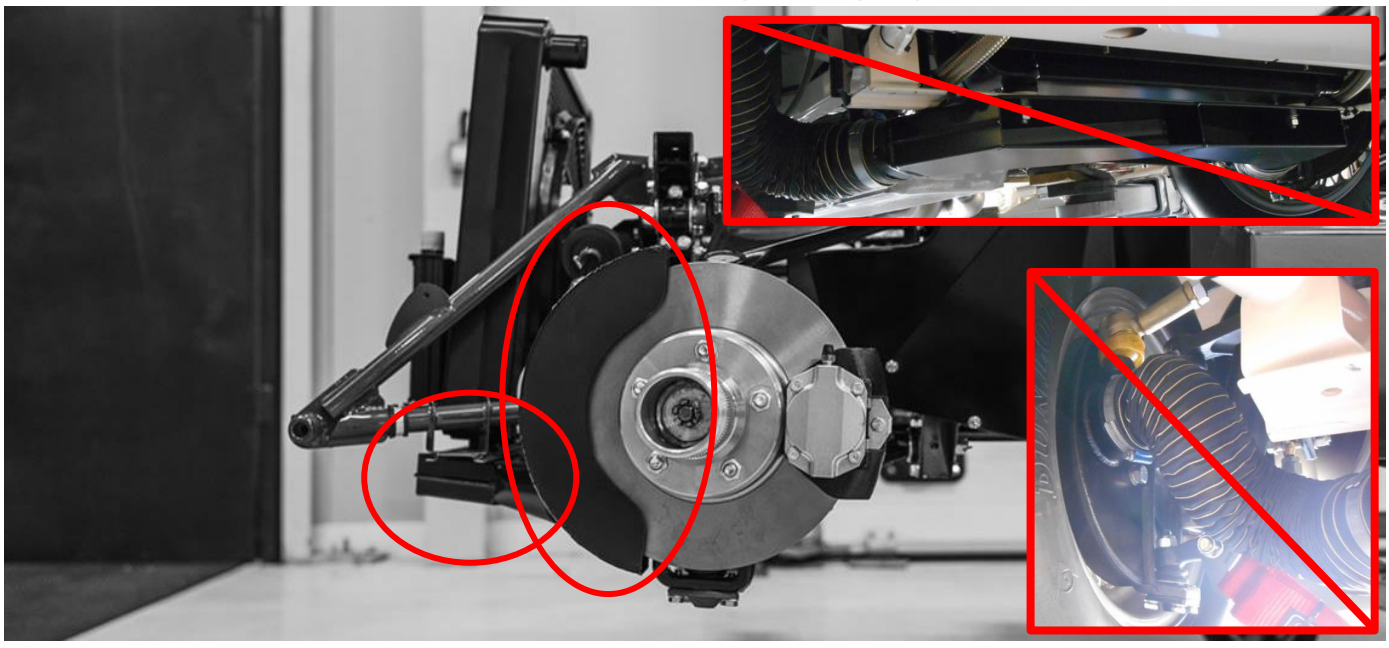
Note 2 – Brake ducts

Extract from the 1962 Jaguar publication "Tuning & Preparation of E Type cars for competition use"

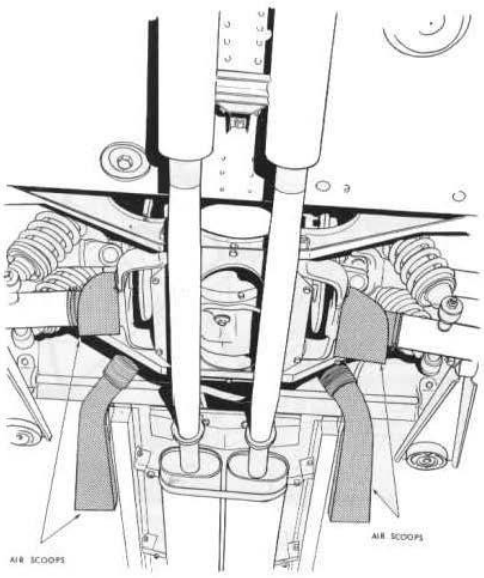
Front version.



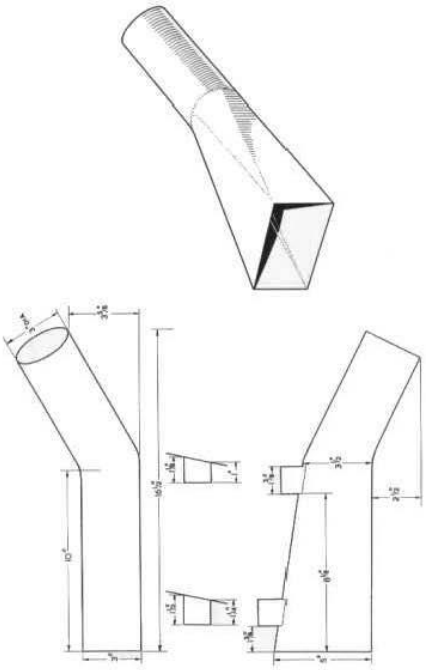
A back plate guide to catch the air and route it to the back of the front upright is allowed.
Closed aluminium routing over disc and ducting from feeder hole is forbidden.
Under radiator feeder plates equally.



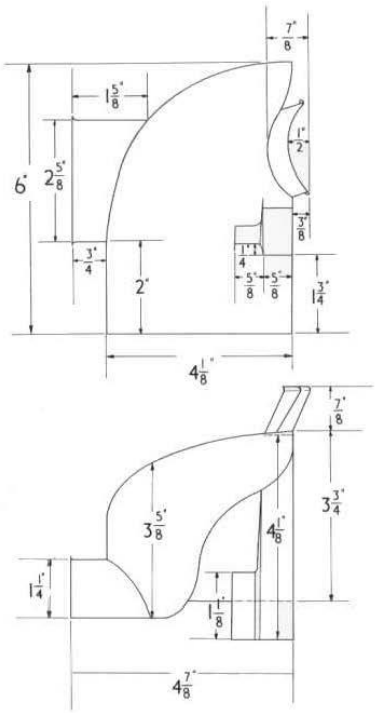
Rear version.

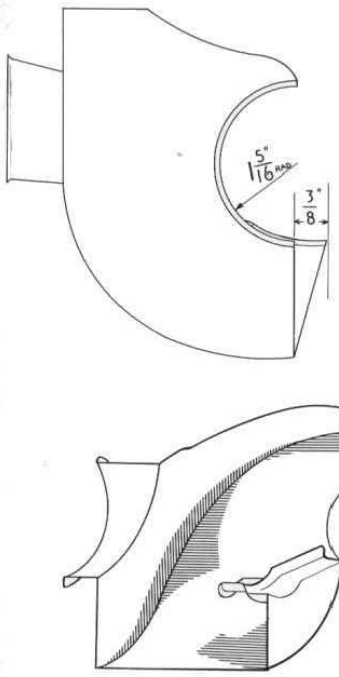


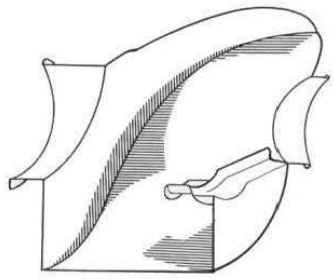
POSITIONS OF REAR BRAKE AIR SCOOPS



REAR AIR SCOOP (MOUNTED ON BODY)

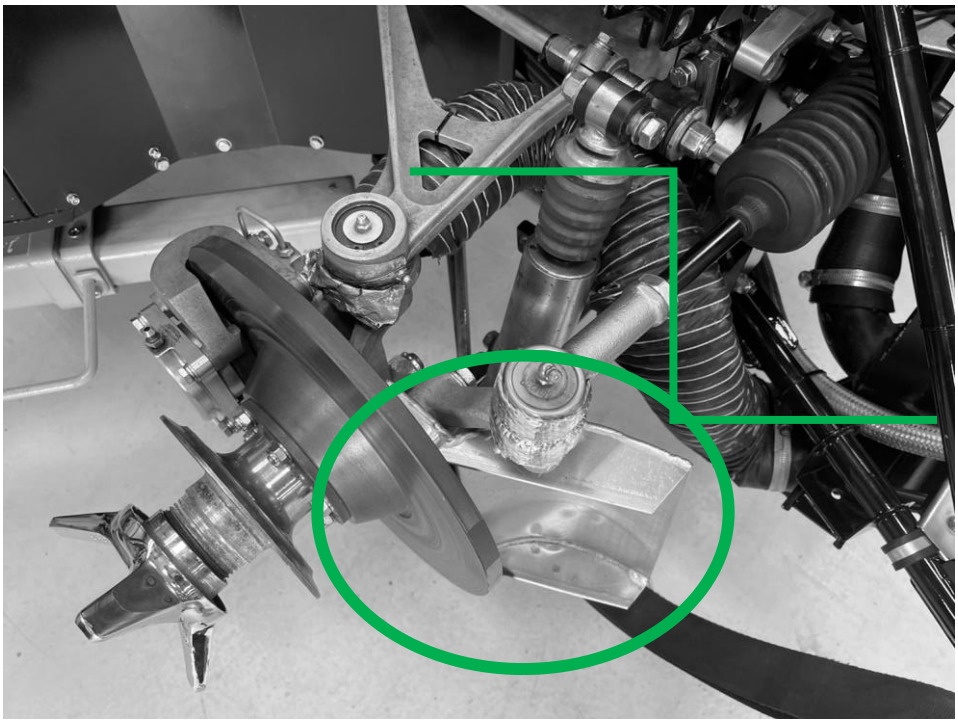




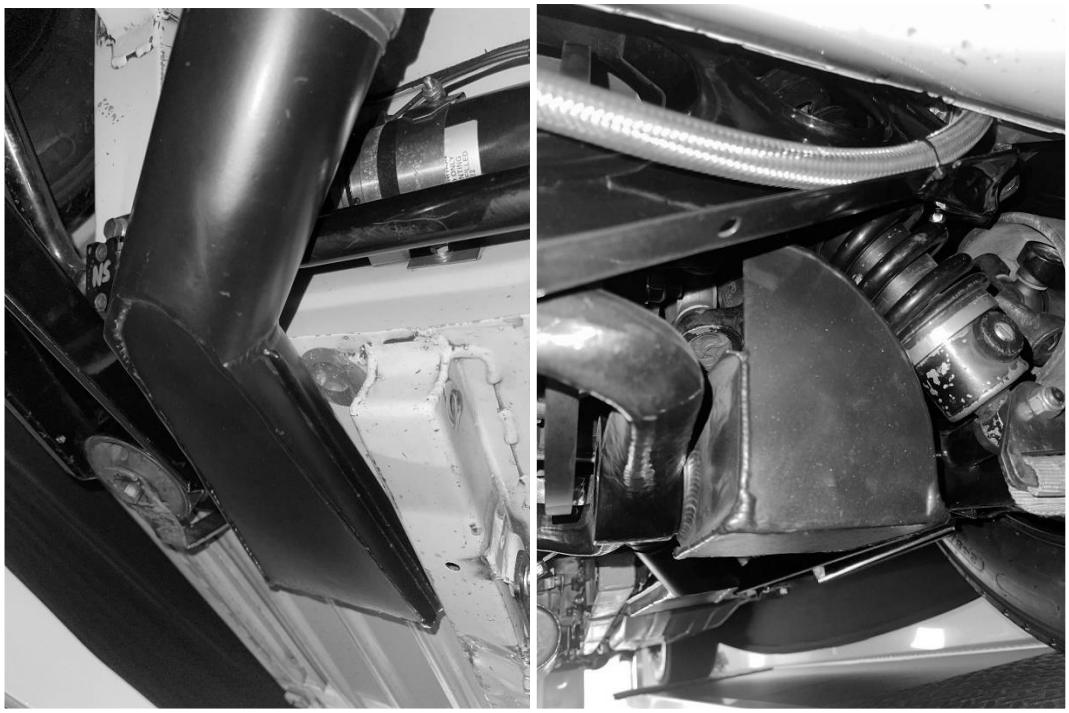


REAR SCOOP-MOUNTED ON LOWER WISHBONE
TO DEFLECT AIR ONTO THE DISCS.

Acceptable Front and Rear brake ducts.

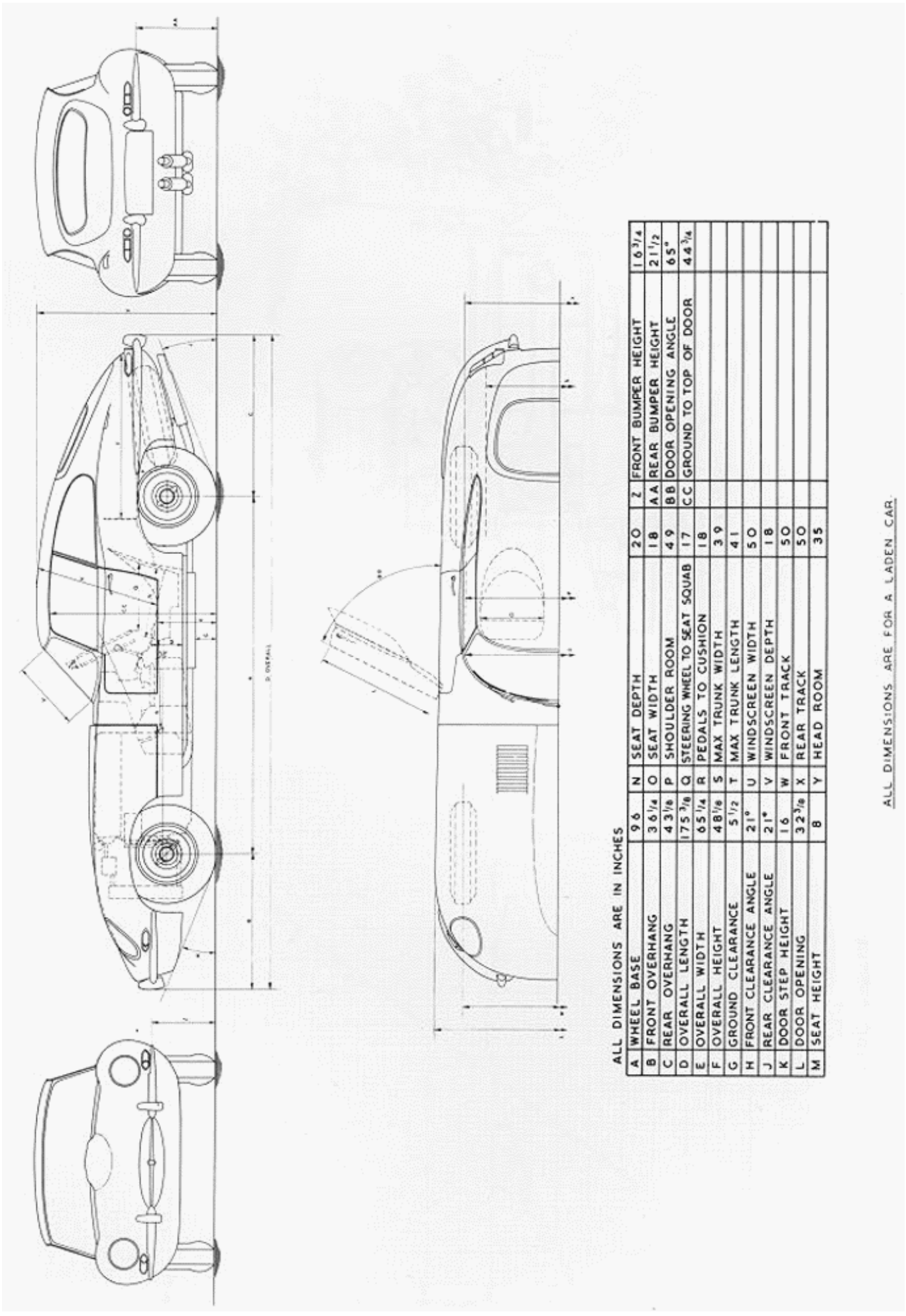


Front aluminium guide plate, with additional air feed to caliper through ducting hose.
Note that no "feeder under plate" located under radiator is allowed.



Rear assemblies (2)

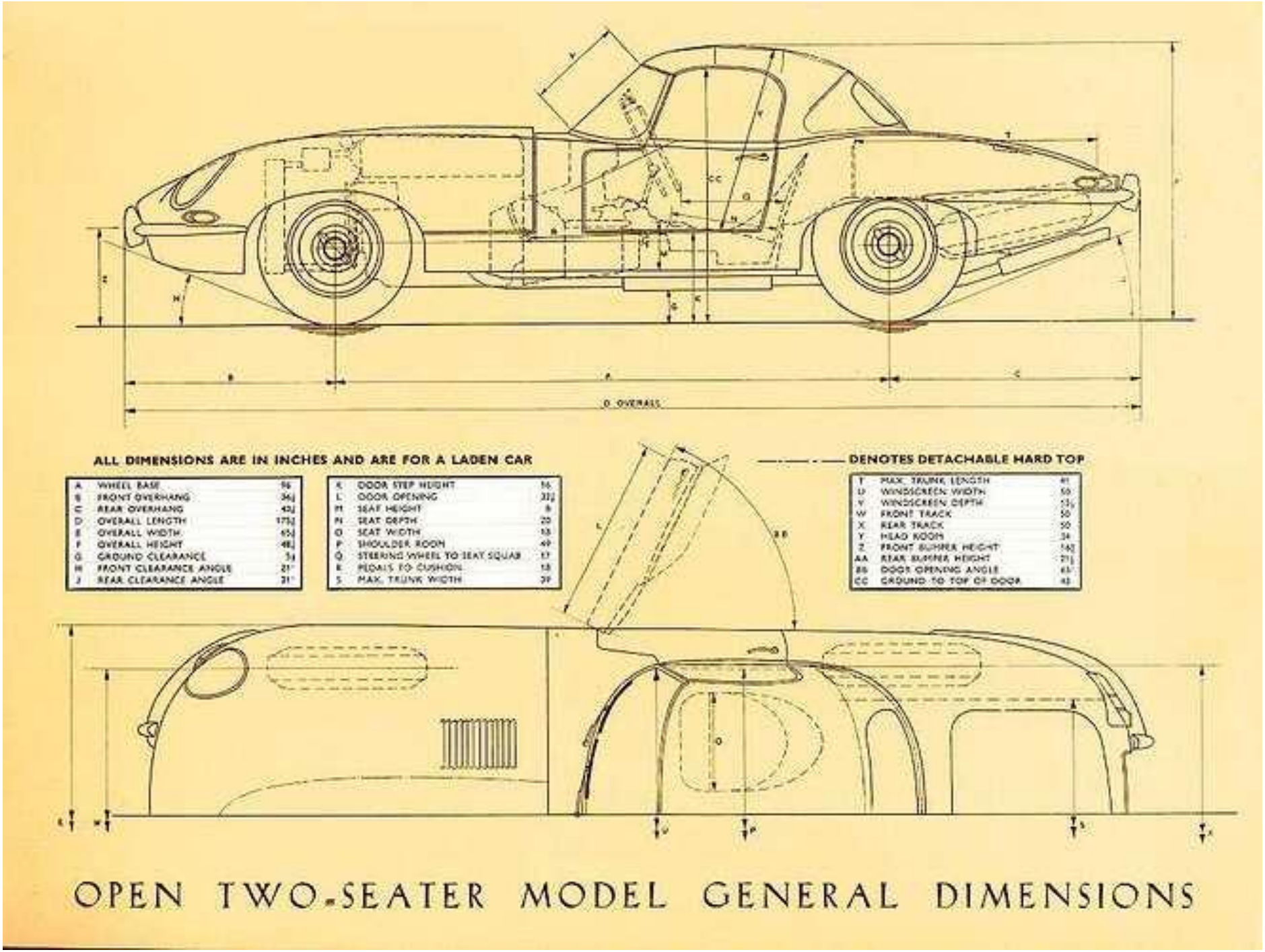
ADDITIONAL INFORMATION FOR MEASUREMENTS



ALL DIMENSIONS ARE IN INCHES

A	WHEEL BASE	96	N	SEAT DEPTH	20	Z	FRONT BUMPER HEIGHT	$16\frac{3}{4}$
B	FRONT OVERHANG	$36\frac{1}{4}$	O	SEAT WIDTH	18	AA	REAR BUMPER HEIGHT	$21\frac{1}{2}$
C	REAR OVERHANG	$43\frac{1}{8}$	P	SHOULDER ROOM	49	BB	DOOR OPENING ANGLE	65°
D	OVERALL LENGTH	$175\frac{3}{8}$	Q	STEERING WHEEL TO SEAT SQUAB	17	CC	GROUND TO TOP OF DOOR	$44\frac{3}{4}$
E	OVERALL WIDTH	$65\frac{1}{4}$	R	PEDALS TO CUSHION	18			
F	OVERALL HEIGHT	$48\frac{1}{8}$	S	MAX TRUNK WIDTH	39			
G	GROUND CLEARANCE	$5\frac{1}{2}$	T	MAX TRUNK LENGTH	41			
H	FRONT CLEARANCE ANGLE	21°	U	WINDSCREEN WIDTH	50			
J	REAR CLEARANCE ANGLE	21°	V	WINDSCREEN DEPTH	18			
K	DOOR STEP HEIGHT	16	W	FRONT TRACK	50			
L	DOOR OPENING	$32\frac{3}{8}$	X	REAR TRACK	50			
M	SEAT HEIGHT	8	Y	HEAD ROOM	35			

ALL DIMENSIONS ARE FOR A LADEN CAR.


O' OVERALL
ALL DIMENSIONS ARE IN INCHES AND ARE FOR A LADEN CAR
A WHEEL BASE 96
B FRONT OVERHANG 36½
C REAR OVERHANG 43½
D OVERALL LENGTH 175½
E OVERALL WIDTH 65½
F OVERALL HEIGHT 48½
G GROUND CLEARANCE 5½
H FRONT CLEARANCE ANGLE 21°
J REAR CLEARANCE ANGLE 31°
K DOOR STEP HEIGHT 16
L DOOR OPENING 33½
M SEAT HEIGHT 8
N SEAT DEPTH 20
O SEAT WIDTH 18
P SHOULDER ROOM 49
Q STEERING WHEEL TO SEAT SQUAB 17
R PEDALS TO CUSHION 18
S MAX. TRUNK WIDTH 39
DENOTES DETACHABLE HARD TOP
T MAX. TRUNK LENGTH 41
U WINDSCREEN WIDTH 50
V WINDSCREEN DEPTH 13½
W FRONT TRACK 50
X REAR TRACK 50
Y HEAD ROOM 34
Z FRONT BUMPER HEIGHT 16½
AA REAR BUMPER HEIGHT 21½
BB DOOR OPENING ANGLE 65°
CC GROUND TO TOP OF DOOR 43
OPEN TWO-SEATER MODEL GENERAL DIMENSIONS