

TRANSMISSION

Single Rail Type (Similar to Austin Marina)
 Rear axle ratio 3.909 : 1
 Overall gear ratios:
 First 13.337 : 1
 With Second 8.255 : 1
 synchronesh Third 5.602 : 1
 Fourth 3.909 : 1
 Reverse 14.670 : 1
 Top gear speed per 1,000 rev/min 16.4 m.p.h.

DIMENSIONS

Track:
 Pressed spoked wheel:
 Front 3 ft 10 9/16 in.
 Rear 3 ft 9 in
 Wire wheel:
 Front 3 ft 10 5/16 in
 Rear 3 ft 9 1/4 in
 Turning circle: Left lock 32 ft 1 1/2 in
 Right lock 31 ft 2 1/2 in
 Front wheel alignment toe-in Parallel to 1/8 in
 Wheelbase 6 ft 8 in
 Overall length 11 ft 9 in
 Overall width: Pressed spoke wheel 4 ft 6 7/8 in
 Wire wheel 4 ft 8 1/2 in
 Overall height 4 ft 1/4 in
 Ground clearance 3 1/4 in

CAPACITIES

Fuel tank 7.7 U.S. gal 6 1/2 gal
 Engine sump including filter 9.6 U.S. pt 8 pt
 Gearbox 1.75 U.S. pt 1 1/2 pt
 Rear axle 2.1 U.S. pt 1 3/4 pt
 Cooling system (with heater) 9 U.S. pt 7 1/2 pt
 Heater 0.6 U.S. pt 1/2 pt

WHEELS & TIRES

Wheel size: Pressed spoked 4 1/2 J SL x 13
 Wire 4J x 13
 Tires: Size 145 SR - 13
 Type Radial ply (with tube
 when wire
 wheels fitted)

TIRE PRESSURES

CONDITION	FRONT	REAR
	lb/in ²	lb/in ²
Normal car weight	22	24
Gross car weight and sustained speed	22	26

It is recommended that for sustained speeds at near the maximum the above tire pressures are increased by 4 lb/in.²

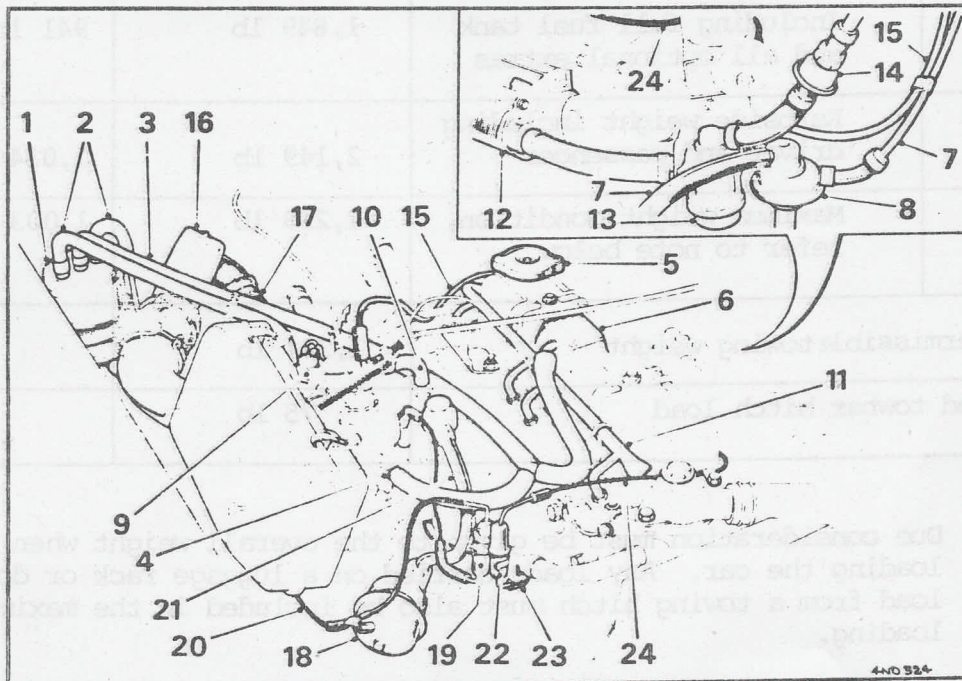
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EMISSION CONTROL SYSTEMS

Crankcase
emission
control

The engine crankcase breather outlet incorporates an oil separator flame-trap (arrestor) in the top of the valve rocker cover which is connected by hoses to the controlled depression chamber between the piston and the throttle disc of the carburetter. Piston blowby fumes are drawn into the depression chamber of the carburetter from the rocker cover, and are joined by purged air from the charcoal canister of the fuel evaporative loss system. These fumes combine with the inlet charge for combustion in the normal way.

THE EMISSION CONTROL COMPONENTS



- | | |
|--|---|
| 1. Charcoal adsorption canister | 13. Diverter valve |
| 2. Vapour lines | 14. Check valve |
| 3. Purge line | 15. Diverter valve pipe |
| 4. Restricted connection | 16. Air temperature control valve |
| 5. Sealed oil filler cap | 17. Hot air hose |
| 6. Oil separator/flame trap (arrestor) | 18. Exhaust gas recirculation valve |
| 7. Fuel pipe | 19. E.G.R. valve flame trap |
| 8. Fuel pump | 20. E.G.R. valve line to carburetter
choke cam |
| 9. Running-on control valve | 21. E.G.R. valve pipe |
| 10. Running-on control pipe | 22. Distributor flame trap |
| 11. Air manifold | 23. Distributor flame trap line to
carburetter |
| 12. Air pump | 24. Flame trap line to distributor
vacuum unit |

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VALVE ROCKER CLEARANCE (COLD)

ADJUSTING Check No.1 valve with No.8 fully open. Check No.8 valve with No.1 fully open
 " " 3 " " " 6 " " " 6 " " " 3 " "
 " " 5 " " " 4 " " " 4 " " " 5 " "
 " " 2 " " " 7 " " " 7 " " " 2 " "

WEIGHTS

Loading conditions		Total Weight	Distribution	
			Front	Rear
Kerbside	Including full fuel tank and all optional extras	1,849 lb	941 lb	908 lb
Normal	Kerbside weight including driver and passenger	2,149 lb	1,034 lb	1,115 lb
Gross	Maximum weight condition, refer to note below	2,229 lb	1,003 lb	1,226 lb
Maximum permissible towing weight		1,344 lb		
Recommended towbar hitch load		75 lb		

NOTE:- Due consideration must be given to the overall weight when fully loading the car. Any loads carried on a luggage rack or downward load from a towing hitch must also be included in the maximum loading.

J.P.