E.O. Book

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-5-29
Relating to Certification of New Motor Vehicles

AUSTIN MORRIS DIVISION
OF
BRITISH LEYLAND (UK) LIMITED

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102, and 43103 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-3;

IT IS ORDERED AND RESOLVED: That Austin Morris Division of British Leyland (UK) Limited exhaust emission control systems for 1977 model-year passenger cars are certified for the engine family described below:

Engine Family: B/50
Engine: 110 CID
Transmission: 4-Speed Manual, and 4-Speed Manual with overdrive
Exhaust Emissions Control Systems: Air Injection, Exhaust Gas Recirculation, Oxidation Catalyst

Model: MGB Convertible

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1977 model vehicles:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
B/50	.21	7.6	1.2

BE IT FURTHER RESOLVED: That this certification is contingent upon Austin Morris Division of British Leyland (UK) Limited affixing a permanent catalyst overheat warning label on the driver's sun-visor of all catalyst-equipped vehicles. This label must be approved by the Executive Officer.

BE IT FURTHER RESOLVED: That this certification is also contingent upon Austin Morris Division of British Leyland (UK) Limited listing in the owner's manual the operating cautions associated with a catalyst-equipped vehicle. This listing must be approved by the Executive Officer.

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Department of Motor Vehicles, the California Highway Patrol, and the Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California, this 15th day of October, 1976.

G C Hass by A D Bachand

G. C. Hass, Chief
Division of Vehicle Emissions Control

1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

[X] Passenger Cars [ ] Light-Duty Trucks

Manufacturer Austin Morris Division of British Leyland(U.K.)Lim. Executive Order No. A-5-29 Page 1

Engine Family B/50 Engine (CID) 110 Engine Code 18V 801AE/50

Emission Control System AI, EGR, OC +10%(A/C) Yes [ ] No [X]

Vehicle Models (If Coded see attachment)	Trans	Inertia Weight	Distributor Type: EI, C + V Mfgr. Part Number	Fuel System Type: 1V Mfgr. Part Number	EGR System Part No. Service*	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
MGB Convertible	M-4 M-4 + over-drive	2750	Lucas AAU 1552 43DE4/41643	Zenith 13H 9562 3766	CAM 1157 No Service	See Label #CAM 5188 on Page 2

Comments

Date of Issue

Abbreviations

Distributor
C-Centrifugal Advance
V-Vacuum Advance
VR-Vacuum Retard
HEI-High Energy Ignition
EI-Electronic Ignition

Fuel System
EFI, FI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emission Control System
AI-Air Injection
CAI-Catalyst Air Injection
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification
EFE-Early Fuel Evaporation
ESAC-Electronic Spark Advance Control
FI-Fuel Injection

OC-Oxidation Catalyst
PAI-Pulse Air Injection
RC-Reduction Catalyst
TR-Thermal Reactor
TWC-Three Way Catalyst
λ-Air Fuel Ratio Sensor

*Service
I-Inspect, repair/replace as needed
R-Replace

Engine Family	B/50 Series
Engine Disp.	110 cu.ins.
Engine Code	18V 801AE/50 18V 801AE/50/3
Exhaust Em.Cont.	AI/EGR/Catalyst
Fuel System	Carburetter
Transmission	Manual/4 & 5
Applicable Models	MGB Convertible.

(11)

VEHICLE EMISSION CONTROL INFORMATION

LEYLAND CARS

ENGINE B/50 SERIES 110 CU. IN

LOW ALTITUDES

CARBURETTER SETTING PROCEDURE

RUN ENGINE TO NORMAL TEMPERATURE. DRIVE FOR 5 MINUTES. DISCONNECT FLOAT CHAMBER VENT (3) AND AIR MANIFOLD HOSE. BLOCK AIR MANIFOLD. SET IDLE SPEED (1) CHECK/ADJUST IDLE MIXTURE SCREW (2). REFIT AIR INJECTION. RESET IDLE SPEED (1) REFIT FLOAT CHAMBER VENT PIPE (3)

NOTE:- RUN ENGINE AT 2500 FOR 30 SECS BEFORE EACH ADJUSTMENT. (TRANSMISSION TO BE IN NEUTRAL).

NOTE: AIR CONDITIONER TO BE DISCONNECTED (IF FITTED).

EX.EMISSION CONTROL TYPE: A I /E.G.R./CATALYST.

SEE WORKSHOP MANUAL FOR ADDITIONAL INFORMATION.

PART No.CAM 5188

IGNITION TIMING	10° B T D C at 1500 RPM
IDLE SPEED	850 ± 100 RPM
IDLE CO SETTING	5½ ± 1%
SPARK PLUG GAP	.035"
TAPPET CLEARANCE	.013" WARM

THIS VEHICLE CONFORMS TO U.S.E.P.A. REGULATIONS APPLICABLE TO 1977 MODEL YEAR NEW MOTOR VEHICLES.
THIS VEHICLE CONFORMS TO CALIFORNIA REGULATIONS APPLICABLE TO 1977 MODEL YEAR NEW MOTOR VEHICLES

Label Location — The label is located within the engine compartment on the right hand side (when viewed from the rear) of the bonnet lock platform.

Label Colour — Blue printing on white background.

Fast Idle Speed Setting

(13)

No fast idle speed is given on the label as fast idle is controlled by a dimension within the choke body. This dimension is set at the factory. Subsequent adjustment necessitates the dismantling of the choke with the inherent risk of incorrect re-assembly.

AMENDMENT TITLE OR DESCRIPTION	AMENDMENT DATE	AM. No.
Addition of Fast Idle Note	5 Jul 1976	13
Addition of engine codes/specifications	5 July 76	11