

E.O Book

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-5-39  
Relating to Certification of New Motor Vehicles

TRIUMPH MOTORS  
OF BRITISH LEYLAND (UK) LIMITED

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Sections 43100, 43102, 43103, and 43835; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That Triumph Motors of British Leyland (UK) Limited exhaust emission control systems for 1978 model-year passenger cars are certified for the vehicles described below:

Engine Family: TC/25C  
Engine: 91 CID  
Transmission: 4-Speed Manual and 4-Speed Manual with Overdrive  
Exhaust Emission Control Systems: Air Injection, Exhaust Gas Recirculation, Oxidation Catalyst

Models and Engine Codes as listed in attachment.

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1978 model-year vehicles:

<u>Engine Family</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
TC/25C	0.28	3.3	0.7

BE IT FURTHER RESOLVED: That the above models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (13 California Administrative Code, Section 2290) for the aforementioned model year, or have been granted a temporary exemption from the aforementioned "Specifications" by Executive Order AA-5 series.

BE IT FURTHER RESOLVED: That the above models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-powered Motor Vehicles except Motorcycles".

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 20 day of January, 1978.



G. C. Hass, Chief  
Vehicle Emissions Control Division

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer British Leyland Executive Order No. A-5-39 Page 1

Engine Family TC/25C Engine (CID) 91

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 Emissions Control System

AI-Air Injection  
CAI-Catalyst Air Injection  
CAB-Chamber Air Bleed  
DD-Dual Displacement  
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  
TC-Turbo Charged  
TR-Thermal Reactor  
TWC-Three Way Catalyst  
(Feedback Control)  
EGR Syst. Service  
I-Inspect, repair/replace  
as needed  
R-Replace

Vehicle Model

Spitfire 1500  
MG Midget

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars     Light-Duty Trucks     Medium Duty Vehicles

Manufacturer British Leyland    Executive Order No. A-5-39    Page 1A  
 Engine Family TC/25C    Engine (CID) 91    Engine Code PE94H/77C  
 Emission Control System AI, EGR, OC    +10%(A/C)    Yes     No

Eng. Code	Vehicle Models (If Coded see attachment)	Trans	Inertia Weight Class	Distributor Type EI, C VR Mfgr. Part Number	Fuel System Type 1-1V VV, <i>probably</i> Mfgr. Part Number	EGR System Part No. Service	Tune-Up Specification
PE94 H/77 C	Spitfire 1500	M-4  M-4 with over-drive	2250	LUCAS 41698A  B.L. Part # TKC 3287	Zenith 3864  B.L. Part # RKC 3168	7975704  B.L. Part TKC 3523	(1) 2° ATDC @ 800 RPM in neutral.  (2) 3% NOM 0.5-6.0% warm engine, disconnect and plug AI system at air pump. Vent pump to atmosphere.
PE94 J/77 C	MG Midget	M-4			Zenith 3863  B.L. Part # RKC 3170	I-50,000 mi.	(3) 800 ± 100 RPM in neutral with warm engine.

Comments: \_\_\_\_\_ models have special road load HP settings.  
 See page 1 for abbreviations and model codes.

Date of Issue                      Revisions: