

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-5-34
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 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 Triumph motors of British Leyland (UK) Ltd. exhaust emission control systems for 1977 model-year passenger cars are certified for the engine family 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: Spitfire 1500
- MG Midget

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1977 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	.35	1.2	0.9

BE IT FURTHER RESOLVED: That this certification is contingent upon Triumph Motors of British Leyland (UK) Ltd. 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 Triumph Motors of British Leyland (UK) Ltd. 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 20 day of April, 1977.



G. C. Hass, Chief
Vehicle Emissions Control Division

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Engine Family TC/25C Engine (CID) 91 Engine PE94J/77C
Code PE94H/77C

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

Vehicle Models (If Coded see attachment)	Trans	Inertia Weight	Distributor	Fuel System	EGR System	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
			Type EI,VR Mfgr. Part Number	Type 1-1V Mfgr. Part Number	Part No. Service*	
Spitfire	M-4	2250	Lucas TKC 3287 41698A	Zenith 3864 RKC 3168	TKC 3523 (Leyland) 7975704 (Delco)	1) 2°ATDC 2) 3% NOM 0.5-6.0% warm engine, disconnect and plug AI system at air pump, vent pump to atmosphere.
Midget				3863 RKC 3170		3) 800 + 100 RPM transmission in neutral,

Comments
4-cylinder

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