 E. Opel

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-5-42
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) Ltd. exhaust emission control systems for 1979 model-year gasoline-powered passenger cars are certified for the vehicles described below:

Engine Family	Displacement Cubic Inches	Exhaust Emission Control Systems (Special Features)
TC/50C/C	91	Exhaust Gas Recirculation Air Injection Oxidation Catalyst

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families as listed on attachments.

The following are the certification emission values to be listed on the window decal required by California Assembly-Line Test Procedures for 1979 model-year vehicles:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
TC/50C/C	0.12	0.9	0.9

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

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 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.

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 31 day of July, 1978.

G. C. Hass

G. C. Hass, Chief
Vehicle Emissions Control Division

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Manufacturer British Leyland Executive Order No. A-5-42 Page 1

Engine Family TC/50C/C Engine (CID) 91

ABBREVIATIONS

Ignition System
CA-Centrifugal Advance
EI-Electronic Ignition
ESAC
VA-Vacuum Advance
VR-Vacuum Retard

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

Exhaust Emissions Control System
AI-Air Injection
CCAV-Comb. Chamber Air Valve
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification

ESAC-Electronic Spark Advance Control
MFI-Mechanical Fuel Injection

OC-Oxidation Catalyst
PAI-Pulse Air Injection
TC-Turbo Charged
TR-Thermal Reactor
TWC-Three Way Catalyst (Feedback Control)
WOC-Warm-up Oxidation Catalyst

Vehicle Model

Spitfire 1500
MG Midget

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[X] Passenger Cars [ ] Light-Duty Trucks [ ] Medium-Duty Vehicles

Manufacturer Triumph Motors of British Leyland

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Engine Family TC/50C/C Engine (CID) 91 Engine Code see below

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

Eng. Code	Vehicle Models (If Coded see attachment)	Trans.	Inertia Weight Class (Axle Ratio)*	Ign. Sys. Control Parameters EI,CA,VR	Fuel System 1-1V Carb.	EGR Valve	Tune-up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
PE 94H/ 78C	Spitfire 1500	M-4 M-4 + overdrive	2250	Lucas 41698A** BL Part No. TKC 3287	Zenith 3961 BL Part No. RKC 3895	A.C. Delco 7975704 BL Part No. TKC 3523	(1) 2° ATDC @ 800 RPM (2) 5% nom, 7-3% CO. Disconnect and plug air injection system at air pump. Vent pump to atmosphere. CO measured down-stream of catalyst. (3) 800 ± 100 RPM with engine at normal operating temperature.
PE 94J/ 78C	MG Midget	M-4			Zenith 3963 BL Part No. RKC 3897		

Comments. See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model, equipment and inertia weight class.

*Axle ratio is that of medium duty certification vehicle.
**Suffix letters A - J on distributor part number designate non-emissions related casting modifications which do not result in calibration differences.

Date of Issue -