State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-5-46
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 are certified as described below for 1979 model-year gasoline-powered passenger cars:

| Engine Family | Displacement Cubic Inches | Exhaust Emission Control Systems (Special Features) |
|---|---|---|
| SL4/2/50C/C | 122 | Exhaust Gas Recirculation<br>Air Injection<br>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 |
|---|---|---|---|
| SL4/2/50C/C | 0.26 | 7.0 | 0.8 |

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.

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 7 day of December, 1978.

G. C. Hass, Chief
Vehicle Emissions Control Division

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Manufacturer British Leyland Executive Order No. A-5-46 Page 1

Engine Family S14/2/50C/C Engine (CID) 122

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
EEC-Electronic Engine Control
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

Triumph TR7

E.O. #A 5 - 46

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

Manufacturer Triumph Motors of British Leyland (UK) Limited

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Engine Family SL4/2/50C/C Engine (CID) 122

Engine Code PE124/2/50C/C
PE124/2/50C/C-N

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

| Eng. Code | Vehicle Models (If Coded see attachment) | Trans. | Inertia Weight Class (Axle Ratio)* | Ign. Sys. | Fuel System | EGR Valve | Tune-up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed |
|---|---|---|---|---|---|---|---|
| | Triumph TR7 | M-4<br>M-5 | 2750 | Lucas 41700A<br>BL Part # TKC 3330 | Zenith 3862<br>BL Part # TCK 3145 | 7975704<br>BL Part # TKC 3523 | (1) 2° ATDC at idle.<br>(2) 5% ± 2% CO of idle. Disconnect and plug air injection system at air pump, vent pump to atmosphere.<br>(3) 800 ± 100 RPM with warm engine in neutral. |

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.

Date of Issue -