

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-5-31
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, Ltd. exhaust emission control systems for 1977 model-year passenger cars are certified for the engine family described below:

- Engine Family: SL4/2/50
- Engine: 122 CID
- Transmission: 4-Speed Manual
- Exhaust Emission Control Systems: Engine Modification, Air Injection, Exhaust Gas Recirculation, Oxidation Catalyst

Model: Triumph TR7 2-Door Sport

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>
SL4/2/50	0.55	3.3	1.4

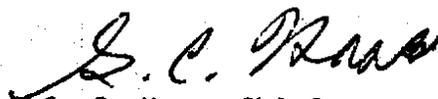
BE IT FURTHER RESOLVED: That this certification is contingent upon Triumph Motors of British Leyland, Ltd. affixing a permanent catalyst overheat warning label on the driver's sun-visor of all catalyst-equipped vehicles. This label must be approved by the Executive Officer.

BE IT FURTHER RESOLVED: That this certification is also contingent upon Triumph Motors of British Leyland, 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 30 day of November, 1976.



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

Manufacturer British Leyland Executive Order No. A-5-31 Page 1
 Engine Family SL,4/2/50 Engine (CID) 122 Engine Code AE 124/24/C
 Emission Control System EM+AI+EGR+OC +10%(A/C) Yes No

Vehicle Models (If Coded see attachment)	Trans	Inertia Weight	Distributor Type C, VR EI Mfgr. Part Number	Fuel System Type IV Mfgr. Part Number	EGR System Part No. Service*	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
Triumph TR7	M-4	2570	Lucas TKC 1689	Zenith RKC 0769	TKC 1670 (AC No. 7040036	1) 2 ⁰ ATDC @ 800 RPM 2) Idle CO 1.25% (0.5-3.0) Disconnect and plug air injection system downstream of diverter valve. Vent pump to atmosphere. Adjust mixture strength with external adjuster. To give larger adjustments move metering needle using special tool. 3) 800 RPM in neutral Dwell fixed, see label 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

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

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Relating to Approval of New Motor Vehicles

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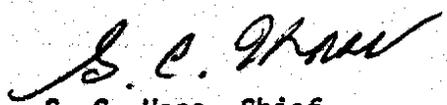
Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102, and 43103 of the Health and Safety Code; and

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 the engine family model-year described in Executive Order No. A-5-31 dated November 30, 1976 shall be corrected to read 1976 instead of 1977.

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

Executed at El Monte, California, this 23 day of December, 1976.



G. C. Hass, Chief
Vehicle Emissions Control Division

AIR RESOURCES BOARD
 SUPPLEMENTAL INFORMATION
 1976 MODEL YEAR **

PASSENGER CARS LIGHT-DUTY TRUCKS

EXECUTIVE ORDER NO. A-5-31-A

PAGE NO. 1

MANUFACTURER: BRITISH LEYLAND

Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans.	Inertia Weight	Distributor		Fuel System		Emission Control System		Tune-up Specifications	Basic Timing	Idle	
					Mfr. Part No.	Type	Mfr. Part No.	Type	OC	TR				Part No. Service*
SL4/2/50	Triumph TR7	122	M-4	2570	C VR EI	Lucas TKC1689	1-1V	Zenith RKC 0769	OC	EW 2/3C/4	TKC 1670 (AC No. 7040036)	800 RPM in neutral dwell fixed.	20 ATDC @ 800 RPM	Idle CO 1.25% (0.5-3.0) Disc. and plug AI syst. down-stream of diverter valve. Vent pump to atmosphere. Adjust mixture strength with external adjuster To give larger adjustments, move metering needle using special tool.

**Revised 1-12-77.

Abbreviations:

- Distributor
- AI - Air Injection
- EF - Early Fuel Evaporation
- FI - Fuel Injection
- EGR - Exhaust Gas Recirculation
- OC - Oxidation Catalyst
- EM - Engine Modifications
- RC - Reduction Catalyst
- ESAC - Electronic Spark Advance Control
- PAI - Pulse Air Injection
- *Service
- I - Inspect, repair/replace as needed