State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-5-3
Relating to Approval of New Motor Vehicles

BRITISH LEYLAND (TRIUMPH MOTORS)

Pursuant to the authority vested in the Air Resources Board by Sections 39150 and 39151 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Section 39023 of the Health and Safety Code;

IT IS ORDERED AND RESOLVED: That British Leyland (Triumph Motors) exhaust emission control systems for 1974 model year light-duty motor vehicles are approved for the engine families described below:

Engine Family: TB
Exhaust Emission Control Systems: Engine Modification and Exhaust Gas Recirculation.
Engine: 152 CID with Manual Transmission
Vehicle Model: Triumph TR 6

Engine Family: TC
Exhaust Emission Control Systems: Engine Modification and Exhaust Gas Recirculation
Engine: 91 CID with Manual Transmission
Vehicle Model: Triumph Spitfire

Section 39152, Part I, Division 26 of the California Health and Safety Code requires that a decal be affixed to the side window which discloses the highest emissions from the certification fleet for that vehicle for which approval has been granted by the Board.

The following are the recommended values to be listed on the decal:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
TB	2.9	36	1.3
TC	3.2	28	1.5

EXECUTIVE ORDER A-5-3

BRITISH LEYLAND
(TRIUMPH MOTORS)

According to the California Assembly-Line Test Procedure for 1974 Model Light-Duty Gasoline Powered Vehicles, these values shall be in effect during the first calendar month of model production but not to exceed 30 days. Not more than one month after the first and each succeeding calendar quarter of production, the exhaust emissions shown on the window decal shall be the average quality audit values for the engine family of the previous calendar quarter of production.

Section B3 of the above procedures requires the manufacturer to submit to the Executive Officer before the start of the model-year, a list of the engine components and control systems affecting emissions to be functionally checked and the procedure for performing these checks.

In accordance with Section II E. of the California Exhaust Emission Standards and Test Procedures for 1973 through 1976 Models Gasoline-Powered Light-Duty Motor Vehicles, the manufacturer is required to inform the Air Resources Board of any production changes which will affect emissions.

Supplemental information sheets are attached to this order which include tune-up specifications and emission control system data.

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 and attachment.

Executed at Sacramento, California, this 10 day of August, 1973.

JOHN A. MAGA
Executive Officer

SECTION VI VEHICLE DESCRIPTION

ENGINE FAMILY IDENTIFICATION:	GROUP TC
Engine Size	91 cu ins
Exhaust Emission Control System	Engine Modification/Exhaust recirculation
Evaporative Emission Control system	Charcoal Canister
MODEL	SPITFIRE
Exhaust Gas Recirculation	EGR Valve Curve No. E/EP/286720/2
Carburetter	Zenith 150 CDSE - 3612
Distributor Curve No. 313232	AC Delco - Centrifugal Advance
Horse power (SAE nett)	to be finalised
Trans type	Manual
Ratios 1st	3.75
2nd	2.16
3rd	1.39
4th	1.00
Overdrive ratio	.797
% sales with overdrive	5%
Inertia weight	2000 lbs
Axle ratio	3.89
Tyre size	520 S-13 155 SR 13
N/V Ratio	59.9
Projected sales	9500

TUNE UP SPECIFICATIONS

Engine Family Identification	TC
Engine Displacement	91 cu in
Fuel System	1 x 1.50 CDSE Zenith Carb
Transmission	Manual
Exhaust Control System	Engine Modifications Exhaust Recirculation
Evaporative Control System	Charcoal Canister
1. Basic Ignition Timing	2° ATDC @ 800-850
Setting Procedure	Set static timing to 10° BTDC. Start engine and set ignition to 2° ATDC at 800-850 rpm with strobe light.
2. Idle Speed	800-850 rpm Transmission Neutral Adjust idle speed screw
3. Distributor Dwell	$38 - 40^{\circ}$
4. Spark Plug Type	Champion N12Y
Gap	.025 in
5. Type of choke	Manual
6. Recommended idle CO	2 ± 1 %
7. Recommended Setting Procedure	Adjustments to be made in conjunction with a carbon monoxide analyser. Check ignition timing, idle speed, rocker clearances, plugs etc., prior to making adjustments. A fine adjustment is provided on the side of the carburetter. A main adjustment can be made with a special tool available only to dealers.

TUNE UP SPECIFICATIONS

Engine Family Identification	TB
Engine Displacement	152 cu in
Fuel System	2 x 175 Zenith CDSE Carbs
Transmission	Manual
Exhaust Control System	Engine Modifications Exhaust Recirculation
Evaporative Control System	Charcoal Canister
1. Basic Ignition Timing	4° ATDC @ 800-850 Transmission in neutral
Setting Procedure	Set ignition to 10°BTDC static. Start engine and set to 4° ATDC at idle speed of 800-850 rpm with strobe light
2. Idle Speed	800-850 rpm Transmission Neutral Balance carburetters for air flow and adjust equally on both carbs.
3. Distributor Dwell	$34 - 37^{o}$
4. Spark Plug Type Gap	Champion N9Y .025 in
5. Type of choke	Manual
6. Recommended idle CO	2 ± 1 %
7. Recommended Setting Procedure	Adjustments to be made in conjunction with a carbon monoxide analyser. Check ignition timing, idle speed, rocker clearances, plugs etc., prior to making adjustments. A fine adjustment on the side of each carburetter. Main adjustment can be made with a special tool available only to dealers. Adjustments should be made equally on both carburetters.

SECTION VI VEHICLE DESCRIPTION

ENGINE FAMILY IDENTIFICATION: GROUP TB

Engine Size	152 cu ins
Exhaust Emission Control System	Engine Modification/exhaust gas recirculation
Evaporative Emission Control System	Charcoal Canister
MODEL:	TR6
Exhaust Gas Recirculation	EGR Valve Curve E/EP/286720/17
Carburetter	2 Zenith 175 CDSE
Distributor Curve TKC 0517	Lucas-Centrifugal Advance-Vacuum Retard
Horse Power SAE net	to be finalised
Trans type	Manual
Ratios 1st	2.99
2nd	2.10
3rd	1.386
4th	1.00
Overdrive Ratio	.797
% sales with overdrive	5%
Inertia weight	2750 lbs
Axle ratio	3.70
Tyre Size	185 SR 15
N/V Ratio	48.3
Projected Sales	14000