State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-37-19
Relating to Certification of New Motor Vehicles

LOTUS CARS LTD

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; 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 1991 model-year Lotus Cars Ltd exhaust emission control systems are certified as described below for gasoline-powered passenger cars:

Engine Family: MLT2.2V5F1CX Displacement: 2.2 Liters (133 Cubic Inches)
Exhaust Emission Control Systems and Special Features:

Heated Oxygen Sensor
Warm-Up Three-Way Catalyst
Three-Way Catalyst
Turbocharger
Charge Air Cooler
Multipoint Electronic Fuel Injection

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The following are the exhaust emission standards for this engine family:

Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
0.41	7.0	0.4

The following are the certification exhaust emission values for this engine family:

Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
0.16	1.2	0.3

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".

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 Code of Regulations, Section 2290) for the aforementioned model-year.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Emission Control Label Specifications" (Title 13, California Code of Regulations, Section 1965) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the vehicle models listed also comply with the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year[s]..." (Title 13, California Code of Regulations, Section 1968) for the aforementioned model year.

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (California Health and Safety Code Section 43205).

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 12th day of September, 1990.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

1991 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

E O A-37-19

MANUFACTURER: LOTUS CARS LTD ENGINE FAMILY: MLT2.2V5F1CX

PASSENGER CARS ....LT. DUTY TRUCKS ....MED. DUTY VEHICLES ....FUEL TYPE.....

ENGINE TYPE : Lotus LITRE (CID) 2.2 (132.6) EVAPORATIVE FAMILY : LT4

EMISSION CONTROL SYSTEM & SPECIAL FEATURES WUTWC, TWC, HO2S, MPI, TC, CAC
(Use abbreviations per SAE J1930 Jun 88)

ENGINE : Front ... Mid ... Rear ... DRIVE : FWD ... RWD ... 4WD-FT ... 4WD-PT ...

ENGINE CODE/ (CERT. STD.)	VEHICLE MODELS (IF CODED SEE ATTACHMENT)	TRANS TYPE A-AUTO M-MAN	EQUIV. TEST WEIGHT	RLHP	IGN. SYS (PCME/PROM) PART NO.	EGR SYS. PART NO.	CATALYST PART NO.
MLT2.2V5F1CX (50-State)	LOTUS ESPRIT TURBO (7.0 hp)	M5	3250 lb	7.0	Direct Ignition System A910E6940	N/A	C08256045

Date of Issue .....Revisions: