State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-37-24
Relating to Certification of New Motor Vehicles

LOTUS CARS LIMITED

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 1993 model Lotus Cars Limited exhaust emission control systems are certified as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: PLT2.2V5F1C2 Displacement: 2.2 Liters (133 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Warm Up Three-Way Catalytic Converter
Three Way Catalytic Converter
Heated Oxygen Sensor
Multiport Fuel Injection
Turbocharger
Charge Air Cooler

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

The certification exhaust emission standards for this engine family in grams per mile are:

Miles	Total Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
50,000	0.41	7.0	0.4

The certification exhaust emission values for this engine family in grams per mile are:

Miles	Total Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
50,000	0.16	1.2	0.3

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying to the 50,000-mile total hydrocarbons and carbon monoxide standards pursant to Section 1960.1(e)(1)(B), Title 13, California Code of Regulations (passenger cars produced by a small-volume manufacturer).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "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, and with the California Inspection and Maintenance emission standards in place at the time of certification, 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 regulations (Title 13, California Code of Regulations, Section 2035 et seq.).

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 24th day of September, 1992.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

PLT2.2V5F1C2

1993 AIR RESOURSES BOARD SUPPLEMENTAL DATA SHEET

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Manufacturer Lotus Cars Ltd

Engine Family PLT2.2V5F1C2

Passenger Car ✓ (PC) Light-Duty Truck ___ (T1/T2)

Medium = Duty Vehicle ___ (M1/M2/M3/M4/M5)

Stds Type: Tier 0 (Tier 0/1, AB965, TLEV,LEV,ULEV)

Veh.Type (FFV,HEV(type A/B/C)): PC.

Fuel Type: Unleaded Gas

Evaporative Family: LT4

Engine Config. L4

Liter (CID) 2.2 (132.6)

Engine: Front ___ Mid. ✓ Rear ___

Drive: FWD ___ RWD ✓ 4WD-FT ___ 4WD-PT ___

Exhaust ECS & Special Features (incl. CARB, MFI, etc.) WUTWC, TWC, H2OS, MFI , TC, CAC.

Engine Code (Cert. Std.)	Vehicle Models (if coded see attachment)	Trans. Type A-automatic M-Manual	ETW	DPA or RLHP	Ignition (ECM/PCM Part No.	EGR System Part No	Catalyst Part No.
PLT2.2V5F1C2 (50-State)	Lotus Esprit Turbo (7.0hp)	M5	3250 lb	7.0	Direct Ignition System A910E6940	N/A	C082S6045