

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-37-5-1
Relating to Certification of New Motor Vehicles

LOTUS CARS 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 Lotus Cars Ltd. exhaust emission control systems for 1977 model-year passenger cars are certified for the engine family described below:

Engine Family: 907
Engine: 120.5 CID
Transmission: 3-Speed Automatic
Exhaust Emission Control Systems: Engine Modifications, Air Injection, Oxidation Catalyst

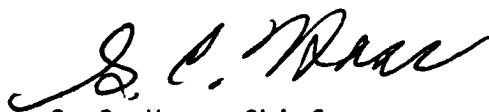
Models: Elite
Eclat

These vehicles are in addition to those previously certified for this engine family.

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 12 day of August, 1977.



G. C. Hass, Chief
Vehicle Emissions Control Division

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Engine Family 907 Engine (CID) 120.5 Engine Code _____

Emission Control System EM, AI, OC +10%(A/C) Yes No

Vehicle Models (If Coded see attachment)	Trans	Inertia Weight	Distributor	Fuel System	EGR System	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
			Type C,VR Mfgr. Part Number	Type 2-1V Mfgr. Part Number	Part No. Service*	
Elite	A-3	2750	Lucas 41634A	Zenith 3807R 3807L	N/A	Settings to be checked with transmission in neutral, and all engine ancillaries fitted. (1) 8° BTDC Static 0° TDC at idle retard operative. (2) 3.5-4.5% hot, before catalyst, air off. (3) 950-1000 RPM
Eclat	A-3	2750	41634A	3807R 3807L		
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
- VV-Variable Venturi

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
 R-Replace