

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

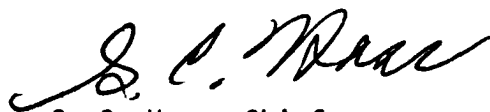
Models: Elite  
Eclat

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

Manufacturer Lotus Car Ltd.      Executive Order No. A-37-5-1      Page 1  
 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	Type 2-1V	Part No.	
			Mfgr. Part Number	Mfgr. Part Number	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		
<b>Comments</b>						
<b>Date of Issue</b>						

**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