

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-37-8  
Relating to Certification of New Motor Vehicles

LOTUS CARS LIMITED

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Sections 43100, 43102, 43103, and 43835; 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 Lotus Cars Limited exhaust emission control systems are certified as described below for 1980 model-year gasoline-powered passenger cars:

<u>Engine Family</u>	<u>Displacement Cubic Inches</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
907T	120	Pulse Air Injection Three Way Catalyst Without Closed Loop

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families as listed on attachments.

The following are the certification emission values to be listed on the window decal required by California Assembly-Line Test Procedures for 1980 model-year vehicles:

<u>Engine Family</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
907T	0.25	7.0	0.8

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 except Motorcycles".

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 Administrative Code, 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 1980 Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That Lotus Cars Limited has provided to the Executive Officer all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

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 6<sup>th</sup> day of December, 1979.

  
K. D. Drachand, Acting Chief  
Mobile Source Control Division

1980 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Lotus Cars Limited Executive Order No. A-37-8 Page 1

Engine Family 907T Engine (CID) 120

Evaporative Family: 907

ABBREVIATIONS

Ignition System

CA-Centrifugal Advance  
 EEC-Electronic Engine Control  
 EI-Electronic Ignition  
 ESAC-Electronic Spark Advance  
 Control  
 VA-Vacuum Advance  
 VR-Vacuum Retard

Fuel System

EFI, MFI  
 nV-nVenturi Carburetor  
 VV-Variable Venturi

Exhaust Emissions Control System

AI-Air Injection  
 CL-Closed Loop  
 EGR-Exhaust Gas Recirculation  
 EM-Engine Modification  
 OC-Oxidation Catalyst  
 PAI-Pulse Air Injection  
 TR-Thermal Reactor  
 TWC-Three Way Catalyst

Special Features

CCAV-Combustion  
 Chamber Air  
 Valve  
 EFI-Electronic  
 Fuel  
 Injection  
 MFI-Mechanical  
 Fuel  
 Injection  
 TC-Turbo Charged

Vehicle Models

Esprit 2 seat Coupe  
 Elite Sedan  
 Eclat 2+2 Coupe

## 1980 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

 Passenger Cars     Light-Duty Trucks     Medium-Duty Vehicles     Gas     Diesel
Manufacturer Lotus Cars LimitedPage 1AEngine Family 907TCID-Type 120 L-4Engine Code A & BECS (Special Features) TWC, PAI + 10% (A/C) Yes X No

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Test Weight Class (Inertia)	Ign. System CA, VR, EI Mfgr. Part No.	Fuel System 2-1V Mfgr. Part No.	EGR Valve Part No.	Label Ident.
J	Esprit	M-5	2750	Lucas A907E0 856F	Zenith 175CD2SEVX 38074R	-	B075U 1179F
K	Elite	M-5	2875	41364A			
	Eclat						
	Elite	A-3	2750				
	Eclat						

Comments. See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model, equipment and inertia weight class.

Date of Issue -