

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-37-6
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 Ltd. exhaust emission control systems for 1978 model-year passenger cars are certified for the vehicles described below:

Engine Family: 907
Displacement: 120.5 CID
Exhaust Emission Control Systems: Air Injection, Oxidation Catalyst, Engine Modifications

Models, Transmissions and Engine Codes as listed in attachment.

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1978 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>
907	0.22	2.0	1.3

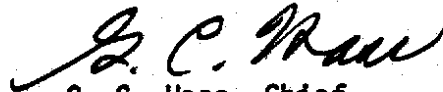
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (13 California Administrative Code, Section 2290) for the aforementioned model year, or have been granted a temporary exemption from the aforementioned "Specifications" by Executive Order AA-37 series.

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".

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 23 day of February, 1978.



G. C. Hass, Chief
Vehicle Emissions Control Division

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Lotus Cars Ltd Executive Order No. A-37-6 Page 1
Engine Family 907 Engine (CID) 120.5

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 Emissions Control System

AI-Air Injection

CAI-Catalyst Air Injection

CAB-Chamber Air Bleed

DD-Dual Displacement

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

TC-Turbo Charged

TR-Thermal Reactor

TWC-Three Way Catalyst

(Feedback Control)

EGR Syst. Service

I-Inspect, repair/replace
as needed

R-Replace

Vehicle Model

Lotus Esprit

Lotus Sprint

Lotus Elite

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars Light-Duty Trucks Medium Duty Vehicles

Manufacturer LOTUS CARS LIMITED Executive Order No. A-37-6 Page 1A

Engine Family 907 Engine (CID) 120.5 Engine Code See below

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

Eng. Code	Vehicle Models (If Coded see attachment)	Trans	Inertia Weight Class	Distributor Type C, VR Mfgr. Part Number	Fuel System Type 2-TV Mfgr. Part Number	EGR System Part No. Service	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
AC	Lotus Esprit	M-5	2500	Lucas 41634A	Zenith Carburetor Co. 3807	NA	(1) TDC @ Idle retard operative. (2) 3.5 - 4.5% CO Disconnect air injection hose from pump and plug. (3) 950 - 1000 RPM. Adjust stop screw with engine at working temperature Settings to be checked with transmission in neutral and all engine ancillaries fitted. Note: CO measured before catalyst.
BE	Lotus Sprint	M-4	2750	Lotus part # A907E0855	Lotus Part # C907E079 IF		
BD	Lotus Sprint Lotus Elite	M-5					
BL BM		A-3					

Comments: models have special road load HP settings.
See page 1 for abbreviations and model codes.

Date of Issue Revisions: