State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-227-1
Relating to Certification of New Motor Vehicles

DELOREAN MOTOR 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 Order G-45-3, and G-45-4;

IT IS ORDERED AND RESOLVED: That 1982 model-year Delorean Motor Cars Limited exhaust emission control systems are certified as described below for gasoline-powered passenger cars.

Engine Family	Displacement Cubic Inches (Liters)	Exhaust Emission Control Systems (Special Features)
CDL174V6FBB4	174 (2.9)	Three Way Catalyst with Closed Loop (Mechanical Fuel Injection)

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

The following are the emission standards for this engine family to be listed on the window decal required by California Assembly-Line Test Procedures for 1982 model-year vehicles:

Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0.41	7.0	0.7

The following are the certification emission values for this engine family:

Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0.25	3.5	0.5

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".

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 1981 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the Executive Officer has been provided 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 2 day of December, 1981.

K. D. Drachand, Chief
Mobile Source Control Division

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Manufacturer DeLorean Motor Cars Ltd.

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Engine Family CDL174V6FBB4

Evaporative Family E1

Engine CID (Liters) 174 (2.9)

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
CFI, CL, DID, DIP, EFI, MFI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emissions Control System
AIP-Air Injection-Pump
AIV-Air Injection-Valve
CL-Closed Loop
EGR-Exhaust Gas Recirculation
EM-Engine Modification
OC-Oxidation Catalyst System
TR-Thermal Reactor
TWC-Three Way Catalyst System

Special Features
CCV-Combustion Chamber Valve
CFI-Central Fuel Injection
DID-Diesel Injection-Direct
DIP-Diesel Injection-Prechamber
MFI-Mechanical Fuel Injection
TC-Turbocharged

Vehicle Models

DeLorean

DRIVE SYSTEM: Rear engine/Rear wheel drive

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X Passenger Cars __ Light-Duty Trucks __ Medium-Duty Vehicles __ Gas __ Diesel

Manufacturer DeLorean Motor Cars Limited E.O. #A-227-1

Engine Family CDL174V6FBB4 CID (liter) - Type 174 (2.9) V6

ECS (Special Features) TWC/CL (MFI)

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight *	Ign. System CA,VA,EI Mfgr. Part No.	Fuel System (MFI) Mfgr. Part No.	EGR Valve Part No.	Label Ident. Part No.
1	DeLorean	M5 A3	3125	Bosch 0237 402 023	Bosch Fuel Injection Control Unit 0438 060 044	NA	See 1B

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 and equipment. If two test weights are listed, the lower weight will be used for testing.

*Add 10% to dyno test HP for air conditioning usage.

Date of Issue -
Revisions:

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VEHICLE EMISSION CONTROL INFORMATION

MANUFACTURER: DELOREAN MOTOR CARS Ltd ENGINE DISPLACEMENT : 174 CU IN
EVAPORATIVE FAMILY : E1 ENGINE FAMILY CDL174V6FBB4
EXHAUST EMISSION CONTROL SYSTEM: FI, EGS, TWC, ENGINE CODE 1

TUNE UP SPECIFICATIONS WITH NO ACCESSORIES IN OPERATION AND TRANSMISSION IN NEUTRAL		
ITEM	CONDITIONS	SPECIFICATIONS (All Alt.)
IGNITION TIMING	IDLE RPM 775 VACUUM HOSE DISCONNECTED	13° ± 2° BTDC
IDLE AIR FUEL MIXTURE	Idle mixture adjustment is preset and sealed at factory. Provision for adjustment during tuneup is not provided.	
IDLE R.P.M.	OXYGEN SENSOR CONNECTED	775 ± 50 R.P.M.
VALVE LASH	COLD ENGINE	INLET 0-004-0-006 INCHES. EXHAUST 0-010-0-012 INCHES.

THIS VEHICLE CONFORMS TO US E.P.A. AND CALIFORNIA ARB REGULATIONS APPLICABLE TO 1982 MODEL YEAR NEW LIGHT DUTY VEHICLES.

To ensure emission control compliance at high altitude, see service publication for further information.