

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-98-11
Relating to Certification of New Motor Vehicles

ASTON MARTIN LAGONDA LTD.

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 Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1987 model-year Aston Martin Lagonda Ltd. exhaust emission control systems are certified as described below for gasoline-powered passenger cars:

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
HAS326V5EAW2	326 (5.3)	Air Injection - Pump Dual Three-Way Catalyst (Two) (Electronic Fuel Injection)

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The following are the emission standards for this engine family:

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per mile</u>
0.41	7.0	0.4

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

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0.16	1.6	0.2

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".

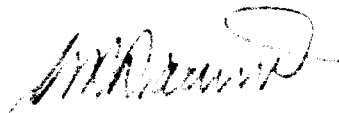
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Tune-Up Label Specifications" (Title 13, California Administrative Code, Section 1965) for the aforementioned model year.

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2035 et seq.).

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 22nd day of September, 1986.



K. D. Drachand, Chief
Mobile Source Division

Manufacturer Aston Martin Lagonda Ltd Executive Order No. A-98-11
 Engine Family HAS 326V5 E AW2 Evaporative Family 585VP
 Engine CID (Liters) 326 (5.3)

ABBREVIATIONS

Ignition System

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

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
 TOC-Trap Oxidizer Continual
 TOP-Trap Oxidizer Periodical
 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
 EFI-Electronic Fuel Injection
 IC - Intercooler
 MFI-Mechanical Fuel Injection
 TC-Turbocharged

Fuel System

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

VEHICLE MODELS:

ASTON MARTIN V8 SALOON, 2 DR COUPE
 ASTON MARTIN V8 VOLANTE, 2 DR CONVERTIBLE
 ASTON MARTIN V8 VANTAGE, 2 DR SPORTS COUPE
 ASTON MARTIN LAGONDA SALOON, 4 DR COUPE

DRIVE SYSTEM: FRONT (N-S) Engine/ REAR -/wheel Drive

198 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

E.O. #A A-98-11

Pg. 2

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

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Engine Family HAS 326V5 EAW2 Engine Code 585

ECS (Special Features) AIP, ^{2-2 ser. TWC} TWC, (EFI) CID (Liter)-Type 326 (5.3) V8

Engine Code	Vehicle Models (If Coded see attachment) (Hp)	Trans.	Equiv. Test Weight	Ign. System EEC, ESAC Part No.	Fuel System EFI Part No.	EGR Valve Part No.	Label Ident. Part No.
585	V8 Saloon (10.5) V8 Volante (12.4) V8 Vantage (10.5)	M5 A3	4500	Distributor Magnetti Marelli 5010.859.2A (RH) 5010.877.1 (LH)	Weber IAW.014	N/A	VECI B97-22850 Vacuum Hose B97-21794
	Lagonda (12.0)	A3	5000				VECI B97-22850 Vacuum Hose B97-21795

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 - 09/19/86