File

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-98-17
Relating to Certification of New Motor Vehicles

ASTON MARTIN LAGONDA 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-45-9;

IT IS ORDERED AND RESOLVED: That 1997 model-year Aston Martin Lagonda Limited exhaust emission control systems are certified as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: VAS3.2VJGKEK Displacement: 3.2 Liters (198 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Dual Three Way Catalytic Converters (two)
Dual Heated Oxygen Sensors (two)
Exhaust Gas Recirculation
Secondary Air Injection
Supercharger
Charge Air Cooler
Sequential Multiport Fuel Injection

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

The certification exhaust emission standards for this engine family in grams per mile are:

Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Carbon Monoxide (20°F)
50,000	0.25	3.4	0.4	10.0
100,000	0.31	4.2	0.6	n/a

The certification exhaust emission values for this engine family in grams per mile are:

Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Carbon Monoxide (20°F)
50,000	0.22	1.9	0.4	9.0
100,000	0.28	2.8	0.4	n/a

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

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the 50,000-mile evaporative emission standards applicable to 1980 through 1994 model-year vehicles in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles," and the listed vehicles models comply with those standards.

BE IT FURTHER RESOLVED: That the listed vehicle models shall not be subject to the running loss and useful life standards set forth in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles," pursuant to provisions in said standards and test procedures applicable to small-volume manufacturers.

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" for the aforementioned model year (Title 13, California Code of Regulations, Section 2235).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high-altitude requirements and highway emission standards, and with the California Inspection and Maintenance emission standards in place at the time of certification, as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 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 "Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines" (Title 13, California Code of Regulations, Section 1968.1) 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 provisions (Title 13, California Code of Regulations, 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 11th day of July 1996.

Raphael Susnowitz

for R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O.# A-98-17

~~199_ MODEL-YEAR AIR RESOURCES BOARD~~ SUPPLEMENTAL DATA SHEET
PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: ASTON MARTIN LAGONDA LTD Exh Eng Fam: VAS3.2VJGKEK Evap Fam: VAS1284AYMA1
All Eng Codes in Eng Fam: CA___ 49S___ 50S ✓ AB965___
Exh Std: CA Tier-1 ✓ TLEV___ LEV___ ULEV___ ZEV___; US EPA Tier-1 ✓
Evap Std: 50K ✓ Useful Life with R/L___ In-Use Exh Std: Full In Use ✓ Alt In Use___
Veh Class(es): PC ✓ LDT1___ LDT2___ MDV1___ MDV2___ MDV3___ MDV4___ MDV5___
Single Cert Std for Multi-Class Eng Fam:_____(specify: N/A, LDT1, MDV1, MDV2, MDV3, MDV4
Fuel Type(s): Dedicated ✓ Flex-Fuel___ Dual-Fuel___ Bi-Fuel___ Gasoline ✓ Diesel___
CNG___ LNG___ LPG___ M85___ Other (specify)_____
Emiss Test Fuel(s): Indo ✓ Ph2___ CNG___ LPG___ M85___ Other (specify)_____
Diesel: 13 CCR 2282___ 40 CFR 86.113-90___ 40 CFR 86.113-94___
Service Accum: Std AMA___ Mod AMA___ Mfr ADP___ Other (specify) Assigned dfs
NMOG Test Procedure: N/A ✓ Std___ Equiv___ R/L Test Proc: SHED___ Pt Source___
Hybrid: Type A___ B___ C___, APU Cycle (e.g., Otto, Diesel, Turbine):_____
Engine Configuration: 6 INLINE Displacement: 3.23 l Liters 197.64 l Cubic Inche
Valves per Cylinder: 4 Rated HP: 327 @ 6000 RP
Engine: Front ✓ Mid___ Rear___ Drive: FWD___ RWD ✓ 4WD-FT___ 4WD-PT___
Exhaust ECS (e.g., MFI, EGR, TC, CAC): 2TWC(2)/2HO2S(2)/EGR/AIR/SC/CAC/SFI
(use abbreviations per SAE J1930 SEP91)

Engine Code (also list CA/49ST/50ST)	Vehicle Models (if coded see attachment)	Trans. (M5, A4 etc.)	ETW ~~or Test Wt.~~	DPA or RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalyti Converte Part No
AM1/03	ASTON MARTIN DB7 COUPE	M5	4250	8.58	SPD 5993	DB7EGR1	SPE 6341 SPE 7077
AM1/03	ASTON MARTIN DB7 VOLANTE	M5	4500	8.78	SPD 5993	DB7EGR1	SPE 6341 SPE 7077
AM1/04	ASTON MARTIN DB7 COUPE	A4	4250	7.79	SPD 5994	DB7EGR1	SPE 6341 SPE 7077
AM1/04	ASTON MARTIN DB7 VOLANTE	A4	4500	8.65	SPD 5994	DB7EGR1	SPE 6341 SPE 7077
					INTERCOOLER SUPERCHARGER	D2551-4A SPE 6185	

Date Issued:

Revisions: