File

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-48-38
Relating to Certification of New Motor Vehicles

ROLLS-ROYCE 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-45-9;

IT IS ORDERED AND RESOLVED: That 1998 model-year Rolls-Royce Motor Cars Limited exhaust emission control systems are certified as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: WRRXV06.7TUR Displacement: 6.75 Liters (412 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Sequential Multiport Fuel Injection
Heated Oxygen Sensors (two)
Warm Up Three Way Catalytic Converter
Three Way Catalytic Converter
Secondary Air Injection
Turbocharger
Charge Air Cooler (Engine Codes A, C & D only)

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	0.15	1.2	0.3	7.5
100,000	0.19	1.7	0.3	n/a

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 "California Motor Vehicle Emission Control and Smog Index 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 running loss and useful life standards applicable to 1995 and subsequent model-year vehicles in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles," and the listed vehicle models comply with those standards.

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 12th day of June 1997.

R. B. Summerfield, Chief
Mobile Source Operations Division

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

Manufacturer: **Rolls-Royce Motor Cars Ltd** Exh Eng Fam: **WRRXV06.7TUR** Evap Fam : **WRRXE0075E96**

All Engine Codes in Engine Family: CA____ 49S____ 50S__X__ AB965____ ,ORVR: YES____ NO__X__

Exh Std: CA Tier-1__X__ TLEV____ LEV____ ULEV____ SULEV____ US EPA Tier-1__X__

Veh Class(es): PC__X__ LDT1____ MDV1____ MDV2____ MDV3____ MDV4____ MDV5____

Single Cert Std for Multi-Class Eng Fam:__N/A__(specify: N/A, LDT1, MDV1, MDV2, MDV3, MDV4)

Fuel Type(s): Dedicated__X__ Flex-Fuel____ Dual-Fuel____ Bi-Fuel____ Gasoline__X__ Diesel____

CNG____ LNG____ LPG____ M85____ Other (specify) ____

Exh Emiss Test Fuel(s): Indo__X__ CBG____ CNG____ LPG____ M85____ Other (specify)____

Diesel: 13 CCR 2282____ 40 CFR 86.113-90____ 40 CFR 86.113-94____

Evaporative Emission Test Procedure: California____ Federal__X__

Service Accum: Std AMA____ Mod AMA ____ Mfr ADP____ Other (specify)____ **ADF**____

NMOG Test Procedure: N/A__N/A__ Std____ Equiv____ R/L Test Proc: SHED____ Pt Source__X__

Engine Configuration:__V8__ Displacement:__6__ / __75__ Liters__412__ / ____ Cubic Inches

Valves per Cylinder:__2__ Rated HP: **300(B)385(A)400(C)420(D) @ (C)4150 (A,B & D) @ 4000 RPM**

Engine: Front__X__ Mid____ Rear____ Drive: FWD____ RWD__X__ 4WD-FT____ 4WD-PT____

Exhaust ECS (e.g., MFI, EGR, TC, CAC: **SFI/HO2S(2)WU-TWC+TWC/AIR/TC __) + CAC (Code A ,C & D)**
(use abbreviations per SAE J1930 JUN93)

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.	Catalytic Converter Part No.
	Bentley						
A,C or D/50S	Turbo R		5700	11.7	UT10643		
A,C or D/50S	Turbo RT		5740	11.7	UT10643		WU-TWC
A,C or D/50S	Continental R		5700	11.7	UT10643		UE79281
A,C or D/50S	Azure		6050	10.7	UT10643		
	Rolls-Royce						
B/50S	Silver Spur		5740	11.7	UT10643		TWC
B/50S	Silver Spur Park Ward	A4	6410	11.6	UT10643	N/A	UE79282
	Bentley						
B/50S	Brooklands R		5740	11.7	UT10643		
	Bentley						
D/50S	Continental T		5700	10.7	UT10643		
	Bentley						
C or D/50S	Continental SC		6050	10.7	UV20485PA		

Issue Date	15 May 97	Revision Date			