State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-48-42
Relating to Certification of New Motor Vehicles

ROLLS-ROYCE & BENTLEY 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 2000 model-year Rolls-Royce & Bentley Motor Cars Limited exhaust emission control systems are certified as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: YRRXV06.7TUR 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
Turbocharger
Secondary Air Injection
Charge Air Cooler (Engine Codes A, C, D, E, & F 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	0.16	2.2	0.3	7.6
100,000	0.20	3.2	0.3	n/a

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the aforementioned exhaust emission standards based on its submitted plan to comply with the fleet average NMOG exhaust mass emission requirements as set forth in "California Exhaust Emission Standards and Test Procedures for 1988-2000 Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles."

BE IT FURTHER RESOLVED: That under the submitted NMOG fleet average compliance plan, if the manufacturer incurs a NMOG debit for the aforementioned model year based on the projected NMOG fleet average exceeding the value required by the above-referenced standards and test procedures, all incurred NMOG debits by the manufacturer shall be equalized as required by the standards and test procedures.

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 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 1988-2000 Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles."

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the running loss and useful life standards applicable to 1995-2005 model-year vehicles in the "California Evaporative Emission Standards and Test Procedures for 1978-2000 Model Motor Vehicles," and the listed vehicle models comply with those standards.

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the "California Refueling Emission Standards and Test Procedures for 1998-2000 Model Motor Vehicles," Title 13, California Code of Regulations, Section 1978, and the listed vehicle models comply with those standards.

BE IT FURTHER RESOLVED: That 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 9th day of December 1999.

Raphael Susnowitz

for R. B. Summerfield, Chief
Mobile Source Operations Division

ROLLS-ROYCE MOTOR CARS
&
BENTLEY MOTOR CARS

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2000 MODEL-YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Rolls-Royce & Bentley Motor Cars Ltd Exh Eng Fam : YRRXV06.7TUR Evap Fam : YRRXR0200E96

All Engine Codes in Engine Family: CA_____ 49S_____ 50S__X__ AB965_____, ORVR: YES__X__ NO_____

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_____

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__

Hybrid : Type A ____ B ____ C ____ , APU Cycle (e.g., Otto, Diesel, Turbine) ____

Engine Configuration:__V-8__ Displacement:__6.75 /_____ Liters__412.0/_____ Cubic Inches

Valves per Cylinder:__2__ Rated HP **386 @ 4000 rpm (Code A)** **420 @ 4000 rpm (Code D)**
300 @ 4000 rpm (Code B) **325 @ 4000 rpm (Code E)**
400 @ 4150 rpm (Code C) **400 @ 4000 rpm (Code F)**

Engine: Front__X__ Mid_____ Rear_____ Drive: FWD____ RWD__X__ 4WD-FT____ 4WD-PT_____

Exhaust ECS (e.g., MFI, EGR, TC, CAC): SFI, WUTWC+TWC, HO2S(2), AIR, TC, CAC (Codes A,C,D,E & F)
(abbreviations as per SAE J1930 June 93 SFI, WUTWC+TWC, HO2S(2), AIR, TC (Code B)

Engine Code (Also list CA/49ST/50ST)	Vehicle Models	Trans. (M5,A4 etc)	ETW or Test Wt.	DPA or RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalytic Converter Part No.
A/50ST	Bentley Azure	L4	6050	19.9	UV 31651	N/A	WU-TWC UE 79281 TWC UE 79282
C/50ST	Bentley Azure Continental R Continental SC		6050 5700 6050	19.9 18.9 19.9			
D/50ST	Bentley Continental SC Continental T		6050 6050	19.9 19.9			
E/50ST	Rolls-Royce Corniche		6330	18.1			
F/50ST	Bentley Arnage		5860	19.3	PB 55343		WU-TWC PJ 55232 TWC PJ 55312

Issue Date	09 Oct 1999	Revision Date		YRR67T17.lwp