File

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-48-40
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 1999 model-year Rolls-Royce Motor Cars Limited exhaust emission control systems are certified as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: XRRXV04.4TUR Displacement: 4.4 Liters (268.4 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Dual Three Way Catalytic Converters
Dual Heated Oxygen Sensors (two)
Sequential Multiport Fuel Injection
Charge Air Cooler
Dual Turbochargers

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	1.4	0.3	9.4
100,000	0.29	2.1	0.4	n/a

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

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 28th day of April 1998.

R. B. Summerfield, Chief
Mobile Source Operations Division

ROLLS-ROYCE MOTOR CARS
&
BENTLEY MOTOR CARS

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1999 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 : XRRXV04.4TUR Evap Fam : XRRXE0133E96

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____

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:____ ___/_4.4_ Liters_268.4_ ____Cubic Inches

Valves per Cylinder:_4_ Rated HP: 349 @ 5500 RPM

Engine: Front_X_ Mid____ Rear____Drive: FWD____ RWD_X_4WD-FT____4WD-PT____

Exhaust ECS (e.g., MFI, EGR, TC, CAC): 2TWC, 2HO2S(2), SFI, CAC, 2TC

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.
44 8 RA/50ST	Bentley Arnage	L5	5250	14.0	PB 20314	N/A	TWC PJ 20469 PJ 20470