

File

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-48-41
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: XRRXV06.7TUR 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, & E 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:

<u>Miles</u>	<u>Non-Methane Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>	<u>Carbon Monoxide (20°F)</u>
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:

<u>Miles</u>	<u>Non-Methane Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>	<u>Carbon Monoxide (20°F)</u>
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."

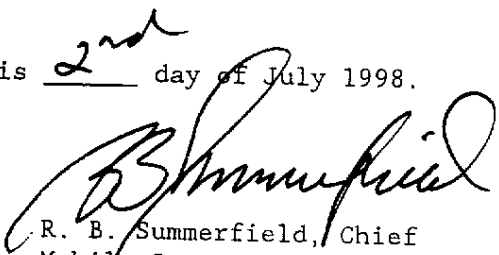
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines" (Title 13, California Code of Regulations, Section 1968.1) for the aforementioned 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 2nd day of July 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: XRRXV06.7TUR Evap Fam: XRRXE0075E96

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) ADF

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 X Pt Source _____

Engine Configuration: V8 Displacement: 6 / 75 Liters 412 / _____ Cubic Inches

Valves per Cylinder: 2 Rated HP: Code A = 385HP at 4000 rpm

Code B = 300HP at 4000 rpm

Code C = 400HP at 4150 rpm

Code D = 420HP at 4000 rpm

Code E = 325HP at 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 & E)
SFI/HO2S(2)WU-TWC+TWC/AIR/TC (Code B)

(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						
C,D/50S	Turbo RT(LWB)		5740	11.7			
A,C,D/50S	Continental R		5700	11.7			
A,C,D/50S	Azure		6050	10.7			
B/50S	Brooklands R	ALL	5740	11.7			WU-TWC
A,B,C,D,E/50S	Brooklands R(Limo)	A4	6410	12.2	ALL		UE79281
D/50S	Continental T		5700	10.7	UV20485PA	N/A	
C,D/50S	Continental SC		6050	10.7			TWC
	Rolls-Royce						UE79282
A,B,C,D,E/50S	Silver Spur Park Ward		6410	12.2			
B/50S	Silver Spur		5740	11.7			
Issue Date	15 May 96	Revision Date	14 Aug 96	15 Feb 98	1 Sept 98	7 Aug 99	

R/c addition of a model.



ROLLS-ROYCE MOTOR CARS
&
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PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Rolls-Royce Motor Cars Ltd Exh Eng Fam: XRRXV06.7TUR Evap Fam: XRRXE0075E96
 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) Assigned dffs
 NMOG Test Procedure: N/A N/A Std Equiv R/L Test Proc: SHED X Pt Source _____
 Engine Configuration: V8 Displacement: 6 / 75 Liters 412 / _____ Cubic Inches
 Valves per Cylinder: 2 Rated HP: Code A = 385HP at 4000 rpm
 Code B = 300HP at 4000 rpm
 Code C = 400HP at 4150 rpm
 Code D = 420HP at 4000 rpm
 Code E = 325HP at 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 & E)
SFI/HO2S(2)WU-TWC+TWC/AIR/TC(Code B)
 (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.
	<u>Bentley</u>						
A,C,D/50S	Continental R		5700	11.7			
A,C,D/50S	Azure		6050	10.7			WU-TWC
A,B,C,D,E/50S	Brooklands R		6100	12.2			UE79281
D/50S	Continental T	ALL	5700	10.7	ALL		
C,D/50S	Continental SC	A4	6050	10.7	UV20485PA	N/A	
	<u>Rolls-Royce</u>						
A,B,C,D,E/50S	Silver Spur		6100	12.2			TWC
A,B,C,D,E/50S	Silver Spur Park Ward		6410	12.2			UE79282

Issue Date	15 May 96	Revision Date	14 Aug 96	14 May 97	15 Feb 98
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