

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-48-33  
Relating to Certification of New Motor Vehicles

ROLLS-ROYCE MOTOR CARS LTD.

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 Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That Rolls-Royce Motor Cars Ltd. 1995 model-year exhaust emission control systems are certified as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: SRR6.7V8GAFA      Displacement: 6.75 Liters (412 Cubic Inches)

Exhaust Emission Control Systems & Special Features:

- Sequential Multiport Fuel Injection
- Heated Oxygen Sensor
- Warm Up Three Way Catalytic Converter
- Three Way Catalytic Converter
- Secondary Air Injection
- Turbocharger
- Charge Air Cooler

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

The certification exhaust emission standards (alternative in-use compliance standards in parentheses) 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>
50,000	0.25 (0.32)	3.4 (5.2)	0.4 (n/a)
100,000	0.31 (n/a)	4.2 (n/a)	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>
50,000	0.16	1.7	0.3
100,000	0.20	2.4	n/a

BE IT FURTHER RESOLVED: That the listed vehicle models are permitted alternative in-use compliance set forth in the "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles", pursuant to provisions in the said standards and test procedures applicable to small-volume manufacturers.

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 vehicle 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 "California Motor Vehicle Emission Control Label Specifications" (Title 13, California Code of Regulations, Section 1965) 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" (Title 13, California Code of Regulations, Section 2235) for the aforementioned model year.

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 for 1988 and Subsequent Model Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles with Three-Way Catalyst Systems and Feedback Control" (Title 13, California Code of Regulations, Section 1968) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the listed vehicle models have been exempted from compliance with the "Malfunction and Diagnostic System Requirements-1994 and Subsequent Model-Year Passenger Cars, Light-duty Trucks, and Medium-Duty Vehicles and Engines" pursuant to Title 13, California Code of Regulations, Section 1968.1(m)(3.0) 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 21<sup>st</sup> day of September, 1994.



R. B. Summerfield  
Assistant Division Chief  
Mobile Source Division



E.O.# A-48-33

199 5 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET  
 PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

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Manufacturer: ROLLS-ROYCE MOTOR CARS LTD. Exh Engine Family: SRR6.7V8GAGA  
 Evap Std: 50K X Useful Life with R/L      Evap Engine Family: SRR1Ø85AYMØ1  
 Exh Std: Tier-0      Tier-1 X TLEV      LEV      ULEV      ZEV      ; EPA Tier-0 X Tier-1       
 Veh Class(es): PC X LDT1      LDT2      MDV1      MDV2      MDV3      MDV4      MDV5       
 Single Cert Std for Multi-Class Eng Fam: N/A (specify: N/A, LDT1, MDV1, MDV2, MDV3, MDV4)  
 Exh Cert Fuel(s): Indo X Ph2      Diesel: 13 CCR 2282      or 40 CFR 86.113-90      or -94       
 M85      CNG      LPG      Other (specify)       
 Fuel Type(s): Dedicated X Flex-Fuel      Dual-Fuel      Gasoline X Diesel      M85       
 CNG      LNG      LPG      Other (specify)       
 Hybrid: Type A      B      C     , APU Cycle (e.g., Otto, Diesel, Turbine)       
 Engine Configuration: Y8 Displacement: 6 / 75 Liters 412 / Cubic Inches  
 Engine: Front X Mid      Rear      Drive: FWD      RWD X 4WD-FT      4WD-PT       
 Exhaust ECS (eg., EGR, MFI, TC, CAC): SFI / HO2S / WUTWC + TWC / AIR / (TC + CAC)  
 (use abbreviations per SAE J1930 SEP91)  
 OBD 2 Exempt

Engine Code (also list CA/49ST/50ST)	Vehicle Models (if coded see attachment)	Trans. Type A-Automatic M-Manual	ETW or Test Wt	DPA or RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalytic Converter Part No.
	<u>Bentley</u>		ETW	DPA			
A - 50ST	Turbo R	A4	5500	11.7	)		)
A - 50ST	Turbo RL	A4	5500	11.7	)		)
A - 50ST	Brooklands Turbo	A4	5500	11.7	) ) Rolls-Royce		)
A - 50ST	Brooklands Turbo (LWB)	A4	5500	11.7	) ) Part No.		) ) WUTWC ) UE 74016
A - 50ST	Continental R	A4	5500	11.1	) ) UD 75066	N/A	)
A - 50ST	Continental (Turbo)	A4	5500	12.8	) ) Bosch Part No. ) 0 261 203 147		) ) TWC ) UE 74907
	<u>Rolls-Royce</u>						
A - 50ST	Flying Spur	A4	5500	11.7	)		)
A - 50ST	Corniche S	A4	5500	12.8	)		)