

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-30-125  
Relating to Certification of New Motor Vehicles

AUDI AG

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 Audi AG exhaust emission control systems are certified as described below for passenger cars:

Emission Standard Category: Low-Emission Vehicle (LEV)

Fuel Type (Certification Fuel): Gasoline (Indolene)

Engine Family: YADXV02.8334 Displacement: 2.8 Liters (169 Cubic Inches)

Exhaust Emission Control Systems & Special Features:

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

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

The LEV certification exhaust emission standards for this engine family in grams per mile are:

<u>Miles</u>	<u>Non-Methane Organic Gas</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>	<u>Formaldehyde</u>	<u>Carbon Monoxide (20°F)</u>
50,000	0.075	3.4	0.2	0.015	10.0
100,000	0.090	4.2	0.3	0.018	n/a

The LEV certification exhaust emission values for this engine family in grams per mile are:

<u>Miles</u>	<u>Non-Methane Organic Gas</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>	<u>Formaldehyde</u>	<u>Carbon Monoxide (20°F)</u>
50,000	0.045	0.6	0.2	0.001	2.0
100,000	0.055	0.7	0.2	0.001	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 and Subsequent 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 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 vehicle manufacturer is certifying the listed vehicle models to the "California Refueling Emission Standards and Test Procedures for the 1998 and Subsequent Model Motor Vehicles," Title 13, California Code of Regulations, Section 1978, and the listed models comply with those standards.

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 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 vehicle manufacturer has demonstrated compliance with the exhaust emission standards at 50 degrees Fahrenheit 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.

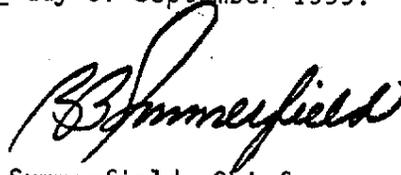
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Emission Control and Smog Index Label Specifications" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

BE IT FURTHER RESOLVED: That 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 2<sup>nd</sup> day of September 1999.

A handwritten signature in cursive script, appearing to read "R. B. Summerfield".

R. B. Summerfield, Chief  
Mobile Source Operations Division

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

Manufacturer: AUDI AG Exh Eng Fam: YADXV02.8334 Evap Fam: YADXR0140232  
 All Engine Codes in Engine Family: CA 49S 50S x AB965 ORVR: Yes X No  
 Exh Std: CA Tier-1 TLEV LEV X ULEV ZEV; NLEV US EPA Tier-1 X  
 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)  
 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 X Other (specify)  
 NMOG Test Procedure: N/A Std X Equiv R/L Test Proc: SHED Pt Source X  
 Engine Config. V6 Displacement: 2.8 Liters 169 Cubic Inches  
 Valves per Cylinder: 5 Rated HP: 190 / 200 @ 6000 RPM  
 Engine: Front X Mid. Rear Drive: FWD X RWD 4WD-FT X 4WD-PT  
 Exhaust ECS (eg., MFI, EGR, TC, CAC, etc.): SFI / 2TWC(2) / 2HO2S(2) / AIR  
 (use abbreviations per SAE 1930 JUN93)

Engine Code (also list CA/49ST/50ST)	Vehicles Models (if coded see attachment)	Trans. (M5, A4, ect.)	ETW or Test WT	DPA or RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalytic Converter Part No.
ATQ DK 50-St	A4 / A4 Avant	L5	3625	5,8	3B0 907 551 AN/G	n.a.	lf. 8D0 253 096 DQ rt. 8D0 253 095 GF
	A4	M5	3500	5,7	3B0 907 551 AN/G		lf. 8D0 253 096 DP rt. 8D0 253 095 GE
	A4 A4 Avant	L5Q	3750 3875	6,8 6,8	3B0 907 551 G		lf. 8D0 253 096 DQ rt. 8D0 253 096 GF
	A4 A4 Avant	M5Q	3625 3750	6,8 6,8	3B0 907 551 AS/G		lf. 8D0 253 096 DF rt. 8D0 253 095 GE
	A6 A6 Avant	L5	3875 4000	6,5 6,5	3B0 907 551 AN/G		lf. 4B0 253 096 DG rt. 4B0 253 095 FJ
	Passat Passat Variant	L5	3625 3750	5,8 5,8	3B0 907 551 AN/G		lf. 4B0 253 096 DG rt. 4B0 253 095 FJ
	Passat Passat Variant	M5	3500 3625	6.0 6.0	3B0 907 551 AN/G		lf. 4B0 253 096 DF rt. 4B0 253 095 FH

Date Issued: 28 Jul 99

Revisions: \_\_\_\_\_

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

Manufacturer: AUDI AG Exh Eng Fam: YADXV02.8334 Evap Fam: YADXR0140233  
 All Engine Codes in Engine Family: CA 49S 50S x AB965 ORVR: Yes  No   
 Exh Std: CA Tier-1  TLEV  LEV  ULEV  ZEV  ; US EPA <sup>ULEV</sup> 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)  
 Fuel Type(s): Dedicated  Flex-Fuel  Dual-Fuel  Bi-Fuel  Gasoline  Diesel   
 CNG  LNG  LPG  M85  Other (specify) \_\_\_\_\_  
 Exh Emiss Test Fuel(s): Indo  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   
 Service Accum: Std AMA  Mod AMA  Mfr ADP  Other (specify) \_\_\_\_\_  
 NMOG Test Procedure: N/A  Std  Equiv  R/L Test Proc: SHED  Pt Source   
 Engine Config. V6 Displacement: 2.8 Liters 169 Cubic Inches  
 Valves per Cylinder: 5 Rated HP: 190 / 200 @ 6000 RPM  
 Engine: Front  Mid.  Rear  Drive: FWD  RWD  4WD-FT  4WD-PT   
 Exhaust ECS (eg., MFI, EGR, TC, CAC, etc.): SFI / 2TWC(2) / 2HO2S(2) / AIR  
 (use abbreviations per SAE 1930 JUN93)

Engine Code (also list CA/49ST/50ST)	Vehicles Models (if coded see attachment)	Trans. (M5, A4, ect.)	ETW or Test WT	DPA or RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalytic Converter Part No.
ATQ DK 50-St	A6 quattro	M5Q	4000	7,7	3B0 907 551 BA	n.a.	lf. 4B0 253 096 DG rt. 4B0 253 095 FJ
	A6	L5Q	4000	7,7	3B0 907 551 BA	n.a.	lf. 4B0 253 096 DG rt. 4B0 253 095 FJ
	A6 Avant		4250	7,7			
	Passat Passat Variant	L5Q	3875 4000	6,8 6,8	3B0 907 551 BA	n.a.	lf. 4B0 253 096 DG rt. 4B0 253 095 FJ

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