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## State of California AIR RESOURCES BOARD

## EXECUTIVE ORDER A-30-122 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: Transitional Low-Emission Vehicle (TLEV)

Fuel Type (Certification Fuel): Gasoline (Indolene)

Engine Family: YADXVO1.8336 Displacement: 1.8 Liters (109 Cubic Inches)

Exhaust Emission Control Systems & Special Features:

Sequential Multiport Fuel Injection Three Way Catalytic Converter Heated Oxygen Sensor (two) Charge Air Cooler Turbocharger

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

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

<u>Miles</u>	Non-Methane Organic Gas	Carbon <u>Monoxide</u>	Nitrogen Oxides	<u>Formaldehyde</u>	Carbon Monoxide (20°F)
50,000	0.125	3.4	0.4	0.015	10.0
100,000	0.156	4.2	0.6	0.018	n/a

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

Miles	Non-Methane Organic Gas	Carbon <u>Monoxide</u>	Nitrogen <u>Oxides</u>	<u>Formaldehyde</u>	Carbon <u>Monoxide (20°F)</u>
50,000 100,000	0.082 0.097	1.4	0.1	0.001 0.002	2.6 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 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 non-methane organic gas (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 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 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 vehicle manufacturer is certifying the listed vehicle models to the "California Refueling Emission Standards and Test Procedures for 1998 and Subsequent 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 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.).

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).

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  $\underline{\mathscr{O}}$ day of March 1999.

R. B. Summerfield, Chief

Mobile Source Operations Division

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## 2000 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET Page 1 of 1 PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDUM-DUTY VEHICLES

All Engine Codes in Engine Family: CA495
Veh Class(es): PC_X
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_
Fuel Type(s):         Dedicated X         Flex-Fuel
CNG LNG LPG M85 Other (specify)         LPG M85 Other (specify)           Exh Emiss Test Fuel(s): Indo_X CBG CNG LPG M85 Other (specify)         A0 CFR 86.113-90 40 CFR 86.113-94           Evaporative Emission Test Procedure: California _X
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 X Federal  Service Accum: Std AMA Mod AMA Mfr ADPX Other (specify)  NMOG Test Procedure: N/A Std X Equiv R/L Test Proc: SHED Pt Source X  Engine Config. L4 Turbo Displacement: 1.8 Liters 109 Cubic Inches  Valves per Cylinder: 5 Rated HP: 180 © 5500 RPM  Engine: Front X Mid. Rear Drive: FWD X RWD 4WD-FT X 4WD-PT  Exhaust ECS (e.g., MFI, EGR, TC, CAC, etc.) SFI / TWC / HO2S(2) / AIR / CAC / TC  (use abbreviations per SAE 1930 JUN93)  Engine Code Vehicles Models Trans. ETW DPA Ignition EGR Catalytic (also list (if codded see Type or or (ECM/PCM) System Converter CA/49ST/50ST) attachment) (MS, A4 Test RLHP Part No. Part No. Part No. Part No.
Diesel: 13 CCR 2282 40 CFR 86.113-90 40 CFR 86.113-94  Evaporative Emission Test Procedure: California X Federal  Service Accum: Std AMA
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NMOG Test Procedure: N/A Std X Equiv R/L Test Proc: SHED Pt Source X  Engine Config. L4 Turbo Displacement: 1.8 Liters 109 Cubic Inches  Valves per Cylinder: 5 Rated HP: 180 © 5500 RPM  Engine: Front X Mid. Rear Drive: FWD X RWD 4WD-FT X 4WD-PT  Exhaust ECS (e.g., MFI, EGR, TC, CAC, etc.) SFI / TWC / HO2S(2) / AIR / CAC / TC  (use abbreviations per SAE 1930 JUN93)  Engine Code (vehicles Models Trans. ETW DPA Ignition EGR Catalytic (if codded see Type or or (ECM/PCM) System Converter CA/49ST/50ST) attachment) (M5, A4 Test RLHP Part No. Part No. Part No. Part No. Part No. Part No.
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Valves per Cylinder: 5  Engine: Front X Mid. Rear Drive: FWD X RWD 4WD-FT X 4WD-PT  Exhaust ECS (e.g., MFI, EGR, TC, CAC, etc.) SFI / TWC / HO2S(2) / AIR / CAC / TC  (use abbreviations per SAE 1930 JUN93)  Engine Code Vehicles Models Trans. ETW DPA Ignition EGR Catalytic (also list (if codded see Type or or (ECM/PCM) System Converter CA/49ST/50ST) attachment) (MS, A4 Test RLHP Part No. Part No. Part No. Part No.  ATC ZK TT Coupe MS 3250 5.5 06A 906 018 C n.a. 1J0 253 208
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ATC ZK TT Coupe M5 3250 5.5 06A 906 018 C n.a. 1J0 253 208
TT Roadster   M5   3375   5.5   "   "   "   "

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Revisions:	1			:	 