State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-30-75
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 Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1990 model-year Audi AG exhaust emission control systems are certified as described below for gasoline-powered passenger cars:

Engine Family: LAD2.0V6FAJX Displacement: 2.0 Liters (121 Inches^3)
Equipped with the following exhaust emission control systems:

Heated Oxygen Sensor
Three-Way Catalyst
Continuous Fuel Injection System
On-Board Diagnostics

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

The following are the exhaust emission standards for this engine family:

Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
0.41	7.0	0.4

The following are the certification exhaust emission values for this engine family:

Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
0.32	2.4	0.1

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles".

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 2290) 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 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 "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 vehicle models listed also comply with the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year[s]..." (Title 13, California Code of Regulations, Section 1968) 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 (California Health and Safety Code Section 43205).

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 25th day of August, 1989.

K. D. Drachand, Chief
Mobile Source Division

1990 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET E.O.# A-30-75 Page 1

Manufacturer AUDI AG Eng. Family LAD 2.0 V6FAJX

Pass Cars X Lt-Duty Trucks ___ Med-Duty Vehicles ___ Gas X Diesel ___

Eng. Type Otto Liter (CID) 2.0 (121) Evap. Family LAJ8

Emission Control Sys. (Use SAE Abbrv.) CIS/TWC/HO2S/OBD

Engine: Front X Mid. ___ Rear ___ Drive: FWD X RWD ___ 4WD-FT ___ FWD-PT ___

Eng. Code/ (Cert Std.)	Veh. Models (If Coded see Attachmt.)	Trans. Type: A-Auto M-Man.	Equiv. Test Weight	RLHP or DPA	Ign. Sys. (ECU/PROM) Part No.	EGR Syst. Part No.	Catalyst Part No.
ADJ7	Audi 80/90	A3	3000	6.4	ECU 893 907 404	-	443 178 C
ADJ5	Audi 80/90	M5	2875	6.4	ECU 893 907 404	-	893 178 A

Date of Issue: 02-24-89 Revisions:

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Manufacturer AUDI AG Eng. Family LAD 2.0 V6FAJX

Pass Cars X Lt-Duty Trucks ___ Med-Duty Vehicles ___ Gas X Diesel ___

Eng. Type Otto Liter (CID) 2.0 Evap. Family LNHH

Emission Control Sys. (Use SAE Abbrv.) MPI/TWC/HO2S

Engine: Front X Mid. ___ Rear ___ Drive: FWD X RWD ___ 4WD-FT ___ FWD-PT ___

Eng. Code/ (Cert Std.)	Veh. Models (If Coded see Attachmt.)	Trans. Type: A-Auto M-Man.	Equiv. Test Weight	RLHP or DPA	Ign. Sys. (ECU/PROM) Part No.	EGR Syst. Part No.	Catalyst Part No.
ADJ7	Audi 80/90	A3	3000	6.4	ECU 893 907 404	-	443 178 C
ADJ5	Audi 80/90	M5	2875	6.4	ECU 893 907 404	-	893 178 A

Date of Issue: 11-13-89 Revisions:

1990 MODEL-YEAR CERTIFICATION REVIEW SHEET
EXHAUST/EVAPORATIVE SYSTEM & FILL PIPE SPECIFICATION COMPLIANCE

Mfgr. AUDI AG Engine Family LAD 2.0 V6FAJX

Rated HP 108 at 5300 RPM Rated Torque 121 at 3200 RPM

Cert. Type- CA X 49S ___ 50S ___ Type Cert. - 50K X 100 K ___

	Section/Page		Section/Page
1 Authorized Representative	1	13 Evap. Bench Test Procedure	13
2 Fuel, Test Equipment Procedures & Route	3, 4, 5	14 Gen. Std., Increase in Em., Safety, Mtg. All Requirements	16.01
3 Warr. State & Parts List	17, 16	15 Prod. Veh. Same as Test Veh.	17.03
4 Maint: Cert/Req'd/Recm'd	6	16 Label Durability	17.03
5 Tune-Up Lab./Vac.Hose Diagram	7	17 Driveability	17.03
6 Evap. Control System	08.11	18 Fill Pipe Specifications	17.02
7 Engine Parameters	10.02-10.06	19 Altitude A/F Req'ment	16.01
8 Fuel/Ignition Systems	08.01,08.02	20 Cert. Preview Program	17.05
9 Exhaust Control System	08.17	21 OBD System	08.01
10 Projected Sales	10.08	22 EPA Certificate	
11 Vehicle Description	10.10	23 Two Year/24K Warranty	17.01

12 Test Vehicle Information	Dur. ID	Dur. MY	Emis. ID	Emis. MY
C/O MY or C/A EF	699-88,893-119	'90	893-160,754-90,659-90	'90
Zero Mile Books	sect. 12		sect. 12	
Vehicle Logs	sect. 12		sect. 12	
Maint. Logs & Engr. Eval.	sect. 12		sect. 12	

PROJECTED EMISSIONS (1) (2)

Veh. ID	Code (Displ)	Trans	Axle Ratio	ETW	RLHP	MPG City/Hwy	Test Loc.	HC	CO	NOx	Hwy NOx	50K Evap. or Part
754-90		A3	3.25	3000	6.4	24.0/34.4	Mfr.	0.32	2.4	0.14	0.04	0.68
659-90		M5	4.11	2875	6.4	24.3/39.2	EPA	0.12	1.7	0.04	0.02	—
893-160		---	---	---	---	--- ---	---	---	---	---	---	1.1

(1) The emission data vehicle/s above comply with standards of: 0.41 7.0 0.4 0.93 2.0

and includes deterioration factors of: 1.118 1.045 1.000 — 0.2

(2) Evaporative DF is the average of Vehicle DF 893-119 and Bench DF assigned: 0.5

Remarks

Application Processed by ___ Date ___ Reviewed by ___ Date ___