

File

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-7-184  
Relating to Certification of New Motor Vehicles

VOLKSWAGEN 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 1994 model-year Volkswagen AG exhaust emission control systems are certified as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: RVW2.8V8GFHM Displacement: 2.8 Liters (170 Cubic Inches)

Exhaust Emission Control Systems & Special Features:

- Sequential Multiport Fuel Injection
- Secondary Air Injection
- Three Way Catalytic Converter
- Heated Oxygen Sensors (Two)
- Exhaust Gas Recirculation
- On-Board Diagnostic II

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>
50,000	0.25	3.4	0.4
100,000	0.31	4.2	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	0.17	0.7	0.2
100,000	0.17	0.7	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 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 "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model 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" 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 listed vehicle models also comply with the "California Motor Vehicle Emission Control Label Specifications" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

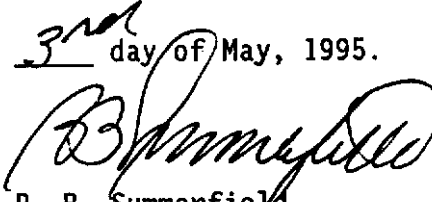
BE IT FURTHER RESOLVED: That the listed vehicle models equipped with a partially complying on-board diagnostic system satisfy the "Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines," Title 13, California Code of Regulations, section 1968.1, pursuant to a waiver being granted under section 1968.1(m)(6.0) provided production of the engine family commences prior to April 1, 1994.

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 3<sup>rd</sup> day of May, 1995.

  
R. B. Summerfield  
Assistant Division Chief  
Mobile Source Division

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1994 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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Manufacturer VOLKSWAGEN Engine Family RW 2.8 V6GPHM  
 Passenger Cars X (PC) Light-Duty Trucks      (T1/T2) Medium-Duty Vehicles      (M1/M2/M3/M4/M5)  
 Stds Type: Tier 1 (Tier 0/1, AB965, TLEV, LEV, ULEV) Veh. Type (FFV, HEV (type A/B/C)):       
 Fuel Type: GASOLINE Evaporative Family: RW1045EYPOV  
 Engine Config. V6 Liter (CID) 2.8 (170)  
 Engine: Front X Mid.      Rear      Drive: FWD X RWD      4WD-FT      4WD-PT       
 Exhaust ECS & Special Features (incl. CARB, MPI, etc.) SFI/AIR/TWC/HO2S(a)/EGR/OBDII  
 (Use abbreviations per SAE J1930 May 91)

Engine Code (Cert. Std.)	Veh. Models (If coded see Attachment)	Trans. Type: A-Auto M-Man.	Equiv. Test Weight	RLHP or EPA	Ignit. Syst. (ECM/PCM) Part No.	EGR System Part No.	Catalyst Part No.
AAA 50 ST TIER1	Corrado	A	3,125	5.6	021 906 258 BA	021 131 503 A 054 906 267	535 131 701 G
AAA 50 ST TIER1	Corrado	M	3,125	5.6	021 906 258 BA	021 131 503 A 054 906 267	535 131 701 G