

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-7-93
Relating to Certification of New Motor Vehicles

VOLKSWAGENWERK 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 1985 model-year Volkswagenwerk exhaust emission control systems are certified as described below for diesel-powered passenger cars:

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
FVW1.6D6JAA2	97 (1.6)	Engine Modification (Diesel Injection-Prechamber)

Vehicle models, transmissions and engine codes are listed on attachments.

The following are the emission standards for this engine family to be listed on the window decal required by "California Assembly-Line Test Procedures for 1983 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles".

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per mile</u>	<u>Particulates Grams per Mile</u>
0.46	8.3	1.0	0.4

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

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>	<u>Particulates Grams per Mile</u>
0.21	0.8	0.9	0.2

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

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 23rd day of August 1984.


K. D. Drachand, Chief
Mobile Source Division

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Volkswagenwerk AG Executive Order No. A7-93
 Engine Family FVW1.6D6JAA2 Evaporative Family n.a.
 Engine CID (Liters) 97 (1.6)

ABBREVIATIONS

<u>Ignition System</u>	<u>Exhaust Emissions Control System</u>	<u>Special Features</u>
CA-Centrifugal Advance	AIP-Air Injection-Pump	CCV-Combustion Chamber Valve
EEC-Electronic Engine Control	AIV-Air Injection-Valve	CFI-Central Fuel Injection
EI-Electronic Ignition	CL-Closed Loop	DID-Diesel Injection-Direct
ESAC-Electronic Spark Advance Control	EGR-Exhaust Gas Recirculation	DIP-Diesel Injection-Prechamber
VA-Vacuum Advance	EM-Engine Modification	EFI-Electronic Fuel Injection
VR-Vacuum Retard	OC-Oxidation Catalyst System	IC - Intercooler Injection
	TOC-Trap Oxidizer Continual	MFI-Mechanical Fuel Injection
	TOP-Trap Oxidizer Periodical	TC-Turbocharged
	TR-Thermal Reactor	
	TWC-Three-Way Catalyst System	

Fuel System
 CFI, CL, DID, DIP, EFI, MFI
 nV-nVenturi Carburetor
 VV-Variable Venturi

VEHICLE MODELS:

GOLF SEDAN
 JETTA SEDAN

DRIVE SYSTEM: FWD, Front Engine/ Two -Wheel Drive

012584

Issued: 07/31/84

Passenger Cars Light-Duty Trucks Medium-Duty Vehicles Gas Diesel

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Engine Family FWW1.6D6JAA2 Engine Code ME

ECS (Special Features) DI (DIP.) CID (Liter)-Type 97 (1.6) L - 4

Engine Code	Vehicle Models (If Coded see attachment) (Hp)	Trans.	Equiv. Test Weight	Ign. System	Fuel System	EGR Valve	Label Ident.
				Part No.	Part No.	Part No.	Part No.
ME	GOLF/JETTA (7.0)	M5	2,625	n.a.	Injection pump 068130110 G Fuel injectors 068130201 E	n.a.	VECI 068 130 033A

Comments: See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment. If two test weights are listed, the lower weight will be used for testing.

*Add 10% to dyno test HP for air conditioning usage.

071080

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