State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-7-48 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 Order G-45-3, and G-45-4;

IT IS ORDERED AND RESOLVED: That 1982 model-year Volkswagenwerk AG exhaust emission control systems are certified as described below for diesel passenger cars.

Engine Family	Displacement Cubic Inches (Liters)	Exhaust Emission Control Systems (Special Features)
CVW1.6D6JAAX	97 (1.6)	Engine Modification

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families as 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 1982 model-year vehicles:

Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
Grams per Mile	Grams per Mile	Grams per Mile
0.46	8.3	1.5

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

Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	
Grams per Mile	Grams per Mile	Grams per Mile	
0.42	1.7	1.0	

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 Administrative Code, 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 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 in El Monte, California this

day of July, 1981.

K. D. Drachand, Chief

Mobile Source Control Division

1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Volkswagen	Executive Order No. A-7-48	Page 1
Engine Family <u>CVW1.6D6JAAX</u>	Evaporative Family n/a	
	Engine CID (Liters) 97 (1.6)	-
ABBREVIATIONS		
Ignition System CA-Centrifugal Advance EEC-Electronic Engine Control EI-Electronic Ignition ESAC-Electronic Spark Advance Control VA-Vacuum Advance VR-Vacuum Retard	Exhaust Emissions Control System AIP-Air Injection-Pump AIV-Air Injection-Valve CL-Closed Loop EGR-Exhaust Gas Recirculation EM-Engine Modification OC-Oxidation Catalyst System TR-Thermal Reactor TWC-Three Way Catalyst System	Special Features CCV-Combustion Chamber Valve CFI-Central Fuel Injection DID-Diesel Injection- Direct DIP-Diesel
Fuel System CFI, CL, DID, DIP, EFI, MFI		Injection- Prechamber
nV-nVenturi Carburetor VV-Variable Venturi		MFI-Mechanical Fuel Injection

Vehicle Models

Rabbit Sedan Diesel Jetta Sedan Diesel TC-Turbocharged

DRIVE SYSTEM: Front engine/front drive Date of Issue - 07/29/81 Revisions -

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	1982 A	IR RESOU	RCES BOA	RD SUPPLEMENT		ige <u> </u>	
X Passe	enger Cars Li	ght-Duty	Trucks	Medium-D	uty Vehicles	Gas _x_	Diesel
Manut	facturer <u>Volk</u>	swagenwe)	rk AG	·	E.O.	#A <u>-7-48</u>	
Engir	ne Family CVW1	.6D6JAAX	 	CID (liter) - Type <u>97 (</u>	1.6) L4	····
ECS ((Special Features)	· · · · · · · · · · · · · · · · · · ·	·	·			
Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System	Fuel System MFI	EGR Valve	Label Ident.
	u caciment)		AC 19110	Part No.	Part No.	Part No.	Part No.
CR-R	Rabbit	M4/5	2375	n/a	Control Unit 068 130- 107 AG	n/a	VECI 068 133- 033 AA
CR-J	Jetta		2500		Injector 068 130- 201 C		
		,	2625		Control Unit	·	
<u>k</u>					068 130- 107 AF		,
					Injector 068 130- 201 C		
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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.

Date of Issue - 07/29/81 Revisions:

