State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-7-218-1
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 the following exhaust and evaporative emission control systems produced by the manufacturer are certified as described below:

Model Year: 2001

Vehicle Type: Passenger Car

Exhaust Emission Standard Category: Tier 1

Fuel: Diesel

Test Group: 1VWXV01.9233

Engine Displacement: 1.9 Liters

Evaporative Family: n/a

Special Features and Exhaust Emission Control Systems:

Direct Diesel Injection
Oxidation Catalytic Converter
Turbocharger
Charge Air Cooler
Exhaust Gas Recirculation

Models Covered: Volkswagen New Beetle TDI, Golf TDI, Jetta TDI, Jetta TDI Wagon

The exhaust certification emission levels and standards, in grams per mile, of non-methane hydrocarbons (NMHC), carbon monoxide (CO), oxides of nitrogen (NOx), and particulate matter (PM) for the listed vehicle models are as follows.

The evaporative hydrocarbon (HC) certification emission levels and standards for three-day diurnal plus hot soak (3D) and two-day diurnal plus hot soak (2D) in grams per test, running loss (RL) in grams per mile, and onboard refueling vapor recovery (ORVR) in grams per gallon of fuel dispensed, for the listed vehicle models are as follows.

	Type of Emissions	Miles	Certification Level	Certification Standards
EXHAUST				
.....	NMOG fleet average		0.068 (projected)	0.070
	NMHC	50,000	n/a	n/a
	NMHC	100,000	0.04	0.31
	CO	50,000	n/a	n/a
	CO	100,000	0.3	4.2
	NOx	50,000	n/a	n/a
	NOx	100,000	0.7	1.0
	NOx (highway)	50,000	n/a	n/a
	NOx (highway)	100,000	0.6	1.3
	PM	50,000	0.05	0.08
	PM	100,000	n/a	n/a
.....	CO (20^{0}F)	50,000	n/a	n/a
EVAPORATIVE				
	HC-2D	100,000	n/a	n/a
	HC-3D	100,000	n/a	n/a
	HC-RL	100,000	n/a	n/a
	HC-ORVR	100,000	n/a	n/a

BE IT FURTHER RESOLVED: That any debit in the manufacturer's NMOG fleet average compliance plan shall be equalized as required by the "California Exhaust Emission Standards and Test Procedures for 2001 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 "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 for the listed vehicle models, the manufacturer has attested to compliance with the following California emission regulations and requirements. Vehicles certified under this Executive Order shall conform to all applicable California emission regulations and requirements.

- Motor Vehicle Emission Control and Smog Index Label Specifications (Title 13, California Code of Regulations, Section 1965)

- Emission Control System Warranty (Title 13, California Code of Regulations, Sections 2035 et seq.)

- High-Altitude Requirements (California Exhaust Emission Standards and Test Procedures for 2001 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles)

The Bureau of Automotive Repair will be notified by copy of this order.

Executive Order A-7-218 dated July 13, 2000, is superseded by Executive Order A-7-218-1.

Executed at El Monte, California this 2nd day of April 2001.

R. B. Summerfield, Chief
Mobile Source Operations Division