State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-7
Relating to Approval of New Motor Vehicles

VOLKSWAGENWERK AG

Pursuant to the authority vested in the Air Resources Board by Sections 39150 and 39151 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Section 39023 of the Health and Safety Code;

IT IS ORDERED AND RESOLVED: That Volkswagenwerk AG exhaust emission control systems for 1973-model year light-duty motor vehicles are approved for the engine families described below:

Engine Family	Engine Size (cubic inches)	Emission Control System	Vehicle Models
2	102.5 (2-1V carburetor)	Engine Modification, Exhaust Gas Recirculation and Air Injection	Panel Truck 21, Sta. Wgn.22/24, Combi and Camp-mobile 23, Pick-up and Pick-up double cabin 26
	102.5 (Fuel Injection)	Engine Modification and Fuel Injection	Sedan 41/42, Square Back Sedan 46 and Roadster 914/4
3	120	Engine Modification and Fuel Injection	Roadster 914 S

Section 39152, Part I, Division 26 of the California Health and Safety Code requires that a decal be affixed to the side window which discloses the highest emissions from the certification fleet for that engine family for which approval has been granted by the Board.

The following are the recommended values to be listed on the decal:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
2	3.1	39	3.0
3	3.1	26	2.0

These values are in effect until January 30, 1973. After this date, the exhaust emissions for each vehicle determined by factory assembly-line tests in accordance with the "Assembly-Line Test Procedure for 1973 and Subsequent Model Light-Duty Vehicles" must be shown on a decal.

In accordance with Section III E. of the California Exhaust Emission Standards and Test Procedures for 1973 through 1976 Model Gasoline-Powered Light-Duty Motor Vehicles, the manufacturer is required to inform the Air Resources Board of any production changes which will affect emissions.

Supplemental information sheets are attached to this order which include tune-up specifications and emission control system data.

The Department of Motor Vehicles, the California Highway Patrol, and the Bureau of Automotive Repair of the Department of Consumer Affairs will be notified of this approval by copy of this order and attachment.

Executed at Sacramento, California, this 17 day of October, 1972.

Original signed by
John A. Maga

JOHN A. MAGA
Executive Officer

AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1973 Model-Year
Light Duty Vehicles

MANUFACTURER: VOLKSWAGEN OF AMERICA, INC.

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Vehicle Model	Engine C.I.D.	Carburetor No. of Venturi	Trans-mission	Engine Family	Inertia Weight	Tune-up Specifications		
						Idle RPM	Basic Timing	Idle CO or AFR
TYPE 2								
Panel Truck 21	102.5	2-IV	M-4	2	3500	900 ± 75 N	10° ATC @ 900 RPM (1)	1.0-3.0%
Station Wagon 22/24			M-4					
Combi & Campmobile 23			A-3			930 ± 50 N	5° ATC @ 900 RPM (1)	
Pick-up & Pick-up Double Cabin 26								
TYPE 4								
Sedan 41/42	102.5	F.I.	M-4 and A-3		2750	800-950 N	27° BTC @ 3500 RPM (2)	
Square Back Sedan 46								
Roadster 914/4			M-5		2500			

(1) Transmission in neutral and vacuum hoses connected
(2) Transmission in neutral and vacuum hoses disconnected

See other side for additional information.

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Model	Engine C.I.D.	Carburetor No.of Venturi	Trans-mission	Distributor Make & No.	Type Adv.*	Carburetor Make & No.	Emission Control System: Exhaust	NOx	Evap.	Other
TYPE 2										
Panel Truck 21	102.5	2-IV	M-4	BOSCH 021905204E	C,V,VR	SOLEX 021129027/028-PM	EM/AIR	EGR	Canister	EGRL
Station Wagon 22/24			M-4 and A-3	021905204E 021905204A						
Combi & Campmobile 23										
Pick-up & Pick-up Double Cabin 26										
TYPE 4										
Sedan 41/42 (engine EB)	102.5	F.I.	M-4 and A-3	022905204		BOSCH Injector valve 311906031B Control Unit 022906021E Pressure Sensor 022906051E	EM & F.I.			DCV
Square Back Sedan 46 (engine EB)										
ROADSTER 914/4 (engine EB)			M-5							

EM = Engine Modification
EGRL = EGR low temperature cut out on CD engine (automatic transmission)

EGR = Exhaust Gas Recirculation
DCV = deceleration control valve
AIR = Air Injection Reactor

* **C - Centrifugal**
V - Vacuum
VR - Vacuum retard

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						Idle RPM	Basic Timing	Idle CO or AFR
914S (914/4)	120	F.I.	M-5	3	2500	900 ± 50	27° BTC @ 3500 RPM *	1.5% (max.)

* Transmission in neutral with vacuum hoses disconnected
F.I. = Fuel Injection

See other side for additional information.

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Model	Engine C.I.D.	Carburetor No.of Venturi	Trans-mission	Distributor Make & No.	Type Adv.*	F.I. Make & No.	Emission Control System			
							Exhaust	NOx	Evap.	Other
914S (914/4)	120	F.I.	M-5	BOSCH 039905205	C,V,VR	BOSCH Control Unit 022906021E Pressure Sensor 022906051C Injection Valve 311906031B	EM & FI		Canister	

F.I. = Fuel Injection
EM = Engine Modification

* C - Centrifugal
V - Vacuum
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