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## State of California AIR RESOURCES BOARD

# EXECUTIVE ORDER A-7-33 Relating to Certification of New Motor Vehicles

#### **VOLKSWAGENWERK AG**

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Sections 43100, 43102, 43103, and 43835; 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 Volkswagenwerk AG exhaust emission control systems are certified as described below for 1979 model-year gasoline-powered passenger car.

Engine Family	Displacement Cubic Inches	Exhaust Emission Control Systems (Special Features)				
Dasher C	97	Exhaust Gas Recirculation Oxidation Catalyst (Mechanical Fuel Injection)				

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families as listed on attachments.

The following are the certification emission values to be listed on the window decal required by California Assembly-Line Test Procedures for 1979 model-year vehicles:

Engine Family	Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
	Grams per Mile	Grams per Mile	Grams per Mile
Dasher C	0.16	1.6	1.2

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 except Motorcycles".

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, or have been granted a temporary exemption from the aforementioned "Specifications" by Executive Order AA-7 series.

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Department of Motor Vehicles and the Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 22 day of September, 1978.

G. C. Hass, Chief

Vehicle Emissions Control Division

E. C. Dan

### 1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer	Volkswagenwerk AG	Executive Order No.	A-7-33	Page _	1
Engine Family	Dasher C	Engine (CID) 97			

ABBREVIATIONS

Ignition System
CA-Centrifugal Advance
EI-Electronic Ignition
ESAC
VA-Vacuum Advance
VR-Vacuum Retard

Fuel System
EFI, MFI
nV-nVenturi Carburetor
VV-Variable Venturi

Vehicle Models:

Exhaust Emissions Control System
AI-Air Injection
CCAV-Comb. Chamber Air Valve
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification

ESAC-Electronic Spark Advance Control MFI-Mechanical Fuel Injection

Dasher Sedan

Dasher Station Wagon

OC-Oxidation Catalyst
PAI-Pulse Air Injection
TC-Turbo Charged
TR-Thermal Reactor
TWC-Three Way Catalyst
(Feedback Control)
WOC-Warm-up Oxidation
Catalyst

Evaporative Emission Control Family: Dasher

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# 1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

	- X Passeng	er Cars		Light-Duty	y Trucks [	Medium-Duty	Vehicles	
Manufacturer Volkswagenwerk AG							Page 2	
					Engine Code			
E	mission Control	System _	EGR, OC		+ ]	10% (A/C)	Yes No X	
Eng. Code	Vehicle Models (If Coded see attachment)	Trans.	Inertia Weight Class (Axle Ratio)*	Ign. Sys. CA,VA,VR Distributo Part No.	Fuel System MFI r (K-Jetronic) Part No.	EGR Valve Part No.	Tune-up Specification  (1) Basic Timing (2) Idle Mixture (3) Idle Speed	
CMOL1.6 CMOH1.6 CAOL1.6 CAOH1.6	Sedan Station Wagon	M-4	2500	0231-176- 057 049-905- 205A	049-133- 353 D or G or H Fuel Injecti Control Unit		(1) 3° + 1° ATDC with vacuum hoses connected.  (2) Max. 0.3% CO at tailpipe or 0.5+0.4 % CO upstream from catalyst**  (3)925+75 rpm in neutral	

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, equipment and inertia weight class.

Date of Issue - 9-18-78
\*\*4-02-79 R.C. #14 (11-14-78)

<sup>\*</sup>Axle ratio is that of medium duty certification vehicle.

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1979	ΔIR	RESOURCES	ROARD	SUPPLEMENTAL	DATA	SHEET
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	• X Passeng	er Cars		Light-Dut	y Trucks	Medium-Duty	Vehi	cles
M	anufacturer <u>Vo</u>	lkswagenw	verk AG					3
E	ngine Family <u>Da</u>	asher C	7- <del>7-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1</del>	Engi	ne (CID) <u>97</u>		Engi Code	
Eı	mission Control	System _	egr, OC		+ 1	0% (A/C)	Yes	X No
Eng. Code	Vehicle Models (If Coded see attachment)	Trans.	Ratio)*	Ign. Sys. CA,VA, VR Distributor Part No.	MFI	EGR Valve Part No.	Spec (1) (2)	e-up dification Basic Timing Idle Mixture Idle Speed
CMAL1.6 CMAH1.6	Sedan Station Wagon	M-4	2500	057 049-905- 205A	049-133- 353 D or G or H Fuel Injectio Control Unit	PE-20-182 028-2100	(2)	3°±1° ATDC with vac. hoses connected.  Max. 0.3% CO at tailpipe or 0.5+0.4 % CO upstream from catalyst**  925±75 rpm in neutral

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