

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-7-15R  
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 and Executive Order G-45-3;

IT IS ORDERED AND RESOLVED: That Volkswagenwerk AG exhaust emission control systems for 1976 model-year passenger cars are approved for the engine family described below:

- Engine Family: Dasher C1
- Engine: 97 CID
- Transmission: 4-Speed Manual and 3-Speed Automatic
- Exhaust Emission Control Systems: Engine Modification, Exhaust Gas Recirculation, Fuel Injection, Oxidation Catalyst

Model: Volkswagen (M/T-4 and A/T-3)

- Dasher Sedan 32
- Dasher Station Wagon 33

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1976 model vehicles:

<u>Engine Family</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
Dasher C1	0.3	3.4	1.5

BE IT FURTHER RESOLVED: That, pending further evaluation of the applicant's general standards submission, this approval is limited to the sale of vehicles with build dates no later than December 31, 1975.

BE IT FURTHER RESOLVED: That this Executive Order is issued subject to the following conditions:

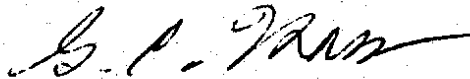
- (1) Volkswagenwerk AG will submit a list of all operating conditions which may lead to catalyst overheating, the provisions taken to protect against damage caused thereby and such other vehicle information concerning safety as the Air Resources Board may reasonably request.

(2) Volkswagenwerk AG agrees to provide all purchasers of vehicles built and sold under this Executive Order with any information which is required to be given to purchasers of similar 1976 model-year vehicles manufactured under a subsequent Executive Order.

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

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

Executed at El Monte, California, this 24 day of October, 1975.



G. C. Hass, Chief  
Division of Vehicle Emissions Control

AIR RESERVES BOARD  
SUPPLEMENTAL INFORMATION

1976 MODEL YEAR

PASSENGER CARS

LIGHT-DUTY TRUCKS

MANUFACTURER: VW AG

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Engine Family	Vehicle Models (If coded attachment)	Engine CID	Trans. Weight	Inertia Weight	Distributor		Fuel System		Emission Control System			Tune-up Specifications		
					Type	Mfgr. Part No.	Type	Mfgr. Part No.	OC Service*	TR Service*	EGR Part No. Service*	Idle RPM	Basic Timing	Idle Mixture
Dasher C1	Dasher sedan, wagon	97	A3 (3.91 axle) M4 (4.11 axle)	2500 (&7.0 hp road load power +10% for A/C)	C, V VR	0231 176 057	FI	Bosch: Mixture control unit 133 353 Air flow sensor 0 438 120 008 Fuel distributor 0 438 100 007	EM FI EGR OC	EW 2/3c/4; OM 722/14 M R, not required	PE 20 182 I - 15 000	925 + 75 (trans. in neut. ral. headlamps energized & on high beam)	3° ± 1° ATDC (vacuum connect. at the tailpipe)	CO max. 0.5 % measured

Abbreviations:

- AI - Air Injection
- EFE - Early Fuel Evaporation
- ESAC - Electronic Spark Advance Control
- EFI - Electronic Fuel Injection
- FI - Fuel Injection
- ESAC - Electronic Spark Advance Control
- EGR - Exhaust Gas Recirculation
- OC - Oxidation Catalyst
- PAI - Pulse Air Injection
- EM - Engine Modifications
- RC - Reduction Catalyst
- CAI - Catalyst Air Injection
- TR - Thermal Reactor
- \*Service
- I - Inspect, repair/replace as needed
- R - Replace

AIR RESOURCES BOARD  
SUPPLEMENTARY INFORMATION

1976 MODEL YEAR  PASSENGER CARS  LIGHT-DUTY TRUCKS Corrected May 5, 1976

EXECUTIVE ORDER NO. A-7-15R

MANUFACTURER: VOLKSWAGENWERK AG

Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans (ratio)	Inertia Weight	Distributor		Fuel System		Emission Control System		Idle RPM	Basic Timing	Idle	
					Type	Mfr. Part No.	Type	Mfr. Part No.	Type	OC <input checked="" type="checkbox"/>				TR <input type="checkbox"/>
Dasher C1	Dasher sedan Dasher wagon	97	M4 (4.11 axle ratio) A3 (3.91 axle ratio)	2,250 (8.0 road load hp +10% for A/C)	C.V VR	Bosch 0 231 176 057, which is VW 049 905 205A	FI	Mixture control Unit 049 133 353, consisting of Bosch 0 438 120 008 Air Flow Sensor; Bosch 0 438 100 007 Fuel Distribu- tor; Bosch 0 438 120 011 warm-up Regulator; and 0 280 170 402 Starting Valve	EGR EM FI OC	Degussa 0M722/ 14 M or Johnson Matthey EW2 / 30/4 (neither number on can)	Pierberg PE 20182  I-15,000 miles	925+75 in neu- tral with head- lamps on high beam	3° + 1° ATDC at idle speed with vacuum connected	0.5% maximum at tail- pipe

Abbreviations:

- Distributor
- Centrifugal Advance
- Vacuum Advance
- R - Vacuum Retard
- EI - High Energy Ignition
- EI - Electronic Ignition

- Exhaust Emission Control System:
- AI - Air Injection
- EFI - Electronic Fuel Injection
- EGR - Exhaust Gas Recirculation
- EM - Engine Modifications
- CAI - Catalyst Air Injection

- EFE - Early Fuel Evaporation
- FI - Fuel Injection
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