

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-7-13
Relating to Certification of New Motor Vehicles

VOLKSWAGENWERK AG

Pursuant to the authority vested in the Air Resources Board by Sections 39018, 39600, 39601, 43101, and 43102 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 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 light duty trucks are certified for the engine family described below:

- Engine Family: 10
- Engine: 120 CID
- Transmission: 4-Speed Manual and 3-Speed Automatic
- Exhaust Emission Control Systems: Engine Modification, Electronic Fuel Injection, Exhaust Gas Recirculation, Oxidation Catalyst

Models: Volkswagen (M/T-4 & A/T-3)

- Station Wagon (Bus) 22
- Kombi 23
- Campmobile 23

BE IT FURTHER RESOLVED: That this certification is contingent upon Volkswagenwerk AG affixing a permanent catalyst overheat warning label on the driver's sun-visor of all catalyst-equipped vehicles. This label must be certified by the Executive Officer.

BE IT FURTHER RESOLVED: That this certification is also contingent upon Volkswagenwerk AG listing in the owner's manual the operating cautions associated with a catalyst-equipped vehicle. This listing must be certified by the Executive Officer.

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>
10	0.5	11	1.6

Vehicles certified 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 23 day of January, 1976.



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

AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION

1976 MODEL YEAR

R/C # 29/76, May 12, 1976

PASSENGER CARS

LIGHT-DUTY TRUCKS

EXECUTIVE ORDER NO. A-7-13

MANUFACTURER: VOLKSWAGENWERK A.G.

Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans & Axle Ratio	Inertia Weight	Distributor		Fuel System		Emission Control System		Tune-up Specifications			
					Mfr. Part No.	Type	Mfr. Part No.	Type	OC	TR	Part No. Service*	EGR Part No. Service*	Idle RPM	Basic Timing
10	Station wagon (bus) 22. Kombi 23. Campmobile 23.	120	M/T-4 4.57	3500	C V	Bosch 021 905 205 S	EFI	Bosch electronic control unit 022 906 021 N, or 022 906 021 N	EM EFI EGR OC CAN	<input checked="" type="checkbox"/> OC <input type="checkbox"/> TR	EW2/3c/4022 131 501 F I-15,000 I-30,000 I-45,000	900+50 neutral	7.5° BTDC (with distributor vacuum line connected)	0.2-2.0 CO upstream of catalyst

Abbreviations:

- Distributor
C - Centrifugal Advance
V - Vacuum Advance
VR- Vacuum Retard

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

- FI - Fuel Injection
OC - Oxidation Catalyst
RC - Reduction Catalyst
TR - Thermal Reactor

- Evaporative Control System
CAN- Charcoal Canister Storage
TS - Tank Storage
*Service
I - Inspect, repair/replace as needed

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1976 MODEL YEAR

PASSENGER CARS

LIGHT-DUTY TRUCKS

R/C # 29/76, May 12, 1976

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Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans & Axle Ratio	Inertia Weight	Distributor		Fuel System		Emission Control System		Tune-up Specifications				
					Mfgr. Part No.	Type	Mfgr. Part No.	Type	<input checked="" type="checkbox"/> OC <input type="checkbox"/> TR	Part No. Service*	EGR Part No. Service*	Idle RPM	Basic Timing	Idle Mixture	
10	Station wagon (bus) 22. Kombi 23. Campmobile 23.	120	A/T-3 4.09	3500	C V	Bosch 021 905 205 S	EFI	Bosch electronic control unit 022 906 021 R, or 022 906 021 P	EM EFI EGR OC CAN	<input checked="" type="checkbox"/> OC <input type="checkbox"/> TR	Part No. Service* EW2/3c/4022 131 or OM722/ 14M EX20 no service	Part No. Service* 501 F I-15,000 I-30,000 I-45,000	950±50 (in neutral)	7.5° BTDC (with distributor vacuum line con- nected)	0.2-2.0 CO upstream of catalyst

Abbreviations:

- Distributor
- C - Centrifugal Advance
- V - Vacuum Advance
- VR- Vacuum Retard
- AI - Air Injection
- EFI- Electronic Fuel Injection
- EGR- Exhaust Gas Recirculation
- TM - Engine Modifications
- FI - Fuel Injection
- OC - Oxidation Catalyst
- RC - Reduction Catalyst
- TR - Thermal Reactor
- Exhaust Emission Control System

- Evaporative Control System
- CAN- Charcoal Canister Storage
- TS - Tank Storage
- *Service
- I - Inspect, repair/replace as needed

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1976 MODEL YEAR

PASSENGER CARS LIGHT-DUTY TRUCKS

EXECUTIVE ORDER NO. A-7-13

MANUFACTURER: VOLKSWAGENWERK A.G.

Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans & Axle Ratio	Inertia Weight	Distributor		Fuel System		Emission Control System		Tune-up Specifications			
					Mfr. Part No.	Type	Mfr. Part No.	Type	Type	Mfr. Part No.	Type	OC <input checked="" type="checkbox"/> TR <input type="checkbox"/>	Part No. Service*	Part No. Service*
10	Station wagon (bus) 22. Kombi 23. Campmobile 23.	120	M/T-4 4.57	3500	C	Bosch	021 905	EFI	Bosch control unit	EM	EW2/3c/4	900±50	7.5°	0.2-2.0
					V	205 S	022 906	EGR	or OM722/14M	EFI	501 F	BTDC	CO	900±50
									021 Q	OC	I-15,000 I-30,000 I-45,000	900±50	(with distributor vacuum line connected)	upstream of catalyst
									Enrichment sensor	CAN	no service	950±50 (in neutral)		
									Air meas unit 022 906 301 B					
									Bosch control unit 022 906 021 R (other components same as for M-4)					

Abbreviations:

- Distributor
- C - Centrifugal Advance
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- Exhaust Emission Control System
- AI - Air Injection
- EFI - Electronic Fuel Injection
- EGR - Exhaust Gas Recirculation
- Fuel Injection
- OC - Oxidation Catalyst
- RC - Reduction Catalyst
- Evaporative Control System
- CAN - Charcoal Canister Storage
- TS - Tank Storage
- *Service