

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-7-8
Relating to Approval of New Motor Vehicles

VOLKSWAGENWERK A.G.

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-45-1;

IT IS ORDERED AND RESOLVED: That Volkswagenwerk A.G. exhaust emission control systems for 1975 model-year light-duty trucks are approved for the engine families described below:

Engine Family: 4

Engine: 109 CID

Exhaust Emission Control Systems: Engine modification, electronic fuel injection, exhaust gas recirculation.

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

Panel Truck 21

Station Wagon Bus 22

Kombi 23

Campmobile 23

Engine Family: 5

Engine: 109 CID

Exhaust Emission Control Systems: Engine modification, electronic fuel injection, exhaust gas recirculation, oxidation catalyst

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

Panel Truck 21

Station Wagon Bus 22

Kombi 23

Campmobile 23

Engine Family: 6

Engine: 109 CID

Exhaust Emission Control Systems: Engine modification, electronic fuel injection, exhaust gas recirculation, oxidation catalyst.

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

Panel Truck 21
 Station Wagon Bus 22
 Kombi 23
 Campmobile 23

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1975 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>
4	1.6	18	2.0
5	0.6	14	1.4
6	0.5	14	1.0

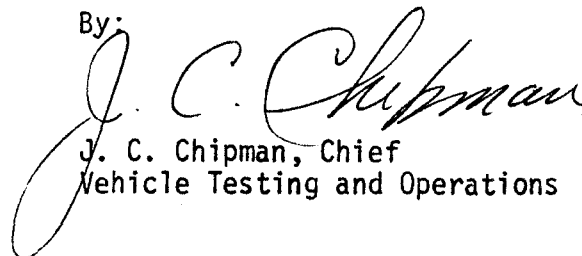
Vehicles approved under this Executive Order must conform to all applicable California emission regulations.

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 7th day of October, 1974.

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

By:


 J. C. Chipman, Chief
 Vehicle Testing and Operations

AIR REGULATIONS BOARD
SUPPLEMENTAL INFORMATION
1975 MODEL YEAR

PASSENGER CARS LIGHT-DUTY TRUCKS

MANUFACTURER: VOLKSWAGENWERK A.G.

EXECUTIVE ORDER NO. A-7-8

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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			Idle RPM	Basic Timing	Idle Mixture
					Type	Mfgr. Part No.	Type	Mfgr. Part No.	Type	Part No. Service*	OC			
4	Panel Truck 21	109	M/T-4 4.86	3000	C V VR	Bosch 022905205 AB	EFI	Bosch Control unit 022906301A	EM EFI EGR CAN	None	022906281 I -15,000 I -30,000 I -45,000	900+50 Neut	5° ATDC	0.2-2.0% CO
	Station Wagon Bus 22 Kombi 23 Campmobile 23			3500				Enrichment sensor 022906041 Air Valve 022906045A						
	Panel Truck 21		A/T-3 4.36	3000		022905205 AC						950+50 Neut		

Abbreviations:

Distributor

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

Exhaust Emission Control System

- AI - Air Injection
- EFT - Electronic Fuel Injection
- EGR - Exhaust Gas Recirculation
- EM - Engine Modifications

Fuel Injection

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

*WRONG -
CORRECTION;
COMING*

- I - Inspect, repair/adjust
- R - Replace

AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1975 MODEL YEAR

PASSENGER CARS

LIGHT-DUTY TRUCKS

MANUFACTURER: VOLKSWAGENWERK A.G.

EXECUTIVE ORDER NO. A-7-8

Rev: 02-05-75

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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		Basic Timing		Idle Mixture
					Type	Mfgr. Part No.	Type	Mfgr. Part No.	Type	OC	TR	EGR	Part No. Service*	Part No. Service*	Idle RPM	
4	Panel Truck 21	109	M/T-4 4.86	3000	C V VR	Bosch 022905205 AB	EFI	Bosch Control unit 022906021L	EM EFI EGR CAN	None	<input type="checkbox"/>	<input type="checkbox"/>	022906281	900+50 Neut	5° ATDC	0.2-2.0% CO
	Station Wagon Bus 22 Kombi 23 Campmobile 23			3500				Air Meas Unit 022- 906-301A								
	Panel Truck 21		A/T-3 4.36	3000		022905205 AC		Bosch Control Unit 022-906-021M other three above com ponents same for A-3 trans						950+50 Neut		

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

AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1975 MODEL YEAR

PASSENGER CARS

LIGHT-DUTY TRUCKS

Rev: 02-05-75

MANUFACTURER: VOLKSWAGENWERK A.G.

EXECUTIVE ORDER NO. A-7-8

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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	Basic Timing	Idle Mixture
					Type	Mfr. Part No.	Type	Mfr. Part No.	Type	OC <input type="checkbox"/>	TR <input type="checkbox"/>			
5	Panel Truck 21	109	M/T-4 4.86	3000	C V VR	Bosch 022905205 AB	EFI	Bosch Control unit 0229060211	EM EFI EGR OC CAN	E:12/3C/4 or O:1722/14M EX20	022906281	900+50 Neut	5° ATDC	0.2-2.0% CO Upstream of Catalyst
	Station Wagon Bus 22 Kombi 23 Campmobile 23			3500				Air Meas Unit 022- 906-301A		No Service				
	Panel Truck 21		A/T-3 4.36	3000		022905205 AC		Bosch Control Unit 022-906- 021M other three above com ponents same for A-3 trans				950+50 Neut		

Abbreviations:

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Exhaust Emission Control System

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

Evaporative Control System

- CAN - Charcoal Canister Storage
- TS - Tank Storage
- *Service
- I - Inspect, repair/replace as needed
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Fuel Injection

- OC - Oxidation Catalyst
- RC - Reduction Catalyst
- TR - Thermal Reactor

AIR RESOURCES BOARD
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PASSENGER CARS LIGHT-DUTY TRUCKS

MANUFACTURER: VOLKSWAGENWERK A.G. EXECUTIVE ORDER NO. A-7-8 PAGE NO. 2 of 3

Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans & Axle Ratio	Inertia Weight	Distributor		Fuel System		Emission Control System			Tune-up Specifications		Basic Timing	Idle Mixture
					Type	Mfgr. Part No.	Type	Mfgr. Part No.	Type	Part No. Service*	OC	TR	EGR Part No. Service*		
5	Panel Truck 21	109	M/T-4 4.86	3000	C V VR	Bosch 022905235 AB	EFI	Bosch Control unit 022906301A	EM EFI EGR OC CAN	<input checked="" type="checkbox"/> OC <input type="checkbox"/> TR	<input type="checkbox"/>	022906281	900+50 Neut	5° ATDC	0.2-2.0% CO Upstream of Catalyst
	Station Wagon Bus 22 Kombi 23 Campmobile 23			3500				Enrichment sensor 022906041		No Service					
	Panel Truck 21		A/T-3 4.36	3000		022905205 AC	Air Valve 022906045A						950+50 Neut		

Abbreviations:

Distributor Exhaust Emission Control System
 C - Centrifugal Advance AI - Air Injection
 V - Vacuum Advance EFI - Electronic Fuel Injection
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 EM - Engine Modifications

Fuel Injection System Evaporative Control System
 FI - Fuel Injection CAN - Charcoal Canister Storage
 OC - Oxidation Catalyst TS - Tank Storage
 RC - Reduction Catalyst *Service
 TR - Thermal Reactor I - Inspect, repair/replace as needed
 R - Replace

ATR REGULATIONS BOARD
SUPPLEMENTARY INFORMATION

1975 MODEL YEAR

PASSENGER CARS

LIGHT-DUTY TRUCKS

MANUFACTURER: VOLKSWAGENWERK A.G.

EXECUTIVE ORDER NO. A-7-8

Rev: 02-05-75

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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		Basic Timing	Idle Mixture
					Type	Mfgr. Part No.	Type	Mfgr. Part No.	Type	Part No. Service*	OC <input checked="" type="checkbox"/> TR <input type="checkbox"/>	EGR		
6	Panel Truck 21 Station Wagon Bus 22 Kombi 23 Campmobile 23	109	1/1-4 4.86	3000	C V R	Bosch 022905205 AB	EFI	Bosch Control unit 022906021L Enrichment sensor 022906041 Air Valve 022906045A	EM EFI EGR OC CAN	EW2/3C/4 or 01722/144 EX 20 R-30,000	022906281	900+50 Neut.	5° ATDC	0.2-2.0% CO Upstream of catalyst
	Panel Truck 21		A/T-3 4.36	3000		022905205 AC		Bosch Control Unit 022-906- 021M other three above com- ponents same for A-3 trans				950+50 Neut		

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ATR REG. ROSES BOARD
SUPPLEMENTAL INFORMATION
1975 MODEL YEAR

PASSENGER CARS LIGHT-DUTY TRUCKS

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					Type	Mfgr. Part No.	Type	Mfgr. Part No.	Type	Part No. Service*	EGR Part No. Service*	Idle RPM		
6	Panel Truck 21	109	M/T-4 4.86	3000	C V R	Bosch 022905205 AB	EFI	Bosch Control unit 022906301A Enrichment sensor 022906041 Air Valve 022906045A	EM EFI EGR CAN	<input checked="" type="checkbox"/> OC <input type="checkbox"/> TR	022906281	900+50 Neut.	5° ATDC	0.2-2.0% CO Upstream of catalyst
	Station Wagon Bus 22 Kombi 23 Campmobile 23			3500										
	Panel Truck 21		A/T-3 4.36	3000		022905205 AC						950+50 Neut		

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