

20.  
State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-7-7  
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 passenger cars are approved for the engine families described below:

Engine Family: 2

Engine: 97 CID

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

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

Sedan 11

Sedan 13

Convertible 15

Volkswagen (M/T-4)

The Thing 18

Engine Family: 3

Engine: 97 CID

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

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

Sedan 11

Sedan 13

Convertible 15

Volkswagen (M/T-4)

The Thing 18

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>
2	0.5	8.2	1.4
3	0.5	8.2	1.4

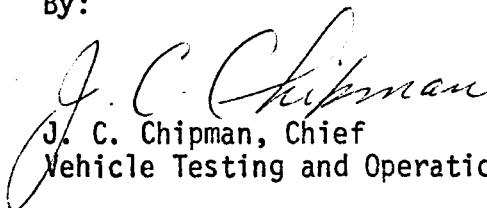
Vehicles approved under this Executive Order must conform to all applicable California emission regulations.

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 27<sup>th</sup> day of September, 1974.

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

By:

  
J. C. Chipman, Chief  
Vehicle Testing and Operations

AIR RESERVE ES BOARD  
SUPPLEMENTAL INFORMATION

1975 MODEL YEAR

PASSENGER CARS

LIGHT-DUTY TRUCKS

Rev: 02-05-75

MANUFACTURER: VOLKSWAGEN/MERK A.G.

EXECUTIVE ORDER NO. A-7-7

PAGE NO. 1 of 2

Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans.	Inertia Weight	Distributor		Fuel System		Emission Control System		Tune-up Specifications		Idle Mixture							
					Type	Mfgr. Part No.	Type	Mfgr. Part No.	Type	Part No. Service*	EGR Part No. Service*	Idle RPM		Basic Timing						
2	Sedan 11	97	M-4 3.875	2250	C	Bosch 043905205H	EFI	Bosch Control Unit 043-906-021	EFI EGR OC CAN	EW2/3C/4 or 04722/144 Ex 20 No service	043906281 I-15,000 I-30,000 I-45,000	875+75 Neut.	5° ATDC	0.2-2% CO Upstream of catalyst						
	Sedan 13														V	Bosch 043905205J	Bosch Control Unit 043-906-021A other three above com- ponents same for A-3 trans	EGR	925+75 Neut.	"0" TDC
	Convertible 15																			
The Thing 18	M-4 4.125	2500	M-4 3.875	VR	Bosch 043905205J	Bosch Control Unit 043-906-021A other three above com- ponents same for A-3 trans	EGR	925+75 Neut.	"0" TDC	0.2-2% CO Upstream of catalyst										
Convertible 15	M-4 3.875										2500	VR	Bosch 043905205J	Bosch Control Unit 043-906-021A other three above com- ponents same for A-3 trans	EGR	925+75 Neut.	"0" TDC	0.2-2% 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

Fuel Injection  
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  
R - Replace

AIR RESCUES BOARD  
SUPPLEMENTAL INFORMATION  
1975 MODEL YEAR

PASSENGER CARS  LIGHT-DUTY TRUCKS

MANUFACTURER: VOLKSWAGENWERK A.G. EXECUTIVE ORDER NO. A-7-7 PAGE NO. 1 of 2

Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans.	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*				EGR Part No. Service*
2	Sedan 11 Sedan 13	97	M-4 3.875	2250	C V VR	Bosch 043905205H	EFI	Bosch Control Unit 043-906-301	EFI EGR CAN	EW2/3C/4 or 0M722/14M Ex 20 No ser-vice	043906281 I-15,000 I-30,000 I-45,000	875+75 Neut.	5° ATDC	0.2-2% CO Upstream of catalyst
	The Thing 18		M-4 4.125				Enrichment sensor 022-906-041	Air valve 022-906-045A						
	Convertible 15		M-4 3.875	2500										
	Sedan 11 Sedan 13		A-3 4.38	2250		Bosch 043905205 J						925+75 Neut.	"0" TDC	
	Convertible 15			2500										

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
  - FM - Engine Modifications
- Fuel Injection
- 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-7-7

PAGE NO. 2 of 2

Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans.	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*				Part No. Service*	Idle RPM						
3	Sedan 11	97	M-4	2250	C	Bosch 043905205	EFI	Bosch Control unit 043-406-021	EFI EGR OC CAN	EM/2/3C/4 or OM722/14M EX 20	043906281	875+75 Neut.	5° ATDC	0.2 - 2% CO upstream of catalyst							
	Sedan 13														A-3	2250	Bosch Control Unit 043-906-021A	R-30,000	I-15,000 I-30,000 I-45,000	925+75 Neut.	"0" TDC
	The Thing 18																				
Convertible 15	M-4 4.125	2500	VR	043905205 H	Air valve 022-906-041 Air Meas Unit 043 906 301																
Convertible 15	M-4 3.875	2500	VR	043905205 J	A-3 trans																

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

R - Replace

AIR REGISTRATION BOARD  
SUPPLEMENTAL INFORMATION

1975 MODEL YEAR

PASSENGER CARS

LIGHT-DUTY TRUCKS

MANUFACTURER: Volkswagenwerk A.G.

EXECUTIVE ORDER NO. A-7-7

PAGE NO. 2 of 2

Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans.	Inertia Weight	Distributor		Fuel System		Emission Control System		Tune-up Specifications		Idle Mixture					
					Type	Mfr. Part No.	Type	Mfr. Part No.	Type	Part No. Service*	OC <input checked="" type="checkbox"/> TR <input type="checkbox"/>	EGR Part No. Service*		Idle RPM	Basic Timing			
3	Sedan 11	97	M-4	2250	C	Bosch 043905205	EFI	Bosch Control unit 043-406-301	EFI EGR OC CAN	EW/2/3C/4 or OM722/14M EX 20	043906281	875+75 Neut.	5° ATDC	0.2 - 2% CO upstream of catalyst				
	Sedan 13		M-4												M-4	Enrichment sensor 022-906-041	R-30,000	I-15,000 I-30,000 I-45,000
	The Thing 18		M-4												Enrichment sensor 022-906-041	Air valve 022-906-045A		
Convertible 15	Convertible 15	4.125	M-4	2500	VR	Bosch 043905205 J	EFI	Enrichment sensor 022-906-041	R-30,000			925+75 Neut.	"0" TDC					
															Convertible 15	M-4	Enrichment sensor 022-906-041	Air valve 022-906-045A

Abbreviations:

Distributor

Exhaust Emission Control System

Evaporative Control System

C - Centrifugal Advance  
V - Vacuum Advance  
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AI - Air Injection  
EFI - Electronic Fuel Injection  
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I - Inspect, repair/replace as needed  
R - Replace