

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-30-12  
Relating to Certification of New Motor Vehicles

AUDI NSU AUTO UNION 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 Audi NSU Auto Union AG exhaust emission control systems are certified as described below for 1979 model-year gasoline-powered passenger cars:

| <u>Engine Family</u> | <u>Displacement<br/>Cubic Inches</u> | <u>Exhaust Emission Control Systems<br/>(Special Features)</u>                 |
|----------------------|--------------------------------------|--|
| 5000C                | 131                                  | Exhaust Gas Recirculation<br>Oxidation Catalyst<br>(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:

| <u>Engine Family</u> | <u>Hydrocarbons<br/>Grams per Mile</u> | <u>Carbon Monoxide<br/>Grams per Mile</u> | <u>Nitrogen Oxides<br/>Grams per Mile</u> |
|----------------------|--|---|---|
| 5000C                | 0.19                                   | 2.0                                       | 1.5                                       |

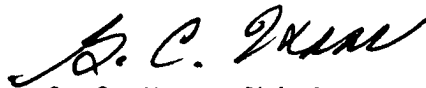
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles except Motorcycles".

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.

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 13 day of October, 1978.



G. C. Hass, Chief  
Vehicle Emissions Control Division

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Manufacturer Audi NSU Executive Order No. A-30-12 Page 1

Engine Family 5000C Engine (CID) 131

ABBREVIATIONS

Ignition System

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

Exhaust Emissions Control System

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

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

Fuel System

EFI, MFI  
nV-nVenturi Carburetor  
VV-Variable Venturi

ESAC-Electronic Spark Advance  
Control  
MFI-Mechanical Fuel Injection

Vehicle Models: Audi 5000 Sedan

Evaporative Emission Control Family: 5000

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

E.O. #A-30-12

Passenger Cars       Light-Duty Trucks       Medium-Duty Vehicles

Manufacturer Audi NSU Auto Union AG Page 2

Engine Family 5000C Engine (CID) 131 Engine Code -

Emission Control System EGR, OC + 10% (A/C) Yes  No

| Eng. Code          | Vehicle Models (If Coded see attachment) | Trans. | Inertia Weight Class (Axle Ratio)* | Ign. Sys. Distributor | Fuel System K-Jetronic (MFI) | EGR Valve Part No. | Tune-up Specification<br>(1) Basic Timing<br>(2) Idle Mixture<br>(3) Idle Speed  |
|--------------------|--|--------|------------------------------------|-----------------------|------------------------------|--------------------|--|
| CMA2.2H<br>CMA2.2L | 5000 Sedan                               | M-5    | 3000                               | 035905<br>205B        | 035153<br>353A               | PE 20423           | (1) 3°+1° ATDC with vacuum hoses connected.<br>(2) 0.5+0.4% CO upstream from OC. |
| CAA2.2H<br>CAA2.2L |  | A-3    |                                    |                       |                              | PE 20425           | (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.

\*Axle ratio is that of medium duty certification vehicle.

Date of Issue - 10/11/78

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E.O. #A30-12

Passenger Cars       Light-Duty Trucks       Medium-Duty Vehicles

Manufacturer Audi NSU Auto Union AG Page 3

Engine Family 5000C Engine (CID) 131 Engine Code -

Emission 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. Distributor | Fuel System K-Jetronic (MFI) | EGR System Part No. | Tune-up Specification<br>(1) Basic Timing<br>(2) Idle Mixture<br>(3) Idle Speed                                      |
|--------------------|--|--------|------------------------------------|-----------------------|------------------------------|---------------------|--|
| CM02.2H<br>CM02.2L | 5000 Sedan                               | M-5    | 3000                               | 035905<br>205         | 035133<br>353A               | PE 20423            | (1) 3°+1° ATDC with vacuum hose connected<br><br>(2) 0.5+0.4% CO upstream from OC.<br><br>(3) 925+75 rpm in neutral. |
| CA02.2H<br>CA02.2L |  | A-3    |                                    |                       |                              | PE 20423            |  |

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.

\*Axle ratio is that of medium duty certification vehicle.

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