State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-30
Relating to Approval of New Motor Vehicles

AUDI NSU AUTO UNION 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;

IT IS ORDERED AND RESOLVED: That Audi Nsu Auto Union AG exhaust emission control systems for 1973-model year light-duty motor vehicles are approved for the engine families described below:

Engine Family	Engine Size (Cubic inches)	Emission Control System	Vehicle Models
Audi 100	114.5	Engine Modification	Audi 100(Man. Trans.) Audi 100LS(Man. Trans.) Audi 100GL(Man. Trans.)
		Engine Modification and Exhaust Gas Recirculation	Audi 100(Auto. Trans.) Audi 100LS(Auto. Trans.) Audi 100GL(Auto. Trans.)

Section 39152, Part I, Division 26 of the California Health and Safety Code requires that a decal be affixed to the side window which discloses the highest emissions from the certification fleet for that engine family which approval has been granted by the Board.

The following are the recommended values to be listed on the decal:

Engine Family	Hydrocarbons grams per mile	Carbon Monoxide grams per mile	Nitrogen Oxides grams per mile
Audi 100	2.9	22	2.8

These values are in effect until January 30, 1973. After this date, the exhaust emissions for each vehicle determined by factory assembly-line tests in accordance with the "Assembly-Line Test Procedure for 1973 and Subsequent Model Light-Duty Vehicles" must be shown on a decal.

Section 3 of the above procedure requires the manufacturer to submit, before the start of a model-year, a list of the items to be functionally checked and the procedure, including instrumentation, for performing these checks.

In accordance with Section III E. of the California Exhaust Emission Standards and Test Procedures for 1973 through 1976 Models Gasoline-Powered Light-Duty Motor Vehicles, the manufacturer is required to inform the Air Resources Board of any production changes which will affect emissions.

Supplemental information sheets are attached to this order which include tune-up specifications and emission control system data.

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

Executed at Sacramento, California, this 1st day of November, 1972.

JOHN A. MAGA
Executive Officer

AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1973 Model-Year
Light Duty Vehicles

MANUFACTURER: AUDI NSU AUTO UNION AG

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Model	Engine C.I.D.	Carburetor No.of Venturi	Trans-mission	Distributor Make & No.	Type Adv.*	Carburetor Make & No.	Emission Control System			
							Exhaust	NOx	Evap.	Other
Audi 100 Audi 100LS Audi 100GL	114.5	1-2V	M-4	Bosch 0231170010	C-VR	Solex 32/35 TDID	EM		Canister	Air pre-heater TCS
Audi 100 Audi 100LS Audi 100GL	114.5	1-2V	A-3				EM	EGR		Air pre-heater

M - Manual Transmission
A - Automatic Transmission
* C - Centrifugal
V - Vacuum
VR - Vacuum retard

TCS - Transmission controlled spark advance deactivates vacuum retard in 4th gear

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1973 Model-Year
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Vehicle Model	Engine C.I.D.	Carburetor No. of Venturi	Trans-mission	Engine Family	Inertia Weight	Tune-up Specifications		
						Idle RPM	Basic Timing	Idle CO or AFR
Audi 100 Audi 100LS Audi 100GL	114.5	1-2V	A-3 M-4	Audi 100	3000	925 ± 75 in neutral with head-lights on high beam	8° ATDC @ 925 RPM. Vacuum line connected	1.0 ± 0.5%

M - Manual Transmission
A- Automatic Transmission

See other side for additional information.