Book

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-30-2
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 1974 model year light-duty motor vehicles are approved for the engine families described below:

Engine Family: Audi 100
Engine: 114.5 CID
Exhaust Emission Control System: Exhaust Gas Recirculation, Engine Modification, and Air Injection.
Models: Manual Transmission - Engine Code XT

Audi 100, Audi 100 LS, Audi 100 GL.

Automatic Transmission - Engine Code XU

Audi 100, Audi 100 LS, Audi 100 GL.

Engine Family: Audi 80 AIR
Engine: 90 CID
Exhaust Emission Control System: Exhaust Gas Recirculation, Engine Modification, and Air Injection.
Models: Manual Transmission - Engine Code XZ

Audi Fox

Automatic Transmission - Engine Code XY

Audi Fox

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 vehicle for 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	3.2	37	1.7
Audi 80 AIR	2.5	24	1.8

According to the California Assembly-Line Test Procedure for 1974 Model Light-Duty Gasoline Powered Vehicles, these values shall be in effect during the first calendar quarter of model production and not to exceed 30 days thereafter. Not more than one month after the first and each succeeding calendar quarter of production, the exhaust emissions shown on the window decal shall be the average quality audit values for the engine family of the previous calendar quarter of production.

Section B3 of the above procedure requires the manufacturer to submit to the Executive Officer before the start of the model-year, a list of the engine components and contrsl systems affecting emissions to be functionally checked and the procedure 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 bycopy of this order and attachment.

Executed at Sacramento, California, this 27 day of December, 1973.

JOHN A. MAGA
Executive Officer

AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1974 Model-Year
Light Duty Vehicles

MANUFACTURER: AUDI NSU AUTO UNION AG

EXECUTIVE ORDER A-30-2

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 Fox	90	1-2V	M/T	Bosch 0231176047 IFU4	V-C-VR	Solex 056129015G	EM,AI	EGR 056131503	Canister	
			A/T	Bosch 0231176047 IFU4		Solex 056129015L				
Audi 100, Audi 100 LS, Audi 100 GL	114.5	1-2V	M/T	Bosch 0231176032	C-V-VR	Solex 058129015M		EGR P/N 058131503D		Coolant temperature sensor - No vacuum advance at coolant tempera-ture less than 140° F.
			A/T			Solex 0581 29015N		EGR P/N 058131503C		

* C - Centrifugal
V - Vacuum
VR - Vacuum retard

AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1974 Model-Year
Light Duty Vehicles

ANUFACTURER: AUDI NSU AUTO UNION AG

EXECUTIVE ORDER A-30-2

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
di Fox	90	1-2V	M/T & A/T	Audi 80 AIR	2500	925 ±75	3° ATC	1.5 ± 0.5% Air Injection disconnected
di 100, di 100 LS, di 100 GL	114.5	1-2V	M/T	Audi 100	3000	925 ± 75	6° ATC	1.5 ± 0.5% with air injection disconnected
di 100, di 100 LS, di 100 GL			A/T					