

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-30-4R  
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 and Executive Order G-45-3;

IT IS ORDERED AND RESOLVED: That Audi NSU Auto Union AG exhaust emission control systems for 1976 model-year passenger cars are approved for the engine family described below:

- Engine Family: Audi 80C1
- Engine: 97 CID
- Transmission: 4-speed manual and 3-speed automatic
- Exhaust Emission Control Systems: Engine modification, exhaust gas recirculation, fuel injection, oxidation catalyst

Model: Audi (M/T-4 and A/T-3)

- Audi Fox
- Audi Fox Station Wagon

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1976 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>
Audi 80C1	0.3	3.4	1.5

BE IT FURTHER RESOLVED: That, pending further evaluation of the applicant's general standards submission, this approval is limited to the sale of vehicles with build dates no later than December 31, 1975.

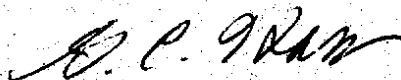
BE IT FURTHER RESOLVED: That this Executive Order is issued subject to the following conditions:

- (1) Audi NSU Auto Union AG will submit a list of all operating conditions which may lead to catalyst overheating, the provisions taken to protect against damage caused thereby and such other vehicle information concerning safety as the Air Resources Board may reasonably request.
- (2) Audi NSU Auto Union AG agrees to provide all purchasers of vehicles built and sold under this Executive Order with any information which is required to be given to purchasers of similar 1976 model-year vehicles manufactured under a subsequent Executive Order.

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 day of October, 1975.



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

AIR RESOURCES BOARD  
SUPPLEMENTARY INFORMATION

1976 MODEL YEAR

Re-Corrected Dec. 6, 1976

PASSENGER CARS

LIGHT-DUTY TRUCKS

MANUFACTURER: AUDI NSU AUTO UNION AG

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Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans. (ratio)	Inertia Weight (hp load +10% for A/C)	Distributor		Fuel System		Emission Control System		Idle RPM	Basic Timing	Idle Mixture		
					Mfr. Part No.	Type	Mfr. Part No.	Type	<input checked="" type="checkbox"/> OC <input type="checkbox"/> TR	Part No. Service*				Part No. Service*	ECR
Audi 80 G1	Audi Fox Sedan; Audi Fox Wagon.	97	M4 (4.11 axle ratio) A3 (3.91 axle ratio)	2,500 8.0 road load hp +10% for A/C	C, V VR	Bosch 0 231 176 057, which is VW 049 905 205A	FI	Mixture control Unit 049 133 353, consisting of Bosch 0 438 120 008 Air Flow Sensor; Bosch 0 438 100 007 Fuel Distribu- tor; Bosch 0 438 140 011 warm-up Regulator; and 0 280 170 402 Starting Valve	EGR EM FI OC	<input checked="" type="checkbox"/> OC <input type="checkbox"/> TR	Degussa OM722/ 14 M or Johnson Matthey EW2 / 3C/4 (neither number on can)	Pierberg PE 20182  I-15,000 miles	925+75 in neu- tral with head- lamps on high beam	3° + 1° ATDC at idle speed with vacuum connected	0.5% maximum at tail- pipe

Abbreviations:

- Centrifugal Advance
- Vacuum Advance
- R - Vacuum Retard
- EI - High Energy Ignition

- Exhaust Emission Control System:
- AI - Air Injection
  - EFI - Electronic Fuel Injection
  - EGR - Exhaust Gas Recirculation
  - EM - Engine Modifications

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

- ESAC - Electronic Spark Advance Control
- PAI - Pulse Air Injection
- \*Service
- I - Inspect, repair/replace as needed
- R - Replace

AIR RESOURCES BOARD  
SUPPLEMENTAL INFORMATION

1976 MODEL YEAR

Corrected May 5, 1976

PASSENGER CARS

LIGHT-DUTY TRUCKS

MANUFACTURER: AUDI NSU AUTO UNION AG

EXECUTIVE ORDER NO. A- 30-4R

PAGE NO. 1 of 1

Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans. Ratio	Inertia Weight Type	Distributor		Fuel System		Emission Control System			Idle RPM	Basic Timing	Idle Mixture
					Mfr. Part No.	Type	Mfr. Part No.	Type	<input checked="" type="checkbox"/> OC	<input type="checkbox"/> TR	Part No. Service*			
Audi 80 C1	Audi Fox Sedan; Audi Fox Wagon.	97	M4 (4.11 axle ratio) A3 (3.91 axle ratio)	C, V VR	Bosch 0 231 176 057, which is VW 049 905 205A	FI	Mixture control Unit 049 133 353, consisting of Bosch 0 438 120 008 Air Flow Sensor;	EGR EM FI OC	Degussa OM722/ 14 M or Johnson Matthey EW2 / 3C/4 (neither number on can)	Pierberg PE 20182	925±75 in neutral with headlamps on high beam	3° + 1° ATDC at idle speed with vacuum connected	0.5% maximum at tail pipe	

Abbreviations:

- AI - Air Injection
- CF - Centrifugal Advance
- CA - Vacuum Advance
- CR - Vacuum Retard
- HE - High Energy Ignition
- EFI - Electronic Fuel Injection
- EGR - Exhaust Gas Recirculation
- EM - Engine Modifications
- EFE - Early Fuel Evaporation
- FI - Fuel Injection
- OC - Oxidation Catalyst
- RC - Reduction Catalyst

Exhaust Emission Control System:

- AI - Air Injection
- EFI - Electronic Fuel Injection
- EGR - Exhaust Gas Recirculation
- EM - Engine Modifications
- EFE - Early Fuel Evaporation
- FI - Fuel Injection
- OC - Oxidation Catalyst
- RC - Reduction Catalyst

ESAC-Electronic Spark Advance Control

- PAI - Pulse Air Injection
- \*Service
- I - Inspect, repair/replace as needed

AIR SOLES BOARD  
SUPPLEMENTAL INFORMATION

1976 MODEL YEAR

PASSENGER CARS  LIGHT-DUTY TRUCKS

Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Inertia Trans. Weight	Distributor Mfr. Part No.	Fuel System		Emission Control System		Idle RPM	Basic Timing	Idle Mixture
					Type	Mfr. Part No.	OC <input checked="" type="checkbox"/> TR <input type="checkbox"/>	Part No. Service*			
Audi 80 C1	Audi Fox sedan, wagon	97	A3 (3.91 axle) M4 (4.11 axle)	0231 176 057	FI	Bosch: Mixture control unit 049 133 353 Air flow sensor 0 438 120 008 Fuel distributor 0 438 100 007	EM FI EGR OC	EW 2/3c/4 OM 722/14 M R, not required	PE 20182 I-15 000	925 ±75 (trans. in neutral, headlamps energized & on high beam)	3 ± 1 ATDC (vacuum connected) CO max. 0.5 % measured at the tailpipe

Abbreviations:

- AI - Air Injection
- EFE - Early Fuel Evaporation
- FI - Fuel Injection
- OC - Oxidation Catalyst
- RC - Reduction Catalyst
- TR - Thermal Reactor
- CAI - Catalyst Air Injection
- ESAC - Electronic Spark Advance Control
- PAI - Pulse Air Injection
- \*Service I - inspect, repair/replace as needed R - Replace