

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-286-8
Relating to Certification of New Motor Vehicles

NEW UNITED MOTORS MANUFACTURING, INC.

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; 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 1990 model-year New United Motors Manufacturing, Inc. emission control systems are certified as described below for gasoline-powered passenger cars:

Engine Family: LNT1.6V5FCD6 Displacement: 1.6 Liters (96.8 inches³)

Equipped with the following exhaust emission control systems:

- Exhaust Gas Recirculation
- Three-Way Catalyst
- On-Board Diagnostics (Exempted)
- Multipoint Electronic Fuel Injection

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The following are the emission standards for this engine family:

<u>Hydrocarbons</u> <u>(Grams per Mile)</u>	<u>Carbon Monoxide</u> <u>(Grams per Mile)</u>	<u>Nitrogen Oxides</u> <u>(Grams per Mile)</u>
0.39	7.0	0.4

The following are the certification emission values for this engine family:

<u>Hydrocarbons</u> <u>(Grams per Mile)</u>	<u>Carbon Monoxide</u> <u>(Grams per Mile)</u>	<u>Nitrogen Oxides</u> <u>(Grams per Mile)</u>
0.15	1.1	0.2

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".

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 Code of Regulations, Section 2290) for the aforementioned model-year.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Emission Control Label Specifications" (Title 13, California Code of Regulations, Section 1965) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the vehicle models listed have been granted an exemption from compliance with the requirements of the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year[s]..." (Title 13, California Code of Regulations, Section 1968) for the aforementioned model year.

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Health and Safety Code Section 43205).

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

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 22nd day of December, 1988.

K. D. Drachand (for KDD)
K. D. Drachand, Chief
Mobile Source Division

1990 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer NUMMI Engine family LNT1.6V5FCD6
 Passenger Cars Light-Duty Trucks Medium-Duty Vehicles Gas Diesel
 Eng. Type 4 cyl. in-line Liter (CID) 1.6 (96.8) Evap.Family EV-E
 Emission Control Sys. (Use SAE Abbrv.) MPI, EGR, O2S, TWC
 Engine :Front Mid. Rear Drive: FWD RWD 4WD-FT 4WD-PT

Engine Code/ (Cert std.)	Veh. Models (If Coded see attachmt.)	Trans. Type: A-Auto M-Man.	Equiv. Test Weight	RLHP or DPA	Ign. System (ECU/PROM) Part No.	EGR System Part No.	Catalyst Part No.
1 thru 4	AE92L-BEMDKA -BEMNKA -BLMDKA -BLMNKA	M5	2,625 2,750 2,875	6.9 7.6	89661-12360	25620-16120	18450-16400 (B05) *1
1R1 thru 4R1					89661-12361 Before F/F 90-NF-1 89661-12362 After F/F 90-NF-1 89661-12363 After F/F 90-NF-2		
1R2 thru 4R2					89661-12510	25620-16121	
5 thru 8	AE92L-BEHDKA -BEHNKA -BLHDKA -BLHNKA	A3	2,625 2,750		89661-12360	25620-16130	
5R1 thru 8R1					89661-12361 Before F/F 90-NF-1 89661-12362 After F/F 90-NF-1 89661-12363 After F/F 90-NF-2		
5R2 thru 8R2					89661-12510	25620-16131	

Comment : Please refer to manufacturer's HP list for correct dyno test HP setting based on model and equipment.

Note *1 : Parenthetical information represents identifying marks found on production parts.

VEHICLE MODELS :

Prizm	
AE92L-BEMDKA	AE92L-BEHDKA
-BEMNKA	-BEHNKA
-BLMDKA	-BLHDKA
-BLMNKA	-BLHNKA