

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-264-2
Relating to Certification of New Motor Vehicles

NORTHEAST OHIO AXLE, 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 1986 model-year Northeast Ohio Axle, Inc. exhaust emission control systems are certified as described below for gasoline-powered light-duty trucks:

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
GNX4.1T5NKA0	249 (4.1)	Air Injection - Pump Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop (Central 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>Equivalent Inertia Weight</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per mile</u>
4000-5999	0.50	9.0	1.0

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

<u>Equivalent Inertia Weight</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
4000-5999	0.13	1.1	0.6

BE IT FURTHER RESOLVED: That the listed models were certified to the optional NOx emission standard thereby making the vehicle manufacturer subject to Section 1960.1.5 of Title 13, California Administrative Code which includes recall liability for emission control components up to 7 years or 75,000 miles if found defective by the Executive Officer.

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 Administrative Code, 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 1981 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 Tune-Up Label Specifications" (Title 13, California Administrative Code, Section 1965) 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 regulations (Title 13, California Administrative Code, Section 2035 et seq.).

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 4th day of September, 1985.


K. D. Drachand, Chief
Mobile Source Division

1986 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Northeast Ohio Axle, Inc Executive Order No. A-264-2 Page 1
 Engine Family GNX4.1T5NKA0 Evaporative Family 6B0-Z
 Engine CID (Liters) 249 (4.1L)

ABBREVIATIONS

Ignition System

- CA-Centrifugal Advance
- EEC-Electronic Engine Control
- EI-Electronic Ignition
- ESAC-Electronic Spark Advance Control
- VA-Vacuum Advance
- VR-Vacuum Retard

Exhaust Emissions Control System

- AIP-Air Injection-Pump
- AIV-Air Injection-Valve
- CL-Closed Loop
- EGR-Exhaust Gas Recirculation
- EM-Engine Modification
- OC-Oxidation Catalyst System
- TR-Thermal Reactor
- TWC-Three Way Catalyst System

Headings

- AIR COND-Air Conditioning
- BB-Basic Body
- BT-Body Type
- DI-Diesel Injection
- DIN-Diesel Injector Nozzles
- DIV-Division
- ECM-Electronic Control Module
- ETW-Equivalent Test Weight
- TLC-Tune-Up Label Code
- TNS-Transmission
- TM-Trim

Fuel System

- CFI, CL, DID, MFI, TBI
- nV-nVenturi Carburetor
- VV-Variable Venturi

Special Features

- CCV-Combustion Chamber Valve
- CFI-Central Fuel Injection
- DID-Diesel Injection-Direct
- DIP-Diesel Injection-Prechamber
- MFI-Mechanical Fuel Injection
- TC-Turbocharged
- TBI-Throttle Body Injection

<u>DIV</u>	<u>BB</u>	<u>TM</u>	<u>BT</u>	<u>MODEL NAME</u>	<u>DIV</u>	<u>BB</u>	<u>TM</u>	<u>BT</u>	<u>MODEL NAME</u>
6	C	Z	90	Northeast Ohio Axle Funeral Coach					

DRIVE AXLE: Front wheel drive only

ISSUED:
0595P

REVISIONS:

1986 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
GASOLINE-FUELED LIGHT DUTY TRUCKS

Manufacturer Northeast Ohio Axle, Inc. Executive Order No. A-264-2 Page 2

Engine Family GNX4.1T5NKA0 Exhaust Emission Control System AIR-EGR-TWC-CL (CFI)

ENG. CID	ENG. CODE	AIR COND	ECH PART NO.	TBI PART NO.	EGR VALVE PART NO.	ETW	DIV	B	T	M	BT	TNS	TLC	REV. NOTES
249	1	Y	16058626	17086030	17084706	4250	6	C	Z	90	A-4	KZD		

Comments: See page one for abbreviations and evaporative emission family identification
Please refer to manufacturer's HP lists for correct dyno test HP settings
based on model, equipment and frontal area.

ISSUED:

REVISIONS:

0595P