State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-133-1 Relating to Certification of New Motor Vehicles

FOUR WHEEL DRIVE ENGINEERING INC.

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Sections 43100, 43102, 43103, and 43835; 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 Four Wheel Drive Engineering Inc. exhaust emission control systems for 1978 model-year light-duty trucks are certified for the vehicles described below:

Engine Family: TL200C

Engine: 119 CID

Transmission: 3-speed Automatic, 4-speed Manual

Exhaust Emission Control Systems: Air Injection, Exhaust Gas

Recirculation, Oxidation Catalyst

Models and Engine Codes as listed in attachment.

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1978 model-year vehicles:

| Engine Family | Hydrocarbons | Carbon Monoxide | Nitrogen Oxides | |
|---------------|----------------|-----------------|-----------------|--|
| | Grams per Mile | Grams per Mile | Grams per Mile | |
| TL200C | 0.4 | 9 | 1.7 | |

BE IT FURTHER RESOLVED: That the above models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (13 California Administrative Code, Section 2290) for the aforementioned model year, or have been granted a temporary exemption from the aforementioned "Specifications" by Executive Order AA-15-1 series.

BE IT FURTHER RESOLVED: That the above models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-powered Motor Vehicles except Motorcycles".

Vehicles certified 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 ______ day of November, 1977.

G. C. Hass, Chief

Vehicle Emissions Control Division

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

| Manuf | acturer <u>Four Wheel Driv</u> | <u>e Engr</u> Executive Order No. <u>A-133-1</u> | Page1 |
|--|---|---|--|
| Engin | e Family <u>TL200C (Nissan)</u> | Engine (CID) 119 | |
| Distr C-Cen V-Vac VR-Vac HEI-H EI-E1c Fuel S EFI, I | VIATIONS ibutor trifugal Advance uum Advance cuum Retard igh Energy Ignition ectronic Ignition System FI enturi Carburetor riable Venturi | Exhaust Emissions Control System AI-Air Injection CAI-Catalyst Air Injection CAB-Chamber Air Bleed DD-Dual Displacement EFI-Electronic Fuel Injection EGR-Exhaust Gas Recirculation EM-Engine Modification EFE-Early Fuel Evaporation ESAC-Electronic Spark Advance Control FI-Fuel Injection | OC-Oxidation Catalyst PAI-Pulse Air Injection RC-Reduction Catalyst TC-Turbo Charged TR-Thermal Reactor TWC-Three Way Catalyst |
| a. | Engine Code | <u>Model</u> | Transmission |
| İ | TL200CM1 | Datsun 620 Pickup | 4M |
| | | | |

3A

Datsun 620 Pickup

TL200CA

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

| افي | ☐ Passen | ger Ca | rs [| X Light-Duty | Trucks 🗆 | Medium Dut | y Vehicles | | |
|---|--|--------|----------------------------|----------------------|----------------------|---------------------|--|--|--|
| Manu | facturer <u>Four W</u> | heel D | rive Eng | ineerin§xecu | tive Order No | • <u>A-133-1</u> | Page 2 | | |
| Engine Family TL200C (Nissan) Engine (CID) 119 Code | | | | | | | | | |
| Emis | sion Control Sy | stem _ | AI. EGR | . OC | + | -10%(A/C) | Yes 🗆 No 🖳 | | |
| | Vehicle Models (If Coded see attachment) | Trans | Inertia Weight Class | Distributor Type | Fuel System Type | EGR System | Tune-Up Specification | | |
| | | | | Mfgr. Part Number | Mfgr. Part Number | Part No. Service | (1) Basic Timing(2) Idle Mixture(3) Idle Speed | | |
| | TL200 CM1 | 4M | 3500 | D4F7-02 | DCH340-95 | AEY75-22 | (1) 12° BTDC @600 RPM | | |
| | | | | | | | (2) 1.0 + 1.0% - 0.7 CO without Air Injection | | |
| | TL200CA | зА | ·· • | D4F6-07 | DCH340-96 | | (3) 600 RPM Manual-Neutral Automatic-Drive | | |
| 1 | | | | | | | | | |
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| | | | | | | | | | |
| Comments: No models have special road load HP settings. See page 1 for abbreviations and model codes. | | | | | | | | | |
| Date | Date of Issue 11-14-77 Revisions: | | | | | | | | |