## FO Book

### State of California AIR RESOURCES BOARD

# EXECUTIVE ORDER A-15-30 Relating to Certification of New Motor Vehicles

#### NISSAN MOTOR COMPANY, LTD.

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 Nissan Motor Company, Ltd. exhaust emission control systems are certified as described below for 1979 model-year gasoline-powered light-duty trucks:

| Engine Family | Displacement<br>Cubic Inches | Exhaust Emission Control Systems (Special Features)              |  |  |
|---------------|------------------------------|--|--|--|
| TL201C        | 119.1                        | Air Injection<br>Exhaust Gas Recirculation<br>Oxidation Catalyst |  |  |

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families as listed on attachments.

The following are the certification emission values to be listed on the window decal required by California Assembly-Line Test Procedures for 1979 model-year vehicles:

| Family Engine | Inertia<br>Weight<br><u>Class</u> | Hydrocarbons<br>Grams per Mile | Carbon Monoxide<br>Grams per Mile | Nitrogen Oxides<br>Grams per Mile |
|---------------|-----------------------------------|--------------------------------|-----------------------------------|-----------------------------------|
| TL201C        | 0-3999                            | 0.32                           | 5.6                               | 1.4                               |

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 except Motorcycles".

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.

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.

G. C. Hass, Chief

Vehicle Emissions Control Division

### 1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

| Manufacturer <u>Nissan Mo</u>  | tor Co. Executive Order No. A-15-30  | Page <u>1</u>  |
|--|--|--|
| Engine Family TL201C   | Engine (CID) 119.1   |  |
| ABBREVIATIONS Ignition System CA-Centrifugal Advance EI-Electronic Ignition ESAC VA-Vacuum Advance VR-Vacuum Retard  Fuel System EFI, MFI nV-nVenturi Carburetor VV-Variable Venturi | Exhaust Emissions Control System AI-Air Injection CCAV-Comb. Chamber Air Valve EFI-Electronic Fuel Injection EGR-Exhaust Gas Recirculation EM-Engine Modification  ESAC-Electronic Spark Advance Control MFI-Mechanical Fuel Injection | OC-Oxidation Catalyst PAI-Pulse Air Injection TC-Turbo Charged TR-Thermal Reactor TWC-Three Way Catalyst |
| Engine Code  | <u>Model</u>   |  |
| TL201CM1<br>ATL201CM1  | Datsun Pickup Datsun Pickup 5-speed Datsun Pickup Long Weelbase Datsun Pickup Long Weelbase 5-speed Datsun Pickup Deluxe Cab Datsun Pickup Deluxe Cab 5-speed  |  |
| TL201CM2<br>ATL201CM2  | Datsun Pickup Cab & Chassis  |  |
| TL201CA<br>ATL201CA  | Datsun Pickup<br>Datsun Pickup Long Wheelbase<br>Datsun Pickup Deluxe Cab  |  |

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| 1979 AI | IR RESOURCES | BOARD | SUPPLEMENTAL | DATA | SHEET |
|---------|--------------|-------|--------------|------|-------|

|                              | Passeng                    | er Cars  | χX       | Light-Duty         | y Trucks [                                     | Medium-Duty | Vehicles  |
|------------------------------|----------------------------|----------|----------|--------------------|--|-------------|---|
|                              | Manufacturer               | Nissan   | Motor Co | ., Ltd.            |  |             | Page 2  |
|                              | Engine Family              |          |          |                    |  |             | Engine<br>Code  |
|                              | Emission Control           | System _ | AI, EG   | GR, OC             | + 7  | 0% (A/C)    | Yes No _X   |
| Eng.<br>Code                 |                            | Trans.   | (Axle    | CA.VA.EI           | Carb. Part                                     |             | Tune-up Specification  (1) Basic Timing (2) Idle Mixture (3) Idle Speed |
| TL201<br>CM1<br>TL201<br>CM1 | Pickup                     | M4<br>M5 | 2750     | Hitachi<br>D4K8-08 | Hitachi<br>DCH340-95C<br># DCH3 <b>40-95</b> D | AEY 75-22   | (1) 12° BTDC @600RPM<br>(2) 1.0 + 1.0 % CO                              |
| TL201<br>CM2<br>ATL20<br>CM2 | Pickup<br>Cab &<br>Chassis | M4       | 3500     | Hitachi<br>D4K8-10 | Hitachi<br>DCH340-65A                          |             | without air<br>injection<br>(3) 600RPM                                  |
| TL2C<br>CA<br>ATL2O<br>CA    | Pickup                     | АЗ       | 2750     | Hitachi<br>D4K8-09 | Hitachi<br>DCH340-96C<br># DCH340-96D          |             | Manual - Neutral<br>Automatic - Drive                                   |
|                              |                            |          |          |                    |  |             |   |

Comments. See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model, equipment and inertia weight class.

Date of Issue - September 18, 1978 # R/C TL201C-1979-3

<sup>\*</sup>Axle ratio is that of medium duty certification vehicle.