

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-121-3
Relating to Certification of New Motor Vehicles

SUNDANCE 4 WHEEL DRIVE SYSTEMS

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102, and 43103 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-3;

IT IS ORDERED AND RESOLVED: That Sundance 4 Wheel Drive Systems exhaust emission control systems for 1977 model-year light-duty trucks are certified for the engine family described below:

Engine Family: Nissan N102
Engine: 119.1 CID
Transmission: 4 and 5 Speed Manual
Exhaust Emission Control Systems: Air Injection, Exhaust Gas
Recirculation, Engine Modification,
Oxidation Catalyst

Model: Sundance 4 Wheel Drive

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1977 model-year 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> |
|----------------------|--|---|---|
| Nissan N102 | 0.6 | 8 | 1.6 |

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 11 day of May, 1977


G. C. Hass, Chief
Vehicle Emissions Control Division

Passenger Cars Light-Duty Trucks

Sundance 4 Wheel
 Manufacturer Drive Systems Executive Order No. A-121-3 Page 1

Engine Family Nissan N102 Engine (CID) 119.1 Engine Code

Emission Control System AI, EGR, EM, OC +10%(A/C) Yes No

| Vehicle Models | Trans | Inertia Weight | Distributor Type C, V EI Mfgr. Part Number | Fuel System Type 1-2V Mfgr. Part Number | EGR System Part No. Service* | Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed |
|---|------------------------|---|---|---|------------------------------------|--|
| HL620TUV HLG620TUV KHL620TUV HL620FTUV HLG620FTUV KHL620FTUV All called Sundance 4 Wheel Drive | M-4 M-5 | 2750 | Hitachi D4F4-04 | Hitachi DCH340- 45C | AEY74-10 No Service | 1) 10° BTDC @ 750 RPM in neutral; vacuum line to distributor connected 2) 2.0 + 1% CO in Neutral; Air Injection dis- connected. 3) 750 RPM in Neutral |
| <u>Vehicle Code</u> | | <u>Vehicle Model</u> | | | | |
| HL620TUV HLG620TUV KHL620TUV | | Datsun Pickup Datsun Pickup Long Wheelbase Datsun Pickup DELUXE CAB | | | | |
| HL620FTUV HLG620FTUV KHL620FTUV | | Datsun Pickup 5-Speed Datsun Pickup Long Wheelbase 5-Speed Datsun Pickup DELUXE CAB 5-Speed | | | | |
| <u>Comments</u> | | | | | | |
| Date of Issue 051077. | | | | | | |

Abbreviations

Distributor
 C-Centrifugal Advance
 V-Vacuum Advance
 VR-Vacuum Retard
 HEI-High Energy Ignition
 EI-Electronic Ignition
Fuel System
 FI-Fuel Injection
 nV-nVenturi Carburetor
 VV-Variabale Venturi

Exhaust Emission Control System
 AI-Air Injection
 CAI-Catalyst Air Injection
 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
 TR-Thermal Reactor
 TWC-Three Way Catalyst
 λ-Air Fuel Ratio Sensor
 *Service
 I-Inspect, repair/replace
 as needed