

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-259-53  
Relating to Certification of New Motor Vehicles

SUZUKI MOTOR CORPORATION

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 Order G-45-9;

IT IS ORDERED AND RESOLVED: That 1996 model-year Suzuki Motor Corporation exhaust emission control systems are certified as described below for light-duty trucks:

Fuel Type: Gasoline

Engine Family: TSK1.81JGHHB Displacement: 1.8 Liters (112 Cubic Inches)

Exhaust Emission Control Systems & Special Features:

- Sequential Multiport Fuel Injection
- Heated Oxygen Sensors (Two)
- Three Way Catalytic Converter
- Exhaust Gas Recirculation

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

The certification exhaust emission standards for this engine family in grams per mile are:

<u>Loaded Vehicle Weight(lbs.)</u>	<u>Miles</u>	<u>Non-Methane Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>	<u>Carbon Monoxide (20°F)</u>
0-3750	50,000	0.25	3.4	0.4	10.0
	100,000	0.31	4.2	0.6	n/a

The certification exhaust emission values for this engine family in grams per mile are:

<u>Loaded Vehicle Weight(lbs.)</u>	<u>Miles</u>	<u>Non-Methane Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>	<u>Carbon Monoxide (20°F)</u>
0-3750	50,000	0.11	1.3	0.2	6.1
	100,000	0.11	1.5	0.2	n/a

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the aforementioned exhaust emission standards based on its submitted plan to comply with the fleet average non-methane organic gas (NMOG) exhaust mass emission requirements as set forth 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 under the submitted NMOG fleet average compliance plan, if the manufacturer incurs a NMOG debit for the aforementioned model year based on the projected NMOG fleet average exceeding the value required by the above-referenced standards and test procedures, all incurred NMOG debits by the manufacturer shall be equalized as required by the standards and test procedures.

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the 50,000-mile evaporative emission standards applicable to 1980 through 1994 model-year vehicles in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles", and the listed vehicle models comply with those standards.

BE IT FURTHER RESOLVED: That, based on the evaporative emission phase-in compliance schedule submitted by the vehicle manufacturer, the listed vehicle models shall not be subject to the running loss and useful life standards set forth in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model 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" for the aforementioned model year (Title 13, California Code of Regulations, Section 2235).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high-altitude requirements and highway emission standards, and with the California Inspection and Maintenance emission standards in place at the time of certification, 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 models also comply with the "Malfunction and Diagnostic System Requirements-1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, Medium-Duty Vehicles and Engines" (Title 13, California Code of Regulations, Section 1968.1) for the aforementioned model year.

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

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 (Title 13, California Code of Regulations, Section 2035 et seq.).

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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 1<sup>st</sup> day of September 1995.

*Raphael Summerfield*  
for R. B. Summerfield  
Assistant Division Chief  
Mobile Source Division

1996 MODEL YEAR AIR RESOURCE BOARD SUPPLEMENTAL DATA SHEET  
PASSENGER CARS, LIGHT DUTY TRUCKS AND MEDIUM DUTY VEHICLES

Manufacturer: **SUZUKI MOTOR CORP** Exh Eng Fam: **TSK1.81JGHHB** EVAP Fam: **TSK1035DYM01**  
 All Engine Codes in Eng Fam: CA  49S  50S \_\_\_\_\_  
 Exh Std: Tier 0 \_\_\_\_\_ Tier 1  TLEV \_\_\_\_\_ LEV \_\_\_\_\_ ULEV \_\_\_\_\_ ZEV \_\_\_\_\_; US EPA \_\_\_\_\_ Tier 1  \_\_\_\_\_  
 EVAP Std: 50K  Useful Life with R/L \_\_\_\_\_ In Use Exh Std: FULL In Use  Alt In Use \_\_\_\_\_  
 Veh Class(es): PC \_\_\_\_\_ LDT1  LDT2 \_\_\_\_\_ MDV1 \_\_\_\_\_ MDV2 \_\_\_\_\_ MDV3 \_\_\_\_\_ MDV4 \_\_\_\_\_ MDV5 \_\_\_\_\_  
 Single Cert Std for Multi-Class Eng Fam: \_\_\_\_\_ (specify: N/A, LDT1, LDT2, MDV1, MDV2, MDV3, MDV4, MDV5)  
 Fuel Type (s): Dedicated \_\_\_\_\_ Flex-Fuel \_\_\_\_\_ Dual-Fuel \_\_\_\_\_ Bi-Fuel \_\_\_\_\_ Gasoline  Diesel \_\_\_\_\_  
 CNG \_\_\_\_\_ LNG \_\_\_\_\_ LPG \_\_\_\_\_ M85 \_\_\_\_\_ Other (specify) \_\_\_\_\_  
 Emiss Test Fuel (s): Indo \_\_\_\_\_ Ph2  CNG \_\_\_\_\_ LPG \_\_\_\_\_ M85 \_\_\_\_\_ Other (specify) \_\_\_\_\_  
 Diesel: 13CCR 2282 \_\_\_\_\_ 40CFR 86.113-90 \_\_\_\_\_ 40CFR 86.113-94 \_\_\_\_\_  
 Service Accum: Std AMA  Mod AMA \_\_\_\_\_ Mfr ADP \_\_\_\_\_ Other (specify) \_\_\_\_\_  
 NMOG Test Procedure: N/A  Std \_\_\_\_\_ Equip \_\_\_\_\_ R/L Test Proc: SHED \_\_\_\_\_ Pt Source \_\_\_\_\_  
 Hybrid: Type A \_\_\_\_\_ B \_\_\_\_\_ C \_\_\_\_\_, APU Cycle (e.g. Otto, Diesel, Turbine) \_\_\_\_\_  
 Engine configuration: L4 (in line) Displacement: 1.8 Liters or 112 cubic inches  
 Valves per Cylinder: 4 Rated HP 120 @ 6,500 RPM  
 Engine: Front  Mid \_\_\_\_\_ Rear \_\_\_\_\_ Drive: FWD \_\_\_\_\_ RWD \_\_\_\_\_ 4WD-FT \_\_\_\_\_ 4WD-PT  \_\_\_\_\_  
 Exhaust ECS (eg., EGR, MFI, TC, CAC): SFI / HO2S<sup>2</sup> / TWC / EGR  
 (per SAE J1930 SEP91)

Engine Code (also list CA/49ST/50ST)	Vehicle Models (re: p.21.00)	Trans type	ETW	DPA or RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalytic Converter Part No.
CTCFM (CA,NY,MA)	Sidekick Sport	M5	3250	13.3	33920-77E4	18111-77E00	14150-60B10
CTCFB (CA,NY,MA)	Sidekick Sport	A4	3250	13.3	33920-77E5		
FTCFM (Federal)	Sidekick Sport	M5	3250	13.3	33920-77E4	18111-77E00	14150-60B10
FTCFB (Federal)	Sidekick Sport	A4	3250	13.3	33920-77E5		

Date Issued: 8MAY,95  
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