State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-259-51
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 passenger cars:

Fuel Type: Gasoline

Engine Family: TSK1.6VHGDEB Displacement: 1.6 Liters (97 Cubic Inches)

Exhaust Emission Control Systems & Special Features:

Multiport Fuel Injection
Heated Oxygen Sensors (Two)
Warm-Up Three Way Catalytic Converter
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 (in-use compliance standards in parentheses) for this engine family in grams per mile are:

Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Carbon Monoxide (20°F)
50,000	0.25 (0.32)	3.4 (5.2)	0.4 (0.4)	10.0 (10.0)
100,000	0.31 (n/a)	4.2 (n/a)	0.6 (n/a)	n/a

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

Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Carbon Monoxide (20°F)
50,000	0.11	0.6	0.1	2.4
100,000	0.12	0.7	0.1	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, based on a separate compliance plan submitted by the vehicle manufacturer, the listed vehicle models are permitted alternative in-use compliance 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 the submitted alternative in-use compliance plan satisfies the requirement that a maximum of 20 percent of the manufacturer's projected sales of 1996 model-year California-certified passenger cars and light-duty trucks will be subject to alternative in-use compliance as stipulated in the above-referenced 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 manufacturer is certifying the listed vehicle models with a partially complying on-board diagnostic system for the aforementioned model year pursuant to Title 13, California Code of Regulations, Section 1968.1(m)(6.1) ("Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines").

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.).

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 1st day of September 1995.

Raphael Susnowitz

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

17.07

E.O.# A-259-51

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

0.600

Manufacturer: **SUZUKI MOTOR CORP** Exh Eng Fam: **TSK1.6VHGDEB** EVAP Fam: **TSK1030BYM01**
All Engine Codes in Eng Fam: CA X 49S X 50S ____
Exh Std: Tier 0 ___ Tier 1 X TLEV ___ LEV ___ ULEV ___ ZEV ___; US EPA ___ Tier 1 X
EVAP Std : 50K X Useful Life with R/L ___ In Use Exh Std: FULL In Use ___ Alt In Use X
Veh Class(es): PC X 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 X Diesel ___
CNG ___ LNG ___ LPG ___ M85 ___ Other (specify) ___
Emiss Test Fuel (s): Indo ___ Ph2 X CNG ___ LPG ___ M85 ___ Other
(specify) ___
Diesel: 13CCR 2282 ___ 40CFR 86.113-90 ___ 40CFR 86.113-94 ___
Service Accum: Std AMA X Mod AMA ___ Mfr ADP ___ Other (specify) ___
NMOG Test Procedure : N/A X Std ___ Equiv ___ 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: 1.6 Liters or 97 cubic inches
Valves per Cylinder: 4 Rated HP 98 @ 6,000 RPM
Engine: Front X Mid ___ Rear ___ Drive: FWD X RWD ___ 4WD-FT ___ 4WD-PT ___
Exhaust ECS (eg., EGR, MFI, TC, CAC): MFI / HO2S (2) / WUTWC+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.
CVCEM (CA,NY,MA)	ESTEEM	M5	2500	7.5	33920-60G6	18111-60G00	14240-60G00 (manifold) 14150-60G10 (under floor)
CVCEB (CA,NY,MA)		A4	2625	7.6			
FVCEM (Federal)		M5	2500	7.5			
FVCEB (Federal)		A4	2625	7.6			

Date Issued: 8MAY,95
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