

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-259-14
Relating to Certification of New Motor Vehicles

SUZUKI MOTOR CO., LTD.

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 Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1989 model-year Suzuki Motor Co., Ltd. exhaust emission control systems are certified as described below for gasoline-powered passenger cars:

<u>Engine Family</u>	<u>Displacement Liters (Cubic Inches)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
KSK1.3V5FFC8	1.3 (79)	Exhaust Gas Recirculation Three-Way Catalyst Oxygen Sensor (Central Fuel Injection) (On-Board Diagnostics)

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

The following are the emission standards for this engine family:

<u>Hydrocarbons (Grams per Mile)</u>	<u>Carbon Monoxide (Grams per Mile)</u>	<u>Nitrogen Oxides (Grams per Mile)</u>
0.41	7.0	0.4

The following are the certification emission values for this engine family:

<u>Hydrocarbons (Grams per Mile)</u>	<u>Carbon Monoxide (Grams per Mile)</u>	<u>Nitrogen Oxides (Grams per Mile)</u>
0.23	1.4	0.2

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".

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.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards 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 vehicle models also comply with the "California Motor Vehicle Tune-Up Label Specifications" (Title 13, California Administrative Code, Section 1965) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the vehicle models listed also comply with the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year[s]..." (Title 13, California Administrative Code, Section 1968) for the aforementioned model year.

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 regulations (Title 13, California Administrative Code, 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 24th day of August, 1988.


K. D. Drachand, Chief
Mobile Source Division

Manufacturer SUZUKI MOTOR CO., LTD Engine Family KSK1.3V5FFC8
Evaporative Family EVV-A Engine Type L4
Liters (CID) 1.3 (79)

ABBREVIATIONS

<u>Ignition System</u>	<u>Exhaust Emissions Control System</u>	<u>Special Features</u>
CA-Centrifugal Advance	AIP-Air Injection-Pump	CFI-Central Fuel Injection or Throttle Body Injection
ECU-Electronic Control Unit	AIV-Air Injection-Valve	EPFI-Electronic Port Fuel Injection
EI-Electronic Ignition	CL-Closed loop	MPFI-Mechanical Port Fuel Injection
ESAC-Electronic Spark Advance Control	EGR-Exhaust Gas Recirculation	SFI-Sequential Fuel Injection
VA-Vacuum Advance	EIC-Electronic Injection Control (Diesel Only)	DID-Diesel Injection-Direct
VR-Vacuum Retard	EM-Engine Modification	DIP-Diesel Injection-Prechamber
	SPL-Smoke Puff Limiter or Throttle Delay	TC-Turbocharger
	TOC-Trap Oxidizer, Continual	SC-Supercharger
	TOP-Trap Oxidizer, Periodical	IC-Intercooler or Aftercooler
	DBC-Dual Bed Catalyst	CCV-Combustion Chamber Valve
	OC-Oxidation Catalyst	OBD-On-Board Diagnostics
	TWC-Three-Way Catalyst	
	WUOC-Warm-Up Oxidation Catalyst	
	WUTWC-Warm-Up Three Way Catalyst	
	OS-Oxygen Sensor	
	HOS-Heated Oxygen Sensor	

Fuel System

CFI, EPFI, MPFI, SFI,
DID, DIP, HOS, OS
nV-nVenturi Carburetor
VV-Variable Venturi Carburetor

VEHICLE MODELS: AA35S(MT/AT)/AB35S(MT/AT) - Swift

Engine: Front X Mid. Rear
Drive : FWD X RWD 4WD Full Time 4WD Part Time

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Passenger Cars xx Light Duty Trucks Medium Duty Trucks Gas X Diesel

Manufacturer: SUZUKI MOTOR CO., LTD. Engine Family: KSK1.3V5FFC8

Liter (CID) 1.3(79) Engine Type L4

Emission Control Sys. (Special Features) CL+TWC+EGR+CFI+OBD

Engine Code	Vehicle models [see attachment] (Dyno HP)	Trans		Ign. Syst part no.	Fuel Syst part no.	EGR valve ID#	Catalyst part #
			ETW				
CBA	SWIFT 1.3 (MT) (7.0)	M5	2000	Distrbtr: 33100-63B1	Thrtle Bdy 13400-63B00	8601	14210- 60B00
	SWIFT GA (7.0)		2125		ECM: 33920-63B10		
CBB	SWIFT 1.3 (A3) (7.0)	A3	2125		Thrtle Bdy 13400-63B10	60B1	
					ECM: 33920-63B20		

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 and equipment.

*Add 10% to dyno test HP for air conditioning usage.

Certification Label p/n : 11955-63B00

Date of issue : 12AUG88

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