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## State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-259-7 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 1988 model-year Suzuki Motor Co., Ltd. exhaust emission control systems are certified as described below for gasoline-powered passenger cars:

Engine Family		isplacement s (Cubic Inches)	Exhaust Emission Control Systems (Special Features)
JSK1.0V2FFCX	1.0	(61)	Three-Way Catalyst Exhaust Gas Recirculation Air Injection - Valve Oxygen Sensor

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

The following are the emission standards for this engine family:

Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
Grams per Mile	<u>Grams per Mile</u>	Grams per mile
0.41	7.0	0.7

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

Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
Grams per Mile	Grams per Mile	Grams per Mile
0.11	1.4	0.2

BE IT FURTHER RESOLVED: That the listed models were certified to the optional NOx emission standard thereby making the vehicle manufacturer subject to Section 1960.1.5 of Title 13, California Administrative Code which includes recall liability for emission control components up to 7 years or 75,000 miles if found defective by the Executive Officer.

SUZUKI MOTOR CO., LTD.

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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 have been granted an exemption from compliance with the requirements of 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.) and with Health and Safety Code Section 43204.

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  $\mathcal{U}^{\mathcal{R}}$  day of Qune, 1987.

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K. D. Drachand, Chief Mobile Source Division

E.O. # A-259-7

1988 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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EL-Electronic IgnitionCL-Closed LoopCFI-CentralESAC-Electronic Spark AdvanceEGR-Exhaust Gas RecirculationInjectControlEM-Engine ModificationDID-DieselVA-Vacuum AdvanceOC-Oxidation Catalyst SystemInjectVR-Vacuum RetardSPL-Smoke Puff Limiter orDIP-DieselThrottle DelayTOC-Trap Oxidizer, ContinualInjectTOP-Trap Oxidizer, PeriodicalPrecharTR-Thermal ReactorFuelFuel SystemIC-Intercoo			_ Engine Family			Manufacturer
Liters (CID)1.0 (61)ABBREVIATIONSIgnition SystemSpecial FeatCA-Centrifugal AdvanceExhaust Emissions Control SystemSpecial FeatCA-Centrifugal AdvanceExhaust Emissions Control SystemSpecial FeatCA-Centrifugal AdvanceExhaust Emissions Control SystemSpecial FeatCA-Centrifugal AdvanceCCV-CombustiCA-Centronic Egnine ControlCCV-CombustiCA-Centronic IgnitionCCV-CombustiCA-Centronic Spark AdvanceCER-Exhaust Gas RecirculationCFI-CentralControlCCV-CombustiCh-Closed LoopCFI-CentralInject:ControlCCV-CombustiCCV-CombustiCCV-CombustiControlCCV-CombustiCCV-CombustiCCV-CombustiCCV-CombustiCCV-CombustiCCV-CombustiCCV-CombustiCCV-CombustiCCV-CombustiCO-Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">CCV-CombustiColspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2"Colspan="2"Colspan="2"Colspan="2"Colspan="2"Colspan="2"Colsp		····	_ Engine TypeL3		porative Family EV3	Evaporative F
Ignition SystemExhaust Emissions Control SystemSpecial FeatCA-Centrifugal Advance EEC-Electronic IgnitionAIP-Air Injection-Pump AIV-Air Injection-ValveCCV-Combusti ChamberESAC-Electronic Spark Advance ControlCL-Closed LoopCFI-Central InjectiVA-Vacuum Advance VR-Vacuum RetardOC-Oxidation Catalyst System TOC-Trap Oxidizer, Continual IOP-Trap Oxidizer, Periodical TR-Thermal Reactor TWC-Three-Way Catalyst SystemDIP-Diesel InjectFuel System CFI, CL, DID, DIP, EFI, MFI NV-nVenturi CarburetorInject Car LineTransmissionVEHICLE MODELS: FAEngine Code Car LineCar Line Car LineTransmissionFAChevrolet Sprint 2-Dr HatchbackM5	<u></u>	)	Liters (CID) <u>1.0 (6</u>		· · ·	
CA-Centrifugal AdvanceAIP-Air Injection-PumpCCV-Combusti ChamberEEC-Electronic IgnitionAIV-Air Injection-ValveCCV-Combusti ChamberEI-Electronic Spark AdvanceCL-Closed LoopCFI-Central Inject: DID-DieselVA-Vacuum AdvanceOC-Oxidation Catalyst SystemInject: DirectVR-Vacuum RetardOC-Oxidation Catalyst SystemInject: DirectVR-Vacuum RetardOC-Oxidation Catalyst SystemDIP-Diesel Inject: DirectFuel SystemTOC-Trap Oxidizer, Continual TR-Thermal ReactorInject: DirectFuel SystemInject: DirectFuelVEHICLE MODELS:Engine Code FACar LineTransmissionFAChevrolet Sprint 2-Dr HatchbackM5					REVIATIONS	ABBREVIATIONS
EC-Electronic Engine Control AIV-Air Injection-Valve Chamber   EEC-Electronic Ignition CL-Closed Loop CFI-Central   ESAC-Electronic Spark Advance EGR-Exhaust Gas Recirculation Inject   Control EM-Engine Modification DID-Diesel   VA-Vacuum Advance OC-Oxidation Catalyst System Inject   VR-Vacuum Retard OC-Oxidation Catalyst System DIP-Diesel   VG-Vacuum Retard DIP-Trap Oxidizer, Continual Inject   TOC-Trap Oxidizer, Periodical Prechas Fuel   Fuel System Inject Inject   CFI, CL, DID, DIP, EFI, MFI WFI-Mechani Fuel   VEHICLE MODELS: Engine Code Car Line Transmission   FA Chevrolet Sprint 2-Dr Hatchback M5	<u>tures</u>	Special Fea	issions Control System	<u>Exhaust E</u>	ition System	Ignition Syst
Engine CodeCar LineTransmissionFAChevrolet Sprint 2-Dr HatchbackM5	r Valve Fuel ion ion- ion- ion- ionic ion ical tion	Chambe CFI-Central Inject DID-Diesel Inject DIP-Diesel Inject EFI-Electro Fuel Inject IC-Interco or af MFI-Mechan Fuel Injec	jection-Valve Loop t Gas Recirculation Modification on Catalyst System Puff Limiter or Delay Exidizer, Continual Exidizer, Periodical Reactor	ol AIV-Air I CL-Closed EGR-Exhau EM-Engine OC-Oxidat SPL-Smoke Throttl TOC-Trap TOP-Trap TR-Therma TWC-Three	-Electronic Engine Control Electronic Ignition C-Electronic Spark Advance Control Vacuum Advance Vacuum Retard	EEC-Electronic EI-Electronic ESAC-Electror Control VA-Vacuum Adv VR-Vacuum Ref
FA Chevrolet Sprint 2-Dr Hatchback M5		<b>~</b>				
		<u>Iransmission</u>				
		M5			FA	FA
FB Chevrolet Sprint 2-Dr Hatchback A3 Chevrolet Sprint 4-Dr Hatchback		A3	t 2-Dr Hatchback	Chevrolet Spri	FB	FB
FC Chevrolet Sprint Metro 2-Dr Hatchback M5		M5			FC	FC

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

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i.		5 BOARD SUPPLEMENTAL DATA		2 Page
Passenger Cars	Light-Duty Trucks	Medium-Duty Vehicles	Gas X	Diesel
Manufacturer	Suzuki Motor Co., Ltd.	Engine Family	JSK1.0V2FFCX	
_iter (CID)	1.0 (61)	Eng. Type	L3	
Emission Contro	) Sys. (Special Features)	AIV/EGR/TWC/OxS		

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Engine Cod <b>e</b>	Vehicle Models (If Coded see attachment) (Dyno Hp)	Trans. Type	Equiv. Test Weight	Ign. System (ECU) Part No.	Fuel System 1-2V Part No.	EGR Valve Part No.	Catalys Part No.
FA ·	Sprint 2-Dr Hatchback (7.0)	м5	1,875	ECM:	Fuel Pump: 15100-82310 Carburetor: 13200-86000	18111-86010	
<b>~</b>	Sprint 4-Dr Hatchback (7.0)		2,000	33920-86120	(without A/C) 13201-86000 (with A/C)		
	Sprint 2-Dr Hatchback (7.0)	•		· · · · · · · · · · · · · · · · · · ·	Fuel Pump: 15100-82310 Carburetor:		
FB	Sprint 4-Dr Hatchback (7.0)	A3	2,000	ECM: 33920-86140	13200-86301* (without A/C) 13201-86301* (with A/C)	18111-82310	14150- 8203(
FC	Sprint Metro 2-Dr Hatchback (6.2)	M5	1,875	ECM: 33920-82050	Fuel Pump: 15100-82310 Carburetor: 13200-86070 (without A/C) 13201-86070	18111-86010	

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Revisions: \*88LDV-RC2 19JAN88