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State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-314-2
Relating to Certification of New Motor Vehicles

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

IT IS ORDERED AND RESOLVED: That 1994 model-year Kia Motors Corporation exhaust emission control systems are certified as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: RKM1.6VJGFEA Displacement: 1.6 Liters (98 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Sequential Multiport Fuel Injection
Oxygen Sensor
Three Way Catalytic Converter

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:

Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
50,000	0.25	3.4	0.4
100,000	0.31	4.2	n/a

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

Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
50,000	0.19	2.4	0.2
100,000	0.22	2.8	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 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 listed vehicle models also comply with "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 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 the listed vehicle models also comply with the "Malfunction and Diagnostic System for 1988 and Subsequent Model-Year Passenger Cars, Light-duty Trucks, and Medium-Duty Vehicles with Three-Way Catalyst Systems and Feedback Control" (Title 13, California Code of Regulations, Section 1968) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the listed vehicle models have been exempted from compliance with the "Malfunction and Diagnostic System Requirements-1994 and Subsequent Model-Year Passenger Cars, Light-duty Trucks, and Medium-Duty Vehicles and Engines" pursuant to Title 13, California Code of Regulations, Section 1968.1(m)(2.0) 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 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 9th day of March, 1994.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O.# A-314-2

1994 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer	Kia Motors Corporation	Engine Family	RKM1.6VJGFEA
Evaporative Family	RKM1065BYM01	Engine Type	Otto Spark
		Liters (CID)	1.6 (97.5 CID)

ABBREVIATION

Ignition System
CA-Centrifugal Advance
ECU-Electronic Control System
EI-Electronic Ignition
ESAC-Electronic Spark Advance Control
VA-Vacuum Advance
VR-Vacuum Retard

Fuel System
TBI, MPI, SMPI
DID, IDI, HO2S,O2S
CARB-Carburetor

Exhaust Emission Control System
AIR-Air Injection - Pump
PAIR-Air Injection - Valve
EGR-Exhaust Gas Recirculation
EM-Engine Modification
SPL-Smoke Puff Limiter or Throttle Delay
TOC-Trap Oxidizer, Continual
TOP-Trap Oxidizer, Periodical
OC-Oxidation Catalyst only
TWC-Three Way Catalyst
WUOC-Warm Up Oxidation Catalyst
WUTWC-Warm Up Three Way Catalyst
O2S-Oxygen Sensor
HO2S-Heated Oxygen Sensor
TWC+OC-Three Way Catalyst with Oxidation Catalyst
TR-Thermal Reactor
EHOC-Electrically Heated Oxidation Catalyst
EHTWC-Electrically Heated Three Way Catalyst

Special Features
TBI-Throttle Body Injection
MPI-Multi Point Electronic Fuel Injection
SMPI-Sequential Fuel Injection
DI-Diesel Injection-Direct
IDI-Diesel Injection-Prechamber
TC-Turbocharger
SC-Supercharger
CAC-Cahnger Air Cooler
CIS-Continuous Fuel Injection

VEHICLE MODEL : Kia Sephia

Engine : Front X Mid. ___ Rear ___

Drive : FWD X RWD ___ 4WD Full Time ___ 4WD Part Time ___

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