State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-29-13
Relating to Certification of New Motor Vehicles

CHECKER 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 1981 model-year Checker Motors Corporation exhaust emission control systems are certified as described below for 1981 diesel-powered passenger cars.

Engine Family	Displacement Cubic Inches (Liters)		Exhaust Emission Control Systems (Special Features)
GM 13J9ZZS	350	(5.7)	Exhaust Gas Recirculation (Diesel Injection)

Vehicle Models, Transmissions, and Engine Codes as listed on attachments.

The following are the certification emission values to be listed on the window decal required by California Assembly-Line Test Procedures for 1981 model-year vehicles:

Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0.23	2.2	0.7

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

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 17th day of February, 1981.

K. D. Drachand, Chief
Mobile Source Control Division

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Engine Family GM 13J9ZZS Evaporative Family NA

ABBREVIATIONS Engine CID (Liters) 350 (5.7)

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

Exhaust Emissions Control System
AIP-Air Injection-Pump
AIV-Air Injection-Valve
CL-Closed Loop
EGR-Exhaust Gas Recirculation
EM-Engine Modification
OC-Oxidation Catalyst System
TR-Thermal Reactor
TWC-Three Way Catalyst System

Special Features
CCV-Combustion Chamber Valve
CFI-Central Fuel Injection
DI-Diesel Injection
EFI-Electronic Fuel Injection
MFI-Mechanical Fuel Injection
TC-Turbocharged

Fuel System
CFI, DI, EFI, MFI
nV-nVenturi Carburetor
VV-Variable Venturi

Model Code	Model
A-11	120" WB Taxicab
A-11E	129" WB Taxicab
A-12	120" WB Marathon
A-12	129" WB Marathon

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1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

X Passenger Cars __ Light-Duty Trucks __ Medium-Duty Vehicles __ Gas X Diesel

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Engine Family GM 13J9ZZS Engine Code

ECS (Special Features) EGR (DI) CID (Liter)-Type 350 (5.7) V8

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Injection Pump Mfgr. Part No.	Injection Nozzles Mfgr. Part No.	EGR Valve Mfgr. Part No.	Label Ident. Part No.
1	A-11 A-12	A-3	4250	Stanadyne Hartford GM 22510360	GM D.E.D. 5233720 C.A.V. 22505294	GM 17070430	CMC 708680
	A-11E A-12E		4500				

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. If two test weights are listed, the lower weight will be used for testing.

dyno test HP 16.0

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