State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-29-9
Relating to Certification of New Motor Vehicles

CHECKER MOTORS CORPORATION

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Sections 43100, 43102, 43103, and 43835; 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 Checker Motors Corporation exhaust emission control systems are certified as described below for 1979 model-year gasoline-powered passenger cars:

Engine Family	Displacement Cubic Inches	Exhaust Emission Control Systems (Special Features)
GM 910L4RU	350	Air Injection Exhaust Gas Recirculation Oxidation Catalyst

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families 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 1979 model-year vehicles:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
GM 910L4RU	0.21	3.8	0.8

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 except Motorcycles".

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.

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Department of Motor Vehicles and the Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 8 day of January, 1979.

G. C. Hass

G. C. Hass, Chief
Vehicle Emissions Control Division

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Engine Family GM 910L4RU Engine (CID) 350

ABBREVIATIONS

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

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

Exhaust Emissions Control System
AI-Air Injection
CCAV-Comb. Chamber Air Valve
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification

ESAC-Electronic Spark Advance Control
MFI-Mechanical Fuel Injection

OC-Oxidation Catalyst
PAI-Pulse Air Injection
TC-Turbo Charged
TR-Thermal Reactor
TWC-Three Way Catalyst (Feedback Control)
WOC-Warm-up Oxidation Catalyst

Evaporative Emissions Control Family GM 9B4-1

Models:

A-11, A-11E Taxicab
A-12, A-12E Marathon

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[X] Passenger Cars [ ] Light-Duty Trucks [ ] Medium-Duty Vehicles

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Engine Family GM 910L4RU Engine (CID) 350 Engine Code

Emission Control System AI, EGR, OC + 10% (A/C) Yes X No

Eng. Code	Vehicle Models (If Coded see attachment)	Trans.	Inertia Weight Class (Axle Ratio)*	Ign. Sys. EI,CA,VA Dist. Part No.	Fuel System 4V Carb. Part No.	EGR Valve Part No.	Tune-up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
15	A-11, A-11E, A-12, A-12E	A-3	4500	Delco Remy 1103285	Rochester 17059504	17057423	See label below
16					17059502		Vacuum hose routing diagram is same as GM E.F. 910L4RU

5.7 LITRE (350 CU. IN.) 910L4RU 984-1

VEHICLE EMISSION CONTROL INFORMATION

CHECKER MOTORS CORPORATION

CATALYST AIR-EGR-EFE LOW ALTITUDE CERTIFICATION

AUTOMATIC TRANS.

TIMING (°BTC @ RPM)	8° @ 500
SPARK PLUG GAP (IN.)	0.045
CURB IDLE SPEED (RPM)	500 (DR.)
FAST IDLE SPEED (RPM)	1600 (P) OR (N)
SOLENOID ASM ADJUSTMENT WITH AIR COND (RPM)	600 (DR.)

SET PARKING BRAKE AND BLOCK DRIVE WHEELS

MAKE ALL ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMP., CHOKE FULL OPEN, AIR CLEANER INSTALLED & AIR COND OFF EXCEPT WHERE NOTED.

1. DISCONN & PLUG VAC HOSE AT DISTRIBUTOR. SET IGNITION TIMING AT SPECIFIED ENGINE SPEED. UNPLUG & RECONN VAC HOSE TO DISTRIBUTOR.
2. DISCONN & PLUG VAC HOSE AT EGR VALVE & CANISTER PURGE HOSE AT CANISTER. ADJUST CARB SPEED SCREW TO OBTAIN SPEC CURB IDLE SPEED.
3. WITH AIR COND.: DISCONN ELECTRICAL LEAD FROM AIR COND COMPRESSOR. WITH AIR COND SWITCH ON & SOLENOID FULLY EXTENDED, ADJ SOLENOID SCREW TO SPEC RPM, RECONN COMPRESSOR LEAD. TURN AIR COND SWITCH OFF.
4. WITH TRANS IN PARK OR NEUTRAL, ADJ FAST IDLE SCREW TO SPECIFIED SPEED ON HIGH STEP OF CAM. UNPLUG & RECONN VAC HOSE TO EGR VALVE AND CANISTER PURGE HOSE TO CANISTER.

NOTE: IDLE MIXTURE SCREWS ARE PRESET AND CAPPED AT FACTORY-DO NOT BREAK CAPS-ADJUST. DURING TUNE UP IS NOT RECOMMENDED. FOR MAJOR REPAIR, ADJUST MIXTURE SETTING BY OTHER THAN APPROVED SERVICE MANUAL PROCEDURE MAY VIOLATE FEDERAL AND/OR CALIFORNIA OR OTHER STATE LAWS.

THIS VEHICLE CONFORMS TO U.S. E.P.A. AND WHERE APPLICABLE CALIFORNIA REGULATIONS APPLICABLE TO 1979 MODEL YEAR NEW PASSENGER CARS.

SEE SERVICE MANUAL & MAINTENANCE SCHEDULE I FOR ADDITIONAL INFORMATION

PT. NO. 708319

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, equipment and inertia weight class.

*Axle ratio is that of medium duty certification vehicle.

Date of Issue - 010579.