E.O.

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-29-6
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 for 1978 model-year passenger cars are certified for the vehicles described below:

Engine Family: GM 810F1SMU
Displacement: 250 CID
Exhaust Emission Control Systems: Air Injection, Early Fuel Evaporation, Exhaust Gas Recirculation, Oxidation Catalyst

Models, Transmissions and Engine Codes as listed in attachment.

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1978 model-year vehicles:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
GM 810F1SMU	0.24	2.4	1.4

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" (13 California Administrative Code, Section 2290) for the aforementioned model year, or have been granted a temporary exemption from the aforementioned "Specifications" by Executive Order AA-series.

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".

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

The Department of Motor Vehicles, the California Highway Patrol, 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 March, 1978.

G. C. Hass

G. C. Hass, Chief
Vehicle Emissions Control Division

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

☒ Passenger Cars ☐ Light-Duty Trucks ☐ Medium Duty Vehicles

Manufacturer CHECKER MOTORS CORPORATION Executive Order No. A-29-6 Page 1

Engine Family GM 810F1SMU Engine (CID) 250 Engine Code

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

Eng. Code	Vehicle Models (If Coded see attachment)	Trans	Inertia Weight Class	Distributor Type HEI C,V Mfgr. Part Number	Fuel System Type TV Mfgr. Part Number	EGR System Part No. Service	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
1	A-11 Taxicab A-12 Marathon	A-3	4000	Delco Remy 1110716	Rochester 17058314	17056075 (No Service)	See Label below.

250 CU. IN. 810F1SMU BBBV

VEHICLE EMISSION CONTROL INFORMATION
CHECKER MOTORS CORPORATION

SET PARKING BRAKE AND BLOCK DRIVE WHEELS.

MAKE ALL ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMP., CHOKE FULL OPEN, AIR CLEANER INSTALLED, AND AIR CONDITIONING OFF.

1. DISCONN. & PLUG VAC. HOSE AT DISTRIBUTOR. SET IGNITION TIMING AT SPEC. ENGINE SPEED. UNPLUG & RECONN. VAC. HOSE TO DISTRIBUTOR.
2. DISCONN. & PLUG VAC. HOSE AT EGR VALVE & CANISTER PURGE HOSE AT CANISTER. TURN CARB. SOLENOID TO OBTAIN SPEC. CURB IDLE SPEED.
3. DISCONN. ELECTRICAL LEAD AT SOL. ADJUST BASE IDLE SPEED TO SPEC. BY TURN. ⅛ HEX. SCREW LOCATED IN END OF SOL. BODY. RECONN. ELEC. LEAD.
4. WITH TRANSMISSION IN PARK OR NEUTRAL, BEND FAST IDLE CAM FOLLOWER TO OBTAIN SPEC. FAST IDLE SPEED ON HIGH STEP OF CAM. UNPLUG AND RECONN. VAC. HOSE TO EGR VALVE AND CANISTER PURGE HOSE TO CANISTER.

SEE SERVICE MANUAL AND MAINTENANCE SCHEDULE 11 FOR ADDITIONAL INFORMATION.

CATALYST AIR-EGR-EFE LOW ALT. CERT.	AUTO. W/O A/C	AUTO. W A/C
TIMING (° BTC @ RPM)	6° @ 600	6° @ 600
SPK PLG GAP (IN.)	0.035	0.035
CURB IDLE SPEED (RPM)	600 (DR)	600 (DR)
BASE IDLE SPEED (RPM)	400 (DR)	400 (DR)
FAST IDLE SPEED (RPM)	2000 (P) OR (N)	2000 (P) OR (N)

NOTE: IDLE MIXTURE SCREW IS PRESET AND CAPPED AT FACTORY—DO NOT BREAK CAP—ADJUSTMENT DURING TUNE UP IS NOT RECOMMENDED.

FOR MAJOR REPAIR, ADJUSTING MIXTURE SETTING BY OTHER THAN APPROVED SERVICE MANUAL PROCEDURE MAY VIOLATE FEDERAL AND/OR CALIF. OR OTHER STATE LAWS.

THIS VEHICLE CONFORMS TO U.S. E.P.A. AND CALIFORNIA REGULATIONS APPLICABLE TO 1978 MODEL YEAR NEW MOTOR VEHICLES.

PT. NO. 798163

ABBREVIATIONS

Distributor
C-Centrifugal Advance
V-Vacuum Advance
VR-Vacuum Retard
HEI-High Energy Ignition

Fuel System
EFI
nV-nVenturi Carburetor

Exhaust Emission Control
AI-Air Injection
CAI-Catalyst Air Injection
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification
EFE-Early Fuel Evaporation

ESAC-Electronic Spark Advance Control
OC-Oxidation Catalyst

PAI-Pulse Air Injection
TC-Turbo Charged
TWC-Three Way Catalyst (Feedback Control)

Comments: No models have special road load HP settings.

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