

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:

<u>Engine Family</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
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".

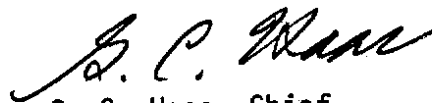
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Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

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, 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 Mfr. Part Number	Fuel System Type TV Mfr. 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 BBV	<b>VEHICLE EMISSION CONTROL INFORMATION</b> CHECKER MOTORS CORPORATION	<b>CATALYST</b> AIR-EGR-EFE LOW ALT. CERT.	<b>AUTO.</b> W/O A/C	<b>AUTO.</b> W A/C
<b>SET PARKING BRAKE AND BLOCK DRIVE WHEELS.</b> MAKE ALL ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMP., CHOKER FULL OPEN, AIR CLEANER INSTALLED, AND AIR CONDITIONING OFF. 1. DISCONN. & PLUG VAC. NOSE AT DISTRIBUTOR. SET IGNITION TIMING AT SPEC. ENGINE SPEED. UNPLUG & RECONN. VAC. NOSE TO DISTRIBUTOR. 2. DISCONN. & PLUG VAC. NOSE AT EGR VALVE & CANISTER PURGE NOSE 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. 1/4 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. NOSE TO EGR VALVE AND CANISTER PURGE NOSE TO CANISTER. SEE SERVICE MANUAL AND MAINTENANCE SCHEDULE 11 FOR ADDITIONAL INFORMATION. THIS VEHICLE CONFORMS TO U.S. E.P.A. AND CALIFORNIA REGULATIONS APPLICABLE TO 1978 MODEL YEAR NEW MOTOR VEHICLES.		TIMING (° BTC @ RPM)    6° @ 600 SPK PLG GAP (IN.)        0.035 CURB IDLE SPEED (RPM)    600 (DR) BASE IDLE SPEED (RPM)    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 SETTINGS BY OTHER THAN APPROVED SERVICE MANUAL PROCEDURE MAY VIOLATE FEDERAL AND/OR CALIF. OR OTHER STATE LAWS.		

PT. NO. 708163

**ABBREVIATIONS**

- |                          |                                 |   |
|--------------------------|---------------------------------|---|
| <u>Distributor</u>       | <u>Exhaust Emission Control</u> | ESAC-Electronic Spark Advance Control     |
| C-Centrifugal Advance    | AI-Air Injection                | OC-Oxidation Catalyst                     |
| V-Vacuum Advance         | CAI-Catalyst Air Injection      |   |
| VR-Vacuum Retard         | EFI-Electronic Fuel Injection   | PAI-Pulse Air Injection                   |
| HEI-High Energy Ignition | EGR-Exhaust Gas Recirculation   | TC-Turbo Charged                          |
| <u>Fuel System</u>       | EM-Engine Modification          | TWC-Three Way Catalyst (Feedback Control) |
| EFI                      | EFE-Early Fuel Evaporation      |   |
| nV-nVenturi Carburetor   |                                 |   |

Comments: No models have special road load HP settings.

Date of Issue: 022478 Revisions: