

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-29-5  
Relating to Certification of New Motor Vehicles

CHECKER MOTORS CORPORATION

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102, and 43103 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-3;

IT IS ORDERED AND RESOLVED: That Checker Motors Corporation exhaust emission control systems for 1977 model-year passenger cars are certified for the engine family described below:

Engine Family: GM 710J4S  
Engine: 350 CID  
Transmission: 3-Speed Automatic  
Exhaust Emission Control Systems: Air Injection, Early Fuel Evaporation, Exhaust Gas Recirculation, Oxidation Catalyst

Models: Checker

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

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1977 model-year vehicles:

| <u>Engine Family</u> | <u>Hydrocarbons<br/>Grams per Mile</u> | <u>Carbon Monoxide<br/>Grams per Mile</u> | <u>Nitrogen Oxides<br/>Grams per Mile</u> |
|----------------------|--|---|---|
| GM 710J4S            | 0.20                                   | 1.0                                       | 1.3                                       |

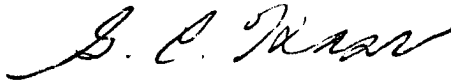
BE IT FURTHER RESOLVED: That this certification is contingent upon Checker Motors Corporation affixing a permanent catalyst overheat warning label on the driver's sun-visor of all catalyst-equipped vehicles. This label must be approved by the Executive Officer.

BE IT FURTHER RESOLVED: That this certification is also contingent upon Checker Motors Corporation listing in the owner's manual the operating cautions associated with a catalyst-equipped vehicle. This listing must be approved by the Executive Officer.

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 26 day of November, 1976.



G. C. Hass, Chief  
Vehicle Emissions Control Division

Manufacturer CHECKER MOTORS CORPORATION Executive Order No. A-29-4 Page 1

Engine Family GM 710J4S Engine (CID) 350 Trans. A-3

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

| Vehicle Models              | Transmission Type | Inertia Weight | Distributor Type HEI C,V Mfr. Part Number | Fuel System Type 1-4V Mfr. Part Number | EGR System Part No. Service* | Engine Code | Tune-Up Label Ident. & Page No. |
|-----------------------------|-------------------|----------------|---|--|------------------------------|-------------|---------------------------------|
| A-11<br>A-11E<br>(Taxicab)  | A-3               | 4500           | Delco Remy<br>1103248                     | Rochester<br>17057504                  | 7044305<br>No Service        | 1           | 708048<br>1                     |
| A-12<br>A-12E<br>(Marathon) |                   |                |   | 17057502                               |                              |             |                                 |

Tune-up Label:

|  |   |  |  |
|--|---|--|--|
| 350 CU. IN.<br>4 BBL CARB<br>710J4S  | <b>VEHICLE EMISSION CONTROL INFORMATION</b><br>CHECKER MOTORS CORPORATION | <b>CATALYST</b><br>AIR-EGR-EFE<br>LOW ALTITUDE CERTIFICATION   | <b>AUTOMATIC TRANS.</b>                                      |
| MAKE ALL ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE, CHOKE FULL OPEN, AIR CLEANER INSTALLED, AND AIR CONDITIONING OFF, EXCEPT WHERE NOTED.<br>SET PARKING BRAKE AND BLOCK DRIVE WHEELS.<br>1. DISCONNECT AND PLUG VACUUM HOSE AT DISTRIBUTOR. SET IGNITION TIMING AT SPECIFIED RPM. UNPLUG AND RECONNECT VACUUM HOSE AT DISTRIBUTOR.<br>2. ADJUST CARBURETOR SPEED SCREW TO OBTAIN SPECIFIED CURB IDLE SPEED.<br>3. WITH AIR COND. DISCONNECT ELECTRICAL LEAD FROM AIR COND. COMPRESSOR WITH A/C SWITCH ON & SOLENOID FULLY EXTENDED, ADJ. SOLENOID SCREW TO SPECIFIED RPM. RECONN. COMPR. LEAD. TURN AIR COND. SWITCH OFF.<br>4. DISCONN. & PLUG VACUUM HOSE AT EGR VALVE. WITH TRANS. IN PARK OR NEUTRAL, ADJ. FAST IDLE SCREW TO SPECIFIED SPEED ON HIGH STEP OF CAM. UNPLUG & RECONN. VACUUM HOSE TO EGR VALVE.<br>THIS VEHICLE CONFORMS TO U.S. E.P.A. AND WHERE APPLICABLE CALIFORNIA REGULATIONS APPLICABLE TO 1977 MODEL YEAR NEW MOTOR VEHICLES. |   | TIMING (° BTC @ RPM)<br>SPARK PLUG GAP (IN.)<br>CURB IDLE SPEED (RPM)<br>FAST IDLE SPEED (RPM)<br>SOLENOID AMS. ADJUSTMENT WITH AIR COND. (RPM)  | B° @ 500<br>0.045<br>500 (DR)<br>1600 (P) OR (N)<br>650 (DR) |
|  |   | NOTE: IDLE MIXTURE SCREWS ARE PRESET AND CAPPED AT FACTORY-DO NOT BREAK CAPS-ADJUST. DURING TUNE UP IS NOT RECOMMENDED.<br><br>FOR MAJOR REPAIR, ADJUST MIXTURE SETTING BY OTHER THAN APPROVED SERVICE MANUAL PROCEDURE MAY VIOLATE FEDERAL AND/OR CALIFORNIA OR OTHER STATE LAWS. |  |
|  |   | SEE SERVICE MANUAL & MAINT. FOR ADDITIONAL INFORMATION.  | PT. # 708048   |

Comments

Date of Issue: 111976.

Abbreviations  
 Distributor

Centrifugal Advance  
 Vacuum Advance

High  
 Electronic Ignition  
 System

Exhaust Emission Control System

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

FI-Fuel Injection

OC-Oxidation Catalyst

\*Service

I-Inspect, repair/replace as needed

R-Replace