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:

| Engine Family | Hydrocarbons Grams per Mile | Carbon Monoxide Grams per Mile | Nitrogen Oxides Grams per Mile |
|---|---|---|---|
| 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

G. C. Hass, Chief
Vehicle Emissions Control Division

1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET-GM FORMAT

(X) Passenger Cars ( ) Light-Duty Trucks

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 (X) No ( )

| Vehicle Models | Transmission Type | Inertia Weight | Distributor Type HEI C,V Mfgr. Part Number | Fuel System Type 1-4V Mfgr. Part Number | EGR System Part No. Service* | Engine Code | Tune-Up Label Ident. & Page No. |
|---|---|---|---|---|---|---|---|
| A-11<br>A-11E<br>(Taxicab)<br>A-12<br>A-12E<br>(Marathon) | A-3 | 4500 | Delco Remy 1103248 | Rochester 17057504 | 7044305 No Service | 1 | 708048 1 |
| | | | | 17057502 | | 2 | |

Tune-up Label:

350 CU. IN.
4 BBL CARB
710J4S

VEHICLE EMISSION CONTROL INFORMATION

CHECKER MOTORS CORPORATION

MAKE ALL ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE, CHOKE FULL OPEN, AIR CLEANER INSTALLED, AND AIR CONDITIONING OFF, EXCEPT WHERE NOTED.

SET PARKING BRAKE AND BLOCK DRIVE WHEELS.

1. DISCONNECT AND PLUG VACUUM HOSE AT DISTRIBUTOR. SET IGNITION TIMING AT SPECIFIED RPM. UNPLUG AND RECONNECT VACUUM HOSE AT DISTRIBUTOR.
2. ADJUST CARBURETOR SPEED SCREW TO OBTAIN SPECIFIED CURB IDLE SPEED.
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.
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.

THIS VEHICLE CONFORMS TO U.S. E.P.A., AND WHERE APPLICABLE CALIFORNIA REGULATIONS APPLICABLE TO 1977 MODEL YEAR NEW MOTOR VEHICLES.

| 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 ANS. ADJUSTMENT WITH AIR COND. (RPM) | 650 (DR) |

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.

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