State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-29-7
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 810J4S
Displacement: 350 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 810J4S	.37	2.9	1.1

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-29-7 Page 1

Engine Family GM 810J4S Engine (CID) 350 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 4V Mfgr. Part Number	EGR System Part No. Service	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
1	A-11,A-11E Taxicab. A-12,A-12E Marathon	A-3	4500	Delco Remy 1103285	Rochester/ Carter 17058504	17056494 (No Service)	See Label below
2					17058502		

350 CU. IN.
810J4S
8BFV

VEHICLE EMISSION CONTROL INFORMATION
CHECKER MOTORS CORPORATION

SET PARKING BRAKE AND BLOCK DRIVE WHEELS.
MAKE ALL ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE, CHOKE FULL OPEN, AIR CLEANER INSTALLED, AND AIR CONDITIONING OFF, EXCEPT WHERE NOTED.

1. DISCONNECT & PLUG VACUUM HOSE AT DISTRIBUTOR. SET IGNITION TIMING AT SPEC. ENGINE SPEED. UNPLUG & RECONN. VACUUM HOSE TO DISTRIBUTOR
2. DISCONN. & PLUG VACUUM 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. SOL. SCREW TO SPEC. RPM. RECONN. COMPRESSOR LEAD. TURN AIR COND. SWITCH OFF.
4. WITH TRANS. IN PARK OR NEUTRAL, ADJUST FAST IDLE SCREW TO SPECIFIED SPEED ON HIGH STEP OF CAM. UNPLUG & RECONN. VACUUM HOSE TO EGR VALVE AND CANISTER PURGE HOSE TO CANISTER.

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. ADJ. WITH AIR COND. (RPM)	600 (DR)

NOTE: IDLE MIXTURE SCREWS ARE PRESET AND CAPPED AT FACTORY — DO NOT BREAK CAPS — 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 CALIFORNIA OR OTHER STATE LAWS.

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

SEE SERVICE MANUAL & MAINT. SCHEDULE 1 FOR ADDITIONAL INFORMATION.

PT. NO. 708185

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.

Date of Issue 022478 Revisions: