E. O. Book



State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-29-10
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 Coporation exhaust emission control systems are certified as described below for 1980 model-year gasoline-powered passenger cars.

| Engine Family | Displacement Cubic Inches | Exhaust Emission Control Systems (Special Features) |
|---|---|---|
| GM 01Y4MCRZ | 305 | Air Injection<br>Exhaust Gas Recirculation<br>Three Way Catalyst with Closed Loop |

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families as listed on attachments.

The following are the certification emission values to be listed on the window decal required by California Assembly-Line Test Procedures for 1980 model-year vehicles:

| Engine Family | Hydrocarbons Grams per Mile | Carbon Monoxide Grams per Mile | Nitrogen Oxides Grams per Mile |
|---|---|---|---|
| GM 01Y4MCRZ | 0.19 | 3.4 | 0.8 |

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".

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" (Title 13, California Administrative Code, Section 2290) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1980 Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That Checker Motors Corporation has provided to the Executive Officer all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

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

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 6th day of February, 1980.

K.D. Drachand by JOM
K. D. Drachand, Acting Chief
Mobile Source Control Division

# 1980 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Checker Motor Corporation Executive Order No. A-29-10 Page 1

Engine Family GM 01Y4MCRZ Engine (CID) 305

Evap. Family: 0D4S-1

ABBREVIATIONS

Ignition System
CA-Centrifugal Advance
EEC-Electronic Engine Control
EI-Electronic Ignition
ESAC-Electronic Spark Advance Control
VA-Vacuum Advance
VR-Vacuum Retard

Fuel System
EFI, MFI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emissions Control System
AI-Air Injection
CL-Closed Loop
EGR-Exhaust Gas Recirculation
EM-Engine Modification
OC-Oxidation Catalyst
PAI-Pulse Air Injection
TR-Thermal Reactor
TWC-Three Way Catalyst

Special Features
CCAV-Combustion Chamber Air Valve
EFI-Electronic Fuel Injection
MFI-Mechanical Fuel Injection
TC-Turbo Charged

Models:

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

Issued: 020480.

E.O. #A -29-10

# 1980 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Checker Motors Corporation Page 2

Engine Family GM 01Y4MCRZ CID-Type 305-V8 Engine Code

ECS (Special Features) AI,EGR,TWC,CL + 10% (A/C) Yes No

| Engine Code (Air Cond.) | Vehicle Models (If Coded see attachment) | Trans. | Test Weight Class (Inertia) | Ign. System Distrib. Part No. (GM) | Fuel System Carb. Part No. (GM) | EGR Valve Part No. (GM) | Label Ident. |
|---|---|---|---|---|---|---|---|
| 3A (W) | A-11<br>A-11E<br>A-12<br>A-12E | A-3 | 4500 | Delco Remy 1103368 | Rochester 17080504 | 17064541 | 708529 |
| 4A (WO) | A-11<br>A-11E<br>A-12<br>A-12E | | | | 17080502 | | |

Comments. See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model, equipment and frontal area.

Test H.P. for Checker is 15.3

Date of Issue - 020480.