State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-103-3
Relating to Certification of New Motor Vehicles

STUTZ MOTOR CAR OF AMERICA INCORPORATED

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 Stutz Motor Car of America Inc. exhaust emission control systems for 1977 model-year passenger cars are certified for the engine family described below:

Engine Family: GM 730M4AU
Engine: 403 CID
Transmission: 3-speed automatic
Exhaust Emission Control Systems: Air Injection, Exhaust Gas Recirculation, Oxidation Catalyst

Model: Stutz Blackhawk

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 730M4AU	0.33	8.9	1.5

BE IT FURTHER RESOLVED: That this certification is contingent upon Stutz Motor Car of America Inc. 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 Stutz Motor Car of America Inc. 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 10 day of March, 1977.

G. C. Hass, Chief
Vehicle Emissions Control Division

1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

[X] Passenger Cars [ ] Light-Duty Trucks

Manufacturer: Stutz Motor Car of America, Inc. Executive Order No. A-103-3 Page 1

Engine Family: GM 730M4AU Engine (CID): 403 Engine Code: 40

Emission Control System: AI, EGR, OC +10%(A/C) Yes [X] No [ ]

Vehicle Models (If Coded see attachment)	Trans	Inertia Weight	Distributor Type C,V Mfgr. Part Number	Fuel System Type 1-4V Mfgr. Part Number	EGR System Part No. Service*	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
Stutz Blackhawk	A-3	4500	Delco Remy 1103264	Rochester 17057553	GM 7044097 (no service)	See below

OT 403 CU.IN. 730M4AU

VEHICLE EMISSION CONTROL INFORMATION
GENERAL MOTORS CORPORATION

MAKE ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE, CHOKE OPEN, AIR CLEANER REMOVED AND VACUUM SOURCE FROM CARBURETOR BASE TO AIR CLEANER PLUGGED.

SET PARKING BRAKE AND BLOCK DRIVE WHEELS

1. DISCONNECT AND PLUG CARBURETOR HOSES FROM VAPOR CANISTER, E.G.R. VALVE AND DISTRIBUTOR VACUUM UNIT.
2. SET TIMING AT SPECIFIED RPM, IN PARK.
3. ADJUST CARBURETOR IDLE SPEED SCREW TO SPECIFIED RPM, IN DRIVE.
4. ADJUST CARBURETOR FAST IDLE SPEED SCREW TO SPECIFIED RPM ON LOW STEP OF CAM, IN PARK.
5. ON AIR CONDITIONING CARS – AFTER COMPLETING ABOVE ADJUSTMENTS, DISCONNECT ELECTRICAL CONNECTOR AT A/C COMPRESSOR CLUTCH, TURN ON A/C AND ADJUST SOLENOID (ENERGIZED) SCREW TO SPECIFIED RPM, IN DRIVE.
6. RECONNECT ELECTRICAL CONNECTOR.
7. RECONNECT DISTRIBUTOR, CANISTER AND E.G.R. VALVE HOSES.

CATALYST-E.G.R.
LOW ALTITUDE CERTIFICATION

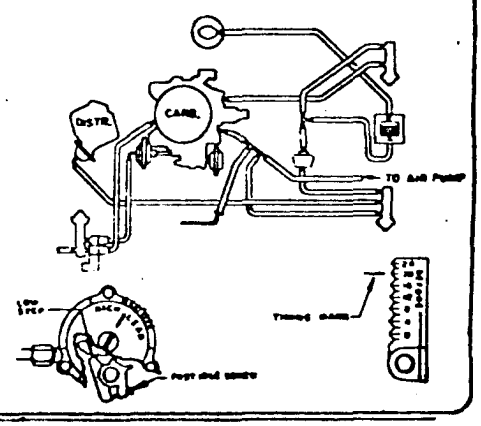
TIMING (DEG. BTDC @ RPM)	20° @ 1100 (IN PARK)
SPARK PLUGS GAP	.060 IN.
SPARK PLUGS TYPE	AC R46SZ
CARBURETOR SCREW (RPM)	550 (IN DRIVE)
FAST IDLE SCREW (RPM)	1000 (IN PARK)
SOLENOID SCREW (RPM)	650 (IN DRIVE)
CHOKE SETTING	2 N.R.

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 PROCEDURE MAY VIOLATE FEDERAL AND/OR CALIFORNIA OR OTHER STATE LAWS.

SEE SERVICE MANUAL AND MAINTENANCE SCHEDULE II FOR ADDITIONAL INFORMATION.

VACUUM HOSE ROUTING



PRINTED IN U.S.A. THIS VEHICLE CONFORMS TO U.S.E.P.A. AND WHERE APPLICABLE CALIFORNIA REGULATIONS APPLICABLE TO 1977 MODEL YEAR NEW MOTOR VEHICLES. PART NO. 556549

Comments

Date of Issue 022877.

Abbreviations

Distributor
C-Centrifugal Advance
" Vacuum Advance
Vacuum Retard
HEI-High Energy Ignition
EI-Electronic Ignition

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

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
PAI-Pulse Air Injection
RC-Reduction Catalyst
TR-Thermal Reactor
TWC-Three Way Catalyst
λ-Air Fuel Ratio Sensor

*Service
I-Inspect, repair/replace as needed
R-Replace