

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:

<u>Engine Family</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
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

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  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 CUIN 730M4AU	<b>VEHICLE EMISSION CONTROL INFORMATION</b> GENERAL MOTORS CORPORATION		<b>CATALYST-E.G.R.</b> LOW ALTITUDE CERTIFICATION	<b>VACUUM HOSE ROUTING</b> 
MAKE ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE. THROTTLE OPEN, AIR CLEANER REMOVED AND VACUUM SOURCE FROM CARBURETOR BASE TO AIR CLEANER PLUGGED.			TIMING (DEG. BTDC @ RPM) <b>20° @ 1100 (IN PARK)</b>	
SET PARKING BRAKE AND BLOCK DRIVE WHEELS			SPARK PLUGS GAP TYPE <b>.060 IN. AC R46SZ</b>	
1. DISCONNECT AND PLUG CARBURETOR HOSES FROM VAPOR CANISTER, EGR 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.			CARBURETOR SCREW (RPM) <b>550 (IN DRIVE)</b> FAST IDLE SCREW (RPM) <b>1000 (IN PARK)</b> SOLENOID SCREW (RPM) <b>650 (IN DRIVE)</b> CHOKE SETTING <b>2 N.R.</b>	
			IDLE MIXTURE SCREWS ARE PRESET AND CAPPED AT FACTORY. DO NOT BREAK CAPS. ADJUSTMENT DURING TUNE-UPS 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.	
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
- V-Vacuum Advance
- V-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