File



State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-690
Relating to Certification of New Motor Vehicles

GENERAL MOTORS CORPORATION

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; 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 1995 model-year General Motors Corporation exhaust emission control systems are certified as described below for medium-duty vehicles:

Fuel Type: Gasoline

Engine Family: S3G4.389GBEA Displacement: 4.3 Liters (262 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Exhaust Gas Recirculation
Three Way Catalytic Converter
Heated Oxygen Sensor
Multiport Fuel Injection

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The certification exhaust emission standards for this engine family in grams per mile are:

| Test Weight (lbs.) | Miles | Non-Methane Hydrocarbons | Carbon Monoxide | Nitrogen Oxides |
|---|---|---|---|---|
| 3751-5750 | 50,000 | 0.32 | 4.4 | 0.7 |
| | 120,000 | 0.46 | 6.4 | 0.98 |

The certification exhaust emission values for this engine family in grams per mile are:

| Test Weight (lbs.) | Miles | Non-Methane Hydrocarbons | Carbon Monoxide | Nitrogen Oxides |
|---|---|---|---|---|
| 3751-5750 | 50,000 | 0.24 | 3.1 | 0.5 |
| | 120,000 | 0.34 | 4.4 | 0.67 |

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the 50,000-mile evaporative emission standards applicable to 1980 through 1994 model-year vehicles in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles", and the listed vehicle models comply with those standards.

BE IT FURTHER RESOLVED: That, based on the evaporative emission phase-in compliance schedule submitted by the vehicle manufacturer, the listed vehicle models shall not be subject to the running loss and useful life standards set forth in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles."

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" for the aforementioned model year (Title 13, California Code of Regulations, Section 2235).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high-altitude requirements and highway emission standards, and with the California Inspection and Maintenance emission standards in place at the time of certification, as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Emission Control Label Specifications" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "Malfunction and Diagnostic System for 1988 and Subsequent Model-Year Passenger Cars, Light-duty Trucks, and Medium-Duty Vehicles with Three-Way Catalyst Systems and Feedback Control" (Title 13, California Code of Regulations, Section 1968) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the listed vehicle models have been exempted from compliance with the "Malfunction and Diagnostic System Requirements-1994 and Subsequent Model-Year Passenger Cars, Light-duty Trucks, and Medium-Duty Vehicles and Engines" pursuant to Title 13, California Code of Regulations, Section 1968.1(m)(2.0) for the aforementioned model year.

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Section 2035 et seq.).

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 26th day ~~of~~ April, 1994.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

(FOR CARB USE ONLY)

E.O. #A-6-690

# 1995 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: S3G4.389GBEA

PASSENGER CARS___ LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES_X_ (M2)

FUEL TYPE: GAS (PHASE 2) STANDARDS TYPE: TIER 1 VEHICLE TYPE: NA

ENGINE CONFIG: V6 LITER (CID): 4.3 (262) EVAP FAMILY: S3G1085AYM0B

ENGINE: FRONT_X_ MID___ REAR___ DRIVE: FWD___ RWD___ 4WD-FT_X_ 4WD-PT___

EMISSION CONTROL SYSTEM & SPECIAL FEATURES: EGR, TWC, HO2S (OBD)(MFI)

DPA: SECTION 08.13.02.00

| ENG CODE | VEH MODELS (SEE PAGE 1) | TRANS TYPE: A-AUTO M-MAN | EQUIV TEST WEIGHT | IGN SYSTEM (ECM/PCM) PART NO. | EGR SYSTEM PART NO. | CATALYST PART NO. |
|---|---|---|---|---|---|---|
| 2,2A, | L11005 | A4 | 5250 | 16212135/BNBJ | 17094058 | 25144275 |
| 2B,2M | L11006 | | 5500 | | | |
| 2C,2N | | | | 16219035/BPKY | | |
| 2D,2P | | | | 16231865/BSWX | | |

| CARLINE NAME | CARLINE CODE |
|---|---|
| SAFARI AWD (CARGO VAN) | 80037 |
| SAFARI AWD (PASSENGER VAN) | 80052 |
| ASTRO AWD (CARGO VAN) | 55047 |
| ASTRO AWD (PASSENGER VAN) | 55062 |

ISSUED: ML-SP117 REVISED: ML-SR039, ML-SR083, ML-SR156