File

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-325-3
Relating to Certification of New Motor Vehicles

GFI CONTROL SYSTEMS, INC.

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 Order G-45-9;

IT IS ORDERED AND RESOLVED: That GFI Control Systems, Inc. 1996 model-year exhaust emission control systems are certified as described below for passenger cars.

Fuel Type: Dual-Fuel Compressed Natural Gas (CNG) or Gasoline

Engine Family: TG92.0VJG1EA Displacement: 2.0 Liters (121 Cubic Inches)

Exhaust Emission Control Systems & Special Features:

Three Way Catalytic Converter
Heated Oxygen Sensors (two)
Exhaust Gas Recirculation
Sequential Multiport Fuel Injection

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

The certification exhaust emission standards (in-use compliance standards in parentheses) for this engine family in grams per mile are:

Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Carbon Monoxide (20°F)
50,000	0.25 (0.32)	3.4 (5.2)	0.4 (0.4)	10.0 (10.0)
100,000	0.31 (n/a)	4.2 (n/a)	0.6 (n/a)	n/a

The certification exhaust emission values for this engine family in grams per mile are: (The values in parentheses are for gasoline.)

Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Carbon Monoxide (20°F)
50,000	0.001 (0.10)	2.3 (1.7)	0.1 (0.1)	(5.3)
100,000	0.001 (0.12)	3.1 (2.3)	0.2 (0.2)	n/a

BE IT FURTHER RESOLVED: That the listed vehicle models are permitted alternative in-use compliance as set forth in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles," pursuant to provisions in the said standards and test procedures applicable to small-volume manufacturers.

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 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", pursuant to provisions in the said standards and test procedures applicable to small-volume manufacturers.

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 Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines" (Title 13, California Code of Regulations, Section 1968.1) 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 11th day of April 1996.

John Kowalski for

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O # A-325-3

1996 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: GFI CONTROL SYSTEMS INC Exh Engine Family: TG92OVJG1EA

Evap Std: 50K X Useful Life with R/L___ Evap Engine Family: TFM1045AYPAB

Exh Std: Tier-0___ Tier-1 X TLEV___ LEV___ ULEV___ ZEV___ ; EPA Tier-0___ Tier-1___

Veh Class(es): PC X LDT1___ LDT2___ MDV1___ MDV2___ MDV3___ MDV4___ MDV5___

Single Cert Std for Multi-Class Eng Fam: N/A (specify: N/A, LDT1, MDV1, MDV2, MDV3, MDV4)

Exh Cert Fuel(s): Indo X Ph2___ Diesel: 13 CCR 2282___ or 40 CFR 86.113-90___ or -94___

M85___ CNG X LPG___ Other (specify)___

Fuel Type(s): Dedicated___ Flex-Fuel___ Dual-Fuel X Gasoline X Diesel___ M85___

CNG X LNG___ LPG___ Other (specify)___

Hybrid: Type A___ B___ C___, APU Cycle (e.g., Otto, Diesel, Turbine) OTTO

Engine Configuration: I-4 In Line Displacement: 2.0 Liters 121 Cubic Inches

Engine: Front X Mid___ Rear___ Drive: FWD X RWD___ 4WD-FT___ 4WD-PT___

Exhaust ECS (eg., EGR, MFI, TC, CAC): HO2 S(2), TWC, SFI, EGR, [illegible]
(use abbreviations per SAE J1930 SEP91)

Engine Code (CA/49ST /50ST	Vehicle Models	Trans. Type: A-Auto M-Man.	ETW	DPA	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalytic Converter Part No.
6-04N	Contour	A	3500	6.3	V9-160	948F--BA	94BB--FH

Date Issued: 3/22/'95

Revisions: