

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:

<u>Miles</u>	<u>Non-Methane Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>	<u>Carbon Monoxide (20°F)</u>
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.)

<u>Miles</u>	<u>Non-Methane Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>	<u>Carbon Monoxide (20°F)</u>
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).

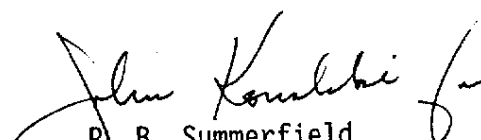
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines" (Title 13, California Code of Regulations, Section 1968.1) for the aforementioned 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.


R. B. Summerfield
Assistant Division Chief
Mobile Source Division

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

Manufacturer: GFI CONTROL SYSTEMS INC Exh Engine Family: TG920VJG1EA
 Evap Std: 50K X Useful Life with R/L ___ Evap Engine Family: TEM1045ATPAB
 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): H02 S(2), TWC, SFI, EGR, F1 ___
 (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: _____