(Page 1 of 2)

the

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>	Non-Methane	Carbon	Nitrogen	Carbon
	<u>Hydrocarbons</u>	<u>Monoxide</u>	Oxides	<u>Monoxide (20⁰F)</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>	Non-Methane	Carbon	Nitrogen	Carbon
	<u>Hydrocarbons</u>	<u>Monoxide</u>	Oxides	<u>Monoxide (20⁰F)</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 $1/2^{-1}$ day of April 1996.

R) B. Summerfield

Assistant Division Chief Mobile Source Division

E.O # A-325-3

1996 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET Page of the Page

 Manufacturer: GFI CONTROL SYSTEMS INC_____Exh Engine Family: TG92DVJG1EA______Evap Std: 50K______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____Y 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_LPG___Other (specify)

 Hybrid: Type A____B__C__, APU Cycle (e.g., Otto, Diesel, Turbine)

Engine Configuration: <u>In Line</u>Displacement: <u>20</u> Liters <u>121</u> Cubic Inches Engine: Front<u>X</u> Mid_____ Rear____ Drive: FWD_X_ RWD____ 4WD-FT____ 4WD-PT____ Exhaust ECS (eg., EGR, MFI, TC, CAC): <u>HO2 S(2)</u>, TWC, SFI, EGR, Fig. (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	948FBA	94BBFH
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Date Issued: 3/22/'95

Revisions: