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State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-40-45 Relating to Certification of New Motor Vehicles

FERRARI S.p.A.

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 1998 model-year Ferrari S.p.A. exhaust emission control systems are certified as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: WFEXV05.5KFK <u>Displacement</u>: 5.5 Liters (334 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Sequential Multiport Fuel Injection Secondary Air Injection Dual Heated Oxygen Sensors (two) Dual Three Way Catalytic Converters

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:

Miles	Non-Methane	Carbon	Nitrogen	Carbon
	<u>Hydrocarbons</u>	<u>Monoxide</u>	<u>Oxides</u>	<u>Monoxide (20⁰F)</u>
50,000	0.25	3.4	0.4	10.0
100,000	0.31	4.2	0.6	n/a

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

Miles	Non-Methane	Carbon	Nitrogen	Carbon
	<u>Hydrocarbons</u>	<u>Monoxide</u>	Oxides	<u>Monoxide (20⁰F)</u>
50,000	0.15	0.8	0.1	6.9
100,000	0.19	1.2	0.2	n/a

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 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 said standards and test procedures applicable to ultra-small volume manufacturers.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Emission Control and Smog Index 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 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 manufacturer is certifying the listed vehicle models with a partially complying on-board diagnostic system for the aforementioned model year pursuant to Title 13, California Code of Regulations, Section 1968.1(m)(6.2) ("Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines").

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 18 day of September 1997.

R. B. Summerffeld, Chief

Molile Source Operations Division

E.O.# A-40-45

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1998 MODEL-YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer	FERRARI S.p.A.		Exh Eng	Fam: WF	EXVØ5.5KFK	From Bow	li mara e e e e e e e e e e e e e e e e e e
Digine C	odes in Endine Ka	wilia:	CA 49S	50s	X ARGES	ODITO -	· · · ·
Exh Std: CA	Tier-1 X TLE	v	LEV	ULEV	,	ORVR:	YES NO X
Veh Class(es): PC_X_LDT1_	LDT	2 мр	v1	ADAS ADA	, USE	PA Tier-1 <u>X</u>
Single Cert S	Std for Multi-Cla	ss Eng F	am: N/A /	r Epacifu	MDV2 MDV	3 MDV4	MDV5
Fuel Type(s):	Dedicated X	Flex-Fue	l Dua	l-Eusl	· N/A, LUTI,	MDV1, MDV2	, MDV3, MDV4)
	CNGLNG	LPG	M85	Other	Bl=ruel	Gasoline	<u> </u>
Exh Emiss Tes	st Fuel(s): Indo	X CBG	CNG	TPC	(specify)		
	Dies	= ≘l: 13 (CCR 2282	40	M65 CFR 86.113-90	Other (spec	cify)
Evaporative E	Cmission Test Prod	cedure:	Californ	40 '	CFR 00.113-90	40 CFR	86.113-94
Service Accum	std AMA	AMA bol	Wf-	NDD	rederal	_ _ _	
NMOG Test Pro	cedure: N/A_X	S+4	MII	ADP	Other (spe	cify) ADFs	
Engine Config	uration: V12-65°	Dienlace	_ Equiv_	'	K/L Test Proc	: SHED <u>N/A</u>	Pt Source
Valves per Cv	uration: V12-65° linder: 4	proprace	menc:	<u> /5.</u>	<u> Liters</u>	/334	Cubic Inches
			Rated	HP:	475	_e7000	RPM
Exhaust ECS (t X Mid F	G CAC	Drive	FWD_	RWD_X	4WD-FT	4WD-PT
	e.g., MFI, EGR, T	C, CAC):	5F1/A.	e abbre	/2H02S(2)		
Engine Code	Vehicle Models		·		viations per		UN93)
(also list	lif coded see	LIVE DA	i	AGG	-901011	•	! Catalytic
CA/49ST/50ST)	attachment)	etc.)	Test-Wt.	RLHP	(ECM/PCM)	System	Converter
SFI/EI/4/X	Ferrari	 M_6	1 1 250	1 11 0	1	i i	Part No.
(50ST)	550 maranello	!	1 4,25U	11.0	172 432 !	N/A	FERRARI
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Date Issued:

Revisions: