



Service Bulletin

SB 00-12

8-5-82

SUBJECT: High Altitude Performance Adjustment Procedure
VEHICLES: All USA Models MY 1968-1980

GENERAL INFORMATION:

The Environmental Protection Agency has issued a regulation providing for the carburetor adjustment of vehicles used principally at high altitude in order to improve the Emission Control Performances. All USA vehicles MY 1968 through 1980 operated at high altitude locations, as identified in Table 1 of present bulletin, should have carburetion adjusted according to the specification here shown in Table 2, by following the same tune up requirements and procedures established in the related Workshop and Owner's Manuals.

After completion of Fast Idle/Idle r.p.m. and CO adjustments, the label, here shown in Table 3, should be affixed to the vehicle in an open location, in proximity of the original Emission Control Information Label.

An initial lot of labels is being shipped directly to you for your use and convenience. Should you need any additional ones, please contact any of the Ferrari North America main offices.

TABLE I

Counties Designated by E.P.A. as High Altitude Locations:

Counties Located Substantially Above
1,219 Meters (4,000 Feet) in Elevation

State of Arizona
Apache Navajo
Cochise Yavapai
Coconino

State of Colorado
Adams Kit Carson
Alamosa Lake
Arapahoe La Plata
Archuleta Larimer
Boulder Las Animas
Chaffee Lincoln
Cheyenne Mesa
Clear Creek Mineral
Conejos Moffat
Costilla Montezuma
Crowley Montrose
Custer Morgan
Delta Otero
Denver Ouray
Dolores Park
Douglas Pitkin
Eagle Pueblo
Elbert Rio Blanco
El Paso Rio Grande
Fremont Routt
Garfield Saguache
Gilpin San Juan
Grand San Miguel
Gunnison Summit
Hinsdale Teller
Huerfano Washington
Jackson Weld
Jefferson

State of Idaho
Bannock Franklin
Bear Lake Fremont
Bingham Jefferson
Blaine Lemhi
Bonneville Madison

State of Nevada

Carson City Lyon
Douglas Mineral
Elko Nye
Esmeralda Pershing
Eureka Storey
Humboldt Washoe
Lander White Pine
Lincoln

State of New Mexico

Bernalillo Mora
Catron Rio Arriba
Colfax Roosevelt
Curry Sandoval
De Baca San Juan
Grant San Miguel
Guadalupe Santa Fe
Harding Sierra
Hidalgo Socorro
Lincoln Taos
Los Alamos Torrance
Luna Union
McKinley Valencia
Otero

State of Oregon

Harney Klamath
Lake

State of Texas

Jeff Davis Parmer
Hudspeth

State of Utah

Beaver Morgan
Box Elder Piute
Cache Rich
Carbon Salt Lake
Daggett San Juan
Davis Sanpete
Duchesne Sevier
Emery Summit

Butte
Camas
Caribou
Cassia
Clark
Custer

Minidoka
Oneida
Power
Teton
Valley

State of Montana

Beaverhead
Deer Lodge
Gallatin
Jefferson
Judith Basin
Powell

Madison
Meagher
Park
Silver Bow
Wheatland

State of Nebraska

Banner
Cheyenne

Kimball
Sioux

Garfield
Grand
Iron
Juab
Kane
Millard

Tooele
Uintah
Utah
Wasatch
Wayne
Weber

State of Wyoming

Albany
Campbell
Carbon
Converse
Fremont
Goshen
Hot Springs
Johnson
Laramie
Lincoln

Natrona
Niobrara
Park
Platte
Sublette
Sweetwater
Teton
Uinta
Washakie
Weston

TABLE II

MODEL YEAR	MODELS	EMISSION CONTROL SYSTEM (See Footnotes)	ADJUSTMENT SPECIFICATIONS FOR HIGH ALTITUDE		
			IDLE RPM	FAST IDLE RPM	IDLE CO% ^a
1968	365 GT 2 + 2	1,2,3	800 - 850	1300 ± 100	0.3 - 0.8
1969	365 GT 2 + 2	1,2,3	800 - 850	1300 ± 100	0.3 - 0.8
	365 GTB 4	1,2,3	950 ± 50	2400 ± 100	0.6 - 0.9
1970	365 GT 2 + 2	1,2,3	800 - 850	1300 ± 100	0.3 - 0.8
	365 GTB 4	1,2,3	950 ± 50	2400 ± 100	0.6 - 0.9
	Dino 246 GT	1,2,3	1000 ± 50	1600 ± 200	1.1 ± 0.2
1971	365 GT 2 + 2	1,2,3	800 - 850	1300 ± 100	0.3 - 0.8
	365 GTB 4	1,2,3	950 ± 50	2400 ± 100	0.6 - 0.9
	365 GTC 4	1,2,3	950 ± 50	2400 ± 100	0.6 - 0.9
	Dino 246 GT	1,2,3	1000 ± 50	1600 ± 200	1.1 ± 0.2
1972	365 GT 2 + 2	1,2,3	800 - 850	1300 ± 100	0.3 - 0.8
	365 GTB 4	1,2,3	950 ± 50	2400 ± 100	0.6 - 0.9
	365 GTC 4	1,2,3	950 ± 50	2400 ± 100	0.6 - 0.9
	Dino 246 GT	1,2,3	1000 ± 50	1600 ± 200	1.1 ± 0.2
1973	365 GTB 4	1,2,3	950 ± 50	2400 ± 100	0.6 - 0.9
	365 GTC 4	1,2,3	950 ± 50	2400 ± 100	0.6 - 0.9
1974	Dino 246 GT	1,2,3	1000 ± 50	1600 ± 200	1.1 ± 0.2
	Dino 246 GT	1,2,3	1000 ± 50	1600 ± 200	1.1 - 0.2
1975	Dino 308 GT 4	1,2,3,4	1000 ± 200	3100 ± 300	2.0 ± 1.5
	Dino 308 GT 4	1,2,3,4	1000 ± 200	3100 ± 300	2.0 ± 1.5
1976	308 GTB	1,2,3,4	1000 ± 200	3100 ± 300	2.0 ± 1.5
	308 GTS	1,2,3,4	1000 ± 200	3100 ± 300	2.0 ± 1.5
1977	Dino 308 GT 4	1,2,3,4	1000 ± 200	3100 ± 300	2.0 ± 1.5
	308 GTB	1,2,3,4	1000 ± 200	3100 ± 300	2.0 ± 1.5
	308 GTS	1,2,3,4	1000 ± 200	3100 ± 300	2.0 ± 1.5
1978	Dino 308 GT 4	1,2,3,5	1000 ± 200	3100 ± 200	6.0 ± 1.0
	308 GTB	1,2,3,5	1000 ± 200	3100 ± 200	6.0 ± 1.0
	308 GTS	1,2,3,5	1000 ± 200	3100 ± 200	6.0 ± 1.0
1979	Dino 308 GT 4	1,2,3,5	1000 ± 200	3100 ± 200	6.0 ± 1.0
	308 GTB	1,2,3,5	1000 ± 200	3100 ± 200	6.0 ± 1.0
	308 GTS	1,2,3,5	1000 ± 200	3100 ± 200	6.0 ± 1.0
1980	308 GTB	1,2,3,6,7,8	1000 ± 100	Automatic	1.0 ± 0.2
	308 GTS	1,2,3,6,7,8	1000 ± 100	Automatic	1.0 ± 0.2

NOTES:

- 1 = Pump Air Injection
2 = Fast Idle
3 = Ignition Retard
4 = Thermal Reactor
5 = Oxidation Catalyst
6 = Fuel Injection
7 = 3-way + Oxidation Catalyst
8 = EGR

TABLE III

High Altitude Performance Adjustment Label

Ferrari	VEHICLE EMISSION CONTROL INFORMATION UPDATE
<p>THIS VEHICLE HAS BEEN ADJUSTED TO IMPROVE EMISSION CONTROL PERFORMANCE WHEN OPERATED AT HIGH ALTITUDE</p> <p>ADJUSTMENT INSTRUCTIONS:</p> <p>THIS VEHICLE SHOULD BE TUNED ACCORDING TO THE APPLICABLE ADJUSTMENT SPECS FOR IDLE SPEED, IDLE CO % AND FAST IDLE SPEED CONTAINED ON THE "VEHICLE EMISSION CONTROL INFORMATION" LABEL ORIGINALLY INSTALLED ON THIS VEHICLE.</p>	