MOTOR VEHICLE

Specifications

METRIC (U.S. Customary)

Passenger Car

1985

Manufacturer PONTIAC MOTOR DIVISION GENERAL MOTORS CORPORATION	Car Line FIERO	
Mailing Address ONE PONTIAC PLAZA PONTIAC, MICHIGAN 48053	Issued 9/1/84	Revised

Questions concerning these specifications should be directed to the manufacturer whose address is shown above.

The information contained herein is prepared, distributed by, and is solely the responsibility of the automobile manufacturing company to whose products it relates. This specification form was developed by the automobile manufacturing companies under the auspices of the Motor Vehicle Manufacturers Association of the United States, Inc.

The General Specifications herein are those in effect at date of compilation and are subject to change without notice by the manufacturer.

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NOTE:

1. This form uses both SI metric units and U.S. Customary units. The metric unit of measure is presented first, and the U.S. Customary unit follows in parentheses.
2. UNLESS OTHERWISE INDICATED:
   a. Specifications apply to standard models without optional equipment. Significant deviations are noted.
   b. Nominal design dimensions are used throughout these specifications.
   c. All linear dimensions are in millimeters (inches), and all mass (weight) specifications are in kilograms (pounds).
3. The General Specifications herein are those in effect at date of completion and are subject to change without notice by the manufacturer.
4. Additional Car and Body Dimensions and/or drawings (based in part on SAE J1100a "Motor Vehicle Dimensions") may be available from the manufacturer.

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Car Models

Model Description FWD/RWD	Introduction Date	Make, Car Line, Series, Body Type (Mfgr's Model Code)	No. of Designated Seating Positions (Front/Rear)	Max. Trunk/Cargo Load–Kilograms (Pounds)
REAR WHEEL DRIVE MID-ENGINE				
FIERO COUPE	01/10/85	2PE37	2 (2/0)	45.4 (100.1)
FIERO SPORT COUPE	01/10/85	2PM37	2 (2/0)	45.4 (100.1)
FIERO SE	01/10/85	2PF37	2 (2/0)	45.4 (100.1)
FIERO GT	01/10/85	2PG37	2 (2/0)	45.4 (100.1)

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Power Teams (Indicate whether standard or optional)
SAE J1349 Net bhp (brake horsepower) and net torque corrected to 77°F/25° C and 29.61 in. Hg/100 kPa atmospheric pressure.

SERIES AVAILABILITY	ENGINE						TRANSMISSION TRANSAXLE		AXLE RATIO (std. first)
	Displ. Liters (in^3)	Carb. (Barrels, FI, etc.)	Compr. Ratio	SAE Net at RPM		Exhaust S/D			
				kW (bhp)	Torque N - m (lb. ft.)				
STANDARD									
FIERO SPORT COUPE	2.5L (151)	EFI	9.0:1	69@ 4400	182@ 2800	S	5M	MT2	3.35
FIERO SE	L4 LR8			(92@ 4400)	(134@ 2800)		3A-125C (OPTIONAL)	MD9	3.18
STANDARD									
FIERO GT	2.8L (173) V6 L44	MPFI	8.46:1	105@ 5200 (140@ 5200)	230@ 3600 (170@ 3600)		4M	M17	3.65
							3A-125C (OPTIONAL)	MD9	
OPTIONAL									
SPORT COUPE FIERO SE									

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ENGINE – GENERAL

Type & description (inline, V, angle, flat, location, front, mid, rear, transverse, longitudinal, sohc, dohc, ohv, hemi, wedge, pre-camber, etc.)		MID-ENGINE, TRANSVERSE MOUNTED	
No. of cylinders		4	6
Bore		101.6 (4.00)	89.0 (3.50)
Stroke		76.2 (3.00)	76.0 (2.99)
Bore spacing (c / l to c / l)		111.8 (4.40)	
Cylinder block material		CAST IRON	
Cylinder block deck height		236.1 (9.30) FROM PAN RAIL	224.0 (8.82)
Deck clearance (minimum) (above or below block)		0.64 (0.025) BELOW	0.62 (0.024) BELOW
Cylinder head material		SWIRL PORT, CAST IRON	CAST IRON
Cylinder head volume (cm^3)		45.62 (2.78)	
Head gasket thickness (compressed)		0.97 (0.038)	0.838 (0.033)
Minimum combustion chamber total volume (cm^3)		70.82 (4.32)	63.417 (3.869) @
Cyl. no. system (front to rear)*	L. Bank	1-2-3-4	1-3-5
	R. Bank		2-4-6
Firing order		1-3-4-2	1-2-3-4-5-6
Recommended fuel (leaded, unleaded, diesel)		UNLEADED	
Fuel antiknock index $\frac{(R+M)}{2}$			
Total dressed engine mass (wt) dry**		177.709 kg (391.0 lbs.)	

Engine – Pistons

Material & mass, g (weight, oz.) - piston only		CAST ALUMINUM ALLOY 650.0 (22.93)	ALUMINUM ALLOY

Engine – Camshaft

Location		RIGHT SIDE OF BLOCK	IN BLOCK ABOVE CRANKSHAFT
Material & mass kg (weight, lbs.)		CAST NODULAR IRON 3.490 (7.698)	CAST IRON
Drive type	Chain / belt	GEAR	CHAIN
	Width / pitch		

* Rear of engine – drive takeoff. View from drive takeoff end to determine left & right side of engine.

** Dressed engine mass (weight) includes the following: OIL AND COOLANT

@ PISTON AT TDC, SPARK PLUG AND VALVES IN PLACE, AND CYLINDER HEAD TORQUED TO SPECIFICATIONS.

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Engine – Valve System

Hydraulic lifters (std., opt., NA)		STANDARD (ROLLER LIFTERS)	
Valves	Number intake / exhaust	4/4	6/6
	Head O.D. intake / exhaust	43.69 (1.72)/38.10 (1.50)	43.69 (1.72)/36.20 (1.43)

Engine – Connecting Rods

Material & mass [kg., (weight, lbs.)]	CAST ARMA STEEL/0.621 (1.37)	SAE 1037 OR 1038 STEEL/602.0 (1.327)

Engine – Crankshaft

Material & mass [kg., (weight, lbs.)]	NODULAR CAST IRON/12.51 (27.52)	NODULAR CAST IRON/14.17 (31.24)
End thrust taken by bearing (no.)	5	3
Number of main bearings	5	4

Engine – Lubrication System

Normal oil pressure [kPa (psi) at engine rpm]	259 (37.5)	345-450 (50-65) @ 1200
Type oil intake (floating, stationary)	STATIONARY	
Oil filter system (full flow, part, other)	FULL FLOW	
Capacity of c/case, less filter-refill-L (qt.)	2.8 (3.0)	3.8 (4.0)

Engine – Diesel Information

Diesel engine manufacturer	NOT APPLICABLE	
Glow plug, current drain at 0°F		
Injector nozzle	Type	
	Opening pressure [kPa (psi)]	
Pre-chamber design		
Fuel injection pump	Manufacturer	
	Type	
Fuel injection pump drive (belt, chain, gear)		
Supplementary vacuum source (type)		
Fuel heater (yes/no)		
Water separator, description (std., opt.)		
Turbo manufacturer		
Oil cooler-type (oil to engine coolant; oil to ambient air)		
Oil filter		

Engine – Intake System

Turbo charger - manufacturer	NOT APPLICABLE	
Super charger - manufacturer		
Charge cooler		

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	HEATER	A/C	A/C (V08)	A/C	HEATER
Engine – Cooling System					
Coolant recovery system (std., opt., n.a.)	STANDARD				
Coolant fill location (rad., bottle)					
Radiator cap relief valve pressure [kPa (psi)]	103.4 (15.0)				
Circulation thermostat – Type (choke, bypass)	CHOKE				
Circulation thermostat – Starts to open at °C (°F)					
Water pump – Type (centrifugal, other)	CENTRIFUGAL				
Water pump – GPM 1000 pump rpm					
Water pump – Number of pumps	ONE				
Water pump – Drive (V-belt, other)	V-BELT				
Water pump – Bearing type					
By-pass recirculation [type (inter,. ext.)]	EXTERNAL	INTERNAL	EXTERNAL	INTERNAL	INTERNAL
Cooling system capacity – With heater–L(qt.)	13.0 (13.8)				
Cooling system capacity – With air cond.–L(qt.)	13.0 (13.8)				
Cooling system capacity – Opt. equipment [specify–L(qt.)]					
Water jackets full length of cyl. (yes, no)	YES				
Water all around cylinder (yes, no)	YES				
Radiator core – Describe (type, material, no. of rows)	ALUMINUM				
Radiator core – Std., A/C, HD	STD	A/C	A/C - H.D.		
Radiator core – Width	500				430
Radiator core – Height	38.2				
Radiator core – Thickness	23.5	23.5	34.0	34.0	23.5
Radiator core – Fins per inch	14.5	20.3	12.7	12.7	
Fan – Std., elec., opt.	ELECTRIC				
Fan – Number of blades & type (flex, solid, material)	PLASTIC 7	5	7	5	7
Fan – Diameter & projected width	385 DIA	415 DIA	385 DIA	415 DIA	385 DIA
Fan – Ratio (fan to crankshaft rev.)	FIXED				
Fan – Fan cutout type					
Fan – Drive [type (direct, remote)]	ELECTRIC				
Fan – RPM at idle (elec.)		1800 #		1800 #	
Fan – Motor rating (wattage) (elec.)	96 w	150 w	100/200 w	150 w	
Fan – Motor switch (type & location) (elec.)	CYLINDER BLOCK				
Fan – Switch point (temp., pressure) (elec.)	COOL TEMPERATURE				
Fan – Fan shroud (material)	UNSHROUDED	PLASTIC	PLASTIC	PLASTIC	UNSHROUDED

WITH AIR CONDITIONING ON.

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Engine – Fuel System (See supplemental page for details of Fuel Injection, Supercharger, Turbocharger, etc. if used)

Induction type: carburetor, fuel injection system, etc.			FUEL INJECTION	
Carburetor	Mfgr.		ROCHESTER	BOSCH
	Choke (type)		NOT APPLICABLE	
	Idle spd.-rpm (spec. neutral or drive and propane if used)	Manual		
		Automatic		
Idle A/F mix.			ECM CONTROL	
Fuel injection	Point of injection (no.)		THROTTLE BODY (1)	PORT (6)
	Constant, pulse, flow		PULSE	
	Control (electronic, mech.)		ELECTRONIC	
	System pressure [kPa (psi)]		83.0 (12.0)	250.0 (36.75)
Intake manifold heat control (exhaust or water thermostatic or fixed)			WATER	NONE
Air cleaner type	Standard		PAPER ELEMENT W/FOAM WRAP	REPLACEABLE PAPER ELEMENT
	Optional		NOT APPLICABLE	
Fuel pump	Type (elec. or mech.)		ELECTRIC	
	Location (eng., tank)		FUEL TANK	
	Pressure range [kPa (psi)]		83.0 (12.0)	160.0-250.0 (24.0-37.0)

Fuel Tank

Capacity [refill L (gallons)]		38.6 (10.2)
Location (describe)		IN TUNNEL BETWEEN SEATS, ON LONGITUDINAL CAR CENTER LINE
Attachment		TWO TRANSVERSE STRAPS
Material		TERNE PLATED STEEL
Filler pipe	Location & material	LH QUARTER PANEL
	Connection to tank	STEEL PIPE W/HOSE SECTION AT TANK END
Fuel line (material)		STEEL (GM 124 - M)
Fuel hose (material)		RUBBER GM 6163 - M
Return line (material)		STEEL (GM 124 - M)
Vapor line (material)		STEEL (GM 124 - M)
Extended range tank	Opt., n.a.	NOT APPLICABLE
	Capacity [L (gallons)]	
	Location & material	
	Attachment	
Auxiliary tank	Opt., n.a.	NOT APPLICABLE
	Capacity [L (gallons)]	
	Location & material	
	Attachment	
	Selector switch or valve	
	Separate fill	

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Vehicle Emission Control

Exhaust Emission Control	Type (air injection, engine modifications, other)		COMPUTER COMMAND CONTROL	
	Air Injection	Pump or pulse	NOT APPLICABLE	
		Driven by	NOT APPLICABLE	
		Air distribution (head, manifold, etc.)	NOT APPLICABLE	
		Point of entry	NOT APPLICABLE	
	Exhaust Gas Recirculation	Type (controlled flow, open orifice, other)	CONTROLLED FLOW	PULSE WIDTH MODULATED
		Exhaust source	EXHAUST MANIFOLD	EXHAUST CROSSOVER
		Point of exhaust injection (spacer, carburetor, manifold, other)	INTAKE MANIFOLD	
	Catalytic Converter	Type	SINGLE BED, OXDIZING/REDUCING	3-WAY CATALYST
		Number of	ONE	
		Location(s)	TRANSVERSE, AHEAD OF AND BELOW ENGINE	
		Volume [L (in³)]	2.623 (160.0)	2.8 (170.0)
		Substrate type	PELLETS	MONOLITH
Crankcase Emission Control	Type (ventilates to atmosphere, induction system, other)		INDUCTION SYSTEM	
	Energy source (manifold vacuum, carburetor, other)		MANIFOLD VACUUM	
	Discharges (to intake manifold, other)		INLET MANIFOLD	
	Air inlet (breather cap, other)		TBI AIR CLEANER	INTAKE DUCT
Evaporative Emission Control	Vapor vented to (crankcase, canister, other)	Fuel tank	CANISTER	
		Carburetor		
	Vapor storage provision		CANISTER	
Electronic system	Closed loop (yes/no)		YES	
	Open loop (yes/no)		NO	

Engine – Exhaust System

Type (single, single with cross-over, dual, other)		SINGLE	
Muffler no. & type (reverse flow, straight thru, separate resonator)		ONE, REVERSE FLOW	
Resonator no. & type			
Exhaust pipe	Branch o.d., wall thickness		
	Main o.d., wall thickness	50.8x1.45 (2.0x.057)	50.8x1.09 (2.0x.043)
	Material	STAINLESS STEEL GM 6125 - M	409 STAINLESS STEEL GM 6125 - M
Intermediate pipe	o.d. & wall thickness	50.8x1.09 (2.0x.043)	
	Material	STAINLESS STEEL GM 6125 - M	
Tail pipe	o.d. & wall thickness	50.8x1.09 (2.0x.043)	
	Material	STAINLESS STEEL GM 6125 - M	

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Transmissions/Transaxle

Manual 3-speed (std., opt., n.a.)	NOT AVAILABLE	
Manual 4-speed (std., opt., n.a.)	NOT AVAILABLE	STANDARD
Manual 5-speed (std., opt., n.a.)	STANDARD	NOT AVAILABLE
Manual overdrive (std., opt., n.a.)	STANDARD *	STANDARD **
Automatic (std., opt., n.a.)	OPTIONAL	OPTIONAL
Automatic overdrive (std., opt., n.a.)	NOT AVAILABLE	NOT AVAILABLE

Manual Transmission/Transaxle

Number of forward speeds			5	4
Transmission ratios	In first		3.73	3.31
	In second		2.04	1.95
	In third		1.45	1.24
	In fourth		1.03	0.81
	In fifth		0.74	
	In overdrive			
	In reverse		3.50	3.42
Synchronous meshing (specify gears)			ALL FORWARD GEARS	
Shift lever location			FLOOR	
Lubricant	Capacity [L (pt.)]		2.55	2.8
	Type recommended		TEXACO 5W30	
	SAE viscosity number	Summer		
		Winter		
		Extreme cold		

Clutch (Manual Transmission)

Make, type, engagement (describe)		BORG & BECK, DRY DISC	
Type pressure plate springs		BELLEVILLE SPRING	
Total spring load [N (lb.)]		5251 (1180)	PRESSURE PLACE LOAD 6230 (1400)
No. of clutch driven discs		ONE	
Clutch facing	Material		
	Manufacturer	BORG & BECK	
	Part number	14087222	14087220
	Rivets/plate	36	
	Rivet size	3.6 x 5.4 mm (0.143 x 0.213 in.)	
	Outside & inside dia.	216.0 x 152.5 mm (8.5 x 6.0 in.)	232.0 x 155.0 mm (9.13 x 6.10 in.)
	Total eff. area [cm²(in.²)]	177.73 (28.46)	234.0 (36.42)
	Thickness	6.86 - 7.37 mm (0.27 - 0.29 in.)	7.5 - 8.0 mm (0.295 - 0.315 in.)
	Engagement cushion method	DRIVEN PLATE WAVE SPOKE SPRINGS	
Release bearing	Type & method of lubrication	BALL THRUST - PREPACKED & SEALED	
Torsional damping	Method: springs, friction material	COIL SPRINGS & METAL-TO-METAL FRICTION	

* FIFTH SPEED IS OVERDRIVE.
** FOURTH SPEED IS OVERDRIVE.

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Automatic Transmission/Transaxle

Trade name		HYDRAMATIC 3-SPEED AUTOMATIC
Type and special features (describe)		PLANETARY GEARS - TORQUE CONVERTER, W/LOCKING CLUTCH
Selector	Location	FLOOR
	Ltr./No. designation	P-R-N-D-2-1
Gear ratios	R	MD9
	D	2.07
	L_3	1.00
	L_2	1.60
	L_1	2.84
Max. upshift speed - drive range [km/h (mph)]		----
Max. kickdown speed - drive range [km/h (mph)]		
Min. overdrive speed [km/h (mph)]		
Torque converter	Number of elements	3
	Max. ratio at stall	2.35
	Type of cooling (air, liquid)	LIQUID
	Nominal diameter	245.0 mm (9.65)
Lubricant	Capacity [refill L (pt.)]	4.7 (9.96)
	Type Recommended	DEXRON II
Oil cooler (std., opt., NA, internal, external, air, liquid)		STANDARD - LIQUID - IN RADIATOR

Axle or Front Wheel Drive Unit

Type (front, rear)			REAR
Description			TRANSAXLE
Limited slip differential (type)			NOT AVAILABLE
Drive pinion offset			
Drive pinion (type)			
No. of differential pinions			2
Pinion / differential adjustment (shim, other)			
Pinion / differential bearing adjustment (shim, other)			
Driving wheel bearing (type)			
Lubricant	Capacity [L (pt.)]		3.8 (8.06)
	Type recommended		DEXTRON II
	SAE viscosity number	Summer	
		Winter	
		Extreme cold	

Axle or Transaxle Ratio and Tool Combinations (See 'Power Teams' for axle ratio usage.)

Axle ratio (or overall top gear ratio)		3.35	3.65
No. of teeth	Pinion	20	23
	Ring gear or gear	67	84
Ring gear o.d.			
Transaxle	Transfer gear ratio	----	----
	Final drive ratio	3.35	3.65

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AXLE SHAFTS - REAR WHEEL DRIVE (MID-ENGINE)

Axle Shafts – Front Wheel Drive

Number used				TWO
Type (straight, solid bar, tubular, etc.)			Left	SOLID BAR
			Right	SOLID BAR
Outer diam. x length* x wall thick-ness	Manual transmission		Left	27.2 x 313.0 x SOLID mm(1.07 x 12.32 in.)
			Right	27.2 x 725.0 x SOLID mm(1.07 x 28.54 in.)
	Automatic transmission		Left	23.8 x 306.1 x SOLID mm(0.94 x 12.05 in.)
			Right	23.8 x 420.9 x SOLID mm(0.94 x 16.57 in.)
	Optional transmission		Left	NOT AVAILABLE
			Right	NOT AVAILABLE
Slip yoke	Type			NOT AVAILABLE
	Number of teeth			NOT AVAILABLE
	Spline o.d.			
Universal joints	Make and mfg. no.		Inner	SAGINAW
			Outer	SAGINAW
	Number used			TWO
	Type, size, plunge		Inner	TRI-POT
			Outer	RZEPPA
	Attach (u-bolt, clamp, etc.)			SNAP-RING
	Bearing	Type (plain, anti-friction)		ANTI-FRICTION
		Lubrication (fitting, prepack)		PREPACKED
Drive taken through (torque tube, arms or springs)				LOWER CONTROL ARMS, MacPHERSON STRUT
Torque taken through (torque tube, arms or springs)				ENGINE MOUNTING SYSTEM

* Centerline to centerline of universal joints, or to centerline of attachment.

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Body Type And/Or Engine Displacement	ALL

Suspension – General

Car leveling	Std./opt./n.a.	NOT AVAILABLE
	Type (air, hyd., etc.)	
	Manual/auto. controlled	
Provision for brake dip control		FRONT SUSPENSION GEOMETRY
Provision for accl. squat control		REAR SUSPENSION GEOMETRY
Provisions for car jacking		SILL JACK, ROCKER TYPE
Shock absorber (front & rear)	Type	FRONT: DIRECT, DOUBLE-ACTING; REAR MacPHERSON STRUT
	Make	DELCO
	Piston diameter	25.0 mm (FRONT/REAR)
	Rod diameter	

Suspension – Front

Type and description		INDEPENDENT SLA W/COIL SPRINGS, SHOCK ABSORBERS BETWEEN LCA & SHEET METAL
Drive and torque taken through		FRONT WHEEL SUSUSPENSION & ENGINE MOUNTING
Travel	Full jounce	64.0 mm (2.52)
	Full rebound	96.0 mm (3.78)
Spring	Type (coil, leaf, other) & material	COIL, STEEL
	Insulators (type & material)	
	Size (coil design height & i.d., bar length x dia.)	193x87.5; 2744x12.2 mm (7.6x3.4); (108.0x0.5) 212x87.5; 2863x12.4 mm (8.3x3.4); (112.7x0.5)
	Spring rate [N/mm (lb./in.)]	31.5 (179.5) BASE; 36.5 (208.1) - W/WS6
	Rate at wheel [N/mm (lb./in.)]	
Stabilizer	Type (link, linkless, frameless)	LINK, TO LCA
	Material & bar diameter	STEEL - 23.0 mm (0.90)

Suspension – Rear

Type and description			MacPHERSON STRUT
Drive and torque taken through			NOT AVAILABLE
Travel	Full jounce		62.0 mm (2.44)
	Full rebound		120.0 mm (4.72)
Spring	Type (coil, leaf, other) & material		COIL, STEEL
	Size (length x width, coil design height & i.d., bar length & dia.)		200.0x166.0; 2700.0x15.6 mm (7.87x6.54); (106.30x0.61)
	Spring rate [N/mm (lb./in.)]		40.0 (228.0) BASE; 44.0 (250.8) W/WS6
	Rate at wheel [N/mm (lb./in.)]		41.0 (234.0) BASE; 95.1 (257.1) W/WS6
	Insulators (type & material)		RUBBER TOP & BOTTOM
	If leaf	No. of leaves	NOT AVAILABLE
		Shackle (comp. or tens.)	
Stabilizer	Type (link, linkless, frameless)		NOT AVAILABLE
	Material & bar diameter		
Track bar (type)			NONE REQUIRED

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Body Type And/Or Engine Displacement	ALL

Brakes - Service

Description				4-WHEEL DISC W/ALUMINUM CALIPERS
Brake type (std., opt., n.a.)			Front (disc or drum)	DISC
			Rear (disc or drum)	DISC
Self-adjusting (std., opt., n.a.)				STANDARD
Special valving	Type (proportion, delay, metering, other)			REMOTE PROPORTIONING, FRONT/REAR SPLIT
Power brake (std., opt., n.a.)				STANDARD
Booster type (remote, integral, vac., hyd., etc.)				VACUUM
Vacuum source (inline, pump, etc.)				INTAKE MANIFOLD
Vacuum reservoir (volume in.^{3})				
Vacuum pump-type (elec, gear driven, belt driven, if other so state)				
Anti-skid device type (std., opt., n.a.) (F/R)				NOT AVAILABLE
Effective area [cm^2(in.^{2})]*				F/200.1 (31.02); R/200.1 (31.02)
Gross lining area [cm^2(in.^{2})]**(F/R)				F/200.1 (31.02); R/200.1 (31.02)
Swept area [cm^2(in.^{2})]***(F/R)				F/105.192 (163.2); R/102.150 (158.4)
Rotor	Outerworking diameter		F/R	F/247.0 mm (9.72); R/247.0 mm (9.72)
	Inner working diameter		F/R	
	Thickness		F/R	F/11.0 mm (0.433); R/12.6 mm (0.496)
	Material & type (vented/solid)		F/R	F/R CAST IRON, SOLID
Drum	Diameter & width		F/R	NOT AVAILABLE
	Type and material		F/R	
Wheel cylinder bore				F/49.0 mm (1.92); R/48.0 mm (1.88)
Master cylinder	Bore/stroke		F/R	BORE: 25.4 mm (1.0) DIAMETER
Pedal arc ratio				4.0:1
Line pressure at 445 N(100 lb.) pedal load [kPa (psi)]				
Lining clearance			(F/R)	SELF ADJUSTING
Brake lining	Front wheel	Bonded or riveted (rivets/seg.)		BONDED
		Rivet size		
		Manufacturer		DELCO MORAINE
		Lining code		DM-8035 SEMI-METALLIC
		Material		SEMI-METALLIC
		****	Primary or out-board	54.57 mm (8.49 in.^{2})
		Size	Secondary or in-board	45.6 mm (7.02 in.^{2})
		Shoe thickness (no lining)		0.327 mm (8.54) OUTBOARD; 0.485 mm (12.32) INBOARD
	Rear wheel	Bonded or riveted (rivets/seg.)		BONDED
		Manufacturer		DELCO MORAINE
		Lining code		DM-8035 SEMI-METALLIC
		Material		SEMI-METALLIC
		****	Primary or out-board	0.330 mm (8.49 in.^{2})
		Size	Secondary or in-board	0.280 mm (7.02 in.^{2})
		Shoe thickness (no lining)		0.327 mm (8.54) OUTBOARD; 0.485 mm (12.32) INBOARD

*Excludes rivet holes,grooves, chamfers, etc.

**Includes rivet holes, grooves, chamfers, etc.

***Total swept area for four brakes. (Drum brake: Widest lining contact width for each brake x its contact circumference.) (Disc brake: Square of Outer Working Dia.minus Square of inner Working Dia. multiplied by Pi/2 for each brake.)

****Size for drum brakes includes length x width x thickness.

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Passenger Car

METRIC (U.S. Customary)

Car Line FIERO
Model Year 1985 Issued 9/1/84 Revised (•)

Body Type And/Or Engine Displacement	2PM37	2PF37	2PG37

Tires And Wheels (Standard)

Tires	Size (load range, ply)		P185/80R13	P195/70R14	P215/60R14 STEEL
	Type (bias, radial, etc.)		STEEL-BELTED RADIAL		
	Inflation pressure (cold) for recommended max. vehicle load	Front [kPa (psi)]	240 (35)	207 (30)	207 (30)
		Rear [kPa (psi)]	240 (35)	207 (30)	207 (30)
	Rev./mile–at 70 km/h (45 mph)		847	841	829
Wheels	Type & material		13" x 5½" STYLED STEEL DISC	14" x 6" ALUMINUM	14" x 6" ALUMINUM
	Rim (size & flange type)				
	Wheel offset		42 mm	35 mm	35 mm
	Attachment	Type (bolt or stud)	STUD	STUD	STUD
		Circle diameter	100 mm (3.94)	100 mm (3.94)	100 mm (3.94)
		Number & size	HEX NUTS 5-M12 x 1.5	HEX NUTS 5-M12 x 1.5	HEX NUTS 5-M12 x 1.5
Spare	Tire and wheel (same, if other describe)		15" x 4" ALUMINUM		
	Storage position & location (describe)		FRONT COMPARTMENT, INCLINED TO FRONT		

Tires And Wheels (Optional)

Size (load range, ply)	P185/80R13 STEEL
Type (bias, radial, etc.)	RADIAL
Wheel (type & material)	ALUMINUM TURBO TORQUE
Rim (size, flange type and offset)	13" x 5½" (42 mm)
Size (load range, ply)	
Type (bias, radial, etc.)	
Wheel (type & material)	
Rim (size, flange type and offset)	
Size (load range, ply)	
Type (bias, radial, etc.)	
Wheel (type & material)	
Rim (size, flange type and offset)	
Size (load range, ply)	
Type (bias, radial, etc.)	
Wheel (type & material)	
Rim (size, flange type and offset)	
Spare tire and wheel (if configuration is different than road tire or wheel, describe optional spare tire and/or wheel location & storage position	T125/70D15 TIRE 15" x 4" STEEL WHEEL LOCATED IN FRONT COMPARTMENT

Brakes – Parking

Type of control		HAND LEVER
Location of control		LEFT STILL, BESIDE DRIVER, STOWS FLAT AT STILL
Operates on		REAR CALIPERS
If separate from service brakes	Type (internal or external)	
	Drum diameter	
	Lining size (length x width x thickness)	

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Body Type And/Or Engine Displacement	ALL

Steering

Manual (std., opt., n.a.)					STANDARD
Power (std., opt., n.a.)					NOT AVAILABLE
Adjustable steering wheel (tilt, swing, other)		Type and description			TILT
		(Std., opt., n.a.)			OPTIONAL
Wheel diameter		Manual			368.0 mm (14.5) RIM
		Power			NOT AVAILABLE
Turning diameter m (ft.)	Outside front	Wall to wall (l. & r.)			11.5 m (37.7 ft.)
		Curb to curb (l. & r.)			11.3 m (37.1 ft.)
	Inside rear	Wall to wall (l. & r.)			7.2 m (23.6 ft.)
		Curb to curb (l. & r.)			7.0 m (22.9 ft.)
Scrub Radius					47.0 mm (1.85 in.)
Manual	Gear	Type			RACK AND PINION
		Make			SAGINAW STEERING GEAR
		Ratios	Gear		22:1
			Overall		
	No. wheel turns (stop to stop)				3.0
Power	Type (coaxial, linkage, etc.)				NOT AVAILABLE
	Make				NOT AVAILABLE
	Gear	Type			NOT AVAILABLE
		Ratios	Gear		NOT AVAILABLE
			Overall		NOT AVAILABLE
	Pump (drive)				NOT AVAILABLE
	No. wheel turns (stop to stop)				NOT AVAILABLE
Linkage	Type				
	Location (front or rear of wheels, other)				FRONT
	Drag links (trans. or longit.)				TRANSVERSE
	Tie rods (one or two)				TWO
Steering axis	Inclination at camber (deg.)				9.4° KING PIN @ +.5° CAMBER/+.5° CASTER
	Bearings (type)	Upper			BALL JOINT
		Lower			BALL JOINT
		Thrust			NONE
Steering spindle & joint type					FORGE KNUCKLE W/UPPER & LOWER SPHERICAL JOINTS
Wheel spindle	Diameter	Inner bearing			26.97 mm (1.06 in.)
		Outer bearing			17.45 mm (0.69 in.)
	Thread (size)				314.20 NEF (MIC-T)
	Bearing (type)				TAPERED ROLLER

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Car Line FIERO
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Body Type And/Or Engine Displacement	ALL

Wheel Alignment

Front wheel at curb mass (wt.)	Service checking	Caster (deg.)	+5.0° ± 2.0°
		Camber (deg.)	+0.5° ± 0.8°
		Toe-in [outside track-mm (in.)]	+0.15° ± 0.10°
	Service reset*	Caster	+5.0° ± 1.0°
		Camber	+0.5° ± 0.4°
		Toe-in	+0.15° ± 0.05°
	Periodic M.V. inspection	Caster	+5.0° ± 2.0°
		Camber	+0.5° ± 0.8°
		Toe-in	+0.15° ± 0.10°
Rear wheel at curb mass (wt.)	Service checking	Camber (deg.)	-1.0° ± 0.5°
		Toe-in [outside track-mm (in.)]	+0.15° ± 0.10° PER WHEEL
	Service reset*	Camber	-1.0° ± 0.25°
		Toe-in	+0.15° ± 0.05° PER WHEEL
	Periodic M.V. inspection	Camber	-1.0° ± 0.5°
		Toe-in	+0.15° ± 0.10° PER WHEEL

* Indicates pre-set, adjustable, trend set or other.

Electrical – Instruments and Equipment

Speedometer	Type	CIRCULAR DIAL
	Trip odometer (std., opt., n.a.)	STANDARD
EGR maintenance indicator		LIGHT
Charge indicator	Type	
	Warning device	LIGHT
Temperature indicator	Type	POINTER GAGE
	Warning device	LIGHT
Oil pressure indicator	Type	POINTER GAGE
	Warning device	
Fuel indicator	Type	POINTER GAGE
	Warning device	MARKED SEGMENTS ON DIAL FACE
Windshield wiper	Type (standard)	ELECTRIC
	Type (optional)	
	Blade length	18 in.
	Swept area [cm^2 ($in.^2$)]	6106.8 (946.8)
Windshield washer	Type (standard)	ELECTRIC PUMP, FLUIDIC NOZZLE
	Type (optional)	
	Fluid level indicator	
Horn	Type	ELECTRIC VIBRATOR
	Number used	2
Other		

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Engine Description/Carb. Engine Code	2.5L L4 (151 CID) ELECTRONIC FUEL INJECTION RPO LR8	2.8L V6 (173 CID) MULTI-PORT FUEL INJECTION RPO L44

Electrical – Supply System

Battery	Make	DELCO REMY FREEDOM II		
	Model, std., (opt.)	75A-60 (BASE)	75-60 (BASE)	75A-60 / UA1
	Voltage	12 V		
	Amps at 0°F cold crank	630	500	630
	Minutes-reserve capacity	90	90	90
	Amp/hrs. - 20 hr. rate	54	54	54
	Location	RIGHT FRONT ENGINE COMPARTMENT		
Generator or alternator	Type and rating	66 AMP	66 AMP	
	Ratio (alt. crank/rev.)	2.78:1		
	Optional (type & rating)	94 AMP		
Regulator	Type	INTEGRAL W/ALTERNATOR		

Electrical – Starting System

Start. motor	Current drain at 0°F	NOT AVAILABLE
Motor drive	Engagement type	OVERRUNNING CLUTCH
	Pinion engages from (front, rear)	FRONT

Electrical – Ignition System

Type	Conventional (std., opt., n.a.)			
	Electronic (std., opt., n.a.)			
	Other (specify)	HIGH ENERGY IGNITION (HEI)	HIGH ENERGY IGNITION (HEI) W/ESC	
Coil	Make	DELCO REMY		
	Model	1115305 (REMOTE)	1115314 (REMOTE)	
	Current – Engine stopped – A	0.5		
	Current – Engine idling – A	5.1		
Spark plug	Make	AC		
	Model	R43TSX		
	Thread (mm)	M14 x 1.25		
	Tightening torque [N-m (lb., ft.)]	20-34 (15-25)		
	Gap	1.524 (0.060)		
	Number per cylinder			
Distributor	Make	DELCO REMY		
	Model	1103632	1103633	

Electrical – Suppression

Locations & type	INTERNAL ALTERNATOR CAPACITOR, NON-METALLIC HIGH-TENSION CABLES, RESISTOR SPARK PLUGS, IGNITION COIL BYPASS CAPACITOR, INTERNAL AC BLOWER MOTOR BYPASS CAPACITOR AND A/C COMPRESSION DIODE, WITH RADIO PROVISIONS; HOOD GROUNDING CLIP, ENGINE TO DASH PANEL GROUND STRAP, TACH FILTER, AND ON "HEATER-ONLY" BLOWER MOTORS, A COAX CAPACITOR.

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Body Type	ALL

Body – Miscellaneous Information

Type of finish (lacquer, enamel, other)			ACRYLIC ENAMEL BASE COAT/CLEAR COAT
Hood	Hinge location (front, rear)		FRONT
	Type (counterbalance, prop)		PROP
	Release control (internal, external)		INTERNAL
Trunk lid	Type (counterbalance, other)		TORQUE RODS
	Internal release control (elec., mech., n.a.)		STANDARD MECHANICAL CABLE (SE); OPTIONAL - ELECTRIC
Hatch-back lid	Type (counterbalance, other)		NOT AVAILABLE
	Internal release control (elec., mech., n.a.)		NOT AVAILABLE
Bumper front	Bar material & mass, kg (weight, lbs.)		RRIM FASCIA 4.06 KG (8.93 LBS.)
	Reinforcement material & mass, kg (lbs.)		STEEL-MARTINSITE 5.40 KG (11.88 LBS.)
Bumper rear	Bar material & mass, kg (weight, lbs.)		RRIM FASCIA 4.37 KG (9.61 LBS.)
	Reinforcement material & mass, kg. (lbs.)		STEEL-MARTINSITE 5.44 KG (11.97 LBS.)
Vent window control (crank, friction, pivot, power)		Front	NOT AVAILABLE
		Rear	NOT AVAILABLE
Seat cushion type (e.g., 60/40, bucket, bench, wire, foam etc.)		Front	MOLDED FOAM PAD
		Rear	
		3rd seat	
Seat back type (e.g., 60/40, bucket, bench, wire, foam etc.)		Front	MOLDED FOAM PAD
		Rear	
		3rd seat	
Vehicle identification no. location			

Frame

Type and description (separate frame, unitized frame, partially-unitized frame)	SPACE

Glass

Backlight slope angle (deg.)	H121	8.0
Windshield slope angle (deg.)	H122	62.0
Tumble-Home (deg.)	W122	30.0
Windshield glass exposed surface area [cm^2($in.^2$)]	S1	8614 (1335.2)
Side glass exposed surface area [cm^2($in.^2$)] - total 2-sides	S2	4847 (751.3)
Backlight glass exposed surface area [cm^2($in.^2$)]	S3	2500 (387.5)
Total glass exposed surface area [cm^2($in.^2$)]	S4	15961 (2474.0)
Windshield glass (type)		LAMINATED PLATE
Side glass (type)		CURVED-TEMPERED PLATE
Backlight glass (type)		CURVED-TEMPERED PLATE

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Body Type	ALL

Restraint System

Active restraint system	Standard/optional	STANDARD
	Type and description	FRONT: LAP/SHOULDER BELT COMBINATION
	Location	FRONT: RIGHT/LEFT OUTBOARD
Passive seat belts	Standard/optional	NOT AVAILABLE
	Power/manual	NOT AVAILABLE
	2 or 3 point	NOT AVAILABLE
	Knee bar/lap belt	NOT AVAILABLE

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Body Type	ALL

Convenience Equipment (standard, optional, n.a.)

Air conditioning (manual, auto. temp control)		OPTIONAL - "ELECTRIC" MODE SELECTION, N/A WITH VALUE LEADER
Clock (digital, analog)		OPTIONAL BASE; STANDARD SE & GT ONLY W/RADIO
Compass / thermometer		NOT AVAILABLE
Console (floor, overhead)		STANDARD - FULL LENGTH, FLOOR
Defroster, elec. backlight		OPTIONAL
Electronic	Diagnostic warning (integrated, individual)	NOT AVAILABLE
	Instrument cluster (list instruments)	NOT AVAILABLE
	Keyless entry	NOT AVAILABLE
	Tripminder (avg. spd., fuel)	NOT AVAILABLE
	Voice alert (list items)	NOT AVAILABLE
	Other	
Fuel door lock (remote, key, electric)		STANDARD - REMOTE RELEASE
Lamps	Auto head on / off delay, dimming	NOT AVAILABLE
	Cornering	NOT AVAILABLE
	Courtesy (map, reading)	OPTIONAL - I/P INCLUDED W/LAMP GROUP
	Door lock, ignition	NOT AVAILABLE
	Engine compartment	NOT AVAILABLE
	Fog	NOT AVAILABLE
	Glove compartment	
	Trunk	NOT AVAILABLE
	Other	
Mirrors	Day/night (auto. man.)	MANUAL - STANDARD
	L.H. (remote, power, heated)	REMOTE - STANDARD; ELECTRIC - OPTIONAL
	R. H. (convex, remote, power, heated)	MANUAL CONVEX - STANDARD; ELECTRIC - OPTIONAL
	Visor vanity (RH / LH, illuminated)	NOT AVAILABLE
Parking brake-auto release (warning light)		STANDARD
Power equipment	Door locks / deck lid - specify	DOOR LOCKS-OPT; DECK LID-STD SE & GT; OPT BASE & SPORT COUPE
	Seat (2-4-6 way) heated (driver, pass, other) lumbar, hip, thigh support (power, manual) reclining (driver, pass) memory (1-2 preset, recline)	NOT AVAILABLE
	Side windows	OPTIONAL
	Vent windows	
	Rear window	
Radio systems	Antenna (location, whip, w/shield, power)	RIGHT FRONT FENDER
	AM, FM, stero, tape, CB	STD BASE AM; STD SE AM W/CLOCK; OPT AM/FM, AM/FM STEREO *
	Speaker (number, location) Premium sound	2 ADDITIONAL "EXTENDED RANGE" SPEAKERS LOCATED IN HEAD RESTS
Roof open air/fixed (flip-up, sliding, "T")		REMOVABLE GLASS HINGED AT FRONT - OPTIONAL
Speed control device		ELECTRIC TRI-MODE CRUISE CONTROL - OPTIONAL
Speed warning device (light, buzzer,etc.)		NOT AVAILABLE
Tachometer (rpm)		STANDARD
Theft protection-type		LOCK MOUNTED ON STEERING WHEEL

* AM/FM STEREO CASSETTE

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METRIC (U.S. Customary)
Car and Body Dimensions See Key Sheets for definitions

All dimensions to ground are for comparative purposes only. Dimensions are to be shown for all base body models of each car line.
SAE Ref. no. refers to the definition published in SAE Recommended Practice J1100a "Motor Vehicle Dimensions," unless otherwise specified.

Body Type	SAE Ref. No.	2-DOOR COUPE	2-DOOR COUPE GT
Width		ALL DIMENSIONS mm (in.) UNLESS NOTED	
Tread (front)	W101	1468.0 (57.8)	1482.0 (58.4)
Tread (rear)	W102	1492.0 (58.7)	1506.0 (59.3)
Vehicle width	W103	1752.0 (69.0)	
Body width at Sg RP (front)	W117	1751.0 (68.9)	
Vehicle width (front doors open)	W120	3810.0 (150.0)	
Vehicle width (rear doors open)	W121		
Length			
Wheelbase	L101	2373.0 (93.4)	
Vehicle length	L103	4082.0 (160.7)	4193.0 (165.8)
Overhang (front)	L104	924.0 (36.4)	1028.0 (40.5)
Overhang (rear)	L105	785.0 (30.9)	790.0 (31.1)
Upper structure length	L123	1518.0 (59.8)	
Rear wheel C/L "X" coordinate	L127	2173.0 (85.6)+	
Cowl point "X" coordinate	L125	197.0 (7.8)+	
Height*			
Passenger distribution (frt./rear)	PD1,2,3	2 - 0	2 - 0
Trunk/cargo load		0	0
Vehicle height	H101	1192.0 (46.9)	
Cowl point to ground	H114	832.0 (32.8)	
Deck point to ground	H138	875.0 (34.4)	
Rocker panel-front to ground	H112	168.0 (6.6)	
Bottom of door closed-front to grd.	H133	245.0 (9.6)	
Rocker panel-rear to ground	H111	171.0 (6.7)	
Bottom of door closed-rear to grd.	H135		
Ground Clearance*			
Front bumper to ground	H102	315.0 (12.4)	334.0 (13.1)
Rear bumper to ground	H104	333.0 (13.1)	342.0 (13.5)
Bumper to ground [front at curb mass (wt.)]	H103	341.0 (13.4)	315.0 (12.5)
Bumper to ground [rear at curb mass (wt.)]	H105	343.0 (13.5)	322.5 (12.7)
Angle of approach (degrees)	H106	17.9°	13.7°
Angle of departure (degrees)	H107	26.5°	23.9°
Ramp breakover angle (degrees)	H147	13.6°	13.6°
Rear axle differential to ground	H153		
Min. running ground clearance	H156	138.0 (5.4)	134.0 (5.3)
Location of min. run. grd. clear.		REAR ENGINE CRADLE	FRONT AIR DEFLECTOR

+ REAR OF BASE GRID.

* All vehicle height and ground clearances are made at the Manufacturer's Design Load Weight, unless otherwise specified.
Manufacturers Design Load Weight is defined with indicated passenger distribution and trunk/cargo load.

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Car Line FIERO
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METRIC (U.S. Customary)
Car and Body Dimensions See Key Sheets for definitions

Body Type	SAE Ref. No.	2-DOOR COUPE	GT

Front Compartment

Sg RP front, "X" coordinate	L31	1152.0 (45.4)
Effective head room	H61	941.0 (37.0)
Max. eff. leg room (accelerator)	L34	1105.0 (43.5)
Sg RP (front to heel)	H30	159.0 (6.3)
Design H-point front travel	L17	199.0 (7.8)
Shoulder room	W3	1395.0 (54.9)
Hip room	W5	1380.0 (54.3)
Upper body opening to ground	H50	1081.0 (42.6)
Steering wheel angle	H18	16.5°
Back angle	L40	26.5°

Rear Compartment

Sg RP Point couple distance	L50	NOT APPLICABLE
Effective head room	H63	
Min. effective leg room	L51	
Sg RP (second to heel)	H31	
Knee clearance	L48	
Compartment room	L3	
Shoulder room	W4	
Hip room	W6	
Upper body opening to ground	H51	
Back angle	L41	

Luggage Compartment

Usable luggage capacity [L (cu. ft.)]	V1	165.6 (5.85)
Liftover height	H195	793.0 (31.2)

Interior Volumes (EPA Classification)

Vehicle class		
Interior volume index (cu. ft.)		
Trunk/cargo index (cu. ft.)		

40

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METRIC (U.S. Customary)
Car and Body Dimensions See Key Sheets for definitions

Body Type	SAE Ref. No.	2-DOOR COUPE

Station Wagon – Third Seat

Shoulder room	W85	NOT APPLICABLE
Hip room	W86	
Effective leg room	L86	
Effective head room	H86	
Effective T-point head room	H89	
Seat facing direction	SD1	
Back angle	L88	

Station Wagon – Cargo Space

Cargo length (open front)	L200	NOT APPLICABLE
Cargo length (open second)	L201	
Cargo length (closed front)	L202	
Cargo length (closed second)	L203	
Cargo length at belt (front)	L204	
Cargo length at belt (second)	L205	
Cargo width (wheelhouse)	W201	
Rear opening width at floor	W203	
Opening width at belt	W204	
Max. rear opening width above belt	W205	
Cargo height	H201	
Rear opening height	H202	
Tailgate to ground height	H250	
Front seat back to load floor height	H197	
Cargo volume index [m^3($ft.^3$)]	V2	
Hidden cargo volume [m^3($ft.^3$)]	V4	
Cargo volume, index-rear of 2-seat	V10	

Hatchback – Cargo Space

Front seat back to load floor height	H197	NOT APPLICABLE
Cargo length at front seat back height	L208	
Cargo length at floor (front)	L209	
Cargo volume index [m^3($ft.^3$)]	V3	
Hidden cargo volume [m^3($ft.^3$)]	V4	
Cargo volume index-rear of 2-seat	V11	

Aerodynamics*

Wheel lip to ground, front	NOT AVAILABLE
Wheel lip to ground, rear	
Frontal area [m^2(ft^2)]	
Drag coefficient (Cd)	

* Describe measurement method.

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Body Type

ALL

Vehicle Fiducial Marks

Fiducial Mark Number*		Define Coordinate Location
Front	(1)	X - FIDUCIAL MARK TO VERTICAL BASE GRID LINE - FRONT, MEASURED HORIZONTALLY FROM THE BASE GRID LINE TO THE FRONT FIDUCIAL MARK LOCATED ON TOP OF THE FRONT SEAT ADJUSTER MOUNTING BOLT.
		Y - FIDUCIAL MARK TO CENTER LINE OF CAR - FRONT, WIDTH MEASUREMENT MADE FROM CENTER LINE OF CAR TO FIDUCIAL MARK LOCATED ON TOP OF THE FRONT SEAT ADJUSTER MOUNTING BOLT.
	(2)	Z - FIDUCIAL MARK TO HORIZONTAL BASE GRID LINE - FRONT, MEASURED VERTICALLY FROM BASE GRID LINE TO FRONT FIDUCIAL MARK LOCATED ON TOP OF THE FRONT SEAT ADJUSTER MOUNTING BOLT.
Rear	(1)	X - FIDUCIAL MARK TO VERTICAL BASE GRID LINE - REAR, MEASURED HORIZONTALLY FROM BASE GRID LINE TO THE REAR FIDUCIAL MARK LOCATED ON THE RIGHT HAND RAIL (COMPARTMENT PAN - LONGITUDINAL).
		Y - FIDUCIAL MARK TO CENTER LINE OF CAR - REAR, WIDTH MEASUREMENT MADE FROM CENTER LINE OF CAR TO FIDUCIAL MARK LOCATED ON THE RIGHT HAND RAIL (COMPARTMENT PAN - LONGITUDINAL).
	(2)	Z - FIDUCIAL MARK TO HORIZONTAL BASE GRID LINE - REAR, MEASURED VERTICALLY FROM BODY BASE GRID LINE TO THE REAR FIDUCIAL MARK LOCATED ON THE RIGHT HAND RAIL (COMPARTMENT PAN - LONGITUDINAL).

Fiducial Mark Number		
Front	W21	533.0 (21.0)
	L54	791.0 (31.1) REAR OF BASE GRID (1)
	H81	-102.0 (-4.0) BELOW BASE GRID (2)
	H161	216.0 (8.5)
	H163	198.0 (7.8)
Rear	W22	520.0 (20.5)
	L55	2720.0 (107.0) REAR OF BASE GRID (1)
	H82	81.0 (3.2) ABOVE BASE GRID (2)
	H162	397.0 (15.6)
	H164	385.0 (15.2)

(1) BASE GRID IS 2000 mm LINE.
(2) BASE GRID IS 500 mm LINE.

* Reference – SAE Recommended Practice. J182a. Motor Vehicle Fiducial Marks – September, 1973.
All linear dimensions are in millimeters (inches).

MVMA Specifications Form
Passenger Car
METRIC (U.S. Customary)

Car Line FIERO
Model Year 1985 Issued 9/1/84 Revised (•)

Body Type	SAE Ref. No.	
		2-DOOR COUPE

Lamps and Headlamp Shape*

Height above ground to center of bulb or marker	Headlamp (H127)	Highest**	709.0 (27.9)
		Lowest	
	Taillamp (H128)	Highest**	716.0 (28.2)
		Lowest	
	Sidemarker	Front	555.0 (21.9)
		Rear	655.0 (25.8)
Distance from C/L of car to center of bulb	Headlamp	Inside	
		Outside**	511.0 (20.1)
	Taillamp	Inside	
		Outside**	678.0 (26.7)
	Directional	Front	500.0 (19.7)
		Rear	538.0 (21.2)
Headlamp shape			RECTANGULAR - SINGLE RETRACTING

* Measured at curb mass (weight).
** If single lamps are used enter here.

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line FIERO

Model Year 1985 Issued 9/1/84 Revised (•)

Vehicle Mass (weight)

Model	CURB MASS, kg. (weight, lb.)*			% PASS. MASS DISTRIBUTION				SHIPPING MASS, kg (weight, lb.)**
				Pass In Front		Pass In Rear		
	Front	Rear	Total	Front	Rear	Front	Rear	
FIERO								
2-DOOR COUPE	493.1	643.1	1136.3	44.2	55.8	-	-	1116.3
(BASE MODEL)	(1087.0)	(1418.0)	(2505.0)					(2461.0)
2PM37								
FIERO - SE								
2-DOOR COUPE	498.0	649.5	1147.5	44.2	55.8	-	-	1127.5
2PF37	(1098.0)	(1418.0)	(2505.0)					(2486.0)
FIERO - GT								
2-DOOR COUPE	513.8	698.0	1211.8	44.2	55.8	-	-	1191.8
2PG37	(1133.0)	(1539.0)	(2572.0)					(2627.0)

CURB MASS - THE CALCULATED WEIGHT OF A VEHICLE WITH STANDARD EQUIPMENT ONLY AS DESIGNED WITH ADDITIONAL LOAD OF OILS, LUBES, COOLANTS AND FUEL FILLED TO CAPACITY (10.2 GALLONS).

SHIPPING MASS - SAME AS CURB MASS EXCEPT WITH 3 GALLONS OF FUEL.

* Reference – SAE J1100a, Motor vehicle dimensions, curb weight definition.
** Shipping mass (weight) definition –

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line FIERO
Model Year 1985 Issued 9/1/84 Revised (•) _____

Optional Equipment Differential Mass (weight)*

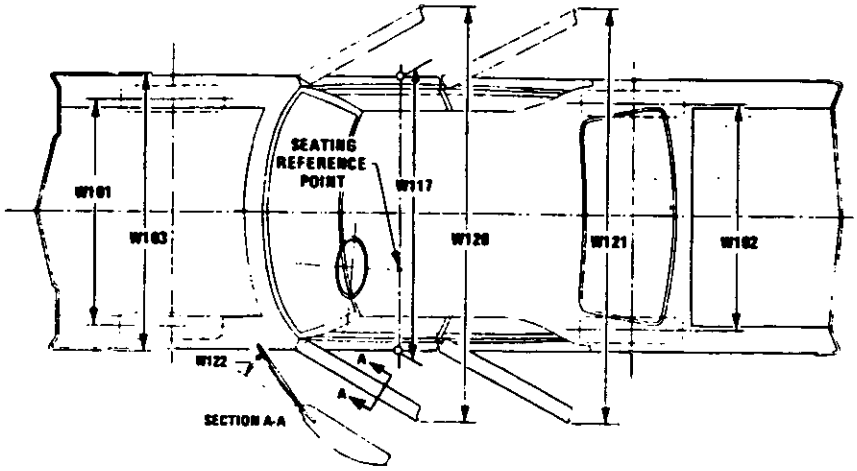
Equipment		MASS, kg. (weight, lb.) Front	Rear	Total	Remarks
GLASS HINGED ROOF	AD3	3.60	3.60	7.20	
		(7.94)	(7.44)	(15.87)	
POWER DOOR LOCKS	AU3	0.72	0.88	1.60	
		(1.59)	(1.94)	(3.53)	
POWER WINDOWS	A31	1.20	1.20	2.40	
		(2.65)	(2.65)	(5.30)	
DOOR MAP POCKETS	BC8	0.50	0.50	1.00	
		(1.10)	(1.10)	(2.20)	
FLOOR MATS	B34	1.54	0.66	2.20	
		(3.40)	(1.46)	(4.86)	
DELUXE TRUNK TRIM	B48	-0.40	2.40	2.00	STANDARD SE
		(-.88)	(5.29)	(4.41)	
AIR CONDITIONING	C60	8.40	11.60	20.00	
		(18.52)	(25.57)	(44.09)	
POWER O/S RRVIEW MIRRORS	DG7	0.85	0.15	1.00	
		(1.87)	(0.33)	(2.20)	
EXT REAR END PANEL	D80	-0.66	3.96	3.30	GT
		(-1.46)	(8.73)	(7.27)	
CRUISE CONTROL	K34	0.14	1.66	1.80	
		(.31)	(3.66)	(3.97)	
3-SPEED AUTO TRANS	MD9	1.22	23.08	24.30	
		(2.69)	(50.88)	(53.57)	
ALUMINUM WHEELS (13")	N24	-4.06	-4.06	-8.12	NOT AVAILABLE SE/GT
		(-8.95)	(-8.95)	(-17.90)	
ALUMINUM WHEELS (14")	N78	-0.60	-.60	-1.20	STANDARD SE/GT
		(-1.32)	(-1.32)	(-2.65)	
RING UNIT - WHEEL	P06	1.05	1.05	2.10	M37 ONLY
		(2.31)	(2.31)	(4.63)	
P185/80R13 STEEL TIRE	QHS	1.40	1.40	2.80	NOT AVAILABLE SE
		(3.09)	(3.09)	(6.17)	
P215/60R14 STEEL TIRE	QPU	4.40	4.40	8.80	STANDARD GT
		(9.70)	(9.70)	(19.40)	
HEAVY-DUTY BATTERY	UA1	0.31	1.76	2.07	LR8 ONLY
		(0.68)	(3.88)	(4.56)	
AM RADIO W/CLOCK	UL1	0.90	0.30	1.20	STANDARD GT
		(1.98)	(0.66)	(2.64)	
AM/FM STR W/CLOCK	UM6	1.88	0.62	2.50	
		(4.14)	(1.37)	(5.51)	
AM/FM STR/CASS/GR.EQ.	UT4	1.53	0.51	2.04	
		(3.37)	(1.12)	(4.49)	
AM/FM STR RADIO	UU9	0.90	0.30	1.20	
		(1.98)	(0.66)	(2.64)	
SPEAKERS	UW5	1.27	1.71	2.98	STANDARD GT
		(2.80)	(3.77)	(6.57)	
LUGGAGE CARRIER	V58	-0.25	2.75	2.50	
		(0.55)	(6.06)	(5.51)	

*Also see Engine - General Section for dressed engine mass (weight).

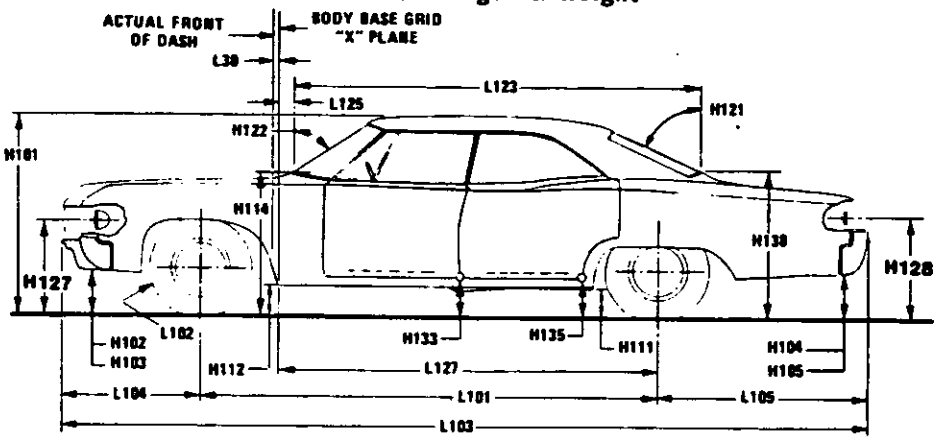
MVMA Specifications Form
Passenger Car
METRIC (U.S. Customary)

Exterior Car And Body Dimensions – Key Sheet

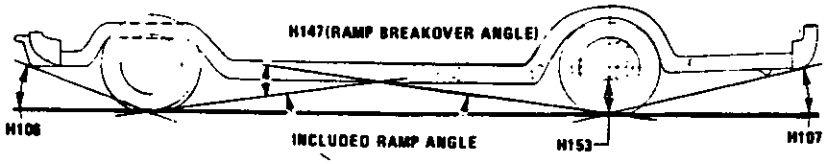
Exterior Width



Exterior Length & Height



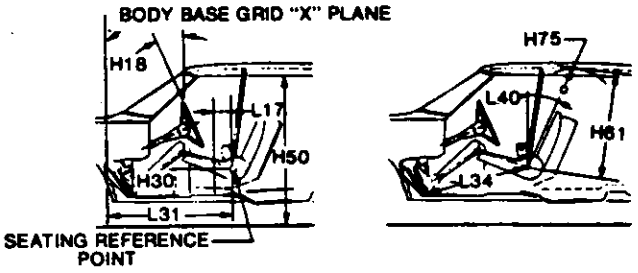
Exterior Ground Clearance



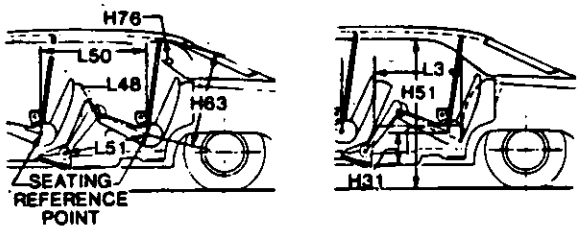
MVMA Specifications Form
Passenger Car
METRIC (U.S. Customary)

Interior Car And Body Dimensions – Key Sheet

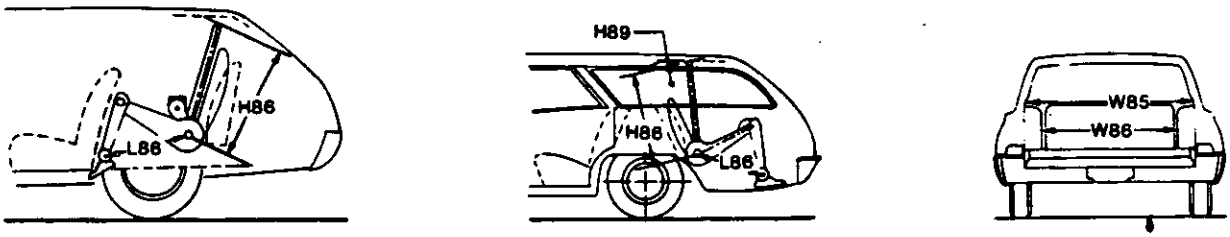
Front Compartment



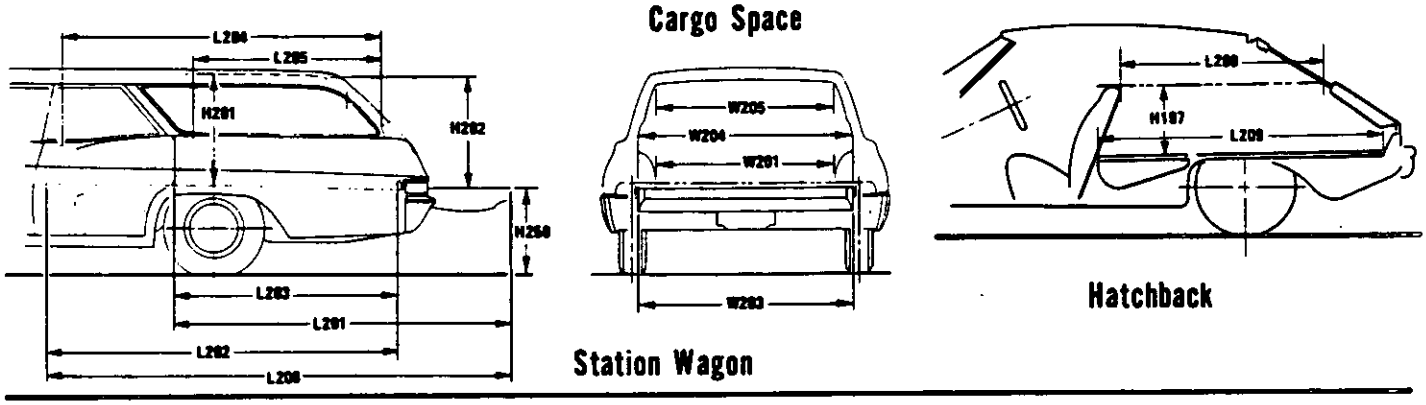
Rear Compartment



Third Seat



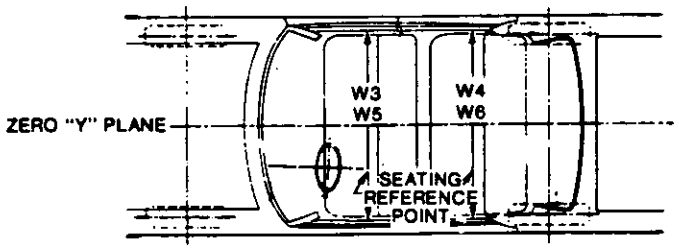
Cargo Space



Station Wagon

Hatchback

Interior Width



MVMA Specifications Form
Passenger Car
METRIC (U.S. Customary)

Exterior Car And Body Dimensions – Key Sheet
Dimensions Definitions

Seating Reference Point

SEATING REFERENCE POINT means the manufacturer's design reference point which –
(a) Establishes the rearmost normal design driving or riding position of each designated seating position in a vehicle;
(b) Has coordinates established relative to the design vehicle structure;
(c) Simulates the position of the pivot center of the human torso and thigh; and
(d) Is the reference point employed to position the two dimensional templates described in SAE Recommended Practice J826, "Manikins for Use in Defining Vehicle Seating Accommodations," November 1962.

Width Dimensions

W101 TREAD–FRONT. The dimension measured between the tire centerlines at the ground.

W102 TREAD–REAR. The dimension measured between the tire centerlines at the ground. In case of dual wheels, the dimension will be measured to the centerline of tire and wheel assemblies.

W103 VEHICLE WIDTH. The maximum dimension measured between the widest point on the vehicle, excluding exterior mirrors, flexible mud flaps, marker lamps, but including bumpers, moldings, sheet metal protrusions or dual wheels, if standard equipment.

W117 BODY WIDTH AT SgRP–FRONT. The dimension measured laterally between the widest points on the body at the SgRP-front, excluding door handles, applied moldings, or appliques.

W120 VEHICLE WIDTH–FRONT DOORS OPEN. The dimension measured between the widest point on the front doors in maximum hold-open position.

W121 VEHICLE WIDTH–REAR DOORS OPEN. The dimension measured between the widest point on the rear doors in maximum hold-open positions. For vehicles with a rear door on only one side, this dimension is to the zero "Y" plane.

W122 TUMBLE HOME. STRAIGHT SIDE GLASS. The angle measured from a vertical to the outside surface of the front door glass at the SgRP "X" plane.
CURVED SIDE GLASS. The angle measured from a vertical to a chord extending from the upper DLO to the lower DLO at the outside surface of the front door glass at the front SgRP "X" plane.

Length Dimensions

L30 FRONT OF DASH "X" COORDINATE. A minus (-) dimension indicates actual front of dash in forward of the zero "X" plane.

L101 WHEELBASE (WB). The dimension measured longitudinally between front and rear wheel centerlines. In case of dual rear axles, the dimension shall be to the midpoint of the centerlines of the rear wheels.

L102 TIRE SIZE. As specified by the manufacturer.

L103 VEHICLE LENGTH. The maximum dimension measured longitudinally between the foremost point and the rearmost point on the vehicle, including bumper, bumper guards, tow hooks and/or rub strips, if standard equipment.

L104 OVERHANG–FRONT. The dimension measured longitudinally from the centerline of the front wheels to the foremost point on the vehicle including bumper, bumper guards, tow hooks and/or rub strips, if standard equipment.

L105 OVERHANG–REAR. The dimension measured longitudinally from the centerline of the rear wheels; or in the case of dual rear axles, the dimension shall be the midpoint of the centerlines of the rear wheels, to the rearmost point on the vehicle, including rear bumpers, bumper guards, tow hooks and rub strips, if standard equipment.

L123 UPPER STRUCTURE LENGTH. The dimension measured longitudinally from the cowl point to the deck point.

L127 REAR WHEEL CENTERLINE "X" COORDINATE or in the case of dual rear axles, the coordinate shall be in the midpoint of the distance between the rear axle centerlines.

L125 COWL POINT "X" COORDINATE.

Height Dimensions

H101 VEHICLE HEIGHT. The dimension measured vertically from the highest point on the vehicle body to ground.

H114 COWL POINT TO GROUND. Measured at zero "Y" plane.

H138 DECK POINT TO GROUND. Measured at zero "Y" plane.

H112 ROCKER PANEL–FRONT TO GROUND. The dimension measured vertically from the foremost point on the bottom of the rocker panels, excluding flanges, to ground.

H132 BOTTOM OF DOOR OPEN–FRONT TO GROUND. The dimension measured vertically from the bottom outside corner of the door on the lock pillar side, in maximum hold-open position, to ground.

H111 ROCKER PANEL–REAR TO GROUND. The dimension measured vertically from the bottom of the rocker or side quarter panel at the front of the rear wheel opening, excluding flanges, to ground.

H134 BOTTOM OF DOOR OPEN–REAR TO GROUND. The dimension measured vertically from the bottom outside corner of the door on the lock pillar side, in maximum hold-open position, to ground.

H135 BOTTOM OF DOOR CLOSED–REAR TO GROUND. The dimension measured vertically from the bottom outside corner of the door on the lock pillar side, in maximum closed position, to ground.

H121 BACKLIGHT SLOPE ANGLE. The angle between the vertical reference line and the surface of backlight at vehicle zero "Y" plane. For curve backlight, the angle is to chord of backlight arc from lower DLO to upper DLO.

H122 WINDSHIELD SLOPE ANGLE. The angle between the vertical reference line and a chord of the windshield are running from the lower DLO to the upper DLO at the vehicle zero "Y" plane. In the case of wrap over glass, the angle to be measured will be formed by a chord 457 mm (18.0 in.) long drawn from the lower DLO to the intersecting point on the windshield.

H127 HEADLAMP TO GROUND–CURB MASS (WT.). The dimension measured vertically from the centerline of the lowest headlamp lens to ground.

H128 TAILLAMP TO GROUND–CURB MASS (WT.). The dimension measured vertically from the centerline of the upper bulb to ground.

Ground Clearance Dimensions

H102 FRONT BUMPER TO GROUND. The minimum dimension measured vertically from the lowest point on the front bumper to ground, including bumper guards, if standard equipment.

H103 FRONT BUMPER TO GROUND CURB MASS (WT.). Measured in the same manner as H104.

H104 REAR BUMPER TO GROUND. The minimum dimension measured vertically from the lowest point on the rear bumper to ground, including bumper guards, if standard equipment.

H105 REAR BUMPER TO GROUND – CURB MASS (WT.). Measured in the same manner as H104.

MVMA Specifications Form
Passenger Car
METRIC (U.S. Customary)

Interior Car And Body Dimensions – Key Sheet
Dimensions Definitions

H106 ANGLE OF APPROACH. The angle measured between a line tangent to the front tire static loaded radius are the initial point of structural interference forward of the front tire to ground. The limiting structural component shall be designated.

H107 ANGLE OF DEPARTURE. The angle measured between a line tangent to the rear tire static loaded radius are the initial point of structural interference rearward of the rear tire to ground. The limiting component shall be designated.

H147 REAR BREAKOVER ANGLE. The angle measured between two lines tangent to the front and rear tire static loaded radius and intersecting at a point on the underside of the vehicle which defines the largest ramp over which the vehicle can roll.

H153 REAR AXLE DIFFERENTIAL TO GROUND. The minimum dimension measured from the rear axle differential to ground.

H156 MINIMUM RUNNING GROUND CLEARANCE. The minimum dimension measured from the sprung vehicle to ground. Specify location.

Front Compartment Dimensions

PD1 PASSENGER DISTRIBUTION–FRONT.

L31 SgRP–FRONT "X" COORDINATED.

H61 EFFECTIVE HEAD ROOM–FRONT. The dimension measured along a line 8 deg. rear of vertical from the SgRP–front to the headlining plus 102 mm (4.0 in.).

H75 EFFECTIVE T-POINT HEAD ROOM–FRONT. The minimum radius from the T-point to the headlining plus 762 mm (30 in.).

L34 MAXIMUM EFFECTIVE LEG ROOM–ACCELERATOR. The dimension measured along a line from the ankle pivot center to the SgRP–front plus 254 mm (10.0 in.) measured with right foot on the undepressed accelerator pedal. For vehicles with SgRP to heel (H30) greater than 18 in., the accelerator pedal may be depressed as specified by the manufacturer. If the accelerator is depressed, the manufacturer shall place foot flat on pedal and note the depression of the pedal.

H30 SgRP–FRONT TO HEEL. The dimension measured vertically from the SgRP–front to the accelerator heel point.

L17 DESIGN H-POINT–FRONT TRAVEL. The dimension measured horizontally between the design H-point–front in the foremost and rearmost seat trace positions.

W3 SHOULDER ROOM–FRONT. The minimum dimension measured laterally between the trimmed surfaces on the "X" plane through the SgRP–front within the belt line and 254 mm (10.0 in.) above the SgRP–front.

W5 HIP ROOM–FRONT. The minimum dimension measured laterally between the trimmed surfaces on the "X" plane through the SgRP–front within 25 mm (1.0 in.) below and 76 mm (3.0 in.) above the SgRP–front and 76 mm (3.0 in.) fore and aft the SgRP–front.

H50 UPPER BODY OPENING TO GROUND–FRONT. The dimension measured vertically from the trimmed body opening to the ground on the SgRP–front "X" plane.

H18 STEERING WHEEL ANGLE. The angle measured from a vertical to the surface plane of the steering wheel.
BACK ANGLE–FRONT. The angle measured between a vertical line through the SgRP–front and the torso line. If the seatback is adjustable, use the normal driving and riding position specified by the manufactuer.

L40 BACK ANGLE–FRONT. The angle measured between a vertical line through the SgRP–front and the torso line. If the seatback is adjustable, use the normal driving and riding position specified by the manufacturer.

Rear Compartment Dimensions

PD2 PASSENGER DISTRIBUTION–SECOND.

L50 SgRP COUBLE DISTANCE. The dimension measured horizontally from the driver SgRP–front to the SgRP–second.

H63 EFFECTIVE HEAD ROOM–SECOND. The dimension measured along a line 8 deg. rear of vertical from the SgRP to the headlining, plus 102 mm (4.0 in.).

H76 EFFECTIVE T-POINT HEAD ROOM–SECOND. Measured in the same manner as H75.

L51 MINIMUM EFFECTIVE LEG ROOM–SECOND. The dimension measured along a line from the ankle pivot center to the SgRP–second plus 254 mm (10.0 in.).

H31 SgRP–SECOND TO HEEL. The dimension measured vertically from the SgRP–second to the two dimensional device heel point on the depressed floor covering.

L48 KNEE CLEARANCE–SECOND. The minimum dimension measured from the knee pivot to the back of front seatback minus 51 mm (2.0 in.).

L3 COMPARTMENT ROOM–SECOND. The dimension measured horizontally from the back of front seat to the front of the second seatback at a height tangent to the top of the second seat cushion.

W4 SHOULDER ROOM–SECOND. The minimum dimension measured laterally between trimmed surfaces on the "X" plane through the SgRP–second within 254-406 mm (10.0-16.0 in.) above the SgRP–second.

W6 HIP ROOM–SECOND. Measured in the same manner as W5.

H51 UPPER BODY OPENING TO GROUND–SECOND. The dimension measured vertically from the trimmed body opening to the ground on the "X" plane 330 mm (13.0 in.) forward of the SgRP–second.

L-41 Same as L-40.

Luggage Compartment Dimensions

V1 USABLE LUGGAGE CAPACITY–Total of volumes of individual pieces of standard luggage set plus H-boxes stowed in the luggage compartment in accordance with the procedure described in paragraph 8.2 of SAE-J1100a.

H195 LIFTOVER HEIGHT. The dimension measured vertically from the luggage compartment lower opening at the zero "Y" plane to ground.

Interior Volumes (EPA Classification)

The Interior Volume Index is listed for each body style except two seaters. The interior volume index estimates the space in a car. It is based on four measurements – head room, shoulder room, hip room, and leg room – for the front and rear seats, plus trunk capacity. The interior volume index is an estimate of the size of the passenger compartment.

The Trunk/Cargo Index is an estimate of the size of the trunk/cargo space. In station wagons and hatchbacks, it is an estimate of the space behind the second seat.

Station Wagon – Third Seat Dimensions

PD3 PASSENGER DIRECTION–THIRD.

W85 SHOULDER ROOM–THIRD. Measured in the same manner as W5.

W86 HIP ROOM–THIRD. Measured in the same manner as W5.

L86 EFFECTIVE LEG ROOM–THIRD. The dimension measured along a line from the ankle pivot center to the SgRP–third plus 254 mm (10.0 in.).

H86 EFFECTIVE HEAD ROOM–THIRD. The dimension, measured along a line 8 deg. from the SgRP–third to the headlining rear of vertical plus a constant of 102 mm (4.0 in.).

H89 EFFECTIVE T-POINT HEAD ROOM–THIRD. Measured in the same manner as H75.

L-88 Same as L-40.

Station Wagon – Cargo Space Dimensions

L200 CARGO LENGTH–OPEN–FRONT. The minimum dimension measured longitudinally from the back of the front

Station wagon – Cargo Space Dimensions (con't.)

seatback at the height of the undepressed floor covering to the rearmost point on the undepressed floor covering on the open tailgate or cargo surface if the rear closure is a conventional door type tailgate, at the zero "Y" plane.

L201 CARGO LENGTH–OPEN–SECOND. The dimension measured longitudinally from the back of the second seatback at the height of the undepressed floor covering on the open tailgate or cargo floor surface if the rear closure is a conventional door type tailgate, at the zero "Y" plane.

L202 CARGO LENGTH–CLOSED–FRONT. The minimum dimension measured horizontally from the back of the front seat at the height of the undepressed floor covering to the rearmost point on the undepressed floor covering on the closed tailgate or taildoor for station wagons, trucks and mpv's at the zero "Y" plane.

L203 CARGO LENGTH–CLOSED–SECOND. The dimension measured horizontally from the back of the second seat at the height of the undepressed floor covering to the rearmost point on the undepressed floor covering on the closed tailgate or taildoor for station wagons, trucks and mpv's at the zero "Y" plane.

L204 CARGO LENGTH AT BELT–FRONT. The minimum dimension measured horizontally from the back of the front seatback at the seatback top to the foremost normal surface of the closed tailgate or inside surface of the cab back panel at the height of the belt, on the zero "Y" plane.

L205 CARGO LENGTH AT BELT–SECOND. The minimum dimension measured horizontally from the back of the second seatback at the seatback top to the foremost normal surface of the closed tailgate at the height of the belt, on the zero "Y" plane.

W201 CARGO WIDTH–WHEELHOUSE. The minimum dimension measured laterally between the trimmed wheelhousings at floor level. For any vehicle not trimmed, measure the sheet metal.

W203 REAR OPENING WIDTH AT FLOOR. The minimum dimension measured laterally between the limiting interferences of the rear door opening at floor level.

W204 REAR OPENING WIDTH AT BELT. The minimum dimension measured laterally between the limiting interferences of the rear opening at belt height or top of pick up box.

W205 REAR OPENING WIDTH ABOVE BELT. The minimum dimension measured laterally between the limiting interferences of the rear opening above the belt height.

H201 CARGO HEIGHT. The dimension measured vertically from the top of the undepressed floor covering to the headlining at the rear wheel "X" coordinated on the zero "Y" plane.

H202 REAR OPENING HEIGHT. The dimension measured vertically from the top of the undepressed floor covering to the upper trimmed opening on the zero "Y" plane with rear door fully open.

H250 TAILGATE TO GROUND (CURB MASS WT.). The dimension measured vertically from the top of the undepressed floor covering on the lowered tailgate to ground on the zero "Y" plane.

V2 STATION WAGON
Measured in inches:

$$\frac{W4 \times H201 \times L204}{1728} = ft.^3$$

Measured in mm:

$$\frac{W4 \times H201 \times L204}{10^9} = m^3 \text{ (cubic meter)}$$

V4 HIDDEN CARGO VOLUME. As specified by the manufacturer.

V10 STATION WAGON (REAR OF SECOND SEAT)
Measured in inches:

$$\frac{W4 \times H201 \times L205}{1728} = ft.^3$$

Measured in mm:

$$\frac{W4 \times H201 \times L205}{10^9} = \text{liters}$$

Hatchback – Cargo Space Dimensions

All hatchback cargo dimensions are to be taken with the front seat in full down and rear position, and the rear seat folded down. The hatchback door is in the closed position. (For electrically adjusted seats, see the manufacturer's specifications for Design "H" Point).

H197 FRONT SEATBACK TO LOAD HEIGHT. The dimension measured vertically from the horizontal tangent to the top of the seatback to the undepressed floor covering.

H198 SECOND SEATBACK TO LOAD FLOOR HEIGHT: The vertical dimension from the horizontal tangent to top of seatback to undepressed floor covering at zero "Y" plane.

L208 CARGO LENGTH AT FRONT SEATBACK HEIGHT. The minimum horizontal dimension from the "X" plane tangent to the rearmost surface of the driver's seatback to the inside limiting interference of the hatchback door on the vehicle zero "Y" plane.

L209 CARGO LENGTH AT FLOOR–FRONT–HATCHBACK. The minimum horizontal dimension measured at floor level from the rear of the front seatback to the normal limiting interference of the hatchback door on the vehicle zero "Y" plane.

L210 CARGO LENGTH AT SECOND SEATBACK HEIGHT–HATCHBACK. The horizontal dimension from the "X" plane tangent to rearmost surface of second seatback or the load floor which is stowed at least one half of the H198 dimension height above the rear load floor, to the rearmost inside limiting interference on the zero "Y" plane.

L211 CARGO LENGTH AT FLOOR–HATCHBACK–SECOND. The horizontal dimension at floor level from the rear of the second seatback or load floor panel to the normal limiting interference of the hatchback door on the vehicle zero "Y" plane.

V3 HATCHBACK.
Measured in inches:

$$\frac{\frac{L208 + L209}{2} \times W4 \times H197}{1728} = ft.^3$$

Measured in mm:

$$\frac{\frac{L208 + L209}{2} \times W4 \times H197}{10^9} = m^3 \text{ (cubic meter)}$$

V11 HATCHBACK (REAR OF SECOND SEAT)
Measured in inches:

$$\frac{W4 \times H198 \times \frac{L210 + L211}{2}}{1728} = ft.^3$$

Measured in mm:

$$\frac{W4 \times H198 \times \frac{L210 + L211}{2}}{10^9} = \text{litres}$$

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Car Line FIERO
Model Year 1985 Issued 9/1/84 Revised (•) _____

FEATURE HIGHLIGHTS

(Manufacturers selected list of special vehicle features;
indicate if new or model year introduced)

BODY:

GT MODEL ADDED, WITH AERO PACKAGE WHICH INCLUDES DISTINCTIVE FRONT FASCIA, SILL EXTENSIONS, AND OPTIONAL REAR DECK SPOILER.
SPACE FRAME CONSTRUCTION WITH BOLT-ON ENDURAFLEX BODY SKIN PANELS.

CHASSIS:

NEW 5-SPEED MANUAL TRANSMISSION STANDARD WITH 2.5L L-4 ENGINE.
MID-ENGINE CONFIGURATION.
MILL-AND-DRILL BODY FOR PRECISE PANEL MOUNTING SYSTEM.
DRIVEABLE CHASSIS.

ENGINE:

2.8L V-6 MULTI-PORT FUEL INJECTION ENGINE STANDARD ON GT, OPTIONAL ON SPORT COUPE AND SE COUPE (NEW).
ROLLER CAM LIFTERS ADDED TO 2.5L L-4 ENGINE.
14" WHEELS AND TIRES STANDARD ON GT, AVAILABLE ON SPORT COUPE AND SE COUPE.

ELECTRICAL:

NEW INSTRUMENT PANEL GRAPHICS, INCLUDING OIL PRESSURE GAUGE (ADDED).
NEW ALL ELECTRONIC "TOUCH CONTROL" RADIO.
HEAD REST MOUNTED RADIO SPEAKERS (WITH STEREO).

OTHER:

COAT HOOKS ADDED.
THREE SUSPENSION LEVELS (WS6 STANDARD ON GT, NOT AVAILABLE ELSEWHERE).