

Specifications Form Passenger Car

1983

METRIC (U.S. Customary)

Manufacturer	Car Line	
PONTIAC MOTOR DIVISION GENERAL MOTORS CORPORATION	2000	
Mailing Address	Model Year	Issued:
ONE PONTIAC PLAZA		10-15-82
PONTIAC, MICHIGAN 48053	1983	Revised (*)

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

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NOTE:

- 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.
- Additional Car and Body Dimensions and/or drawings (based in part on SAE J1100a "Motor Vehicle Dimensions") may be available from the manufacturer.

Car Line 2000

Model Year 1983 Issued 10-15-82 Revised (*)

Car Models

Model Description	Introduction Date	Make, Car Line, Series, Body Type (Mfgr's Model Code)	No. of Designated Seating Positions (Front/Rear)	Max. Truck/Cargo Load—Kilograms (Pounds)
2000			. .	
2-DOOR NOTCHBACK COUPE	9/23/82	2JB27	5 (2/3)	60 (132.3)
4-DOOR STATION WAGON	9/23/82	2JB35	5 (2/3)	40 (88.2)
4-DOOR NOTCHBACK SEDAN	9/23/82	2ЈВ69	5 (2/3)	60 (132.3)
2-DOOR HATCHBACK COUPE	9/23/82	2JB77	5 (2/3)	60 (132.3)
2000 LE				
2-DOOR NOTCHBACK COUPE	9/23/82	2JC27	5 (2/3)	60 (132.3)
4-DOOR STATION WAGON	9/23/82	2JC35	5 (2/3)	40 (88.2)
4-DOOR NOTCHBACK SEDAN	9/23/82	2JC69	5 (2/3)	60 (132.3)
•	•			
2000 S/E				
2-DOOR HATCHBACK COUPE	9/23/82	2JD77	5 (2/3)	60 (132.3)
2-DOOR CONVERTIBLE	JAN. 1983	2 3 C67	4 (2/2)	60 (132.3)

Car Line	2000		
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Power Teams (Indicate whether standard or optional)

SAE Net bhp (brake horsepower) and net torque corrected to 85° F and 29.38 in. Hg atmospheric pressure.

	ENGINE							
SERIES AVAILABILITY	Dispi. Carb. SAE Net at RPM		**************************************	AXLE RATIO				
	Liters (in ³)	(Barreis, Fi, etc.)	Compr. Ratio	kW (bhp)	Torque N - m (lb. ft.)	Exhaust System*	TRANSMISSION	(std. first) (indicate A/C ratio)
STANDARD								
2000 ALL EXCEPT	1.8L L4	EFI		62@ 5200	139@ 2800		м5	3.83
COUPE	LH8			(84@ 5200)	(102@ 2800)		AUTO-125C Opt.	3.18 3.33 (opt.)
COUPE	:	·		•			м5	3.19
OPTIONAL					· <u></u>			\
A11*	2.0L L4 LQ5	EFI	9.3	- 63@ 4800 (88@ 4800)	150@ 2400 (110@ 2400)	,	M4	4.10
-								•
					,			
* Delete Optio	on on all M	lodels 1	xcept	Converti	ble and	S/E.		-
				,				
					·			
	1							1

Car Line 2000

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METRIC (U.S. Customary)

Engine Description/Carb. Engine Code

1.8L L4 (110 CID)	2.0L L4 (121 CID)
ELECTRONIC FUEL INJECTION	ELECTRONIC FUEL INJECTION
RPO LH8	RPO LO5

ENGINE - GENERAL

FINGUE - GEN	CHAL		<u>, </u>
Tues & description (-U M4	In Line	In Line
Type & description (i flat, location, front, m		Front	Front
transverse, longitudinal, etc.)		Transverse, Front of Engine	Transverse, Front of Engine
		Faces Right Side of Vehicle	Faces Right Side of Vehicle
No. of cylinders		:	4
Bore		84.8	89 (3.50)
Stroke		79.5	80 (3.15)
Bore spacing (c/l to	c/l)	93.0	99 (3.90)
Cylinder block mater	ial	Cast Iron	-
Cylinder block deck height		216.0	215.55 (8.49)
Deck clearance (minimum) (above or below block)		(36) Above (.14 Below)	0.15 (.006) Below
Cylinder head material		Aluminum	Cast Iron
Cylinder head volum	e (cm3)	33.33 cm ³	0000
Head gasket thicknet (compressed)	88	1.2mm (.047)	1.1 (.043)
Minimum combustion chamber volume (cm		54.1	45.3 (2.76)
Cyl. no. system	L. Bank	1-2-3-4	
(front to rear)*	A. Bank		
Firing order		1-3-4-2	
Recommended fuel (leaded, unleaded, diesel)		Unleaded	
Fuel antiknock index (R + M)			
2		87	
Total dressed engine	mass (wt) dry**	123.2 (271.6)	

Engine - Pistons

Endura - Liscone				
Material	Cast Alum. Alloy,	Tin or Lead Plated	Aluminum Alloy	-
Mass, g (weight, oz.) - Piston Only	398 +/- 5g	467 (16.5)	

Engine - Camshaft

Location		Overhead Camshaft	In Cylinder Block	
Material (kg., weigh	ıt, (bs.)	Hardened Alloy Cast Iron	Cast Iron	
Mass (kg., weight, i	bs.)	2.696 (5.94)	3.138 (6.92)	
Type of drive	Width	19.0 (.748)	Chain, 19.3 (.76)	
(chain or belt)	Pitch	9.525 (.375)	9.53 (.375)	

^{*} Rear of engine -- drive takeoff. View from drive takeoff end to determine left & right side of engine.

^{**} Dressed engine mass (weight) includes the following:

Car Line		2000
Model Year_	1983	Issued_ 10-15-82Revised (*)

Engine Description/Carb. Engine Code		rb.	1.8L L4 (110 CID) ELECTRONIC FUEL INJECTION RPO LH8	2.0L L4 (121 CID) ELECTRONIC FUEL INJECTION RPO LQ5	
Engles	. Volue 6				
Engine -	· ABIA6 2	~			
Lifters (std.,	opt., n.s.)	Hydraulic	Standard	Standard	
	<u>· </u>	Solid		<u> </u>	
Engine -	Connec	ting Rods			
Material & m	nass (kg., w	eight, (bs.)	QA 11MS65 .760 Kg	Steel	
Engine -	Crankst	naft			
Material (kg., weight, lbs.)		5.)	Nodular Cast Iron	Nodular Cast Iron	
Mass (kg., weight, lbs.)			16.2 (35.71)	12.746 (28.10)	
End thrust taken by bearing (no.)		iring (no.)	3	5	
Engine -	Lubrica	tion System			
Normal oil p	ressure (kP:	a (psi) at engine rpm)	448 (65) @ 2500 RPM	435-530 (63-77) @ 1200 RPM	
Type oil inta	ke (floating	, stationary)	Stationary		
Oil filter sys	tem (full flo	w, part, other)	Full Flow	*	
Capacity of	c/case, less	filter-refill-L (qt.)	3	3.8 (4.0)	
Engine -	Diesel I	nformation			
Glow plug, c	urrent drain	at 0°F			
Injector Type Opening pressure [kPa (psi)]					
		ressure [kPa (psi)]			
Pre-chambe	r design ·	•			
Fuel	Manufacti	irer			
injection pump	Type				
Supplement	ary vacuum	source (type)			

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Engine Description/Carb. Engine Code

1.8L L4 (110 CID)	2.OL L4 (121 CID)
ELECTRONIC FUEL INJECTION	ELECTRONIC FUEL INJECTION
RPO LH8	RPO LO5

Induction type: carburator, fuei		ıei	Fuel Injection	Fuel Injection
injection sys			(Computer Control	(Computer Control)
	Mfgr.		Rochester	Rochester
	Choke (type)			-
Carbur a-	Idle spdrpm	Manual		
tor	(spec. neutral			
	or drive and propane	Automatic		
	if used)			
Idle A/F mix				
	Point of injection	on {no.}	Throttle Body	Throttle Body
Fuel.	Constant, pulse, flow		Pulse	Pulse
injection	Control (electronic, mech.)		Electronic	Electronic
	System pressure [kPa (psi)]		69.0-82.7 (10-12)	68.95-82.74 (10-12)
	fold heat control ermostatic or fixe		Water - Thermostatic	
Air cleaner	Standard		Replaceable Paper Element	
type	Optional			
	Type (elec. or r	nech.)	Electric	Electric
Fuel pump	Location (eng., tank)		Fuel Tank	Fuel Tank
	Pressure range [kPa (psi)]		10.5-12 PSI(Norm. Op. Rng.)	

Capacity (refill L (gallons))		51.5 L (13.6 Gal)	••	
Location (d	iescribe)	Floor Pan Area, Front of Rear Axle		
Attachment	,	Two Straps to Underbody		
Material		Steel		
Filler	Location & material	Rear Quarter Panel Steel		
pipe	Connection to tank	Elastomer Hose		
Fuel line (m	naterial)	Steel (GM 124-M)		
Fuel hose (material)		GM 6163-M Elastomer Hose		
Return line (material)		Steel (GM 124-M)		
Vapor line ((material)	Steel (GM 124-M)		
	Opt., n.a.			
Extended	Capacity [L (gallons)]			
taude Extended	Location & material			
tank	Attachment			
	Opt., n.a.			
	Capacity (L (gallons))			
Auxiliary tank	Location & material			
	Attachment			
	Selector switch or valve			
	Separate-fill			

Car Line	2000	
Model Year_	1983	Issued 10-15-82 Revised (*)

Engine Description/Carb. Engine Code

1.8L (110 CID)	2.0L L4 (121 CID)	-
ELECTRONIC FUEL INJECTION	ELECTRONIC FUEL INJECTION	
RPO_LH8	RPO LOS	_

polant reco	very syste	m (std., opt., n.a.)	Standard	Standard	
Contant fill.location (rad., bottle)		d., bottle)	Bottle	Bottle	
ladiator cap	relief valv	re pressure (kPa (psi))	103.43 (15)	103.4 (15)	
ircula-	Type (choke, bypass)		Choke	Choke	
ion hermostat	Starts to	open at °C (°F)	91 (195°F)	91 (195°F)	
	Type (cer	trifugal, other)	Centrifugal	Centrifugal	
Ī	GPM 100	O pump rpm			
/ater ump	Number o	foumps	One	One	
	Drive (V-t	elt, other)	Cog Belt	V-Belt	
	Bearing (1	(ype)		Sealed, Double Row Ball	
y-pass rec	rculation	type (inter., ext.)]	External-Thru Intake Man.	Internal	
		oss-flow vertical ther) and material]	Cross-Flow	Cross-Flow	
	With heat	er—L(qt.)	7.43	9.0(9.5)-AT,9.9(9.6)-MT	
cooling ystem	With air c	ond.—L(qt.)	7.45	9.04(9.56)-AT,9.14(9.7)-MT	
apacity	Opt. equip	ment (specify-L(qt.))		9.18(9.7) H.D. Radiator	
Vater jackel		th of cyl. (yes, no)	Yes	Yes	
		ier (yes, no)	Yes	Yes	
	•	Width	430	305.0 (12.0)	
		Height	387.5	387.5 (15.25)	
	Standard	Thickness	25	25.0 (.98)	
1		Fins per inch	7.2	7.26	
	A/C	Width	500	430.0 (16.9)	
adiator		Height	387.5	387.5 (15.25)	
		Thickness	25/40	2.50 (.98)	
1		Fins per inch	8.3/7.2	7.26	
		Width	500	430.0 (16.9)	
	Heavy	Height	387.5	387.5 (15.25)	
	duty	Thickness	40	40.2 (1.58)	
		Fins per inch	7.2	7.26	
	Number of blades & type (flex, solid, material)		7 Blade, Electric (See Below)	7 Blade, Electric	
. [Diameter	& projected width			
an standard)	Ratio (fan	to crankshaft rev.)		<u> </u>	
	Fan cutou	it type			
	Drive (typ	e (direct, remote)]			
	Fan shro	ud (material)			
	Diameter	& projected width	280 (HTR), 355 (A/C)	290 (11.42)	
[RPM at idle		1700–1850		
an Mantria\		ing (wattage)	96		
riectric)		itch (type & location)	Thermal - Cylinder Head		
ļ		oint (temp_pressure)	110.5 +/- 3C		
		ud (material)	Glass Filled Nylon	1 2 2 2	
		des and spacing		7 Blade, Electric	
		& projected width		386 (15.20)	
an optional)		to crankshaft rev.)			
	Fan cut-c	out (type)			
	Drive (tvo	e, direct, remote)			

Car Line	_2000	<u> </u>
Model Year_	1983	10-15-82 Revised (*)

Engine Description/Carb. Engine Code				1.8L L4 (110 CID ELECTRONIC FUEL RPO LH8		2.OL L4 (121 C ELECTRONIC FUE RPO LO5	
Vehicle	Emission	Cont	rol			Federal -Manual	Federal -Auto & All Calif
	Type (air injection, engine modifications, other)			3C-TBI, Single B		Air Injection- Computer Cont.	
		Pump	(type)	N/A		Vane	
	1	Driven by				V-Belt	
	Air Injection		istribution 1. manifold, etc.)			Separate Manif	Fold
		Point of entry			·	Exhaust Manife	
Exhaust			(controlled flow, orifice, other)	Back Pressure Mo	dulated	Controlled Flo	
Emission Control	Exhaust Gas	Exha	ust source	Manifold		Exhaust Manifo	•
	Recircula- tion	(spac	of exhaust injection er, carburetor, fold, other)				
		Туре		Intake Manifold	71h - 14	Inlet Manifold	
			per of	PlatPalladium-	Kilodium		lizing & Reducing
	Catalytic		tion(s)	One Forward Under Fl		One Mounted to Und	lanka da
	Converter		ne (L (in3))	160 in ³		2.78 (170)	TELDOGY
			trate type	Alumina		Monolith	
	Type (ventilates to atmosphere, induction system, other)		atmosphere.		cation Sy		
Crankcase Emission	Energy sou vacuum, ca	Energy source (manifold vacuum, carburetor, other)		Manifold Vacuum			
0	Discharges manifold, o		ake	Inta	ke Manifo	ld	
	Air inlet (b	reather	cap, other)			r Cleaner	
	Icrankcase	Vapor vented to		Cani	ster		
Evapora-	canister, of	(her)	Carburetor				
Emission Control	Vapor Storage provision (crankcase, canister, other)		ter, other)				
	1			Cani	ster		
Engine	— Exhau	st Sys	tem				·
Type (single, single with cross-over, dual, other)		Single With Dual	Outlet P	ipes			
Muffler no. & type (reverse flow, straight thru, separate resonator)		One - Reverse Fl	o₩				
Resonator no. & type		None					
Eubaust	Branch	o.d., wal	I thickness				
Exhaust pipe	Main o.d	. wail ti	hickness	44.95; 1.02 min	(1.75)		
	Material			409 Stainless St	eel		
Inter- mediate	O.d. & w.	all thick	thess	50.8, 1.09 min			
pipe	Material)	- -	1009 Aluminum Co.	ated		· · · · · · · · · · · · · · · · · · ·
Tail	0.d. & w		ness	57.15; 1.09 min		· · · · · · · · · · · · · · · · · · ·	
pipe	Material	Material		1009 Aluminum Co	ated		<u>.</u>

Engine Description/Carb. Engine Code

	· · · · · · · · · · · · · · · · · · ·
1.8L L4 (110 CID)	2.0L L4 (121 CID)
ELECTRONIC FUEL INJECTION	ELECTRONIC FUEL INJECTION
RPO LH8	RPO LO5
	

Electrical - Supply System

Battery	Voltage rtg. (V & total plates)	12V		
	Minimum reserve cranking	90 min(a), 115 min(b)	75 min(a), 90 min(b)	
	SAE capacity (amps)	465 (a); 500 (b)	405 (a); 500 (b)	
	Location	LH Front Side of Engine Compartment		
	Type and rating	(c,d,e,f)	(c,e,f)	
Generator or alternator	Ratio (alt. crank/rev.)	c-2.52; d,e,f-2.32	c-2.52; e,f-2.32	
	Optional (type & rating)	(d,e,f)	(c,e,f)	
Regulator	Туре	Integral With Alternator		

Electrical - Starting System

Start. motor	Current drain at 0°F	250-400 Amps @ -20°F		,
Motor drive	Engagement type	Overrunning Clutch	Solenoid	, , , , , , , , , , , , , , , , , , , ,
	Pinion engages from (front, rear)	Front		

- (a) Standard Battery
- (b) Heavy Duty Option Battery
- (c) 56 Amp 12 SI With Heater
- (d) 66 Amp 12 SI With Heater and Heated Backlight
- (e) 78 Amp 12 SI With A/C
- (f) 85 Amp 15 SI Heavy Duty Option With A/C

Car Line	2000		
Model Year_	1983	Issued 10-15-82	Revised (*)

Engine	Description/Carb
Engine	Cade

1.8L L4 (110 CID)	2.0L L4 (121 CID)
ELECTRONIC FUEL INJECTION	ELECTRONIC FUEL INJECTION
RPO LH8	RPO LOS

Electrical - Ignition System

	Conventional (std., opt., n.a.)		Not Available	-
Туре	Transistorized (std., opt., n.a.)		Standard	
	Other (specify)		High Energy Ignition	n (HEI) With Est.
	Make		Delco Remy	
Coil	Model		Remote Mounted from Distributor	
-OII	Current	Engine stopped - A	0.5 max	
	Current	Engine idling — A	5.1	
	Make		AC Spark Plug	• .
	Model		R44xLS	R42 CTS
Spark olug	Thread (mm)		14	M14 x 1.25
	Tightening torque [N-m (lb., ft.)]		20 (15)	9.20 (7-15)
	Gap		0.9 (.035)	.9 (.035)
	Make	•	Delco Remy	Delco Remy
Distributor	Model		1103514	1103515

Electrical - Suppression

Internal alternator capacitor, non-metallic high-tension cables, resistor spark plugs, ignition coil by-pass capacitor, internal AC blower motor

Locations & type by-pass capacitor & A/C compression diode, with radio provisions; hood grounding clip, engine to dash panel ground strap, fuse block capacitor and on "heater only" blower motors and coax capacitor.

Electrical - Instruments and Equipment

Speed-	Туре	Dial With Pointer, MPH Highlighted
ometer	Trip odometer (std., opt., n.a.)	Available On All Models
EGR maintenance indicator		Not Available
Charge	Туре	Tell-Tale Lamp (a)
indicator	Warning.device	Not Available
Temperature	Туре	Tell-Tale Lamp (a)
indicator	Warning device	Not Available
Oil pressure	Туре	Tell-Tale Lamp (a)
indicator	Warning device	Not Available
Fuel indicator	Туре	Electric Gage
	Warning device	
	Type (standard)	Electric 2-Speed
Wind- shield	Type (optional)	Controlled Cycle Wiper System
wiper	Blade length	430 (16.0)
	Swept area [cm ² (in. ²)]	Coupes 4900 (759.7); Sedans & SW 4937 (765.4)
Wind-	Type (standard)	Push Button
shield	Type (optional)	
washer	Fluid level indicator	
Horn	Туре	Vibrator
	Number used	One (Two t/w optional dual horns)

Other

(a) Replaced With Gage Option

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1.8L L4 (110 CID) 2.0L L4 (121 CID) Engine Description/Carb. ELECTRONIC FUEL INJECTION ELECTRONIC FUEL INJECTION **Engine Code** RPO LH8 RPO LO5 **Transmissions** Manual 3-speed (std., opt., n.a.) Not Available Not Available Manual 4-speed (std., opt., n.a.) Not Available (With LH8) Standard Manual 5-speed (std., opt., n.a.) Standard (W/Opt. Ratios Avail Not Available Manual overdrive (std., opt., n.a.) Not Available Not Available Automatic (std., opt., n.a.) Optional Not Available Automatic overdrive (std., opt., n.a.) Not Available Not Available OPT. STD. **Manual Transmission** F/E LEADER Number of forward speeds 5 In first 3.91 3.53 3.91in second 2.15 2.15 1.95 to third .45 1.33 1.24 Transmisin fourth 1.03 . 92 81 sion ratios to fifth 74 74 In overdrive in reverse 3.50 3.50 3.42 All Except Reverse Synchronous meshing (specify gears) All Forward Gears Shift lever location Floor Floor Capacity [L (pt.)] 2.55L Type recommended ATF Dexron II Lubricant Summer SAE viscosity Winter number Extreme cold Clutch (Manual Transmission) Make & type Daikin Dry Disc Borg & Beck Type pressure plate springs Belleville Spring Diaphragm Total spring load [N (lb.)] 5516 (1240) 470 Kg (1070 LBS) No. of clutch driven discs One. One Material Woven Molded Asbestos Molded Type Asbestos Manufacturer Daikin Borg & Beck Part number 14049775 94253238 Rivets/plate 16 36 Rivet size 5 mm $143 \times .213$ Clutch facing Outside & inside dia. 215mm/154mm 203.2x152.4 (8.0x6.0) Total eff. area [cm2(in.2)] 176.79 cm^2 142 (22.0) Thickness 8.6 + / - .3mm8.128 (.320) Engagement cushion method Drive Plate Wave Spoke Springs Type & method Release of Jubrication hearing Ball Thrust - Pre-Packed and Sealed Method: springs, Torsional damping triction material Coil Springs and Metal to Metal Stops

Car Line	2000	
	1983	10 15 92
Model Year	1,500	Issued 10-15-82 Revised (*)

			1.8L L4 (110 CID)	2.0L L4 (121 CID)	
Engine Desc Engine Code) .	ELECTRONIC FUEL INJECTION	ELECTRONIC FUEL INJECTION	
			RPO LH8	RPO LO5	
Automatic	Transmi	ssion			
Trade name			Turbo Hydramatic	Not Available	
Type (describe)					
			3-Speed With Torque Converter	Not Available	
Selector	Location		Floor With Console	_	
	Ltr./No. de	signation			
	A	-	2.07		
Gear	D		2.84; 1.60; 1.0		
ratios	L ₃		Not Available		
	L ₂	······	2.84; 1.60	<u> </u>	
	L ₁		2.84		
		re range [km/h (mph)]	71 MPH		
		drive range (km/h (mph)			
Min. overdriv			Not Available	<u> </u>	
	Number of		Three		
Torque	Max. ratio		2.38		
converter		oling (air, liquid)	Liquid		
	Nominal d	ameter	245mm ·		
Lubricant	Capacity I	refill L (pt.)]	5.5L (5L Represents Pan Drain		
Type recommended		mmended	GM Dexron II		
Special transmission features			Torque Converter Clutch	•	
Axie or Fr	ont Whe	el Drive Unit			
Type (front, r	ear)		Front		
Description			Integral With Transmission	·	
Limited slip	differential	(type)	None		
Drive pinion	offset		Not Available		
Drive pinion	(type)		Not Available		
No. of differe	ntial pinion	5	2		
Pinion adjus	tment (shim	, other)	Not Available		
Pinion bearing	ng adj. (shin	n, other)	Not Available		
Driving whee			Integral Double Row Ball Bearing		
	Capacity	L (pt.))	Not Available (Part of Transm		
		mmended	ATF Dexron II		
Lubricant		Summer			
G	SAE vis- cosity	Winter		•	
•	number	Extreme cold			
	!	Zanomo doro	STD.	OPT. (F/E LEADER)	
Axle or To	ansaxle	Ratio and Tooth Co	mbinations (See "Power Teams" for axle ratio usa		
Axle ratio or			2.83 (in 5th Gear)	2.36 (in 5th Gear)	
No. of	Pinion		Not Applicable - Uses Planetar		
teeth	Ring gear	or gear	Not Applicable - Uses Planeta		
Ring gear o.		 	Not Available	J. State Sta	
	Transfer 9	pear ratio	N/A for MT; 1.12 AT; 1.0 AT (A	Altitude & Performance)	
Transaxie	Final drive		3.83 MT; 3.33 AT (opt.):	3.19 MT, 2.84 AT 3 18 AT	

Car Line	2000		
Model Year	1983	_lssued10-15-82	_Revised (*)

Engine Description/Carb. Engine Code

ELECTRONIC FUEL INJECTION EL	.OL L4 (121 CID) LECTRONIC FUEL INJECTION RPO 105
------------------------------	---

Axle Shafts - Front Wheel Drive

Number used			Two	
Type (straight, solid bar, tubular, etc.) Right		Left	Straight Solid Bar	
		Right	Straight Solid Bar (a)	
Outer	Manual tras	Manual transmission		23.8 x 352.95(0.937 x 13.90) 23.8 x 320.8 (0.937 x 12.63)
	(Ma.1021 (12.			23.8 x 698.40(0.937 x 27.50) 23.8 x 320.8 (0.937 x 12.63)
diam. x length * x	Automotic	ransmission	Left	23.8 x 341.90(0.937 x 13.46) 23.8 x 320.8 (0.937 x 12.63)
wali thick- ness	Automatic	ransmission	Right	23.8 x395.2(0.937 x 15.56) 23.8 x 363.0 (0.937 x 14.29)
	Optional tra	nemiesion	Left	<u> </u>
	Optional		Right	
	Туре			None
Slip yoke	Number of teeth			None
	Spline o.d.			None
-	Make and	min na	Inner	Saginaw
	Make and	nig. no.	Outer	Saginaw
	Number us	ed		Two On Each Drive Shaft
			Inner	TRI-POT 61mm Plunge 63 mm
Universal	Type, size,	plunge	Outer	Rzeppa - Fixed
joints	Attach (u-t	olt, clamp, e	tc.}	Snap Ring
		Type (plair anti-frictio		Not Available
	Bearing Lubric, (fitt prepack)		ting,	Not Available
Drive taken through (torque tube, arms or springs)			MacPherson Strut Wishbone Lower Control Arm	
Torque taken through (torque tube, arms or springs)			Engine Mounting System	

⁽a) Tubular RH Shaft With Manual Transmission *Centerline to centerline of universal joints, or to centerline of attachment.

Car Line	2000		
Model Year	1983	sued 10-15-82	Revised (*)

		-			
Engine Description/Carb. Engine Code			All		
Tires #	and Wheels (Standard)	All Models (Exc. SE)	SE Only	
	Size (load range		P175/80R13	P195/70k13	
	Type (bias, radi		Glass Belted Radial	Steel Belted Radial	
	Inflation	1	Glass beiteu Radial	Steel belted Radial	
Tires	pressure (cold) for recommended	Front [kPa (psi)]	240 (35)	240 (35)	
	max. vehicle load	Rear [kPa (psi)]	240 (35)	240 (35)	
	Rev./mile-at 70) km/h (45 mph)	893	878	
	Type & material		Disc Steel	Cast Aluminum	
	Rim (size & flan	ge type)	13x5JB	13x5.5JB	
Wheels	Wheel offset		49 mm		
		Type (bolt or stud)	Stud		
	Attachment	Circle diameter	100mm		
		Number & size	5, Ml2 x 1.5		
Spare	Tire and wheel other describe)	(same, if	14x4 Compact Wheel	P115/70D14	
	Storage position (describe)	& location	·		
	and Wheels (Optional)			
Size (load range, ply)			P195/80R13 (Required With Handling Package Y99)		
Type (bias, radial, etc.)			Steel Belt Radial		
Wheel (type & material)			Disc, Steel		
Rim (size	. flange type and	offset)	13x5.5JB		
Size (loa	d range, ply)				
Type (bias, radial, etc.)				·	
Wheel (type & material)					
Rim (size, flange type and offset)		offset)			
Size (load range, ply)					
Type (bi	as, radial, etc.)				
Wheel'(t	ype & materiall			1 1 2 2	
Rim (size	e. flange type and	offset)			
Size (loa	d range, plyl				
Type (bia	as. radial, etc.)				
Wheel (t	ype & material)				
Rim (size	e. 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)		cribe /or wheel			
	- Parking	·		·	
Type of control			Hand Lever		
Location of control			Between Front Seats		
Operates	on		Rear Service Brakes		
if sepa-	Type (inter	nai or external)			
rate from	Drum diam	eter			
service brakes Lining size (length x width x thickness)					

Car Line	2000	
Model Year	1983	Issued 10-15-82 Revised (*)

Body Type And/Or Engine Displacement	All	
		_

Brakes -	– Serv	ice				
Description	1		-			
Beaks beas			Front (disc or	drum)	Disc	
Brake type (std., opt., n			Rear (disc or o		Drum	
Self-adjust	ing (std.	opt., n.a.)			Standard	
Special valving	Туре (р	roportion	, delay, metering	, other)	Integral Proportioning - Diagonal Split	
Power brak	e (std., o	pt., n.a.)			Standard	
Booster typ	e (remot	e, integra	i, vac., hyd., etc.)	200 Tandem Delco Moraine (Vacuum Suspended)	
Anti-skid d	evice typ	e (std., o	pt., n.a.)			
Effective as	rea (cm²	(in. ²)}*	· · · · · · · · · · · · · · · · · · ·		309 (47,9)	
Gross linin	g area (c	m²(in.²)}	••		381 (59.1)	
Swept area	[cm²(in	21] ***			1624 (251.8)	
·		•		F	247mm (9.72)	
ł	Outer w	orking di	ameter	R		
ļ			. <u></u>	F		
_	Inner w	orking di	ameter	R		
Rotor				F	12.7mm and 22mm	
	Thickne	88		R	LETTING GITE SEAM	
				F	Cast Iron Vented	
Ī	Materia	i & type (vented/solid)	R	Gast 1101 Vented	
	D:	-		F	200 x 45 (7.87 x 1.77)	
Orum		Diameter		A	200 X 43 (7.07 X 1.77)	
	Type and material		1	Cast Iron		
Wheel cyl-	Front				57mm (2.24)	
nder bore	Rear				16 (.63) Exc. Wagon; 17.5 (.69) Wagon	
Master	Bore				22.2 (.866)	
cylinder	Stroke				31.8 (1.25)	
Pedal arc r					3.9:1	
		5 N (100	ib.) pedal load	kPa (psi))		
Lining	Front	•			Self-Adjusting	
clearance per shoe	Rear				Self-Adjusting	
		Bonded or riveted (rivets/seg.)		5/5eg.)	Bonded Outboard, Riveted Inboard	
		Rivet siz		- -	7.92 x 5.33 (0.31 x .21)	
		Manutai	cturer		Delco Moraine	
		Lining c	ode		122 FE	
	Front wheel	Material			Semi-Metallic	
		****	Primary or out-	board	116.7 x 54.7 x 10.92 (4.594 x 2.157 x .430)	
		Size	Secondary or in		116.7 x 34.7 x 10.92 (4.394 x 2.137 x .430) 125 x 59 x 10.2 (4.92 x 2.32 x 0.4)	
Brake			ickness (no linir		4.72 Inboard; 3.14 Outboard (.186 I.B., 0.123 O.B.)	
lining			or riveted (rivet		Riveted	
		Manufai			Inland	
		Lining o			235 FE	
	Rear	Materia			Semi-Metallic	
ļ	wheel	****	Primary or out-	hoard	167.7 x 43.9 x 3.8 (6.60 x 1.73 x .15)	
_		l .	· · · · · · · · · · · · · · · · · · ·		TO: 1: 2 -2: 1 2: 0 (0:00 V T: 12 V : T2)	
_		Size	Secondary or it	n-hoard	167.7 x 43.9 x 4.81 (6.60 x 1.73 x .19)	

^{*} 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 thickness.

Car Line	2000	
Model Year	1983	Issued 10-15-82 Revised (*)

Body Type And/Or Engine Displacement			ALL	
Steering				
Manual (sto	i., opt., n.a.)			Std. Exc. JD77
Power (std.,	, opt., n.a.)			Opt. (Std. JD77)
Adjustable steering wh	isel	Type and description		Tilt
(tilt, swing,	other)	(Std., opt., n.:	s.)	Optional
Wheel diam		Manuai		375 (14.8 in)
TTIBEL GIBIC		Power		375 (14.8 in)
	Outside	Wall to wall	(l. & r.)	
Turning	front	Curb to curb	(f. & r.)	10.59 (34.74 FT)
diameter m (ft.)	Inside	Wall to wall	(t. & r.)	49.50
	rear	Curb to curb	(l. & r.)	
-	Ţ	Туре		Rack and Pinion
		Make		Saginaw Steering Gear
Manual	Gear	Ratios	Gear	
			Overall	22:1
ļ	No. whee	tums (stop t	o stop)	4.04
	Type (co	axial, linkage.	etc.)	Rack and Pinion With Integral Power Unit
-	Make	Make		Saginaw Steering Gear
		Туре		Rack and Pinion
Power	Gear	_	Gear	
		Ratios	Overall	16:1, Opt. 14:1
	Pump (dr	Pump (drive)		Belt From Engine Crank
	No. wheel turns (stop to stop)		o stop)	2.88
	Туре	ype		Center Take-Off From Ring and Pinion Gear
Linkage	Location of wheels	(front or rear s, other)	· · ·	Rear
	Drag link	s (trans. or lo	ngit.)	None
	Tie rods	(one-or two)		Two Tie Rods
	Inclination	n at camber (deg.)	I3.5°
Steering		Upper	_	Ball Bearing
axis	Bearings (type)	Lower	-	Ball Joint
	1.750,	Thrust		
Steering st	pindle & joi	nt type		
	Dia	Inner bearin	19	
Wheel	Diameter	Outer bearing	ng	
spindle	Thread	(size)		M20 x 1.5
	Bearing	(type)		Integral Double Row Ball, Permanently Lubricated

Car Line	2000	
Model Year	1983	Issued 10-15-82 Revised (*)

Body Type / Engine Disp			Al1
Wheel Ali	gnment		V. Adiugtohlo
	1	Caster (deg.)	Not Adjustable
	Service checking	Camber (deg.)	+.60° +/50°
		Toe-in [outside track-mm (in.)]	.125° Toe-Out +/125° Per Wheel
Front		Caster	Not Adjustable
wheel at	Service	Camber	+.600 +/500
curb mass (wt.)	reset	Toe-in	.125° Toe-Out +/125° Per Wheel
	Periodic	Caster	Not Adjustable
	M.V. in-	Camber	
	spection	Toe-in	
	Service	Camber (deg.)	
	checking	Toe-in (outside track-mm (in.))	
Rear wheel at	Service	Camber	
curb mass	reset*	Toe-in	
(wt.)	Periodic	Camber .	
	M.V. in- spection	Toe-in	

^{*} Indicates pre-set, adjustable, trend set or other.

Car Line 2000

Model Year 1983 Issued 10-15-82 Revised (*)

METRIC (U.S. Customary) Body Type And/Or **Engine Displacement** A11 Suspension - General Std./opt./n.a. None Car Type (air, hyd., etc.) leveling Manual/auto, controlled Provision for brake dip control Front Suspension Geometry Provision for acci. squat control Rear Suspension Geometry Special provisions for car jacking Body Pickup at Rocker Panels Type MacPherson Strut-Front; Double Acting Hydraulic-Rear Shock absorber Make Delco (front & Piston diameter rear) Other special features Suspension — Front Type and description MacPherson Strut Design Full jounce 92 From Design (3.62) Travel 86 From Design (3.39) Full rebound Type (coil, leaf, other) Coil Material Stee1 Spring Size (coil design height & i.d., $406.6 \times 139.0 \times 2932 \times 12.9$ bar length x dia.) (16.0 x 5.47 x 115.4 x .5) Base Spring* Spring rate [N/mm (lb./in.)] 16 (91) Rate at wheel (N/mm (lb./in.)) 15.3 (87.4) Type (link, linkless, frameless) Stabilizer Link Material & bar diameter Steel. 22mm (.87) Suspension - Rear Type and description Compound Crank Twist Axle Drive and torque taken through Front Suspension Full jounce 137mm From Curb (5.39) Travel Full rebound 68mm From Curb (2.68) Type (coil, leaf, other) Coil - Conical Material <u>Steel SAE 5160</u> Size (length x width, coil design $290.0 \times 105.0 \times 2626 \times 13.6$ height & i.d., bar length & dia.) (11.42 x 4.13 x 103.4 x .54) Base Spring* Spring rate [N/mm (tb./in.)] Spring Variable (Curb/Full Rated Load) 23/39 Rate at wheel [N/mm (lb./in.)] Variable (Curb/Full Rated Load) 12.5/20.7 Mounting insulation (type) Rubber Cushion No. of leaves Shackle (comp. or tens.)

<u>Linkless</u>

SAE 1070

None

Track bar (type)

Stabilizer

Type (link, linkless, frameless)

Material & bar diameter

^{*}All Springs are Computer Selected for Correct Spring Rate and Load

Car Line	2000	
Model Year 1983	Issued_10-15-	82 Revised (*)

		,	<u></u>		
Body Type	•		A11		
Body –	Miscellaneous	Information			
	ish (lacquer, enam		Acrylic Lacquer		
	Hinge location (Rear		
Hood	Type (counterby		Prop Rod		
		(internal, external)	Internal		
	Type (counterba		Counter Balance - Torque Rod		
Trunk lid		control (elec., mech., n.a.)	Option - Electric		
	Bar material & n		Steel and Urethane		
Bumper front		material & mass (wt.)	Steel Steel		
	Bar material & r				
Bumper		material & mass (wt.)	······································		
	ow control (crank,	Front			
friction, piv	or bowell	Rear			
_		Front	Molded Foam Pad		
Seat cushi	on type	Rear	Molded Foam Pad		
		3rd seat			
		Front	Molded Foam Pad		
Seat back	type	Rear	Molded Foam Pad		
		3rd seat			
Vehicle ide	Vehicle ident. no. location		L.H. Corner - Front Edge of Instrument Panel Visible Thru Windshield		
	Restraint Syst	em	Not Available		
inflatable restraint system	Type of charging system	п			
	Location (stg. whl., instru. panel, other)				
	Standard/ optional	·	Not Available		
Passive .	Power/ manual				
beits	2 or 3 point				
	Knee bar/ lap belt				
Frame					
	escription (separa me, partially-unitiz		Unitized Frame		

Car Line	2000		
Model Year_	1983	Issued 10-15-82	_Revised (*)

Body Type		All			
Conveni	ence Equipment				
	Side windows	Optional			
Power windows	Vent windows	None .			
	Backlight or tailgate	Not Available			
Power seat	s (specify type as lability)	Optional, Six-Way Power Seat - Driver			
Rectining fr	ont seat back (r-I or both)	Standard - Both			
Radio (spec	ify type as ilability)	Std. AM, Optional AM/FM, AM/FM Stereo-Cassette			
Premium so	ound system (specify)	Included T/W Stereo Radios. Includes Dual Front and Rear Acoustically Matched Response Speakers			
Rear şeat s	peaker	Optional AM/FM Only; Standard With Stereo			
Power ante	nna	Not Available			
Clock		Standard, Digital Display All Models			
	ner (specify type)	Manual Temperature Controls			
Speed cont		Not Available			
Ignition loca	· · · · · · · · · · · · · · · · · · ·	Optional			
Dome lamp	(igtilp	Not Available Standard			
· · · · ·	artment lamp	Optional			
	mpartment lamp	Optional			
Underhood		Not Available			
Courtesy la	тр	Optional			
Map lamp	· · · · · · · · · · · · · · · · · · ·	Not Available			
Cornering is	amp	Not Available			
Rear windo electrically		Optional			
Rear windo	w defogger	Not Available			
T-bar roof	(describe)	Not Available			
Sun roof (d	escribe)	Optional - Vista Vent			
Theft prote	ction-type	Lock Mounted on Steering Column: Locks Steering Wheel,			
		Automatic Transmission Shift Levers and Ignition			
	tch Wiper/Wsh.	Optional			
	d Release	Optional			
rower I	Oor Locks	Optional			
•					

MVMA	Spe	cifications	Form
Passen	ger	Car	

Car Line	2000			
Model Year_	1983	Issued 10-15-82	Revised (a)	

FEATURE HIGHLIGHTS

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

BODY:						
·						
-						
CHASSIS:						
·						
		•	••	٠		
ENGINE:			···-			
						•
	•	. ,			·	
ELECTRICAL:	,		.=			
		-				
					,	
OTHER:		· · · · · · · · · · · · · · · · · · ·	-	.		

Car Line	20	00	
Model Year	1983	lssued_10-15-82	Revised (*)

			<u> </u>	V	ehicle M	phicle Mass (weight)			
<u> </u>	 ·	CUR	B MASS, kg	. (weight, lb.) *	*	PASS. MA	SS DISTRIBL	JTION	
Model			T .		Pass	in Front	Pass in	n Rear	SHIPPING MASS. kg.
		Front	Rear	Total	Front	Rear	Front	Rear	MASS, kg. (weight, lb.)**
2000				ļ	-				
2-DOOR NOTCHBACK		 							
COUPE	2JB27	689_4	377.8	1067_2	48.1	51.9	20.2	79.8	10/1.4
4-DOOR STATION		 		<u> </u>	-			 	
WAGON	2JB35	691.6	436.6	1128.2	48.1	51.9	20_2	79.8	1102_4
4-DOOR NOTCHBACK	- ·	 			+		 		
SEDAN SEDAN	2JB69	695.9	398.3	1094.2	481	51.9	20.2	79_8	1068.4
2-DOOR HATCHBACK			<u> </u>						
COUPE	2JB77	686.3	408.3	1094-6	48.1	51.9	20-2	79.8	1068.9
2000 7 11	·	-							
2000 LE									
2-DOOR NOTCHBACK						Ţ	ļ		
COUPE	2JC27	681.5	400.3	1081.8	48.1	51.9	20.2	79.8	1056.0
4-DOOR STATION									
WAGON	2JC35	696.1	639.4	1135.5	48.1	51.9	20.2	79.8	1109.7.
4-DOOR NOTCHBACK									
SEDAN	2JC69	702.8	402.3	1105.1	48.1	51.9	20.2	79.8	1079_3
2000 S/E				,					
								[
2-DOOR HATCHBACK COUPE	2JD77	700.4	120.2	1120.6	48.1	51.9	20.2	79.8	1094.8
COUPE	23077	1700.4	\$20.2	1120.6	40.1	131.9	120.2	79.8	1094.0
2-DOOR CONVERTIBLE		716.3	423.6	1139.9	48.1	51.9	20.2	79.8	1114.1
							<u></u>	 	
	· 		<u> </u>	<u>. </u>			╁	<u> </u>	
			_		 	 	+	 	<u></u>
									
			 	 		 	+		
				ļ					
	-		 	 -	+	-	 -	 	
<u> </u>								1	<u>. </u>

^{*} Reference — SAE J1100a, Motor vehicle dimensiona, curb weight definition. ** Shipping mass (weight) definition —

Car Line	2000		
Model Year	1983	_Issued_10-15-82	_Revised (*)

		Op	tional Equip	oment Differential Mass (weight)*
	MASS, kg. (weight, lb.)			<u> </u>
Equipment	Front	Rear	Total	Remarks
Air Conditioning + LO5	29.70	-3.90	25.80	
(C60) + LH8	26.02	-3,42	22.60	
Battery, H.D. + LO5	6.06	76	5.30	
(UA1) + LH8	2.96		2.58	
Cruise Control (K35)	2.50		2.50	
Luggage Carrier, Roof				
(V55)	2.24	2.26	4.50	Station Wagon Only
Luggage Rack - Rear Deck				-
Lid (V58)	48	2.86	2.38	All Exc. SW and Hatchbacks
Power Door Locks - 2-Dr.	.68	1.12	1.80	
(AU3) - 4-Dr.	1.06	1.94	3.00	
Power Seat Driver 6-Way	1.78	1.92	3.70	
(AC3)				
Power Windows - 2-Dr.	2.04	1.46	3.50	· · · · · · · · · · · · · · · · · · ·
(A31) $-4-Dr$.	2.74	1.96	4.71	
U63/UL6 AM Radio	1.48	.52	200	
ULI Radio - AM/FM	1.70	-60	2.30	
UU7/UU9 Radio	2.72	. 48	3.20	
UU6 Radio	2.98	.52	3.50	
Seats - Lear Siegler				
Adj. Custom Bucket (AQ9)	2.88	3,13	6.01	
Sunroof, Removable Glass	2.64	2.96	5.60	
(AO3)	2,04		5100	
Rear Window Wiper/Washer				
(C25) - JB35	54	3.04	2.50	
- JB77	76	4.26	3.50	
Power Steering (N40)	7.32	.18	7.50	
Acoustic Package (BS1)				
- JB27	3.58	4.82	8.40	
- JB77	2.60	3.50	6.10	
- JB69	3.20	4.30	7.50	
- JB35	2.56	3.44	6.00	
Louvered Sunshield	76	8.26	7.50	JB77
2.0L Engine (LQ5) + C41	-2.62	.22	-2.40	1
+ C60	-4.58	.38	-4.20	
3-Speed Auto. Trans. (MM4)	, , , , ,			
+ LH8	23.48	-2.68	20.80	· · · · · · · · · · · · · · · · · · ·
+LQ5		-2.74	21.30	
4-Speed Manual Trans. (MM4)	-4.96		-4.40	
P195 Tires	3.62	6.78	10.40	
			20,70	<u> </u>
				<u> </u>
				
		<u> </u>		<u> </u>

^{*} Also see Engine — General Section for dressed engine mass (weight).

Car Line 2000

Model Year 1983 Issued 10-15-82 Revised (*)

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	Ref. No.	2JB27	2JB35	2JB69	2JB77			
Width			<u> </u>		· • *			
Tread (front)	W101	N101 1406						
Tread (rear)	W102		1401					
Vehicle width	W103	1675	168		1692			
Body width at Sg RP (front)	W117		165		1074			
Vehicle width (front doors open)	W120	3684	321		3684			
Vehicle width (rear doors open)	W121		283					
Length								
Wheelbase	L101		257	71				
Vehicle length	L103	4412	4466	4463	4412			
Overhang (front)	L104		93		77±4			
Overhang (rear)	L105	903	958 T	954	903			
Upper structure length	L123	2336	2924	2365	2799			
Rear wheel C/L "X" coordinate	L127		235		=,,,			
Cowl point "X" coordinate	L125	247	24		247			
Height*	l no. s a		0./		•			
Passenger distribution (frt./rear)	PD1.2.3	- -	2/					
Trunk/cargo load	112.02	1010	0					
Vehicle height	H101	1312 940	1374	1362	1312			
Cowl point to ground	H114	943	946	941	940			
Deck point to ground	H138	214		948	943			
Rocker panel-front to ground	H112	282	220	214				
Bottom of door closed-front to grd.	H133		294	283	282			
Rocker panel-rear to ground	H111	208	211	208				
Bottom of door closed-rear to grd.	H135	-	299	283	-			
Ground Clearance*								
Front bumper to ground	H102	340	338	340	340			
Rear bumper to ground	H104	333	355	332	333			
Bumper to ground (front at curb mass (wt.)]	H1 03	363	362	363				
Bumper to ground [rear at curb mass (wt.)]	H105	367	. 385	367	•			
Angle of approach @GVW	H106	20.50	19.90	20.5				
Angle of departure @GVW	H107	18.1°	19.50	· 18.1				
Ramp breakover angle@GVW	H147	14.40	16.10	14.4				
Rear axle differential to ground	H153		NOT AP	PLICABLE				
Min. running ground clearance	H156	·	15					
Location of min. run. grd. clear.				SUSPENSION CRAD	T.E			

All linear dimensions are in millimeters (inches) and all mass (weight) specifications are in kilograms (pounds).

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

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Model Year 1983 Issued 10-15-82 Revised (*)

METRIC (U.S. Customary)

Car and Body Dimensions See Key Sheets for definitions

SAE			1			
Ref. No.	2JB27	2ЈВ35	2JB69	2ЈВ77		
L31		1113				
H61	957	976	979	955		
L34	1070	107	2	1070		
Н30	234	25	6	•		
L17		19	2			
W3		136	3			
W5	1248	124	1	1248		
H50	1207	1246	1236	1207		
нтв		2	0.00			
L40		2	5.00			
	•		· · · ·	· · · · · · · · · · · · · · · · · · ·		
L50	720	743	758 . 1	715		
L50 H63	720	741 984	758 961	715		
	927	984	961	926		
H63	927 792	984 840	961 871	926 785		
H63	927 792 259	984 840	961 871 271	926		
H63 L51 H31	927 792	984 840 9	961 871 271 18	926 785 254 -21		
H63 L51 H31 L48	927 792 259 -20 630	984 840 9 5 660	961 871 271 18 654	926 785 254		
H63 L51 H31 L48 L3	927 792 259 -20	984 840 9	961 871 271 18 654	926 785 254 -21 623		
	H61 L34 H30 L17 W3 W5 H50	H61 957 L34 1070 H30 234 L17 W3 W5 1248 H50 1207 H18	H61 957 976 L34 1070 107 H30 234 25 L17 19 W3 136 W5 1248 124 H50 1207 1246 H18 2	H61 957 976 979 L34 1070 1072 H30 234 256 L17 192 W3 1363 W5 1248 1241 H50 1207 1246 1236 H18 20.00		

All linear dimensions are in millimeters (inches).

Car Line	2000		
Model Year	1983	Issued 10-15-82	Revised (*)

METRIC (U.S. Customary)

Car and Body Dimensions See Key Sheets for definitions

Station Wagon - Third Seat			
Shoulder room W85	Body Type	Ref.	2JB35
Hip room	Station Wagon - Third Seat	:	
Effective leg room	Shoulder room	W85	
Effective head room H86 Effective T-point head room H89 Seat facing direction SD1 Station Wagon — Cargo Space Cargo length (open front) L200 Cargo length (open second) L201 Cargo length (closed front) L202 1,709 Cargo length (closed second) L203 980 Cargo length (closed second) L203 980 Cargo length (closed second) L204 1,581 Cargo length at belt (front) L204 1,581 Cargo length at belt (second) L205 837 Cargo length at belt (second) L205 1,394 Rear opening width at floor W203 1,226 Opening width at floor W203 1,226 Opening width at belt W204 1,206 Max. rear opening width above belt W205 970 Cargo height H201 846 Rear opening height H202 764 Tailgate to ground height H202 764 Tailgate to ground height H205 549 Front seat back to load floor height H197 Cargo volume index (m³(t;3)) V4 Hatchback — Cargo Space 2JB77 Cargo length at front seat back to load floor height H197 595 Cargo length at front seat back to load floor height L208 1,208 Cargo volume index (m³(t;3)) V3 1,089	Hip room	w86	
Station Wagon — Cargo Space	Effective leg room	L86	
Station Sp1	Effective head room	н86	
Station Wagon - Cargo Space	Effective T-point head room	Н89	
Cargo length (open front)	Seat facing direction	SD1	· · · · · · · · · · · · · · · · · · ·
Cargo length (open second)		ice	
Cargo length (closed front) L202 1709 Cargo length (closed second) L203 980 Cargo length at belt (front) L204 1581 Cargo length at belt (second) L205 837 Cargo width (wheelhouse) W201 944 Rear opening width at floor W203 1226 Opening width at belt W204 1206 Max. rear opening width above belt W205 970 Cargo height H201 846 Rear opening height H202 764 Tailgate to ground height H250 549 Front seat back to load floor height H197 1824 Hidden cargo volume index (m3(t;3)) V4 V4 Hatchback — Cargo Space 2JB77 Front seat back to load floor height H197 595 Cargo length at front seat back height L208 1124 Cargo length at floor (front) L208 1621 Cargo length at floor (front) L209 1621 Cargo volume index (m3(t;3)) V3 1089			
Cargo length (closed second) L203 980		L201	
Cargo length at belt (front) L204 1581 Cargo length at belt (second) L205 837 Cargo width (wheelhouse) W201 944 Rear opening width at floor W203 1226 Opening width at belt W204 1206 Max. rear opening width above belt W205 970 Cargo neight H201 846 Rear opening height H202 764 Failgate to ground height H250 549 Front seat back to load floor height H197 1824 Cargo volume index [m3(ft.3)] V2 1824 Hidden cargo volume [m3(ft.3)] V4 V4 Hatchback — Cargo Space 2JB77 Front seat back to load floor height H197 595 Cargo length at front seat back hoload floor height L208 1124 Cargo length at floor (front) L208 1124 Cargo length at floor (front) L209 1621 Cargo volume index [m3(tt.3)] V3 1089	Cargo length (closed front)	L202	1709
Cargo length at belt (second) L205 837	Cargo length (closed second)	L203	
Cargo width (wheelhouse) W201 944 Rear opening width at floor W203 1226 Opening width at belt W204 1206 Max. rear opening width above belt W205 970 Cargo height H201 846 Rear opening height H202 764 Tailgate to ground height H250 549 Front seat back to load floor height H197 Cargo volume index (m3(tt.3)) V2 1824 Hidden cargo volume [m3(tt.3)] V4 Hatchback — Cargo Space Front seat back to load floor height H197 595 Cargo length at front seat back to load floor height L208 1124 Cargo length at floor (front) L209 1621 Cargo volume index (m3(tt.3)) V3 1089	Cargo length at belt (front)	L204	1581
Rear opening width at floor W203 1226	Cargo length at belt (second)	L205	837
Dening width at belt W204 1206	Cargo width (wheelhouse)	W201	944
Max. rear opening width above belt W205 970 Cargo height H201 846 Rear opening height H202 764 Tailgate to ground height H250 549 Front seat back to load floor height H197 Cargo volume index [m³(ft.³)] V2 1824 Hidden cargo volume [m³(ft.³)] V4 Hatchback — Cargo Space 2JB77 Front seat back to load floor height H197 595 Cargo length at front seat back height L208 1124 Cargo length at floor (front) L209 1621 Cargo volume index [m³(ft.³)} V3 1089	Rear opening width at floor	W203	1226
Cargo height	Opening width at belt	W204	1206
Rear opening height	Max. rear opening width above belt	W205	970
Tailgate to ground height H250 549 Front seat back to load floor height H197 Cargo volume index [m³(ft.³)] V2 1824 Hidden cargo volume [m³(ft.³)] V4 Hatchback — Cargo Space 2JB77 Front seat back to load floor height H197 595 Cargo length at front seat back height L208 1124 Cargo length at floor (front) L209 1621 Cargo volume index [m³(ft.³)] V3 1089	Cargo height	H201	846
Front seat back to load floor height H197 Cargo volume index [m³(ft.³)] V2 1824 Hidden cargo volume [m³(ft.³)] V4 Hatchback — Cargo Space 2JB77 Front seat back to load floor height H197 595 Cargo length at front seat back height L208 1124 Cargo length at floor (front) L209 1621 Cargo volume index [m³(ft.³)] V3 1089	Rear opening height	H202	764
Cargo volume index [m³(ft.³)] V2 1824 Hidden cargo volume [m³(ft.³)] V4 Hatchback — Cargo Space 2JB77 Front seat back to load floor height H197 595 Cargo length at front seat back height L208 1124 Cargo length at floor (front) L209 1621 Cargo volume index [m³(ft.³)] V3 1089	Tailgate to ground height	H250	549
Hidden cargo volume [m³(ft.³)] V4	Front seat back to load floor height	H197	
Hatchback - Cargo Space 2JB77 Front seat back to load floor height H197 595 Cargo length at front seat back height L208 1124 Cargo length at floor (front) L209 1621 Cargo volume index [m³(ft.³)) V3 1089	Cargo volume index [m ³ (ft. ³)]	V2	1824
Front seat back to load floor height H197 595 Cargo length at front seat back height L208 1124 Cargo length at floor (front) L209 1621 Cargo volume index [m³(ft.³)] v3 1089	Hidden cargo volume [m ³ (ft. ³)]	V4	
Cargo length at front seat back height L208 1124 Cargo length at floor (front) L209 1621 Cargo volume index [m³(ft.³)) V3 1089	Hatchback - Cargo Space		2JB77
back height L208 1124 Cargo length at floor (front) L209 1621 Cargo volume index [m³(ft³)] V3 1089	Front seat back to load floor height	H197	595
Cargo length at floor (front) L209 1621 Cargo volume index [m³(ft³)] V3 1089		L208	. 1124
Cargo volume index [m³(ft.3)] V3 1089	Cargo length at floor (front)	L209	
	Cargo volume index [m3(ft.3)]	V3	
	Hidden cargo volume [m ³ (ft. ³)]		

A printed or computer tape supplement containing additional car and body dimensions and/or drawings (based in part on SAE J1100a "Motor Vehicle Dimensions") may be available from the manufacturer.

All dimensions are in millimeters (inches).

METRIC (U.S. Customary)

Car and Body Dimensions See Key Sheets for definitions

	***			· · · · · · · · · · · · · · · · · · ·
Body Type	2JB27	2JB35	2JB69	2JB77

Number	Mark *	Define Coordinate Location							
Front	(1)	FROM THE BA	RK TO VERTICAL BASE GR SE GRID LINE TO THE FRO EAT ADJUSTER MOUNTING	ID LINE - FRONT, MEASURED HORIZONTALLY ONT FIDUCIAL MARK LOCATED ON TOP OF SOLT.					
		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.							
((1)	X - FIDUCIAL MARK TO VERTICAL BASE GRID LINE - REAR, MEASURED HORIZONTALLY FROM BASE GRID LINE TO THE REAR FIDUCIAL MARK LOCATED ON THE RAIL (COMPARTMENT PAN - LONGITUDINAL).							
ear		Y - FIDUCIAL MARK TO CENTERLINE OF CAR - REAR, WIDTH MEASUREMENT MADE FROM CENTER LINE OF CAR TO FIDUCIAL MARK LOCATED ON THE 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 RAIL (COMPARTMENT PAN - LONGITUDINAL).							
ducial ark umber			•						
	W21	504.5	504	504.5					
Ľ	L54		27	46					
-			2	46					
	H61								
ont		293	300	293					
ront		293 265	300 273	293 265					
ont	H161 H163		273	. 265					
ont	H161 H163	265	273	265 40					
ont	H161 H163 W22		273 4 4	265 40 951 4900					
ront	W22 L55	4900	273 4 4 3	265 40 951 4900 62					
ont .	H161 H163 W22	265	273 4 4	40 951 4900					

^{**} EPA LOADED VEHICLE WEIGHT LOADING CONDITIONS

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

Car Line	2000		
Model Year	1983Issued	10-15-82	_Revised (*)

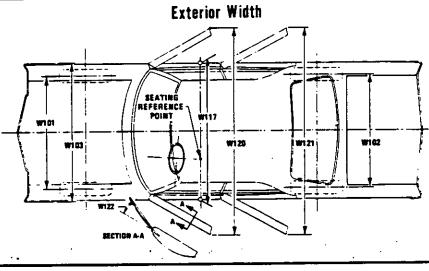
Car and Body Dimensions See Key Sheets for definitions

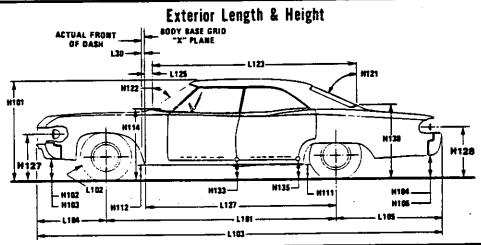
	SAE Ref. No.	2JB27	2JB35	2JB69	2JB77	
ingle (deg.)	H121	51.5	35.5	49.0	70.0	
angle (deg.)	JH122	58.0	55.0		58.0	
eg.)	W122	21.5	21.0		21.5	
s exposed 12(in.2))	S1	7847				
Side glass exposed surface area [cm²(in.²)]		10910	16955	11532	11478	
Backlight glass exposed surface area (cm²(in.²)]		5154	4892	5691	8685	
sed surface	S4	23551	29334	24710	27650	
islet gives (type)						
•			CURVED LAMINAT	ED PLATE		
(type)						
eadlamp Shar	pe*			• • • • • • • • • • • • • • • • • • • •		
	Highest**	671	670 671			
(H127)	Lowest					
Taillamo	Highest**	713	589	713	714	
(H1 28)	Lowest					
Sidemarker	Front	569	569	569		
	Rear	709	759	709	719	
Headlamp	Inside					
	Outside**					
Taillamp	Inside	383	714	383	509	
	Outside**	<u> </u>		647	644	
Directional	Front	581				
	Rear	647	714	647	644	
3			RECTANGULA	R		
	e angle (deg.) eg.) s exposed (2(in.2)) sed surface exposed (2(in.2)] sed surface s (type) (type) eadlamp Share Headlamp (H127) Taillamp (H128) Sidemarker Headlamp Directional	Ingle (deg.) Ingle	Ref. No. 2JB27	Ref. 2JB27 2JB35	Ref. Ref.	

^{*} Measured at curb mass (weight).
** If single tamps are used enter here.

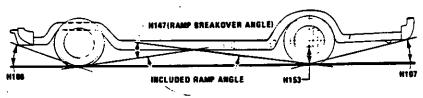
METRIC (U.S. Customary)

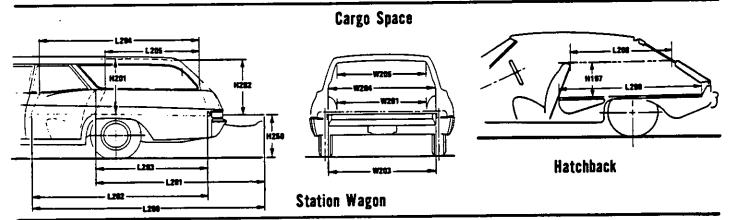
Exterior Car And Body Dimensions — Key Sheet





Exterior Ground Clearance

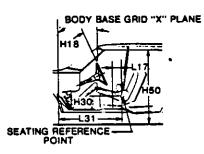


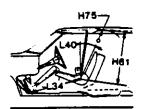


METRIC (U.S. Customary)

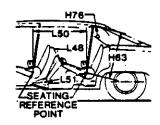
Interior Car And Body Dimensions - Key Sheet

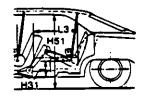
Front Compertment



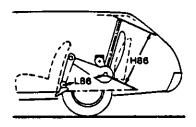


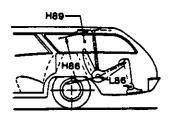
Rear Compartment





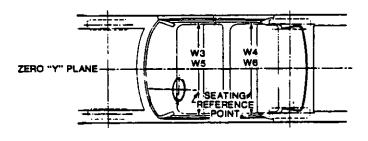
Third Seat







Interior Width



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 position. 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

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.

glass at the front SgRP "X" plane.

- 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"
- 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 dimensional 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.

METRIC (U.S. Customary)

Interior Car And Body Dimensions — Key Sheet **Dimensions Definitions**

H103	FRONT BUMPER TO GROUND CURB MASS (WT.). Measured in the same manner as H104.	H18	STEERING WHEEL ANGLE. The angle measured from a vertical to the surface plane of the steering wheel.
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.	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
H105	REAR BUMPER TO GROUND—CURB MASS (WT.). Measured in the same manner as H104.	D 4	manufacturer.
H106	ANGLE OF APPROACH. The angle measured bet-	Hear C	Compartment Dimensions

ween 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. ANGLE OF DEPARTURE. The angle measured bet-H107 ween 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 com-

ponent shall be designated.

REAR BREAKOVER ANGLE. The angle measured H147 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.

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

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

Pront Compartment Dimensions

PD1	PASSENGER DISTRIBUTION—FRONT.
L31	SgRP-FRONT "X" COORDINATED.

EFFECTIVE. HEAD ROOM-FRONT. The dimension H61 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-ACCELERA-TOR. 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-pointfront in the foremost and rearmost seat trace posi-
- 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 ScRP-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 SgRPfront and 76 mm (3.0 in.) fore and aft the SgRP-front.
- H150 UPPER BODY OPENING TO GROUND-FRONT. The dimension measured vertically from the trimmed body opening to the ground on the SgRP-front "X" plane.

PD2 PASSENGER DISTRIBUTION—SECOND.

SQRP COUBLE DISTANCE. The dimension measured L50 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:).

SQRP—SECOND TO HEEL. The dimension measured H31 vertically from the SgRP-second to the two dimensional device heel point on the depressed floor cover-

L48 KNEE CLEARANCE—SECOND. The minimum dimension measured from the knee pivot to the back of front

seatback minus 51 mm (2.0 in.).
COMPARTMENT ROOM—SECOND. The dimension L3 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 plane through the SgRP-second within 254-406 mm (10.0-16.0 in.) above the SgRP-second.

HIP ROOM—SECOND. Measured in the same manner WB 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.

Luggage Compartment Dimensions

USABLE LUGGAGE CAPACITY-Total of volumes of individual pieces of standard luggage set plus Hboxes 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.

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.).

EFFECTIVE HEAD ROOM-THIRD. The dimension, **H86** 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.

Interior Car And Body Dimensions — Key Sheet Dimensions Definitions

Station	Wagon - Cargo Space Dimensions	H201	CARGO HEIGHT. The dimension measured vertically
L200	CARGO LENGTH-OPEN-FRONT. The minimum dimension measured longitudinally from the back of		from the top of the undepressed floor covering to the headlining at the rear wheel "X" coordinated on the zero "Y" plane.
	the front 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	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"
L201	door type tailgate, at the zero "Y" plane. CARGO LENGTH-OPEN-SECOND. The dimension measured longitudinally from the back of the second seatback at the height of the undepressed floor	H250	plane with rear door fully open. TAILGATE TO GROUND (CURB MASS WT.). The dimension measured vertically from the top of the undepressed floor covering on the lowered tailgate to
	covering on the open tailgate or cargo floor surface if the rear closure is a conventional door type tailgate, at the zero "Y" plane.	V2	ground on the zero "Y" plane. STATION WAGON Measured in inches:
L202	CARGO LENGTH—CLOSED—FRONT. The minimum dimension measured horizontally from the back of the front seat at the height of the undepressed floor		<u>W4 x H201 x L204</u> = ft.3 1728 = ft.3 Measured in mm:
	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"		W4 x H201 x L204 109 = m ³ (cubic meter)
L203	plane. CARGO LENGTH—CLOSED—SECOND. The dimen-	V4	HIDDEN CARGO VOLUME. As specified by the manufacturer.
	sion measured horizontally from the back of the se- cond 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.	All hate seat in down. electric	chack — Cargo Space Dimensions chback cargo dimensions are to be taken with the front full down and rear position, and the rear seat folded. The hatchback door is in the closed position. (For cally adjusted seats, see the manufacturer's specifica- or Design "H" Point).
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 dab back panel at the height of the belt, on the	H197 L208	FRONT SEATBACK TO LOAD HEIGHT. The dimension measured vertically from the horizontal tangent to the top of the seatback to the undepressed floor covering. CARGO LENGTH AT FRONT SEATBACK HEIGHT.
L205	zero "Y" plane. 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	L209	The minimum horizontal dimension from the "X" plane tangent to the rearmost surface of the driver's seat-back to the inside limiting interference of the hatchback door on the vehicle zero "Y" plane. CARGO LENGTH AT FLOOR—FRONT—
W201	the belt, on the zero "Y" plane. CARGO WIDTH—WHEELHOUSE. The minimum dimension measured laterally between the trimmed wheelhousings at floor level. For any vehicle not trimmed, measure the sheet metal.		HATCHBACK. The minimum horizontal dimension measured at floor level from the rear of the front seat-back to the normal limiting interference of the hatchback door on the vehicle zero "Y" plane.
W203	REAR OPENING WIDTH AT FLOOR. The minimum dimension measured laterally between the limiting interferences of the rear opening at floor level.	V3	HATCHBACK. Measured in inches: 1.208 + L209
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		$\frac{1208 + 1209}{2} \times W4 \times H197 = ft.3$
W205	pick up box. REAR OPENING WIDTH ABOVE BELT. The minimum dimension measured laterally between the limiting interferences of the rear opening above the belt height.		Measured in mm: <u>L208 + L209</u> x W4 x H197 2

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