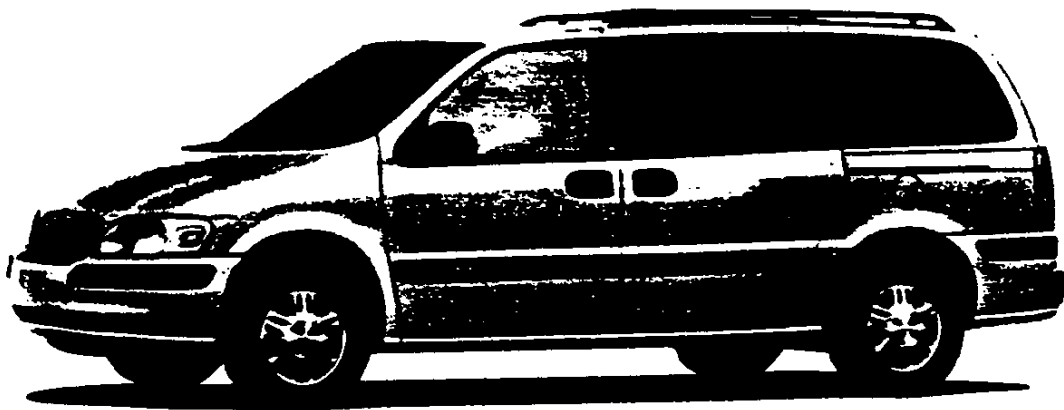


# 1998 VENTURE



GENUINE CHEVROLET

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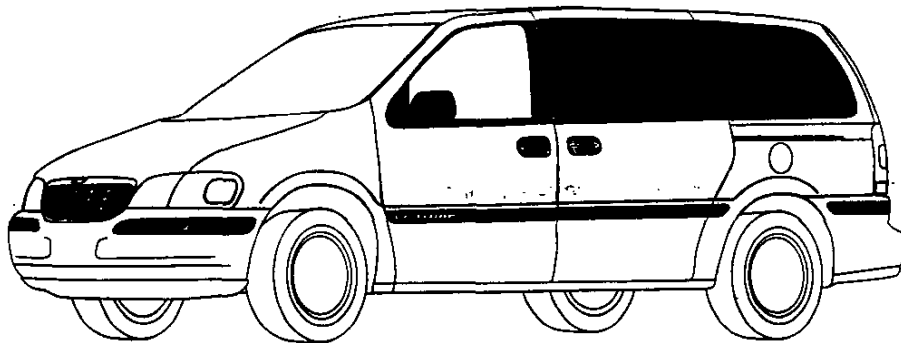
# CHEVROLET VENTURE INTRODUCTION

## CHEVROLET VENTURE

The 1998 Chevrolet Venture is available in Regular and Extended wheelbase models. There's also Regular and Extended wheelbase models available with dual sliding doors.

Some of the changes on the 1998 Venture include:

- Availability of Dual Doors Expanded to Base Trim Models
- Power Sliding Door Option Added to Regular Wheelbase Models
- Rear Audio Control/Premium Radios Availability Expanded to Base Trim Models
- Aluminum Wheels Availability Expanded to Base Trim Models
- Optional Extended Console with Electronic Driver Information Center Packaged with Illuminated Visor Vanity Mirrors (LS trim only)
- Standard Power Rear Vent Windows on LS Trim Models (also included with power sliding door on non-LS models)
- Standard Front-Passenger Headliner Assist Grip on LS and Dual Sliding Door Models
- Standard Adjustable Lumbar Support Added to Front Passenger Seat w/LS Trim
- Optional Cloth Captain's Chairs w/LS Trim





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# CHEVROLET VENTURE

## MODEL SELECTION SUMMARY

Use the chart below to choose the model that fits your customer's needs. Please note that the Base Payloads shown reflect the maximum allowable weight of cargo that can be carried in a standard model, including occupants. (They are calculated by subtracting curb weight from GVWR.) Also, the Maximum Trailer Weights shown on the last page of this section are based on vehicles that are properly equipped. See your Chevrolet Truck Order Guide for specific details.

MODEL NUMBER/ BODY CODE/ OPTION CODE	PASSENGER CAPACITY (STD./OPT.)	STANDARD ENGINE/ TRANS.	OPTIONAL ENGINE/ TRANS.	GVWR (LB)	GAWR (LB) FRONT/ REAR	BASE PAYLOAD (LB)
<b>CHEVROLET VENTURE</b>						
1UN06 REGULAR LENGTH 3-DR	7/—	3400 V6/A4	—	5357	2725/2679	1658
1UN16 REGULAR LENGTH 4-DR	7/—	3400 V6/A4	—	5357	2725/2679	1612
1UM06 EXTENDED LENGTH 3-DR	7/—	3400 V6/A4	—	5357	2756/2756	1519
1UM16 EXTENDED LENGTH 4-DR	7/—	3400 V6/A4	—	5357	2756/2756	1457

## POWERTRAIN

Chevrolet offers one engine and one transmission for the 1998 Chevrolet Venture. The following charts detail basic engine and transmission specifications. See your 1998 Chevrolet Truck Order Guide for details.

<b>ENGINE</b>	
<b>ENGINE</b>	<b>3400 V6</b>
Order Code	LA1
SAE Net Horsepower @ rpm	180 @ 5200
SAE Net Torque lb-ft @ rpm	205 @ 4000
Fuel System	SFI
Standard Battery Cold Cranking Amps @ 0° F	600
Standard Alternator Maximum Capacity (Amps)	105

<b>TRANSMISSION</b>	
<b>TRANSMISSION</b>	<b>AUTOMATIC 4-SPEED W/OD (4T60E)</b>
Order Code	MX0
Gear Ratios	
First	2.92
Second	1.57
Third	1.00
Fourth	0.71
Reverse	2.39
Available Axle Ratios	
Standard	3.29
Optional	—



# CHEVROLET VENTURE

## TRIM LEVELS

The following chart details major standard features. See your 1998 Chevrolet Truck Order Guide for more details.

<b>CHASSIS EQUIPMENT</b>		REG. 3-DR	REG. 4-DR	EXT. 3-DR	EXT. 4-DR
<b>KEY: ■ = STANDARD, — = NOT INCLUDED</b>					
<b>BATTERY</b>	600CCA (includes rundown protection).	■	■	■	■
<b>BRAKES</b>	Power-assisted, front disc, rear drum. Includes brake/transmission shift interlock.	■	■	■	■
<b>COOLANT</b>	Extended life 5-year/150,000-mile (DEX-COOL™). (includes loss of coolant limp home feature).	■	■	■	■
<b>EXHAUST</b>	Single, stainless steel.	■	■	■	■
<b>FUEL TANK</b>	20-gallon (approx.) capacity. 25-gallon (approx.) capacity.	■	■	—	—
<b>FRAME</b>	Ladder-body rail construction.	■	■	■	■
<b>SHOCK ABSORBERS</b>	Front: 32mm; Rear: 30mm.	■	■	■	■
<b>SPARK PLUGS</b>	Extended life.	■	■	■	■
<b>STABILIZER BAR</b>	Front: 34mm; Rear: 36mm.	■	■	■	■
<b>STEERING</b>	Integral power rack and pinion with variable assist (Ratio 17.5:1).	■	■	■	■
<b>SUSPENSION, FRONT</b>	Independent with Delco struts and coil springs.	■	■	■	■
<b>SUSPENSION, REAR</b>	Trailing twist axle design with coil springs.	■	■	■	■

<b>EXTERIOR EQUIPMENT</b>		REG. 3-DR	REG. 4-DR	EXT. 3-DR	EXT. 4-DR
<b>ANTENNA</b>	Integrated in front windshield.	■	■	■	■
<b>BUMPERS</b>	Body color, front and rear.	■	■	■	■
<b>DOORS</b>	Sliding RH side door with flip-out glass. Dual sliding side doors with flip-out glass.	■	■	■	■
<b>GLASS</b>	Tinted. (Windshield is solar coated.)	■	■	■	■
<b>GRILLE</b>	Chrome.	■	■	■	■
<b>HEADLAMPS</b>	Composite halogen.	■	■	■	■
<b>HORN</b>	Dual.	■	■	■	■
<b>LIFTGATE, REAR</b>	One piece (with fixed glass).	■	■	■	■
<b>LOCKS</b>	Power w/sliding door delay (with programmable ADL).	■	■	■	■
<b>MIRRORS</b>	Power remote LH/RH black, head size: 39 square inches.	■	■	■	■
<b>MOLDINGS</b>	Body-side.	■	■	■	■
<b>SPARE TIRE/WHEEL</b>	Compact, with underbody spare tire carrier.	■	■	■	■
<b>TIRES</b>	Four all-season steel-belted radial blackwall (P205/70R15). Four all-season steel-belted radial blackwall (P215/70R15).	■	■	—	—
<b>WHEELS</b>	Four 15.0" x 6.0" steel wheels with full bolt-on covers, bright lug nuts.	■	■	■	■
<b>WINDSHIELD WIPER, REAR</b>	Rear window wiper/washer with delay feature.	■	■	■	■

<b>INTERIOR EQUIPMENT</b>		REG. 3-DR	REG. 4-DR	EXT. 3-DR	EXT. 4-DR
<b>AIR CONDITIONING</b>	Front.	■	■	■	■
<b>AUXILIARY POWER POINTS</b>	Located in left rear wheelhouse stowage compartment behind the wheelhouse cover and in I/P center console.	■	■	■	■
<b>ARMRESTS</b>	RH and LH front door, inboard side of front seats, 2nd-row and 3rd-row side-wall trim, and RH outboard side of 2nd-row bench seats.	■	■	■	■
<b>CIG. LIGHTER/ASHTRAY</b>	Located in center console.	■	■	■	■



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# CHEVROLET VENTURE

<b>INTERIOR EQUIPMENT (CONT.)</b>		REG. 3-DR	REG. 4-DR	EXT. 3-DR	EXT. 4-DR
<b>KEY: ■ = STANDARD, — = NOT INCLUDED</b>					
<b>COAT HOOKS</b>	RH and LH.	■	■	■	■
<b>CONSOLE</b>	I/P center with open and closed storage areas.	■	■	■	■
<b>CONVENIENCE/CARGO NETS</b>	Front seat convenience and rear side panel cargo.	■	■	■	■
<b>DOOR TRIM</b>	Color-keyed with cloth upper and carpeted lower panels. Includes map pockets and Scotchgard™ Fabric Protector.	■	■	■	■
<b>FILTER</b>	Pollen filter. (box is located behind glove box).	■	■	■	■
<b>FLOOR COVERING</b>	Full-floor carpeting.	■	■	■	■
<b>FLOOR MATS</b>	Color-keyed front and rear carpeted mats.	■	■	■	■
<b>GAGES</b>	Speedometer, odometer, fuel level, engine temperature, trip odometer and additional indicator lights.	■	■	■	■
<b>GLOVE BOX</b>	Lockable.	■	■	■	■
<b>HEADLINER</b>	Light gray.	■	■	■	■
<b>LAMPS</b>	O/H consolette, dome, rear cargo, underhood, glove box, and ashtray.	■	■	■	■
<b>MIRROR</b>	10-inch rearview with day/night feature.	■	■	■	■
<b>OVERHEAD CONSOLETTTE</b>	Includes storage compartment and lamps.	■	■	■	■
<b>RADIO</b>	Electronically tuned AM/FM stereo radio w/digital clock. (antenna is windshield integrated).	■	■	■	■
<b>SEATS</b>	2 front buckets, 2nd row 2-passenger 40/60 split bench, and 3rd row 3-passenger 50/50 split bench (includes Scotchgard™ Fabric Protector). 2 front buckets, 2nd row 2-passenger solid bench, 3rd row 3-passenger solid bench (includes Scotchgard™ Fabric Protector).	— ■	■ —	■ —	■ —
<b>STEERING WHEEL</b>	Deluxe.	■	■	■	■
<b>SUNSHADES</b>	RH and LH visors with mirrors and map straps.	■	■	■	■
<b>TURN SIGNAL</b>	"ON" reminder chime.	■	■	■	■
<b>WINDOWS</b>	Manual driver/passenger front, manual swingout rear.	■	■	■	■
<b>WINDSHIELD WIPERS</b>	Front intermittent.	■	■	■	■

<b>AIR BAG (SRS)*</b>	Driver and front passenger (next generation).	■	■	■	■
<b>BRAKES</b>	4-wheel anti-lock brakes.	■	■	■	■
<b>DOOR BEAMS</b>	High-strength steel side-door guard beams in front and side sliding doors.	■	■	■	■
<b>LAMPS</b>	Daytime running lamps w/automatic headlamp control.	■	■	■	■
<b>LOCKS</b>	Includes child safety lock on sliding door(s) and programmable ADL.	■	■	■	■
<b>SEAT BELTS</b>	Adjustable shoulder height, front row.	■	■	■	■
<b>STEERING COLUMN</b>	Energy-absorbing steering column.	■	■	■	■
<b>STOPLAMP</b>	LED center high-mounted stoplamp (CHMSL).	■	■	■	■

\*Always wear your safety belts.



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## PREFERRED EQUIPMENT GROUPS

Preferred Equipment Groups (PEGs) are convenient option packages. See your 1998 Chevrolet Truck Order Guide and Vehicle Price Schedule for specific information and prices.

## OPTIONS

These options can be ordered individually in addition to the Preferred Equipment Groups if not already included. See your 1998 Chevrolet Truck Order Guide for specific availability and restrictions. The Option Code is listed in **bold type**.

<i>Air Conditioning,</i>					
<i>Front and Rear</i> .....	<b>C34</b>				
<i>Carrier, Luggage-Roof</i> .....	<b>V54</b>				
<i>Defogger, Rear Window</i>					
<i>Electric</i> .....	<b>C49</b>				
<i>Door, Power Sliding</i> .....	<b>E58</b>				
<i>Emissions:</i>					
<i>Federal</i> .....	<b>FE9</b>				
<i>California</i> .....	<b>YF5</b>				
<i>Massachusetts/New York/</i>					
<i>Connecticut</i> .....	<b>NG1</b>				
<i>Cal./Mass./N.Y./CT</i>					
<i>Emissions /Override</i> .....	<b>NB8</b>				
<i>Federal Emission Override</i> .....	<b>NC7</b>				
<i>Glass, Deep-Tinted</i>					
<i>(includes "B" pillar blackout</i>					
<i>treatment); (excludes 32U, dark</i>					
<i>granite and 28U, dark sapphire)</i> .....	<b>AJ1</b>				
<i>Heater, Engine Block</i> .....	<b>K05</b>				
<i>License Plate Bracket, Front</i> .....	<b>VK3</b>				
<i>Radio Equipment</i>					
<i>Electronically Tuned AM/FM</i>					
<i>Stereo Radio w/Seek Feature,</i>					
<i>Digital Clock, Stereo Cassette</i> .....	<b>UM6</b>				
<i>Electronically Tuned AM/FM</i>					
<i>Stereo Radio w/Seek-Scan, Auto Tone</i>					
<i>Control, Digital Clock, Compact Disc</i>					
<i>Player, TheftLock™, Speed</i>					
<i>Compensated Volume and Front</i>					
<i>and Rear Coaxial Speakers</i> .....	<b>UNO</b>				
<i>Electronically Tuned AM/FM</i>					
<i>Stereo Radio w/Seek-Scan, Auto</i>					
<i>Tone Control, Digital Clock, Cassette</i>					
<i>Player, TheftLock™ and Front</i>					
<i>and Rear Coaxial Speakers</i> .....	<b>ULO</b>				
<i>Electronically Tuned AM/FM</i>					
<i>Stereo Radio w/Seek-Scan, Cassette</i>					
<i>Tape w/ Auto Reverse, Auto Tone</i>					
<i>Control, Digital Clock, Remote</i>					
<i>Compact Disc Player, TheftLock™,</i>					
<i>Speed Compensated Volume</i>					
<i>and Front and Rear Coaxial</i>					
<i>Speakers</i> .....	<b>UN7</b>				
<i>Rear Seat Audio Controls w/Earphone</i>					
<i>Jacks</i> .....	<b>UK6</b>				
<i>Safety &amp; Security System</i>					
<i>(includes content theft deterrent</i>					
<i>system)</i> .....	<b>R7D</b>				
<i>Seat, 6-way power</i>					
<i>(driver only)</i> .....	<b>AG1</b>				
<i>Seats</i>					
<i>Cloth Bucket Seats</i> .....	<b>AR9</b>				
<i>Seating Arrangements,</i>					
<i>Seven-Passenger Folding Split Back</i>					
<i>Rear Seating</i> .....	<b>ABA</b>				
<i>Seven-Passenger Rear Bucket</i>					
<i>Seats</i> .....	<b>ABB</b>				
<i>Seven Passenger 2nd row Captain's</i>					
<i>Seats and 3rd row Split</i>					
<i>Bench Seating</i> .....	<b>ABD</b>				
<i>One integral child seat</i> .....	<b>AN2</b>				
<i>Dual integral child seats</i> .....	<b>AN5</b>				
<i>Suspension, Touring</i>					
<i>(includes load leveling</i>					
<i>suspension, inflator with onboard</i>					
<i>air capabilities and touring radial</i>					
<i>tires)</i> .....	<b>FE3</b>				
<i>Tires</i>					
<i>P215/70R-15 All-Season Radial</i>					
<i>(Regular wheelbase only)</i> .....	<b>XPK</b>				
<i>P215/70R-15 Touring</i> .....	<b>XPU</b>				
<i>P215/70R-15 Self sealing</i> .....	<b>P42</b>				
<i>Trailer Accommodation Package</i>					
<i>(includes 5-lead wiring harness, load-</i>					
<i>leveling suspension, heavy-duty turn</i>					
<i>signal flasher and heavy-duty</i>					
<i>cooling system)</i> .....	<b>V92</b>				
<i>Traction Control</i> .....	<b>NW9</b>				
<i>Trim, LS Package (marketing purposes only)</i>					
<i>(includes custom cloth and custom front</i>					
<i>seats w/driver and front-passenger manual</i>					
<i>adjustable lumbar)</i>					
<i>Wheels</i>					
<i>15" Cast Aluminum Wheels</i> .....	<b>PH3</b>				

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# CHEVROLET VENTURE

## DIMENSIONS

MODEL	REGULAR LENGTH	EXTENDED LENGTH
MODEL NUMBER	1UN06 & 1UN16	1UM06 & 1UM16
<b>EXTERIOR DIMENSIONS</b>		
<b>BODY</b>		
Wheelbase (in.)	112.0	120.0
Overall Length (in.)	186.9	200.9
Overall Height (in.) Nominal	67.4	68.1
Maximum Width (in.)	72.0	72.0
Bumper to Axle (in.)		
Front	36.9	36.8
Rear	38.0	44.1
Ground to Top of Rear Load Floor (in.)	24.0	25.0
Ground Clearance (in.)		
Front	8.3	8.5
Rear	10.4	11.0
<b>Side Load Doors</b>		
Opening Height (in.)	44.0	44.0
Opening Width (in.)	29.4	32.0
<b>Rear Load Door</b>		
Opening Height (in.)	40.7	40.7
Opening Width Above Beltline (in.)	43.0	43.0
Opening Width at Beltline (in.)	51.4	50.5
Track Width (in.)		
Front/Rear	61.5/63.3	61.5/63.3
Turning Diameter Curb-to-Curb (ft)	37.4	39.7

<b>INTERIOR DIMENSIONS</b>		
Headroom (in.)		
Front/Middle/Rear	39.9/39.3/38.8	39.9/39.3/38.9
Legroom (in.)		
Front/Middle/Rear	39.9/36.9/34.0	39.9/39.0/36.7
Shoulder Room (in.)		
Front/Middle/Rear	59.8/61.9/60.1	59.8/61.9/59.6
Hip Room (in.)		
Front/Middle/Rear	55.5/60.4 <sup>1</sup> /48.3	55.5/60.4 <sup>1</sup> /48.3
Knee Clearance (in.)		
Front/Middle/Rear	—/2.1/1.6	—/4.5/3.7
Cargo Volume (cu ft)		
w/Front Seat	126.6	148.3
w/Front Seat & Left Side Sliding Door	133.0	155.9
w/Front/Middle Seats (max.)	42.8	54.7
w/Front/Middle/Rear Seats (max.)	16.3	24.2
Load Floor Length (in.)		
w/Front Seat	86.1	100.0
w/Front/Middle Seats (max.)	50.7	62.4
w/Front/Middle/Rear Seats (max.)	18.1	26.9
Interior Width		
between Wheelhousings (in.)	48.3	48.3
Front Seat Walk-Through (in.)	8.3	8.3
Interior Height (in.)	45.8	45.1

<sup>1</sup>3-door dimension shown; 4-door is 64.3

## TRAILERING

The Chevy Venture has a maximum towing capacity of 3500-lb tongue weight and a 3500-lb trailer weight (requires V92). The Chevy Venture's Trailering Accommodation Package (V92) includes a 5-lead wiring harness, load leveling suspension, heavy-duty turn signal flasher and a heavy-duty cooling system.



## **1998 VENTURE HIGHLIGHTS**

### **NEW FOR 1998**

- **NEW COMBINED ORDER GUIDE FORMAT SIMPLIFIES ORDERING.**
- **DUAL DOOR MODELS NOW AVAILABLE IN BASE TRIM LEVELS.**
- **NEW CARGO VAN VERSION.**

### **EXTERIOR**

- **NEW EXPANDED SIDE AND REAR GLASS OFFERINGS FOR CARGO VERSION.**
- **AVAILABLE ELECTRIC SLIDING DOOR ON REGULAR WHEEL BASE 4 DOOR.**

### **INTERIOR**

- **EXPANDED RADIO AVAILABILITY TO BASE TRIM LEVELS.**
- **NEW 2ND ROW CAPTAIN SEATS AVAILABLE IN 7-PASSENGER SEATING.**
- **NEW REAR POWER VENT WINDOWS.**
- **NEW OVERHEAD ROOF CONSOLE/DRIVER ILLUMINATED INFORMATION CENTER.**
- **NEW DRIVER AND FRONT PASSENGER SIDE AIR BAGS.**

### **PREFERRED EQUIPMENT GROUPS (PEGS)**

- **EXPANDED OFFERINGS - LESS RESTRICTIVE.**
- **LESS OVERALL PEG GROUPS**
- **NEW PEG GROUPS FOR CARGO VAN**

### **COLORS**

- **MEDIUM BRIGHT BLUE (MET) CANCELLED FOR 1998 MODEL YEAR**



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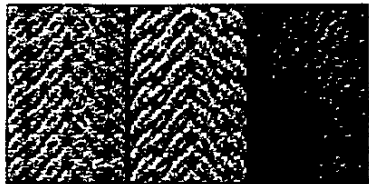
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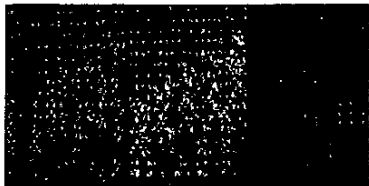




### Trim Colors

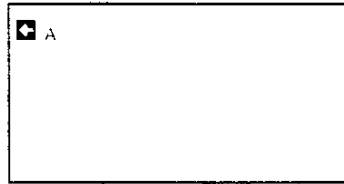


Base trim available in Medium Gray, Neutral and Dark Teal.



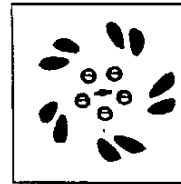
LS trim available in Medium Gray, Neutral and Dark Teal.

### Seat Styles

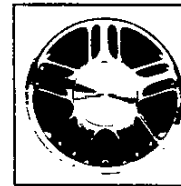


- A. High-back Base trim reclining bucket seats — standard Base model.
- B. High-back LS trim reclining bucket seats — optional.

### Wheels



Standard 15 bolt-on wheel cover.

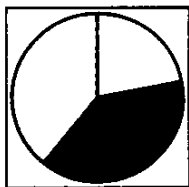


(RPO PH3) Optional 15 cast-aluminum wheel with lock.

### Most Popular Exterior Colors with Corresponding Interior Color Availability

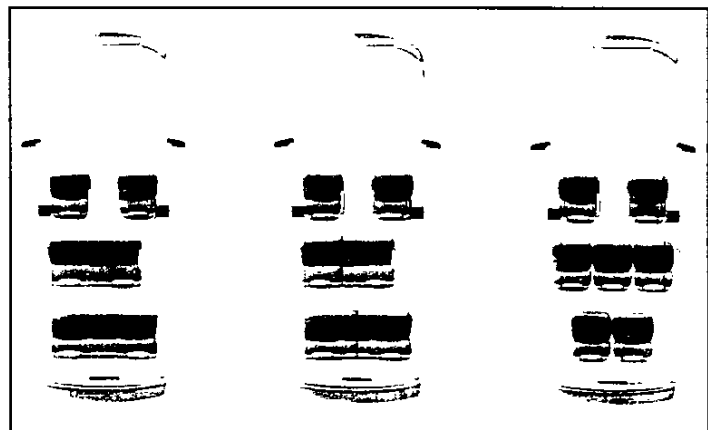
INTERIOR MATERIAL COLORS			
	Dark Teal	Medium Gray	Neutral
<b>EXTERIOR COLORS</b>			
Bright White	✓	✓	✓
Dark Teal	✓	✓	✓
Metallic	✓	✓	✓
Carmine		✓	✓
Red		✓	✓
Dark Granite		✓	✓
Metallic		✓	✓

### Most Popular Exterior Colors by Percentage



Clockwise, at left, are the anticipated four most popular Chevy Venture colors for 1998, based on national sales volume. They are listed for reference only. To identify the top-selling colors in your area, by model, use the Retail Sales Analysis (RSA).

Bright White	22%
Dark Teal Metallic	14%
Carmine Red	13%
Dark Granite Metallic	12%
Other colors	39%



Standard seating for 7, plus flip-and-fold versatility. Chevy Venture 3-Door Regular Wheelbase includes flip-and-fold second- and third-row full-bench seats.

Split-bench seats add flexibility. Standard 40/60 split-bench second-row and 50/50 split-bench third-row seats in Chevy Venture LS Extended Wheelbase and LS 4-Door Regular Wheelbase models are easily folded or removed. Second-row captain's seats (not shown) are available. Split-bench third-row seats are included.

Optional modular seating for 7 on all models with LS Trim, includes removable bucket seats that can be arranged in up to 32 different seating configurations.



# Chevy Venture



P.D.S.E.I. helps explain 1998 models for this brand. Overall improvements, changes and deletions are highlighted. Please review the supplied information, keeping in mind that this material is provided to you before production start-up — and may change.

## P.D.S.E.I.



### PERFORMANCE

• **ELECTRONICALLY CONTROLLED TRANSMISSION CLUTCH** — makes possible 100% transmission lockup speeds without any loss of driveability. • **AVAILABLE TRACTION CONTROL** — can help minimize loss of traction on slippery surfaces. • **TIGHT TURNING DIAMETER** — only 37.4 ft. (regular wheelbase) or 39.7 ft. (extended wheelbase) for easy maneuvering in city traffic. • **IMPRESSIVE 3,500-LB. TOWING CAPACITY** — with optional Trailering Package. • **3400 V6 WITH SEQUENTIAL FUEL INJECTION** — provides impressive power, quiet performance and smooth operation. This engine delivers more standard horsepower than most other minivans.



### DURABILITY

• **FILLED-FOR-LIFE AUTOMATIC TRANSMISSION FLUID** — never needs changing.\* • **100,000-MILE SPARK PLUGS** — for extended service intervals.\* • **EXTENDED-LIFE COOLANT** — good for up to 5 years or 150,000 miles. • **NO NEED TO CHECK ENGINE TIMING** — ever. • **BUMPER TO BUMPER LIMITED WARRANTY** — protection for 3 years or 36,000 miles, with no deductible.

\*Maintenance needs vary with different uses and driving conditions. See owner's manual for details.



### SAFETY

• **STANDARD SIDE-IMPACT AIR BAGS** — help reduce the chance of injury to driver and front passenger in certain moderate to severe side collisions. Always wear safety belts, even with air bags. • **STANDARD DRIVER AND FRONT-PASSENGER AIR BAGS** — help reduce the chance of injury in certain moderate to severe frontal impacts. Always wear safety belts, even with air bags. • **AUTOMATIC DAYTIME RUNNING LAMPS** — make vehicle more visible during daylight hours. • **4-WHEEL ANTI-LOCK BRAKE SYSTEM (ABS)** — helps maintain steering control and minimizes wheel lockup on most slippery surfaces.



### EXTERIOR

• **OPTIONAL DUAL SLIDING SIDE DOORS AVAILABLE IN BOTH REGULAR AND EXTENDED WHEEL-BASE MODELS** — make entry and exit easy. • **AVAILABLE POWER PASSENGER-SIDE SLIDING DOOR FOR REGULAR WHEELBASE MODELS (ALREADY AVAILABLE ON EXTENDED WHEELBASE MODELS)** — makes entry and exit easy. Includes child security rear-door lock system, anti-jam feature, mechanical override and convenient driver-side operation. • **Solar-Ray SOLAR-CONTROL WINDSHIELD WITH INTEGRAL ANTENNA** — helps protect interior fabrics from fading, helps keep interior cool and comfortable. • **SECOND-ROW AND THIRD-ROW WINDOWS THAT VENT** — for increased passenger comfort.



### INTERIOR

• **STANDARD 7-PASSENGER SEATING** — impressive comfort is achieved through "pressure mapping" technology. Features two front bucket seats with flip-forward driver seat and choice of second- and third-row solid or split-bench, five lightweight modular seats that can be removed easily, or second-row captain's chairs with a 3-passenger third-row seat. • **THEATRE SEATING** — floor rises toward the rear of the vehicle for better forward view of the road for center- and rear-row passengers. • **STORAGE VERSATILITY** — a total of up to 26 storage areas, complete with a maximum of up to 17 available cup holders (with modular seats). • **PLENTY OF USABLE CARGO SPACE** — 155.9 cu. ft. on Extended Wheelbase 4-Door models. Chevy Venture can accommodate 4' x 8' sheets of plywood with the tailgate closed. • **STANDARD POLLEN FILTER** — traps most pollen and dust from both the outside and recirculated air.

### Competitive Models

- Dodge Grand Caravan
- Plymouth Grand Voyager
- Ford Windstar
- Mercury Villager
- Nissan Quest
- Toyota Previa
- Mazda MPV
- Honda Odyssey

### New for 1998

- Chevy Venture for 1998 takes significant steps forward in increased customer satisfaction with the addition of an available passenger-side power sliding door for regular wheelbase models. This means that now, you can offer this appealing option on regular and extended wheelbase models alike.
- Chevy Venture also boasts the addition of standard driver and front-passenger side-impact air bags. Teamed with the already standard dual front air bags, this new addition gives Chevy Venture an impressive level of occupant protection. Be sure to point out to prospective buyers that Chevy Venture also surrounds passengers with an integrated, continuous structural design and ladder-frame construction. Steel side-door beams provide added strength and security. Four-wheel anti-lock brake system, automatic Daytime Running Lamps, all-weather tires, brake/transmission shift interlock and large exterior mirrors are also standard.

### Other Information on Significant Features

- Chevy Venture offers many major features not available on Dodge Grand Caravan or Plymouth Grand Voyager, including:
  - 3400 V6 Engine with 180 hp — More Standard Horsepower Than Any Dodge or Plymouth Engine, Standard or Optional
  - Low Fluid Warning Lights
  - Center Console Storage Bin (can be removed and locked in glove box)
  - 8.3 Liter Glove Box (three times larger than Dodge or Plymouth)
  - Convenience Net
  - 2"-Wider Sliding Side Doors
  - Available Power Passenger-Side Sliding Door
  - Variable-Effort Power Steering

### Forecasted Percent of Mix

<b>MODELS</b>	
Regular Wheelbase Chevy Venture	20%
Extended Wheelbase Chevy Venture	80%
<b>Total</b>	<b>100%</b>
<b>TRIM LEVELS</b>	
Base	40%
LS	60%
<b>Total</b>	<b>100%</b>
<b>ENGINES</b>	
3400 V6 SFI	100%
<b>Total</b>	<b>100%</b>
<b>TRANSMISSIONS</b>	
4-Speed Electronically Controlled Automatic with Overdrive	100%
<b>Total</b>	<b>100%</b>

### Other Information on Significant Features (contd.)

- Optional Modular Bucket Seats (can be arranged in 32 different patterns for flexibility not found on Dodge or Plymouth. Modular seats weigh only 38 lbs. each.)
- 40/60 Split-Bench Second-Row and 50/50 Split-Bench Third-Row Seats
- Temperature Control for Available Rear Heating, Ventilating and Air Conditioning
- Up to 26 Convenient Storage Locations vs. 18 on Chrysler Minivans
- Up to 17 Cup Holders.
- Chevy Venture offers a truly impressive, ergonomically designed interior. It's fully the most functional and flexible of any minivan, thanks to features like available second-row captain's chairs, two levels of bench seats — full-bench and split-bench — modular seating and up to 155.9 cu. ft. of cargo area in the extended wheelbase model. Further, it can accommodate 4' x 8' sheets of plywood with the rear gate closed (extended wheelbase only).
- Theatre seating enhances forward visibility for second- and third-row passengers. The floor rises toward the rear of the vehicle, making second-row viewing for passengers as good as the competitor's third row.
- Chevy Venture is part of the most complete family of vans in the industry. The Chevy lineup consists of full-size Chevy Van and Chevy Express, midsize Astro Passenger Van, Astro Cargo Van, Chevy Venture and Chevy Venture Cargo.

## VENTURE (PASSENGER VAN)

### STANDARD EQUIPMENT SUMMARY

<u>CHASSIS</u>		1UN06	1UN16	1UM06	1UM16
<b>BRAKES:</b>	4-WHEEL ANTI-LOCK POWER FR DISC/REAR DRUM	S	S	S	S
<b>ENGINE:</b>	3400 V6 SFI	S	S	S	S
<b>FUEL CAPACITY:</b>	20 GALLON	S	S	--	--
	25 GALLON	--	--	S	S
<b>GENERATOR:</b>	105 AMP	S	S	S	S
<b>STEERING:</b>	POWER	S	S	S	S
<b>SUSPENSION:</b>	SMOOTH RIDE	S	S	S	S
<b>TRANSMISSION:</b>	4-SPEED AUTOMATIC	S	S	S	S
<u>INTERIOR</u>					
<b>AIR BAGS:</b>	DRIVER AND FRONT PASSENGER	S	S	S	S
	DRIVER AND FRONT PASSENGER, SIDE	S	S	S	S
<b>AIR CONDITIONING:</b>	FRONT	S	S	S	S
<b>ANCHORS:</b>	CARGO	S	S	S	S
<b>ASSIST HANDLES:</b>	PILLAR MOUNTED (2 ON 4-DOOR MODELS)	S	S	S	S
<b>CONSOLE:</b>	VERTICAL INSTRUMENT PANEL	S	S	S	S
<b>CONSOLETTTE:</b>	OVERHEAD	S	S	S	S
<b>CUPHOLDERS:</b>	1ST, 2ND, 3RD ROW	S	S	S	S
<b>FILTER:</b>	POLLEN/DUST	S	S	S	S
<b>FLOOR MATS:</b>	CARPETED FRONT AND REAR	S	S	S	S
<b>GLASS:</b>	TINTED, SOLAR FRONT, ALL WINDOWS	S	S	S	S
<b>LIGHTING:</b>	INTERIOR- GLOVE BOX, ASH TRAY, CONSOLETTTE, DOME, REAR CARGO AND UNDERHOOD	S	S	S	S
	INTERIOR ROOF RAIL READING 3RD ROW	--	S	--	S
<b>SCOTCHGARD:</b>	FABRIC PROTECTOR	S	S	S	S
<b>MIRROR:</b>	INSIDE DAY/NIGHT REARVIEW	S	S	S	S
<b>POWER POINT:</b>	FRONT AND REAR AUXILIARY	S	S	S	S
<b>RADIO:</b>	AM/FM STEREO W/SEEK FEATURE AND DIGITAL CLOCK	S	S	S	S
<b>SEATING:</b>	(2) FRONT BUCKET				
	(2) PASSENGER 40/60 BENCH 2ND ROW				
	(3) PASSENGER 50/50 BENCH 3RD ROW	--	S	S	S
	(2) FRONT BUCKET				
	(2) PASSENGER SOLID BENCH 2ND ROW				
	(3) PASSENGER SOLID BENCH 3RD ROW	S	--	--	--
	7 PASSENGER	S	S	S	S
<b>SENSORS:</b>	LOW OIL, LOW COOLANT	S	S	S	S
<b>SUNVISOR:</b>	RH/LH W/VANITY MIRROR AND MAP HOLDER	S	S	S	S
<b>WARNING TONE::</b>	TURN SIGNAL 'ON' REMINDER CHIME	S	S	S	S
<b>WINDOWS:</b>	MANUAL DRIVER/PASSENGER FRONT, MANUAL SWINGOUT REAR QUARTER	S	S	S	S

**VENTURE (PASSENGER VAN)**

**STANDARD EQUIPMENT SUMMARY**

<u>EXTERIOR</u>		1UN06	1UN16	1UM06	1UM16
ANTENNA:	WINDSHIELD INTEGRATED	S	S	S	S
BUMPER/FASCIA:	FRONT AND REAR BODY COLOR	S	S	S	S
HEADLAMPS:	COMPOSITE HALOGEN W/AUTO HEADLIGHT CONTROL	S	S	S	S
LIGHTS:	AUTOMATIC DAYTIME RUNNING	S	S	S	S
LOCK:	CHILD SAFETY SLIDING DOORS	S	S	S	S
LOCKS:	POWER W/SLIDING DOOR DELAY (PROGRAMMABLE)	S	S	S	S
MIRRORS:	OSRV LH/RH POWER REMOTE BLACK	S	S	S	S
MOLDINGS:	BLACK, BODYSIDE	S	S	S	S
PAINT:	BASE COAT/CLEAR COAT	S	S	S	S
TAILGATE:	ONE-PIECE	S	S	S	S
TIRES:	P205/70R-15 ALS B/W	S	S	-	-
	P215/70R-15 ALS B/W	-	-	S	S
	COMPACT SPARE W/UNDERBODY CARRIER W/HOIST	S	S	S	S
WHEEL COVERS:	15" COMPOSITE BOLT-ON	S	S	S	S
WHEELS:	15 X 6 STEEL	S	S	S	S
WIPERS:	VARIABLE WINDSHIELD, REAR WINDOW W/FIXED/ DELAY/WASHER	S	S	S	S

**VENTURE (PASSENGER VAN)**

**Model 1UN06/1UN16 (Regular Wheel Base)**

MODEL AND BODY

DESCRIPTION	MODEL	WHEELBASE	*21.999	DESCRIPTION	MODEL	WHEELBASE
3-DOOR REGULAR WHEELBASE				4-DOOR REGULAR WHEELBASE		
VENTURE.....	1UN06	112"		VENTURE.....	1UN16	112"

\*Includes Destination and Handling Charges

**PREFERRED VEHICLE**

NO DELETIONS ALLOWED. ADDITIONAL OPTIONS/SUBSTITUTIONS (WHERE INDICATED)  
MAY BE ORDERED FROM THE ADDITIONAL OPTIONS LISTINGS

	1SA	1SB	1SC
<b>Base Equipment Group</b>	x	x	x
<b>Preferred Equipment Group 1</b>			
Power Windows w/Driver Express Down		x	x
Remote Keyless Entry		x	x
Speed Control w/Resume Speed		x	x
<b>Preferred Equipment Group 2</b>			
1UN06			
1UN16			
LS Trim Package (Incls Front Bucket Custom Seats w/Driver and Front Passenger Adjustable Lumbar Support, Adjustable Head Rests, Custom Trim on Seats and Interior Trim Panels, (Roof Rail Lighting (1UN06 Mode Only) and Liftgate Cargo Net) Power Rear Vent Windows			x
AM/FM Stereo Radio w/Cassette w/ATC and Premium Front and Rear Coaxial Speakers			x
7-Passenger Split/Split Seating (1UN06 Only)			x

**ADDITIONAL OPTIONS**

**OPTION**

**ACKNOWLEDGEMENTS:**

R8S Multiple Order Numbers

R8T Preliminary Invoice

VK3 **BRACKET:** License Plate, Front

DK6 **CONSOLE:** Overhead Roof and Electronic Driver Information Center (N/A w/1SA/1SB)  
(Incls Illuminated Driver and Passenger Visor Mirror)

**DEFOGGER: Rear (MUST SPECIFY)**

C49 Rear Window Electric

R9W Rear Window Not Desired

E58 **DOOR:** Power Sliding (Passenger Side) (N/A 1SA) (w/1SC Incls Power Rear Vent Windows)  
w/1SB  
w/1SC

**EMISSION: (MUST SPECIFY) (Refer Emission Requirements Tab Section)**

FE9 Federal Emission Requirements

NG1 New York, Massachusetts or Connecticut Emission Requirements

YF5 California Emission Requirements

NB8 CA, NY, MA or CT Emission Override (Reqs FE9 Emissions)

NC7 Federal Emission Override (Reqs YF5 or NG1 Emissions)

# VENTURE (PASSENGER VAN)

## ADDITIONAL OPTIONS

### OPTION

- AJ1 **GLASS:** Deep Tinted (Reqs C49 Rear Defogger) (w/o Dk Sapphire 28U or Dk Granite 32U Paint. Includes B-Pillar Black Out Treatment)
- K05 **HEATER:** Engine Block
- V54 **LUGGAGE CARRIER:** (N/A 1SA)
- RADIO EQUIPMENT:**
- UL0 *Electronically Tuned AM/FM Stereo Radio w/Seek-Scan. Digital Clock. Automatic Tone Control. Cassette and Theft Lock (Incl w/1SC) (Incls Premium Front and Rear Coaxial Speakers)*
- UM6 *Electronically Tuned AM/FM Stereo Radio w/Seek-Scan. Digital Clock and Cassette Tape (N/A 1SC)*
- UN0 *Electronically Tuned AM/FM Stereo Radio w/Seek-Scan. Digital Clock. Automatic Tone Control. Compact Disc Player. Theft Lock and Speed Compensated Volume (Incls Premium Front and Rear Coaxial Speakers) w/1SC*
- JN7 *Electronically Tuned AM/FM Stereo Radio w/Seek-Scan. Cassette Tape w/Auto Reverse. Auto Tone Control. Digital Clock. Theft Lock. Speed Compensated Volume. Remote Compact Disc Player (Incls Premium Front and Rear Coaxial Speakers) w/1SC*
- UK6 *Rear Seat Audio Controls w/Earphone Jacks (Reqs UL0, UN0 or UN7 Radio)*
- R7D **SAFETY AND SECURITY PACKAGE:** (Incls Self Sealing Touring Radial Tires and Content Theft Deterrent System) (Reqs 1SC)  
*w/o FE3  
w/FE3*
- SEATS: ADDITIONAL**
- AG1 *6-Way Power Driver Side (Reqs 1SC)*
- SEATING ARRANGEMENTS:**
- ABA *7-Passenger Folding Split Back Rear Seating (Std on 1UN16 Model) (N/A 1SA) (Incl w/1SC)*
- ABB *7-Passenger Rear Bucket Seats (Reqs 1SC on Model 1UN06)*
- ABD *7-Passenger 2nd Row Captain's Seats and 3rd Row Split Bench Seating (Reqs 1SC on Model 1UN06)*
- AN2 *One Integral Child Seat (w/Folding Split Back Seating Reqs ABA Seating) (w/Bucket Seats Reqs ABB Seating) (N/A w/37B Interior Trim) (N/A ABD Seating)*
- AN5 *Dual Integral Child Seats (w/Folding Split Back Seating Reqs ABA Seating) (w/Bucket Seats Reqs ABB Seating) (N/A w/37B Interior Trim) (N/A ABD Seating)*
- FE3 **SUSPENSION:** Touring (Reqs 1SC) (Incls Load Leveling Suspension w/Auxiliary Air Inflator and XPU Tires)
- TIRES:**
- XPU *P215/70R-15 Touring Radial (N/A 1SA)*
- P42 *P215/70R-15 Self Sealing Touring Radial (Incls XPU Tires) (N/A 1SA)*
- NW9 **TRACTION CONTROL:** (Reqs 1SC)
- V92 **TRAILERING PROVISIONS:** (Reqs 1SC and FE3 Suspension) (Incls H.D. Cooling w/Engine and Transmission Oil Cooling)
- PH3 **WHEELS:** 15" Cast Aluminum



## VENTURE (PASSENGER VAN)

### Model 1UM06/1UM16 (Extended Wheel Base)

#### MODEL AND BODY

DESCRIPTION	MODEL	WHEELBASE	*22.829	DESCRIPTION	MODEL	WHEELBASE
3-DOOR EXTENDED WHEELBASE				4-DOOR EXTENDED WHEELBASE		
VENTURE.....	1UM06	120"		VENTURE.....	1UM16	120"

\*Includes Destination and Handling Charges

#### PREFERRED VEHICLE

NO DELETIONS ALLOWED. ADDITIONAL OPTIONS/SUBSTITUTIONS (WHERE INDICATED)  
MAY BE ORDERED FROM THE ADDITIONAL OPTIONS LISTINGS

	1SE	1SF	1SG	1SH
<b>Base Equipment Group</b>	x	x	x	x
<b>Preferred Equipment Group 1</b>				
Speed Control w/Resume Speed		x	x	x
Power Windows w/Driver Express Down		x	x	x
Remote Keyless Entry		x	x	x
<b>Preferred Equipment Group 2</b>				
LS Trim Package (Incls Front Custom Bucket Seats w/Driver and Front Passenger Adjustable Lumbar Support, Adjustable Head Rests, Custom Trim on Seats and Interior Trim Panels, Liftgate Cargo Net and Power Rear Vent Windows. (Roof Rail Lighting, 1UN06 Model only)			x	x
AM/FM Stereo Radio w/Cassette w/ATC w/Premium Front and Rear Coaxial Speakers			x	x
<b>Preferred Equipment Group 3</b>				
Power Seat 6-Way (Driver Side)				x
Deep Tinted Glass				x
Rear Window Defogger				x
P215/70R-15 Touring Tires				x
Luggage Rack				x
Overhead Roof Console/Driver Info Center and Illuminated Driver and Passenger Visor Mirror				x

#### ADDITIONAL OPTIONS

##### OPTION

##### ACKNOWLEDGEMENTS:

- R8S Multiple Order Numbers
- R8T Preliminary Invoice
- C34 **AIR CONDITIONING:** Front and Rear (Reqs AJ1 Glass and C49 Rear Defogger)
- VK3 **BRACKET:** License Plate, Front
- DK6 **CONSOLE:** Overhead Roof and Electronic Driver's Information Center (N/A w/1SE/1SF)  
(Incls Illuminated Driver and Passenger Visor Mirror) (Incl w/1SH)

## VENTURE (PASSENGER VAN)

### ADDITIONAL OPTIONS CONT'D

- DEFOGGER: Rear (MUST SPECIFY)**
- C49 Rear Window Electric (Incl w/1SH)  
R9W Rear Window Not Desired  
w/1SF  
w/1SG/1SH
- EMISSION: (MUST SPECIFY) (Refer Emission Requirements Tab Section)**
- FE9 Federal Emission Requirements  
NG1 New York, Massachusetts or Connecticut Emission Requirements  
YF5 California Emission Requirements  
NB8 CA, NY, MA or CT Emission Override (Reqs FE9 Emissions)  
NC7 Federal Emission Override (Reqs YF5 or NG1 Emissions)  
AJ1 **GLASS: Deep Tinted (Reqs C49 Rear Defogger) (w/o Dk Sapphire 28U or Dk Granite 32U Paint; Includes B-Pillar Black Out Treatment) (Incl w/1SH)**
- K05 **HEATER: Engine Block**  
V54 **LUGGAGE CARRIER: (Incl w/1SH)**
- RADIO EQUIPMENT:**
- UL0 Electronically Tuned AM/FM Stereo w/Seek-Scan, Digital, Clock, Automatic Tone Control, Cassette and Theft Lock (Incl w/1SG/1SH) (Incls Premium Front and Rear Coaxial Speakers)  
UM6 Electronically Tuned AM/FM Stereo Radio w/Seek-Scan, Digital Clock and Cassette Tape (N/A 1SG/1SH)  
UN0 Electronically Tuned AM/FM Stereo Radio w/Seek-Scan, Digital Clock, Automatic Tone Control, Compact Disc Player, Theft Lock and Speed Compensated Volume (Incls Premium Front and Rear Coaxial Speakers) w/1SG/1SH  
UN7 Electronically Tuned AM/FM Stereo Radio w/Seek-Scan, Cassette Tape w/Auto Reverse, Auto Tone Control, Digital Clock, Theft Lock, Speed Compensated Volume, Remote Compact Disc (Incls Premium Front and Rear Coaxial Speakers) w/1SG/1SH  
UK6 Rear Seat Audio Controls w/Earphone Jacks (Reqs UL0, UN0 or UN7 Radio)  
R7D **SAFETY AND SECURITY PACKAGE: (Incls Self Sealing Touring Tires and Content Theft Deterrent System) (Reqs 1SG/1SH)**  
w/FE3  
w/o FE3
- SEATS: ADDITIONAL**
- AG1 6-Way Power Driver Side (N/A 1SE/1SF) (Incl w/1SH)
- SEATING ARRANGEMENTS:**
- ABB 7-Passenger Rear Bucket Seats (Reqs 1SG/1SH)  
ABD 7-Passenger 2nd Row Captain's Seats and 3rd Row Split Bench Seating (Reqs 1SG/1SH)  
AN2 One Integral Child Seat (w/Rear Bucket Seat Reqs ABB Seating) (N/A w/37B Interior Trim) (N/A ABD Seating)  
AN5 Dual Integral Child Seats (w/Bucket Seats Reqs ABB Seating) (N/A w/37B Interior Trim) (N/A ABD Seating)
- FE3 **SUSPENSION: Touring (Reqs 1SG/1SH) (Incls Load Leveling Suspension w/Auxiliary Air Inflater and XPU Tires)**  
w/1SG  
w/1SH
- TIRES:**
- XPU P215/70R-15 Touring Radial (N/A 1SE) (Incl w/1SH)  
P42 P215/70R-15 Self Sealing Touring Radial (N/A 1SE) (Incls XPU Tires)
- NW9 **TRACTION CONTROL: (Reqs 1SG/1SH)**  
V92 **TRAILERING PACKAGE: (Reqs 1SG/1SH and FE3 Suspension) (Incls H.D. Cooling w/Engine and Transmission Oil Cooling)**  
PH3 **WHEELS: 15" Cast Aluminum**

## VENTURE (PASSENGER VAN)

### INTERIOR AND EXTERIOR COLOR AVAILABILITY CHART

**PLEASE NOTE:** The Exterior Paint and Interior Trim Combinations Shown Below are the Only Combinations Available.

TRIM LEVEL		INTERIOR COLORS		
		Dk Teal	Med Gray	Neutral
(a) Cloth Reclining Bucket		(c) 37B	14B	52B
(b) Custom Cloth Reclining Bucket		37C	14C	52C

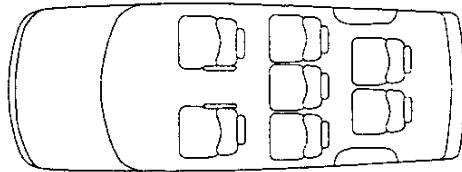
Exterior Colors	Color Code	RECOMMENDED INTERIOR TRIM COLORS		
Solid Paint				
Granite, Dk (Met)	32U		x	x
Green, Med Lichen (Met)	47U		x	x
Malachite, Med (Met)	42U	x	x	x
Red, Carmine	09U		x	x
Sandrift (Met)	49U	x		x
Sapphire, Dk (Met)	28U		x	x
Silver (Met)	13U	x	x	
Teal, Dk (Met)	35U	x	x	x
White, Bright	16U	x	x	x

- (a) N/A "LS" Trim Level
- (b) Reqs "LS" Trim Level
- (c) Reqs ABA Seating Arrangement w/o AN2 and AN5 Child Seats

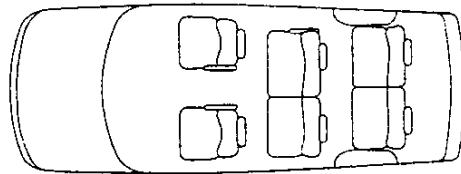
# VENTURE (PASSENGER VAN)

## AVAILABLE SEATING ARRANGEMENTS

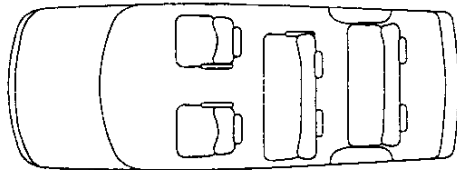
(See Interior and Exterior Chart for Restrictions)



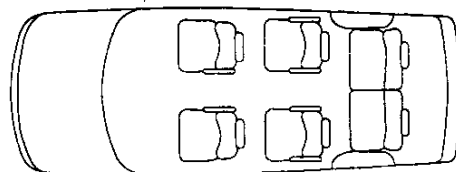
**7 Passenger Rear Bucket Seats  
ABB**



**7 Passenger Folding Split Back Rear Seating  
ABA**



**7 Passenger Solid Bench  
ABC**



**7 Passenger 2nd Row Captain's Seat  
3rd Row Split Bench  
ABD**

## VENTURE (CARGO VAN)

### STANDARD EQUIPMENT SUMMARY

#### CHASSIS

		1UM06-Z10	1UM16-Z10
BATTERY:	RUNDOWN PROTECTION	S	S
BRAKES:	4-WHEEL ANTI-LOCK POWER FR DISC/REAR DRUM	S	S
ENGINE:	3400 V6 SFI	S	S
FUEL CAPACITY:	25 GALLON	S	S
GENERATOR:	105 AMP	S	S
SPRINGS:	H. D. REAR	S	S
STEERING:	POWER, REDUCED EFFORT	S	S
SUSPENSION:	SMOOTH RIDE	S	S
TRANSMISSION:	4-SPEED AUTOMATIC	S	S

#### INTERIOR

AIR BAGS:	DRIVER AND FRONT PASSENGER	S	S
	DRIVER AND FRONT PASSENGER, SIDE	S	S
AIR CONDITIONING:	FRONT	S	S
ASSIST HANDLES:	PILLAR MOUNTED (2 ON 4-DOOR MODELS)	S	S
CONSOLE:	VERTICAL INSTRUMENT PANEL	S	S
CONSOLETTTE:	OVERHEAD	S	S
CUPHOLDERS:	FRONT SEAT	S	S
FILTER:	POLLEN/DUST	S	S
FLOOR COVERING:	RUBBER MAT, FULL LENGTH	S	S
GLASS:	TINTED, SOLAR-RAY, ALL WINDOWS	S	S
LIGHTING:	INTERIOR- GLOVE BOX, ASH TRAY, CONSOLETTTE,		
	DOME, REAR CARGO AND UNDERHOOD	S	S
MIRROR:	INSIDE DAY/NIGHT REARVIEW	S	S
POWER POINT:	FRONT AUXILIARY	S	S
RADIO:	AM/FM STEREO W/SEEK FEATURE AND DIGITAL CLOCK	S	S
	W/DUAL FRONT SPEAKERS		
SEATS:	DRIVER AND FRONT PASSENGER VINYL HIGHBACK BUCKETS	S	S
SENSORS:	LOW OIL, LOW COOLANT	S	S
SUNVISOR:	RH/LH W/VANITY MIRROR AND MAP HOLDER	S	S
WARNING TONE:	TURN SIGNAL WITH 'ON' REMINDER CHIME	S	S
WINDOWS:	MANUAL DRIVER/PASSENGER FRONT, MANUAL		
	SWINGOUT REAR QUARTER	S	S

## VENTURE (CARGO VAN)

### STANDARD EQUIPMENT SUMMARY

#### EXTERIOR

ANTENNA:	WINDSHIELD INTEGRATED	S	S
BUMPER/FASCIA:	FRONT AND REAR BODY COLOR	S	S
HEADLAMPS:	COMPOSITE HALOGEN W/AUTOMATIC HEADLIGHT CONTROL	S	S
LIGHTS:	AUTOMATIC DAYTIME RUNNING	S	S
LOCK:	CHILD SAFETY SLIDING DOORS	S	S
LOCKS:	POWER W/SLIDING DOOR DELAY (PROGRAMMABLE)	S	S
MIRRORS:	OSRV LH/RH POWER REMOTE BLACK	S	S
MOLDINGS:	BLACK, BODYSIDE	S	S
PAINT:	BASE COAT/CLEAR COAT	S	S
TAILGATE:	ONE-PIECE	S	S
TIRES:	P215/70R-15 ALS B/W	S	S
	COMPACT SPARE W/UNDERBODY CARRIER W/HOIST	S	S
WHEEL COVERS:	15" COMPOSITE BOLT-ON	S	S
WHEELS:	15 X 6 STEEL	S	S
WIPERS:	VARIABLE WINDSHIELD, REAR WINDOW W/FIXED/ DELAY/WASHER	S	S

# VENTURE (CARGO VAN)

## Model 1UM06/1UM16 (Extended Wheel Base)

**MODEL AND BODY**

	DESCRIPTION	MODEL	WHEELBASE		DESCRIPTION	MODEL	WHEELBASE
20,739	3-DOOR EXTENDED WHEELBASE			21,329	4-DOOR EXTENDED WHEELBASE		
	VENTURE.....	1UM06	120"		VENTURE.....	1UM16	120"

\*Includes Destination and Handling Charges

### PREFERRED VEHICLE

NO DELETIONS ALLOWED. ADDITIONAL OPTIONS/SUBSTITUTIONS (WHERE INDICATED)  
MAY BE ORDERED FROM THE ADDITIONAL OPTIONS LISTINGS

	1SJ	1SK
<b>Base Equipment Group</b>	x	x
<b>Preferred Equipment Group 1</b>		
Speed Control w/Resume Speed		x
Power Windows w/Driver Express Down		x
Remote Keyless Entry		x

### ADDITIONAL OPTIONS

**OPTION**

**ACKNOWLEDGEMENTS:**

- R8S Multiple Order Numbers
- R8T Preliminary Invoice

VK3 **BRACKET: License Plate, Front**

**DEFOGGER: Rear (MUST SPECIFY W/O AB7)**

C49 ~~Rear Window Electric (Incl w/AJ1)~~

R9W Rear Window Not Desired

**EMISSION: (MUST SPECIFY) (Refer Emission Requirements Tab Section)**

- FE9 Federal Emission Requirements
- NG1 New York, Massachusetts or Connecticut Emission Requirements
- YF5 California Emission Requirements
- NB8 CA, NY, MA or CT Emission Override (Reqs FE9 Emissions)
- NC7 Federal Emission Override (Reqs YF5 or NG1 Emissions)

**GLASS:**

- AJ1 Deep Tinted (Mid and Rear Side and Rear Liftgate) (Incls Rear Defogger)
- ACG Opaque (Black) (Mid and Rear Side) (Incls Regular Tinted Rear Liftgate Glass)
- AB7 ~~Deep Tinted Rear Liftgate (Reqs ACG Opaque Mid and Rear Side Glass)~~

**HEATER:**

- K05 Engine Block
- C36 Rear Auxiliary

V54 **LUGGAGE CARRIER:**

## VENTURE (CARGO VAN)

### ADDITIONAL OPTIONS CONT'D

#### OPTIONS

##### RADIO EQUIPMENT:

UM6 Electronically Tuned AM/FM Stereo Radio w/Seek-Scan. Digital Clock and Cassette Tape

##### SEATS: (MUST SPECIFY)

AV5 Vinyl Bucket Reclining

AR9 Cloth Bucket, Reclining (Incls Passenger Underseat Storage Drawer. Scotchgard Fabric Protection.

Seat Back Map Pockets, Driver and Passenger Cloth Front Door Inserts and Front Seat Inboard Armrest)

FE3 **SUSPENSION:** Touring (Incls Load Leveling Suspension and XPU Tires) (Does Not Include Auxiliary Air Inflator)

UA6 **THEFT DETERRENT SYSTEM:** Interior Content (N/A 1SJ)

##### TIRES:

XPU P215/70R-15 Touring Radial

P42 P215/70R-15 Self Sealing Touring Radial (Incls XPU Tires)

NW9 **TRACTION CONTROL:**

V92 **TRAILERING PROVISIONS:** (Reqs FE3 Suspension) (Incls H. D. Cooling w/Engine and Oil  
Transmission Oil Cooling



## VENTURE (CARGO VAN)

### INTERIOR AND EXTERIOR COLOR AVAILABILITY CHART

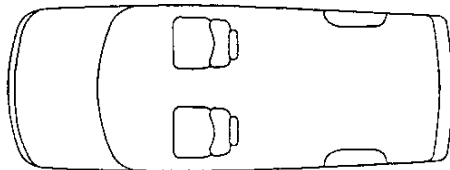
**PLEASE NOTE:** The Exterior Paint and Interior Trim Combinations Shown Below are the Only Combinations Available.

TRIM LEVEL	(a) SEAT	INTERIOR COLORS
Seat Type	Opt	Med Gray
Vinyl Reclining Bucket	AV5	14N
Cloth Reclining Bucket	AR9	14B
Exterior Colors	Color Code	RECOMMENDED INTERIOR TRIM COLORS
Solid Paint		
Granite, Dk (Met)	32U	x
Green, Med Lichen (Met)	47U	x
Malachite, Med (Met)	42U	x
Red, Carmine	09U	x
Sapphire, Dk (Met)	28U	x
Silver (Met)	13U	x
Teal, Dk (Met)	35U	x
White, Bright	16U	x

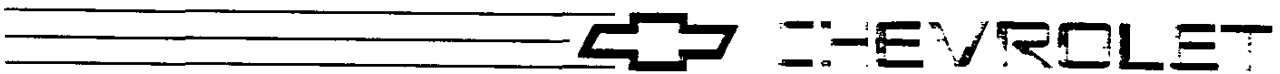
(a) Seat Option Must Be Specified

### AVAILABLE SEATING ARRANGEMENT

(See Interior and Exterior Chart for Restrictions)







For Release: September 1, 1997

Contact: Chevrolet Communications  
Phone: 1-800-CHEVY-MI  
or (810) 492-8841  
Fax: (810) 492-8853

11731-6/97

## **NEW ONSTAR PACKAGE AND ADDED CONVENIENCES HIGHLIGHT THE 1998 CHEVY VENTURE**

WARREN, Mich. — It started with years of market research from four continents and 42 customer clinics to find what customers truly wanted in a minivan. As a result, Chevy created Venture, GM's globally designed minivan, and the newest member of the Chevy van family. In its first year, Venture challenged the established nameplates by offering many unique and innovative features designed to help families get what they want — more flexibility and greater freedom.

In its second year, Chevy Venture adds to those innovations with the optional OnStar system. OnStar combines the vehicle's cellular phone (provided in the OnStar Package) with Global Positioning System (GPS) satellite technology and a 24-hour OnStar Center. For example, the system automatically notifies the OnStar Center whenever the vehicle's air bags deploy so emergency services can be dispatched. If the vehicle is stolen, OnStar can track it and notify authorities of its location for quick recovery. OnStar advisors can access the center's database to find such things as a nearby ATM, hotel or restaurant. The OnStar Center — using GPS — can also give directional support. And, for the ultimate in "remote control," OnStar can unlock the power door locks if the keys are left inside — all with just a phone call.

Venture also provides the security of Remote Keyless Entry, which works with the Multi-Function Alarm, Locks and Lighting (M.A.L.L.) system to provide a wide range of door-lock and lighting options. A standard Passlock® theft-deterrent system provides additional security by disabling the vehicle's ignition system if starting is attempted with a counterfeit key.

1998 also brings several new convenience features to Venture. All 1998 Venture models (except Venture Cargo Minivan) offer optional rear-quarter power vent windows. A larger overhead console with a Driver Information Center is also available for LS

— MORE —

11731-6/97

models. And, the base-level models now offer the option of sporty cast-aluminum wheels and a menu of sound system upgrades.

Venture continues to offer an array of standard features that set it apart from the minivan crowd. In fact, no other comparably priced minivan offers Daytime Running Lamps with Automatic Exterior Lamp Control, anti-lock brakes, air conditioning, Scotchgard™ Protector and front/rear floor mats as standard equipment.

There's also the pollen filter which helps trap impurities from the air. And, an exclusive windshield-integrated antenna helps reduce wind noise and static interference.

"Chevy Venture was designed to be the 'no-compromise' vehicle for minivan customers," said Karen Francis, Chevy Venture Brand Manager. "The design team spent years ensuring they could deliver more of what customers demanded, and set goals to design a vehicle that rises above the standards of what has become a cookie-cutter segment."

Another Chevy Venture advantage lies in the versatility offered by its doors ... an area where Venture slams the competition. For 1998, Venture customers can get the convenience of dual sliding side doors on regular wheelbase models. Venture also offers an optional exclusive power sliding side door not offered by Ford and Dodge minivans, that can be opened three ways — by a button on the interior B-pillar, a control on the overhead console or through the Remote Keyless Entry fob.

Another Venture exclusive is the "flip-and-fold" design for available split-bench and modular seats, which provides access to extra floor space without having to remove the seats. Built on a magnesium frame, the optional modular seats tip the scale at a lightweight 38 lbs. each, providing convenient, one-person removal and installation, when required.

And, Venture delivers the power minivan customers said they want, with a standard 3400 V6 SFI engine that delivers 180 horsepower and 205 lb.-ft. of torque, more standard power than Ford Windstar GL or any of the three engines offered by Dodge Caravan.

While Chevy Venture compact exterior dimensions make it more nimble in some situations than either Ford or Dodge minivans, Venture makes optimum use of interior space, offering up to 11.9 more cubic feet of cargo room than Windstar. It also provides the flexibility to carry 4' x 8' sheets of plywood with the liftgate closed in extended wheelbase models, when the rear seats are folded or removed.

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Customers also have the option of an array of GM Accessories to customize their Venture. A rooftop luggage carrier, splash guards, ski rack and interior or exterior bike racks make adventuring easy. Interior features like a compact disc changer, seat backpack for extra storage, vent visors and electric hot/cold console add an extra measure of convenience.

In its first year, Venture caught the attention of the press, receiving several "bests" from the automotive industry, including "Best New Van" (Automotive Journalists Association of Canada); "Best Buy" recommendation (*Consumers Digest*); "Best in Class" and "Best New Minivan" (*Kiplinger's Personal Finance Magazine*); and the 1997 Driver's Choice Award.

Designed to provide exceptional ride and handling and a unique lineup of convenience and easy-to-use features, many not offered on any other minivan on the market, there's no doubt that the 1998 Chevy Venture has the potential to become the new benchmark in a competitive arena.

###



## 1998 Chevy Venture



Chevy Venture Extended Wheelbase LS with PEG 1SH

### WHAT CHEVY VENTURE IS

In the crowded world of minivans, Chevrolet brought a new choice to market in 1997. And, since its introduction, Venture has received a multitude of positive press reviews and captured a variety of awards. And, the first quarter of the 1997 calendar year reflected that sentiment as well, with Venture sales setting Chevrolet minivan sales records.

That's because Venture combines many innovative and unique features that offer time-challenged families a safe, versatile and flexible transportation alternative. Venture is the direct result of in-depth research into the demands and needs of the minivan market. As a result, it offers contemporary exterior styling, standard seven-passenger seating, generous cargo room, trailering up to 3,500 lbs. when properly equipped and designed to provide excellent ride and handling.

Versatility is the key to the Venture credo of "family freedom," with options like exclusive "flip-and-fold" modular seating\* built on lightweight magnesium frames to allow for easy installation and removal. A passenger-side power sliding door gives Venture an advantage over Dodge Caravan, while available dual sliding doors offer convenience not available with the Ford Windstar.

Chevy Venture also offers many standard features that are only available as options on the competition, including air conditioning, power door locks, power mirrors, floor mats and Daytime Running Lamps (DRL) with Automatic Exterior Lamp Control. Venture also offers more standard horsepower than either Ford Windstar GL or any of the Dodge Caravan engines. In total, the array of Venture standard interior comfort and convenience features add up to the best value in the minivan market.

New features for the 1998 model year include OnStar Communications System, which provides an added measure of security, as well as passenger-side power sliding door availability on regular wheelbase models. Enhancements to LS models include adjustable lumbar support on the front-passenger seats, power vent rear windows, optional captain's chairs, and an overhead console.

Among Venture industry awards are *Consumer's Digest* "Best Buy" recommendation for vans, "Best in Class" and "Best New Minivan" from *Kiplinger's Personal Finance Magazine* and a "1997 Drivers' Choice" Award from the television series, "MotorWeek."

\*Excludes other GM vehicles.

### Chevy Venture Models:

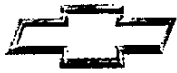
- Regular wheelbase 3-Door\*
- Extended wheelbase 3-Door\*
- Regular wheelbase 4-Door\*
- Extended wheelbase 4-Door\*
- Extended wheelbase 3- or 4-Door Cargo Minivan.

\*Available in Base level and LS trim levels.



### What's New For 1998:

- Optional illuminated visor vanity mirrors (page 5)
- Removal of lock cylinders from sliding side doors (page 8)
- Optional larger overhead console with Driver Information Center (page 5)
- Power sliding side door availability for regular wheelbase models (page 8)
- OnStar Advanced Communication System (page 5)
- Additional content available on base-level models include:
  - Dual sliding side doors
  - Cast-aluminum wheels
  - Premium radios and rear audio controls
- LS trim enhancements include:
  - Front-passenger adjustable lumbar support
  - Optional second row
- Optional overhead console with Driver Information Center
- Standard power rear-quarter vent windows (page 5)
- Front-passenger assist grip
- Cargo model (page 2).



# 1998 Chevy Venture

## Competitors

- Dodge Caravan
- Dodge Grand Caravan
- Plymouth Voyager
- Plymouth Grand Voyager
- Ford Windstar
- Nissan Quest
- Mercury Villager
- Honda Odyssey
- Toyota Sienna

## Key Advantages\* Over Dodge Caravan

- Chevy Venture offers the availability of a passenger-side power sliding door, not available on Caravan.
- Venture offers greater seating flexibility and lightweight modular seats, not available on Caravan.
- The Chevy Venture standard 3400 V6 engine delivers more horsepower than any of the Dodge Caravan engines.
- Caravan does not offer Daytime Running Lamps (DRLs) with Automatic Exterior Lamp Control, standard on Chevy Venture.
- Venture has a standard 4-speed automatic transmission, an extra-cost option on Caravan.
- ABS, standard on Venture, costs Base Caravan customers \$565.
- Venture offers up to 17 cup holders, compared to Caravan's eight.
- Venture sliding door openings are more than 2 inches wider than those on Caravan, making entries and exits easy. (Applies to extended models.)

\*Based on 1997 competitive vehicle comparisons.

## MODELS AND TRIM LEVELS:

### Venture Base-Level Models (Regular And Extended Wheelbases)

A comprehensive array of standard performance, safety, comfort and convenience features are included in the 3- and 4-Door base-level models. These include:

- Seven-passenger seating arrangement
- Air conditioning
- Rear-passenger assist grips
- Driver and front-passenger map pockets
- Overhead and center storage consoles
- Front-, second- and third-row cup holders
- Carpeted front/rear floor mats
- Scotchgard™ Protector
- Pollen filter
- Two auxiliary power outlets
- Front-seat walk-through convenience net
- Adjustable-height driver and front-passenger shoulder safety belts
- Rear-seat safety belt child comfort guides
- Tilt-Wheel™ Adjustable Steering Column
- Air bags, driver and front-passenger
- Power outside rearview mirrors
- Inside rearview mirror with day/night feature
- Solar-Ray tinted glass
- HVAC system includes front side-window defoggers and rear heat ducts
- Electronically tuned ETR AM/FM stereo (4-door models include standard cassette player)
- Multi function Alarm, Locks and Lighting (M.A.L.L.) system
- 3400 V6 SFI Engine with 180 hp
- 4-speed electronically controlled automatic transmission with Overdrive
- Variable-effort power steering
- Battery-rundown protection
- 4-wheel anti-lock brake system (ABS)
- Stainless-steel exhaust system
- Daytime Running Lamps with Automatic Exterior Lamp Control
- Intermittent wipers
- Rear-window washer/wiper

- Power door and liftgate locks
- Windshield-integrated antenna
- P205/70R-15 blackwall all-season steel-belted radials with steel wheels and 15" plastic bolt-on wheel covers (regular wheelbase models only)
- P215/70R-15 blackwall all-season steel-belted radials with steel wheels and 15" plastic bolt-on wheel covers (extended wheelbase models only).

### Venture LS Trim Package

The 1998 LS Trim Package adds the following equipment to all Venture models:

- Custom front bucket seats with driver and front-passenger adjustable lumbar support and adjustable head restraints
- Optional second-row captain's seats
- Remote Keyless Entry
- Power driver and front-passenger windows
- Electronic speed control with Resume Speed
- Rear-quarter power vent windows
- Front-passenger assist grip
- Third-row interior roof rail lighting
- Custom Cloth interior trim
- Rear liftgate cargo net
- Electronically tuned AM/FM stereo with cassette player and automatic tone control, speed-compensated volume, TheftLock security feature and co-axial front/rear speakers.



### Chevy Venture Cargo Minivan (Extended Wheelbase Only)

For 1998, Venture offers an extended wheelbase (120") Cargo Minivan, available in both 3- and 4-Door base-level models. And, Venture recognizes the importance of convenience and comfort, even if the vehicle isn't being used for carting the whole family around. As a result, Chevy Venture Cargo Minivan offers an extensive array of standard features drivers will appreciate, including:

- 4-wheel anti-lock brake system (ABS)





## MODELS AND TRIM LEVELS: (contd)

- Daytime Running Lamps with Automatic Exterior Lamp Control
- Driver and front-passenger air bags
- Adjustable-height driver and front-passenger shoulder safety belts
- Front air conditioning
- Driver and front-passenger map pockets
- Driver and front-passenger vinyl high-back bucket seats
- Tilt-Wheel™ Adjustable Steering Column
- Variable-effort power steering
- Manual swing-out rear-quarter windows
- Intermittent windshield wipers
- Rear-window wiper with fixed/delay feature and washer.
- Front-seat cup holders and convenience net
- Pollen filter
- Solar-Ray tinted glass and windshield
- Windshield-integrated antenna
- Inside rearview mirror with day/night feature
- Power outside rearview mirrors
- Power door and liftgate locks
- AM/FM stereo with Seek feature and digital radio with dual front speakers
- 3400 V6 SFI Engine with 180 hp
- 4-speed electronically controlled automatic transmission with Overdrive
- Battery-rundown protection
- Stainless-steel exhaust system.

## THE CHEVROLET FAMILY OF VANS

Chevrolet offers six distinctly styled vans, the broadest combination of any manufacturer in the industry. These vans

provide customers an unmatched selection of Van options in size, power, economy and utility. Chevy Express Van, Chevy Van, Astro Passenger and Cargo Vans, Venture Passenger van and the new-for-'98 Venture Cargo Minivan can be equipped to meet the needs of virtually any van customer, whether for personal or commercial use.

**Chevy Express** — With seating for up to 15 people or up to 316.8 cubic feet of room with rear seating removed, Chevy Express is the ideal "people mover". It serves both commercial and personal applications that require "anything goes" versatility in a full-size van.

**Chevy Van** — Offering full-size van flexibility and rugged truck durability, Chevy Van provides exceptional comfort, impressive safety features, superior towing capabilities, and is ideal for conversion upfitting or serious cargo-carrying applications.

**Astro Van** — Chevy Astro Van (Passenger and Cargo models) is a versatile work-horse, offering a combination of people-moving (up to 8 passengers), cargo-carrying (up to 170.4 cu. ft.) and trailering capabilities (up to 5500 lbs., when properly equipped).

**Venture** — The Chevy Venture completes the Chevrolet family of vans, offering time-challenged customers optimum flexibility, comfort and convenience, while providing "space on demand," impressive ride and handling, and more standard power of than most minivans in its class. And, with the addition of the 1998 Venture Cargo Minivan model, offering impressive cargo room, no other manufacturer can meet the array of model options offered by Chevrolet.

## A Journey In Family Freedom ...

So, the day is already packed with taking the kids to little league, picking up material for that weekend project, then stopping off at the grocery store. With so many demands on people's time, it's nice that Chevy Venture, like a reliable friend, offers the freedom and flexibility to meet the demands of busy lifestyles.

Here are just a few reasons why Venture meets the needs of the time-challenged minivan customer:

- Seven-passenger seating
- Available lightweight modular seats (38 lbs. each)
- Available power passenger-side sliding door
- Ability to carry 4' x 8' sheet of plywood with liftgate closed (up extended wheel-base model)
- Battery-rundown protection
- Stainless-steel exhaust system
- The ability to travel up to 100,000 miles before the first scheduled tune-up
- Long-life automatic transmission fluid will not need to be replaced for at least 100,000 miles under normal operating conditions
- Extended-life coolant that doesn't need to be changed every 50,000 miles
- Two-side-galvanized steel used for corrosion protection on all panels (except the roof); warranted against rust-through for 6 years/100,000 miles.\*

\*Maintenance needs vary with different uses and driving conditions. See owner's manual for more information.





## 1998 Chevy Venture

### Gloves to Gesundheits.

Let's face it. A glove box is a glove box, right? When it comes to Chevy Venture, think again. Engineers made sure they thought of everything when they designed the Venture interior — even the “little” things, which, it turns out, aren't always so little.

The Venture glove box has a whopping 8.4 liters of usable space. In real life, that means it can hold a lot more than gloves, like a removable storage bin for tapes, CDs or other valuables that is designed to lock inside. Plus, every Venture glove box pocket has built-in pen and tissue holders. Big deal? Well, we think so. In our research, it seemed that most parents stated a need for a handy pen to jot down notes or fill out a bank deposit slip, or a tissue to wipe a runny nose. And — since it's something the competition didn't think about — we don't see it as anything to sneeze at.

### SAFETY

With a long history of setting automotive safety milestones, GM is a world leader in automotive safety research, development and testing. The 1998 Venture exemplifies that dedication, providing a comprehensive system of standard safety features, emphasizing crash avoidance and occupant protection. Venture owners not only get a reliable, flexible, “easy-to-use” minivan, but more important, they get additional peace of mind, as well.

#### Crash Avoidance Features

- **Standard Daytime Running Lamps (DRL) with Automatic Exterior Lamp Control** turn on automatically when the ignition is started to increase Venture visibility to other drivers. A sensor detects when outside light is reduced enough to warrant full headlamp use and engages all exterior lamps automatically.
- **4-wheel anti-lock brake system (ABS)**, standard on Venture, automatically applies the needed brake pressure to the front and rear wheels during hard braking situations, minimizing wheel lockup and helping maintain steering control.
- **Brake/transmission shift interlock**, standard on all Venture models, requires drivers to depress the brake pedal to shift out of Park.
- **Traction control**, optional for all Venture models, automatically activates if wheels should spin on slick surfaces. A sensor detects the spinning and automatically applies the brakes while retarding fuel flow to the engine, slowing and stabilizing the vehicle to provide traction.
- **Standard Solar-Ray light-tinted glass** reduces road glare.
- **Large halogen headlamps** provide a wide illuminated forward path.

#### Occupant Protection Features



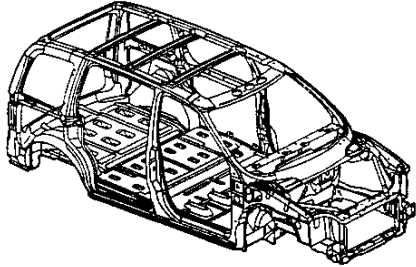
- **Standard dual air bags** are designed to supplement safety belts, restraining front-seat occupants in the event of a frontal impact.

#### Other Important Safety Features Include:

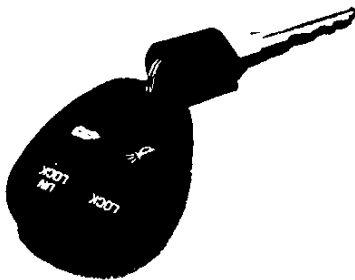
- **High-strength steel side-guard door beams** in front and sliding side doors help protect occupants from intrusion into the passenger compartment.
- **Child security rear-door locks**, when engaged, prohibit the sliding side doors from being opened from the inside.
- **Integral child safety seats**, optional for second-row split-bench or modular seats, provide security for young passengers weighing up to 60 lbs., and eliminate the need to carry an individual child-restraint seat.
- **Rear-seat safety belt child comfort guides**, standard on every Venture model, adjust the angle of safety belt crossover, making the safety belts more comfortable for small occupants riding in the backseat.
- A standard **three-point energy-absorbing safety belt system** helps restrain outboard passengers and minimizes chest injury to passengers in moderate to severe collisions.



## SAFETY (contd)



- Front and rear crush zones are designed to deform in a controlled manner in the event of a collision, helping absorb impact energy in order to help reduce intrusion into the passenger compartment.
- Energy-absorbing steering column and instrument panel are designed to absorb collision impact, reducing injury to the driver's body.
- Standard Multi-Function Alarm, Locks and Lighting works with the available Remote Keyless Entry to provide owners with several programmable door locking and unlocking features, as well as multiple lighting and alarm options.



- Remote Keyless Entry, available on all models, transmits a uniquely coded high-frequency radio signal, which activates the door and liftgate lock/unlock functions, power sliding side door and interior lights from up to 30 feet away from the vehicle.

## VENTURE INTERIOR FEATURES

Venture provides a roomy interior with seating for up to seven passengers, more interior cargo room and more standard convenience features than most minivans in

its class. It was designed for maximum use of interior space, while providing superior flexibility with seating, that is easy-to-remove-and-install.



- Standard rear vent windows open outward to provide extra ventilation for rear-seat passengers.



- A new, optional overhead console, available with LS trim packages, features a Driver Information Center, which includes an English/Metric conversion switch, ambient air temperature display, compass, multiple fuel information readouts, and average speed readout. The DIC has two buttons for driver control of the display. One button steps the display through the various information modes. The second button provides reset functions.



- Illuminated left and right visor vanity mirrors, come equipped on Venture LS models with optional overhead console.



- OnStar, an advanced communication system is now available on Venture as a dealer-installed option. OnStar integrates advanced on-board vehicle electronics with Global Positioning System satellite technology and a cellular phone to link the driver and the vehicle to the OnStar Center. This allows the driver to access a variety of services, such as travel directions, roadside assistance and emergency services. Because the system incorporates GPS technology, the driver does not need to know the vehicle's location for the services to reach them. The system also enhances vehicle and occupant security by alerting the OnStar Center of air bag deployment, locating and tracking a stolen vehicle and allowing remote door unlocking via satellite.

### Other Interior Features:

- Air conditioning, standard on all Venture models, uses CFC-free refrigerant that does not contribute to ozone depletion

## Someone To Watch Over Me.

Feeling pretty confident before that big-road trip? What could possibly go wrong with a brand new van with Roadside Assistance? How about locking the keys inside the van, or — heaven forbid — being in an accident and not knowing where the police station is? There is a solution ... OnStar.

Venture offers an available OnStar system, which not only provides a cellular phone, but someone to call. And, the friendly folks at the OnStar Center can help lost drivers, because it knows exactly where they are. The OnStar system also includes Global Positioning System technology to pinpoint the exact location of the vehicle. Couple that with the ability to detect when the van's air bags deploy, and the OnStar Center can not only alert emergency personnel, but also provide them with the vehicle's location — vitally important when seconds count.

- OnStar will also:
  - Unlock the vehicle's doors remotely (in case keys get locked inside)
  - Track the van's location if it's reported stolen
  - Provide drivers with the location of the nearest ATM, florist, hotel, or ... whatever.



## Hide and Seek

OK, what's invisible, not a standard feature in other minivans and will be music to owners' ears? Give up? It's a windshield-integrated antenna, which replaces the typical mast antennas used on other minivans.

Engineers took a feature that no one really thinks much about, except when it gets ripped-off in the car wash or gets stolen from the mall parking lot, and put it in a place where no one will find it. In fact, it's a feature that might impress people by what they don't see.

**How does it work?** Engineers took a conductive film and sandwiched it between the glass of the windshield.

**The benefit?** The "hidden" antenna virtually eliminates wind noise and static interference that can occur with mast antennas. And, owners can travel worry-free through the carwash. That is, unless a window has mistakenly been left open...

## Key Advantages over Ford Windstar\*

- More standard power in a base-level model
- Two wheelbase choices
- Greater seating flexibility
- Available dual sliding side doors
- Available power sliding side door
- Narrower exterior width with more maximum cargo space
- More cup holders and storage spaces

\*Based on 1997 comparison.

## INTERIOR FEATURES (contd)

- An **air conditioning compressor** is automatically activated to prevent window "flash-fogging" when the defrost mode is selected
- Optional on extended wheelbase models, **rear HVAC controls** offer separate temperature controls for rear-seat passenger comfort
- Optional **electric rear-window defogger** clears the critical center area faster than other systems
- Standard **integrated rear-seat air ducts** for heater, ventilator and air conditioning systems maximize rear-passenger comfort
- A **removable pollen filter**, standard on every Venture model, helps trap impurities from the air that can be an irritation to occupants
- Standard **intermittent wipers** allow the driver to match wiper speed with weather conditions for optimum visibility
- Standard **power door locks** add one touch locking convenience
- **Tilt-Wheel™ Adjustable Steering Column**, standard on all Venture models, tailors the wheel to the most comfortable, individualized wheel position
- **Adjustable front safety guide loops** on Venture allow the shoulder safety belts to be adjusted up and down to fit any occupant more comfortably
- **Safety belt child comfort guides**, standard for second- and third-row driver-side outboard seating positions, adjust the angle of safety belt crossover, making safety belts more comfortable for children riding in the backseat
- **Scotchgard™ Protector** helps protect cloth seating surfaces and door panel trim from stains and makes cleanups easy
- Up to **17 cup holders** are available on all Venture models, and are designed to hold various-size cups, including juice boxes
- Up to **26 storage compartments** are found throughout Venture, including front passenger underseat stowage, and a removable CD/cassette bin that can be locked inside the glove box
- A **convenience net** comes standard between the front seats, and an additional rear sidewall cargo net holds groceries or games in place
- **Two auxiliary electrical power outlets**, one in the instrument panel and one in the rear cargo area, accommodate electronic games, television or cellular phone cords
- A **20-foot portable air hose** is included with the optional load-leveling suspension, providing an inflation source for tires, air mattresses, inner tubes, etc. (Not included on cargo model with load-leveling suspension)
- **Theatre seating** integrates a gradual rise in the floor to provide excellent visibility for second- and third-row passengers
- **Overhead console**, standard on all Venture models, features two reading lamps, a storage compartment and optional power sliding side door control switch
- **Interior lighting** includes glove box, ashtray, overhead console, rear cargo area and underhood as standard. Third-row roof rail lighting is standard on 4-Door models and on 3-Door models with optional LS trim
- Standard **driver and front-passenger sunshades** with visor vanity mirrors and map straps hold important papers and maps in place — and within reach
- **Locking glove box** has 8.4 liters of storage room and includes a pen and tissue holder
- **Rear window wiper** is standard on all Venture models and features a fixed-delay feature
- **Windshield-integrated antenna** reduces wind and static interference and reduces the occurrence of most vandalism and car-wash damage.



## INTERIOR FEATURES (contd)

### Audio Systems

While it's impossible to forecast everyone's musical tastes, Venture offers several sound systems with the technology and features designed to complement all varieties of music, from jazz to country and in-between.

Uplevel cassette and compact disc player systems feature speed-compensated volume. This feature automatically adjusts the volume of the audio to the vehicle's speed, compensating for road noise. Also featured is automatic tone control, which sets equalizer levels with one-touch for talk and a variety of music programs.

#### Available Sound Systems On Venture:

- Electronically tuned ETR AM/FM stereo, standard on all Venture base-level models, is equipped with seek-scan, digital clock and extended-range front and rear\* speakers
- Electronically tuned ETR AM/FM stereo with cassette player, seek/scan, digital clock, and extended-range front and rear speakers is available on non-LS models
- Electronically tuned ETR AM/FM stereo with cassette player, TheftLock security feature, speed-compensated volume, automatic tone control, seek-scan and digital clock, and includes premium coaxial front and rear speakers is standard on LS models and optional on other models\*
- Electronically tuned ETR AM/FM stereo with compact disc player, TheftLock security feature, speed-compensated volume, automatic tone control and digital clock is optional on all models\*
- Electronically tuned ETR AM/FM stereo with seek-scan, digital clock, and dual front speakers is standard on Venture cargo Minivan
- Electronically tuned ETR AM/FM stereo with cassette player, seek-scan, digital clock and dual front speakers is optional on Venture Cargo Minivan



- Now available on all Venture models equipped with an uplevel sound system, **dual mode sound system** with rear audio controls and dual earphone jacks allows second-row passengers to listen to separate music sources than front-seat passengers.

*\*Except Venture Cargo Minivan.*

### Seats

Venture provides standard seven-passenger seating, along with up to 32 different seating configurations with optional modular seating to meet any customer's needs. All Venture seating is built on lightweight magnesium frames that permit quick and easy removal, installation and reconfiguration of interior space on demand.

In addition, Venture second- and third-row split-bench and modular seating has an exclusive flip-and-fold design. Once the seatbacks are folded down, a lever can be pulled that positions the seat up from the floor and forward to provide additional space without having to remove the seats.

Further, all Venture seating is "pressure-map" designed, which adds comfort and reduced back strain on long trips.

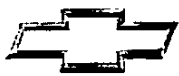


- Second-row captain's seats are a new-for-1998 option for Venture models equipped with the available LS trim packages.

### Square Pegs In Round Holes ...

They said it couldn't be done. Square pegs in round holes? Well, engineers kept at the drawing board until, finally it happened. Those juice boxes kids love so much can fit into the same cup holders that hug soda cans ... in a Venture. In fact, Venture cup holders can even hold giant thirst cups from the corner convenience store.

And, with up to 17 available cup holders (more than any other minivan), Venture can hold more liquid than a camel, or at least as much as a thirsty little league team might require. Which is good news for parents, since they won't have empty soda cans and juice boxes rolling around the minivan.



# 1998 Chevy Venture

## Ford Windstar's King Door ... (Or, Should We Say "Ding" Door?)

Sometimes bigger isn't better. At least in the case of the Ford Windstar Driver's "King Door," a new feature for 1998 Windstar models, which can be — to put it simply — a royal pain in the neck.

The King Door is 6 inches longer than doors on previous models, and is Ford's attempt to compensate for not offering a driver-side passenger sliding door, like Venture offers, for easier rear-seat passenger access.

But here's the rub. Ford is claiming this new door requires only one extra inch to open. (But it's a six-inch longer door, so... how can that be?)

Ford engineers had to reduce the angle of entry to allow for the extra length of the door. This means that at the door's first stop position, there is 7.5 degrees less entry room, and at the full open position — a whopping 10 degrees less room to enter and exit.

So, while Ford is hailing this door as fit for a king, a driver may have to be the size of a pretty slim prince to get in and out in a tight parking situation.

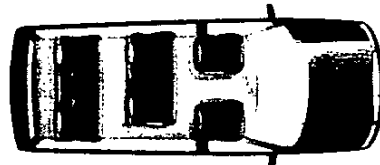
## INTERIOR FEATURES (contd)



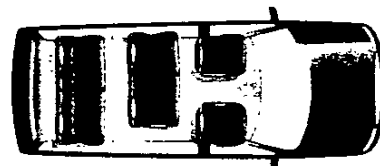
### Other Venture Seating Highlights Include:

- Two front standard cloth high-back reclining bucket seats\* and driver 4-way manual seat adjuster come standard on Venture models.

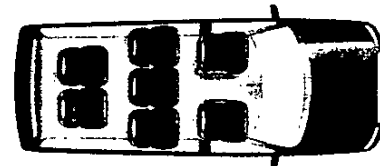
\*LS trim level provides Custom Cloth seats and available 6-way power driver seat.



- A 2-passenger second-row full-bench seat and 3-passenger third-row full-bench seat are standard on the 3-Door regular wheelbase models



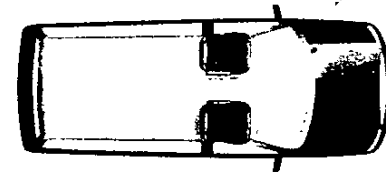
- A 2-passenger 40/60 split-bench second-row seat and 3-passenger 50/50 split-bench third-row seat are standard on the 4-Door regular wheelbase and all extended wheelbase models, and optional on the 3-Door regular wheelbase models



- Second- and third-row lightweight (38 lbs. each) exclusive modular bucket seats\*

are available in all passenger models when LS trim is also specified

\*Excludes other GM vehicles.



- The Venture Cargo Minivan provides two front high-back vinyl bucket seats. As an option, customers can choose cloth bucket seats featuring inboard seat armrests, Scotchgard™ Protector and a passenger underseat stowage drawer.

## Interior Colors\*

- Neutral
- Medium Gray
- Dark Teal.

\*Chevy Venture Cargo Minivan interior available in Medium Gray only.

## VENTURE EXTERIOR FEATURES

Venture has a contemporary, aerodynamically designed exterior, appealing to the style-conscious buyer who doesn't want to compromise looks for the functionality a minivan offers. Venture features a distinctive "egg crate" chrome front grille, with large halogen headlamps that provide a wide illuminated path.

### Other Venture Exterior Features Include:

- **Foldaway outside rearview mirrors** are shaped to cut through the wind, and provide almost 40 square inches of rearview sight, more than Ford or Dodge minivans. **Engineered with a sturdy hinged design,** outside rearview mirrors fold easily against Venture in the event it passes a fixed object too closely
- A **center high-mounted stoplamp (CHMSL)** uses a light-emitting diode (LED) instead of a traditional incandescent bulb. The LED lights 200–250 milliseconds



## EXTERIOR FEATURES (contd)

- faster than incandescent bulbs, providing earlier warning to other drivers and won't burn out
- An extra-large windshield was achieved through the elimination of triangular side windows to provide a greater viewing area
- In addition, a standard **Solar-Ray treatment**, on all windows, keeps the interior of Venture about 20 degrees cooler than vehicles equipped with regular tinted glass
- Front windshield A-pillars are designed to send water from the windshield up onto the roof, allowing the driver better visibility in heavy rains
- Front "full sweep" wipers clear about 71 percent of the windshield for excellent visibility. Wipers retract below the hoodline to help reduce wind resistance and noise while increasing visibility
- Standard fixed-delay rear wiper and washer system provides a 177-degree sweep
- A windshield-integrated antenna reduces wind noise and static that can occur with standard mast antennas, in addition to eliminating theft and car wash damage.

## Doors

All Venture doors open wide to provide excellent access. Sliding side doors were designed to be easy to use, even for small children or physically challenged occupants, while door handles are designed to be ergonomically friendly, turning in the same direction that the door travels.



A driver-side sliding door, now available on regular wheelbase models, also features a stop mechanism which keeps it from interfering with an open fuel filler door



- Lock cylinders are removed from all sliding side doors for a smoother look.

## Other Venture Door Highlights Include:

- A passenger-side power sliding door, optional on all Venture models, can be opened from a button mounted on the B-pillar or overhead console or via a Remote Keyless Entry fob. This door also features a delay-stop mechanism which prevents the door from closing if an object obstructs its path
- Sliding doors feature three tracks, which are all part of an integrated body-side assembly. Tracks are angled two degrees downward from back to front, utilizing gravity to make the doors easier to close
- Venture liftgate is designed to resist bending, and features upright struts, which, unlike angled struts used on some other minivans, are positioned out-of-the-way for more convenient loading access
- The Venture liftgate design uses reinforcements to help eliminate the flexing and "matchboxing" of the liftgate opening that can be caused from traversing the bumps and potholes in the road.

## Exterior Paint

Standard basecoat/clearcoat paint on Venture resists fading and provides a high-gloss shine for long-lasting exterior beauty. The clearcoat system is formulated to minimize the effects of acid rain and other environmental damage. Clearcoat finish is used with all colors — solids and metallics. The paint process builds up six layers of protection on every new Venture.

- A total immersion phosphate electrode position (ELPO) process applies the first layer of primer/paint. Electric voltage is applied to the bodies while submerged in the paint bath to ensure complete coverage, even in hard-to-reach areas.
- A glossy water-based highlighting solution is applied to all exterior surfaces to reveal any imperfections before the body is painted.

## Good Vibrations ...

We've all been there — that queasy, sick-to-your-stomach feeling after hitting the open road. Well, that feeling can be the result of annoying vibrations of a vehicle's structure.

The Chevy Venture continuous body structure design counters this problem by integrating all systems to work in harmony with each other. For example, on some minivans, one component or system can shake just because another system is shaking. This is known as "sympathetic" vibration, and is one of the things that can contribute to motion sickness.

On Venture, the powertrain, suspension, steering, body panels and seating components are integrated to work together. For example, on some vehicles, when a door is slammed, the vibration travels through the structure, causing other systems like the steering column and connecting body panels to shake. On Venture, this "cause-effect" condition is significantly reduced through a more unified system designed to reduce vibration and unwanted motion, and provide a solid, harmonious ride.

Oh, and one other thing ... because of this system design, Venture didn't need to add extra body filler or sound-deadening material to mask undesirable noise and vibration, something some other minivans do.

Venture engineers fixed the problem at the source, which is the way it should be. Because, as they saw it, an ounce of prevention was most definitely worth a pound of cure.



## 1998 Chevy Venture

### Steely Van...

Some minivan owners have seen it happen ... after several years, the minivan's liftgate starts to squeak and rattle, and it may begin to sound like it's travelling through a windtunnel. Latch failure, a worst-case scenario, can even occur. These are all end-results of something known as "match-boxing."

After years of driving over uneven terrain or less-than-smooth pavement, the rear opening of the vehicle flexes out of shape, eventually weakening the structural integrity of the liftgate itself.

Venture engineers tackled this problem head-on, using five key design elements to help add rigidity around the liftgate opening — two hinges at the top, two locating side wedges and a singular latch point at the bottom. Braces at the liftgate corners also help reinforce the opening framework.

Finally, a steel cross-member was positioned directly below the liftgate for support and rigidity. Put 'em all together, and there's one tough liftgate opening.

### EXTERIOR FEATURES (contd)

#### Exterior Colors

- Dark Teal Metallic
- Medium Lichen Green Metallic
- Carmine Red
- Medium Malachite Metallic
- Bright White
- Silver Metallic
- Sandrift Metallic\*
- Dark Sapphire Metallic
- Dark Granite Metallic.

\*Not available on Venture Cargo Models.

### DESIGN AND MANUFACTURING

Chevy Venture is built at the GM assembly plant in Doraville, Georgia. Designers and engineers from around the world embarked on a global search for the ultimate desires and demands of current and potential minivan owners. The design process benefitted from years of market research and an unprecedented 42 customer clinics, which spanned the globe from North America and Europe to Asia. As a result, Chevy Venture is a coalition of customer-pleasing features, all designed to please on-the-go minivan owners worldwide.

### BODY STRUCTURE

Engineers designed the Chevy Venture body structure with the goal to provide a solid, quiet ride, virtually free from engine noise, road noise and vibration, which can be annoying to passengers.

The result was a *Continuous body structure*, which means that the vehicle's underbody structure is designed to work in harmony with all of the other component groups, such as the suspension, powertrain, body panels, steering and seating.

#### *Continuous Body Structure*

##### Features Include:

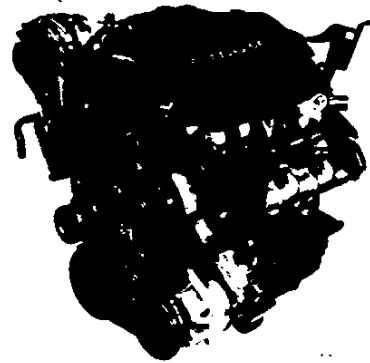
- Steel vertical pillars, longitudinal rails and side-to-side cross members which form a solid, cocoon-like structure. This system resists bending as the vehicle moves over uneven terrain, even through many years of driving.

### Benefits Of Continuous Body

#### Structure Include:

- Door, window, and liftgate openings hold their designed shape, resisting the "matchboxing effect" that can occur with other structural systems
- Engine and road noise/vibration are absorbed and suppressed by the body's structure before they reach the interior of the vehicle
- A solid structural design allowed narrow pillars and larger window areas designed to provide excellent forward visibility
- Steering, suspension, and powertrain systems are more likely to last longer, since overall vehicle vibration is reduced.

### ENGINE



#### 3400 V6 SFI Engine (LA1)

All 1998 Venture models are equipped with a 3400 V6 engine with Sequential Fuel Injection, providing more standard horsepower than Ford Windstar GL, any of the three optional Dodge Caravan engines, as well as standard engines offered on Mercury Villager, Nissan Quest and Honda Odyssey.

The transverse-mounted 3400 V6 SFI features an even-firing 60-degree configuration.

- This overhead-valve V6 is a larger displacement version of GM's 60-degree 3.1 liter V6; the increased horsepower and torque are results of larger cylinder bores and a high compression ratio of 9.6:1.

\*Based on 1997 comparisons.





## ENGINE (contd)

### Additional Features And Credentials Of The 3400 V6 SFI Engine Include:

- 180 horsepower at 5200 rpm
- 205 lb.- ft. of torque at 4000 rpm
- Towing capacity of 3,500 lbs. when equipped with the optional Towing Provisions Package and proper towing equipment
- Low-coolant and low-oil level indicators alert the driver before serious engine damage occurs
- A highly-efficient air-flow induction system, that includes a large air cleaner with a mass air flow sensor, provides precise air-metering and control of air/fuel ratio
- Forged alloy steel connecting rods provide impressive durability
- An "assembled" steel camshaft is made up of individual lobes and journals that are permanently locked onto a hollow tube for reduced valvetrain inertia and outstanding durability
- Platinum-tip spark plugs are designed to go up to 100,000 miles before their first scheduled change
- Extended-life coolant is designed to go up to 5 years or 150,000 miles\* before needing replacing
- OBD II (On-Board Diagnostics Second Generation) provides an enhanced Powertrain Control Module (PCM) that monitors the emissions system and components to detect deterioration or malfunction
- Low-friction roller rocker arms and roller lifters improve drivetrain efficiency and promote impressive fuel economy
- 24X ignition system sends 24 crankshaft reference signals to the PCM for each crankshaft revolution, providing more precise monitoring of engine position and improving spark delivery, allowing impressive exhaust emissions control at low rpm levels

- An engine acoustic cover muffles engine sound, contributing to a quiet ride.

*\*Maintenance needs vary with different uses and driving conditions. See owner's manual for more information.*

## ON-BOARD DIAGNOSTICS SECOND GENERATION (OBD II)

Venture models benefit from On-Board Diagnostics Second Generation, which monitors vehicle systems and alerts the driver to a possible problem. A powerful Powertrain Control Module is used to monitor the emissions system and its components to detect deterioration or malfunction.

- The powerful PCM stores and retrieves diagnostic messages to help technicians diagnose and fix problems quickly and accurately.
- The PCM alerts the driver by illuminating the "Service Engine Soon" light when it detects a deterioration in the performance of any of the monitored systems.
- Unlike first-generation systems that signaled only system failures, OBD II alerts the driver to have the vehicle serviced before experiencing a possible breakdown or incurring more expensive repairs.

## SEQUENTIAL FUEL INJECTION (SFI)

Sequential Fuel Injection, standard on all 1998 Venture models, is a far cry from yesterday's fuel-control systems, such as Electronic Fuel Injection or Multi-Port Fuel Injection. SFI optimizes fuel economy, power output and the ability to meet today's stringent emissions control requirements.

- SFI's secret is its high-precision fuel control which uses one injector and nozzle per cylinder for optimum cylinder-to-cylinder fuel distribution.
- Each injector is fired sequentially and timed to the intake cycle for accuracy and metering control. (With non-SFI engines, fuel is injected once per engine revolution through all injectors at the same time.

## Bike Racks and Ski Racks and Strobe Lights, Oh my!

Venture owners have places to go and things to do. That's why GM makes it easy for them to customize Venture to meet the demands of their busy lifestyles. GM offers an array of accessories to make being "on the go" easy and hassle-free.

These accessories include:

- A rooftop luggage carrier, which comes in two sizes and has a sleek, aerodynamic design to minimize air resistance and wind noise.
- Exterior-mounted ski rack that holds four pairs of skis or two snow boards
- Choice of interior or roof-mounted bike racks
- Seat backpacks that add extra interior storage space
- Vent visors that attach to the front windows to keep the elements out while allowing the breeze in
- Splash guards that keep road splash effects to a minimum
- Hot/cold console, keeps beverages at an ideal temperature
- Compact disc changer, adds convenience
- Many other accessories including:
  - Mobile phones
  - Emergency strobe light
  - Tool kit
  - Vehicle security system.



## Safety ... It's in the Bag

To help Venture owners with air bag safety, Chevrolet developed these guidelines:

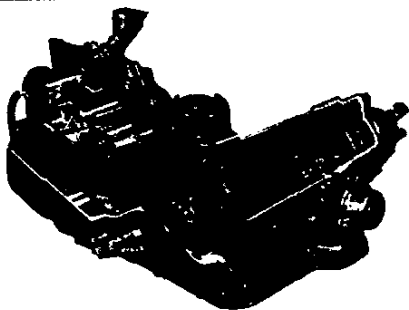
- Infants in rear-facing child safety seats should never ride in the front seat of a vehicle with a passenger air bag.
- Small children should ride in a child safety seat, approved for their age and size, which should be located and properly secured in the center of the vehicle's rear seat. (Venture offers the convenience of single or dual integral child safety seats for second row split-bench or modular seats, which eliminate the need to carry additional child restraint seats.)
- Children 12 and under should ride buckled up in a rear seat.
- Everyone should buckle up with both lap and shoulder safety belts on every trip.
- Driver and front-passenger seats should be moved as far back as practical.
- Never place an object in the air bag deployment zone.

## SEQUENTIAL FUEL INJECTION (SFI) (contd)

With SFI, the timing is much more precise, improving performance across the board.)

- A mass airflow meter constantly measures the engine's air requirements under varying conditions, such as changes in load, altitude and temperature. In an SFI system, the mass airflow meter is essential for accurate fuel delivery.
- The injector nozzle's design and optimum location produce an effective spray pattern that contributes to smooth engine idle and outstanding fuel efficiency.

## TRANSMISSION



### 4T60-E 4-Speed Electronically Controlled Automatic Transmission With Overdrive

Standard in every Venture model, this 4-speed Hydra-matic transmission is electronically controlled to match the engine's performance through its PCM. The electronic controls modulate the torque converter clutch to produce a smooth engagement. The transmission also senses and adapts to changes in altitude, barometric pressure and engine load.

### Other Features Include:

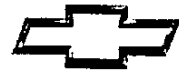
- A temperature sensor that allows the transmission to compensate for severe operating conditions such as towing and steep grades
- A low-friction rocker link chain design which improves fuel economy, adds strength and enhances wear resistance
- Cast-aluminum side cover that increases structural rigidity, reduces noise and vibration, provides superior sealing and helps dissipate heat
- Long-life automatic transmission fluid will not need to be replaced for at least 100,000 miles under normal operating conditions\*
- The engine and transmission use a torque-axis mounting system which isolates engine vibration and reduces idle shake.

\*Maintenance needs vary with different uses and driving conditions. See owner's manual for more information.

## TRACTION CONTROL

Optional on Venture models with the optional LS trim package, traction control provides increased control during takeoff on slippery surfaces or while driving. The system uses electronic controls to reduce engine power output and to selectively apply the brakes to prevent excessive front wheel spin on slippery road surfaces.

- The system is a powertrain management system, controlling slippage by controlling powertrain torque.
- When drive-wheel spin exceeds a predetermined limit, the system will reduce engine power by cutting off fuel delivery to a sequence of cylinders. If this does not control the traction loss, the system will apply the brake to the spinning wheel to limit its speed.
- The PCM also reduces power by retarding the spark timing.
- Traction control is available in both forward and reverse. It can be turned on/off via a control on the instrument panel



## SUSPENSION

Venture has undergone extensive testing to develop a suspension which is designed to deliver exceptional ride and handling by concentrating on balanced body control and noise isolation. In fact, much of the Chevy Venture suspension geometry is similar to that of European models, having been tested on everything from the Autobahn to narrow village streets. The result is a comfortable ride and responsive handling, whether driving on city streets, highway or country roads.

### Front Suspension Features:

- **L-shaped lower control arms**, provide both a soft, comfortable ride and precise steering control
- A standard front stabilizer bar, helps minimize body roll during cornering
- **Aluminum steering knuckles** are strong, yet lightweight, to reduce unsprung mass. This allows the spring and strut to more easily control the front suspension movements on bumpy roads for superb steering feel and ride comfort
- **Maintenance-free ball joints** are lubricated for life

### Rear-Suspension Features:

- Venture rear shock absorbers are mounted parallel to each other to provide decreased "shimmy" effect over bumps
- **Twist axle/coil spring rear suspension** is designed to provide a smooth ride
- **Counter-angled rear shock absorbers** are positioned to allow more room between the wheelbases for cargo and people. The upper shock mounts are integrated with the longitudinal steel rails of the vehicle's body structure for durability, and to absorb vibrations before they are passed along to passengers.

### Suspension Choices

- **Smooth Ride Suspension** is standard on all Venture models.
- **Touring Suspension** is optional for 4-Door models and 3-Door models with LS trim package. This suspension features "load-leveling," which keeps the rear height of the vehicle compensated for different load weight. The system is designed to level the vehicle in about 30 seconds by means of an air-filled rubber fitted around each rear shock absorber. Rear shock absorbers are increased from 25mm to 32mm for greater load capacity and durability. An auxiliary air pump, included with the system (not available on cargo models), can be used to inflate beach balls, air mattresses, etc.

## STEERING

Venture features a short turning radius — only 37.4 feet for regular wheelbase models and 39.7 feet for the extended wheelbase model. Reduced-effort power-assisted rack-and-pinion steering is standard on all Venture models for precise control under demanding driving conditions. This system features:

- **17.5:1 ratio** for quick steering response
- The **intermediate steering shaft** is a solid shaft, which results in a more direct-acting and accurate control from the steering wheel
- A **rigid steering column** is mounted in a stiff magnesium bracket, attached to a cross-vehicle beam, which minimizes steering wheel vibrations.

## Buyer Profile

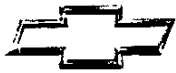
### Demographics

- Average Age: 44
- Women: 42%
- Married: 89%
- With Children: 70%
- Average Household Income: **\$50,000**
- 45% of buyers hold college degrees.

## Fields of Dreams

Chevrolet recognizes the importance of supporting today's youth. Its commitment follows through with the Chevy Venture sponsorship of the U.S. Soccer Federation. The young athletes participating in this organization exemplify America's competitive spirit and commitment to excellence, two qualities that parallel the Chevrolet image. Chevy Venture provides a soccer page on its web site which includes soccer-themed traveling tips and general youth soccer information. Access this information through the Chevy Venture Web site at: [www.chevrolet.com/cgi-bin/truck.pl?venture+home](http://www.chevrolet.com/cgi-bin/truck.pl?venture+home)





## 1998 Chevy Venture

### GM Mobility Program

Chevrolet recognizes the importance of mobility to everyone's life and, therefore, offers financial assistance to persons with disabilities through the General Motors Mobility Program. This program provides financial assistance — up to \$1,000 — toward the cost of any after-market adaptive equipment for drivers or passengers and/or vehicle "alerting devices" for deaf and hearing-impaired drivers. A special feature of the program is single-transaction GMAC financing for the vehicle and its adaptive aids. Further details are available by calling the GM Mobility Assistance Center at 1-800-323-9935. The hearing-impaired can contact the Customer Assistance Center at 1-800-TDD-CHEV.

### BRAKES

Venture front disc/rear drum brakes feature large, 10.9" diameter, ventilated front rotors that enhance brake cooling.

#### *Other Features Include:*

- Standard 4-wheel anti-lock brakes (ABS VI), which bring the vehicle to a controlled stop while allowing the driver to maintain steering control while depressing the brake pedal. Even under hard-braking conditions ABS minimizes pedal "feedback" and stops the vehicle smoothly
- The brake system features **brake calipers**, which keep the brake pads more evenly aligned to the disc. This helps reduce pedal feedback during braking and allows the pads to wear more evenly, promoting longer brake pad life. Calipers use stainless-steel shims to help prevent corrosion, allowing the calipers to move freely and quickly during braking situations
- **Brake /transmission shift interlock (BTSI)** prevents shifting out of Park until the brake pedal is depressed.

### WHEELS



- Standard 15" x 6" steel wheels with 15" plastic bolt-on wheel cover standard on all Venture models.



- Optional 15" x 6" aluminum wheel is now available on all models.

### TIRES

Chevy Venture features a new generation of all-season steel belted radial blackwall tires that are designed for optimum performance in rain and snow. The suspension is designed for negative camber alignment at all four wheels for enhanced high-speed stability and road feel. Tire sizes are:

- P205/70R-15 — regular wheelbase models
- P215/70R-15 — extended wheelbase models and Venture Cargo Minivan
- P215/70R-15 steel-belted radial blackwall Touring tires optional on all Venture minivan models and are included with available FE3 Touring Suspension
- P215/70R-15 self-sealing, all-season steel-belted radial Touring tires are optional.



## GENUINE CUSTOMER CARE

Chevrolet owners are covered by Genuine Customer Care, a comprehensive owner-protection plan that includes the following:



### Bumper to Bumper Warranty

The GM 3-year/36,000-mile (whichever comes first), non-deductible, limited warranty covers repairs for all Chevrolet cars, including labor and parts, to correct any defects in material or workmanship occurring during the warranty period. Warranty features include air conditioning repair, tires, towing, no-cost warranty transfer and 6-year/100,000-mile (whichever comes first) sheet-metal rust-through protection. There also is emissions control system coverage, which varies by geographic location. The only item not covered by the warranty is normal maintenance.



### Courtesy Transportation

Customers who purchase or lease a 1998 Chevy Venture are eligible for Courtesy Transportation (at no additional charge) when their vehicles are left at a participating dealership for repairs covered under the 3-year/36,000-mile Bumper to Bumper limited warranty. Courtesy Transportation, at participating dealers only, may include shuttle service, expense reimbursement, or, if the repairs require leaving your vehicle overnight, alternative transportation. See your dealer for details.



### 24-Hour Roadside Assistance

Lost? We'll help you find your way. Locked out? We'll get you back in your Venture. Out of gas? We'll get you gas. Roadside Assistance is provided via a toll-free number 24 hours a day, 365 days a year. Roadside Assistance is offered in two levels of service, Basic Care and Courtesy Care.

Roadside Basic Care covers you as long as you own your Chevy Venture and provides:

- Free towing for warranty repairs (to closest dealer)
- Over-the-phone basic technical advice
- Available dealer services at reasonable costs (i.e., wrecker services, locksmith/key service, glass repair, etc.).

**Roadside Courtesy Care**, covers your vehicle for three years/36,000 miles and provides the same benefits as Basic Care, plus:

- Free flat-tire service, jump start and fuel delivery.

*Important — a word about this document: We have tried to make this document as comprehensive and factual as possible. We reserve the right, however, to make changes at any time, without notice, in colors, materials, equipment, specifications, models and availability. Some information may have been updated since the time of printing in June 1997.*

*A note about air bags: Always wear safety belts, even with air bags.*

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*Some artwork contained within this text is for representation purposes only.*

## Encore, Encore!

A few of the Venture awards, since its introduction last year, include:

- "Best New Van" — Automobile Journalists Association of Canada
- "Best Buy" — Recommendation, Vans — Consumer's Digest
- "Best in Class" — Kiplinger's Personal Finance Magazine
- "Best New Minivan" — Kiplinger's Personal Finance Magazine
- "1997 Drivers' Choice" Award, Minivans — Motorweek

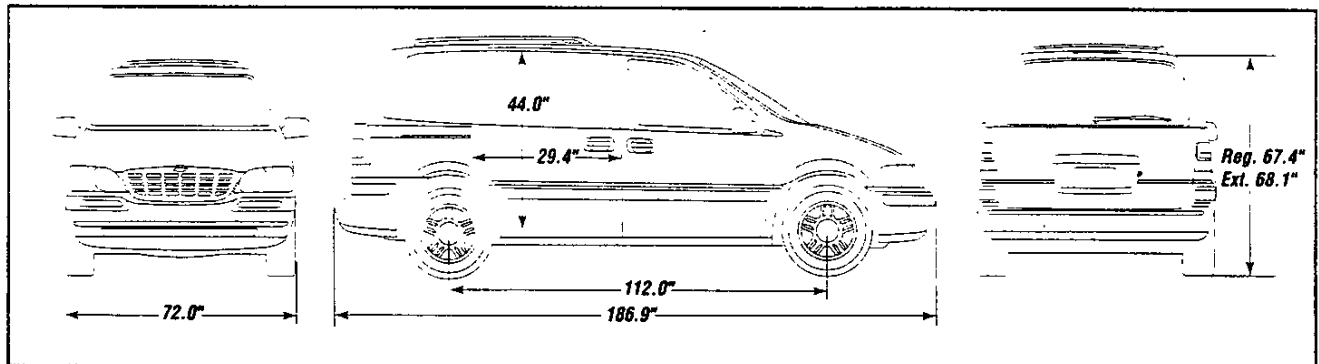


# 1998 Venture Feature Availability

	3-Door Regular Wheelbase	3-Door Extended Wheelbase	4-Door Regular Wheelbase	4-Door Extended Wheelbase
<b>INTERIOR</b>				
Air Bag - Driver and Passenger	S	S	S	S
Air Conditioning - Front	S	S	S	S
Antenna - Windshield-Integrated	S	S	S	S
Console - Center, Non-Locking	S	S	S	S
Consolette - Overhead	S	S	S	S
Console - Overhead with Driver Info. Center	O <sup>1</sup>	O <sup>1</sup>	O <sup>1</sup>	O <sup>1</sup>
Convenience Net - Cargo (liftgate)	O <sup>3</sup>	O <sup>3</sup>	O <sup>3</sup>	O <sup>3</sup>
Cruise Control - Electronic with Resume Speed	O <sup>1</sup>	O <sup>3</sup>	O <sup>3</sup>	O <sup>1</sup>
Cup holders - 1st, 2nd, 3rd Row	S	S	S	S
Defogger - Rear Window	O	O	O	O
- Side Window	S	S	S	S
Filter - Integrated Pollen	S	S	S	S
Lighting - Interior Roof Rail	O <sup>3</sup>	S	O <sup>3</sup>	S
LS Trim Package (includes Custom Cloth Interior trim)	O	O	O	O
Locks - Child Safety Sliding Door	S	S	S	S
- Power Door/Liftgate	S	S	S	S
Map Pockets - Front-Bucket Seatbacks and Front Doors	S	S	S	S
Safety And Security System Package <sup>2</sup>	O <sup>1</sup>	O <sup>1</sup>	O <sup>1</sup>	O <sup>1</sup>
Scotchgard™ Protector	S	S	S	S
Seating - 7-Passenger	S	S	S	S
Seats - 2 Front-Bucket, 2-Passenger Solid-Bench and 3-Passenger Solid-Bench	S	-	-	-
Seats - 2 Front-Bucket, 2-Passenger 40/60 Split-Bench and 3-Passenger 50/50 Split-Bench	-	S	S	S
Seats - 2 Front Buckets, 5 rear modular buckets	O <sup>1</sup>	O <sup>1</sup>	O <sup>1</sup>	O <sup>1</sup>
- Six-Way Power Driver	O <sup>1</sup>	O <sup>1</sup>	O <sup>1</sup>	O <sup>1</sup>
Steering Column - Tilt-Wheel™ Adjustable	S	S	S	S
Stereo - AM/FM w/Digital Clock	S	S	S	S
- AM/FM w/Cassette Player	O	O	O	O
- AM/FM w/ATC and Cassette Player	O <sup>1</sup>	O <sup>3</sup>	O <sup>3</sup>	O <sup>3</sup>
- AM/FM w/ATC and Cassette Player/Remote CD Player	O <sup>1</sup>	O <sup>1</sup>	O <sup>1</sup>	O <sup>1</sup>
Rear-Seat Audio Controls w/Earphone Jack	O <sup>1</sup>	O <sup>3</sup>	O <sup>3</sup>	O <sup>3</sup>
Windows - Power with Driver's Express-Down Feature	O <sup>3</sup>	O <sup>3</sup>	O <sup>3</sup>	O <sup>3</sup>
Wipers - Intermittent Variable	S	S	S	S
<b>EXTERIOR</b>				
Daytime Running Lamps with Automatic Exterior Lamp Control -	S	S	S	S
Door(s) - Sliding Passenger Side Only	S	S	NA	NA
- Dual Sliding Side	NA	NA	S	S
- Power Passenger Side Sliding	O	O	O	O
Luggage Rack	O <sup>3</sup>	O <sup>3</sup>	O <sup>3</sup>	O <sup>3</sup>
Mirrors - Outside Dual Power Remote, Black	S	S	S	S
Tires - P205/70R-15 Blackwall All-Season	S	NA	S	NA
- P215/70R-15 Blackwall All-season	NA	S	NA	S
- P215/70R-15 Blackwall Touring	O	O	O	O
Wheels - 15" Steel with bolt-on wheelcover	S	S	S	S
- 15" Cast-Aluminum	O <sup>3</sup>	O <sup>3</sup>	O <sup>3</sup>	O <sup>3</sup>
<b>FUNCTIONAL</b>				
Brakes - Power Front Disc/Rear Drum with 4-Wheel Anti-Lock	S	S	S	S
Engine - 3400 V6 SFI	S	S	S	S
Cargo Capacity	126.6 cu. ft.	148.3 cu. ft.	133.0 cu. ft.	155.9 cu. ft.
Fuel Capacity	20 gal.	25 gal.	20 gal.	25 gal.
Remote Keyless Entry	O	O	O	O
Suspension - Smooth Ride	S	S	S	S
Suspension - Touring with Load Leveling	O <sup>1</sup>	O <sup>1</sup>	O <sup>1</sup>	O <sup>1</sup>
Traction Control	O <sup>1</sup>	O <sup>1</sup>	O <sup>1</sup>	O <sup>1</sup>
Trailer Capacity - 3500 lbs.	O <sup>1</sup>	O <sup>1</sup>	O <sup>1</sup>	O <sup>1</sup>
Transmission - 4-Speed Electronically Controlled Automatic	S	S	S	S

S—Standard. O—Optional (some options may be available only as part of a Preferred Equipment Group. See your order guide for feature availability). NA—Not available. <sup>1</sup>Optional with available LS Trim Package. <sup>2</sup>Includes self-sealing tires and content theft-deterrent system. <sup>3</sup>Included with LS Trim Package. <sup>4</sup>Requires Trailering Package, which includes heavy-duty cooling with engine oil and transmission oil coolers. <sup>5</sup>Requires premium AM/FM stereo with ATC

# 1998 Chevy Venture Specifications



## MODEL AVAILABILITY

	Chevy Venture	Chevy Venture Cargo Van
Passengers (max.)	7	2
Class	Minivan	Minivan
Assembly Plant	Doraville, Georgia	Doraville, Georgia
Primary Structure	Integrated Ladder/Frame	Integrated Ladder/Frame
Body Material	Two-Side-Galvanized (except roof)	Two-Side-Galvanized (except roof)

## DIMENSIONS & CAPACITIES (inches, unless otherwise noted)

Exterior Dimensions	Venture (reg. wheelbase)	Venture (ext. wheelbase)	Venture Cargo Minivan
Wheelbase	112.0	120.0	120.0
Overall Length	186.9	200.9	200.9
Overall Height	67.4	68.1	68.1
Maximum Width	72.0	72.0	72.0
Ground to Rear Load Floor	24.0	25.0	25.0
Ground Clearance (front/rear)	8.3/10.4	8.5/11.0	8.5/11.0
Interior Dimensions			
Headroom (front/mid./rear)*	39.9/39.3/38.8	39.9/39.3/38.9	39.9
Legroom (front/mid./rear)*	39.9/36.9/34.0	39.9/39.0/36.7	39.9
Shoulder Room (front/mid./rear)*	59.8/61.9/60.1	59.8/61.9/59.6	59.8
Hip Room (front/mid./rear)*	55.5/60.4/48.3	55.5/60.4/ 48.3	55.5
Capacities			
Est. Curb Weight (std.) (lbs.)	3699	3838	3688
Maximum GVWR (lbs.)	5357	5357	5357
Base Payload (std.) (lbs.)	1658	1519	1669
Maximum Trailer Capacity (lbs.)	3500**	3500**	2000
Maximum Cargo Capacity (cu. ft.)	126.5	141.3	NA†
Fuel tank capacity (gallons)	20	25	25

\*Mid./rear not available with Venture Cargo Minivan. †64.3 on 4-Door model. \*\*When properly equipped with optional V92 Trailering Provisions Package. ††Three-Door model; 155.9 cu. ft. on 4-Door model.

## STEERING

	Chevy Venture and Chevy Venture Cargo Minivan
Type	Power Rack-and-Pinion
Steering Ratio	17.5:1
Turning Diameter, Curb-to-Curb (ft.)	37.4 (39.7 for extended-wheelbase and Cargo Van models)



## 1998 Chevy Venture Specifications

### BRAKES

Chevy Venture and Chevy Venture Cargo Minivan	
Type	Power-Assist, Vented Front Disc/Rear Drum w/Four-Wheel ABS
Front Disc Size	10.94 x 1.27
Rear Drum Size	8.86 x 1.77
Booster Diameter	9.45
Parking Brake	Cable-Activated Integral w/Rear Brakes
Total Swept Area (sq. in.)	336.8

### ENGINE

Chevy Venture and Chevy Venture Cargo Minivan	
Availability	LA1
Type	Standard
Type	3400 OHV V6
Block Material	Cast-Iron
Cylinder Head Material	Aluminum
Bore & Stroke (in.)	3.62 x 3.31 (mm) 92.0 x 84.0
Displacement (cu. in./cc)	207/3400
Compression Ratio	9.5:1
Induction System	SFI
Valves/Cylinder	2
Lifters	Hydraulic Roller
Cam Drive	Chain
Horsepower @ rpm (SAE net)	180 @ 5200
Torque @ rpm (SAE net)	205 @ 4000
Redline (rpm)	6000
Recommended Fuel (min.)	87 Octane

### TRANSMISSION

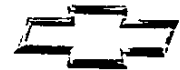
Chevy Venture and Chevy Venture Cargo Minivan	
Gear Ratios	Standard 4-Speed Electronically Controlled Automatic with Overdrive and Torque Converter
1st	2.92
2nd	1.57
3rd	1.00
4th	0.71
Reverse	2.39
Axle Ratio	3.29

### CHASSIS

Chevy Venture and Chevy Venture Cargo Minivan	
Frame	All-Welded, Ladder-Type
Front	Independent w/MacPherson Struts & Variable-Rate Coil Springs
Rear	Semi-Independent w/Coil Springs, Double-Acting Shocks



# 1998 Chevy Venture Specifications



## MILEAGE/PERFORMANCE

Powerteam	3400 V6 SFI/4-Speed Automatic Transmission
City	18
Highway	25
Combined	21
Estimated Cruising Range*	
City	450
Highway	625
Combined	525

\*Based on 25-gallon fuel capacity. 1997 EPA mileage figures.

## TRAILERING INFORMATION

	Chevy Venture	Chevy Venture Cargo Minivan
Trailer Classification	Medium	Light
Gross Trailer Weight (lbs., max.)	3500*	3500*
Max Tongue Load (lbs., max.)	350*	350*

\*Requires optional Trailering Provisions Package which include heavy-duty cooling with engine oil and transmission oil coolers.

## WHEELS & TIRES

	Chevy Venture	Chevy Venture Cargo Van
Standard Type	Steel*	Steel
Size (in.)	15 x 6	15 x 6
Standard Type	All-Season Steel-Belted Radials	All-Season Steel-Belted Radials
Standard Size (Regular Wheelbase)	P205/70R-15	NA
Standard Size (Extended Wheelbase)	P215/70R-15	P215/70R-15

NA -- Not available. \*Cast-aluminum wheels are optional.

# 1998 Venture Photo Order Page



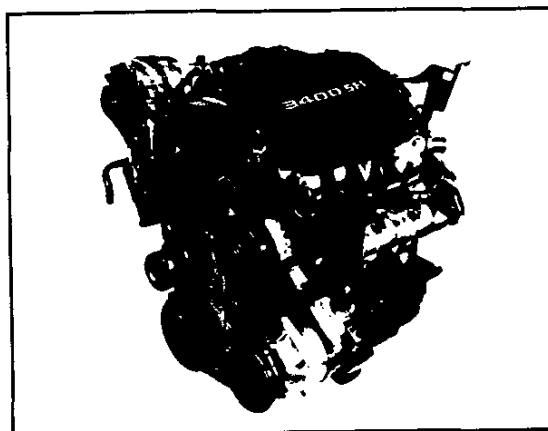
98-07VEN Venture Standard Interior



98-08VEN Venture LS Interior with Split-Bench Second- and Third-Row Seating.

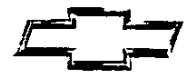


98-09VEN Venture Interior with Available Modular Seating



98-07ENG 3400 V6 Engine (LA1)

# 1998 Chevy Venture Photo Order Page



98-01VEN Chevy Venture LS Extended Wheelbase



98-02VEN Chevy Venture LS Extended Wheelbase



98-03VEN Chevy Venture LS Extended Wheelbase with Power Sliding Side Door



98-04VEN Chevy Venture Regular Wheelbase



98-05VEN Chevy Venture LS Regular Wheelbase



98-01CVF Chevrolet Family Of Vans



# MANUFACTURERS MOTOR VEHICLE SPECIFICATIONS

METRIC (U.S. CUSTOMARY)

# 1998

Manufacturer CHEVROLET MOTOR DIVISION GENERAL MOTORS CORPORATION	Vehicle Line  VENTURE	
Mailing Address  30007 VAN DYKE WARREN, MI 48090-9065	Issued	Revised

**Direct questions concerning these specifications to the manufacturer listed above.**

**The information contained herein is prepared, distributed by, and is solely the responsibility of the vehicle manufacturing company to whose products it relates. This specification form was developed by the vehicle manufacturing companies under the auspices of the American Automobile Manufacturers Association.**

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

## AAMA

American Automobile Manufacturers Association

Blank Forms Provided by Technical Affairs Division

# Specifications

## METRIC

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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 compilation and are subject to change without notice or incurring obligation by the manufacturer.
4. Additional Vehicle Dimensions (based in part on SAE J1100 "Motor Vehicle Dimensions") may be available from the manufacturer.

# MVMA Specifications

Vehicle Line VENTURE  
 Model Year 1998 Issued \_\_\_\_\_ Revised (●) \_\_\_\_\_

## METRIC (U.S. Customary)

### Vehicle Origin

Design & development (company)	G.M., Midsize Car Division
Where built (country)	U.S.A.
Authorized U.S. sales marketing representative	Chevrolet Motor Division

### Vehicle Models

Model Description & Drive (FWD / RWD / AWD / 4WD)*	Introduction Date	Make, Vehicle Models, Series, Body Type (Mfg's Model Code)	No. of Designated Seating Positions (Front / Rear)	Max. Trunk/Cargo Load-Kilograms (Pounds)	EPA Fuel Economy (City/Hwy)
VENTURE					
MINIVAN, EXTENDED FWD Three Door		1UM06	7(2/2/3) STD		18/25
MINIVAN, EXTENDED FWD Four Door		1UM16	7(2/2/3) STD		18/25
MINIVAN, REGULAR FWD Three Door		1UN06	7(2/2/3) STD		18/25
MINIVAN, REGULAR FWD Four Door		1UN16	7(2/2/3) STD		18/25

\* FWD - Front Wheel Drive RWD - Rear Wheel Drive AWD - All Wheel Drive 4WD - Four Wheel Drive

# MVMA Specifications

Vehicle Line VENTURE  
 Model Year 1998 Issued \_\_\_\_\_ Revised (●) \_\_\_\_\_

## METRIC (U.S. Customary)

### Power Teams

SAE J1349 Net bhp (brake horsepower) and Net Torque corrected to 77°F/25°C and 29.61 in. Hg/100 kPa atmospheric pressure.

		A	B	C	D	
<b>E N G I N E</b>	Engine Code	LA1				
	Displacement Liters (in³)	3.4 (207)				
	Induction system (FI, Carb, etc.)	Sequential Fuel Injection				
	Compression ratio	9.5:1				
	SAE Net at RPM	Power kW (bhp)	134 (180) @ 5200			
		Torque N • m (lb. ft.)	151 (205) @ 4000			
	Exhaust single, dual	Single				
<b>T R A N S</b>	Transmission/ Transaxle	M13				
	Effective Final Drive / Axle Ratio (std. first)	3.29				

Model	Code	Power Teams (A - B - C - D)	
		Standard	Optional
<b>VENTURE</b>			
Minivan, Extended	1UM06	A	
Minivan, Extended	1UM16	A	
Minivan, Regular	1UN06	A	
Minivan, Regular	1UN16	A	



# MVMA Specifications

Vehicle Line VENTURE  
 Model Year 1998 Issued \_\_\_\_\_ Revised (●) \_\_\_\_\_

## METRIC (U.S. Customary)

Engine Description  
 Engine Code

3.4 LITER V6 LA1

### Engine - General

Type & description (inline, V, angle, flat, location, front, mid, rear, transverse, longitudinal, sohc, dohc, ohv, hemi, wedge, pre-chamber, etc.)	60 Degree V, Front, Transverse, OHV	
Manufacturer	General Motors Powertrain Group	
No. of cylinders	Six	
Bore	92 mm	
Stroke	84 mm	
Bore Spacing (C / L to C / L)	111.76 mm	
Cylinder block material & mass kg. (lbs.) (machined)	Cast Iron, 52.1 (114.9)	
Cylinder block deck height	224 mm	
Cylinder block length	435.5 mm	
Deck clearance (minimum) (above or below block)	0	
Cylinder head material & mass kg. (lbs.)	Aluminum, 5.6 (12.3)	
Cylinder head volume cm <sup>3</sup> (inches <sup>3</sup> )	28.2 (1.7)	
Cylinder liner material	Not Applicable	
Head gasket thickness (compressed)	1.55 mm	
Minimum combustion chamber total volume cm <sup>3</sup> (inches <sup>3</sup> )	27.2 (1.66)	
Cyl. no. system (front to rear)*	L. Bank	2-4-6
	R. Bank	1-3-5
Firing order	1-2-3-4-5-6	
Intake manifold material & mass kg. (lbs.)**	Aluminum, 9.1 (20)	
Exhaust manifold material & mass kg. (lbs.)**	Cast Iron, RT - 4.3 (9.5), LT - 2.3 (5.1)	
Knock sensor (number & location)	One, Left Side Center of Block	
Fuel required unleaded, diesel, etc.	Unleaded	
Fuel antiknock index (R + M) ÷ 2	87	
Engine Mounts	Quantity	Four (One Engine, One Transmission, Two Torque Struts)
	Material and type (elastomeric, hydroelastic, hydraulic damper, etc.)	One Hydraulic, One Elastomeric, Two Torque Struts
	Added isolation (sub-frame, crossmember, etc.)	Isolated Engine Cradle
Total dressed engine mass (wt) dry***	188 kg with oil	

### Engine - Pistons

Material & mass, (weight) - piston only	Aluminum Alloy, 0.37 kg (.82lb)
---	---------------------------------

### Engine - Camshaft

Location	Above Crankshaft at Center of "V"	
Material & mass kg (weight, lbs.)	Assembled Steel 2.3 (5)	
Drive type	Chain / belt	Chain
	Width / pitch	16.2 mm/9.53 mm

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

\*\* Finished state.

\*\*\* Dressed engine mass (weight) includes the following: All those items necessary to make the engine a complete ready-to-run unit.

# MVMA Specifications

Vehicle Line VENTURE  
 Model Year 1998 issued \_\_\_\_\_ Revised (●) \_\_\_\_\_

## METRIC (U.S. Customary)

Engine Description  
 Engine Code

3.4 LITER V6 LA1

### Engine - Valve System

Hydraulic lifters (std., opt., n.a.)	Standard
Valves	Number intake / exhaust
	Head O.D. intake / exhaust

### Engine - Connecting Rods

Material & mass kg., (weight, lbs.)*	Forged Steel, 0.59 (1.3)
Length (axes C/L to C/L)	144.8 mm

### Engine - Crankshaft

Material & mass kg., (weight, lbs.)*	Cast Iron, 17.2 (37.9)
End thrust taken by bearing (no.)	Three
Number & Length of main bearing journals	One - 29.5 mm, Two and Three - 24.0 mm, Four - 36.0 mm
Seal (material, one, two piece design, etc.)	Front
	Rear

### Engine - Lubrication System

Normal oil pressure kPa (psi) at engine rpm	345-448 (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.)	3.8 (4.0)

### Engine - Diesel Information

(NOT APPLICABLE)

Diesel engine manufacturer	
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

(NOT APPLICABLE)

Turbo charger - manufacturer	
Super charger - manufacturer	
Intercooler	

\* Finished State

# MVMA Specifications

Vehicle Line VENTURE  
 Model Year 1998 Issued \_\_\_\_\_ Revised (●) \_\_\_\_\_

## METRIC (U.S. Customary)

Engine Description  
 Engine Code

3.4 LITER V6 LA1

### Engine - Cooling System

Coolant recovery system (std., opt., n.a.)		Standard	
Coolant fill location (rad., bottle)		Bottle	
Radiator cap relief valve pressure kPa (psi)		103 (15)	
Circulation thermostat	Type (choke, bypass)	Bypass	
	Starts to open at °C (°F)	91 (195)	
Water pump	Type (centrifugal, other)	Centrifugal	
	GPM 1000 pump rpm	12	
	Number of pumps	One	
	Drive (V-belt, other)	Poly V-Belt	
	Bearing type	Double Row (Ball/Roller)	
	Impeller material	Cast Iron	
	Housing material	Aluminum	
By-pass recirculation type (inter., ext.)		Internal	
Cooling System capacity	With heater - L (qt.)	Not Applicable	
	With air conditioner - L (qt.)	11.23 L (C60), 12.73 (C60/C34)	
	Opt. equipment specify - L (qt.)	11.67 (C60 & V08), 13.17 (C60/C34 & V08)	
Water jackets full length of cyl. (yes, no)		Yes	
Water all around cylinder (yes, no)		Yes	
Water jackets open at head face (yes, no)		Yes	
Radiator core	Std., A/C, HD	A/C Standard;	H. D. (V08) included w/Optional Trailer Provisions
	Type (cross-flow, etc.)	Cross-Flow	Cross-Flow
	Construction (fin & tube mechanical, braze, etc.)	Tube & Center, Brazed	Tube & Center, Brazed
	Material, mass kg (wgt., lbs.)	Aluminum 3.29 (7.3)	Aluminum 4.91 (10.9)
	Width	774 mm (30.47 in.)	774 mm (30.47 in.)
	Height	382 mm (15.04 in.)	382 mm (15.04 in.)
	Thickness	16 mm (0.63 in.)	24 (0.94 in.)
	Fins per inch	10	10
Radiator end tank material		Plastic	
Fan	Std., elec., opt.	Dual Electric	
	Number of blades & type (flex, solid, material)	Seven, Solid, Plastic	
	Number & location (front, rear of radiator)	Two-Rear of Radiator	
	Diameter & projected width	360 mm (14.17 in.)	
	Ratio (fan to crankshaft rev.)	--	
	Fan cutout type	None	
	Drive type (direct, remote)	Direct	
	RPM at idle (elec.)	Low Speed: 940 RPM (LH) Standard; 1297 RPM (LH) H. D. 1111 RPM (RH) 1111 RPM (RH)	
		High Speed: 1569 RPM (LH) Standard; 2343 RPM (LH) H. D. 1984 RPM (RH) 1984 RPM (RH)	
	Motor rating (wattage/elec.)	Standard - 90W (LH), 150W (RH); H.D. - 240 W (LH), 150W (RH)	
	Motor switch (type & location/elec.)	Remote Relay, Electrical Center	
Switch point (temp./pressure/elec.)			
Fan shroud (material)	None		

# MVMA Specifications

Vehicle Line VENTURE  
 Model Year 1998 Issued \_\_\_\_\_ Revised (●) \_\_\_\_\_

## METRIC (U.S. Customary)

Engine Description  
 Engine Code

3.4 LITER V6 LA1

### Engine - Fuel System (See Supplemental page for details of Fuel Injection, Supercharger, Turbocharger, etc. if used.)

Induction type: carburetor, fuel injection system, etc.		Sequential Fuel Injection
Manufacturer		Delphi
Carburetor no. of barrels		Not Applicable
Idle A/F mix.		PCM Controlled
Fuel injection	Point of injection (no.)	Ports (Six)
	Constant, pulse, flow	Pulse
	Control (electronic, mech.)	Electronic
	System pressure kPa (psi)	300 (43.5)
Idle speed-rpm (spec. neutral or drive and propane if used)	Manual	Not Applicable
	Automatic	PCM Controlled
Intake manifold heat control (exhaust or water thermostatic or fixed)		Fixed
Air cleaner type		Replaceable Paper Element
Fuel filter (type/location)		Inline / Replaceable / Near Fuel Tank
Fuel pump	Type (elec. or mech.)	Electric
	Location (eng., tank)	Tank
	Pressure range kPa (psi)	250 - 300 (36-44)
	Flow rate at regulated pressure L (gal)/hr @ kPa (psi)	85.1 (17.5) @ 300 (43.5)

### Fuel Tank

Capacity refill L (gallons)		76 (20) Regular; 95 (25) Extended
Location (describe)		Left Center of Vehicle Between Rails
Attachment		Three Steel Straps -Cross Car
Material & Mass kg. (weight lbs.)		High Density Polyethylene / Ethyl Vinyl Alcohol
Filler pipe	Location & material	Above Left Rear Wheel - Steel - Plastic
	Connection to tank	Hose and Clamp
Fuel line (material)		PTFE / PA and Steel
Fuel hose (material)		Low Permeation Rubber - Reinforced
Return line (material)		PTFE / PA and Steel
Vapor line (material)		PTFE / PA and Steel
Extended range tank	Opt., n.a.	Not Applicable
	Capacity L (gallons)	Not Applicable
	Location & material	Not Applicable
	Attachment	Not Applicable
Auxiliary tank	Opt., n.a.	Not Applicable
	Capacity L (gallons)	Not Applicable
	Location & material	Not Applicable
	Attachment	Not Applicable
	Selector switch or valve	Not Applicable
Separate fill		Not Applicable

# MVMA Specifications

Vehicle Line VENTURE  
 Model Year 1998 Issued \_\_\_\_\_ Revised (●) \_\_\_\_\_

## METRIC (U.S. Customary)

Engine Description  
 Engine Code

3.4 LITER V6 LA1

### Vehicle Emission Control

Type (air injection, engine modifications, other)		See Below	
Exhaust Emission 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	Type (controlled flow, open orifice, other)	Controlled Flow
		Exhaust source	Exhaust Manifold
	Recirculation	Point of exhaust injection (spacer, carburetor, manifold, other)	Intake Manifold
	Catalytic Converter	Type	Bed Monolith
		Number of	One
		Locations(s)	Underbody
Volume L (in <sup>3</sup> )		2.7 (163)	
Substrate type		Monolith/Ceramic	
Noble metal type		Platinum/Rhodium (Federal); Platinum/Palladium/Rhodium (TLEV)	
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)	Intake Manifold	
	Air inlet (breather cap, other)	Right rear rocker arm cover	
Evaporative Emission Control	Vapor vented to (crankcase, canister, other)	From Fuel Tank To	Canister
		From Carburetor To	Not Applicable
	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 W/Cross Over
Muffler no. & type (reverse flow, straight thru, separate resonator) , Muffler volume (liters), Material & Mass kg. (weight lbs.)		1, Reverse Flow, 18.9 Liters, Stainless Steel
Resonator no., type, & volume (liters)		1, Straight Thru, 5.7 Liters
Exhaust pipe	Branch o.d., wall thickness	57.2 mm (2.25 in.), Diameter
	Main o.d., wall thickness	57.2 x 1.5 mm (2.25 x .060 in.)
	Material & Mass kg. (weight lbs.)	Stainless Steel
Intermediate pipe	o.d. & wall thickness	57.2 x 1.5 mm (2.25 x .060 in.)
	Material & Mass kg. (weight lbs.)	Stainless Steel
Tail pipe	o.d. & wall thickness	54 x 1.2 mm (2.13 x .048 in.)
	Material & Mass kg. (weight lbs.)	Stainless Steel

# MVMA Specifications

Vehicle Line VENTURE  
 Model Year 1998 Issued \_\_\_\_\_ Revised (●) \_\_\_\_\_

## METRIC (U.S. Customary)

Engine Description  
 Engine Code

3.4 LITER V6 LA1

### Transmissions/Transaxle (Std., Opt., N.A.)

Manual 4-speed (manufacturer/country)	Not Applicable
Manual 5-speed (manufacturer/country)	Not Applicable
Manual 6-speed (manufacturer/country)	Not Applicable
Automatic (manufacturer/country)	Not Applicable
Automatic overdrive (manufacturer/country)	GM Powertrain,U.S.A

### Manual Transmission/Transaxle

(NOT APPLICABLE)

Number of forward speeds		
Gear ratios	1st	
	2nd	
	3rd	
	4th	
	5th	
	6th	
	Reverse	
Synchronous meshing (specify gears)		
Shift lever location		
Trans. case material & mass kg. (lbs.)*		
Lubricant	Capacity L (pt.)	
	Type recommended	

### Clutch (Manual Transmission)

(NOT APPLICABLE)

Clutch manufacturer		
Clutch type (dry, wet; single, multiple disc)		
Linkage (hydraulic, cable, rod, lever, other)		
Max. pedal effort (nom. spring load) N (lbs.)	Depressed	
	Released	
Assist (spring, power/percent, nominal)		
Type pressure plate springs		
Total spring load (nominal) N (lbs.)		
Clutch facing	Facing mfr. & material coding	
	Facing material & construction	
	Rivets per facing	
	Outside x inside dia. (nominal)	
	Total eff. area cm <sup>2</sup> (in. <sup>2</sup> )	
	Thickness (pressure plate side/fly wheel side)	
	Rivet depth (pressure plate side/fly wheel side)	
Engagement cushion method		
Release bearing type & method lub.		
Torsional damping method, springs, hysteresis		

\* Includes shift linkage, lubricant, and clutch housing. If other specify.

# MVMA Specifications

Vehicle Line VENTURE  
 Model Year 1998 Issued \_\_\_\_\_ Revised (●) \_\_\_\_\_

## METRIC (U.S. Customary)

Engine Description  
 Engine Code

3.4 LITER V6 LA1

### Automatic Transmission/Transaxle

Trade Name		Hydra-Matic 4T60-E (M13) Transaxle
Type and special features (describe)		Four-Speed Automatic W/Torque Converter Clutch
Shift mechanics		Hydraulic Clutches/Electronic Controls
Gear selector	Location (column, floor, other)	Column (Mechanical)
	Ltr./No. designation (e.g. PRND21)	P-R-N- <b>(D)</b> -D-2-1
	Shift interlock (yes, no, describe)	Yes-Brake, Ignition Key
Gear ratios	1st	2.92
	2nd	1.57
	3rd	1.00
	4th	0.70
	5th	Not Applicable
	6th	Not Applicable
	Reverse	2.38
Final drive ratio		3.29
Max. upshift vehicle speed - drive range km/h (mph)		One - Two = 66 (41)    Three - Four = N/A Two - Three = 130 (81)
Max. upshift engine speed RPM		5700 RPM
Max. kickdown speed - drive range km/h (mph)		3 - 2 = 121 (75) 2 - 1 = 51 (31.5)
Min. overdrive speed km/h (mph)		63 (39)
Torque converter	Type	Lock-Up
	Torus design	Yes
	Number of elements	Three
	Max. ratio at stall	1.95
	Type of cooling (air, liquid)	Liquid
	Nominal diameter	245 mm
Capacity factor "K**"		163 K
Pump type		Variable Displacement Vane
Lubricant	Capacity refill L (qts.)	12.7 (13.4) Dry
	Type recommended	Dexron III
Oil cooler (std., opt., N.A., internal, external, air, liquid)		Standard - Liquid
Transmission mass kg (lbs.) & case material**		81.0 (178.5), Cast Aluminum

### All Wheel / 4 Wheel Drive

(NOT APPLICABLE)

Description & type (part-time, full-time, 2/4 shift while moving, mechanical, elect., chain/gear, etc.)		
Transfer case	Manufacturer and model	
	Type and location	
Low-range gear ratio		
System disconnect (describe)		
Center differential	Type (bevel, planetary, w or w/o viscous bias, torsen, etc.)	
	Torque split (% front/rear)	

\* Input speed  $\div \sqrt{\text{torque}}$

\*\* Dry weight including torque converter. If other, specify.

# MVMA Specifications

Vehicle Line VENTURE  
 Model Year 1998 Issued \_\_\_\_\_ Revised (●) \_\_\_\_\_

## METRIC (U.S. Customary)

Engine Description  
 Engine Code

3.4 LITER V6 LAI

### Axle Ratio and Tooth Combinations (See 'Power Teams' for axle ratio usage)

Effective final drive ratio (or overall top gear ratio)		3.29
Transfer ratio and method (chain, gear, etc.)		One / One, Chain
Front drive unit	Ring gear o.d.	Not Applicable
	No. of teeth	Pinion Not Applicable
		Ring gear Not Applicable

### Front Drive Unit

Description (integral to trans., etc.)		Planetary Final Drive Integral with Transmission
Limited slip differential (type)		Not Applicable
Drive pinion	Type	Not Applicable
	Offset	Not Applicable
No. of differential pinions		Two
Pinion / differential	Adjustment (shim, etc.)	Not Applicable
	Bearing adjustment	Not Applicable
Driving wheel bearing (type)		Not Applicable
Lubricant	Capacity L (pt.)	See Automatic Trans Specs
	Type recommended	See Automatic Trans Specs

### Axle Shafts - Front Wheel Drive

Manufacturer and number used		Delphi Saginaw, Two		
Type (straight, solid bar, tubular, etc.)	Left	Straight, Solid		
	Right	Straight, Solid		
Outer diam. x length* x wall thickness	Manual Transaxle	Left	Not Applicable	
		Right	Not Applicable	
	Automatic transaxle	Left	27.1 x 337.32 mm	
		Right	27.1 x 375.32 mm	
	Optional transaxle	Left	Not Applicable	
		Right	Not Applicable	
Slip yoke	Type	Not Applicable		
	Number of teeth	Not Applicable		
	Spline o.d.	Not Applicable		
Universal joints	Make and mfg. no.	Inner	Delphi Saginaw	
		Outer	Delphi Saginaw	
	Number used		Inbrd. & Outbrd. on Each Axle	
	Type, size, plunge	Inner	Tripot - 66.0 mm Stroke, 27 size	
		Outer	Rzeppa - Fixed Center	
	Attach (u-bolt, clamp, etc.)		Retaining Ring (Inboard) - Flanged Nut (Outboard)	
	Bearing	Type (plain, anti-friction)	Inner - Ball & Needle Outer - Ball	
Lubrication (fitting, prepack)		Prepacked		
Drive taken through (torque tube, arms or springs)		Wishbone Lower Control Arm, Upper MacPherson Strut		
Torque taken through (torque tube, arms or springs)		Engine Mounting System		

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



# MVMA Specifications

Vehicle Line VENTURE  
 Model Year 1998 Issued \_\_\_\_\_ Revised (●) \_\_\_\_\_

## METRIC (U.S. Customary)

Model Code/Description And/Or  
 Engine Code/Description

ALL

### Suspension - General Including Electronic Controls

Car leveling	Standard/optional/not available		Optional	
	Manual/automatic control		Automatic	
	Type (air/hydraulic)		Air	
	Primary/assist spring		Assist Spring	
	Rear only/4 wheel leveling		Rear Only	
	Single/dual rate spring		Single Rate	
	Single/dual ride heights		Single Ride Height	
	Provision for jacking		None	
Shock absorber damping controls	Standard/option/not available		Not Available	
	Manual/automatic control		Not Available	
	Number of damping rates		Not Available	
	Type of actuation (manual/ electric motor/air, etc.)		Not Available	
	Sensors	Lateral acceleration		Not Available
		Deceleration		Not Available
Acceleration		Not Available		
Road surface		Not Available		
Shock absorber (front & rear)	Type		Front: Twin Tube, Gas Charged; Rear: Twin Tube, Gas Charged	
	Make		Front: Delphi Chassis; Rear: Arvin Ride Controls	
	Piston diameter		Front: 32 mm (1.26 in.); Rear 30 mm (1.18 in.)	
	Rod diameter		Front: 22 mm (0.9 in.); Rear 12.5 (0.50 in.)	

### Suspension - Front

Type and description		MacPherson Strut with Coil Springs, Stamped L-Shaped Lower Control Arm and Aluminum Steering Knuckles	
Travel	Full jounce (define load condition)	102 (From Curb)	
	Full rebound	82 (From Curb)	
Spring	Type (coil, leaf, other & material)		Coil, Steel
	Insulators (type & material)		Natural Rubber
	Size (Leaf: length & width; Coil: design height & i.d.; Bar: length & diameter)		189.3 mm DSN HT; Max I.D. 150 mm
	Spring rate N/mm (lb./in.)		FE1/FE3: 27 N/mm
	Rate at wheel N/mm (lb./in.)		FE1/FE3: 31.5 N/mm
Stabilizer	Type (link, linkless, frameless)		Linked to Control Arm
	Material & O.D. bar/tube, wall thickness		34 mm Hollow

### Suspension - Rear

Type and description		Trailing Arm with Stamped Control Arms and Open Section Transverse Beam	
Travel	Full jounce (define load condition)	95 from Curb	
	Full rebound	92 from Curb	
Spring	Type (coil, leaf, other & material)		Coil, Steel, Double Pigtail
	Size (Leaf: length & width; Coil: design height & i.d.; Bar: length & diameter)		154 mm O.D. Coil; 13.0 mm Dia. Wire
	Spring rate N/mm (lb./in.)		27 N/mm, Standard; 32N/mm, Optional
	Rate at wheel N/mm (lb./in.)		27 N/mm, Standard; 32N/mm, Optional
	Insulators (type & material)		Upper & Lower, Natural Rubber
	if leaf	No. of leaves	Not Applicable
		Shackle (comp. or tens.)	Not Applicable
Stabilizer	Type (link, linkless, frameless)		Linkless
	Material & O.D. bar/tube, wall thickness		36 mm / 4mm Hollow
Track bar (type)		Transverse Link - Open Section	

# MVMA Specifications

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 Model Year 1998 Issued \_\_\_\_\_ Revised (●) \_\_\_\_\_

## METRIC (U.S. Customary)

Model Code/Description And/OR  
 Engine Code/Description

ALL

### Brakes - Service

Description		Single Piston Caliper Disc Front; Leading-Trailing Drum Rear			
Manufacturer and brake type (std., opt., n.a.)	Front (disc or drum)	Disc			
	Rear (disc or drum)	Drum			
Valving type (proportion, delay, metering, other)		Proportioning			
Power brake (std., opt., n.a.)		Standard			
Booster type (remote, integral, vac., hyd., etc.)		Vacuum			
Vacuum	Source (inline, pump, etc.)	Inline			
	Reservoir (volume in. <sup>3</sup> )	None			
	Pump-type(elec., gear or belt driven)	Not Available			
Traction assist		All Speeds			
Operational speed range		All Speeds			
Type (engine or brake intervention)		Brake and Powertrain Torque Management			
Antilock device	Front/rear (std., opt., n.a.)	Standard			
	Manufacturer	Delphi Chassis Systems			
	Type (electronic, mech.)	Electronic			
	Number sensors or circuits	Four			
	Number antilock hydraulic circuits	Four			
	Integral or add-on system	Add-On Mounted to Master Cylinder			
	Yaw control (yes, no)	Yes			
Hyd. power source (elec., vac., mtr., pwr., strg.)		Not Applicable			
Effective area cm <sup>2</sup> (in. <sup>2</sup> )*		150 cm <sup>2</sup> (23.2 in <sup>2</sup> ) Total Frt.			
Gross Lining area cm <sup>2</sup> (in. <sup>2</sup> )** (F/R)		225 cm <sup>2</sup> (34.8 in <sup>2</sup> ) Total Frt.			
Swept area cm <sup>2</sup> (in. <sup>2</sup> )***(F/R)		749 cm <sup>2</sup> (116 in <sup>2</sup> ) Per Corner			
Rotor	Outer working diameter	F/R	278 mm (10.94 in.)		
	Inner working diameter	F/R	172 mm (6.77 in.)		
	Thickness	F/R	32.2 mm (1.27 in.)		
	Material & type (vented/solid)	F/R	Cast Iron, Vented		
Drum	Diameter & width	F/R	225 x 45 mm (8.86 x 1.77 in.)		
	Type and material	F/R	Composite Cast Iron, Finned		
Wheel cylinder bore		63.5 mm (2.49 in.)			
Master cylinder	Bore/stroke	F/R	25.4 mm (0.99 in.) / 35.44 mm (1.39 in.)		
Pedal arc ratio		3.93:1			
Line press. at 445 N (100 lb.) pedal load [kPa (psi)]					
Lining clearance		F/R	Self-Adjusting 0/0.381 mm		
Brake lining	Front wheel	Bonded or riveted (rivets/seg.)		Bonded	
		Rivet Size		Not Applicable	
		Manufacturer		Delphi Chassis systems	
		Lining code *****		DM 130 EE	
		Material		Semi-Metallic	
		****	Primary or out-board	126 x 47 x 12 mm (4.96 x 1.85 x 0.47 in.)	
		Size	Secondary or in-board	126 x 47 x 12 mm (4.96 x 1.85 x 0.47 in.)	
	Shoe thickness (no lining)		4.85 mm		
	Rear wheel	Bonded or riveted (rvts/seg.)		Riveted	
		Manufacturer		Delphi Chassis Systems	
		Lining code *****		245 FF	
		Material		Semi-Metallic	
		****	Primary or out-board	224.8 x 43.9 x 6.4 mm (8.85 x 1.73 x 0.25 in.)	
		Size	Secondary or in-board	224.8 x 43.9 x 6.4 mm (8.85 x 1.73 x 0.25 in.)	
Shoe thickness (no lining)		2 mm (0.079 in.)			

\* 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.      \*\*\*\*\*Manufacturer I.D., catalog for formulation designation and coefficient of friction classification.

# MVMA Specifications

Vehicle Line VENTURE  
 Model Year 1998 Issued \_\_\_\_\_ Revised (●) \_\_\_\_\_

## METRIC (U.S. Customary)

Model Code/Description And/Or  
 Engine Code/Description

ALL

### Tires And Wheels (Standard)

Tires	Size (service description)		P205/70R15 All Season 95S Regular; P215/70R15 All Season 97S Extended
	Type (bias, radial, steel, nylon, etc.)		Steel Belted Radial
	Inflation pressure (cold) for recommended max. vehicle load	Front kPa (psi)	240 (35)
		Rear kPa (psi)	240 (35)
Rev./mile at 70 km/h (45 mph)			
Wheels	Type & material		Steel
	Rim (size & flange type)		15 x 6.0 J
	Wheel offset		52 mm
	Attachment	Type (bolt or stud & nut)	Stud/Nut
		Circle diameter	115 mm (4.53 in.)
Number & size		Five, M12 x 1.5	
Spare	Tire and wheel		T125/70R15 B.W. Compact Spare, Radial, Wheel Dia. x Width 15 x 4, Inflation Pressure (60 psi/415 kPa)
	Storage position & location (describe)		Horizontal, Under Floor

### Tires And Wheels (Optional)

Tire size (service description)		P215/70R15 Touring 97S
Type (bias, radial, steel, nylon, etc.)		Steel Belted Radial
Wheel (type & material)		Cast Aluminum or Steel
Rim (size, flange type and offset)		15 x 6.0 J x 52
Tire size (service description)		P215/70R15 97S
Type (bias, radial, steel, nylon, etc.)		Steel Belted Radial Touring W/Sealant
Wheel (type & material)		
Rim (size, flange type and offset)		
Tire size (service description)		
Type (bias, radial, steel, nylon, etc.)		
Wheel (type & material)		
Rim (size, flange type and offset)		
Tire size (service description)		
Type (bias, radial, steel, nylon, etc.)		
Wheel (type & material)		
Rim (size, flange type and offset)		
Spare tire and wheel size		
(if configuration is different than road tire or wheel, describe optional spare tire and/or wheel location & storage position)		

### Brakes - Parking

Type of control		Foot Pedal Application
Location of control		Under Instrument Panel, Left of Steering Column
Operates on		Rear Service Brakes
If separate from service brakes	Type (internal or external)	--
	Drum diameter	--
	Lining size (length x width x thickness)	--

# MVMA Specifications

Vehicle Line VENTURE  
 Model Year 1998 Issued \_\_\_\_\_ Revised (●) \_\_\_\_\_

## METRIC (U.S. Customary)

Model Code/Description And/Or  
 Engine Code/Description

ALL

### Steering

Manual (std., opt., n.a.)		Not Applicable		
Power (std., opt., n.a.)		Standard		
Speed-sensitive (std., opt., n.a.)		Not Available		
4-wheel steering (std., opt., n.a.)		Not Available		
Adjustable steering wheel/column (tilt, telescope, other)	Type	Tilt Column		
	Manufacturer	Delphi Saginaw Steering Systems		
	(std., opt., n.a.)	Optional		
Wheel diameter** (W9) SAE J1100	Manual	Not Applicable		
	Power	395 mm (15.6 in.)		
Turning diameter m (ft.)	Outside front	Wall to wall (l. & r.)	12.33 m (40.5 ft.) Regular 12.94 m (42.5 ft.) Extended	
		Curb to curb (l. & r.)	11.77 m (38.6 ft.) Regular 12.39 m (40.6 ft.) Extended	
	Inside rear	Wall to wall (l. & r.)	11.9 m (39.1 ft.) Regular 12.6 m (41.4 ft.) Extended	
		Curb to curb (l. & r.)	11.4 m (37.4 ft.) Regular 12.1 m (39.7 ft.) Extended	
Scrub Radius*		-10.7 mm (-0.42 in.)		
Manual	Gear	Type	Not Applicable	
		Manufacturer	Not Applicable	
		Ratios	Gear Overall	Not Applicable Not Applicable
	No. wheel turns (stop to stop)		Not Applicable	
Power	Type (coaxial, elec. hyd., etc.)		Hydraulic	
	Manufacturer		Delphi Saginaw Steering Systems	
	Gear	Type	Rack and Pinion with Integral Power Unit	
		Ratios	Gear	45.13 mm/REV
	Overall		16.8:1	
	Pump (drive)		Belt Off Crankshaft Pulley	
No. wheel turns (stop to stop)		3.05		
Linkage	Type		End Take-Off Tie Rods	
	Location (front or rear of wheels, other)		Rear of Front Wheel Centerline	
	Tie rods (one or two)		Two	
Steering axis	Inclination at camber (deg.)		13.7	
	Bearings (type)	Upper	Ball Bearing	
		Lower	Ball Joint	
		Thrust	Ball Bearing	
Steering spindle/knuckle & joint type		MacPherson Strut with Lower Ball Joint		

\* The horizontal distance in the front elevation between wheel centerline and kingpin (ball joint) axis at ground.  
 \*\* See Page 23.

# MVMA Specifications

Vehicle Line VENTURE  
 Model Year 1998 Issued \_\_\_\_\_ Revised (●) \_\_\_\_\_

## METRIC (U.S. Customary)

Model Code/Description And/Or  
 Engine Code/Description

ALL

### Wheel Alignment

Front wheel at curb mass (wt.)	Service checking	Caster (deg.)	2.9 (±) 0.5 ; Cross-Caster within 0.75
		Camber (deg.)	-0.70 (±) 0.5 ; Cross-Camber Within 0.75
		Toe-in outside track mm (in.)	0.0 (±) 0.10; Sum Toe 0.20 Deg. max.
	Service reset*	Caster (deg.)	Not Adjustable
		Camber (deg.)	-0.70 (±) 0.5 ; Cross-Camber Within 0.75
		Toe-in mm (in.)	0.0 (±) 0.10; Sum Toe 0.20 Deg. max.
Periodic M.V. inspection	Caster (deg.)	Not Adjustable	
	Camber (deg.)	-0.70 (±) 0.5 ; Cross-Camber Within 0.75	
	Toe-in mm (in.)	0.0 (±) 0.10; Sum Toe 0.20 Deg. max.	
Rear wheel at curb mass (wt.)	Service checking	Camber (deg.)	-1.0 (±) 0.3
		Toe-in outside track mm (in.)	-0.0 (±) 0.3 Total (Thrust = ± .15) Deg.
	Service reset*	Camber (deg.)	Not Adjustable
		Toe-in mm (in.)	Not Adjustable
	Periodic M.V. insp.	Camber (deg.)	-1.0 (±) 0.3
		Toe-in mm (in.)	0.0 (±) 0.3 Total (Thrust = ± .15) Deg.

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

### Electrical - Instruments and Equipment

Speed-ometer	Type (analog, digital, std., opt.)	Analog Standard
	Trip odometer (std., opt., n.a.)	Standard
Head-up display	Standard, optional, not available	Not Available
	Type	Secondary, opto-electronic
	Speedometer	Digital
	Status/warning indicators	Turn signals, high beam, low fuel, check gauges
	Brightness control	Day / night mode, adjustable
EGR maintenance indicator		
Charge indicator	Type	Indicator
	Warning device (light, audible)	Light
Temperature indicator	Type	Analog
	Warning device (light, audible)	Light
Oil pressure indicator	Type	Light
	Warning device (light, audible)	Only Light Available
Fuel indicator	Type	Analog
	Warning device (light, audible)	Low Fuel Light
Windshield wiper	Type (standard)	Two-Speed, Depressed Park, Symmetrical Overlap
	Type (optional)	Not Available
	Blade length	24 in. (600 mm)
	Swept area cm <sup>2</sup> (in. <sup>2</sup> )	8484.4 cm <sup>2</sup>
Windshield washer	Type (standard)	Wet-Arm System
	Type (optional)	Not Available
	Fluid level indicator (light, audible)	Not Available
Rear window wiper, wiper/washer (std., opt., n.a.)		Standard (Delay Wipe/Demand Wash)
Horn	Type	Air Tone
	Number used	Two
ABS Fault / Active Indicator	Type	Light
	Warning Device	Not Available

# MVMA Specifications

Vehicle Line VENTURE  
 Model Year 1998 Issued \_\_\_\_\_ Revised (●) \_\_\_\_\_

## METRIC (U.S. Customary)

Engine Code/Description

3.4 LITER V6 LA1

### Electrical - Supply System

Battery	Manufacturer	Delphi - E	
	Model, std., (opt.)	78A - 72	
	Voltage	12	
	Amps at 0° F. cold crank	600	
	Minutes-reserve capacity	115	
	Amps/hrs.	69	
	Location	Front Right Engine Compartment	
Bruce Lyons Alternator	Manufacturer	Valeo	Delphi
	Rating (idle/max. rpm)(1600/6500 GRPM)	42/105	58/145
	Ratio (alt. crank/rev.)	2.92:1	2.67:1
	Output at idle (rpm, park) A/C on (Hi-Temp)	64 (775 ERPM)	72.9 Amps (775 ERPM) w/Rr.A/C
Optional (type & rating)	Base	Optional	
Regulator	Type	Integral with Alternator	Integral with Alternator

### Electrical - Starting System

Motor	Manufacturer	Delphi - E	
	Current drain _____ °C (°F)	318 Amps @ -30 (-22)	
	Power rating kw (hp)	1.5 (2)	
Motor drive	Engagement type	Solenoid Actuated, Positive Engagement	
	Pinion engages from (front, rear)	Front	

### Electrical - Ignition System

Type	Electronic (std., opt., n.a.)	Standard	
	Other (specify)	--	
Coil	Manufacturer	Delphi	
	Model	Direct Ignition System	
	Current	Engine stopped - A	
Engine idling - A			
Spark plug	Manufacturer	Delphi	
	Model	41 - 940	
	Thread (mm)	14	
	Tightening torque N-m (lb. ft.)	9-20 (7-15)	
	Gap	1.5 mm	
	Number per cylinder	One	
Distributor	Manufacturer	Not Applicable	
	Model	Not Applicable	

### Electrical - Suppression

Locations & type	Internal Alternator Capacitor, Non-Metallic High Tension Ignition Cables, Resistor Spark Plugs, Ignition Coil By-Pass Capacitor, Internal AC Blower Motor By-Pass Capacitor & A/C Compressor Diode, Internal Capacitors for Cooling Fan and Windshield Wiper Motor.
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# MVMA Specifications

Vehicle Line VENTURE  
 Model Year 1998 Issued \_\_\_\_\_ Revised (●) \_\_\_\_\_

## METRIC (U.S. Customary)

Model Code/Description

ALL

### Body

Structure	Full Unitized Steel Body Construction Including Steel Roof and Quarter Panels. Doors and Liftgate Feature Steel Panel Construction. Hood is Aluminum Inner and Outer.
Bumper system front - rear	Fascia - TPO Polypropylene Foam Energy Absorber Front and Rear Steel Front Impact Bar Azdel Rear Impact Bar
Anti-corrosion treatment	Two-Sided Galvanized Metals, Phosphate Treatments, and Electro Deposition Primers

### Body - Miscellaneous Information

Type of finish (lacquer, enamel, other)	Base Coat/Clear Coat High Solids Enamel	
Hood	Material & mass	
	Hinge location (front, rear)	
	Type (counterbalance, prop)	Four Bar Link with a Prop Rod at the Front
	Release control (internal, external)	Body Interior Release of Primary Latch with Lever Operation Secondary
Trunk lid	Material & mass	Not Applicable
	Type (counterbalance, other)	Not Applicable
	Internal release control (elec., mech., n.a.)	Not Applicable
Hatchback lid	Material & mass	Not Applicable
	Type (counterbalance, other)	Not Applicable
	Internal release control (elec., mech., n.a.)	Not Applicable
Tailgate	Material & mass	Steel
	Type (drop, lift, door)	Liftgate One Piece with Fixed Glass
	Internal release control (elec., mech., n.a.)	External Key-Operated Unlock; Handle-Operated Unlatch
Vent window control (crank, friction, pivot, power)	Front	Not Applicable
	Rear	Pivot - Standard; Power - Optional
Window regulator type (cable, tape, flex drive, etc.)	Front	Cross Arm Regulator with Fixed Point Geometry
	Rear	Rear Side Glass is Flip Out Hinged at the Front Over Center Latch at Rear
Seat cushion type (e.g., 60/40 bucket, bench, wire, foam, etc.)	Front	Buckets with Full Foam Cushions
	Rear	Std. - Full Bench w/Full Foam Cushions - Easy Removal Opt. - Buckets and Split Benches with Adjusters
	3rd seat	Std. - Full Bench w/Full Foam Cushions - Easy Removal Opt. - Buckets and Split Benches with Adjusters
Seat back type (e.g., 60/40 bucket, bench, wire, foam, etc.)	Front	Buckets with Full Foam Backs
	Rear	Std. - Full Bench with Full Foam Cushions - Easy Removal Opt. - Buckets and Split Benches with Recliners
	3rd seat	Std. - Full Bench with Full Foam Cushions - Easy Removal Opt. - Buckets and Split Benches with Recliners

### Frame

Type and description (separate frame, unitized frame, partially-unitized frame)	Unitized Steel Body; Separate Engine Cradle
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# MVMA Specifications

Vehicle Line VENTURE  
 Model Year 1998 Issued \_\_\_\_\_ Revised (●) \_\_\_\_\_

## METRIC (U.S. Customary)

Model Code/Description

ALL

### Restraint System

Seating Position			Left	Center	Right
Active	Type & description (lap & shoulder belt, lap belt, etc.)  Standard / Optional	First seat	Lap & Shoulder Belt		Lap & Shoulder Belt
		Second seat	Lap & Shoulder Belt	Lap Belt	Lap & Shoulder Belt
		Third seat	Lap & Shoulder Belt	Lap Belt	Lap & Shoulder Belt
Passive	Type & description (air bag, motorized-2-point belt, fixed belt, knee bolster, manual-lap belt)  Standard / Optional	First seat	Air Bag & Knee Bolster		Air Bag & Knee Bolster
		Second seat			
		Third seat			
<b>Glass</b>		<b>SAE Ref.No.</b>	<b>REGULAR</b>	<b>EXTENDED</b>	
Windshield glass exposed surface area cm <sup>2</sup> (in. <sup>2</sup> )		S1	12,145 (1882)	12,145 (1882)	
Side glass exposed surface area cm <sup>2</sup> (in. <sup>2</sup> ) - total 2 sides		S2	20,306 (3147)	23,676 (3670)	
Backlight glass exposed surface area cm <sup>2</sup> (in. <sup>2</sup> )		S3	5,388 (835)	5,388 (835)	
Total glass exposed surface area cm <sup>2</sup> (in. <sup>2</sup> )		S4	37,839 (5865)	41,209 (6387)	
Windshield glass (type/thickness)			Laminated Glass, 5.4 mm		
Side glass (type/thickness)			Tempered Glass, 3.5 mm Lt. Tint Standard; 4.0 mm Dk. Tint-Optional		
Backlight glass (type/thickness)			Tempered Glass, 3.5 mm Lt. Tint Standard; 4.0 mm Dk. Tint-Optional		
Tinted (yes/no, location)			Yes, Side and Back Glass		
Solar control (yes/no, coated/batched, location)			Yes, Coated, Windshield; Solar Control on Dark Tint, Quarter Glass & Backlight		

### Headlamps

Description (sealed beam, halogen, replaceable bulb, etc.)	Dual Filament, Replaceable Bulb
Shape	Rectangular
Lo-beam type (2A1, 2B1, 2C1, etc.)	9004 - HB1 (Lo and Hi-Beam - One Bulb)
Quantity	Two - One On Each Side
Hi-beam type (1A1, 2A1, 1C1, 2C1, etc.)	9004 - HB1 (Lo and Hi-Beam - One Bulb)
Quantity	



# MVMA Specifications

Vehicle Line VENTURE  
 Model Year 1998 Issued \_\_\_\_\_ Revised (●) \_\_\_\_\_

## METRIC (U.S. Customary)

Engine Code/Description

3.4 LITER V6 LA1

### Climate Control System

Air conditioning (std., opt., man., auto.)		Standard Manual Front A/C; (C60)	Optional Manual Front/Rear A/C (C34)
Condenser	Type	Tube & Fin Aluminum (C60);	Header Tube and Center Aluminum (C34)
	Eff. face area (sq. mm.)	315,180 (C60);	298,680 (C34)
	Fins per inch	13 (C60);	10 (C34)
Evaporator	Type	Plate & Center	
	Eff. face area (sq. mm.)	60,880	
	Fins per inch	14	
Heater core	Material	Aluminum	
	Eff. face area (sq. mm.)	33,2250	
	Fins per inch	38	
Compressor	Type	Variable Disp. 5 Cylinder Axial	
	Displacement (cc.)	150.7	
	Manufacturer	Delphi Harrison Thermal Systems	
	A/C pulley ratio	1.34	
Accumulator	Type	Aluminum	
	Height (mm.)	232.2	
	Diameter (mm.)	88.8	
Receiver	Type	Not Applicable	
	Height (mm.)	Not Applicable	
	Diameter (mm.)	Not Applicable	
Refrigerant control (CCOT, TVS, etc.)		VDOT (Variable Displacement Orifice Tube)	
Heater water valve (yes / no)		No	
Refrigerant (R - 12, R - 134a, etc.)		R-134a	
Charge level (lbs. - oz.)		2.0 (C60);	2.87 (C34)
Cold engine lockout switch (yes / no)		No	
Wide open throttle cutout switch (yes / no)		Yes	

# MVMA Specifications

Vehicle Line VENTURE  
 Model Year 1998 Issued \_\_\_\_\_ Revised (●) \_\_\_\_\_

## METRIC (U.S. Customary)

Model Code/Description

ALL

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

Clock (digital, analog)		Digital Standard, Included W/Standard Radio - All
Compass / thermometer		Not Available
Console (floor, overhead)		Floor - Std. / Overhead - Std.
Defroster, electric windshield		Not Available
Defroster, electric backlight		Optional
Electronic	Diagnostic monitor (integrated, individual)	Not Available
	Instrument cluster (list instruments)	Speedometer, Temperature Gage, Fuel Gage, Odometer, Trip Odometer
	Keyless entry	Active Two - Button; Active Three - Button w/Opt. Power Sliding Door; Active Four - Button w/power Sliding Door and w/Opt. Alarm
	Tripminder (avg. spd., fuel)	Digital (Inc. w/Opt. Extended Overhead Console)
	Voice alert (list items)	Not Available
	Other	Not Available
Fuel door lock (remote, key, electric)		Not Available
Integrated Child Seating	Std./opt. & location in vehicle	Optional; 2nd Row Bucket or 40/60 Split Bench with Recliners
	Number of occupants	One Per Seat
	Occupant weight/height (min. & max.)	20-40 Pounds and Less than 40" - Use 5-Point Belt System Plus 40 Pounds - Use 3 Point Belt System
	Restraint system description (3 or 5-point belts/booster seat capability)	Five - Point Belt System with Manual Cinch; Booster Capable
Lamps	Auto head on/off delay, dimming	Automatic Headlights On/Off with DRL
	Cornering	Not Available
	Courtesy (map, reading)	Standard
	Door lock, ignition	Interior Door Lock Switches Lighted (W/Opt. Power Door Locks)
	Engine compartment	Standard
	Fog	Not Available
	Glove compartment	Standard
	Trunk	Not Applicable
	Illuminated entry system (list lamps, activation)	Standard -- I/P Courtesy, Two; Second Row Center Dome, Rear Cargo Dome, Roof-Console Map Lamps, Two
Other	Rear Reading Lamp, Optional (Standard - 1UM16/1UN16)	
Mirrors	Day / night (auto., man.)	Standard - Manual
	L.H. (remote, power, heated)	Power Standard
	R.H. (convex, remote, power, heated)	Power Standard - Convex
	Visor vanity (RH / LH, illuminated)	RH/LH Non-Illum. Standard; Illuminated Optional
Navigation system (describe)		Not Available
Parking brake-auto release (warning light)		Warning Light Standard; Auto Release Not Available

# MVMA Specifications

Vehicle Line VENTURE  
 Model Year 1998 Issued \_\_\_\_\_ Revised (●) \_\_\_\_\_

## METRIC (U.S. Customary)

Model Code/Description

ALL

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

Power equipment	Deck lid (release, pull down)		Not Applicable
	Door locks (manual, automatic, describe system)		Standard Automatic Lock System Provides Lock/Unlock of All Doors Inc. Liftgate Via Front Door Switches; Sliding Door Lock Delay, Auto Lock Out of Park is a Customized Feature, Remote Keyless Entry - Optional
	Seats	2 - 4 - 6 way, etc.	Six-Way Power Optional for Driver Seat
		Reclining (R.H., L.H.)	Not Available
		Memory (R.H.,L.H., preset recline)	Not Available
		Support (lumbar, hip, thigh, etc.)	Not Available
		Heated (R.H., L.H., other)	Not Available
	Side windows		Optional - Front Door Windows Only
	Vent windows		Not Available
Rear windows		Optional (Rear Quarter Vent)	
Radio systems	Antenna (location, whip, w/shield, power)		Integrated Windshield
	Standard	AM, FM, stereo, tape, compact disc, graphic equalizer, theft deterrent, radio prep package, headphone jacks, etc.	AM/FM Stereo/Clock
	Optional		AM/FM Stereo/Clock/Cassette AM/FM Stereo/Cassette/Rear Seat Audio AM/FM Stereo/Compact Disc/Rear Seat Audio Remote CD Player Rear Seat Audio
	Speaker (number, location)		Four Six Inch Round - Standard One Each Front Door; Two in Liftgate
Roof: open air or fixed (flip-up, sliding, *T*)			Not Available
Speed control device			Optional, Includes Resume Speed and Acceleration Feature
Speed warning device (light, buzzer, etc.)			Not Available
Tachometer (rpm)			Not Available
Telephone system (describe)			Not Available
Theft deterrent system			Optional

### Trailer Towing

Towing capable	Yes / No	Yes
Engine / transmission / axle	Std. / Opt.	3.4L V6 / 4A / 3.29, Std.
Tow class (I, II, III)*	Std. / Opt.	I (Class II W/Opt. Trailering Provisions (V92))
Max. gross trailer wgt. (lbs.)	Std / Opt.	2000 lbs. (Limited by Max. GCW of 6607 lbs.), Std. 3500 lbs. (Limited by Max. GCW of 8107 lbs.), Opt.
Max. trailer tongue load (lbs.)	Std. / Opt.	200 lbs., Std.; 350 lbs., Opt.
Towing package available	Yes / No	Yes, Opt. Trailering Provisions (V92)

\* Class I - 2,000 lbs.    Class II - 3,500 lbs.    Class III - 5,000 lbs.

# MVMA Specifications

Vehicle Line VENTURE  
 Model Year 1998 Issued \_\_\_\_\_ Revised (●) \_\_\_\_\_

## METRIC (U.S. Customary)

### Vehicle 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 vehicle line. SAE Ref. no. refers to the definition published in SAE Recommended Practice J1100 "Motor Vehicle Dimensions," unless otherwise specified.

Model Code/Description	SAE Ref. No.	REGULAR	EXTENDED
<b>Width</b>			
Tread (front)	W101	1562 (61.5)	1562 (61.5)
Tread (rear)	W102	1608 (63.3)	1608 (63.3)
Vehicle width	W103	1830 (72.0)	1830 (72.0)
Body width at SgRP (front)	W117	1803 (71.0)	1803 (71.0)
Vehicle width (front doors open)	W120	3550 (139.8)	3550 (139.8)
Vehicle width (rear doors open)	W121	1057 (41.6)	1057 (41.6)
Tumble-home (degrees)	W122	18	18
Outside mirror width	W410	2177 (85.7)	2177 (85.7)

### Length

Wheelbase	L101	2845 (112.0)	3047 (120.0)
Vehicle length	L103	4747 (186.9)	5102 (200.9)
Overhang (front)	L104	936 (36.9)	935 (36.8)
Overhang (rear)	L105	966 (38.0)	1120 (44.1)
Upper structure length	L123	3246 (127.8)	3601 (141.8)
Rear Wheel C/L "X" coordinate	L127	4638 (182.6)	4840 (190.6)

### Height \*\*

Passenger distribution (front/rear)	PD1 ,2,3	Not Available	Not Available
Trunk/cargo load		Not Applicable	Not Applicable
Vehicle height	H101	1712 (67.4)	1729 (68.1)
Cowl point to ground	H114	1071 (42.2)	1080 (42.5)
Deck point to ground	H138	No Deck	No Deck
Rocker panel-front to ground	H112	222 (8.7)	232 (9.1)
Rocker panel-rear to ground	H111	242 (9.5)	258 (10.2)
Windshield slope angle (degrees)	H122	57	57
Backlight slope angle (degrees)	H121	27.8	27.8

### Ground Clearance \*\*

Front bumper to ground	H102	212 (8.3)	217 (8.5)
Rear bumper to ground	H104	264 (10.4)	280 (11.0)
Bumper to ground front at curb mass (wt.)	H103	224 (8.8)	231 (9.1)
Bumper to ground rear at curb mass (wt.)	H105	277 (10.9)	289 (11.4)
Angle of approach (degrees)	H106	19.4	19.8
Angle of departure (degrees)	H107	15	15.2
Ramp breakover angle (degrees)	H147	12	11.9
Axle differential to ground (front/rear)	H153	Not Available	Not Available
Min. running ground clearance	H156	139 (5.5) (At RR. Shock Bracket)	152 (6.0) (At RR. Shock Bracket)
Location of min. running ground clear.		Front Cradle	Front Cradle

\*\* All Vehicle Height And Ground Clearance Are Made Using EPA Loaded Vehicle Weight, Loading Conditions. EPA loaded vehicle weight is the base vehicle weight plus all coolant and fluids necessary for operation plus 100% of the fuel capacity, plus the weight of all options and accessories which weigh three pounds or more and which are sold on at least 33% of the car line, plus two occupants.

All linear dimensions are in millimeters (inches).

# MVMA Specifications

Vehicle Line VENTURE  
 Model Year 1998 Issued \_\_\_\_\_ Revised (●) \_\_\_\_\_

## METRIC (U.S. Customary)

### Vehicle Dimensions

See Key Sheets for definitions

Model Code/Description	SAE Ref. No.	REGULAR		EXTENDED	
<b>Front Compartment</b>					
SgRP front, "X" coordinate	L31	3079 (121.2)		3079 (121.2)	
Effective head room	H61	1013 (39.9)		1013 (39.9)	
Max. effective leg room (accelerator)	L34	1013 (39.9)		1013 (39.9)	
SgRP to heel point	H30	363 (14.3)		363 (14.3)	
SgRP to heel point	L53	751 (29.6)		751 (29.6)	
Back angle (degrees)	L40	22		22	
Hip angle (degrees)	L42	96		96	
Knee angle (degrees)	L44	113		113	
Foot angle (degrees)	L46	87		87	
Design H-point front travel	L17	205 (8.1)		205 (8.1)	
Normal driving & riding seat track trvl.	L23	151 (5.9)		151 (5.9)	
Shoulder room	W3	1518 (59.8)		1518 (59.8)	
Hip room	W5	1409 (55.5)		1409 (55.5)	
*** Upper body opening to ground	H50	1562 (61.5)		1572 (61.9)	
Steering wheel maximum diameter*	W9	395 (15.6)		395 (15.6)	
Steering wheel angle (degrees)	H18	28		28	
Accel. heel pt. to steer. whl. cntr.	L11	383 (15.1)		383 (15.1)	
Accel. heel pt. to steer. whl. cntr.	H17	738 (29.1)		738 (29.1)	
Undepressed floor covering thickness	H67	49 (1.9)		49 (1.9)	

Front Compartment Interior Dimensions are Measured with the Seating Reference Point (SgRP) \_\_\_\_\_ mm forward and \_\_\_\_\_ mm Upward of Rearmost Position.

<b>Rear Compartment</b>					
SgRP point couple distance	L50	824 (32.4)		891 (35.1)	
Effective head room	H63	997 (39.3)		999 (39.3)	
Min. effective leg room	L51	937 (36.9)		990 (39.0)	
SgRP (second to heel)	H31	338 (13.3)		341 (13.5)	
Knee clearance	L48	53 (2.1)		114 (4.5)	
Shoulder room	W4	1572 (61.9)		1572 (61.9)	
Hip room	W6	1533 (60.4)		1533 (60.4) Single; 1633 (64.3) Dual	
*** Upper body opening to ground	H51	1586 (62.4)		1600 (63.0)	
Back angle (degrees)	L41	22		22	
Hip angle (degrees)	L43	90		94	
Knee angle (degrees)	L45	96		107	
Foot angle (degrees)	L47	126		130	
Depressed floor covering thickness	H73	18 (0.7)		18 (0.7)	

### Luggage Compartment

Usable luggage capacity L (cu. ft.)	V1	Not Applicable	Not Applicable
*** Liftover height	H195	610 (24.0)	636 (25.0)

### Interior Volumes (EPA Classification)

(NOT APPLICABLE)

Vehicle class	
Interior volume index including trunk/cargo (cu. ft.)**	E1
Trunk/cargo index (cu. ft.)	V13

\* See page 14.

\*\* See definition page 33.

All linear dimensions are in millimeters (inches) unless otherwise noted.

\*\*\* EPA Loaded Vehicle Weight, Loading Conditions

# MVMA Specifications

Vehicle Line VENTURE  
 Model Year 1998 Issued \_\_\_\_\_ Revised (●) \_\_\_\_\_

## METRIC (U.S. Customary)

### Vehicle Dimensions

See Key Sheets for definitions

Model Code/Description	SAE Ref. No.	REGULAR		EXTENDED	
<b>Station Wagon/MPV* -Third Seat</b>					
Seat facing direction	SD1	FWD		FWD	
SgRP couple distance	L85	805 (31.7)		868 (34.2)	
Shoulder room	W85	1526 (60.1)		1515 (59.6)	
Hip room	W86	1228 (48.3)		1228 (48.3)	
Effective leg room	L86	864 (34.0)		933 (36.7)	
Effective head room	H86	985 (38.8)		989 (38.9)	
SgRP to heel point	H87	317 (12.5)		318 (12.5)	
Knee clearance	L87	41 (1.6)		95 (3.7)	
Back angle (degrees)	L88	22		22	
Hip angle (degrees)	L89	84		88	
Knee angle (degrees)	L90	84		96	
Foot angle (degrees)	L91	119		128	

### Station Wagon/MPV\* - Cargo Space

Cargo length (open front)	L200	Not Applicable	Not Applicable
Cargo length (open second)	L201	Not Applicable	Not Applicable
Cargo length (closed front)	L202	2186 (86.1)	2541 (100.0)
Cargo length (closed second)	L203	1288 (50.7)	1585 (62.4)
Cargo length at belt (front)	L204	1896 (74.6); 1995 (78.5) Max.	2243 (88.3) 2350 (92.5) Max.
Cargo length at belt (second)	L205	1052 (41.4)	1349 (53.1)
Cargo width (wheelhouse)	W201	1228 (48.3)	1228 (48.3)
Rear opening width at floor	W203	1291 (50.8)	1310 (51.6)
Opening width at belt	W204	1305 (51.4)	1282 (50.5)
Min. rear opening width above belt	W205	1092 (43.0)	1092 (43.0)
Cargo height	H201	1164 (45.8)	1146 (45.1)
Rear opening height	H202	1034 (40.7)	1034 (40.7)
Tailgate to ground height	H250	Not Applicable	Not Applicable
Front seat back to load floor height	H197	943 (37.1)	915 (36.0)
Cargo volume index m <sup>3</sup> (ft. <sup>3</sup> )	V2	Not Applicable	Not Applicable
Hidden cargo volume index m <sup>3</sup> (ft. <sup>3</sup> )	V4	Not Applicable	Not Applicable
Cargo volume index-rear of 2-seat	V10		
Cargo volume index*	V6	3582 (126.6 cu. ft.)	4198 (148.3 cu. ft.) Single 4413 (155.9 cu. ft.) Dual
Cargo width at floor*	W500	1502 (59.1)	1502 (59.1) Single 1579 (62.2) Dual
Maximum cargo height*	H505	1228 (48.3)	1234 (48.6)

### Hatchback - Cargo Space

Cargo length at front seatback height	L208	Not Available	Not Available
Cargo length at floor (front)	L209	Not Available	Not Available
Cargo length at second seatback height	L210	Not Available	Not Available
Cargo length at floor (second)	L211	Not Available	Not Available
Front seatback to load floor height	H197	943 (37.1)	915 (36.0)
Second seatback to load floor height	H198	773 (30.4)	787 (31.0)
Cargo volume index m <sup>3</sup> (ft. <sup>3</sup> )	V3	Not Applicable	Not Applicable
Hidden cargo volume index m <sup>3</sup> (ft. <sup>3</sup> )	V4	Not Applicable	Not Applicable
Cargo volume index - rear of 2-seat	V11	Not Applicable	Not Applicable

All linear dimensions are in millimeters (inches) unless otherwise noted.

\* MPV - Multipurpose Vehicle

\*\* EPA Loaded Vehicle Weight, Loading Conditions

# MVMA Specifications

Vehicle Line VENTURE  
 Model Year 1998 Issued \_\_\_\_\_ Revised (●) \_\_\_\_\_

## METRIC (U.S. Customary)

Model Code/  
Description

REGULAR

EXTENDED

### Vehicle Fiducial Marks

Fiducial Mark Number*	Define Coordinate Location		
Front	<p>X - Fiducial mark to vertical zero grid line - front measured horizontally, from the zero grid line to the front fiducial mark located on top of the front seat adjuster mounting bolt.</p> <p>Y - Fiducial mark to centerline of car - front, width measurement made from centerline car to fiducial mark located on top of the front seat adjuster mounting bolt.</p> <p>Z - Fiducial mark to horizontal zero grid line - front, measured vertically from zero grid line to front fiducial mark located on top of the front seat adjuster mounting bolt.</p>		
Rear	<p>X - Fiducial mark to vertical zero grid line - rear, measured horizontally from the zero grid line to rear fiducial mark located on the rail (compartment pan - longitudinal.)</p> <p>Y - Fiducial mark to centerline of car - rear, width measurement made from centerline of car to fiducial mark located on the rail (compartment pan - longitudinal.)</p> <p>Z - Fiducial mark to horizontal zero grid line - rear, measured vertically from the zero grid line to rear fiducial mark located on the rail (compartment pan - longitudinal.)</p>		
NOTE: Provide 3 of 4 Fiducial Mark Locations			
Front	W21**	568 (22.4)	568 (22.4)
	L54**	2861 (112.6)	2861 (112.6)
	H81**	617 (24.3)	617 (24.3)
	*** H161**	449 (17.7)	457 (18.0)
	*** H163**	436 (17.2)	446 (17.6)
Rear	W22**	431.5 (17.0)	431.5 (17.0)
	L55**	5032 (198.1)	5032 (198.1)
	H82**	578 (22.8)	578 (22.8)
	*** H162**	410 (16.1)	423 (16.7)
	*** H164**	398 (15.7)	413 (16.3)

\* Reference - SAE Recommended Practice, J182a, Motor Vehicle Fiducial Marks.

\*\* Reference - SAE Recommended Practice J1100 - Motor Vehicle Dimensions.

\*\*\* EPA Loaded Vehicle Weight, Loading Conditions

All linear dimensions are in millimeters (Inches) unless otherwise noted.

**MVMA Specifications  
METRIC (U.S. Customary)**

Vehicle Line VENTURE  
Model Year 1998 Issued  Revised (●)

		VEHICLE MASS (WEIGHT)					% PASS MASS DISTRIBUTION			
Code	Model	CURB MASS, kg. (lb.)*			Shipping Mass kg (lb)***	ETWC** Code	Pass in Front		Pass in Center*	
		Front	Rear	Total			Front	Rear	Front	Rear
VENTURE (1UM06) LA1, 3400		1026	712	1738	1682	Z	58.0	42.0	28.0	72.0
3-Dr. Minivan, Extended		(2262)	(1570)	(3832)	(3708)					
VENTURE (1UM16) LA1, 3400		1034	731	1765	1710	Z	58.0	42.0	28.0	72.0
4-Dr. Minivan, Extended		(2280)	(1611)	(3891)	(3770)					
VENTURE (1UN06) LA1, 3400		992	683	1675	1633	Y	55.0	45.0	29.0	71.0
3-Dr. Minivan, Regular		(2187)	(1506)	(3693)	(3600)					
VENTURE (1UN16) LA1, 3400		1001	702	1703	1661	Y	55.0	45.0	29.0	71.0
4-Dr. Minivan, Regular		(2207)	(1547)	(3754)	(3662)					
VENTURE CARGO VAN (1UM06) LA1, 3400		1013	656	1669	1614	Z	58.0	42.0	N/A	N/A
3-Dr. Minivan, Extended		(2233)	(1446)	(3679)	(3558)					
VENTURE CARGO VAN (1UM16) LA1, 3400		1021	676	1697	1642	Z	58.0	42.0	N/A	N/A
4-Dr. Minivan, Extended		(2251)	(1490)	(3741)	(3620)					

\* Reference - SAE J1100 Motor vehicle dimensions, curb weight definition.  
 \*\* ETWC - Equivalent Test Weight Class - basis for U.S. Environmental Protection Agency emission certifications.  
 Refer to ETWC code legend below for test weight class.  
 \* PASS IN THIRD ROW  
 FRONT                      REAR  
 EXTENDED                      0.0                      100.0  
 REGULAR                      -2.0                      102.0  
 CARGO                      N/A                      N/A

**ETWC LEGEND**

A = 1000	I = 2000	Q = 3000	Y = 4000
B = 1125	J = 2125	R = 3125	Z = 4250
C = 1250	K = 2250	S = 3250	AA = 4500
D = 1375	L = 2375	T = 3375	BB = 4750
E = 1500	M = 2500	U = 3500	CC = 5000
F = 1625	N = 2625	V = 3625	DD = 5250
G = 1750	O = 2750	W = 3750	EE = 5500
H = 1875	P = 2875	X = 3875	FF = 5750

\*\*\* Shipping Mass (weight) = Curb Weight Less:  
 41.6 (91.7) (Regular)  
 55.5 (122.4) (Extended)



**MVMA Specifications**  
**METRIC (U.S. Customary)**

Vehicle Line VENTURE  
 Model Year 1998 Issued \_\_\_\_\_ Revised (●) \_\_\_\_\_

		Optional Equipment Differential Mass (weight)*			
Code	Equipment	MASS, kg. (lb.)			Remarks Restrictions, Requirements
		Front	Rear	Total	
ABB	Seat Configuration (Rr. Buckets Rows 2/3)	3.0 (6.6)	-6.4 (-14.1)	-3.4 (-7.5)	
ABC	Seat Configuration (Solid Bench Rows 2/3)	-2.4 (-5.3)	-8.2 (-18.1)	-10.6 (-23.4)	1UN06
ABD	Seat Config. (Capt. Seats/Bench Rows 2/3)	-0.4 (-0.9)	4.0 (8.8)	3.6 (7.9)	
AG1	Adjuster Frt. Seat Power 6-Way Driver	0.4 (0.9)	0.4 (0.9)	0.8 (1.8)	
AN2	Integral Child Seat, One	0.6 (1.3)	1.6 (3.5)	2.2 (4.6)	
AN5	Integral Child Seats, Two	1.4 (3.1)	3.6 (7.9)	5.0 (11.0)	With Seat Configuration ABA
AN5	Integral Child Seats, Two	2.0 (4.4)	5.6 (12.3)	7.6 (16.7)	With Seat Configuration ABB
AP9	Convenience Net	-0.2 (-0.4)	0.6 (1.3)	0.4 (0.9)	
AU0	Remote Entry Lock Control	0.2 (0.4)	0.0 (0.0)	0.2 (0.4)	1UM06 / 1UN06
A20	Rear Quarter Vent Windows, Power	0.0 (0.0)	0.6 (1.3)	0.6 (1.3)	
A31	Power Windows	1.0 (2.2)	0.8 (1.8)	1.8 (4.0)	
BG9	Floor Covering, Rubber	1.0 (2.2)	1.4 (3.1)	2.4 (5.3)	Req. Cargo Van (Z10)
C34	Frt./Rr Air Conditioner/Heater System	5.0 (11.0)	11.4 (25.1)	16.4 (36.1)	1UM06 / 1UM16
C79	Roof Rail Lamps	0.2 (0.4)	0.2 (0.4)	0.4 (0.9)	1UM06 / 1UN06
DK6	Interior Roof Console Extended	0.4 (0.9)	0.2 (0.4)	0.6 (1.3)	
E58	Power Sliding Door	-0.2 (-0.4)	6.8 (15.0)	6.6 (14.6)	

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

**MVMA Specifications**  
**METRIC (U.S. Customary)**

Vehicle Line VENTURE  
 Model Year 1998 Issued \_\_\_\_\_ Revised (●) \_\_\_\_\_

		Optional Equipment Differential Mass (weight)*			
Code	Equipment	MASS, kg. (lb.)			Remarks Restrictions, Requirements
		Front	Rear	Total	
G67	Automatic Level Control	3.4 (7.5)	3.6 (7.9)	7.0 (15.4)	
KC4	Cooling System, Engine Oil	2.2 (4.8)	-0.2 (-0.4)	2.0 (4.4)	Req. Trailer Provisions (V92)
KG9	Generator, 140 Amp	1.8 (4.0)	0.0 (0.0)	1.8 (4.0)	Req. Frt/Rr A/C (C34)
K05	Engine Block Heater	0.2 (0.4)	0.0 (0.0)	0.2 (0.4)	
K34	Cruise Control	1.0 (2.2)	0.2 (0.4)	1.2 (2.6)	
NW9	Traction Control	2.0 (4.4)	0.8 (1.8)	2.8 (6.2)	
PH3	Cast Aluminum Wheels	-3.2 (-7.1)	-3.2 (-7.1)	-6.4 (-14.1)	
P42	Self - Sealing Tires	3.0 (6.6)	3.0 (6.6)	6.0 (13.2)	
UA6	Content Theft Deterrent System	0.6 (1.3)	0.0 (0.0)	0.6 (1.3)	
UK6	Rear Seat Radio Controls	0.2 (0.4)	0.4 (0.9)	0.6 (1.3)	
UL0	AM/FM Stereo Cassette Auto Tone	0.8 (1.8)	0.0 (0.0)	0.8 (1.8)	
UM6	AM/FM Stereo Cassette	0.6 (1.3)	0.4 (0.9)	1.0 (2.2)	
UN0	AM/FM Stereo CD	0.8 (1.8)	0.0 (0.0)	0.8 (1.8)	
UX6	Speaker System, Front Dual	1.8 (4.0)	0.2 (0.4)	2.0 (4.4)	Req. Cargo Van (Z10)
UZ5	Speaker System (4) Coaxial	-0.2 (-0.4)	1.0 (2.0)	0.8 (1.8)	
VK3	License Plate Front Mtg. Pkg.	0.2 (0.4)	0.0 (0.0)	0.2 (0.4)	
V08	Heavy Duty Radiator	2.8 (6.2)	-0.2 (-0.4)	2.6 (5.7)	Req. Trailer Provisions (V92)

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

**MVMA Specifications**  
**METRIC (U.S. Customary)**

Vehicle Line VENTURE  
 Model Year 1998 Issued            Revised (●)           

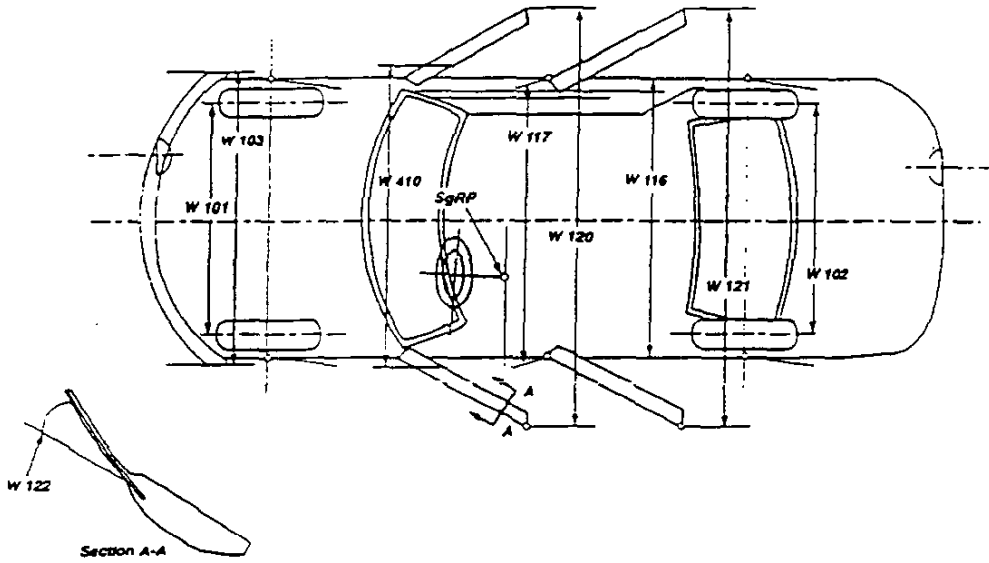
Code	Equipment	Optional Equipment Differential Mass (weight)*			Remarks Restrictions, Requirements
		MASS, kg. (lb.)			
		Front	Rear	Total	
V54	Roof Luggage Carrier	0.6 (1.3)	5.4 (11.9)	6.0 (13.2)	1UN06 / 1UN16
V54	Roof Luggage Carrier	0.6 (1.3)	6.2 (13.7)	6.8 (15.0)	1UM06/1UM16
V92	Trailer Provisions	-0.6 (-1.3)	2.4 (5.3)	1.8 (4.0)	
XPU	P215/70R15 BW AL2 Tires (Frt.)	3.2 (7.1)	0.0 (0.0)	3.2 (7.1)	1UN06 / 1UN16
XPU	P215/70R15 BW AL2 Tires (Frt.)	3.0 (6.6)	0.0 (0.0)	3.0 (6.6)	1UM06 / 1UM16
YPU	P215/70R15 BW AL2 Tires (Rr)	0.0 (0.0)	3.2 (7.1)	3.2 (7.1)	1UN06 / 1UN16
YPU	P215/70R15 BW AL2 Tires (Rr)	0.0 (0.0)	3.0 (6.6)	3.0 (6.6)	1UM06 / 1UM16
Y91	Luxury Edition Package	3.2 (7.0)	3.4 (7.5)	6.6 (14.5)	
ZX2	Two - passenger Seating	-14.2 (31.3)	-56.6 (-124.8)	-70.8 (-156.1)	

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

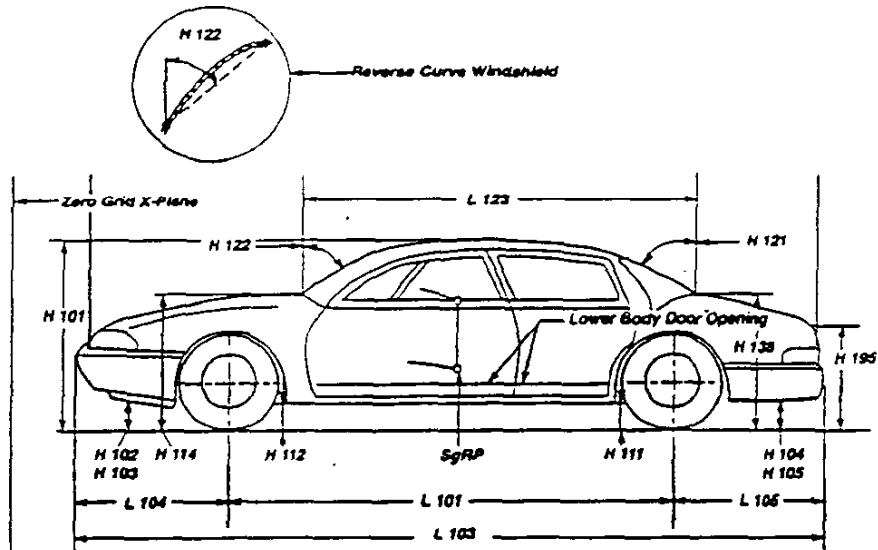
# Specifications METRIC

## Exterior Vehicle And Body Dimensions - Key Sheet

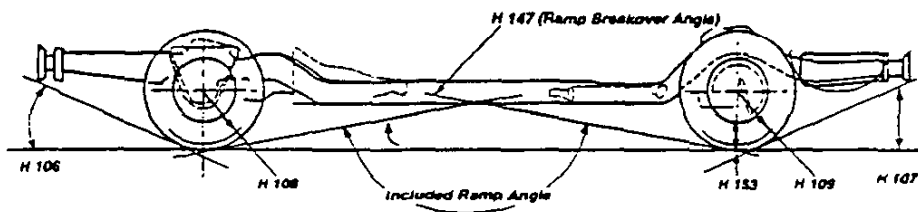
Exterior Width Dimensions



Exterior Length & Height Dimensions



Ground Clearance Dimensions

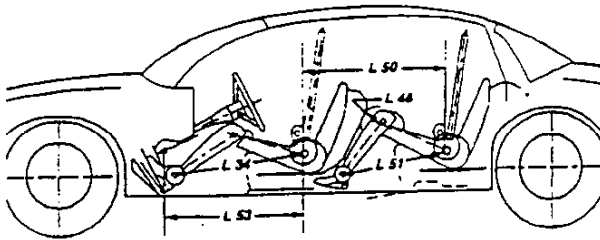


# Specifications

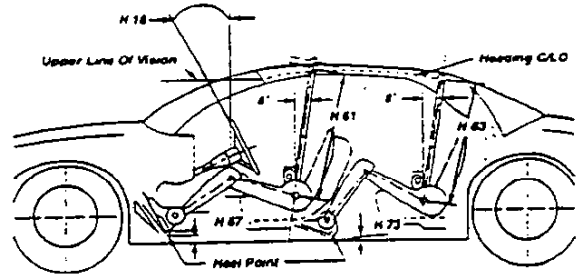
## METRIC

### Interior Vehicle And Body Dimensions - Key Sheet

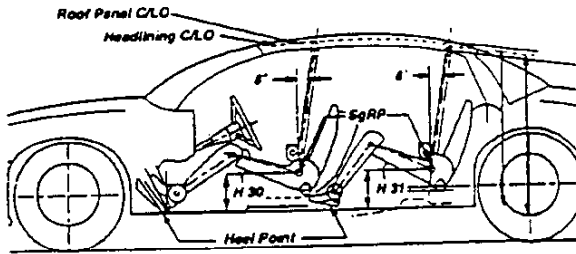
Interior Length Dimensions



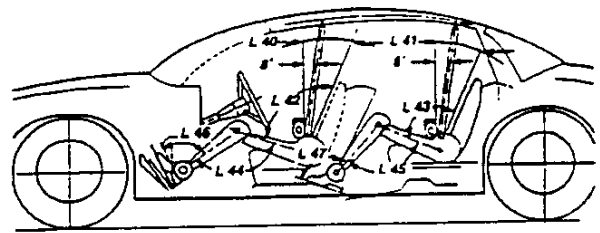
Interior Height Dimensions



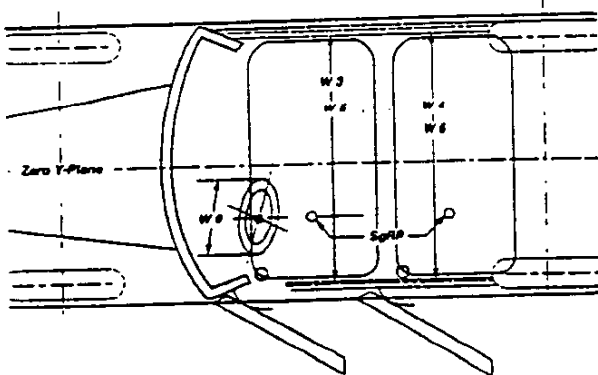
Interior Height Dimensions



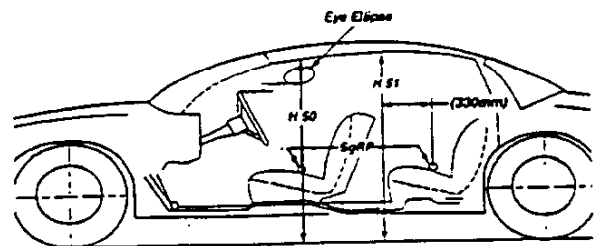
Interior Length Dimensions



Interior Width Dimensions

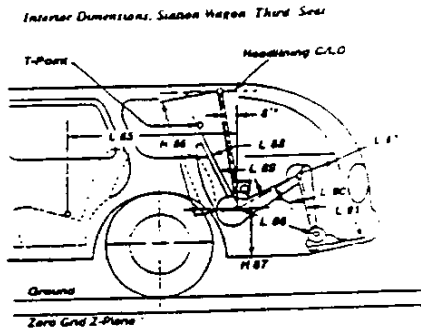


Interior Height Dimensions

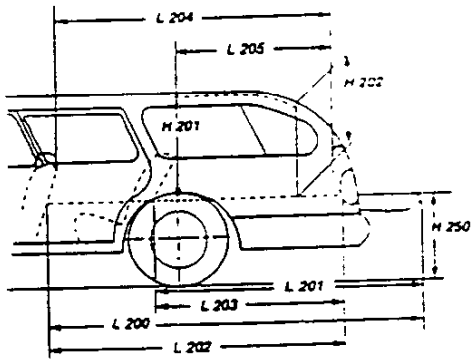


# Specifications METRIC

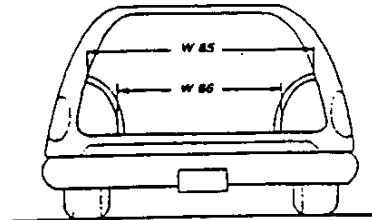
## Interior Vehicle And Body Dimensions - Key Sheet



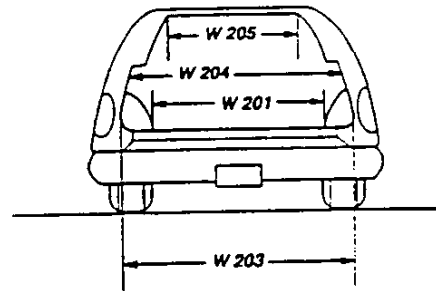
*Cargo Space Dimensions*



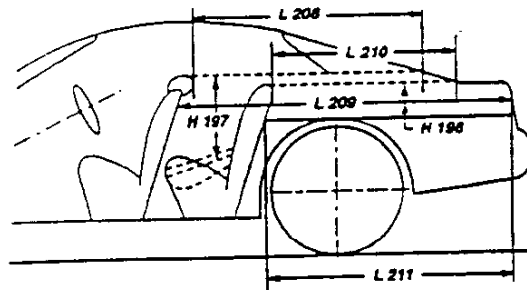
*Interior Dimensions*



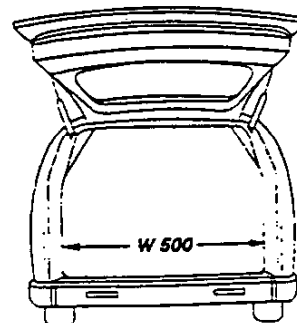
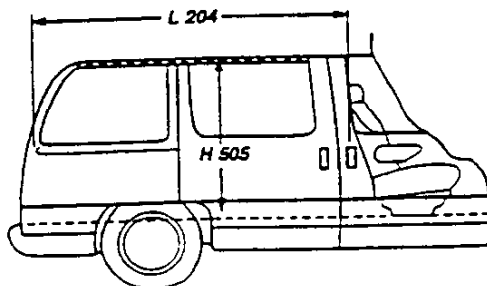
*Cargo Space Dimensions*



*Cargo Space Dimensions*



*Multipurpose Vehicle Cargo Space*



# Specifications

## METRIC

### Exterior Vehicle 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, "Devices for Use in Defining and Measuring Vehicle Seating Accommodations,".

#### 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 rear 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 glass at the front SgRP "X" plane.
- W410 OUTSIDE MIRROR WIDTH: The dimension between the widest point on the outside mirrors. The standard right and left mirror adjusted for normal driving will be shown unless otherwise noted. When only one outside mirror is standard, the dimension will be to the zero "Y" plane.

#### Length Dimensions

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

#### Height Dimensions

- H101 VEHICLE HEIGHT. The dimension measured vertically from the highest point on the vehicle body 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.
- 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.
- H114 COWL POINT TO GROUND. Measured at zero "Y" plane.
- 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 arc 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.
- H138 DECK POINT TO GROUND. Measured at zero "Y" plane.
- H109 STATIC LOAD-TIRE RADIUS-REAR. Specified by the manufacturer in accordance with composite TIRE SECTION STANDARD.

#### 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 H102.
- 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.
- H106 ANGLE OF APPROACH. The angle measured between a line tangent to the front tire static loaded radius arc and 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 arc and the initial point of structural interference rearward of the rear tire to ground. The limiting component shall be designated.
- H147 RAMP 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.

# Specifications

## METRIC

### Interior Vehicle And Body Dimensions - Key Sheet Dimensions Definitions

#### Glass Areas

- S1 Windshield area.
- S2 Side windows area. Includes the front door, rear door, vents, and rear quarter windows on both sides of the vehicle.
- S3 Backlight areas.
- S4 Total area. Total of all areas (S1 + S2 + S3).

#### Fiducial Mark Dimensions

##### Fiducial Mark - Number 1

- L54 "X" coordinate.
- W21 "Y" coordinate.
- H81 "Z" coordinate.
- H161 Height "Z" coordinate to ground at curb weight.
- H163 Height "Z" coordinate to ground.

##### Fiducial Mark - Number 2

- L55 "X" coordinate.
- W22 "Y" coordinate.
- H82 "Z" coordinate.
- H162 Height "Z" coordinate to ground at curb weight.
- H164 Height "Z" coordinate to ground.

#### Front Compartment Dimensions

- L11 ACCELERATOR WHEEL POINT TO STEERING WHEEL CENTER. The dimension measured horizontally from the AHP to the intersection of the steering column centerline and a plane tangent to the upper surface of the steering wheel rim.
- L17 DESIGN-H-POINT-FRONT TRAVEL. The dimension measured horizontally between the design H-point-front in the foremost and rearmost seat track positions. (See SAE J1100)
- L23 NORMAL DRIVING AND RIDING SEAT TRACK TRAVEL. The dimension measured horizontally between a point on the design H-point travel line from the SgRP to the displaced point on the design H-point travel line with the seat moved to the foremost seat position, but not to include seat track travel used for purposes other than normal driving and riding positions. (See SAE J1100).
- L31 SgRP-Front, "X" Coordinated.
- 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 underdepressed 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.
- 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.
- L42 HIP ANGLE-FRONT. The angle measured between torso line and thigh centerline.
- L44 KNEE ANGLE-FRONT. The angle measured between thigh centerline and lower leg centerline measured on the right leg.
- L46 FOOT ANGLE-FRONT. The angle measured between the lower leg centerline and a line tangent to the ball and heel of the bare foot flesh line measured on the right leg. Ref SAE J826.
- L53 SgRP-FRONT TO HEEL. The dimension measured horizontally from the SgRP-front to the accelerator heel point.
- W3 SHOULDER ROOM-FRONT. The minimum dimension measured laterally between the trimmed surfaces on the "X" plane through the SgRP-front at height between the belt line and 254 mm (10.0 in.) above the SgRP-front, excluding the door assist strap and attaching parts.

- 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 of the SgRP-front.
- W9 STEERING WHEEL MAXIMUM OUTSIDE DIAMETER. Define if other than round.
- H7 ACCELERATOR HEEL POINT TO THE STEERING WHEEL CENTER. The dimension measured vertically from the AHP-front to the intersection of the steering column centerline to a plane tangent to the upper surface of the steering wheel rim.
- H18 STEERING WHEEL ANGLE. The angle measured from a vertical to the surface plane of the steering wheel.
- H30 SgRP-FRONT TO HEEL. The dimension measured vertically from the SgRP-front to the accelerator heel point.
- 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.
- 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.).
- H67 FLOOR COVERING THICKNESS - UNDEPRESSED - FRONT. The dimension measured vertically from the surface of the underdepressed floor covering to the underbody sheet metal at the accelerator heel point.

#### Rear Compartment Dimensions

- L41 BACK ANGLE-SECOND. The angle measured between a vertical line through the SgRP-second and the torso line.
- L43 HIP ANGLE-SECOND. The angle measured between torso line and thigh centerline.
- L45 KNEE ANGLE-SECOND. The angle measured between thigh centerline and lower leg centerline.
- L47 FOOT ANGLE-SECOND. The angle measured between the lower leg centerline and a line tangent to the ball and heel of the three-dimensional devices bare foot flesh line (Reference J826).
- L48 KNEE CLEARANCE-SECOND. The minimum dimension measured from the knee pivot center to the back of the front seatback minus 51 mm (2.0 in.).
- L50 SgRP COUPLE DISTANCE-SECOND. The dimension measured horizontally from the driver SgRP-front to the SgRP-second.
- 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.).
- W4 SHOULDER ROOM-SECOND. The minimum dimension measured laterally between door or quarter trimmed surfaces on the "X" plane through the SgRP-second at height between 254-406 mm (10.0-16.0 in.) above the SgRP-second, excluding the door assist straps and attaching parts.
- W6 HIP ROOM-SECOND. Measured in the same manner as W5.
- 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.
- 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.
- 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.).
- H73 FLOOR COVERING-DEPRESSED-SECOND. The dimension measured vertically from the heel point to the underbody sheet metal.



# Specifications

## METRIC

### Interior Vehicle And Body Dimensions - Key Sheet Dimensions Definitions

#### 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.

#### Interior Volumes (EPA Classification)

The Interior 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 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/MPV - Third Seat Dimensions

L85 **SgRP COUPLE DISTANCE-THIRD**. The dimension measured horizontally from the SgRP-second to the SgRP-third.  
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).  
L87 **KNEE CLEARANCE-THIRD**. The minimum dimension from the knee pivot center to the back of second seatback minus a constant of 51 mm (2.0in.). With rear-facing third seat, dimension is measured to closure.  
L88 **BACK ANGLE-THIRD**. Measured in the same manner as L41.  
L89 **HIP ANGLE-THIRD**. Measured in the same manner as L43.  
L90 **KNEE ANGLE-THIRD**. Measured in the same manner as L45.  
L91 **FOOT ANGLE-THIRD**. Measured in the same manner as L47.  
W85 **SHOULDER ROOM-THIRD**. Measured in the same manner as W4.  
W86 **HIP ROOM-THIRD**. Measured in the same manner as W5.  
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.).  
H87 **SgRP-THIRD TO HEEL POINT**  
SD1 **SEAT FACING DIRECTION-THIRD**.

#### Station Wagon/MPV - Cargo Space Dimensions

L200 **CARGO LENGTH-OPEN-FRONT**. The minimum dimension measured longitudinally from the back of 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 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 backpanel 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 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 to the sheet metal.  
W203 **REAR OPENING WIDTH AT FLOOR**. The minimum dimension measured laterally between the limiting interferences of the rear 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.  
W500 **CARGO WIDTH AT FLOOR**. The maximum dimension measured laterally between the limiting interferences at the floor level. This dimension shall include ribs and pillars, but will exclude wheelhouses.  
H197 **FRONT SEATBACK TO LOAD FLOOR HEIGHT**. The dimension measured vertically from the horizontal tangent to the top of the seatback to the undepressed floor covering.  
H201 **CARGO HEIGHT**. The dimension measured vertically from the top of the undepressed floor covering to the headlining at the rear wheel "X" coordinate 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.  
H505 **MAXIMUM CARGO HEIGHT**. The maximum vertical dimension rear of the front seat from the cargo floor to roof bow or headlining at the zero "Y" plane.

# Specifications

## METRIC

### Interior Vehicle And Body Dimensions - Key Sheet

#### Dimensions Definitions

<p>V2 STATION WAGON Measured in inches:</p> $\frac{W4 \times H201 \times L204}{1728} - ft^3$ <p>Measured in mm:</p> $\frac{W4 \times H201 \times L204}{10^6} - m^3(cubicmeter)$	<p>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.</p> <p>L209 CARGO LENGTH AT FLOOR-FRONT. 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.</p> <p>L210 CARGO LENGTH AT SECOND SEATBACK HEIGHT. The minimum dimension measured from the "X" plane tangent to the rearmost surface of second seatback or the load floor which is towed at least one half of the H198 dimension height above the rear load floor, to the rearmost inside limiting interference on the zero "X" plane.</p>
<p>V4 HIDDEN LUGGAGE CAPACITY-REAR OF FRONT SEAT. The total volumes of individual pieces of one set of standard luggage stowed in any hidden cargo area below the load floor rear of the front seat.</p>	<p>L211 CARGO LENGTH AT FLOOR-SECOND SEATBACK. The minimum horizontal dimension measured 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.</p>
<p>V5 TRUCKS AND MPV'S WITH OPEN AREA Measured in inches:</p> $\frac{L506 \times W505 \times H503}{1728} - ft^3$ <p>Measured in mm:</p> $\frac{L506 \times W500 \times H503}{10^6} - m^3(cubicmeter)$	<p>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.</p> <p>H198 SECOND SEATBACK TO LOAD FLOOR HEIGHT. The dimension measured vertically from the second seatback to the undepressed floor covering.</p>
<p>V6 TRUCKS AND MPV'S WITH CLOSED AREA Measured in inches:</p> $\frac{L204 \times W500 \times H505}{1728} - ft^3$ <p>Measured in mm:</p> $\frac{L204 \times W500 \times H505}{10^6} - m^3(cubicmeter)$	<p>V3 HATCHBACK. Measured in inches:</p> $\frac{L208 - L209}{2} \times W4 \times H197$ $\frac{\quad}{1728} - ft^3$ <p>Measured in mm:</p> $\frac{L208 - L209}{2} \times W4 \times H197$ $\frac{\quad}{10^6} - m^3(cubicmeter)$
<p>V8 HIDDEN LUGGAGE CAPACITY-REAR OF SECOND SEAT. The total volume of individual pieces of one set of standard luggage stowed in any hidden cargo area below the load floor rear of the second seat.</p>	<p>V4 HIDDEN LUGGAGE CAPACITY-REAR OF FRONT SEAT. The total volumes of individual pieces of one set of standard luggage stowed in any hidden cargo area below the load floor rear of the front seat.</p>
<p>V10 STATION WAGON CARGO VOLUME INDEX. Measured in inches:</p> $\frac{H201 \times L205 \times \frac{W4 - W201}{2}}{1728} - ft^3$ <p>Measured in mm:</p> $\frac{H201 \times L205 \times \frac{W4 - W201}{2}}{10^6} - m^3(cubicmeter)$	<p>V11 HATCHBACK CARGO VOLUME INDEX. Usable luggage (one (1) stand and luggage set) below floor: Measured in inches:</p> $\frac{L210 - L211}{2} \times W4 \times H198$ $\frac{\quad}{1728} - ft^3$ <p>Measured in mm:</p> $\frac{L210 - L211}{2} \times W4 \times H198$ $\frac{\quad}{10^6} - m^3(cubicmeter)$

#### 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 electronically adjusted seats, see the manufacturer's specifications for Design "H" Point).

# Specifications

## METRIC

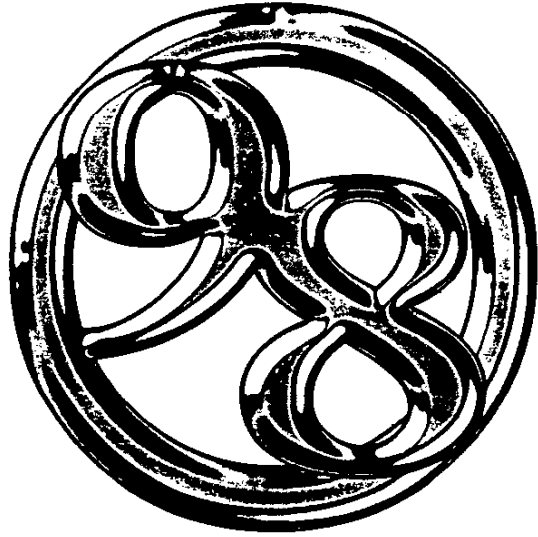
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1998 Chevy Venture

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CHEVROLET

For Release: September 1, 1997

Contact: Chevrolet Communications  
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Fax: (810) 492-8853

11731-6/97

## **NEW ONSTAR PACKAGE AND ADDED CONVENIENCES HIGHLIGHT THE 1998 CHEVY VENTURE**

**WARREN, Mich.** — It started with years of market research from four continents and 42 customer clinics to find what customers truly wanted in a minivan. As a result, Chevy created Venture, GM's globally designed minivan, and the newest member of the Chevy van family. In its first year, Venture challenged the established nameplates by offering many unique and innovative features designed to help families get what they want — more flexibility and greater freedom.

In its second year, Chevy Venture adds to those innovations with the optional OnStar system. OnStar combines the vehicle's cellular phone (provided in the OnStar Package) with Global Positioning System (GPS) satellite technology and a 24-hour OnStar Center. For example, the system automatically notifies the OnStar Center whenever the vehicle's air bags deploy so emergency services can be dispatched. If the vehicle is stolen, OnStar can track it and notify authorities of its location for quick recovery. OnStar advisors can access the center's database to find such things as a nearby ATM, hotel or restaurant. The OnStar Center — using GPS — can also give directional support. And, for the ultimate in "remote control," OnStar can unlock the power door locks if the keys are left inside — all with just a phone call.

Venture also provides the security of Remote Keyless Entry, which works with the Multi-Function Alarm, Locks and Lighting (M.A.L.L.) system to provide a wide range of door-lock and lighting options. A standard Passlock® theft-deterrent system provides additional security by disabling the vehicle's ignition system if starting is attempted with a counterfeit key.

1998 also brings several new convenience features to Venture. All 1998 Venture models (except Venture Cargo Minivan) offer optional rear-quarter power vent windows. A larger overhead console with a Driver Information Center is also available for LS

— MORE —



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Customers also have the option of an array of GM Accessories to customize their Venture. A rooftop luggage carrier, splash guards, ski rack and interior or exterior bike racks make adventuring easy. Interior features like a compact disc changer, seat backpack for extra storage, vent visors and electric hot/cold console add an extra measure of convenience.

In its first year, Venture caught the attention of the press, receiving several "bests" from the automotive industry, including "Best New Van" (Automotive Journalists Association of Canada); "Best Buy" recommendation (*Consumers Digest*); "Best in Class" and "Best New Minivan" (*Kiplinger's Personal Finance Magazine*); and the 1997 Driver's Choice Award.

Designed to provide exceptional ride and handling and a unique lineup of convenience and easy-to-use features, many not offered on any other minivan on the market, there's no doubt that the 1998 Chevy Venture has the potential to become the new benchmark in a competitive arena.

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## 1998 Chevy Venture



Chevy Venture Extended Wheelbase LS with PEG 1SH

### WHAT CHEVY VENTURE IS

In the crowded world of minivans, Chevrolet brought a new choice to market in 1997. And, since its introduction, Venture has received a multitude of positive press reviews and captured a variety of awards. And, the first quarter of the 1997 calendar year reflected that sentiment as well, with Venture sales setting Chevrolet minivan sales records.

That's because Venture combines many innovative and unique features that offer time-challenged families a safe, versatile and flexible transportation alternative. Venture is the direct result of in-depth research into the demands and needs of the minivan market. As a result, it offers contemporary exterior styling, standard seven-passenger seating, generous cargo room, trailering up to 3,500 lbs. when properly equipped and designed to provide excellent ride and handling.

Versatility is the key to the Venture credo of "family freedom," with options like exclusive "flip-and-fold" modular seating\* built on lightweight magnesium frames to allow for easy installation and removal. A passenger-side power sliding door gives Venture an advantage over Dodge Caravan, while available dual sliding doors offer convenience not available with the Ford Windstar.

Chevy Venture also offers many standard features that are only available as options on the competition, including air conditioning, power door locks, power mirrors, floor mats and Daytime Running Lamps (DRL) with Automatic Exterior Lamp Control. Venture also offers more standard horsepower than either Ford Windstar GL or any of the Dodge Caravan engines. In total, the array of Venture standard interior comfort and convenience features add up to the best value in the minivan market.

New features for the 1998 model year include OnStar Communications System, which provides an added measure of security, as well as passenger-side power sliding door availability on regular wheelbase models. Enhancements to LS models include adjustable lumbar support on the front-passenger seats, power vent rear windows, optional captain's chairs, and an overhead console.

Among Venture industry awards are *Consumer's Digest* "Best Buy" recommendation for vans, "Best in Class" and "Best New Minivan" from *Kiplinger's Personal Finance Magazine* and a "1997 Drivers' Choice" Award from the television series, "MotorWeek."

\*Excludes other GM vehicles.

### Chevy Venture Models:

- Regular wheelbase 3-Door\*
- Extended wheelbase 3-Door\*
- Regular wheelbase 4-Door\*
- Extended wheelbase 4-Door\*
- Extended wheelbase 3- or 4-Door Cargo Minivan.

\*Available in Base-level and LS trim levels.



### What's New For 1998:

- Optional illuminated visor vanity mirrors (page 5)
- Removal of lock cylinders from sliding side doors (page 8)
- Optional larger overhead console with Driver Information Center (page 5)
- Power sliding side door availability for regular wheelbase models (page 8)
- OnStar Advanced Communication System (page 5)
- Additional content available on base-level models include:
  - Dual sliding side doors
  - Cast-aluminum wheels
  - Premium radios and rear audio controls
- LS trim enhancements include:
  - Front-passenger adjustable lumbar support
  - Optional second row captain's seats
  - Optional overhead console with Driver Information Center
  - Standard power rear-quarter vent windows (page 5)
  - Front-passenger assist grip
- Cargo model (page 2).

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# 1998 Chevy Venture



## MODELS AND TRIM LEVELS: (contd)

- Daytime Running Lamps with Automatic Exterior Lamp Control
- Driver and front-passenger air bags
- Adjustable-height driver and front-passenger shoulder safety belts
- Front air conditioning
- Driver and front-passenger map pockets
- Driver and front-passenger vinyl high-back bucket seats
- Tilt-Wheel™ Adjustable Steering Column
- Variable-effort power steering
- Manual swing-out rear-quarter windows
- Intermittent windshield wipers
- Rear-window wiper with fixed/delay feature and washer.
- Front-seat cup holders and convenience net
- Pollen filter
- Solar-Ray tinted glass and windshield
- Windshield-integrated antenna
- Inside rearview mirror with day/night feature
- Power outside rearview mirrors
- Power door and liftgate locks
- AM/FM stereo with Seek feature and digital radio with dual front speakers
- 3400 V6 SFI Engine with 180 hp
- 4-speed electronically controlled automatic transmission with Overdrive
- Battery-rundown protection
- Stainless-steel exhaust system.

## THE CHEVROLET FAMILY OF VANS

Chevrolet offers six distinctly styled vans, the broadest combination of any manufacturer in the industry. These vans



provide customers an unmatched selection of Van options in size, power, economy and utility. Chevy Express Van, Chevy Van, Astro Passenger and Cargo Vans, Venture Passenger van and the new-for-'98 Venture Cargo Minivan can be equipped to meet the needs of virtually any van customer, whether for personal or commercial use.

**Chevy Express** — With seating for up to 15 people or up to 316.8 cubic feet of room with rear seating removed, Chevy Express is the ideal "people mover". It serves both commercial and personal applications that require "anything goes" versatility in a full-size van.

**Chevy Van** — Offering full-size van flexibility and rugged truck durability, Chevy Van provides exceptional comfort, impressive safety features, superior towing capabilities, and is ideal for conversion upfitting or serious cargo-carrying applications.

**Astro Van** — Chevy Astro Van (Passenger and Cargo models) is a versatile workhorse, offering a combination of people-moving (up to 8 passengers), cargo-carrying (up to 170.4 cu. ft.) and trailering capabilities (up to 5500 lbs., when properly equipped).

**Venture** — The Chevy Venture completes the Chevrolet family of vans, offering time-challenged customers optimum flexibility, comfort and convenience, while providing "space on demand," impressive ride and handling, and more standard power of than most minivans in its class. And, with the addition of the 1998 Venture Cargo Minivan model, offering impressive cargo room, no other manufacturer can meet the array of model options offered by Chevrolet.

## A Journey In Family Freedom ...

So, the day is already packed with taking the kids to little league, picking up material for that weekend project, then stopping off at the grocery store. With so many demands on people's time, it's nice that Chevy Venture, like a reliable friend, offers the freedom and flexibility to meet the demands of busy lifestyles.

Here are just a few reasons why Venture meets the needs of the time-challenged minivan customer:

- Seven-passenger seating
- Available, lightweight modular seating (38 lbs. each)
- Available power passenger-side sliding door
- Ability to carry a 4' x 8' sheet of plywood with liftgate closed (in extended wheel-base models)
- Battery-rundown protection
- Stainless-steel exhaust system
- The ability to travel up to 100,000-miles before the first scheduled tune-up\*
- Long-life automatic transmission fluid will not need to be replaced for at least 100,000 miles under normal operating conditions\*
- Extended-life coolant that doesn't need to be changed for up to 5 years or 150,000 miles\*
- Two-side-galvanized steel used for corrosion protection on all panels (except the roof), warranted against rust-through for 6 years/100,000 miles.\*

\*Maintenance needs vary with different uses and driving conditions. See owner's manual for more information.

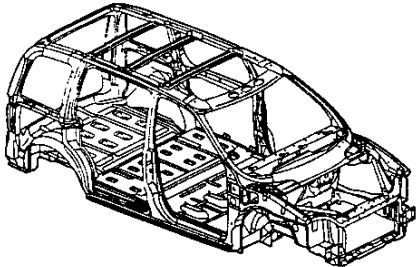
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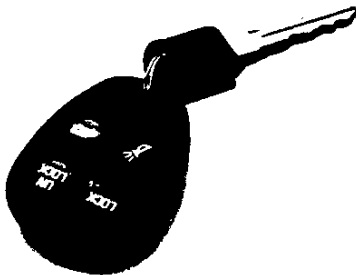
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## SAFETY (contd)



- **Front and rear crush zones** are designed to deform in a controlled manner in the event of a collision, helping absorb impact energy in order to help reduce intrusion into the passenger compartment.
- **Energy-absorbing steering column** and instrument panel are designed to absorb collision impact, reducing injury to the driver's body.
- **Standard Multi-Function Alarm, Locks and Lighting** works with the available Remote Keyless Entry to provide owners with several programmable door locking and unlocking features, as well as multiple lighting and alarm options.



- **Remote Keyless Entry**, available on all models, transmits a uniquely coded high-frequency radio signal, which activates the door and liftgate lock/unlock functions, power sliding side door and interior lights from up to 30 feet away from the vehicle.

## VENTURE INTERIOR FEATURES

Venture provides a roomy interior with seating for up to seven passengers, more interior cargo room and more standard convenience features than most minivans in

its class. It was designed for maximum use of interior space, while providing superior flexibility with seating, that is easy-to-remove-and-install.



- **Standard rear vent windows** open outward to provide extra ventilation for rear-seat passengers.



- A new, **optional overhead console**, available with LS trim packages, features a Driver Information Center, which

includes an English/Metric conversion switch, ambient air temperature display, compass, multiple fuel information readouts, and average speed readout. The DIC has two buttons for driver control of the display. One button steps the display through the various information modes.

The second button provides reset functions.



- **Illuminated left and right visor vanity mirrors**, come equipped on Venture LS models with optional overhead console.



- **OnStar**, an advanced communication system is now available on Venture as a dealer-installed option. OnStar

integrates advanced on-board vehicle electronics with Global Positioning System satellite technology and a cellular phone to link the driver and the vehicle to the OnStar Center. This allows the driver to access a variety of services, such as travel directions, roadside assistance and emergency services. Because the system incorporates GPS technology, the driver does not need to know the vehicle's location for the services to reach them. The system also enhances vehicle and occupant security by alerting the OnStar Center of air bag deployment, locating and tracking a stolen vehicle and allowing remote door unlocking via satellite.

### Other Interior Features:

- **Air conditioning**, standard on all Venture models, uses CFC-free refrigerant that does not contribute to ozone depletion

## Someone To Watch Over Me.

Feeling pretty confident before that big road trip? What could possibly go wrong with a brand new van with Roadside Assistance? How about locking the keys inside the van, or — heaven forbid — being in an accident and not knowing where the police station is? There is a solution ... OnStar.

Venture offers an available OnStar system, which not only provides a cellular phone, but someone to call. And, the friendly folks at the OnStar Center can help lost drivers, because *it knows exactly where they are*. The OnStar system also includes Global Positioning System technology to pinpoint the exact location of the vehicle. Couple that with the ability to detect when the van's air bags deploy, and the OnStar Center can not only alert emergency personnel, but also provide them with the vehicle's location — vitally important when seconds count.

- OnStar will also:
- **Unlock the vehicle's doors remotely** (in case keys get locked inside)
- **Track the vehicle** once it's reported stolen
- **Provide drivers with the location of the nearest ATM, florist, hotel, or ... whatever.**







## INTERIOR FEATURES (contd)

### Audio Systems

While it's impossible to forecast everyone's musical tastes, Venture offers several sound systems with the technology and features designed to complement all varieties of music, from jazz to country and in-between.

Uplevel cassette and compact disc player systems feature speed-compensated volume. This feature automatically adjusts the volume of the audio to the vehicle's speed, compensating for road noise. Also featured is automatic tone control, which sets equalizer levels with one-touch for talk and a variety of music programs.

#### Available Sound Systems On Venture:

- **Electronically tuned ETR AM/FM stereo**, standard on all Venture base-level models, is equipped with seek-scan, digital clock and extended-range front and rear\* speakers
- **Electronically tuned ETR AM/FM stereo with cassette player**, seek/scan, digital clock, and extended-range front and rear speakers is available on non-LS models
- **Electronically tuned ETR AM/FM stereo with cassette player, TheftLock security feature**, speed-compensated volume, automatic tone control, seek-scan and digital clock, and includes premium coaxial front and rear speakers is standard on LS models and optional on other models\*
- **Electronically tuned ETR AM/FM stereo with compact disc player, TheftLock security feature**, speed-compensated volume, automatic tone control and digital clock is optional on all models\*
- **Electronically tuned ETR AM/FM stereo** with seek-scan, digital clock, and dual front speakers is standard on Venture cargo Minivan
- **Electronically tuned ETR AM/FM stereo** with cassette player, seek-scan, digital clock and dual front speakers is optional on Venture Cargo Minivan



- Now available on all Venture models equipped with an uplevel sound system, **dual mode sound system** with rear audio controls and dual earphone jacks allows second-row passengers to listen to separate music sources than front-seat passengers.

\*Except Venture Cargo Minivan.

### Seats

Venture provides standard seven-passenger seating, along with up to 32 different seating configurations with optional modular seating to meet any customer's needs. All Venture seating is built on lightweight magnesium frames that permit quick and easy removal, installation and reconfiguration of interior space on demand.

In addition, Venture second- and third-row split-bench and modular seating has an exclusive **flip-and-fold design**. Once the seatbacks are folded down, a lever can be pulled that positions the seat up from the floor and forward to provide additional space without having to remove the seats.

Further, all Venture seating is "**pressure-map**" designed, which adds comfort and reduced back strain on long trips.



- Second-row captain's seats are a new-for-1998 option for Venture models equipped with the available LS trim packages.

### Square Pegs In Round Holes ...

They said it couldn't be done. Square pegs in round holes? Well, engineers kept at the drawing board until, finally it happened. Those juice boxes kids love so much can fit into the same cup holders that hug soda cans ... in a Venture. In fact, Venture cup holders can even hold giant-thirst cups from the corner convenience store.

And, with up to 17 available cup holders (more than any other minivan), Venture can hold more liquid than a camel, or at least as much as a thirsty little league team might require. Which is good news for parents, since they won't have empty soda cans and juice boxes rolling around the minivan.

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## EXTERIOR FEATURES (contd)

- faster than incandescent bulbs, providing earlier warning to other drivers and won't burn out
- An **extra-large windshield** was achieved through the elimination of triangular side windows to provide a greater viewing area
- In addition, a standard **Solar-Ray treatment**, on all windows, keeps the interior of Venture about 20 degrees cooler than vehicles equipped with regular tinted glass
- Front windshield A-pillars** are designed to send water from the windshield up onto the roof, allowing the driver better visibility in heavy rains
- Front "**full sweep**" wipers clear about 71 percent of the windshield for excellent visibility. Wipers retract below the hoodline to help reduce wind resistance and noise while increasing visibility
- Standard fixed-delay rear wiper and washer system provides a 177-degree sweep
- A **windshield-integrated antenna** reduces wind noise and static that can occur with standard mast antennas, in addition to eliminating theft and car wash damage.

## Doors

All Venture doors open wide to provide excellent access. Sliding side doors were designed to be easy to use, even for small children or physically challenged occupants, while door handles are designed to be ergonomically friendly, turning in the same direction that the door travels.



- A **driver-side sliding door**, now available on regular wheelbase models, also features a stop mechanism which keeps it from interfering with an open fuel filler door



- Lock cylinders** are removed from all sliding side doors for a smoother look.

## Other Venture Door Highlights Include:

- A **passenger-side power sliding door**, optional on all Venture models, can be opened from a button mounted on the B-pillar or overhead console or via a Remote Keyless Entry fob. This door also features a delay-stop mechanism which prevents the door from closing if an object obstructs its path
- Sliding doors feature three tracks**, which are all part of an integrated body-side assembly. Tracks are angled two degrees downward from back to front, utilizing gravity to make the doors easier to close
- Venture **liftgate** is designed to resist bending, and features upright struts, which, unlike angled struts used on some other minivans, are positioned out-of-the-way for more convenient loading access
- The **Venture liftgate design** uses reinforcements to help eliminate the flexing and "matchboxing" of the liftgate opening that can be caused from traversing the bumps and potholes in the road.

## Exterior Paint

Standard basecoat/clearcoat paint on Venture resists fading and provides a high-gloss shine for long-lasting exterior beauty. The clearcoat system is formulated to minimize the effects of acid rain and other environmental damage. Clearcoat finish is used with all colors — solids and metallics. The paint process builds up six layers of protection on every new Venture.

- A **total immersion phosphate electrode position (ELPO)** process applies the first layer of primer/paint. Electric voltage is applied to the bodies while submerged in the paint bath to ensure complete coverage, even in hard-to-reach areas.
- A **glossy water-based highlighting solution** is applied to all exterior surfaces to reveal any imperfections before the body is painted.

## Good Vibrations ...

We've all been there — that queasy, sick-to-your-stomach feeling after hitting the open road. Well, that feeling can be the result of annoying vibrations of a vehicle's structure.

The Chevy Venture continuous body structure design counters this problem by integrating subsystems to work in harmony with each other. For example, on some minivans, one component or system can shake just because another system is shaking. This is known as "sympathetic" vibration, and is one of the things that can contribute to motion sickness.

With Venture, the powertrain, suspension, steering, body panels and seating components are integrated to work together. For example, on some vehicles, when a door is slammed, the vibration travels through the structure, causing other systems like the steering column and connecting body panels to shake. On Venture, this "cause-effect" condition is significantly reduced through a more unified system designed to reduce vibration and unwanted motion, and provide a solid, harmonious ride.

Oh, and one other thing ... because of this system design, Venture didn't need to add extra "band-aids" or damping material to mask undesirable noise and vibration, something some other minivans do. Venture engineers fixed the problem at the source, which is the way it should be. Because, as they saw it, an ounce of prevention was most definitely worth a pound of cure.

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## ENGINE (contd)

### Additional Features And Credentials Of The 3400 V6 SFI Engine Include:

- 180 horsepower at 5200 rpm
- 205 lb.- ft. of torque at 4000 rpm
- Towing capacity of 3,500 lbs. when equipped with the optional Towing Provisions Package and proper towing equipment
- **Low-coolant and low-oil level indicators** alert the driver before serious engine damage occurs
- A highly-efficient **air-flow induction system**, that includes a large air cleaner with a mass air flow sensor, provides precise air-metering and control of air/fuel ratio
- **Forged alloy steel connecting rods** provide impressive durability
- An "assembled" steel camshaft is made up of individual lobes and journals that are permanently locked onto a hollow tube for reduced valvetrain inertia and outstanding durability
- **Platinum-tip spark plugs** are designed to go up to 100,000 miles before their first scheduled change
- **Extended-life coolant** is designed to go up to 5 years or 150,000 miles\* before needing replacing
- **OBD II (On-Board Diagnostics Second Generation)** provides an enhanced Powertrain Control Module (PCM) that monitors the emissions system and components to detect deterioration or malfunction
- **Low-friction roller rocker arms** and roller lifters improve drivetrain efficiency and promote impressive fuel economy
- **24X ignition system** sends 24 crankshaft reference signals to the PCM for each crankshaft revolution, providing more precise monitoring of engine position and improving spark delivery, allowing impressive exhaust emissions control at low rpm levels

- An engine acoustic cover muffles engine sound, contributing to a quiet ride.

*\*Maintenance needs vary with different uses and driving conditions. See owner's manual for more information.*

## ON-BOARD DIAGNOSTICS SECOND GENERATION (OBD II)

Venture models benefit from On-Board Diagnostics Second Generation, which monitors vehicle systems and alerts the driver to a possible problem. A powerful Powertrain Control Module is used to monitor the emissions system and its components to detect deterioration or malfunction.

- The powerful PCM stores and retrieves diagnostic messages to help technicians diagnose and fix problems quickly and accurately.
- The PCM alerts the driver by illuminating the "Service Engine Soon" light when it detects a deterioration in the performance of any of the monitored systems.
- Unlike first-generation systems that signaled only system failures, OBD II alerts the driver to have the vehicle serviced before experiencing a possible breakdown or incurring more expensive repairs.

## SEQUENTIAL FUEL INJECTION (SFI)

Sequential Fuel Injection, standard on all 1998 Venture models, is a far cry from yesterday's fuel-control systems, such as Electronic Fuel Injection or Multi-Port Fuel Injection. SFI optimizes fuel economy, power output and the ability to meet today's stringent emissions control requirements.

- SFI's secret is its high-precision fuel control which uses one injector and nozzle per cylinder for optimum cylinder-to-cylinder fuel distribution.
- Each injector is fired sequentially and timed to the intake cycle for accuracy and metering control. (With non-SFI engines, fuel is injected once per engine revolution through all injectors at the same time.

## Bike Racks and Ski Racks and Strobe Lights, Oh my!

Venture owners have places to go and things to do. That's why GM makes it easy for them to customize Venture to meet the demands of their busy lifestyles. GM offers an array of accessories to make being "on-the-go" easy and hassle-free.

These accessories include:

- A **rooftop luggage carrier**, which comes in two sizes and has a sleek, aerodynamic design to minimize air resistance and wind noise
- **Exterior roof-mounted ski rack** that holds four pairs of skis or two snow boards
- **Choice of interior or roof-mounted bike racks**
- **Seat backpacks** that add extra interior storage space
- **Vent visors** that attach to the front windows to keep the elements out while allowing the breeze in
- **Splash guards** that keep road splash effects to a minimum
- A **hot/cold console**, keeps beverages at an ideal temperature
- **Compact disc changer**, adds convenience
- An array of security features including:
  - Mobile phones
  - Emergency strobe light
  - Tool kit
  - Vehicle security system.





## SUSPENSION

Venture has undergone extensive testing to develop a suspension which is designed to deliver exceptional ride and handling by concentrating on balanced body control and noise isolation. In fact, much of the Chevy Venture suspension geometry is similar to that of European models, having been tested on everything from the Autobahn to narrow village streets. The result is a comfortable ride and responsive handling, whether driving on city streets, highway or country roads.

### Front Suspension Features:

- **L-shaped lower control arms**, provide both a soft, comfortable ride and precise steering control
- A standard **front stabilizer bar**, helps minimize body roll during cornering
- **Aluminum steering knuckles** are strong, yet lightweight, to reduce unsprung mass. This allows the spring and strut to more easily control the front suspension movements on bumpy roads for superb steering feel and ride comfort
- **Maintenance-free ball joints** are lubricated for life

### Rear-Suspension Features:

- Venture rear shock absorbers are mounted parallel to each other to provide decreased "shimmy" effect over bumps
- **Twist axle/coil spring rear suspension** is designed to provide a smooth ride
- **Counter-angled rear shock absorbers** are positioned to allow more room between the wheelbases for cargo and people. The upper shock mounts are integrated with the longitudinal steel rails of the vehicle's body structure for durability, and to absorb vibrations before they are passed along to passengers.

### Suspension Choices

- **Smooth Ride Suspension** is standard on all Venture models.
- **Touring Suspension** is optional for 4-Door models and 3-Door models with LS trim package. This suspension features "load-leveling," which keeps the rear height of the vehicle compensated for different load weight. The system is designed to level the vehicle in about 30 seconds by means of an air-filled rubber fitted around each rear shock absorber. Rear shock absorbers are increased from 25mm to 32mm for greater load capacity and durability. An auxiliary air pump, included with the system (not available on cargo models), can be used to inflate beach balls, air mattresses, etc.

## STEERING

Venture features a short turning radius — only 37.4 feet for regular wheelbase models and 39.7 feet for the extended wheelbase model. Reduced-effort power-assisted rack-and-pinion steering is standard on all Venture models for precise control under demanding driving conditions. This system features:

- **17.5:1 ratio** for quick steering response
- The **intermediate steering shaft** is a solid shaft, which results in a more direct-acting and accurate control from the steering wheel
- A **rigid steering column** is mounted in a stiff magnesium bracket, attached to a cross-vehicle beam, which minimizes steering wheel vibrations.

## Buyer Profile Demographics

- Average Age: 44
- Women: 42%
- Married: 89%
- With Children: 70%
- Average Household Income: \$50,000
- 45% of buyers hold college degrees.

## Fields of Dreams

Chevrolet recognizes the importance of supporting today's youth. Its commitment follows through with the Chevy Venture sponsorship of the U.S. Soccer Federation. The young athletes participating in this organization exemplify America's competitive spirit and commitment to excellence, two qualities that parallel the Chevrolet image. Chevy Venture provides a soccer page on its web site which includes soccer-themed traveling tips and general youth soccer information. Access this information through the Chevy Venture Web site at: [www.chevrolet.com/cgi-bin/truck.pl?venture+home](http://www.chevrolet.com/cgi-bin/truck.pl?venture+home)









## GENUINE CUSTOMER CARE

Chevrolet owners are covered by Genuine Customer Care, a comprehensive owner-protection plan that includes the following:



### Bumper to Bumper Warranty

The GM 3-year/36,000-mile (whichever comes first), no-deductible, limited warranty covers repairs for all Chevrolet cars, including labor and parts, to correct any defects in material or workmanship occurring during the warranty period. Warranty features include air conditioning repair, tires, towing, no-cost warranty transfer and 6-year/100,000-mile (whichever comes first) sheet-metal rust-through protection. There also is emissions control system coverage, which varies by geographic location. The only item not covered by the warranty is normal maintenance.



### Courtesy Transportation

Customers who purchase or lease a 1998 Chevy Venture are eligible for Courtesy Transportation (at no additional charge) when their vehicles are left at a participating dealership for repairs covered under the 3-year/36,000-mile Bumper to Bumper limited warranty. Courtesy Transportation, at participating dealers only, may include shuttle service, expense reimbursement, or, if the repairs require leaving your vehicle overnight, alternative transportation. See your dealer for details.



### 24-Hour Roadside Assistance

Lost? We'll help you find your way. Locked out? We'll get you back in your Venture. Out of gas? We'll get you gas. Roadside Assistance is provided via a toll-free number 24 hours a day, 365 days a year. Roadside Assistance is offered in two levels of service, Basic Care and Courtesy Care.

Roadside Basic Care covers you as long as you own your Chevy Venture and provides:

- Free towing for warranty repairs (to closest dealer)
- Over-the-phone basic technical advice
- Available dealer services at reasonable costs (i.e., wrecker services, locksmith/key service, glass repair, etc.).

Roadside Courtesy Care, covers your vehicle for three years/36,000 miles and provides the same benefits as Basic Care, plus:

- Free flat-tire service, jump start and fuel delivery.

*Important — a word about this document: We have tried to make this document as comprehensive and factual as possible. We reserve the right, however, to make changes at any time, without notice, in colors, materials, equipment, specifications, models and availability. Some information may have been updated since the time of printing in June 1997.*

*A note about air bags: Always wear safety belts, even with air bags.*

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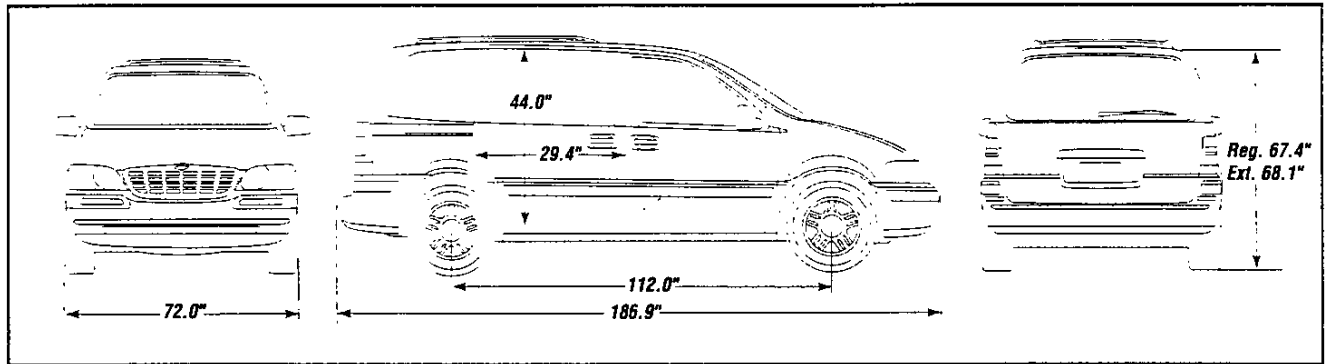
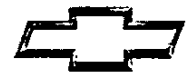
## Encore, Encore!

A few of the Venture awards, since its introduction last year, include:

- "Best New Van" — *Automobile Journalists Association of Canada*
- "Best Buy" Recommendation, Vans — *Consumer's Digest*
- "Best in Class" — *Kiplinger's Personal Finance Magazine*
- "Best New Minivan" — *Kiplinger's Personal Finance Magazine*
- 1997 "Drivers' Choice" Award, Minivans — *Motorweek*



# 1998 Chevy Venture Specifications



## MODEL AVAILABILITY

	Chevy Venture	Chevy Venture Cargo Van
Passengers (max.)	7	2
Class	Minivan	Minivan
Assembly Plant	Doraville, Georgia	Doraville, Georgia
Primary Structure	Integrated Ladder/Frame	Integrated Ladder/Frame
Body Material	Two-Side-Galvanized (except roof)	Two-Side-Galvanized (except roof)

## DIMENSIONS & CAPACITIES (inches, unless otherwise noted)

Exterior Dimensions	Venture (reg. wheelbase)	Venture (ext. wheelbase)	Venture Cargo Minivan
Wheelbase	112.0	120.0	120.0
Overall Length	186.9	200.9	200.9
Overall Height	67.4	68.1	68.1
Maximum Width	72.0	72.0	72.0
Ground to Rear Load Floor	24.0	25.0	25.0
Ground Clearance (front/rear)	8.3/10.4	8.5/11.0	8.5/11.0
Interior Dimensions			
Headroom (front/mid./rear)*	39.9/39.3/38.8	39.9/39.3/38.9	39.9
Legroom (front/mid./rear)*	39.9/36.9/34.0	39.9/39.0/36.7	39.9
Shoulder Room (front/mid./rear)*	59.8/61.9/60.1	59.8/61.9/59.6	59.8
Hip Room (front/mid./rear)*	55.5/60.4/48.3	55.5/60.4/ 48.3	55.5
Capacities			
Est. Curb Weight (std.) (lbs.)	3699	3838	3688
Maximum GVWR (lbs.)	5357	5357	5357
Base Payload (std.) (lbs.)	1658	1519	1669
Maximum Trailer Capacity (lbs.)	3500**	3500**	2000
Maximum Cargo Capacity (cu. ft.)	126.6	148.3††	NA
Fuel tank capacity (gallons)	20	25	25

\*Mid./rear not available with Venture Cargo Minivan. †64.3 on 4-Door model. \*\*When properly equipped with optional V92 Trailering Provisions Package. ††Three-Door model: 155.9 cu. ft. on 4-Door model.

## STEERING

	Chevy Venture and Chevy Venture Cargo Minivan
Type	Power Rack-and-Pinion
Steering Ratio	17.5:1
Turning Diameter, Curb-to-Curb (ft.)	37.4 (39.7 for extended-wheelbase and Cargo Van models)



# 1998 Chevy Venture Specifications



## MILEAGE/PERFORMANCE

Powerteam	3400 V6 SFI/4-Speed Automatic Transmission
City	18
Highway	25
Combined	21
Estimated Cruising Range*	
City	450
Highway	625
Combined	525

\*Based on 25-gallon fuel capacity. 1997 EPA mileage figures.

## TRAILERING INFORMATION

	Chevy Venture	Chevy Venture Cargo Minivan
Trailer Classification	Medium	Light
Gross Trailer Weight (lbs., max.)	3500*	3500*
Max Tongue Load (lbs., max.)	350*	350*

\*Requires optional Trailering Provisions Package which include heavy-duty cooling with engine oil and transmission oil coolers.

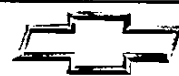
## WHEELS & TIRES

	Chevy Venture	Chevy Venture Cargo Van
Standard Type	Steel*	Steel
Size (in.)	15 x 6	15 x 6
Standard Type	All-Season Steel-Belted Radials	All-Season Steel-Belted Radials
Standard Size (Regular Wheelbase)	P205/70R-15	NA
Standard Size (Extended Wheelbase)	P215/70R-15	P215/70R-15

NA — Not available. \*Cast-aluminum wheels are optional.



# 1998 Chevy Venture Photo Order Page



98-01VEN Chevy Venture LS Extended Wheelbase



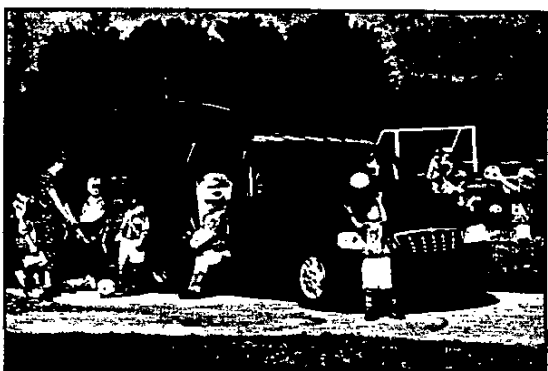
98-02VEN Chevy Venture LS Extended Wheelbase



98-03VEN Chevy Venture LS Extended Wheelbase with Power Sliding Side Door



98-04VEN Chevy Venture Regular Wheelbase



98-05VEN Chevy Venture LS Regular Wheelbase

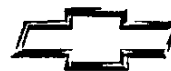


98-01CVF Chevrolet Family Of Vans





# 1998 Venture Photo Order Page



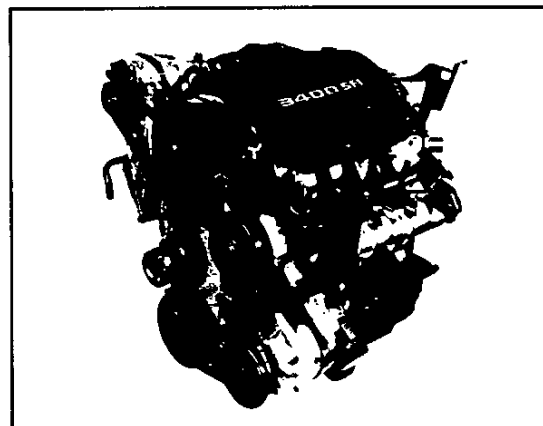
98-07VEN Venture Standard Interior



98-08VEN Venture LS Interior with Split-Bench Second- and Third-Row Seating.



98-09VEN Venture Interior with Available Modular Seating



98-07ENG 3400 V6 Engine (LA1)



1 1

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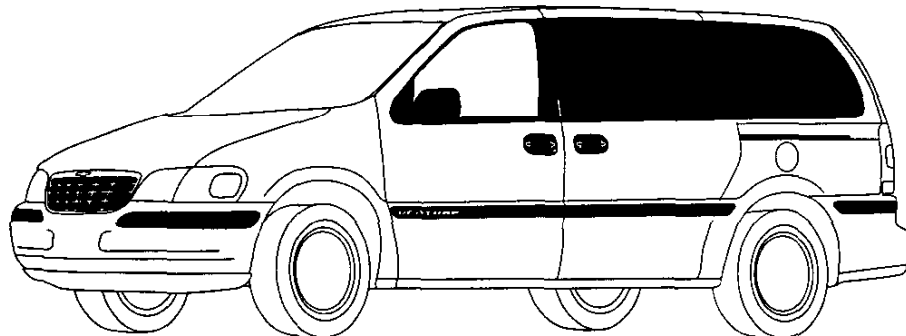
# CHEVROLET VENTURE INTRODUCTION

## CHEVROLET VENTURE

The 1998 Chevrolet Venture is available in Regular and Extended wheelbase models. There's also Regular and Extended wheelbase models available with dual sliding doors.

Some of the changes on the 1998 Venture include:

- New Standard Front Seat-Mounted Side Air Bags
- Availability of Dual Doors Expanded to Base Trim Models
- Power Sliding Door Option Added to Regular Wheelbase Models
- Rear Audio Control/Premium Radios Availability Expanded to Base Trim Models
- Aluminum Wheels Availability Expanded to Base Trim Models
- Optional Extended Console with Electronic Driver Information Center Packaged with Illuminated Visor Vanity Mirrors (LS trim only)
- Standard Power Rear Vent Windows on LS Trim Models (also included with power sliding door on non-LS models)
- Standard Front-Passenger Headliner Assist Grip on LS and Dual Sliding Door Models
- Standard Adjustable Lumbar Support Added to Front Passenger Seat w/LS Trim
- Optional Cloth Captain's Chairs w/LS Trim



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# CHEVROLET VENTURE

## MODEL SELECTION SUMMARY

Use the chart below to choose the model that fits your customer's needs. Please note that the Base Payloads shown reflect the maximum allowable weight of cargo that can be carried in a standard model, including occupants. (They are calculated by subtracting curb weight from GVWR.) Also, the Maximum Trailer Weights shown below are based on vehicles that are properly equipped. See your Chevrolet Truck Order Guide for specific details.

MODEL NUMBER/ BODY CODE/ OPTION CODE	PASSENGER CAPACITY (STD./OPT.)	STANDARD ENGINE/ TRANS.	OPTIONAL ENGINE/ TRANS.	GVWR (LB)	GAWR (LB) FRONT/ REAR	BASE PAYLOAD (LB)	MAXIMUM TRAILER WT./ TONGUE LOAD (LB) PROPERLY EQUIPPED
<b>CHEVROLET VENTURE</b>							
1UN06 REGULAR LENGTH 3-DR	7/—	3400 V6/A4	—	5357	2725/2679	1658	-
1UN16 REGULAR LENGTH 4-DR	7/—	3400 V6/A4	—	5357	2725/2679	1612	-
1UM06 EXTENDED LENGTH 3-DR	7/—	3400 V6/A4	—	5357	2756/2756	1519	-
1UM16 EXTENDED LENGTH 4-DR	7/—	3400 V6/A4	—	5357	2756/2756	1457	-

\*1998 trailering information not available at of publication. The Production and Final issues of the Tech Guide will have a new trailering chart.

## POWERTRAIN

Chevrolet offers one engine and one transmission for the 1998 Chevrolet Venture. The following charts detail basic engine and transmission specifications. See your 1998 Chevrolet Truck Order Guide for details.

<b>ENGINE</b>	
<b>ENGINE</b>	<b>3400 V6</b>
Order Code	LA1
SAE Net Horsepower @ rpm	180 @ 5200
SAE Net Torque lb-ft @ rpm	205 @ 4000
Fuel System	SFI
Standard Battery Cold Cranking Amps @ 0° F	600
Standard Alternator Maximum Capacity (Amps)	105

<b>TRANSMISSION</b>	
<b>TRANSMISSION</b>	<b>AUTOMATIC 4-SPEED W/OD (4T60E)</b>
Order Code	MX0
Gear Ratios	
First	2.92
Second	1.57
Third	1.00
Fourth	0.71
Reverse	2.39
Available Axle Ratios	
Standard	3.29
Optional	—



# CHEVROLET VENTURE

## TRIM LEVELS

The following chart details major standard features. See your 1998 Chevrolet Truck Order Guide for more details.

<b>CHASSIS EQUIPMENT</b>		REG. 3-DR	REG. 4-DR	EXT. 3-DR	EXT. 4-DR
<b>KEY: ■ = STANDARD, — = NOT INCLUDED</b>					
<b>BATTERY</b>	600CCA (includes rundown protection).	■	■	■	■
<b>BRAKES</b>	Power-assisted, front disc, rear drum. Includes brake/transmission shift interlock.	■	■	■	■
<b>COOLANT</b>	Extended life 5-year/150,000-mile (DEX-COOL). (includes loss of coolant limp home feature).	■	■	■	■
<b>EXHAUST</b>	Single, stainless steel.	■	■	■	■
<b>FUEL TANK</b>	20-gallon (approx.) capacity. 25-gallon (approx.) capacity.	■	■	—	—
<b>FRAME</b>	Ladder-body rail construction.	■	■	■	■
<b>SHOCK ABSORBERS</b>	Front: 32mm; Rear: 30mm.	■	■	■	■
<b>SPARK PLUGS</b>	Extended life.	■	■	■	■
<b>STABILIZER BAR</b>	Front: 34mm; Rear: 36mm.	■	■	■	■
<b>STEERING</b>	Integral power rack and pinion with variable assist (Ratio 17.5:1).	■	■	■	■
<b>SUSPENSION, FRONT</b>	Independent with Delco struts and coil springs.	■	■	■	■
<b>SUSPENSION, REAR</b>	Trailing twist axle design with coil springs.	■	■	■	■

<b>EXTERIOR EQUIPMENT</b>		REG. 3-DR	REG. 4-DR	EXT. 3-DR	EXT. 4-DR
<b>ANTENNA</b>	Integrated in front windshield.	■	■	■	■
<b>BUMPERS</b>	Body color, front and rear.	■	■	■	■
<b>DOORS</b>	Sliding RH side door with flip-out glass. Dual sliding side doors with flip-out glass.	■	—	■	—
<b>GLASS</b>	Tinted. (Windshield is solar coated.)	■	■	■	■
<b>GRILLE</b>	Chrome.	■	■	■	■
<b>HEADLAMPS</b>	Composite halogen.	■	■	■	■
<b>HORN</b>	Dual.	■	■	■	■
<b>LIFTGATE, REAR</b>	One piece (with fixed glass).	■	■	■	■
<b>LOCKS</b>	Power w/sliding door delay (with programmable ADL).	■	■	■	■
<b>MIRRORS</b>	Power remote LH/RH black, head size: 39 square inches.	■	■	■	■
<b>MOLDINGS</b>	Body-side moldings.	■	■	■	■
<b>SPARE TIRE/WHEEL</b>	Compact, with underbody spare tire carrier.	■	■	■	■
<b>TIRES</b>	Four all-season steel-belted radial blackwall (P205/70R15). Four all-season steel-belted radial blackwall (P215/70R15).	■	■	—	—
<b>WHEELS</b>	Four 15.0" x 6.0" steel wheels with full bolt-on covers, bright lug nuts.	■	■	■	■
<b>WINDSHIELD WIPER, REAR</b>	Rear window wiper/washer with delay feature.	■	■	■	■

<b>INTERIOR EQUIPMENT</b>		REG. 3-DR	REG. 4-DR	EXT. 3-DR	EXT. 4-DR
<b>AIR CONDITIONING</b>	Front.	■	■	■	■
<b>AUXILIARY POWER POINTS</b>	Located in left rear wheelhouse stowage compartment behind the wheelhouse cover and in I/P center console.	■	■	■	■
<b>ARMRESTS</b>	RH and LH front door, inboard side of front seats, 2nd-row and 3rd-row side-wall trim, and RH outboard side of 2nd-row bench seats.	■	■	■	■
<b>CIG. LIGHTER/ASHTRAY</b>	Located in center console.	■	■	■	■





# CHEVROLET VENTURE

INTERIOR EQUIPMENT (CONT.)		REG. 3-DR	REG. 4-DR	EXT. 3-DR	EXT. 4-DR
KEY: ■ = STANDARD, — = NOT INCLUDED					
COAT HOOKS	RH and LH.	■	■	■	■
CONSOLE	1/P center with open and closed storage areas.	■	■	■	■
CONVENIENCE/CARGO NETS	Front seat convenience and rear side panel cargo.	■	■	■	■
DOOR TRIM	Color-keyed with cloth upper and carpeted lower panels. Includes map pockets and Scotchgard™ Fabric Protector.	■	■	■	■
FILTER	Pollen filter. (box is located behind glove box).	■	■	■	■
FLOOR COVERING	Full-floor carpeting.	■	■	■	■
FLOOR MATS	Color-keyed front and rear carpeted mats.	■	■	■	■
GAGES	Speedometer, odometer, fuel level, engine temperature, trip odometer and additional indicator lights.	■	■	■	■
GLOVE BOX	Lockable.	■	■	■	■
HEADLINER	Light gray.	■	■	■	■
LAMPS	O/H consolette, dome, rear cargo, underhood, glove box, and ashtray.	■	■	■	■
MIRROR	10-inch rearview with day/night feature.	■	■	■	■
OVERHEAD CONSOLETTTE	Includes storage compartment and lamps.	■	■	■	■
RADIO	Electronically tuned AM/FM stereo radio w/digital clock. (antenna is windshield integrated).	■	■	■	■
SEATS	2 front buckets, 2nd row 2-passenger 40/60 split bench, and 3rd row 3-passenger 50/50 split bench (includes Scotchgard™ Fabric Protector). 2 front buckets, 2nd row 2-passenger solid bench, 3rd row 3-passenger solid bench (includes Scotchgard™ Fabric Protector).	—	■	■	■
STEERING WHEEL	Deluxe.	■	■	■	■
SUNSHADES	RH and LH visors with mirrors and map straps.	■	■	■	■
TURN SIGNAL	"ON" reminder chime.	■	■	■	■
WINDOWS	Manual driver/passenger front, manual swingout rear.	■	■	■	■
WINDSHIELD WIPERS	Front intermittent.	■	■	■	■

AIR BAG (SRS)*	Driver and front passenger.	■	■	■	■
SIDE AIR BAGS	Driver and front passenger.	■	■	■	■
BRAKES	4-wheel anti-lock brakes.	■	■	■	■
DOOR BEAMS	High-strength steel side-door guard beams in front and side sliding doors.	■	■	■	■
LAMPS	Daytime running lamps w/automatic headlamp control.	■	■	■	■
LOCKS	Includes child safety lock on sliding door(s) and programmable ADL.	■	■	■	■
SEAT BELTS	Adjustable shoulder height front row.	■	■	■	■
STEERING COLUMN	Energy absorbing steering column.	■	■	■	■
STOPLAMP	LED center high-mounted stoplamp (CHMSL).	■	■	■	■

\*Always wear your safety belts.

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# CHEVROLET VENTURE

## PREFERRED EQUIPMENT GROUPS

Preferred Equipment Groups (PEGs) are convenient option packages. See your 1998 Chevrolet Truck Order Guide and Vehicle Price Schedule for specific information and prices.

## OPTIONS

These options can be ordered individually in addition to the Preferred Equipment Groups if not already included. See your 1998 Chevrolet Truck Order Guide for specific availability and restrictions. The Option Code is listed in **bold type**.

Air Conditioning, Front and Rear .....	<b>C34</b>
Carrier, Luggage-Roof .....	<b>V54</b>
Defogger, Rear Window Electric .....	<b>C49</b>
Door, Power Sliding .....	<b>E58</b>
Emissions:	
Federal .....	<b>FE9</b>
California .....	<b>YF5</b>
Massachusetts/New York/ Connecticut .....	<b>NG1</b>
Cal./Mass./N.Y./CT Emissions /Override .....	<b>NB8</b>
Federal Emission Override .....	<b>NC7</b>
Glass, Deep-Tinted (includes "B" pillar blackout treatment); (excludes 32U, dark granite and 28U, dark sapphire) .....	<b>AJ1</b>
Heater, Engine Block .....	<b>K05</b>
License Plate Bracket, Front .....	<b>VK3</b>
Radio Equipment	
Electronically Tuned AM/FM Stereo Radio w/Seek Feature, Digital Clock, Stereo Cassette .....	<b>UM6</b>
Electronically Tuned AM/FM Stereo Radio w/Seek-Scan, Auto Tone Control, Digital Clock, Compact Disc Player, Theft Lock, Speed Compensated Volume and Front and Rear Coaxial Speakers .....	<b>UNO</b>

Electronically Tuned AM/FM Stereo Radio w/Seek-Scan, Auto Tone Control, Digital Clock, Cassette Player, TheftLock™ and Front and Rear Coaxial Speakers .....	<b>ULO</b>
Electronically Tuned AM/FM Stereo Radio w/Seek-Scan, Cassette Tape w/ Auto Reverse, Auto Tone Control, Digital Clock, Remote Compact Disc Player, Theft Lock, Speed Compensated Volume and Front and Rear Coaxial Speakers .....	<b>UN7</b>
Rear Seat Audio Controls w/Earphone Jacks .....	<b>UK6</b>
Safety & Security System (includes content theft deterrent system) .....	<b>R7D</b>
Seat, 6-way power (driver only) .....	<b>AG1</b>
Seats	
Cloth Bucket Seats .....	<b>AR9</b>
Seating Arrangements, Seven-Passenger Folding Split Back Rear Seating .....	<b>ABA</b>
Seven-Passenger Rear bucket Seats .....	<b>ABB</b>
Seven Passenger 2nd row Captain's Seats and 3rd row Split Bench Seating .....	<b>ABD</b>

One integral child seat .....	<b>AN2</b>
Dual integral child seats .....	<b>AN5</b>
Suspension, Touring (includes load leveling suspension, inflator with onboard air capabilities and touring radial tires) .....	<b>FE3</b>
Tires	
P215/70R-15 All-Season Radial (Regular wheelbase only) .....	<b>XPK</b>
P215/70R-15 Touring .....	<b>XPU</b>
P215/70R-15 Self sealing .....	<b>P42</b>
Trailer Accommodation Package (includes 5-lead wiring harness, load- leveling suspension, heavy-duty turn signal flasher and heavy-duty cooling system) .....	<b>V02</b>
Traction Control .....	<b>NW9</b>
Trim, LS Package (marketing purposes only) (includes custom cloth and custom front seats w/driver and front-passenger manual adjustable lumbar)	
Wheels	
15" Cast Aluminum Wheels .....	<b>PH3</b>



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# CHEVROLET VENTURE

## DIMENSIONS

MODEL	REGULAR LENGTH	EXTENDED LENGTH
MODEL NUMBER	1UN06 & 1UN16	1UM06 & 1UM16
<b>EXTERIOR DIMENSIONS</b>		
<b>BODY</b>		
Wheelbase (in.)	112.0	120.0
Overall Length (in.)	186.9	200.9
Overall Height (in.) Nominal	67.4	68.1
Maximum Width (in.)	72.0	72.0
Bumper to Axle (in.)		
Front	36.9	36.8
Rear	38.0	44.1
Ground to Top of Rear Load Floor (in.)	24.0	25.0
Ground Clearance (in.)		
Front	8.3	8.5
Rear	10.4	11.0
<b>Side Load Doors</b>		
Opening Height (in.)	44.0	44.0
Opening Width (in.)	29.4	32.0
<b>Rear Load Door</b>		
Opening Height (in.)	40.7	40.7
Opening Width Above Beltline (in.)	43.0	43.0
Opening Width at Beltline (in.)	51.4	50.5
Track Width (in.)		
Front/Rear	61.5/63.3	61.5/63.3
Turning Diameter Curb-to-Curb (ft)	37.4	39.7
<b>INTERIOR DIMENSIONS</b>		
Headroom (in.)		
Front/Middle/Rear	39.9/39.3/38.8	39.9/39.3/38.9
Legroom (in.)		
Front/Middle/Rear	39.9/36.9/34.0	39.9/39.0/36.7
Shoulder Room (in.)		
Front/Middle/Rear	59.8/61.9/60.1	59.8/61.9/59.6
Hip Room (in.)		
Front/Middle/Rear	55.5/60.4/48.3	55.5/60.4/48.3
Knee Clearance (in.)		
Front/Middle/Rear	—/2.1/1.6	—/4.5/3.7
Cargo Volume (cu ft)		
w/Front Seat	126.6	148.3
w/Front Seat & Left Side Sliding Door	133.0	155.9
w/Front/Middle Seats (max.)	42.8	54.7
w/Front/Middle/Rear Seats (max.)	16.3	24.2
Load Floor Length (in.)		
w/Front Seat	86.1	100.0
w/Front/Middle Seats (max.)	50.7	62.4
w/Front/Middle/Rear Seats (max.)	18.1	26.9
Interior Width		
between Wheelhousings (in.)	48.3	48.3
Front Seat Walk Through (in.)	8.3	8.3
Interior Height (in.)	45.8	45.1

\*3-door dimension shown; 4-door is 64.3



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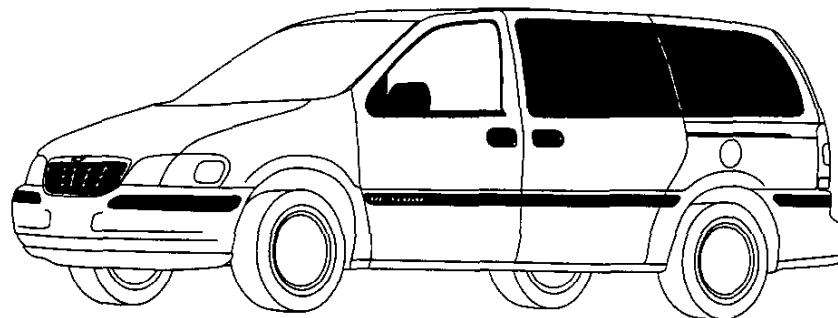
# CHEVROLET VENTURE CARGO VAN INTRODUCTION

## CHEVROLET VENTURE CARGO VAN

The 1998 Chevrolet Venture Cargo Front-Wheel-Drive Van is all new. The Chevrolet Venture Cargo Van is available in Extended Wheelbase models with single and dual sliding doors.

Features on the all-new 1998 Venture Cargo Van include:

- Standard Dual Front Air Bags
- Standard Front Seat-Mounted Side Air Bags
- Standard 4-Wheel Anti-Lock Brakes
- 100,000-Mile Platinum Tip Spark Plugs
- 5-year/150,000-mile Coolant Change Interval
- Dextron III Transmission Fluid (fill for life)
- Battery-Run down Protection
- Standard Power Locks (with programmable ADL)
- Standard Rubber Floor Covering
- Standard 180HP 3400 SFI V6 Engine (LA1) and 4-Speed Automatic Transmission (MX0) with Fuel Economy and Performance Superior to Van Engines of Similar Size
- Loss of Coolant Limp-Home Engine Protection Feature
- Standard Daytime Running Lamps with Automatic Headlight Control
- Standard 4-Way Manual Driver's Seat
- Standard Front Air Conditioning
- Fold-Forward Driver's Seatback
- Standard Body-Side Molding
- Optional Traction Control System
- Gray Vinyl Front Seats
- Optional Gray Cloth Front Seats
- Eight Exterior Colors





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# CHEVROLET VENTURE CARGO VAN

## MODEL SELECTION SUMMARY

Use the chart below to choose the model that fits your customer's needs. Please note that the Base Payloads shown reflect the maximum allowable weight of cargo that can be carried in a standard model, including occupants. (They are calculated by subtracting curb weight from GVWR.) Also, the Maximum Trailer Weights shown below are based on vehicles that are properly equipped. See your Chevrolet Truck Order Guide for specific details.

MODEL NUMBER/ BODY CODE/ OPTION CODE	PASSENGER CAPACITY (STD./OPT.)	STANDARD ENGINE/ TRANS.	OPTIONAL ENGINE/ TRANS.	GVWR (LB)	GAWR (LB) FRONT/ REAR	BASE PAYLOAD (LB)	MAXIMUM TRAILER WT./ TONGUE LOAD (LB) PROPERLY EQUIPPED
1UM06 EXTENDED LENGTH 3-DR W/Z10	2/—	3400 V6 A-1	—	5357	2756/2756	1669	*
1UM16 EXTENDED LENGTH 4-DR W/Z10	2/—	3400 V6 A-1	—	5357	2756/2756	1609	*

\*1998 trailering information not available at time of publication. The Production and Final Issues of the Tech Guide will have a new trailering chart.

## POWERTRAIN

Chevrolet offers one engine and one transmission for the 1998 Chevrolet Venture Cargo Van. The following charts detail basic engine and transmission specifications. See your 1998 Chevrolet Truck Order Guide for details.

ENGINE	3400 V6
Order Code	LA1
SAE Net Horsepower @ rpm	180 @ 5200
SAE Net Torque lb-ft @ rpm	205 @ 4000
Fuel System	SFI
Standard Battery Cold Cranking Amps @ 0° F	600
Standard Alternator Maximum Capacity (Amps)	105

TRANSMISSION	AUTOMATIC 4-SPEED W/OD (4T60E)
Order Code	MX0
Gear Ratios	
First	2.92
Second	1.57
Third	1.00
Fourth	0.71
Reverse	2.39
Available Axle Ratios	
Standard	3.29
Optional	—



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# CHEVROLET VENTURE CARGO VAN

## TRIM LEVELS

The following chart details major standard features. See your 1998 Chevrolet Truck Order Guide for more details.

KEY: ■ = STANDARD, — = NOT INCLUDED		EXT. 3-DR	EXT. 4-DR
<b>BATTERY</b>	600 CCA (includes run-down protection).	■	■
<b>BRAKES</b>	Power-assisted, front disc, rear drum; with four-wheel anti-lock system. Includes brake/transmission shift interlock.	■	■
<b>COOLANT</b>	Extended life 5-year/150,000 mile (DEXCOOL). (includes loss of coolant in-home feature).	■	■
<b>EXHAUST</b>	Single, stainless steel.	■	■
<b>FUEL TANK</b>	25-gallon (approx.) capacity.	■	■
<b>FRAME</b>	Ladder-Body Rail construction.	■	■
<b>SHOCK ABSORBERS</b>	Front: 32mm; Rear: 30mm	■	■
<b>SPARK PLUGS</b>	Extended Life.	■	■
<b>STABILIZER BAR</b>	Front: 34mm; Rear: 36mm.	■	■
<b>STEERING</b>	Integral power rack-and-pinion with variable assist (Ratio 17.5:1).	■	■
<b>SUSPENSION, FRONT</b>	Independent with Delco struts and coil springs.	■	■
<b>SUSPENSION, REAR</b>	Trailing twist axle design with coil springs.	■	■

<b>ANTENNA</b>	Integrated in front windshield.	■	■
<b>BUMPERS</b>	Body color, front and rear.	■	■
<b>DOORS</b>	Sliding RH side door w/flip-out glass. Dual Sliding Sidedoors w/flip-out glass.	■	—
<b>GLASS</b>	Tinted. (Windshield is solar coated.)	■	■
<b>GRILLE</b>	Chrome.	■	■
<b>HEADLAMPS</b>	Composite halogen.	■	■
<b>HORN</b>	Dual.	■	■
<b>LIFTGATE, REAR</b>	One piece with fixed glass.	■	■
<b>LOCKS</b>	Power w/sliding door delay with programmable ADL. (includes child safety lock on sliding door).	■	■
<b>MIRRORS</b>	Power Remote LH/RH black; head size: 39 square inches.	■	■
<b>MOLDINGS</b>	Body side.	■	■
<b>SPARE TIRE/WHEEL</b>	Compact, with underbody spare tire carrier.	■	■
<b>TIRES</b>	Four, all-season steel-belted radial blackwall (P215/70R15).	■	■
<b>WHEELS</b>	Four 15.0" x 6.0" steel wheels with full bolt-on covers, bright lug nuts.	■	■
<b>WINDSHIELD WIPER, REAR</b>	Rear window wiper/washer with delay feature.	■	■

<b>AIR CONDITIONING</b>	Front.	■	■
<b>AUXILIARY POWER POINTS</b>	Located in I/P center console.	■	■
<b>CIG. LIGHTER/ASHTRAY</b>	Located in I/P center console.	■	■

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# CHEVROLET VENTURE CARGO VAN

KEY: ■ = STANDARD, — = NOT INCLUDED		EXT. 3-DR	EXT. 4-DR
CONSOLE	I/P center with open and closed storage areas.	■	■
CONVENIENCE/CARGO NET	Front seat convenience.	■	■
DOOR TRIM	Color-keyed with vinyl upper and carpeted lower panels. Includes map pockets.	■	■
FILTER	Pollen filter (box is located behind glove box).	■	■
FLOOR COVERING	Full-floor rubber.	■	■
GAUGES	Speedometer, odometer, fuel level, engine temperature, trip odometer and additional indicator lights.	■	■
GLOVE BOX	Lockable.	■	■
HEADLINER	Light gray.	■	■
LAMPS	O/H console, dome, rear cargo, underhood, glove box, and ashtray.	■	■
MIRROR	10-inch rearview with day/night feature.	■	■
OVERHEAD CONSOLE	Includes storage compartment and lamps.	■	■
RADIO	Electronically tuned AM/FM stereo radio w/digital clock and two front speakers. (Antenna is windshield integrated).	■	■
SEATS	2 front vinyl buckets.	■	■
STEERING WHEEL	Deluxe.	■	■
SUNSHADES	RH and LH visors with mirrors and map straps.	■	■
TURN SIGNAL	"ON" reminder chime.	■	■
WINDOWS	Manual driver/passenger front, manual swingout rear.	■	■
WINDSHIELD WIPERS	Front intermittent.	■	■
BRAKES	4-wheel anti-lock brakes.	■	■
AIR BAG (SRS)	Driver and passenger.	■	■
LAMPS	Daytime running lamps w/automatic headlamp control.	■	■
DOOR BEAMS	High-strength steel side-door guard beams in front and side sliding doors.	■	■
SEAT BELTS	Adjustable height.	■	■
STEERING COLUMN	Energy absorbing steering column.	■	■
STOP LAMP	LED center high-mounted stop lamp (CHMSL).	■	■

## PREFERRED EQUIPMENT GROUPS

Preferred Equipment Groups (PEGs) are convenient option packages. See your 1998 Chevrolet Truck Order Guide and Vehicle Price Schedule for specific information and prices.

## OPTIONS

These options can be ordered individually in addition to the Preferred Equipment Groups if not already included. See your 1998 Chevrolet Truck Order Guide for specific availability and restrictions. The Option Code is listed in **bold type**.

Carrier, Luggage - Roof ..... **V54**  
 Defogger, Rear Window  
 Electric ..... **C49**  
 Emissions  
 Federal ..... **FE9**  
 California ..... **YF5**  
 Massachusetts/New York/  
 Connecticut ..... **NG1**  
 Cal./Mass./NY/CT  
 Emissions/Override ..... **NB8**  
 Federal Emissions Override ..... **NC7**  
 Glass  
 Deep-Tinted ..... **AJ1**  
 Opaque (black) Mid and Rear  
 Sides ..... **ACG**

Heater, Engine Block ..... **K05**  
 License Plate Bracket, Front ..... **VK3**  
 Radio Equipment  
 Electronically Tuned AM/FM  
 Stereo Radio w/Seek Feature,  
 Digital Clock, Stereo Cassette ..... **UM6**  
 Rear Heater, Auxiliary ..... **C36**  
 Seats  
 Cloth Bucket Seats (include inboard  
 armrests and cloth inserts on  
 front doors) ..... **AR9**  
 Suspension  
 Touring (includes load leveling  
 suspension and touring radial  
 tires) ..... **FE3**

Theft Deterrent System(content) ..... **UA6**  
 Tires  
 P215/70R-15 Touring ..... **XPU**  
 P215/70R-15 Self-sealing ..... **P42**  
 Trailering Accommodation Package  
 (includes 5-lead wiring harness, load  
 leveling suspension, heavy-duty turn  
 signal flasher and heavy-duty  
 cooling system) ..... **V92**  
 Traction Control ..... **NW9**



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# CHEVROLET VENTURE CARGO VAN

## DIMENSIONS

MODEL	EXTENDED LENGTH
MODEL NUMBER	1UM06 & 1UM16
<b>BODY</b>	
Wheelbase (in.)	120.0
Overall Length (in.)	200.9
Overall Height (in.) Nominal	68.1
Maximum Width (in.)	72.0
Bumper to Axle (in.)	
Front	36.8
Rear	44.1
Ground to Top of Rear Load Floor (in.)	25.0
Ground Clearance (in.)	
Front	8.5
Rear	11.0
<b>Side Load Doors</b>	
Opening Height (in.)	44.0
Opening Width (in.)	32.0
<b>Rear Load Door</b>	
Opening Height (in.)	40.7
Opening Width Above Beltline (in.)	43.0
Opening Width at Beltline (in.)	50.5
Track Width (in.)	
Front / Rear	61.5 / 63.3
Turning Diameter Curb-to-Curb (ft)	39.7
<b>Interior Dimensions</b>	
Headroom (in.)	
Front	39.9
Legroom (in.)	
Front	39.9
Shoulder Room (in.)	
Front	59.8
Hip Room (in.)	
Front	55.5
Cargo Volume (cu ft)	
w/Front Seat	148.3
w/Front Seat & Left-Side Sliding Door	155.9
Load Floor Length (in.)	
w/Front Seat	100.0
Interior Width	
Between Wheelhousings (in.)	48.3
Front Seat Walk-Through (in.)	8.3
Interior Height (in.)	45.1





## **1998 VENTURE HIGHLIGHTS**

### **NEW FOR 1998**

- **NEW COMBINED ORDER GUIDE FORMAT SIMPLIFIES ORDERING.**
- **DUAL DOOR MODELS NOW AVAILABLE IN BASE TRIM LEVELS.**
- **NEW CARGO VAN VERSION.**

### **EXTERIOR**

- **NEW EXPANDED SIDE AND REAR GLASS OFFERINGS FOR CARGO VERSION.**
- **AVAILABLE ELECTRIC SLIDING DOOR ON REGULAR WHEEL BASE 4 DOOR.**

### **INTERIOR**

- **EXPANDED RADIO AVAILABILITY TO BASE TRIM LEVELS.**
- **NEW 2ND ROW CAPTAIN SEATS AVAILABLE IN 7-PASSENGER SEATING.**
- **NEW REAR POWER VENT WINDOWS.**
- **NEW OVERHEAD ROOF CONSOLE/DRIVER ILLUMINATED INFORMATION CENTER.**
- **NEW DRIVER AND FRONT PASSENGER SIDE AIR BAGS.**

### **PREFERRED EQUIPMENT GROUPS (PEGS)**

- **EXPANDED OFFERINGS - LESS RESTRICTIVE.**
- **LESS OVERALL PEG GROUPS**
- **NEW PEG GROUPS FOR CARGO VAN**

### **COLORS**

- **MEDIUM BRIGHT BLUE (MET) CANCELLED FOR 1998 MODEL YEAR**

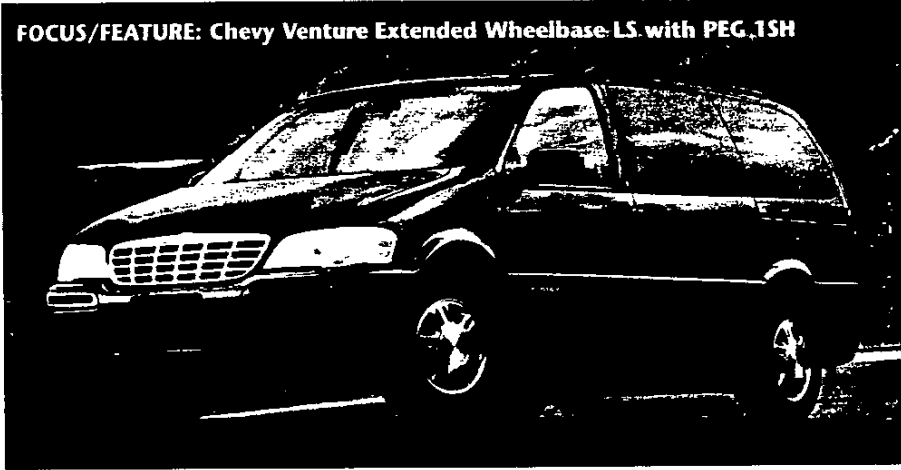
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# Chevy Venture

Dealer Order Guide inserts are your first look at Chevy Truck models for 1998. Overall improvements, changes and deletions are highlighted. Use these inserts to assist you in ordering your initial shipments. NOTE: This information is preliminary and is subject to change.



**FOCUS/FEATURE: Chevy Venture Extended Wheelbase LS with PEG 1SH**



**Chevy Venture at a glance**

*Chevy Venture is a reliable minivan with many innovative features that help provide the freedom and flexibility families are looking for today in this market — features like the widest\* dual passenger doors, more standard V6 horsepower than most competitors and the most available storage areas\* in its class.*

*New for 1998 are standard driver and front-passenger side-impact air bags.*



The Focus vehicle is the model chosen for its sale-ability. It is equipped with the product features that customers want most. Generally, it is the "volume" vehicle that comprises the majority of the build. You'll want to be sure you have several of these models in stock. NOTE: Model, PEG and optional equipment may vary in your locality. Use the Retail Sales Analysis (RSA) to verify or select your dealership's Focus vehicle content.



The Feature vehicle is the "image" model Chevy Truck will profile most in its advertising. Generally, it does the best job of capturing attention and creating consumer awareness.

**Chevy Venture Extended Wheelbase LS Minivan with PEG 1SH**  
*(image, above)*

The Chevy Venture Feature and Focus vehicle for 1998 is the Extended Wheelbase LS with dual sliding side doors and Preferred Equipment Group 1SH. Its standard 7-passenger seating and high-value content offer wide appeal to today's minivan shopper.

**Ordering Recommendations:**

Recommended Chevy Venture content is listed below to assist your dealership in ordering.

Chevy Venture with Preferred Equipment Group 1SH includes:

- Electronic Speed Control with Resume Speed
- Power Windows with Driver's Express-Down
- LS Trim Package
- AM/FM Stereo with Cassette Player and Automatic Tone Control
- Luggage Rack
- Deep-Tinted Glass
- Rear-Window Defogger
- Overhead Roof Console with Driver Information Center
- Power Rear Vent Windows
- Remote Keyless Entry
- Power Driver Seat (6-way)
- Touring Tires.

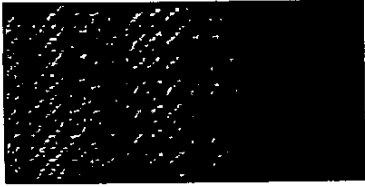
\*Excludes other GM divisions.



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### Trim Colors

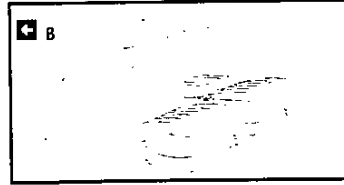
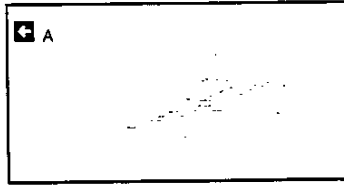


Base trim available in Medium Gray, Neutral and Dark Teal.



LS trim available in Medium Gray, Neutral and Dark Teal.

### Seat Styles

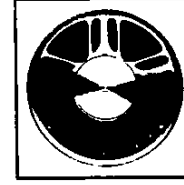


- A. High-back Base trim reclining bucket seats — standard Base model.
- B. High-back LS trim reclining bucket seats — optional.

### Wheels



Standard 15" bolt-on wheel cover.



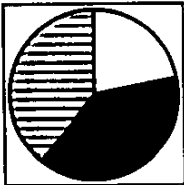
(RPO PH3) Optional 15" cast-aluminum wheel with lock.

### Most Popular Exterior Colors with Corresponding Interior Color Availability

#### INTERIOR MATERIAL COLORS

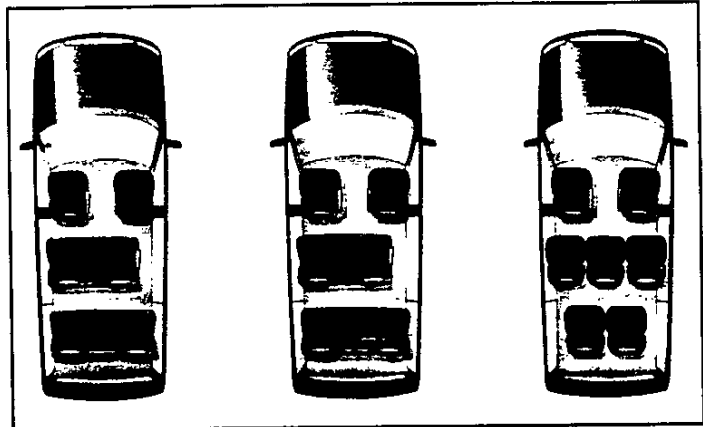
	Dark Teal	Medium Gray	Neutral
<b>EXTERIOR COLORS</b>			
Bright White	✓	✓	✓
Dark Teal Metallic	✓	✓	✓
Carmine Red		✓	✓
Dark Granite Metallic		✓	✓

### Most Popular Exterior Colors by Percentage



Clockwise, at left, are the anticipated four most popular Chevy Venture colors for 1998, based on national sales volume. They are listed for reference only. To identify the top-selling colors in your area, by model, use the Retail Sales Analysis (RSA).

Bright White	22%
Dark Teal Metallic	14%
Carmine Red	13%
Dark Granite Metallic	12%
Other colors	39%



Standard seating for 7, plus flip-and-fold versatility. Chevy Venture 3-Door Regular Wheelbase includes flip-and-fold second- and third-row full-bench seats.

Split-bench seats add flexibility. Standard 40/60 split-bench second-row and 50/50 split-bench third-row seats in Chevy Venture LS Extended Wheelbase and LS 4-Door Regular Wheelbase models are easily folded or removed. Second-row captain's seats (not shown) are available. Split-bench third-row seats are included.

Optional modular seating for 7 on all models with LS Trim, includes removable bucket seats that can be arranged in up to 32 different seating configurations.



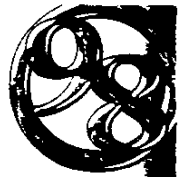
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CHEVY TRUCK OWNER'S GUIDE

# Chevy Venture



*P.D.S.E.I. helps explain 1998 models for this brand. Overall improvements, changes and deletions are highlighted. Please review the supplied information, keeping in mind that this material is provided to you before production start-up — and may change.*

**P.D.S.E.I.** (New-for-'98 features appear in color.)

## **P** PERFORMANCE

• **ELECTRONICALLY CONTROLLED TRANSMISSION CLUTCH** — makes possible lower transmission “lockup” speeds without any loss of driveability. • **AVAILABLE TRACTION CONTROL** — can help minimize loss of traction on slippery surfaces. • **TIGHT TURNING DIAMETER** — only 37.4 ft. (regular wheelbase) or 39.7 ft. (extended wheelbase) for easy maneuvering in city traffic. • **IMPRESSIVE 3,500-LB. TOWING CAPACITY** — with optional Trailering Package. • **3400 V6 WITH SEQUENTIAL FUEL INJECTION** — provides impressive power, quiet performance and smooth operation. This engine delivers more standard horsepower than most other minivans.

## **D** DURABILITY

• **FILLED-FOR-LIFE AUTOMATIC TRANSMISSION FLUID** — never needs changing.\* • **100,000-MILE SPARK PLUGS** — for extended service intervals.\* • **EXTENDED-LIFE COOLANT** — good for up to 5 years or 150,000 miles. • **NO NEED TO CHECK ENGINE TIMING** — ever. • **BUMPER TO BUMPER LIMITED WARRANTY** — protection for 3 years or 36,000 miles, with no deductible.

\*Maintenance needs vary with different uses and driving conditions. See owner's manual for details.

## **S** SAFETY

• **STANDARD SIDE-IMPACT AIR BAGS** — help reduce the chance of injury to driver and front passenger in certain moderate to severe side collisions. Always wear safety belts, even with air bags. • **STANDARD DRIVER AND FRONT-PASSENGER AIR BAGS** — help reduce the chance of injury in certain moderate to severe frontal impacts. Always wear safety belts, even with air bags. • **AUTOMATIC DAYTIME RUNNING LAMPS** — make vehicle more visible during daylight hours. • **4-WHEEL ANTI-LOCK BRAKE SYSTEM (ABS)** — helps maintain steering control and minimizes wheel lockup on most slippery surfaces.

## **E** EXTERIOR

• **OPTIONAL DUAL SLIDING SIDE DOORS AVAILABLE IN BOTH REGULAR AND EXTENDED WHEEL-BASE MODELS** — make entry and exit easy. • **AVAILABLE POWER PASSENGER-SIDE SLIDING DOOR FOR REGULAR WHEELBASE MODELS (ALREADY AVAILABLE ON EXTENDED WHEELBASE MODELS)** — makes entry and exit easy. Includes child security rear-door lock system, anti-jam feature, mechanical override and convenient driver-side operation. • **Solar-Ray SOLAR-CONTROL WINDSHIELD WITH INTEGRAL ANTENNA** — helps protect interior fabrics from fading, helps keep interior cool and comfortable. • **SECOND-ROW AND THIRD-ROW WINDOWS THAT VENT** — for increased passenger comfort.

## **I** INTERIOR

• **STANDARD 7-PASSENGER SEATING** — impressive comfort is achieved through “pressure mapping” technology. Features two front bucket seats with flip-forward driver seat and choice of second- and third-row solid or split-bench, five lightweight modular seats that can be removed easily, or second-row captain's chairs with a 3-passenger third-row seat. • **THEATRE SEATING** — floor rises toward the rear of the vehicle for better forward view of the road for center- and rear-row passengers. • **STORAGE VERSATILITY** — a total of up to 26 storage areas, complete with a maximum of up to 17 available cup holders (with modular seats). • **PLENTY OF USABLE CARGO SPACE** — 155.9 cu. ft. on Extended Wheelbase 4-Door models. Chevy Venture can accommodate 4' x 8' sheets of plywood with the tailgate closed. • **STANDARD POLLEN FILTER** — traps most pollen and dust from both the outside and recirculated air.





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## Competitive Models

- Dodge Grand Caravan
- Plymouth Grand Voyager
- Ford Windstar
- Mercury Villager
- Nissan Quest
- Toyota Previa
- Mazda MPV
- Honda Odyssey.

## New for 1998

- Chevy Venture for 1998 takes significant steps forward in increased customer satisfaction with the addition of an available passenger-side power sliding door for regular wheelbase models. This means that now, you can offer this appealing option on regular and extended wheelbase models alike.
- Chevy Venture also boasts the addition of standard driver and front-passenger side-impact air bags. Teamed with the already standard dual front air bags, this new addition gives Chevy Venture an impressive level of occupant protection. Be sure to point out to prospective buyers that Chevy Venture also surrounds passengers with an integrated, continuous structural design and ladder-frame construction. Steel side-door beams provide added strength and security. Four-wheel anti-lock brake system, automatic Daytime Running Lamps, all-weather tires, brake/transmission shift interlock and large exterior mirrors are also standard.

## Other Information on Significant Features

- Chevy Venture offers many major features not available on Dodge Grand Caravan or Plymouth Grand Voyager, including:
  - 3400 V6 Engine with 180 hp — More Standard Horsepower Than Any Dodge or Plymouth Engine, Standard or Optional
  - Low Fluid Warning Lights
  - Center Console Storage Bin (can be removed and locked in glove box)
  - 8.3 Liter Glove Box (three times larger than Dodge or Plymouth)
  - Convenience Net
  - 2"-Wider Sliding Side Doors
  - Available Power Passenger-Side Sliding Door
  - Variable-Effort Power Steering

## Forecasted Percent of Mix

MODELS	
Regular Wheelbase Chevy Venture	20%
Extended Wheelbase Chevy Venture	80%
<b>Total</b>	<b>100%</b>
TRIM LEVELS	
Base	40%
LS	60%
<b>Total</b>	<b>100%</b>
ENGINES	
3400 V6 SFI	100%
<b>Total</b>	<b>100%</b>
TRANSMISSIONS	
4-Speed Electronically Controlled Automatic with Overdrive	100%
<b>Total</b>	<b>100%</b>

## Other Information on Significant Features (contd.)

- Optional Modular Bucket Seats (can be arranged in 32 different patterns for flexibility not found on Dodge or Plymouth. Modular seats weigh only 38 lbs. each.)
- 40/60 Split-Bench Second-Row and 50/50 Split-Bench Third-Row Seats
- Temperature Control for Available Rear Heating, Ventilating and Air Conditioning
- Up to 26 Convenient Storage Locations vs. 18 on Chrysler Minivans
- Up to 17 Cup Holders.
- Chevy Venture offers a truly impressive, ergonomically designed interior. It's fully the most functional and flexible of any minivan, thanks to features like available second-row captain's chairs, two levels of bench seats — full-bench and split-bench — modular seating and up to 155.9 cu. ft. of cargo area in the extended wheelbase model. Further, it can accommodate 4' x 8' sheets of plywood with the rear gate closed (extended wheelbase only).
- Theatre seating enhances forward visibility for second- and third-row passengers. The floor rises toward the rear of the vehicle, making second-row viewing for passengers as good as the competitor's third row.
- Chevy Venture is part of the most complete family of vans in the industry. The Chevy lineup consists of full-size Chevy Van and Chevy Express, midsize Astro Passenger Van, Astro Cargo Van, Chevy Venture and Chevy Venture Cargo.



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## VENTURE (Passenger Van)

### STANDARD EQUIPMENT SUMMARY

#### STANDARD CHASSIS

		1UN06	1UN16	1UM06	1UM16
BATTERY:	RUNDOWN PROTECTION	S	S	S	S
BRAKES:	4-WHEEL ANTI-LOCK POWER FR DISC/REAR DRUM	S	S	S	S
COOLANT:	EXTENDED LIFE	S	S	S	S
ENGINE:	3400 V6 SFI	S	S	S	S
EXHAUST:	ALUMINIZED	S	S	S	S
FLUID LEVELS:	LOSS OF COOLANT ENGINE PROTECTION (LIMP HOME FEATURE)	S	S	S	S
FUEL CAPACITY:	20 GALLON	S	S	-	-
	25 GALLON	-	-	S	S
GENERATOR:	105 AMP	S	S	S	S
GVW:	5357 LB RATING	S	S	S	S
SHIFT INTERLOCK:	TRANSMISSION/BRAKE	S	S	S	S
SPARE:	COMPACT W/UNDERBODY CARRIER W/HOIST	S	S	S	S
SPARK PLUGS:	EXTENDED LIFE	S	S	S	S
SUSPENSION:	SMOOTH RIDE	S	S	S	S
TIRES:	P205/70R-15 ALS BW	S	S	-	-
	P215/70R-15 ALS BW	-	-	S	S
TRANSMISSION:	4-SPEED AUTOMATIC ELECTRONIC	S	S	S	S

#### STANDARD INTERIOR FEATURES

AIR BAGS:	DRIVER AND FRONT PASSENGER, FRONT	S	S	S	S
	DRIVER AND FRONT PASSENGER, SIDE	S	S	S	S
AIR CONDITIONING:	FRONT	S	S	S	S
ANCHORS:	CARGO	S	S	S	S
ANTENNA:	WINDSHIELD INTEGRATED	S	S	S	S
ARMREST:	2ND AND 3RD ROW	S	S	S	S
ASHTRAY:	W/CIGAR LIGHTER	S	S	S	S
ASSIST GRIP(S):	PILLAR MOUNTED (2 ON 4-DOOR MODELS)	S	S	S	S
CONSOLE:	VERTICAL INSTRUMENT PANEL	S	S	S	S
CONSOLETTA:	OVERHEAD	S	S	S	S
CONVENIENCE NET:	FRONT SEAT	S	S	S	S
CUPHOLDERS:	1ST, 2ND, 3RD ROW	S	S	S	S
FILTER:	POLLEN/DUST	S	S	S	S
FLOOR MATS:	CARPETED FRONT AND REAR	S	S	S	S
GLASS:	TINTED, SOLAR FRONT; TINTED, SIDE & LIFTGATE	S	S	S	S
GLOVE BOX:	LOCKING	S	S	S	S
KEY SYSTEM:	SINGLE	S	S	S	S
LIGHTING:	INTERIOR- GLOVE BOX, ASH TRAY, CONSOLETTA, DOME, REAR CARGO AND UNDERHOOD	S	S	S	S
	INTERIOR ROOF RAIL READING 3RD ROW	-	S	-	S
SCOTCHGARD:	FABRIC PROTECTOR	S	S	S	S



## VENTURE (Passenger Van)

### STANDARD EQUIPMENT SUMMARY

#### STANDARD INTERIOR FEATURES CONT'D

		1UN06	1UN16	1UM06	1UM16
MAP POCKETS:	DRIVER/PASS FRONT DOOR, SEAT BACK	S	S	S	S
MIRROR:	INSIDE REARVIEW W/DAY/NIGHT FEATURE	S	S	S	S
MIRRORS:	OSRV LH/RH POWER REMOTE BLACK	S	S	S	S
POWER POINT:	FRONT AND REAR AUXILIARY	S	S	S	S
RADIO:	AM/FM STEREO W/SEEK FEATURE AND DIGITAL CLOCK	S	S	S	S
REFLECTORS:	FRONT DOOR AND SLIDING DOOR SAFETY	S	S	S	S
SENSORS:	LOW OIL, LOW COOLANT	S	S	S	S
SEAT ADJUSTER:	DRIVER 4-WAY MANUAL - PASS 2-WAY MANUAL	S	S	S	S
SEAT CONFIG:	(2) FRONT BUCKET				
	(2) PASSENGER 40/60 BENCH 2ND ROW				
	(3) PASSENGER 50/50 BENCH 3RD ROW	-	S	S	S
	(2) FRONT BUCKET				
	(2) PASSENGER SOLID BENCH 2ND ROW				
	(3) PASSENGER SOLID BENCH 3RD ROW	S	-	-	-
SEATING:	7 PASSENGER	S	S	S	S
SHOULDER BELTS:	ADJUSTABLE HEIGHT FRONT ROW	S	S	S	S
STEERING:	POWER, REDUCED EFFORT	S	S	S	S
STEERING COLUMN:	TILT	S	S	S	S
STEERING WHEEL:	DELUXE	S	S	S	S
SUNVISOR:	RH/LH W/VANITY MIRROR AND MAP HOLDER	S	S	S	S
TRAY:	SEAT BACK	S	S	S	S
TURN SIGNAL:	WITH 'ON' REMINDER CHIME	S	S	S	S
WINDOWS:	MANUAL DRIVER/PASSENGER FRONT, MANUAL SWINGOUT REAR QUARTER	S	S	S	S
WIPERS:	INTERMITTENT WINDSHIELD, REAR WINDOW W/FIXED/DELAY/WASHER	S	S	S	S

#### STANDARD EXTERIOR FEATURES

BUMPER/FASCIA:	FRONT AND REAR BODY COLOR	S	S	S	S
DOOR:	SLIDING, RIGHT SIDE	S	-	S	-
DOORS:	DUAL SLIDING SIDE	-	S	-	S
DOOR HANDLES:	BLACK	S	S	S	S
GAS CAP HOLDER:	FUEL FILLER DOOR	S	S	S	S
GRILLE:	CHROME	S	S	S	S
HEADLAMPS:	COMPOSITE HALOGEN W/AUTO HEADLIGHT CONTROL	S	S	S	S
HORN:	DUAL	S	S	S	S
LIGHTS:	DAYTIME RUNNING	S	S	S	S
LOCK:	CHILD SAFETY SLIDING DOORS	S	S	S	S
LOCKS:	POWER W/SLIDING DOOR DELAY (PROGRAMMABLE)	S	S	S	S
MOLDINGS:	BLACK, BODYSIDE	S	S	S	S
PAINT:	BASE COAT/CLEAR COAT	S	S	S	S
STEP PAD:	REAR FASCIA, BLACK	S	S	S	S
TAILGATE:	ONE-PIECE	S	S	S	S
WHEEL COVERS:	15" COMPOSITE BOLT-ON	S	S	S	S
WHEELS:	15 X 6 STEEL	S	S	S	S



## VENTURE (Passenger Van)

### Model 1UN06/1UN16 (Regular Wheel Base)

**MODEL AND BODY**

DESCRIPTION	MODEL	WHEELBASE	DESCRIPTION	MODEL	WHEELBASE
3-DOOR REGULAR WHEELBASE			4-DOOR REGULAR WHEELBASE		
VENTURE.....	1UN06	112"	VENTURE.....	1UN16	112"

**PREFERRED VEHICLE**

NO DELETIONS ALLOWED. ADDITIONAL OPTIONS/SUBSTITUTIONS (WHERE INDICATED)  
MAY BE ORDERED FROM THE ADDITIONAL OPTIONS LISTINGS

	1SA	1SB	1SC
<b>Base Equipment Group</b>	x	x	x
<b>Preferred Equipment Group 1</b>			
Power Windows w/Driver Express Down		x	x
Remote Keyless Entry		x	x
Speed Control w/Resume Speed		x	x
<b>Preferred Equipment Group 2</b>			
LS Trim Package (Incls Front Bucket Custom Seats w/Driver and Front Passenger Adjustable Lumbar Support, Adjustable Head Rests, Custom Trim on Seats and Interior Trim Panels, Roof Rail Lighting (1UN06 Model) and Liftgate Cargo Net)			x
Power Rear Vent Windows			x
AM/FM Stereo Radio w/Cassette w/ATC and Premium Front and Rear Coaxial Speakers			x
7-Passenger Split/Split Seating (1UN06 Only)			x

**ADDITIONAL OPTIONS**

**OPTION**

**ACKNOWLEDGEMENTS:**

R8S Multiple Order Numbers

R8T Preliminary Invoice

VK3 **BRACKET:** License Plate, Front

DK6 **CONSOLE:** Overhead Roof and Electronic Driver Information Center (N/A w/1SA/1SB)

(Incls Illuminated Driver and Passenger Visor Mirror)

**DEFOGGER: Rear (MUST SPECIFY)**

C49 Rear Window Electric

R9W Rear Window Not Desired

E58 **DOOR:** Power Sliding (Passenger Side) (N/A 1SA) (w/1SB Incls Power Rear Vent Windows)

**EMISSION: (MUST SPECIFY) (Refer Emission Requirements Tab Section)**

FE9 Federal Emission Requirements

NG1 New York, Massachusetts or Connecticut Emission Requirements

YF5 California Emission Requirements

NB8 CA, NY, MA or CT Emission Override (Reqs FE9 Emissions)

NC7 Federal Emission Override (Reqs YF5 or NG1 Emissions)





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## VENTURE (Passenger Van)

### ADDITIONAL OPTIONS

#### OPTION

- AJ1 GLASS: Deep Tinted (Reqs C49 Rear Defogger) (w/o Dk Sapphire 28U or Dk Granite 32U Paint, Includes B-Pillar Black Out Treatment)
- K05 HEATER: Engine Block
- V54 LUGGAGE CARRIER: (N/A 1SA)
- RADIO EQUIPMENT:**
- UL0 Electronically Tuned AM/FM Stereo Radio w/Seek-Scan, Digital Clock, Automatic Tone Control, Cassette and Theft Lock (Incl w/1SC) (Incls Premium Front and Rear Coaxial Speakers)
- UM6 Electronically Tuned AM/FM Stereo Radio w/Seek-Scan, Digital Clock and Cassette Tape (N/A 1SC)
- UN0 Electronically Tuned AM/FM Stereo Radio w/Seek-Scan, Digital Clock, Automatic Tone Control, Compact Disc Player, Theft Lock and Speed Compensated Volume (Incls Premium Front and Rear Coaxial Speakers)
- UN7 Electronically Tuned AM/FM Stereo Radio w/Seek-Scan, Cassette Tape w/Auto Reverse, Auto Tone Control, Digital Clock, Theft Lock, Speed Compensated Volume, Remote Compact Disc Player (Incls Premium Front and Rear Coaxial Speakers)
- UK6 Rear Seat Audio Controls w/Earphone Jacks (Reqs UL0, UN0 or UN7 Radio)
- R7D **SAFETY AND SECURITY PACKAGE:** (Incls Self Sealing Touring Radial Tires and Content Theft Deterrent System ) (Reqs 1SC)
- SEATS: ADDITIONAL**
- AG1 6-Way Power Driver Side (Reqs 1SC)
- SEATING ARRANGEMENTS:**
- ABA 7-Passenger Folding Split Back Rear Seating (Std on 1UN16 Model) (N/A 1SA) (Incl w/1SC)
- ABB 7-Passenger Rear Bucket Seats (Reqs 1SC)
- ABD 7-Passenger 2nd Row Captain's Seats and 3rd Row Split Bench Seating (Reqs 1SC)
- AN2 One Integral Child Seat (w/Folding Split Back Seating Reqs ABA Seating) (w/Bucket Seats Reqs ABB Seating) (N/A w/37B Interior Trim) (N/A ABD Seating)
- AN5 Dual Integral Child Seats (w/Folding Split Back Seating Reqs ABA Seating) (w/Bucket Seats Reqs ABB Seating) (N/A w/37B Interior Trim) (N/A ABD Seating)
- FE3 **SUSPENSION:** Touring (Reqs 1SC) (Incls Load Leveling Suspension w/Auxiliary Air Inflator and XPU Tires)
- TIRES:**
- XPU P215/70R-15 Touring Radial (N/A 1SA)
- P42 P215/70R-15 Self Sealing Touring Radial (Incls XPU Tires) (N/A 1SA)
- NW9 **TRACTION CONTROL:** (Reqs 1SC)
- V92 **TRAILERING PROVISIONS:** (Reqs 1SC and FE3 Suspension) (Incls H.D. Cooling w/Engine and Transmission Oil Cooling)
- PH3 **WHEELS:** 15" Cast Aluminum



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## VENTURE (Passenger Van)

### Model 1UM06/1UM16 (Extended Wheel Base)

#### MODEL AND BODY

DESCRIPTION	MODEL	WHEELBASE	DESCRIPTION	MODEL	WHEELBASE
3-DOOR EXTENDED WHEELBASE			4-DOOR EXTENDED WHEELBASE		
VENTURE.....	1UM06	120"	VENTURE.....	1UM16	120"

#### PREFERRED VEHICLE

NO DELETIONS ALLOWED. ADDITIONAL OPTIONS/SUBSTITUTIONS (WHERE INDICATED)  
MAY BE ORDERED FROM THE ADDITIONAL OPTIONS LISTINGS

	1SE	1SF	1SG	1SH
<b>Base Equipment Group</b>	x	x	x	x
<b>Preferred Equipment Group 1</b>				
Speed Control w/Resume Speed		x	x	x
Power Windows w/Driver Express Down		x	x	x
Remote Keyless Entry		x	x	x
<b>Preferred Equipment Group 2</b>				
LS Trim Package (Incls Front Custom Bucket Seats w/Driver and Front Passenger Adjustable Lumbar Support, Adjustable Head Rests, Custom, Trim on Seats and Interior Trim Panels, Roof Rail Lighting (1UM06 Model) and Liftgate Cargo Net)			x	x
Power Rear Vent Windows			x	x
AM/FM Stereo Radio w/Cassette w/ATC w/Premium Front and Rear Coaxial Speakers			x	x
<b>Preferred Equipment Group 3</b>				
Power Seat 6-Way (Driver Side)				x
Deep Tinted Glass				x
Rear Window Defogger				x
P215/70R-15 Touring Tires				x
Luggage Rack				x
Overhead Roof Console/Driver Info Center and Illuminated Driver and Passenger Electronic Side Mirror				x

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# VENTURE (Passenger Van)

## ADDITIONAL OPTIONS

### OPTION

- ACKNOWLEDGEMENTS:**
- R8S Multiple Order Numbers
  - R8T Preliminary Invoice
- AIR CONDITIONING:** Front and Rear (Reqs AJ1 Glass and C49 Rear Defogger)
- VK3 BRACKET:** License Plate, Front
- DK6 CONSOLE:** Overhead Roof and Electronic Driver's Information Center (N/A w/1SE/1SF)  
(Incls Illuminated Driver and Passenger Visor Mirror) (Incl w/1SH)
- DEFOGGER: Rear (MUST SPECIFY)**
- C49 Rear Window Electric (Incl w/1SH)
  - R9W Rear Window Not Desired
- E58 DOOR:** Power Sliding (Passenger Side) (N/A 1SE) (w/1SF Incls Power Rear Vent Windows)
- EMISSION: (MUST SPECIFY) (Refer Emission Requirements Tab Section)**
- FE9 Federal Emission Requirements
  - NG1 New York, Massachusetts or Connecticut Emission Requirements
  - YF5 California Emission Requirements
  - NB8 CA, NY, MA or CT Emission Override (Reqs FE9 Emissions)
  - NC7 Federal Emission Override (Reqs YF5 or NG1 Emissions)
  - AJ1 **GLASS:** Deep Tinted (Reqs C49 Rear Defogger) (w/o Dk Sapphire 28U or Dk Granite 32U  
Paint, Includes B-Pillar Black Out Treatment) (Incl w/1SH)
- K05 HEATER:** Engine Block
- V54 LUGGAGE CARRIER:** (Incl w/1SH)
- RADIO EQUIPMENT:**
- UL0 Electronically Tuned AM/FM Stereo w/Seek-Scan, Digital, Clock, Automatic Tone Control,  
Cassette and Theft Lock (Incl w/1SG/1SH) (Incls Premium Front and Rear Coaxial Speakers)
  - UM6 Electronically Tuned AM/FM Stereo Radio w/Seek-Scan, Digital Clock and Cassette Tape  
(N/A 1SG/1SH)
  - UN0 Electronically Tuned AM/FM Stereo Radio w/Seek-Scan, Digital Clock, Automatic Tone  
Control, Compact Disc Player, Theft Lock and Speed Compensated Volume  
(Incls Premium Front and Rear Coaxial Speakers)
  - UN7 Electronically Tuned AM/FM Stereo Radio w/Seek-Scan, Cassette Tape w/Auto Reverse,  
Auto Tone Control, Digital Clock, Theft Lock, Speed Compensated Volume, Remote  
Compact Disc (Incls Premium Front and Rear Coaxial Speakers)
  - UK6 Rear Seat Audio Controls w/Earphone Jacks (Reqs UL0, UN0 or UN7 Radio)
- R7D SAFETY AND SECURITY PACKAGE:** (Incls Self Sealing Touring Tires and Content Theft Deterrent  
System) (Reqs 1SG/1SH)
- SEATS: ADDITIONAL**
- AG1 6-Way Power Driver Side (N/A 1SE/1SF) (Incl w/1SH)
- SEATING ARRANGEMENTS:**
- ABB 7-Passenger Rear Bucket Seats (Reqs 1SG/1SH)
  - ABD 7-Passenger 2nd Row Captain's Seats and 3rd Row Split Bench Seating (Reqs 1SG/1SH)
  - AN2 One Integral Child Seat (w/Rear Bucket Seat Reqs ABB Seating)  
(N/A w/37B Interior Trim) (N/A ABD Seating)
  - AN5 Dual Integral Child Seats (w/Bucket Seats Reqs ABB Seating)  
(N/A w/37B Interior Trim) (N/A ABD Seating)
- FE3 SUSPENSION:** Touring (Reqs 1SG/1SH) (Incls Load Leveling Suspension w/Auxiliary Air Inflator  
and XPU Tires)
- TIRES:**
- XPU P215/70R-15 Touring Radial (N/A 1SE) (Incl w/1SH)
  - P42 P215/70R-15 Self Sealing Touring Radial (N/A 1SE) (Incls XPU Tires)
- NW9 TRACTION CONTROL:** (Reqs 1SG/1SH)
- V92 TRAILERING PACKAGE:** (Reqs 1SG/1SH and FE3 Suspension) (Incls H.D. Cooling w/Engine  
and Transmission Oil Cooling)
- PH3 WHEELS:** 15" Cast Aluminum



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## VENTURE (Passenger Van)

### INTERIOR AND EXTERIOR COLOR AVAILABILITY CHART

**PLEASE NOTE:** The Exterior Paint and Interior Trim Combinations Shown Below are the Only Combinations Available.

TRIM LEVEL		INTERIOR COLORS		
		Dk Teal	Med Gray	Neutral
(a) Cloth Reclining Bucket		(c) 37B	14B	52B
(b) Custom Cloth Reclining Bucket		37C	14C	52C

Exterior Colors Solid Paint	Color Code	RECOMMENDED INTERIOR TRIM COLORS		
Granite, Dk (Met)	32U		x	x
Green, Med Lichen (Met)	47U		x	x
Malachite, Med (Met)	42U	x	x	x
Red, Carmine	09U		x	x
Sandrift (Met)	49U	x		x
Sapphire, Dk (Met)	28U		x	x
Silver (Met)	13U	x	x	
Teal, Dk (Met)	35U	x	x	x
White, Bright	16U	x	x	x

- (a) N/A "LS" Trim Level
- (b) Reqs "LS" Trim Level
- (c) Reqs ABA Seating Arrangement w/o AN2 and AN5 Child Seats





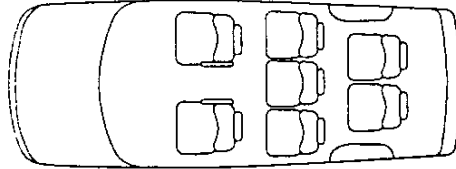
11  
12



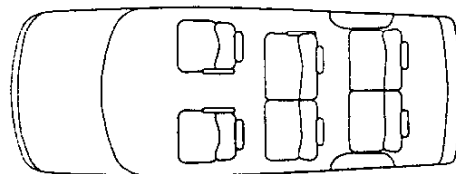
# VENTURE (Passenger Van)

## AVAILABLE SEATING ARRANGEMENTS

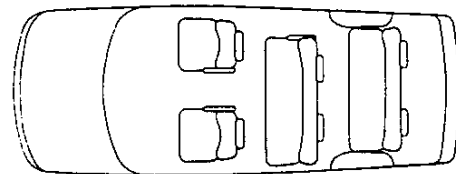
(See Interior and Exterior Chart for Restrictions)



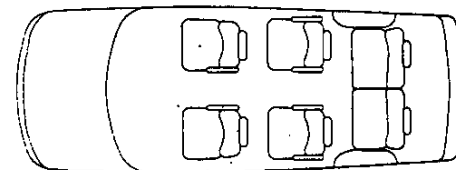
**7 Passenger Rear Bucket Seats  
ABB**



**7 Passenger Folding Split Back Rear Seating  
ABA**



**7 Passenger Solid Bench  
ABC**



**7 Passenger 2nd Row Captain's Seat  
3rd Row Split Bench  
ABD**



2  
4



## VENTURE (Cargo Van)

### STANDARD EQUIPMENT SUMMARY

#### STANDARD CHASSIS

		1UM06-Z10	1UM16-Z10
AIR CLEANER:	DRY	S	S
BATTERY:	RUNDOWN PROTECTION	S	S
BRAKES:	4-WHEEL ANTI-LOCK POWER FR DISC/REAR DRUM	S	S
COOLANT:	EXTENDED LIFE	S	S
ENGINE:	3400 V6 SFI	S	S
EXHAUST:	STAINLESS STEEL	S	S
FLUID LEVELS:	LOSS OF COOLANT ENGINE PROTECTION	S	S
FUEL CAPACITY:	25 GALLON	S	S
GENERATOR:	105 AMP	S	S
GVW:	5357 LB RATING	S	S
SHIFT INTERLOCK:	TRANSMISSION/BRAKE	S	S
SPARE:	COMPACT W/UNDERBODY CARRIER W/HOIST	S	S
SPARK PLUGS:	EXTENDED LIFE	S	S
SPRINGS:	H. D. REAR	S	S
SUSPENSION:	SMOOTH RIDE	S	S
TIRES:	P215/70R-15 ALS B/W	S	S
TRANSMISSION:	4-SPEED AUTOMATIC ELECTRONIC	S	S

#### STANDARD INTERIOR FEATURES

AIR BAGS:	DRIVER AND FRONT PASSENGER, FRONT	S	S
	DRIVER AND FRONT PASSENGER, SIDE	S	S
AIR CONDITIONING:	FRONT	S	S
ANTENNA:	WINDSHIELD INTEGRATED	S	S
ASHTRAY:	W/CIGAR LIGHTER	S	S
ASSIST GRIP(S):	PILLAR MOUNTED (2 ON 4-DOOR MODELS)	S	S
CONSOLE:	VERTICAL INSTRUMENT PANEL	S	S
CONSOLETTA:	OVERHEAD	S	S
CONVENIENCE NET:	FRONT SEAT	S	S
CUPHOLDERS:	FRONT SEAT	S	S
FILTER:	POLLEN/DUST	S	S
FLOOR COVERING:	RUBBER MAT, FULL LENGTH	S	S
GLASS:	TINTED, SOLAR-RAY FRONT; TINTED, SIDE AND LIFTGATE	S	S
GLOVE BOX:	LOCKING	S	S
KEY SYSTEM:	SINGLE	S	S
LIGHTING:	INTERIOR- GLOVE BOX, ASH TRAY, CONSOLETTA,		
	DOME, REAR CARGO AND UNDERHOOD	S	S



## VENTURE (Cargo Van)

### STANDARD EQUIPMENT SUMMARY

<u>STANDARD INTERIOR FEATURES CONT'D</u>		1UM06-Z10	1UM16-Z10
MAP POCKETS:	DRIVER/PASS FRONT DOOR	S	S
MIRROR:	INSIDE REARVIEW W/DAY/NIGHT FEATURE	S	S
MIRRORS:	OSRV LH/RH POWER REMOTE BLACK	S	S
POWER POINT:	FRONT AUXILIARY	S	S
RADIO:	AM/FM STEREO W/SEEK FEATURE AND DIGITAL CLOCK W/DUAL FRONT SPEAKERS	S	S
REFLECTORS:	FRONT DOOR AND SLIDING DOOR SAFETY	S	S
SENSORS:	LOW OIL, LOW COOLANT	S	S
SEAT ADJUSTER:	DRIVER 4-WAY MANUAL - PASS 2-WAY MANUAL	S	S
SEATING:	DRIVER AND FRONT PASSENGER VINYL HIGHBACK BUCKETS	S	S
SHOULDER BELTS:	ADJUSTABLE HEIGHT FRONT ROW	S	S
STEERING:	POWER, REDUCED EFFORT	S	S
STEERING COLUMN:	TILT	S	S
STEERING WHEEL:	DELUXE	S	S
SUNVISOR:	RH/LH W/VANITY MIRROR AND MAP HOLDER	S	S
TURN SIGNAL:	WITH 'ON' REMINDER CHIME	S	S
WINDOWS:	MANUAL DRIVER/PASSENGER FRONT, MANUAL SWINGOUT REAR QUARTER	S	S
WIPERS:	INTERMITTENT WINDSHIELD, REAR WINDOW W/FIXED/ DELAY/WASHER	S	S

### STANDARD EXTERIOR FEATURES

BUMPER/FASCIA:	FRONT AND REAR BODY COLOR	S	S
DOOR:	SLIDING, RIGHT SIDE	S	-
DOORS:	DUAL SLIDING SIDE	-	S
DOOR HANDLES:	BLACK	S	S
GAS CAP HOLDER:	FUEL FILLER DOOR	S	S
GRILLE:	CHROME	S	S
HEADLAMPS:	COMPOSITE HALOGEN W/AUTOMATIC HEADLIGHT CONTROL	S	S
HORN:	DUAL	S	S
LIGHTS:	DAYTIME RUNNING	S	S
LOCK:	CHILD SAFETY SLIDING DOORS	S	S
LOCKS:	POWER W/SLIDING DOOR DELAY (PROGRAMMABLE)	S	S
MOLDINGS:	BLACK, BODYSIDE	S	S
PAINT:	BASE COAT/CLEAR COAT	S	S
STEP PAD:	REAR FASCIA, BLACK	S	S
TAILGATE:	ONE-PIECE	S	S
WHEEL COVERS:	15" COMPOSITE BOLT-ON	S	S
WHEELS:	15 X 6 STEEL	S	S



# VENTURE (Cargo Van)

## Model 1UM06/1UM16 (Extended Wheel Base)

### MODEL AND BODY

DESCRIPTION	MODEL	WHEELBASE	DESCRIPTION	MODEL	WHEELBASE
3-DOOR EXTENDED WHEELBASE			4-DOOR EXTENDED WHEELBASE		
VENTURE.....	1UM06	120"	VENTURE.....	1UM16	120"

### PREFERRED VEHICLE

NO DELETIONS ALLOWED. ADDITIONAL OPTIONS/SUBSTITUTIONS (WHERE INDICATED)  
MAY BE ORDERED FROM THE ADDITIONAL OPTIONS LISTINGS

	1SJ	1SK
Base Equipment Group	x	x
Preferred Equipment Group 1		
Speed Control w/Resume Speed		x
Power Windows w/Driver Express Down		x
Remote Keyless Entry		x

### ADDITIONAL OPTIONS

#### OPTION

##### ACKNOWLEDGEMENTS:

- R8S Multiple Order Numbers
- R8T Preliminary Invoice
- VK3 BRACKET: License Plate, Front

##### DEFOGGER: Rear (MUST SPECIFY)

- C49 Rear Window Electric *Included w/AB7*
- R9W Rear Window Not Desired

##### EMISSION: (MUST SPECIFY) (Refer Emission Requirements Tab Section)

- FE9 Federal Emission Requirements
- NG1 New York, Massachusetts or Connecticut Emission Requirements
- YF5 California Emission Requirements
- NB8 CA, NY, MA or CT Emission Override (Reqs FE9 Emissions)
- NC7 Federal Emission Override (Reqs YF5 or NG1 Emissions)

##### GLASS:

- AJ1 Deep Tinted (Mid and Rear Side and Rear Liftgate) (Incls Rear Defogger)
- ACG Opaque (Black) (Mid and Rear Side) (Incls Regular Tinted Rear Liftgate Glass)
- AB7 Deep Tinted Rear Liftgate (Reqs ACG Opaque Mid and Rear Side Glass <sup>Incls</sup> ~~and~~ C49 Rear Defogger)

##### HEATER:

- K05 Engine Block
- C36 Rear Auxiliary

- V54 LUGGAGE CARRIER:





## VENTURE (Cargo Van)

### ADDITIONAL OPTIONS CONT'D

#### OPTIONS

##### RADIO EQUIPMENT:

UM6 Electronically Tuned AM/FM Stereo Radio w/Seek-Scan, Digital Clock and Cassette Tape

UA6 THEFT DETERRENT SYSTEM: Interior Content (N/A 1SJ)

##### SEATS: (MUST SPECIFY)

AV5 Vinyl Bucket Reclining

AR9 Cloth Bucket, Reclining (Incls Passenger Underseat Storage Drawer, Scotchgard Fabric Protection, Seat Back Map Pockets, Driver and Passenger Cloth Front Door Inserts and Front Seat Inboard Armrest)

FE3 SUSPENSION: Touring (Incls Load Leveling Suspension and XPU Tires) (Does Not Include Auxiliary Air Inflator)

##### TIRES:

XPU P215/70R-15 Touring Radial

P42 P215/70R-15 Self Sealing Touring Radial (Incls XPU Tires)

##### TRACTION CONTROL:

V92 TRAILERING PROVISIONS: (Reqs FE3 Suspension) (Incls H. D. Cooling w/Engine and Oil Transmission Oil Cooling)



# VENTURE (Cargo Van)

## INTERIOR AND EXTERIOR COLOR AVAILABILITY CHART

PLEASE NOTE: The Exterior Paint and Interior Trim Combinations Shown Below are the Only Combinations Available.

TRIM LEVEL Seat Type	(a) SEAT Opt	INTERIOR COLORS
	Vinyl Reclining Bucket	AV5
Cloth Reclining Bucket	AR9	14B

Exterior Colors Solid Paint	Color Code	RECOMMENDED INTERIOR TRIM COLORS
Granite, Dk (Met)	32U	x
Green, Med Lichen (Met)	47U	x
Malachite, Med (Met)	42U	x
Red, Carmine	09U	x
Sapphire, Dk (Met)	28U	x
Silver (Met)	13U	x
Teal, Dk (Met)	35U	x
White, Bright	16U	x

(a) Seat Option Must Be Specified

## AVAILABLE SEATING ARRANGEMENT

(See Interior and Exterior Chart for Restrictions)

