

FUNCTIONAL FEATURES**Trim Levels**

	LX-SV	LX	ES
Engine			
3.0L DOHC 24-valve V6 engine	■	■	■
A/T oil cooler	---	P	P
Larger Radiator	---	P	P
Engine block heater	A	A	A
Heavy duty battery	---	P	P
Exhaust			
Stainless steel exhaust system with single outlet and bright tip (no SS Tip on LX-SV)	■	■	■
Drivetrain			
Front-wheel drive	■	■	■
5-speed electronically controlled automatic transmission w/ overdrive	■	■	■
Traction Control System (TCS)	---	P	■
Steering			
Tilt steering column	■	■	■
Power-assisted rack-and-pinion steering with engine-speed-sensing variable assist	■	■	■
Steering wheel audio controls	■	■	■
Front Suspension			
Independent strut-type suspension	■	■	■
Gas-filled struts	■	■	■
Stabilizer bar	■	■	■
Coil springs	■	■	■
Rear Suspension			
Torsion-beam suspension	■	■	■
Coil springs	■	■	■
Gas-filled shock absorbers	■	■	■
Stabilizer bar	■	■	■
Brakes			
Power-assisted front ventilated disc/rear drum brakes	■	■	■
Anti-lock Brake System (ABS) w/ 4-sensors, 3 channels	■	■	■
Electronic Brakeforce Distribution (EBD)	■	■	■
Towing			
Trailer tow wiring harness	O	O	O
Trailer tow hitch receiver	O	O	O
Trailer tow hitch receiver cover	O	O	O

■ = Standard

P = Package Option

O = Option

A = Dealer-Installed Accessory

EXTERIOR FEATURES**Trim Levels**

	LX-SV	LX	ES
Body Type			
7 Passenger 4-door minivan with dual sliding rear doors and rear liftgate	■	■	■
Rear Manual sliding side doors w/exclusive power up and down windows	■	■	■
Rear Power sliding side doors w/exclusive power up and down windows	---	O	O
Styling			
Door handles – body-color	■	■	■
Bumpers – body-color	■	■	■
Rear step bumper	■	■	■
Rear bumper step plate	O	O	O
GFX: deeper Front & Rear fascias, side sill extensions body colored	---	P	P
Body color rear gate garnish over license plate	■	■	■
Protective side moldings – body-color	---	■	■
Front grille trim – bright	■	■	■
Front grille insert – black	■	■	■
Mazda logo – bright	■	■	■
Rear spoiler	O	O	O
Touch-up paint - Exterior-color	A	A	A
Hood debris/Bug deflector – clear	A	A	A
Hood debris/Bug deflector – smoke	A	A	A
Protective front mask	A	A	A
Convenience			
Roof rack	O	O	O
Roof rack ski rack attachment	A	A	A
Roof rack bike rack attachment	A	A	A
Roof Luggage basket w/ stretch net	A	A	A
Roof mounted Cargo boxes (long & short)	A	A	A
Front mudguards – black	A	A	A
Rear mudguards – black	A	A	A
Wheels			
15-inch steel wheels	■	---	---
16-inch alloy wheels	---	■	---
17-inch alloy wheels	---	---	■
Wheel locks	O	O	O
Tires			
205/65R15 all-season radial tires	■	---	---
215/60R16 all-season radial tires	---	■	---
215/60R17 all-season radial tires	---	---	■
Temporary spare tire	■	■	■

EXTERIOR FEATURES**Trim Levels**

	LX-SV	LX	ES
Lighting			
Headlights - Clear-lens halogen w/ multi faceted reflectors	■	■	■
Combination light housing – bright	■	■	■
Fog lights - Clear-lens halogen	O/A	O/P	O/P
Fog light pre-wiring	■	■	■
Tail light - Clear-lens cluster	■	■	■
Brake light - Center High Mounted (CHMSL)	■	■	■
Windows/Mirrors			
Variable-intermittent windshield wipers	■	■	■
Larger washer tank	---	P	P
Intermittent rear wiper with washer (timing is constant)	■	■	■
Quarter window - manual flip-out	■	■	■
Windshield - green glass w/ top sunshade	■	■	■
Front door window glass - green glass	■	■	■
Green glass on rear doors, rear quarter windows and liftgate	■	---	---
Dark-tint privacy glass on rear doors, rear quarter windows and liftgate	---	■	■
Power glass moonroof w/ tilt up ventilation feature and sliding shade	---	O	O
Window trim – black	■	■	■
Dual power remote mirrors – black	■	■	■
Dual heated power remote mirrors – black	---	P	P

■ = Standard

P = Package Option

O = Option

A = Dealer-Installed Accessory

INTERIOR FEATURES

Trim Levels

Trim	Trim Levels		
	LX-SV	LX	ES
Cloth-trimmed upholstery - velour inserts	■	■	---
Leather-trimmed upholstery - vinyl sides	---	---	■
Headliner - Unwoven	■	■	---
Headliner - Cloth	---	---	■
Full carpeting	■	■	■
Driver's Foot Rest (dead pedal)	■	■	■
Floor mats, Carpeted – front, rear & cargo	O/A	■	■
Power door locks with 2-stage unlocking	■	■	■
Door handles – interior-color	■	■	---
Door handles – bright	---	---	■
Window-switch panel – Carbon Fiber "Look"	---	---	■
Window-switch panel – interior-color	■	■	---
Illuminated driver's window-switch panel	■	■	■
Map pockets on front doors	■	■	■
Rear Gate inner assist handle	■	■	■
Assist Grips on seat backs	■	■	■
Steering wheel – urethane	■	■	---
Steering wheel – leather-wrapped	---	---	■
Dual note horn	■	■	■
Tilt steering column	■	■	■
Column-mounted gear shift lever	■	■	■
Parking brake handle – urethane	■	■	---
Parking-brake handle – leather-wrapped	---	---	■
Rear Gate inner assist handle	■	■	■
Auxillary power outlet	■	■	■
Cargo net	O/A	O/A	O/A
Cargo Mat	A	■	■
Cargo Organizer	O/A	O/A	O/A
Cargo box – small	A	A	A
Cargo box – large	A	A	A
Cargo divider/pet guard	A	A	A

INTERIOR FEATURES

Trim Levels

	LX-SV	LX	ES
Seating			
7 Passenger Seating capacity	■	■	■
Reclining front bucket seats	■	■	■
Adjustable driver's seat height and cushion angle	■	■	■
8-way power driver's seat	---	---	■
Adjustable head rests for front outboard seating positions	■	■	■
Fold-down armrests for front seats	■	■	■
Leather Seating surfaces	---	---	■
Passenger side seat under tray	■	■	■
Seat Side table	■	■	■
Storage pocket on front passenger's seatback	■	■	■
Split sliding seat (side-to-side) Separate seats	■	■	■
Each seat, folds flat, reclines and is removable	■	■	■
Split fore & aft function	■	■	■
Adjustable head rests for each seat	■	■	■
Seat back tables	■	■	---
Fold-down armrests for 2nd-row seats (2 each)	■	■	■
Tumble-Under 3-passenger rear seat with tailgate seat function	■	■	■
Reclining function	■	■	■
Horizontal folding function	■	■	■
Adjustable head rests for 3rd-row outboard seating positions	■	■	■
Windows			
Power windows with driver's one-touch-down feature	■	■	■
Power up and down windows on dual sliding doors	■	■	■
Flip-open rear quarter windows	■	■	■
Power sliding-glass moonroof with interior sunshade	---	O	O
Audio/Entertainment Systems			
AM/FM/CD audio system	■	■	■
In-dash 6-CD changer	---	A	A
In-dash full-logic auto-reverse cassette player	O/A	O/A	O/A
In-dash MiniDisc player	A	A	A
4-speaker sound system	■	■	---
9-speaker Super Sound system with amplified super woofer	---	P	■
Digital clock in head unit	■	■	■
Steering wheel-mounted audio controls	■	■	■
Fixed radio antenna, Passenger front fender-mounted	■	■	■
RSES with fold-down video screen, DVD and interface for game systems and other media	O	O	O
RSES wireless headphones – adult	O	O	O

INTERIOR FEATURES

Trim Levels

	LX-SV	LX	ES
Climate Control			
Heater/defroster with 4-speed blower	■	■	■
CFC-free air conditioning	■	■	■
Rear air conditioning with separate controls	O	O	■
Rear heater with separate controls	---	P	P
Rear window defogger	■	■	■
Front side-window demisters	■	■	■
Engine block heater	A	A	A
Interior pollen filter	■	■	■
Instrument Panel			
Center-dash panel trim – color-keyed	■	■	---
Center-dash panel trim – carbon-fiber-look	---	---	■
Chrome accents on ventilator bezels	---	---	■
12-volt power outlet	■	■	■
Locking Glovebox	■	■	■
Lower dash center console w/lid	■	■	■
Power door switch	■	■	■
Center storage bin (in place of power door switch)	■	■	■
Gauges & Warning Lights			
Tachometer	■	■	■
Speedometer	■	■	■
Odometer	■	■	■
Resettable trip odometer	■	■	■
Liquid crystal AT position indicator	■	■	■
Coolant temperature gauge	■	■	■
Digital clock (in radio)	■	■	■
Warning lamps: parking brake, high-beam, check engine, oil pressure, battery charge, seatbelts, airbags, O/D off, door ajar, low fuel	■	■	■
Black gauges/white lettering	■	■	■
White nighttime gauge illumination	■	■	■

INTERIOR FEATURES

Trim Levels

	LX-SV	LX	ES
Comfort & Convenience			
Cup holders, adjustable, front (2)	■	■	■
Ash tray, front	A	A	A
Cigarette lighter	A	A	A
Bottle holder in each rear door (2)	■	■	■
Cupholders, 2nd row center (2)	■	■	■
Cup holders, 3rd row (4)	■	■	■
Remote keyless illuminated entry system w/ panic button	■	■	■
Power door lock switches (driver's window switch panel & inner handle)	■	■	■
Remote rear cargo door release	■	■	■
Remote fuel-door release	■	■	■
Remote hood release	■	■	■
Cruise control with steering-wheel-mounted controls	■	■	■
Rearview mirror	■	■	■
Compass & Outside Temperature, Autodimming mirror	O/A	O/A	O/A
Compass & Autodimming mirror	O/A	O/A	O/A
Vinyl covered sun visors - driver's side ticket holder	■	■	---
Cloth covered sun visors - driver's side ticket holder	---	---	■
Driver's and passenger's illuminated, covered visor vanity mirrors	■	■	■
Locking, illuminated glove compartment	■	■	■
Pullout storage drawer under front passenger seat	■	■	■
Overhead storage compartment - two (not available w/ Moonroof)	■	■	■
Rope Hooks	■	■	■
Shopping Bag hooks	■	■	■
Lighting			
Front overhead map lights	■	■	■
Illuminated entry system w/ remote	■	■	■
Glove box light	■	■	■
Ignition-keyhole light	■	■	■
IP light dimmer control	■	■	■
Courtesy light on rear liftgate	■	■	■
Courtesy light on front doors	■	■	■
Courtesy light on windshield header	■	■	■
Courtesy light on ceiling - center, high power	■	■	■

■ = Standard

P = Package Option

O = Option

A = Dealer-Installed Accessory

SAFETY & SECURITY FEATURES

Trim Levels

LX -SV	LX	ES
--------	----	----

Safety

5-mph bumpers	■	■	■
Side-impact door beams – front	■	■	■
Side-impact door beams – rear	■	■	■
Dual front air bags	■	■	■
Front side-impact air bags	---	P	■
Front safety-belt pretensioners with force/load limiters	■	■	■
3-point safety belts for all outboard seating positions	■	■	■
ELR & ALR safety belts - Front Passenger, 2nd & 3rd row outboard seats	■	■	■
Lap belt for 3rd row center passenger	■	■	■
Height adjustable front shoulder belt anchors - 1st & 2nd row seats	■	■	■
Child-safety rear door locks (and electric lock for power doors)	■	■	■
LATCH child safety-seat anchors in 2nd row seats	■	■	■

Security

Engine immobilizer security system	---	---	P
Antitheft alarm with perimeter protection	---	---	P
Keyless entry w/ Panic button	■	■	■

- = Standard
- P = Package Option
- O = Option
- A = Dealer-Installed Accessory

PACKAGES, OPTIONS and ACCESSORIES
Trim Levels

	LX-SV	LX	ES
Side Air Bags & Traction Control	---	OPT.	STD.
Dual Front Side Air Bags			
Traction Control			
4 Seasons Package	---	OPT.	OPT.
Rear Heater			
H-D Battery			
Larger washer tank			
A/T oil cooler			
Larger Radiator			
Heated Mirrors			
Cold Spec wiper motor			
3000 lb. Towing capacity			
Security Package	---	---	OPT.
Alarm			
Engine Immobilizer			
Compass & Outside Temperature, Auto dimming Mirror			
Fog lamps			
GFX Package	---	OPT.	OPT.
Deeper front bumper fascia with silver garnish inserts			
Deeper Rear bumper fascia with silver garnish inserts			
Side sill extensions with silver garnish inserts			
ALL-SPORT Package	---	OPT.	---
17" Alloy wheels			
GFX			
Fog Lamps			
Rear Roof Spoiler			
9 Speaker 180 watt audio w/subwoofer			
CD Changer			
Compass/outside temp., auto dimming mirror			
Leather Steering wheel			
Floor & Cargo Mat Package	OPT.	---	---
Stand alone Options			
Rear A/C	OPT.	OPT.	STD.
In-dash 6 CD changer	---	OPT.	OPT.
Power Sliding Doors	---	OPT.	OPT.
Power Glass moonroof, requires rear A/C	---	OPT.	OPT.
Rear Seat Entertainment System (DVD)	OPT.	OPT.	OPT.
Cargo organizer	OPT.	OPT.	OPT.
Compass, Outside Temperature Auto Dimming Mirror	OPT.	OPT.	OPT.
Cargo Net	OPT.	OPT.	OPT.
Fog Lights	OPT.	OPT.	OPT.
Mudguards - front & rear	OPT.	OPT.	OPT.
Rear bumper step plate	OPT.	OPT.	OPT.
Rear Spoiler	OPT.	OPT.	OPT.
Roof Rack	OPT.	OPT.	OPT.
Wheel Locks	OPT.	OPT.	OPT.
Trailer Hitch (Class II)	OPT.	OPT.	OPT.
Trailer Hitch Wiring Harness	OPT.	OPT.	OPT.
Trailer Hitch Receiver cover	OPT.	OPT.	OPT.
Cassette	OPT.	OPT.	OPT.

PACKAGES, OPTIONS and ACCESSORIES

Trim Levels

	LX-SV	LX	ES
Accessories			
Ash Tray, Rear	OPT.	OPT.	OPT.
Ash Tray, Front	OPT.	OPT.	OPT.
Cigarette lighter	OPT.	OPT.	OPT.
Bike attachment - roof rack	OPT.	OPT.	OPT.
Engine block heater	OPT.	OPT.	OPT.
Front Mask, full	OPT.	OPT.	OPT.
Hood Bug Deflector, Clear	OPT.	OPT.	OPT.
Hood Bug Deflector, Smoke	OPT.	OPT.	OPT.
Mini Disc player	OPT.	OPT.	OPT.
Roof Cargo box, Short	OPT.	OPT.	OPT.
Roof Cargo box, Long	OPT.	OPT.	OPT.
Roof Luggage Basket w/ stretch net	OPT.	OPT.	OPT.
Ski attachment, roof rack	OPT.	OPT.	OPT.
Touch up paint	OPT.	OPT.	OPT.

2003 MPV



COLORS

Exterior EXTERIOR COLOR NAME	Interior		
	Gray LX, LX-SV, ES	Beige* LX, LX-SV Only	Beige/Black** ES Only
Black Mica	■		
Sunlight Silver Metallic	■		
Coastal Blue Metallic	■		
Midnight Blue Mica	■		
Pure White		■	■
Emerald Mica		■	■
Sage Green Metallic		■	■
Shimmering Sand Metallic		■	■

* Beige color is available for "LX" & "LX-SV" only.

** Beige/Black is available for "ES" only. (dash pad is black to compliment Carbon Fil

Gray Interior is available "LX", "LX-SV" and "ES"

ALL SPORT not available in Shimmering Sand, Sage Green or Coastal Blue mica.

SPECIFICATIONS

LX-SV / LX

SHARED

ES

ENGINE AND ELECTRICAL

Engine Type	Duratec (ADJ)		
Horsepower, SAE net	200 HP @ 6,200 rpm		
Torque, SAE net	200 lb-ft @ 3,000 rpm		
Redline	6950 rpm (instant) 6,500 rpm (sequenced)		
Displacement	2967 cc/ 181 cu in		
Bore x Stroke	89.0 x 79.5 mm /3.5 x 3.1 in		
Compression Ratio	10.1		
Fuel System	Multi-point electronic fuel injection		
Recommended Fuel	Unleaded Regular, 91 RON or 87 (R+M)/2		
Minimum Fuel Requirement	-		
Valvetrain	4 valves per cylinder (hydraulic lifters)		
Engine Block	Aluminum alloy		
Cylinder Heads	Aluminum alloy		
Emission Control	Single 3-way catalytic converter		
Ignition System	Full transistor breakerless electronic		
Alternator	12V-110A		
Battery	12V-48AH/5 hours 356 CCA 55023L (w/o 4 seasons pkg)	12V-55AH/5 hours 582 CCA 80D26L (w/ 4 seasons pkg)	
Starter	12V-1.4 kw		

DRIVETRAIN

Type	FWD		
Transmission	Type-FPF 5-Speed EC-AT w/ overdrive		
Clutch Type	Torque converter w/electronic lockup		
Ratios (:1) 1st	3.801		
2nd	2.131		
3rd	1.364		
4th	0.935		
5th	0.685		
Reverse	2.97		
Final Drive	3.491		

CHASSIS

Body Type	7-passenger 4-door Minivan; monocoque		
Front Suspension	Independent strut located by control arm: coil springs & stabilizer bar		
Rear Suspension	Torsion beam with Coil Springs		
Shock Absorbers	Telescopic, double-acting		
Steering Type	Rack-and-pinion		
Power Assist/Ratio	Engine-rpm sensitive; variable-assist/ 19.0:1		
Steering Wheel Turns Lock-to-Lock	3.3		
Turning Circle, Curb-to-Curb	11.4m/37.4 ft.		
Braking System	power-assist w/dual diagonal hydraulic circuits, 11 inch tandem vacuum servo w/ A.B.S.		
Front Discs	Ventilated, 10.8 in. x1.1 in (274 mm x 28 mm)		
Rear Discs	Drums, 10.0 x 1.96 in (254mm x 50 mm)		
Parking Brake	Mechanical, hand operated on rear wheels		
Anti-Lock Braking System	4-wheel electronic; 4-sensor, 3-channel, w/ Electronic Brake force Distrib		
Wheels	6.0JJx15 steel (LX-SV)	6.5JJx16	7.0JJx17
Tires	205/65R15 95H (LX-SV)	215/60R16 95H	215/60R17 95H
Tire Inflation Pressures F/R	35/35 psi		
Tire Brands & Models	Dunlop SP4000		
Temporary Spare Wheel	Steel wheel		
Temporary Spare Tire	T135/90 D15		
Curb Weight	3,794 lb w/o rear a/c		3,812 lb w/ rear a/c

SPECIFICATIONS

LX-SV / LX

SHARED

ES

CAPACITIES

Crankcase	5.7L/6.0 qts.	
Coolant	10.0 qts. w/o 4 seasons pkg	11.9 qts. W/ 4 seasons pkg
Windshield Washer Tank Capacity	2.2L/2.3 qts	
Fuel Capacity	75L/ 19.8 gal	
EPA Passenger Volume	134.7 cu.ft.	
EPA Cargo Volume (behind 3rd seat)	17.2 cu. ft.	
Cargo Volume w/3rd seat folded	54.6 cu ft (w/o rear A/C)	53.7 cu ft (w rear A/C)
Cargo Volume w/3rd & 2nd seats folded	127.0 cu ft (w/o moonroof)	124.5 cu ft (w moonroof)
EPA Total Volume	151.8 cu ft	
EPA Vehicle Size Category	Special Purpose 2 WD	
Towing Capacities	2,000 lbs w/o 4 seasons pkg	3,000 lbs w/ 4 seasons pkg

FUEL ECONOMY (estimated)

EPA Mileage, City/Highway	18/24 mpg
---------------------------	-----------

EXTERIOR DIMENSIONS

Wheelbase	2,840 mm/111.8 in.	
Track, Front	1,540 mm/60.63 in.	
Track, Rear	1,545 mm/60.8 in.	
Length w/std bumpers	4,769mm/187.75 in.	
Length w/ GFX pkg	4,786mm/188.42in.	
Width	1832 mm/72.1 in.	
Height	1745 mm/68.7 in.(w/16 in wheels)	1755 mm/69.1 in.(w/17 in wheels)
Minimum Ground Clearance (laden)	133 mm/5.3 in.	
Weight Distribution % front/rear	59%/41%	
Coefficient of Drag (Cd)	0.34	
Frontal Area	2.651m2/ 28.53 sq. ft.	
Bumpers, front/rear mph crash test	5.0/5.0 mph	

INTERIOR DIMENSIONS

Head Room	Front Row	41.0 in (39.0 w/moonroof)
	2nd row	39.3 in (37.4 w/moonroof)
	3rd row	38.0 in
Leg Room	Front	40.8 in
	2nd row	37.0 in
	3rd row	35.6 in
Shoulder Room	Front Row	59.8 in
	2nd row	60.8 in
	3rd row	58.1 in
Hiproom	Front Row	54.6 in
	2nd row	62.6 in
	3rd row	46.9 in

Rear Opening Vertical Max flat to flat 42"/Width @Top 39" @ Bottom 40"

PERFORMANCE

PERFORMANCE

0-60 MPH:	9.4 seconds	0-100 MPH:	30.7 sec
1/4 Mile:	17.2 seconds @81 MPH	5-60 MPH:	9.6 secs
Top speed:	118 MPH	Handling:	300 ft skidpad: 0.80g
70 mph -0 Braking	188 feet		(Car & Driver June 2002)