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Chevrolet Suburban 2500 4WD



Technical Specs: All Technical Specs are before vehicle armoring

Engine

Standard Engine	6.0L V8 or 5.3L V8 or 8.1L
Standard Transmission	4 Speed Automatic
Cylinders	8
Horsepower @ RPM	335@5200 for 6.0L
Fuel Economy Cty/Hwy	N/A / N/A
Combined Fuel Economy	N/A
EPA Class	Four Wheel Drive SUV
Number of Valves	16
Torque @ RPM	375@4000
Fuel Type/System	Gas Engine / Sequential Electronic Fuel Injected
Turbo (yes/no)	No
Overdrive Transmission	Yes
Battery Output	N/A



Engine Continued

Compression	9.4
Displacement	5967 / 364
Bore X Stroke	4.00x3.62
Cruising Range	N/A
Final Drive Gear Ratio Opt	4.10
Power To Weight Ratio	18.1
Final Drive Ratio	3.73
Valves Configuration	Overhead Valve
Supercharged	No
Electric HorsePower RPM	N/A
Electric Torque Feet Per Pound	N/A
Electric Torque RPM	N/A
Electric HorsePower BHP	N/A

Capacity & Volume

Cargo Volume (EPA)	N/A
Cargo Volume (MFR)	45.7
Fuel Capacity	37.0
Passenger Volume (EPA)	N/A
Passenger Volume (MFR)	Not Listed
Box/Cargo Height	40.5
Box/Cargo Length	36.1
Box/Cargo Width (Wheel)	49.1
Box/Cargo Width (Wall)	49.2
GVWR Standard	8600
GVWR Maximum	8600
Payload Standard	2527
Payload Maximum	2527

Brakes, Steering, Suspension & Tires

Brakes (Front)	Disc
Brakes (Rear)	Disc
Driveline	Four Wheel Drive Selectable
Driveline (Opt)	N/A
Steering	Recirculating Ball
Steering Diameter Left	44.3
Steering Diameter Right	44.3



Brakes, Steering, Suspension & Tires Continued

Suspension (Front)	Independent
Suspension (Rear)	Live
Tire Type	Light Truck
Tire Width	245
Tire Aspect Ratio	75
Tire Construction	Radial
Tire Wheel Diameter	16

Interior Dimensions

Seating (Standard)	9
Seating (Optional)	7/8
Tow Capacity (Standard)	7600
Tow Capacity (Maximum)	12000
Headroom (Front)	40.7
Headroom (Row 2)	39.0
Hiproom (Front)	61.4
Hiproom (Row 2)	61.3
Legroom (Front)	41.3
Legroom (Row 2)	39.1
Shoulder Room (Front)	65.2
Shoulder Room (Row 2)	65.1
Seating (Maximum)	9
Headroom (Row 3)	38.6
Hiproom (Row 3)	49.2
Legroom (Row 3)	36.1
Shoulder Room (Row 3)	64.4

Exterior Dimensions & Weight

Curb Weight MT	N/A
Curb Weight AT	6073
Ground Clearance	7.1
Height	76.5
Length	219.3
Top Type (Standard)	Hard Fixed
Top Type (Optional)	Not Applicable
Track (Front)	65.0
Track (Rear)	66.0
Weight Distribution AT (Front)	53
Weight Distribution AT (Rear)	47



Exterior Dimensions & Weight Continued

Weight Distribution MT (Front)	N/A
Weight Distribution MT (Rear)	N/A
Wheelbase	130.0
Width	79.8
Doors (Standard)	4
Doors (Maximum)	4

Origin

Manufactured in	U.S.A. / Mexico
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Standard Features: **All Standard Features**

Transmission

- 4-Speed Electronically Controlled Automatic Transmission With Overdrive With Tow/Haul Mode

Steering

- Power Recirculating Ball Steering
- Tilt Steering Column

Suspension

- Independent Front Suspension With Torsion Bar, Shock Absorbers and Handling/Trailer Ride Type
- Live Rear Suspension With Multi-Stage Leaf Springs and Handling/Trailer Ride Type
- 30-mm Front Stabilizer Bar

Electrical

- Towing Prewiring
- 145-Amp Alternator
- Cargo Area Power Outlet
- Cigarette Lighter and Ashtray
- 600 Cold Cranking Amp Battery
- Battery Saver
- Delayed Power Retention
- 2 Front Power Outlets



Braking & Traction

- AutoTrac(TM) Selectable 4WD System
- Self-Locking Hubs
- AutoTrac(TM) Pushbutton Transfer Case
- 4-Wheel Anti-Lock Brakes
- Front Power 325-mm X 38-mm Ventilated Disc and Rear Power 330-mm X 36-mm Ventilated Disc Brakes
- Electronic Brake Force Distribution

Safety

- Driver Airbag With Dual Stage Deployment
- Passenger Airbag Cutoff Sensor Activated By Seatbelt Engagement or Passenger Weight
- Passenger Airbag With Dual Stage Deployment
- Automatic Locking Retractors
- Crash Sensor Sends GPS Signal
- 3-Point Second Row Center Seatbelt
- Front, Second Row and Third Row Outboard 3-Point Seatbelts With Front and Third Row Center Lap Belts
- Side Guard Door Beams

Anti-Theft & Locks

- Theftlock(R) Radio Anti-Theft
- Child Safety Door Locks Located On Rear Doors
- Programmable Power Door Locks
- Selective Locking/Unlocking
- Vehicle Anti-Lockout
- Vehicle Anti-Theft Via Alarm and PassLock(R) II Engine Immobilizer
- OnStar(R) Stolen Vehicle Tracking

Remote Controls & Remote Releases

- Keyless Entry Operated Via Key Fob
- Multi-Function Remote Operates Door Lock/Unlock, Anti-Theft, Illuminated Entry and Panic Alarm
- Panic Alarm

Seats

- Front Driver Power Seat Adjusts 6 Ways Total
- Third Row Removable Bench Seat With Headrests
- Second Row Easy Entry Seat



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- Front 40/20/40 Split Folding Bench Seat With Adjustable Driver Seat Height, Manually Adjustable Headrests, and Folding Center Armrest
- Cloth Seats
- Second Row 60/40 Split Folding Bench Seat With Manually Adjustable Outboard Headrests and Folding Center Armrest

Storage

- Glovebox
- Front Dual Seatback Storage Pockets
- Second Row Armrest Storage
- Cargo Area Tiedowns
- Coinholder
- 2 Front, 4 Second Row, 2 Third Row Cupholders, 8 Cupholders Total
- Front Dual Door Storage Pockets
- Roof Rails

Instrumentation

- Cruise Control
- Steering Wheel Mounted Controls For Audio and Trip Computer
- Service Interval Indicator For Brakes and Oil Quality
- Compass
- Exterior Temperature Gauge
- Trip Computer Includes Average Speed, Fuel Range Remaining, Average Fuel Consumption and Stop Watch
- Oil Pressure Gauge
- Battery Gauge
- Digital Clock
- Voice Activated Controls For E-Mail, Internet, and Phone
- Tachometer

Interior Lighting

- Interior Load Area Lights
- Delayed Courtesy Light
- Illuminated Entry
- Front and Second Row Map Lights

Exterior Lighting

- Automatic Headlights With Automatic On and Dusk Sensor
- Daytime Running Lights
- Front Halogen Foglights
- Halogen Headlights



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Entertainment, Communication & Navigation

- Radio Data System (RDS)
- Radio Antenna
- AM/FM Radio With Seek, Scan, Speed-Sensitive Volume, and 8 Speakers Total; Auto-Reverse Cassette Player; CD Player
- Pre-Programmed Equalizer
- OnStar(R) Virtual Advisor E-Mail Access
- OnStar(R) Telematics System With 12 Months Safe and Sound Service Plan Includes Automatic Collision Notification, Concierge Services, E-Mail, Emergency Response, Internet Services, Personal Calling, Remote Unlocking, Roadside Assistance, Security System Notification, Stolen Vehicle Tracking, and Vehicle Diagnostics
- OnStar(R) Personal Calling Hands-Free Telephone
- Telephone Antenna

Heating, Ventilation & Air Conditioning

- Separate Driver and Front Passenger Climate Controls
- Rear HVAC Unit
- Rear Air Conditioning Controls
- Manual Air Conditioning
- Rear Passenger HVAC Ducts

Interior, Design, Decor & Floor Covering

- Second Row Carpeted Floor Mats
- Front Carpeted Floor Mats
- Leather Steering Wheel
- Carpet Located In Passenger Cabin and Cargo Area

Wheels & Tires

- Alloy Wheels, 16-In. X 6.5-In.
- SBRLT245/75R16E BSW, All-Season Tires
- Lockable Underbody Spare Tire Carrier
- Full-Size Spare Tire

Windows, Mirrors & Wipers

- Solar-Ray(R) Deep Tinted Glass On Rear Windows
- Dual Black Power Adjustable Heated Folding Exterior Rearview Mirrors
- Front Dual Illuminated Vanity Mirrors
- Power Window Lockout
- Power Windows With Driver One-Touch Down
- Rear Window Defroster



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- Solar-Ray(R) Tinted Glass On Windshield and Front Windows
- Dual Cloth Sunvisors
- Intermittent Windshield Wipers
- Rear Window Wiper/Washer

Exterior, Design, Paint & Finish

- Front and Rear Chrome Bumpers
- Assist Steps
- Rear Chrome Step Up Bumper
- Wheel Flares
- Gray Front Air Dam
- Metallic Paint (If Selected)
- Black Body Side Moldings

MAINTENANCE

1.1 MAINTENANCE Package (Optional)

1.1.1 Maintenance Levels

The System Operators or Technical Personnel are responsible for the following Maintenance tasks and include the following:

- i. Preventive Maintenance such as Inspections.
- ii. Preventive Maintenance such as Cleaning.
- iii. Preventive Maintenance such as Services.
- iv. Corrective Maintenance such as Replacement of Items with a High Failure Rate or Wear-out Rate and which can be replaced with ease.
- v. Corrective Maintenance by Replacement of LRU's (Line Replaceable Units, Assemblies, Sub-assemblies etc.) with a High Failure Probability, High Criticality and which are within the Capability.
- vi. Recovery of Equipment from the Deployment or Units to a maintenance level for Corrective Maintenance.

1.1.2 Maintenance Equipment

Available at all repair facilities

- i. Operating Equipment and Accessories.



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- ii. Maintenance Equipment. (Toolboxes)
- iii. Maintenance Items.(Service Packages)
- iv. Spares as required.
- v. Support Equipment as required.
- vi. Special Support and Test Equipment as required.
- vii. Common Support and Test Equipment as required.

1.2 MAINTENANCE ELEMENTS

1.2.1 Documentation

The following documentation is used for vehicle Maintenance:

- i. Operators Maintenance Manual (OMM) for the Operators Maintenance Tasks.
- ii. Maintenance Schedule for the definition of all Preventive Maintenance.
- iii. Workshop Repair Manual (WRM) for Technical Maintenance Tasks.
- iv. Illustrated Parts Breakdown (IPB) to identify Spare Parts.
- v. Illustrated Stock List (ISL) to identify Support Equipment and Spares.

1.2.2 Support Equipment

The following types of support equipment are used for Maintenance:

- i. Support Equipment carried in the Equipment ETS Boxes including Operating Equipment, Accessories and Maintenance Equipment.
- ii. Support Equipment as required for Preventive and Corrective Maintenance.
- iii. Support Equipment required and consists of Special Tools and Common Equipment which are within the Capability.

1.2.3 Spares

The following types of spares are required for Maintenance:

- i. Spares kept in the Equipment ETS Boxes.
- ii. Preventive and Corrective Maintenance Spares.

1.2.4 Personnel

The following operating and or technical personnel are located at all repair facilities:



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- i. Auto Electricians for Vehicle and PSU Electrical.
- ii. Auto Mechanics for diesel and petrol engines.

Armoring

Vehicle Armoring is available in all different levels depending on customer preferences. For more information on armoring levels please visit www.mushriquiconsulting.com/armorlev.htm

NIJ Level III/B6 Armored Vehicles

SPECIFICATION SHEET

Protection System	NATO CLASS / HIGH LEVEL
Glass Areas	44 MM BULLET-RESISTANT TRANSPARENT ARMOR, MULTI-LAYER GLASS AND POLYCARBONATE INNER LAYER
Glass Appearance	GLASS IS CURVED AND CONTOURED TO RETAIN THE APPEARANCE OF THE ORIGINAL GLASS. ALL TRANSPARENT AREAS IS ARMORED TO LEVEL B6 WITH 44MM BALLISTIC AUTO GLASS.
Front Side Driver Window	OPERABLE TO 6 INCHES
Body Doors	PILLAR POSTS, SIDE PANELS, KICK-PANELS, FIREWALL, AND HEADERS (LATERALS) ARE ARMORED WITH BALLISTIC COMPOSITE MATERIAL EQUIVALENT MATERIAL OR AIR HARDENED HEAT TREATED BALLISTIC STEEL (NIJ LEVEL III AND EN 1063 B6 PROTECTION)
Roof	ARMORED WITH BALLISTIC COMPOSITE MATERIAL
Floor	FLOOR AREAS ARE ARMORED WITH MULTI-PLY RIGID BALLISTIC FRAGMENTATION MATERIAL COMBINED WITH KEVLAR MOLDED TO FORM FIT CONTOURS OF FLOOR BOARDS AND PANELS. DESIGNED TO DEFEAT THE FOLLOWING HAND GRENADES AND ALL LESSER EXPLOSIVES. TWO DM 51 (GERMAN NORM) HAND GRENADES PER SQ.M. DETONATED SIMULTANEOUSLY



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<p>Opaque Areas</p>	<p>PROTECTS AGAINST SOFT CORE PROJECTILES FIRED WITH THE FOLLOWING AND ALL LESSER WEAPONS AT 90° AND 45° (ROOF) IMPACT ANGLE IN ACCORDANCE WITH CEN.</p> <ol style="list-style-type: none"> 1. CALIBRE 7.62 X 39 MM, FJ/PB/SC, AK 47, (KALASHNIKOV) OBR-43 PS 2. CALIBRE 5.45 X 39.5 MM AP, FJ/PB/SCP, AKS 74, (KALASHNIKOV) OBR-74 3. CALIBRE 5.56 X 45 MM, FJ/PB/SCP, US RIFLE M16 A2, SS-109 /M-855 4. CALIBRE 7.62 X 51 MM, FJ/PB/SC, "FAL" / "LAR" NATO RIFLE 															
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<p>Transparent Areas Ballistic Properties</p>	<table border="1"> <thead> <tr> <th data-bbox="708 1152 863 1209">TYPE OF WEAPON</th> <th data-bbox="876 1152 1032 1209">CALIBER</th> <th data-bbox="1039 1152 1195 1209">BULLET</th> <th data-bbox="1201 1152 1357 1209">IMPACT SPEED</th> </tr> </thead> <tbody> <tr> <td data-bbox="708 1218 863 1436">RIFLE (E.G.: FAL G1)</td> <td data-bbox="876 1218 1032 1436">7.62 X 51, 305 MM LAY</td> <td data-bbox="1039 1218 1195 1436">STEEL FULL METAL JACKET, POINTED BULLET, SOFT CORE WITH LEAD</td> <td data-bbox="1201 1218 1357 1436">830 + 10 M/S</td> </tr> <tr> <td data-bbox="708 1444 863 1755">RIFLE (E.G.: US M16)</td> <td data-bbox="876 1444 1032 1755">5.56 X 45, 178 MM LAY</td> <td data-bbox="1039 1444 1195 1755">COPPER FULL METAL JACKET, POINTED BULLET, SOFT CORE WITH LEAD AND STEEL PENETRATOR SS109</td> <td data-bbox="1201 1444 1357 1755">950 + 10 M/S</td> </tr> </tbody> </table>	TYPE OF WEAPON	CALIBER	BULLET	IMPACT SPEED	RIFLE (E.G.: FAL G1)	7.62 X 51, 305 MM LAY	STEEL FULL METAL JACKET, POINTED BULLET, SOFT CORE WITH LEAD	830 + 10 M/S	RIFLE (E.G.: US M16)	5.56 X 45, 178 MM LAY	COPPER FULL METAL JACKET, POINTED BULLET, SOFT CORE WITH LEAD AND STEEL PENETRATOR SS109	950 + 10 M/S			
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<p>Certification</p>	<ul style="list-style-type: none"> • H. P. WHITE LABORATORIES U.S.A • UNITED STATES LABORATORY <p>THE COMPLETE TESTING STANDARDS SET OUT IN THE GUIDELINES REFERRED TO, AS WELL AS THE TEST PROTOCOL AND ALL CERTIFICATES, MAY BE VIEWED.</p>
<p>Suspension & Braking System</p>	<p>REAR STABILISER BAR UPGRADED TO A HEAVY DUTY MODEL</p> <p>BRAKING SYSTEM IS FULLY MODIFIED TO PERFORM UNDER ADDITIONAL ARMoured VEHICLE BODY.</p> <p>TIRES AND RIMS FITTED ARE FULLY APPROVED FOR THE HIGHER VEHICLE WEIGHT RATIO ACCORDING TO TÜV / MOT (DOT EQUIVALENT) TYPE RECOMMENDATIONS AND LEGAL REQUIREMENTS.</p> <p>MODIFICATIONS ARE CARRIED OUT TO ASSURE THAT THE VEHICLE PASSES THE VERY EXACT GERMAN TYPE APPROVAL.</p>
<p>Extra Security Equipment Fitted as a Standard to Vehicle</p>	<p>REINFORCED HINGES: SPECIALLY DESIGNED REINFORCED STRENGTHENED HEAVY DUTY DOOR HINGES A MINIMUM OF TWO EXTRA HINGES PER DOOR</p> <p>PROTECTED FUEL TANK: COMPLETELY ARMoured ACCORDING TO THE SPECIFICATIONS WITH LEVEL CEN B6. UTILIZING ARMORED STEEL</p> <p>PROTECTED VEHICLE MANAGEMENT SYSTEM (BLACK BOX): COMPLETELY ARMoured ACCORDING TO THE SPECIFICATIONS UTILIZING LEVEL CEN B6. WITH ARMORED STEEL</p> <p>RUN-FLAT TIRE SYSTEM: 50 KM DISTANCE AT 50 Km/H SPEED.</p> <p>REAR CARGO: 100% PROTECTION AGAINST FOREIGN PROJECTILES AND SPLINTERS. THE TRANSPARENT ARMOUR AREA PROVIDES REAR VIEW VISION WITH MINIMAL OBSTRUCTION.</p> <p>VEHICLE SUSPENSION STABILISING BARS: ROBUST HEAVY DUTY HARD WEARING COIL SYSTEM. OEM COMFORT STANDARDS ARE MAINTAINED WITH THIS FEATURE.</p>



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Optional Security Extras	<ul style="list-style-type: none"> • ALARM SIREN • BATTERY PROTECTION • BEACON CONNECTOR • BULL BAR • CENTRAL DOOR LOCKING • FIRE EXTINGUISHER SYSTEM • FLAG POLES • FOG LAMPS • HEAVY DUTY CAR JACK • 10 TON WRENCH • 4 WINDOW OPERABLE LIFTERS • INTERCOM / PUBLIC ADDRESSING SYSTEM • MAGNETIC BEACON <ul style="list-style-type: none"> • RADIO/CD COMBINATION • STALK MOUNTED MAP READING LAMP
Service Package	<p>Local Service Provided in Iraq (Baghdad, at Camp Victory & Camp Brooklyn and for all other locations in Iraq like Mosul, Tikrit, Basrah and Balad a team of engineers & technicians will be sent on a secure military base) Kuwait , Jordan, Egypt, U.A.E. , U.S.A. , Canada, Russia, Brazil, Mexico, Turkey, Sweden, France, Italy, Afghanistan, and Germany. All other countries are available upon request, All the above have the ability to conduct full warranty, maintenance & service for ballistic and non ballistic needs</p>
Strobe Lights	<p>BLUE OR RED LIGHTS VISIBLE OR NON-VISIBLE EXCEPT WHEN TURNED ON CAN BE MOUNTED TO THE VEHICLE TO DRAW ATTENTION IN STANDARD TRAFFIC SITUATIONS.</p>
Telephone / Radio Cable Preparation	<p>PRE-WIRING HAS BEEN LAID THROUGHOUT THE VEHICLE TO ASSIST FURTHER INSTALLMENT OF COMMUNICATION EQUIPMENT FOR ON BOARD TELEPHONE.</p>
Toolbox	<p>Standard Tools included for emergency situations</p>



Warranty

- 3 YEARS OR 60,000 KM WHICHEVER COMES FIRST
- WARRANTY FOR DEFECTS IN MATERIALS AND WORKMANSHIP AFTER TRANSFER OF RISK.
- SERVICES UNDER THE WARRANTY SHALL ONLY BE PROVIDED FREE OF CHARGE IF THE DEFECTS ARE PROVEN IN DESIGN, MATERIALS OR WORKMANSHIP.
- THE WARRANTY IS EXTENDED TO ANY PARTS INSTALLED WHEN REMEDYING THE DEFECTS UNTIL EXPIRE OF THE WARRANTY PERIOD.

SAMPLE (Pictures doesn't reflect car type)

		
REAR HATCH DOOR	BATTERY COMPARTMENT	DOORS
		
ROOF	FRONT COMPARTMENT	RUNFLATS