

ARMORED 2023 CHEVROLET SUBURBAN

LT



LEVEL A9

AGAINST 7.62 x 39mm, 5.56 x 45mm, 7.62 x 51mm





VEHICLE SPECIFICATIONS

BASE CHASSIS SPECIFICATIONS

MAKE:	Chevrolet
MODEL:	Suburban 4WD LT 4x4
YEAR:	2023
ENGINE:	5.3L ECOTEC V8 Petrol
POWER:	420 hp & 460 Torque LB-FT
TRANSMISSION:	10-Speed Automatic
TIRES:	18 in (W/Run-Flat System)
COLOR:	Black
INTERIOR:	High Country Package
SEATING:	2 + 2 + 3
APPROX. WEIGHT:	8,800 lbs. (3,992 kg)



HEIGHT:
75 in.
(192 cm)

WIDTH:
81 in.
(205 cm)

LENGTH:
225 in.
(573 cm)

WHEELBASE:
134 in.
(340 cm)

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Firewall

Ballistic steel or composite material firewall provides protection from explosion and different angle of attacks.

3-1



Floor

Floor is lined with ballistic steel or composite to protect against mines and grenade blasts.

3-3



Reinforced Door Hinges

Vehicle will be equipped with state-of-the-art Heavy-Duty (HD) hinges that have a built-in door stopper, preventing the use of retaining straps and door swing..

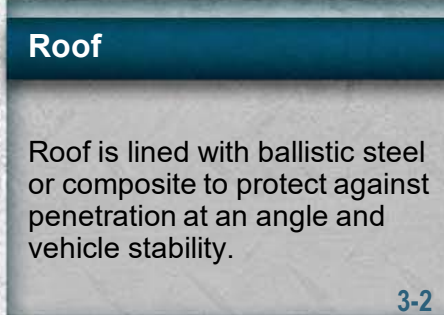
3-5



Overlaps

All doors and windows feature ballistic steel overlaps to keep shrapnel from angle shots from entering the cabin.

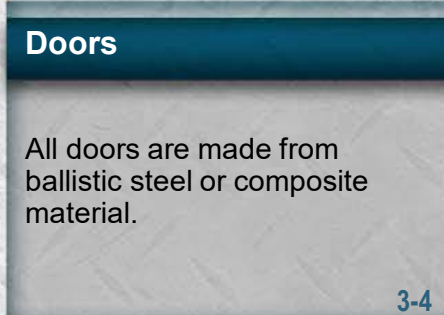
3-7



Roof

Roof is lined with ballistic steel or composite to protect against penetration at an angle and vehicle stability.

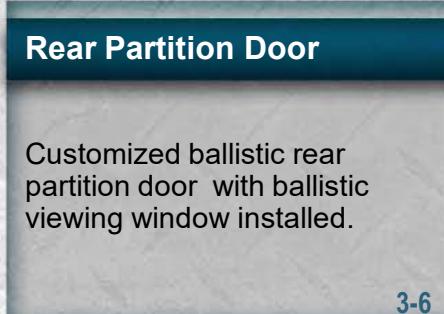
3-2



Doors

All doors are made from ballistic steel or composite material.

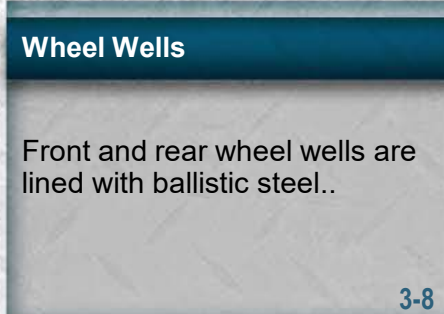
3-4



Rear Partition Door

Customized ballistic rear partition door with ballistic viewing window installed.

3-6



Wheel Wells

Front and rear wheel wells are lined with ballistic steel..

3-8





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Glass Armor

Minimum 40 mm thick glass/polycarbonate composite A9/NIJ III transparent armor installed on the vehicle.

4-1



Anti-Spall Layer

Inner-most anti-spall layer prevents glass and bullet fragments from penetrating into passenger cabin area and is free of any optical distortion and discoloration.

4-2



Multi-Hit Protection

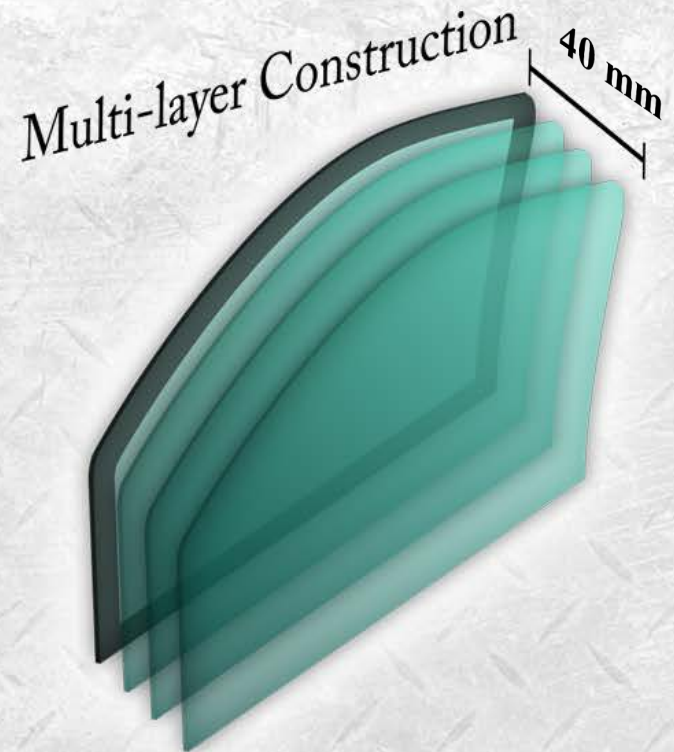
All windows are capable of sustaining multiple hits while providing protection to passengers.

4-3



The front 2 windows are equipped with special custom-designed heavy duty actuator mechanism to allow for faster and quieter operation with maximum traveling distance.

4-4





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Ballistic Door Overlap

Each door is equipped with ballistic steel overlap with added custom bullet-catchers wrapped in high quality leather or vinyl.

5-1



Power Windows

The front driver and passenger window are powered and lower approximately 4 - 6 inches.

5-2



Rear Door Partition

The rear door partition is equipped with thick ballistic window.

5-3



Tailpipe Protection

The tailpipe features a special mesh that prevents the tailpipe from being sabotaged.

5-4

Upgraded Braking

The vehicle's braking system (rotors & pads) will be upgraded to accommodate the added armor weight.

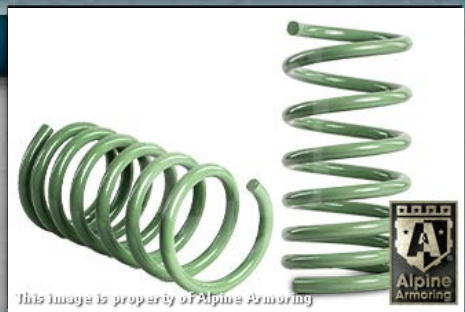
5-5



Upgrade Suspension

The vehicle's suspension (HD Coils) will be upgraded to accommodate the added armor weight, along with chassis reinforcement as deemed necessary.

5-6



Fuel Tank Protection

Fuel tank is protected by a ballistic steel box. Protects from two simultaneous grenades.

5-7



Run-Flat Inserts

Vehicle will be equipped with full-size run-flat inserts in each tire.

5-8





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Battery Protection

The battery is encased in a ballistic steel box to protect it.

6-1



P.A./Multi-Siren System

Located on the center console. The multi-siren features standard siren tones, volume adjustment, and a public address system.

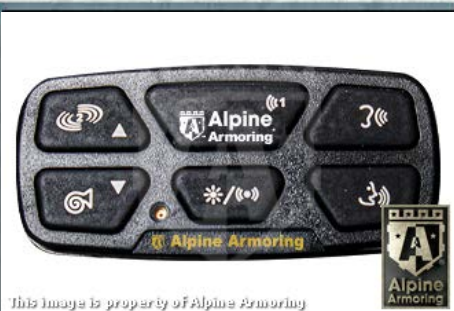
6-2



Strobe Lights

Two white strobe lights are mounted in the front grill. Controlled using the P.A./siren control unit in the center console.

6-3



P.A./Multi-Siren System

Located on the center console. The multi-siren features standard siren tones, volume adjustment, and a public address system.

6-4

Reinforced Door Hinges

Vehicle will be equipped with state-of-the-art Heavy-Duty (HD) hinges that have a built-in door stopper, preventing the use of retaining straps and door swing..

6-5



Rear Escape Hatch

Added center gunport and manual interior release access for rear hatch included.

6-6



Rear Quarter Glass

The rear quarter panel of the vehicle is reinforced with ballistic glass

6-7



OEM Appearance

The exterior of the vehicle with the Armoring conversion will maintain the OEM appearance of the factory vehicle.

6-8



COMPLETED VEHICLE PHOTOS: EXTERIOR



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7-1



7-2



7-3



7-4





COMPLETED VEHICLE PHOTOS: EXTERIOR

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COMPLETED VEHICLE PHOTOS: INTERIOR





























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ALPINE ARMORING'S BALLISTIC CHART

WEAPONS	SPECS			LEVELS					BULLETS			NUMBER OF SHOTS	
	TYPE	CALIBER (mm)	CLASS	STANAG	UL	ALPINE	NIJ	CEN	MASS (g)	MATERIAL	VELOCITY		
	.38 Special	9 x 19	Handgun	—	1	A1	I,II,IIA	—	8.00	LCCJ	358 M/S	5	
	.357 Magnum	9 x 33	Handgun	—	2	A2	I,IIA	B1 & B3	10.20	JSP	430 M/S	5	
	.44 Magnum	11 x 33	Handgun	—	3	A3	IIIA	B4	15.60	LWC	440 M/S	5	
	MP5	9 x 19	SMG	—	6	A4	IIIA	B2	8.00	LCCJ	427 M/S	5	
	Shotgun	12 Gauge	Shotgun	—	3 & 4	A5	IIIA	SG2	28.30	SLUG	503 M/S	3	
	Tokarev	7.62 x 25	Handgun	—	—	A5	IIIA	—	5.50	LCSJ	488 M/S	5	
	Kalashnikov (AK-47)	7.62 x 39	Assault Rifle	—	—	A6	III	B5	9.70	SCCJ	732 M/S	5	
	Kalashnikov (AK-47 Military)	7.62 x 39 API BZ	Assault Rifle	II	—	A7	—	B5+	11.70	SCCJ	774 M/S	3	
	M16/AR-15	5.56 x 45 NATO SS109 5.56 x 45 NATO Ball	Assault Rifle	I	7	A8	IV	B5	4.00	SCCJ LCCJ	900 M/S 833 M/S	5	
	Winchester .308	7.62 x 51	Rifle	I	7	A9	III	B6	10.90	LCCJ	810 M/S	5	
	Remington 700 SPS	7.62 x 63 AP (.30-06) 7.62 x 51AP (WC core)	High-Power Rifle	III	5 & 8	A10	IV	B7-	10.80 8.40	AP	869 M/S 930 M/S	5	
	Dragunov	7.62 x 54R B32 API	Sniper Rifle	III	—	A11	IV+	B7+	10.04	SCCJ	854 M/S	1	
	.50 Cal	12.7 x 99	High-Power Rifle	IV	10	A12	—	—	45.00	CJ	908 M/S	1	

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UL Underwriters Laboratory, 752
NIJ National Institute of Justice, 0108.01
CEN European Standard
STANAG ... NATO's Standard (STANAG 4569)
ALPINE Alpine Armoring's Certified Standard

LCCJ Lead Core Copper Jacket
JSP Jacketed Soft Point
LWC Lead Wad Cutter
LCSJ Lead Core Steel Jacket
SCCJ Steel Core Copper Jacket
AP Armor Piercing
SG Shotgun

Shots (5) 11.4 cm Square Pattern (Corners & Center)
Shots (3) 11.4 cm Triangular Pattern
Velocity Minimum Measured Velocity
NIJ Rating .. Levels I, II, IIA, & IIIA (based on 1 of 2 required calibers of ballistic threat)



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WARRANTY

ARMORED CHEVROLET SUBURBAN LT

This vehicle, as proposed to the client in this quote, would be under Alpine Armoring's premium warranty covering all added armored parts and labor as well as all added accessories for one full year, effective the day of sale. Additional warranty for longer period is available upon request.

Alpine Armoring Inc. hereby honors this warranty in the United States and around the world against any and all related manufacturer's defects, including parts & labor.

MANAGEMENT AUTHORIZED
ALPINE ARMORING INC.
CHANTILLY, VIRGINIA, USA

DATE ISSUED

