

# ARMORED TOYOTA SEQUOIA CAPSTONE

NEW GENERATION BODY STYLE



**LEVEL A9**

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







# VEHICLE SPECIFICATIONS

## GENERAL SPECIFICATIONS

<b>MAKE:</b>	Toyota
<b>MODEL:</b>	Sequoia Capstone
<b>TRIM:</b>	<b>Capstone</b>
<b>YEAR:</b>	2023
<b>MOTOR:</b>	3.4L V6 – Twin-Turbo Hybrid
<b>POWER:</b>	437 hp / 583 LB-FT
<b>TRANSMISSION:</b>	10-Speed Automatic (ECT-i)
<b>COLOR:</b>	Midnight Black Metallic
<b>INTERIOR:</b>	Capstone Premium Leather Semi-aniline leather Black/White
<b>SEATING:</b>	2 + 3 + 2
<b>FINAL WEIGHT:</b>	<b>8,650 lbs (3,923 kg.)</b> Armored



**HEIGHT:**  
**74.2 in.**  
(188 cm)

**WIDTH:**  
**79.8 in.**  
(202 cm)

**LENGTH:**  
**208.1 in.**  
(528 cm)

**WHEELBASE:**  
**122 in.**  
(309 cm)

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3

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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..

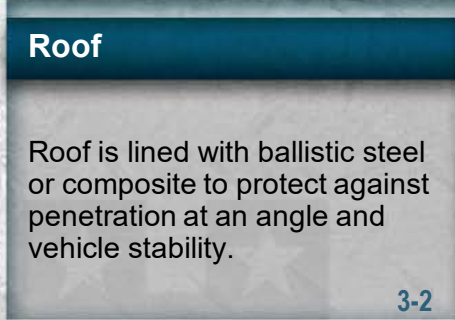
3-5



### Overlaps

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

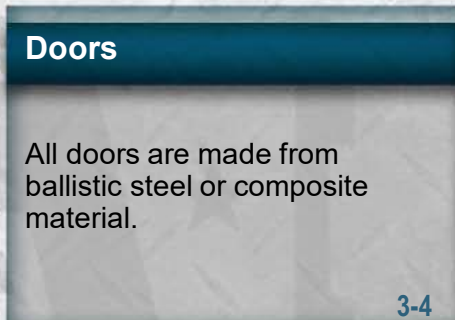
3-7



### Roof

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

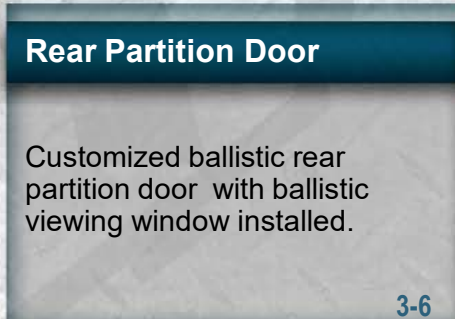
3-2



### Doors

All doors are made from ballistic steel or composite material.

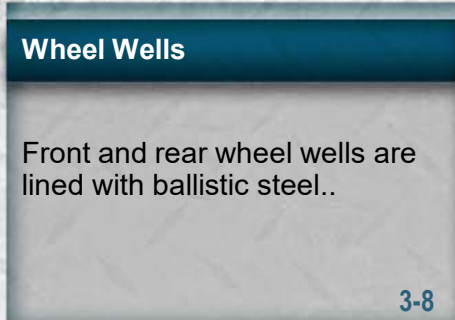
3-4



### 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

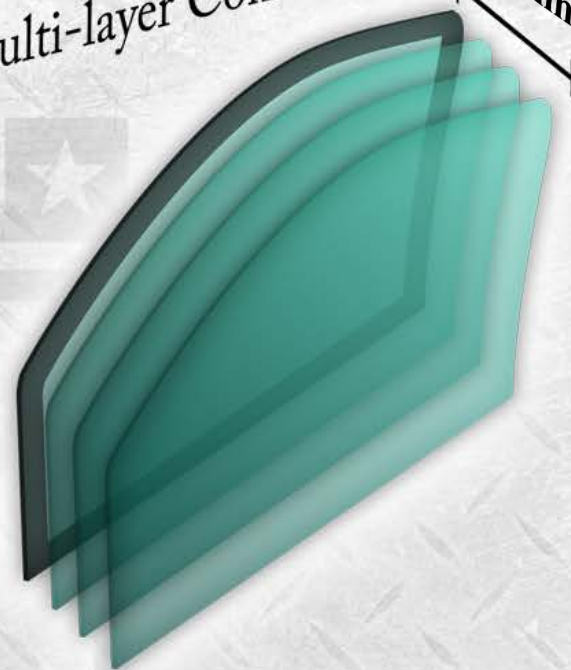


### Front Power Windows

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

4-4

Multi-layer Construction 40 mm







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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

### Upgraded Rotors

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

5-5



### Power Windows

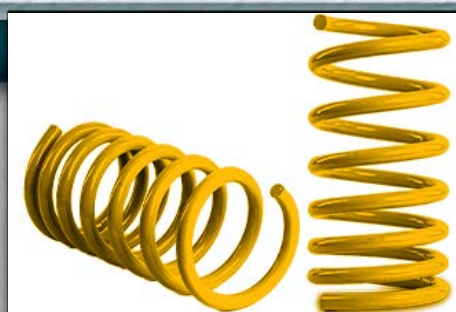
Passenger and driver windows are powered and lower approximately 4 - 8 inches.

5-2

### 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



### Rear Door Partition

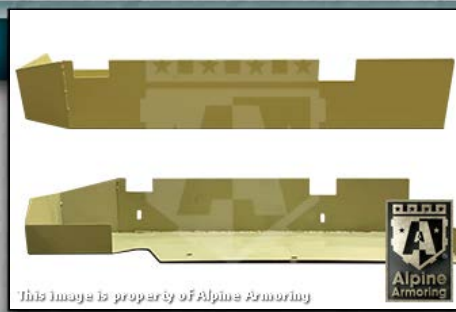
The rear door partition is equipped with thick ballistic window.

5-3

### Fuel Tank Protection

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

5-7



### Tailpipe Protection

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

5-4

### Run-Flat Inserts

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

5-8







# ADDITIONAL FEATURES

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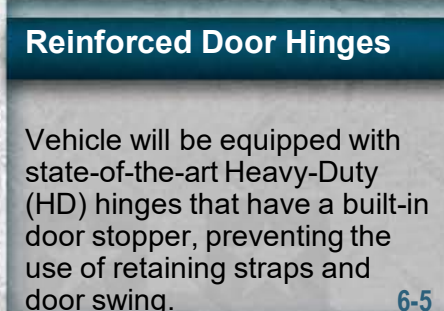
6  
"no one protects you better."



## External Car Microphone

Sleek, low profile microphone installed in the exterior of the vehicle (so you don't open your windows to speak).

6-1



## 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.

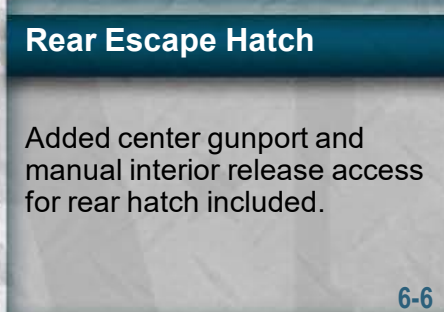
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## P.A./Multi-Siren System

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

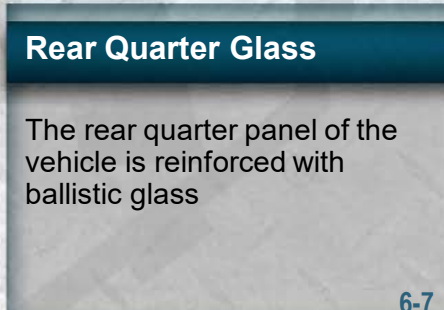
6-2



## Strobe Lights

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

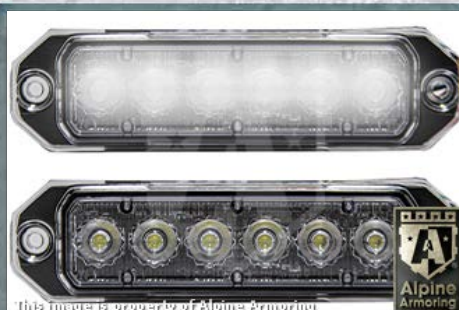
6-3



## Rear Quarter Glass

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

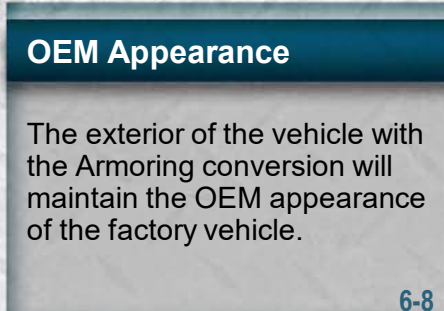
6-7



## 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



## OEM Appearance

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

6-8





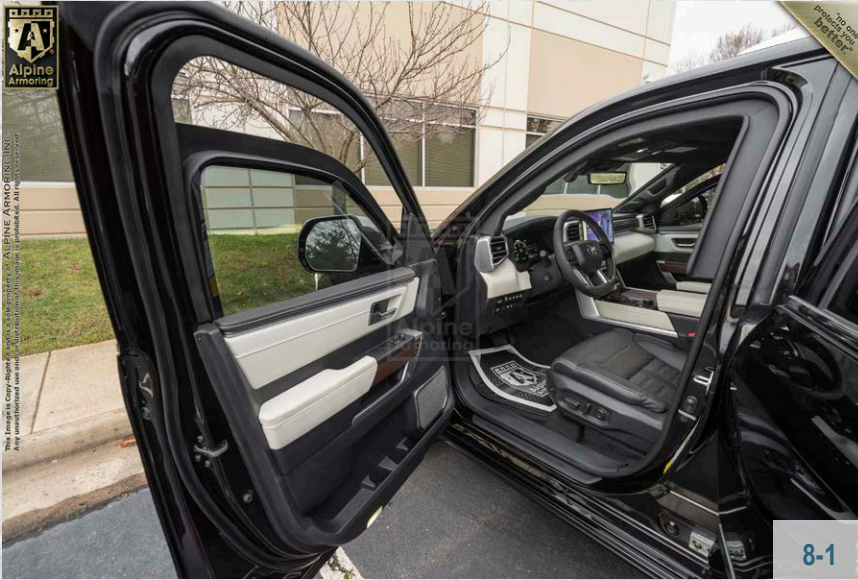






# COMPLETED VEHICLE PHOTOS: EXTERIOR

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# COMPLETED VEHICLE PHOTOS: INTERIOR

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# ALPINE ARMORING'S BALLISTIC CHART

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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	5	
	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	3	
	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 TOYOTA SEQUOIA CAPSTONE

This vehicle, as proposed to the client in this quote, would be under Alpine Armoring's premium warranty covering the entire conversion parts including all 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

