

"no one
protects you
better."



CERTIFIED
VR7

Armored to Level VR7

Against 7.62x39, 5.56x45, 7.62x51, M193, & M80 Ball

ARMORED TOYOTA LAND CRUISER 78 AMBULANCE

ALPINE ARMORING INC.

alpineco.com



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VEHICLE SPECIFICATIONS

GENERAL SPECIFICATIONS

MAKE:	Toyota
MODEL:	Land Cruiser 78 Ambulance
YEAR:	NEW
ENGINE:	4.5 L V8 Diesel
POWER:	195 hp @ 3,300 rpm
TRANSMISSION:	5 – Speed Manual
COLOR:	White
INTERIOR:	Tan Fabric
SEATING:	2 + Crew
ARMORED WEIGHT:	Approx 7,275 lbs. (3,300 kg.)

OTHER SPECIFICATIONS

HEIGHT:
83 in.
 (210 cm)

WIDTH:
70 in.
 (177 cm)

LENGTH:
200 in.
 (508 cm)

WHEELBASE:
117 in.
 (297 cm)



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Firewall

Ballistic steel lines the firewall and provides protection up front.

4-1

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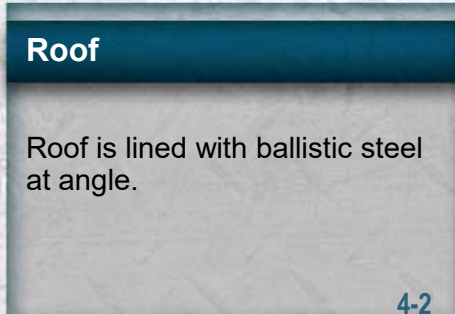


Floor

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

4-3

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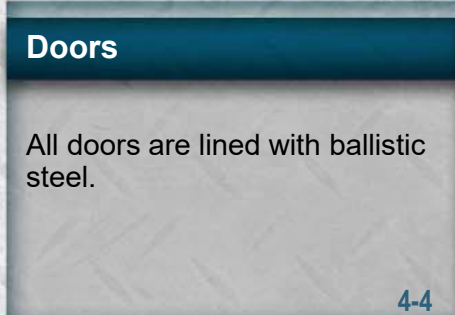


Roof

Roof is lined with ballistic steel at angle.

4-2

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Doors

All doors are lined with ballistic steel.

4-4

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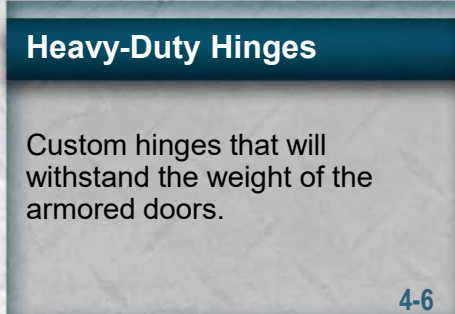


Exhaust Protection

The exhaust is protected by a steel mesh to prevent sabotage.

4-5

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Heavy-Duty Hinges

Custom hinges that will withstand the weight of the armored doors.

4-6

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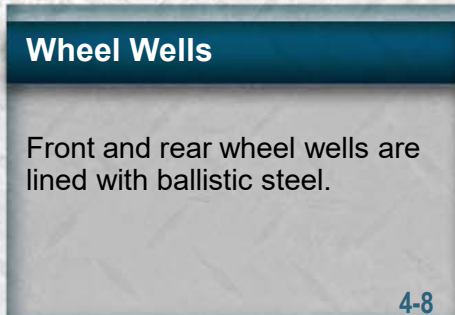


Overlaps

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

4-7

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Wheel Wells

Front and rear wheel wells are lined with ballistic steel.

4-8

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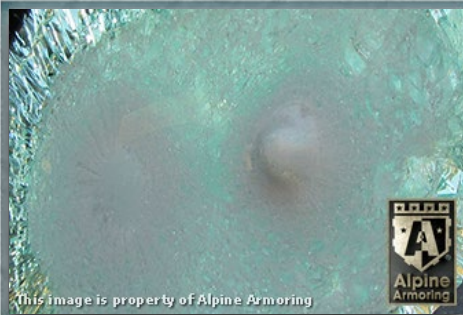
5
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Glass Thickness

Minimum 40 mm thick glass/polycarbonate composite transparent armor.

5-1



Anti-Spall Layer

Inner-most anti-spall layer prevents glass and bullet fragments from penetrating into passenger cabin area.

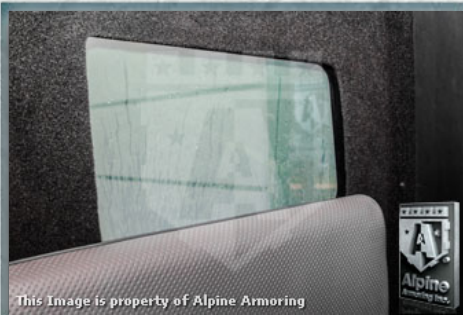
5-2



Multi-Hit Protection

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

5-3

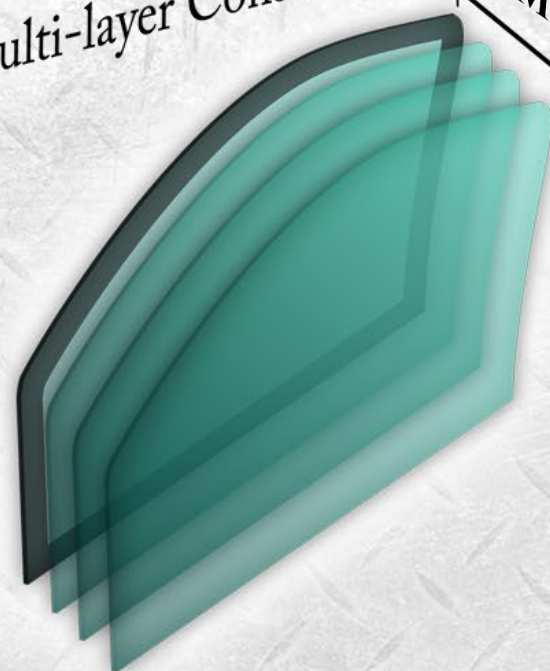


Anchored Windows

All windows are anchored for additional protection from explosions.

5-4

Multi-layer Construction 40 MM





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Run-Flat Tires

Five tires with run-flat inserts are included and installed on the ambulance.

6-1



Rear Door Protection

Ballistic steel rear doors, using heavy duty hinges to accommodate the added weight.

6-2



Fixed Windows

The front two windows are fixed.

6-3



Partition Window

The sliding window facilitates communication to the patient area.

6-4



ECM Protection

Electronic control module is encased in a ballistic steel box.

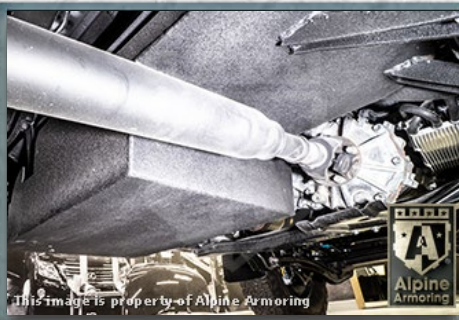
6-5



Upgraded Suspension

Rear springs are upgraded with a stabilizer and extra leaf to better control the vehicle when cornering.

6-6



Fuel Tank Protection

The fuel tank is encased in a ballistic steel box to protect against mines and grenades.

6-7



Battery Protection

The battery is encased in a ballistic steel box.

6-8





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LED Light Bar

Four tones: Wail, yelp, Hi-Lo and air horn
Full 50W P.A facility

7-1



P.A. System with Siren

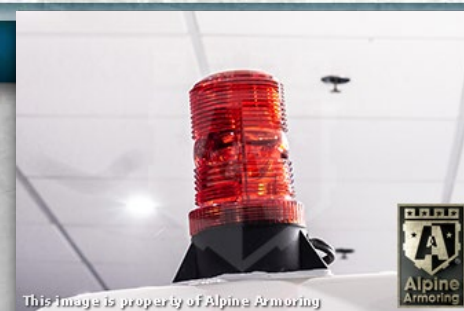
82pcs Combination tool accessories diagnostic multi-function hand tool box set is provided for this vehicle

7-3

LED Beacon

Alerts the public to the presence of the emergency vehicle, alerts other road users to the presence of an emergency vehicle

7-2



Paramedic First Aid Kit

Contains an adequate selection of the items required when dealing with a first aid situation

7-4



Frosted Film

Enhances security and privacy Lessens sun glare, but not illumination Filters ultra violet rays. Helps maintain patient area temperature by blocking heat from the sun.

7-5

Hand Wash Unit

Ensures that a sufficient level of hygiene is met. Prevents the spread of infection. Health precautions

7-6



Red Cross Decals

Clear vehicle identification. Resistant to punishment from the elements

7-7

Attendant Seat

Three point seatbelt with arm rests. Allows for ease of loading the stretcher onto the vehicle

7-8



COMPLETED EXTERIOR VEHICLE PHOTOS



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8-1



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8-2



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8-3



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COMPLETED INTERIOR VEHICLE PHOTOS



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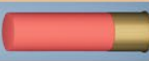















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ALPINE ARMORING'S BALLISTIC CHART

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	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 LANDCRUISER 78 AMBULANCE

This vehicle, as proposed to the client in this quote, would be under Alpine Armoring's premium warranty covering both the OEM and 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



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