

"no one
protects you
better."



LEVEL
A9



Armored to Level A9/B6+

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

Armored Toyota Land Cruiser

ALPINE ARMORING INC.

alpineco.com



Table of Contents..... Page 2

Vehicle Specifications Page 3

Opaque Armor Details.....Page 4

Transparent Armor Details..... Page 5

Additional Features..... Page 6

Completed Vehicle Photos.....Page 7

Ballistic Reference Chart..... Page 8

Vehicle Warranty..... Page 9





GENERAL SPECIFICATIONS

VIN: 9FH31UJ7347003534

MAKE: Toyota

MODEL: Land Cruiser 3-Door 4x4

YEAR: 2004

ENGINE: 4.5L V8 Gasoline

POWER: 212 hp @ 4,600 rpm

TRANSMISSION: 5-Speed Manual

COLOR: Black

INTERIOR: Grey Cloth/Vinyl

SEATING: 2 + 2

APPROX. WEIGHT: 6,280 lbs. (2,849kg)

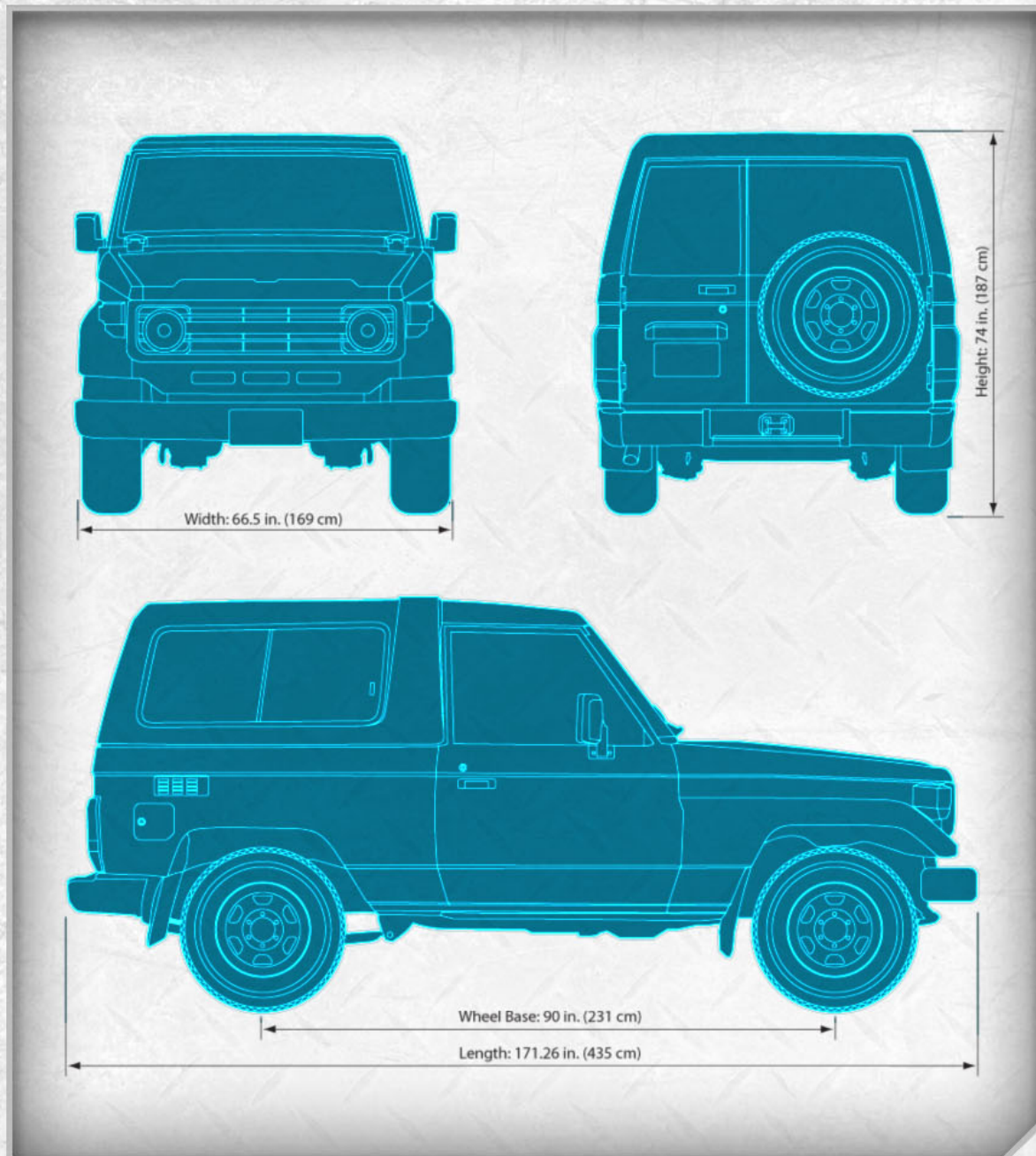
OTHER SPECIFICATIONS

HEIGHT:
74 in.
(187 cm)

WIDTH:
67 in.
(169 cm)

LENGTH:
171 in.
(435 cm)

WHEELBASE:
90 in.
(231 cm)



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OPAQUE ARMOR DETAILS



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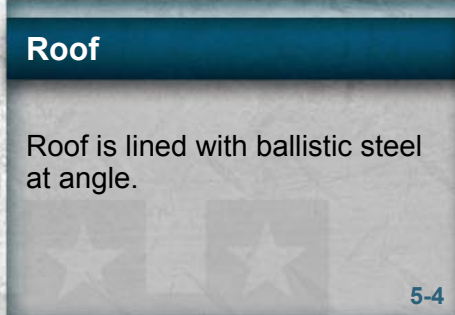


Firewall

Ballistic steel lines the firewall and provides protection up front.

5-1

This Image is property of Alpine Armoring



Roof

Roof is lined with ballistic steel at angle.

5-4

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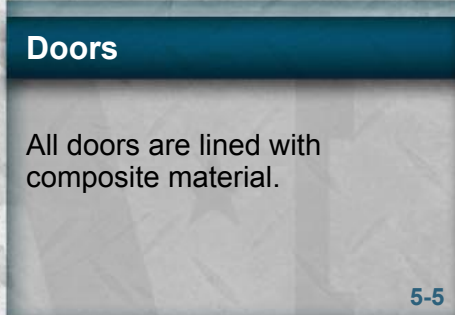


Floor

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

5-2

This Image is property of Alpine Armoring



Doors

All doors are lined with composite material.

5-5

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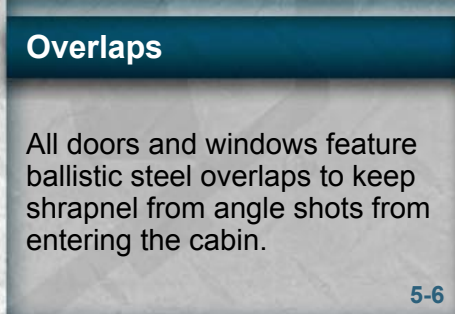


Exhaust Protection

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

5-3

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Overlaps

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

5-6

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TRANSPARENT ARMOR DETAILS

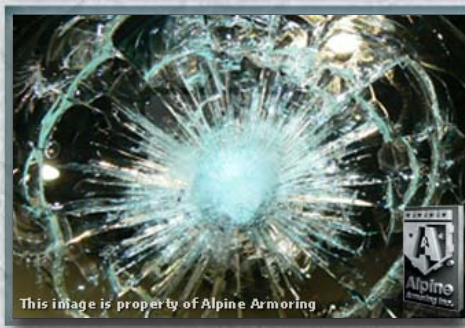
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Glass Thickness

Minimum 39 mm thick glass/
polycarbonate composite
transparent armor.

6-1



Anti-Spall Layer

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

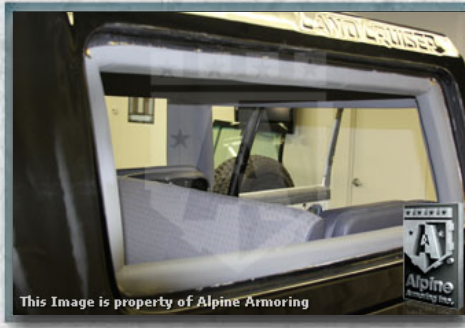
6-2



Multi-Hit Protection

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

6-3

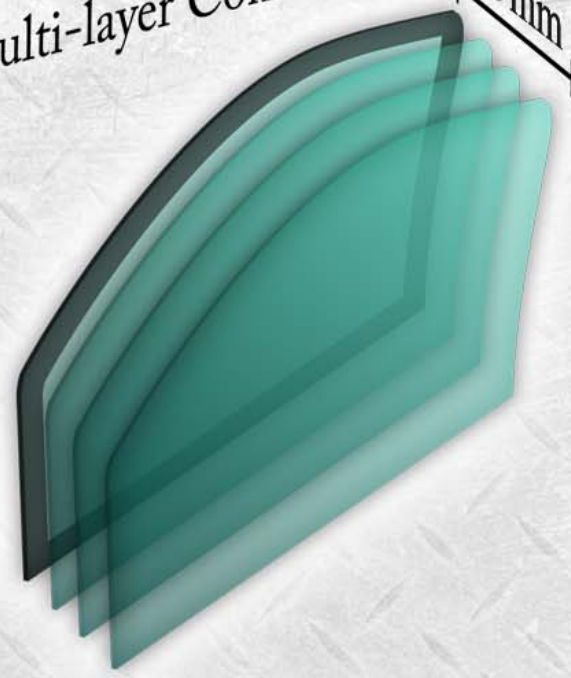


Anchored Windows

All windows are anchored for
additional protection from
explosions.

6-4

Multi-layer Construction 39mm



ADDITIONAL FEATURES



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6
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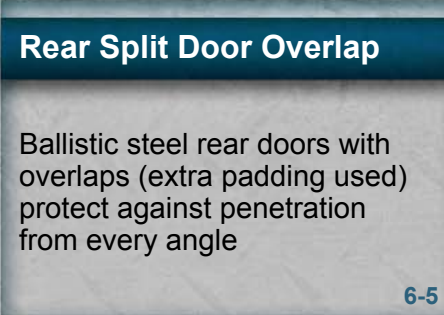


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Siren System

Located on the left of the center console. The siren features standard siren tones

6-1



6-5

Rear Split Door Overlap

Ballistic steel rear doors with overlaps (extra padding used) protect against penetration from every angle



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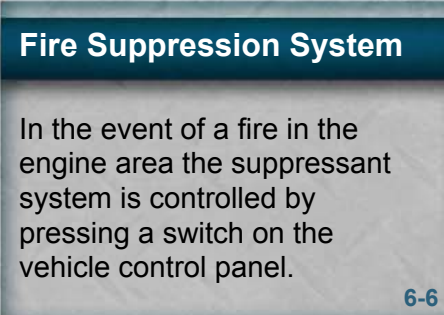


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Power Windows

The front two windows are powered and lower approximately 5-6 inches for documents pass-thru.

6-2



6-6

Fire Suppression System

In the event of a fire in the engine area the suppressant system is controlled by pressing a switch on the vehicle control panel.



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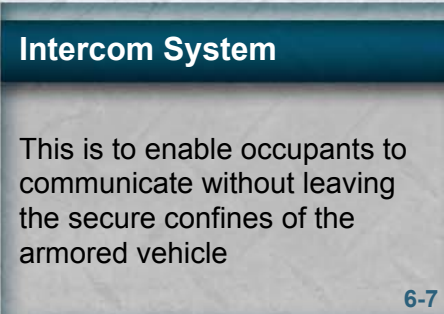


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Ignition Protection

Ignition distributor is encased in a ballistic steel box.

6-3



6-7

Intercom System

This is to enable occupants to communicate without leaving the secure confines of the armored vehicle



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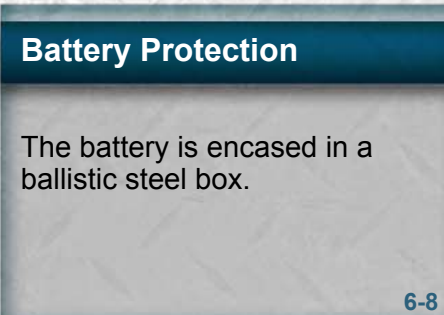


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Upgraded Suspension

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

6-4



6-8

Battery Protection

The battery is encased in a ballistic steel box.



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COMPLETED VEHICLE PHOTOS



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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

TOYOTA LAND CRUISER 3DOOR

This vehicle, as proposed to the client, would be under Alpine Armoring's premium warranty covering all its 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 worldwide, against any and all related manufacturer's defects, including parts and labor.

MANAGEMENT AUTHORIZED
ALPINE ARMORING INC.
HERNDON, VIRGINIA, USA

DATE ISSUED



9

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