

**TOYOTA LAND CRUISER HZJ 79  
CASH IN TRANSIT  
WITH BR4+ ARMOURING LEVEL**



# TECHNICAL DESCRIPTION

## DESCRIPTION OF CONVERSION

**BASE VEHICLE: TOYOTA LAND CRUISER HZJ 79.**






### Armoring Levels according to CEN 1063:

**Br 4+ level** in the whole perimeter of both zones (cabin and cargo area), including the roof of both mentioned zones.

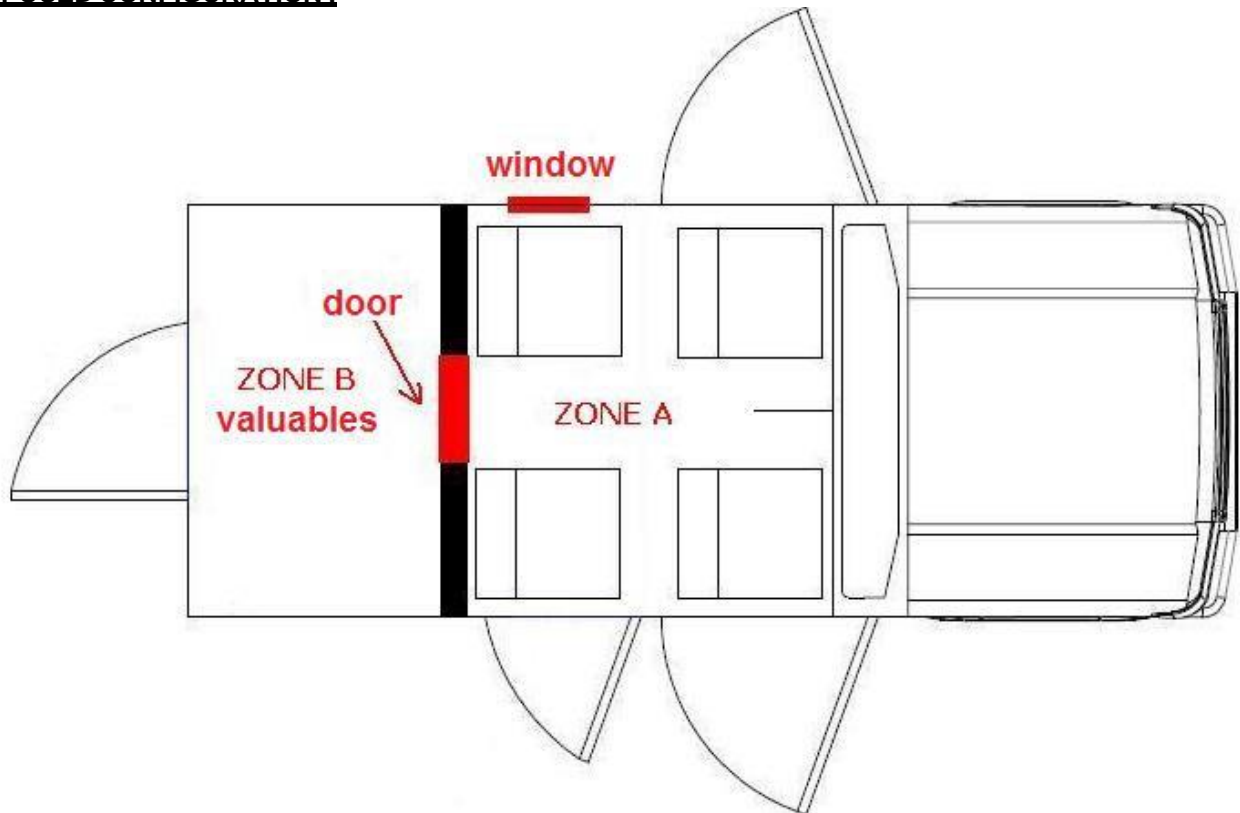
**B5 level** for the windshield and glazing.

**B3 level** for the floor of the vehicle and the separation wall between zones A (cabin) and B (cargo area).

**With this armour levels, we can guarantee the protection for the crew and valuables against AK-47 (Kalashnikov).**

Basic Ballistic Protection Levels According to EN 1063, 1522, 1523						
BR1 (B1)	BR2 (B2)	BR3 (B3)	BR4 (B4)		BR4+ (B4+) Reinforced	
5 ± 0,5	5 ± 0,5	5 ± 0,5	5 ± 0,5	5 ± 0,5	5 ± 0,5	5 ± 0,5
3	3	3	3	3	3	3
120	120	120	120	120	120	120
Carbine	Sub-machine gun	Revolver S&W	Revolver 6" S&W	RIOT GUN	Revolver 6" S&W	Carbine AK-47
22 LR	9mm PARA	.357 Magnums	.44 Magnums	CAL 12/70	.44 Magnums	7,62 x 39
L/RN	FJ/RN/SC	FJ/CB/SC	FJ/FN/SC	BRENNEKE (6) LEGIA	FJ/FN/SC	FJ/PB/MS
2,6 ± 0,1	8 ± 0,1	10,2 ± 0,1	15,6 ± 0,1	31,5 ± 0,1	15,6 ± 0,1	8,0 ± 0,1
300 ± 10	400 ± 10	430 ± 10	420 ± 10	420 ± 5	440 ± 10	700 ± 10
117	640	943	1376	2779	1510	1960
						
BR5 (B5)		BR6 (B6)	BR6 (B6+) Reinforced	BR7 (B7)	L Lead bullet RN Round noise FJ Full metal jacket bullet FN Flat nose CB Cone bullet PB Pointed ball MSC Mild steel core	
10 ± 0,5	10 ± 0,5	10 ± 0,5	10 ± 0,5	10 ± 0,5		
3	3	3	3	3		
120	120	120	120	120		
FAMAS	AK-74	Rifle FAL FN	FAMAS	Rifle FAL FN		
6 x 45 SS109	5,45 x 39	7,62 x 51 NATO	5,56 x 45	7,62 x 51		
VSCP1 SS109	FJ/PB/SCP2	FJ/PB/SC SS77M	FJ/PB/SC SS92- F1A	FJ/PB/HC1 P80		
4 ± 0,1	3,45 ± 0,1	9,5 ± 0,1	3,56 ± 0,1	9,8 ± 0,1		

## **PROPOSED CONFIGURATION :**



- ✓ Vehicle internally divided in 2 zones: driving cab for 4 people, and cargo area for the transport of valuables.
- ✓ Armor levels according to the European CEN 1063. As it was indicated above, we guarantee a protection against AK-47 (7,62x39mm) for the perimeter of both areas.
- ✓ Complete reinforcement of the front and rear suspension of the vehicle, adapted and customized, according to the new weight of the vehicle after the conversion, keeping the same original performance of the base vehicle.
- ✓ Doors equipped with mechanical security locks, with security key, and with additional inner bolts.
- ✓ Lighting system with LED lamps, independent for the driving cabin and the cargo area. Two lamps in each area.
- ✓ Heat and acoustic insulation in the driving cab, to ensure the best working conditions for the staff, inside of the vehicle. Insulation installed in more than 150 vehicles in all Africa.
- ✓ Floor completely armored in B3 level.
- ✓ External paint: one color, according to customer's specs (indicate RAL, PANTONE).
- ✓ Internal paint: grey color.
- ✓ Original Air Conditioner System of the base Toyota vehicle.
- ✓ Armoring of the fuel tank.
- ✓ Additional characteristics of the cabin doors: reinforced hinges, gun ports, armored glazing.
- ✓ Characteristics of the rear door: it can only be opened from inside of the vehicle, 2 internal bolts, to avoid it is opened by mistake. Gun port and small armored window. The doors has big size, to allow that one europallet is loaded.
- ✓ Characteristics of the communication door between driving cab and cargo area: security key, to avoid any unauthorized access. It will only have small armored window, if requested by the customer.
- ✓ Spare wheel installed inside of the cargo area.
- ✓ 2 folding seats in the driving cab, equipped with security belt.
- ✓ Armored window, where there's no lateral access door.
- ✓ Fire Extinguisher in the cabin.
- ✓ Anti-insert protection in the exhaust tube, to avoid that objects can be inserted.
- ✓ User and maintenance manual.



**DETAIL OF LATERAL DOOR WITH LOCK, SECURITY BOLT AND GUN PORT.**



**FOLDING SEAT WITH SECURITY BELT**



**DETAIL OF LATERAL WINDOW WITH GUN PORT.**



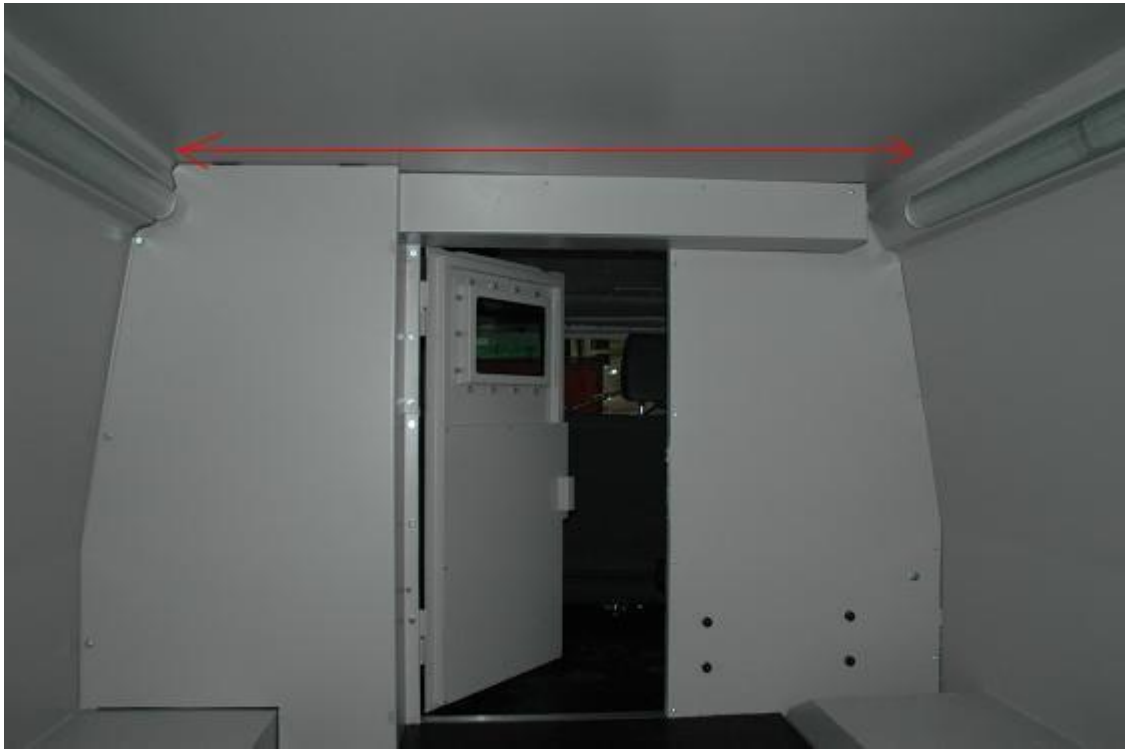


**LATERAL VIEW OF THE VEHICLE (CABIN)**



**GENERAL VIEW OF CARGO AREA.**





**DETAIL OF COMMUNICATION DOOR.**



**REAR DOOR WITH REINFORCED HINGES. ARMoured WINDOW AND GUN PORT.**

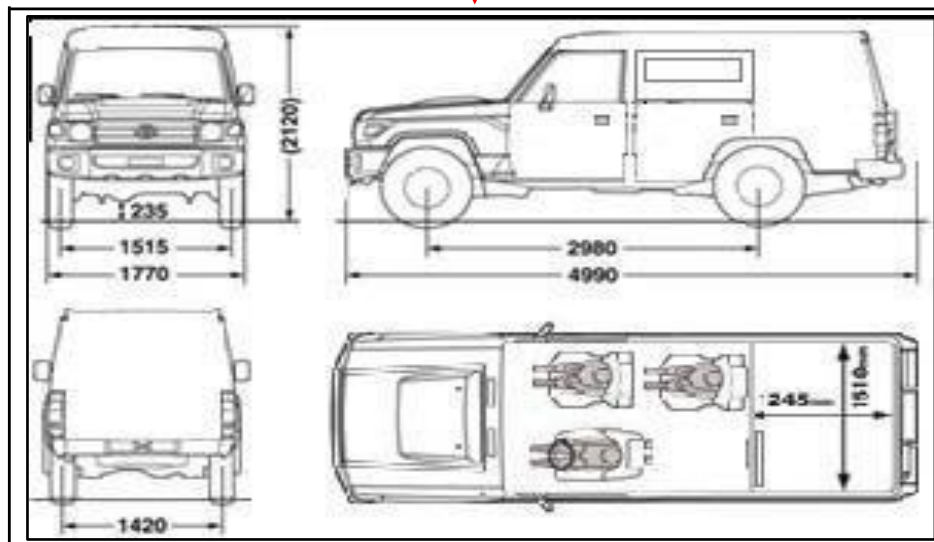
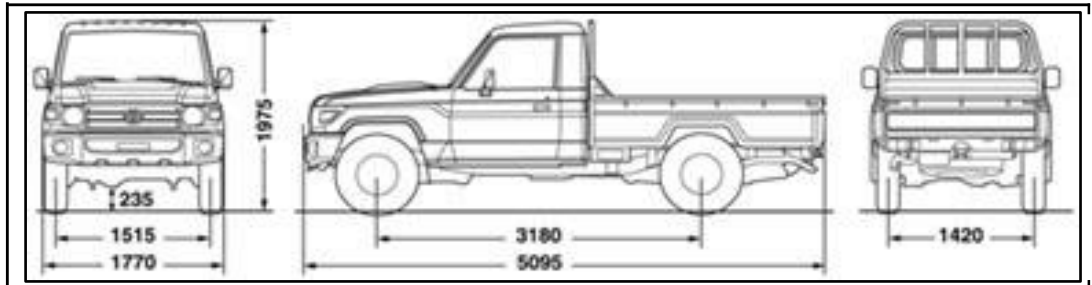


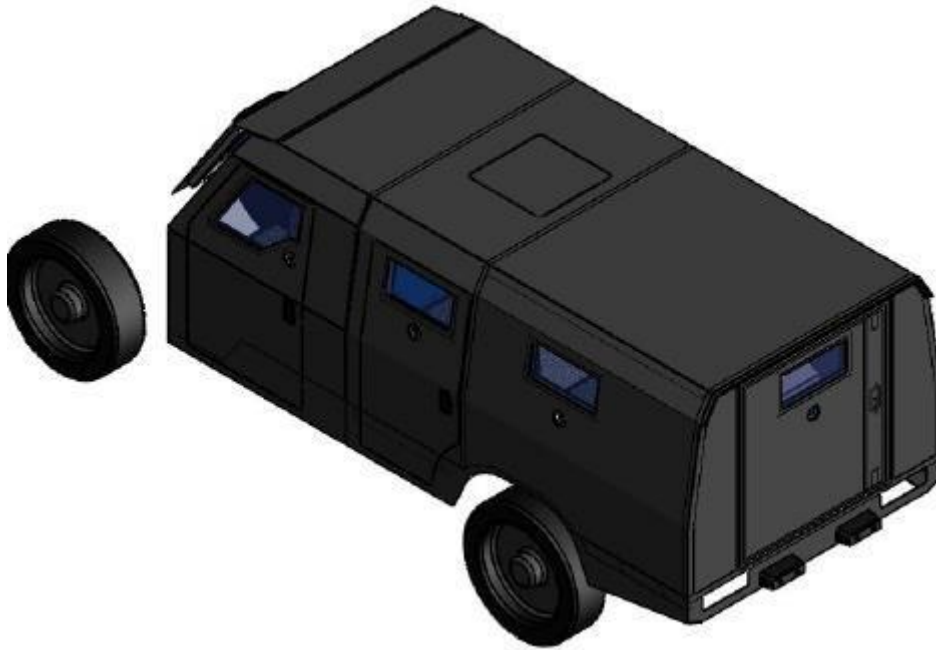
External aspect:



**Reinforced front bumper**

Base vehicle and conversion details:





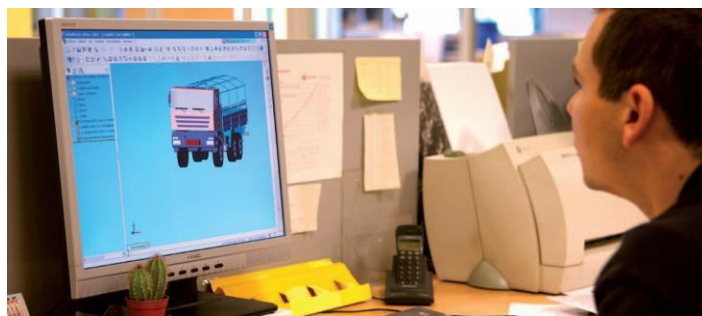
The armoured vehicle has the following equipment:

- ✧ Armoured Windshield of one piece and all windows in BR5 level.
- ✧ 5 Gun ports: 3 in lateral doors, 1 in lateral window and 1 in rear door.
- ✧ 2 Fire Extinguishers.
- ✧ Suspension and shock absorbers will be replaced by reinforced ones, specially designed for this application.
- ✧ Internal bolts in all doors, for a higher security.
- ✧ Protection in the Exhaust Tube.
- ✧ Snorkel.
- ✧ Reinforced Hinges in all doors.
- ✧ External aspect of the vehicle with corporative image of the customer.
- ✧ Rear door with special dimension and it can only be opened from inside.
- ✧ LED lamps in both zones.
- ✧ Armoured door with security lock to enter in the valuables area.
- ✧ Run-Flat system in all wheels.
- ✧ Reinforced front bumper (steel).



**EXHAUST PIPE (protected)**

**DETAIL OF RUN FLAT WHEELS:**



The design, conversion and armour of the vehicles are carefully studied in advance by our technical department, using the most modern software and our know-how.



### **Optional equipment, which can be requested by our customers.**

- Fire Extinguishing system in the engine bay.
- In – Out Intercom.
- Additional air conditioner in zone A.
- Rear camera and screen.
- Beacon lights on the roof.
- Escape hatch on the roof.
- Reinforced front bumper.
- Weapon holders.
- External Spotlights.
- CCTV System

### **WHY CHOOSING THIS VEHICLE?**

- Specially developed for Africa, strong and resistant.
- Vehicle for Africa and tested in Africa: currently used by many customers in the whole continent.
- Correctly armoured in BR4+ level against AK-47.
- Protection for the crew and valuables against the weapons used by gangs in Africa.
- Our vehicle has elements for additional security: security locks, internal bolts, armoured windows, reinforced hinges and gun ports.
- We ensure the best working conditions: lateral running boards, isolating materials, air conditioner and LED lamps.
- Protection for the valuables: security lock in access door, rear door can only be opened from inside.
- International after-sales service.
- Optional equipment, which can be supplied under request.
- Vehicle which can be easily driven.