



Making vehicles special

Offroad Ambulance: The WAS 4x4 Ambulance Toyota Land Cruiser.



WAS 4x4 Toyota Land Cruiser: An Off-Road Vehicle Concept that Arrives.



SHORT DESCRIPTION

With the Toyota Land Cruiser WAS 4x4 EN1789 ambulance, we have developed a vehicle that remains efficient and operational even in structurally challenging areas. The standardised WAS „plug and play“ box body concept allows the greatest possible flexibility and is easy to repair, because spare parts for the Toyota Land Cruiser are available worldwide. Our local partners are trained to repair the WAS conversion so that vehicle downtime is minimised.

Not only can individual panels of the box body be easily repaired, but the entire box body can be replaced and mounted on a new chassis. This increases the service life of the ambulance and reduces costs. A spare box can be held in stock by our local partners for fast exchange.



EXTERIOR

Super hot country box body aluminium sandwich construction with extra nano polyester coating to keep the surface clean. The box body is according to EN1789 and ECE R66 Roll Over test

Stand alone box: in case of full loss of the base vehicle, the box body easily can be put onto a new Toyota Land Cruiser chassis

Lightweight box body, especially developed for off-road applications by being torsion-stiff

Latest LED scene lights and warning flashers all around for 360° high visibility

2 grille and 2 intersection LED flashers

Two large rear entrance doors, to be opened by 270° to avoid crashes in heavy traffic situations. The doors also can stay open at 90° in narrow areas. Heavy duty hinges

Tinted window on the left side wall and right rear door

Heavy duty AC system

LED scene lights for illumination all around the ambulance

Spare wheel

Roof spoiler for aerodynamic driving behaviour

Reverse camera with LED monitor in the driver cabin

Snorkel, winch, metall slip sheet under the engine area



INTERIOR

High patient comfort through light and friendly interior

Bright LED illumination including blue trauma light

Stationary oxygen system

IV holder hooks integrated in the ceiling

Space saving furniture design by Auto CAD pre-engineering

No dirt traps, all junctions are sealed so no water ingress is possible. Chosen material is in accordance with the EN1789. No organic material in the conversion and even not in the floor for hygienical reasons

Spacious interior furniture design including a side seating bench

Anti slip floor covering, made from heavy duty vinyl

Defined place for medical equipment: Action wall, scoop stretcher in the compartment under the seating bench

Window between patient compartment and drivers cab

Option: Water heater in the right rear



The Toyota Land Cruiser 4x4 Ambulance: For Off-Road Missions Worldwide.



BASE VEHICLE

Modell	Toyota Land Cruiser 79 single cab pick-up, 3-seater (airbags, air conditioning, ABS)
Gearbox	5-speed, manual
Brakes	Front disc, rear drum
Drive type	4x4
Suspension	Front coil spring, rear leaf spring
Dimensions	L: 5,280 mm, H: 2,400 mm, W: 1,790 mm
Wheelbase	3,180 mm, ground clearance: 235 mm
Unladen weight	2,140 kg
Gross vehicle weight	3,200 kg, payload: 1,060 kg
Seats	3-seater, material: vinyl
Engine	Model 4.164 cc, Diesel (tank 90 + 90 l), 6 Cylinder, HP: 129, KW: 96, Cooling (water), Electric 12 Volt. The engine is also available as petrol engine
Number of doors*	2

* Specification is subject to availability of base vehicle in country of destination and options selected.

The medical equipment is an example and can be adapted to your requirement.

SPECIAL FEATURES

The complete vehicle conversion is according EN1789
All relay controls are simple and reliable, easy to service worldwide

The complete vehicle conversion is made from organic-free materials: no defects in the material, no germ formation, no fluid ingress into the floor and furniture, no funghi growth

With its special material, box body construction and 2 independent air-conditioning units, the vehicle is perfectly adapted to hot countries

The single panels of the box body can easily be repaired.
The complete box body can be exchanged and put on to a new chassis. This increases the life time of the ambulance unit and reduces the costs

BOX BODY

Internal dimensions	Length:	2,325 mm
	Width:	1,608 mm
	Height:	1,580 mm

Vehicle overall dimensions	Length:	5,290 mm
	Width:	1,686 mm
	Height:	2,450 mm

