

PROFESSIONAL BODY AND CONVERSION SOLUTIONS FOR VOLKSWAGEN COMMERCIAL VEHICLES



TAMLANS

VOLKSWAGEN AMAROK

TAMLANS – CONCEPT



The combination of the chassis with the modular ambulance body is unique. The 190 kW engine power combined with the eight-gear automatic transmission and four-wheel drive gives the opportunity for rapid movement on both asphalt roads and forest trails. The driving characteristics are in a class of their own, even in harsh conditions.

Amarok has been designed with easy access to service points, as well as with adequate facilities for the treatment equipment. No compromise has been made in the patient compartment, with plenty of space in all directions. The composite ambulance body will not rust and it can be transferred to a new platform in the event of a collision and damage to the cabin or if the chassis has to be renewed.

BASELINE CONFIGURATION

- Models:**
- Volkswagen Amarok DoubleCab 2.0 TDI (F-63, F-34 (JP-8) + additive)
 - Volkswagen Amarok DoubleCab 3.0 V6 TDI
- Engines:**
- Volkswagen 2.0 I, 4-cylinder, EURO 3, 4, 5 turbocharged and intercooled diesel
 - Volkswagen 3.0 I, V6, EURO 5, 6, turbocharged and intercooled diesel
 - 103, 132, 150 or 190 kW
 - 340 - 500 Nm
- Gear box:**
- 100% Electronic rear differential lock
 - Manual 6 speed, Hi/Lo gearing
- Drive line:**
- 4 WD selectable (4MOTION)
 - 16 inch chassis
 - ESP (Electronic Stabilisation Programme)
 - Hill Hold Assist, Hill Descent Control
 - ASR (Anti-Slip Regulation)
 - Special offroad ABS

VOLKSWAGEN AMAROK

THE SAFETY



The Monocoque structured modular body is secure and tested in many ways.

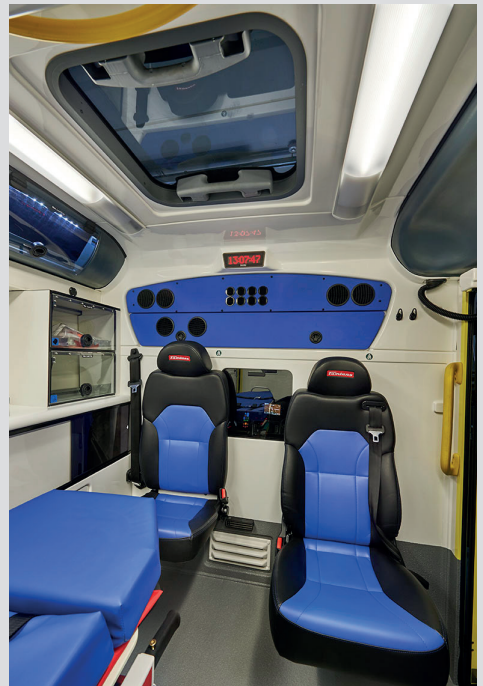
Tests have been performed with load simulations and in practical security tests in various research institutes. The monocoque conforms to EN 1789 standard.

The body withstands high point loads and retains its shape, even following severe collisions or rollovers. The body structure is strong and lightweight. This means a good load-bearing capacity and lower fuel consumption.

The driving characteristics are in a class of their own, even in harsh conditions.

Volkswagen Amarok has enjoyed success since its very first presentation. Combining of the chassis with modular-structured ambulance body is unparalleled in the world. Driveability is excellent even in the harshest of conditions. No compromises have been made.

- All devices and supplies are within arm's reach.
- All devices are available quickly and easily without removing the seat belts.



VOLKSWAGEN AMAROK

THE INTERIOR



The design of Amarok has been built on the idea of providing paramedics with the best ergonomics and safety as possible. For each treatment and patient transfer device, there is an appropriate place from which they are available quickly and easily. Particular attention is given to safety. All devices are located within arm's reach so that the seat belt does not need to be removed during transport.

ERGONOMICS, USABILITY AND SAFETY



VOLKSWAGEN AMAROK

THE INTERIOR



EQUIPMENT COMPARTMENT 1, THE LEFT FRONT.

Oxygen bottles, safety devices and protective equipment are placed on the left front door.

EQUIPMENT COMPARTMENT 2, THE LEFT BACK.

Triage bag, warning devices and care bags.

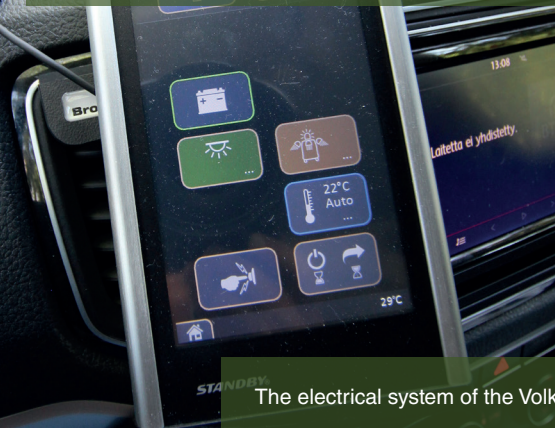
EQUIPMENT COMPARTMENT 3, THE RIGHT BACK.

The patient support devices are placed on the back door on the right.



VOLKSWAGEN AMAROK

INTUITIVE ELECTRICAL SYSTEM



The electrical system of the Volkswagen Amarok Tamlans is intuitive and easy to use.

On the touch control panel there is a button for starting the siren and emergency lights without lifting the gaze from the road.

Touch control panel is in the patient compartment where it is used to manage a large number of vehicle functions.

THE FEATURES INCLUDE:

- battery voltage monitoring and prioritised voltage alert
- fault diagnostics
- automatic patient space temperature monitoring and control
- extensive control of patient space lighting
- start prevention and air heater shut-down after 230 V connection
- automatic 230 V disconnecting when starting
- door monitoring
- seat belt warning lights for all the passengers
- extensive control of siren and emergency lights
- work lights control



When the front and back lights are switched off, all the lights in cabin and treatment space and also lights in and outside the vehicle are being switched off at the same time from the same on/off switch.

VOLKSWAGEN AMAROK TESTING AND APPROVALS



The Amarok ambulance is in daily use by numerous satisfied customers in several countries in demanding emergency service tasks.

The Volkswagen Amarok Tamlans ambulance has undergone the test and inspection programme of the Product Development Department of Volkswagen AG (UBB).

The module body ambulance has also gone through a quality control programme in terms of the quality of the modification and its suitability for the original vehicle. In addition to the technical inspection, the car passes demanding driving tests in which controllability, manageability and the traffic safety of the modified vehicle are examined.

The fundamental purpose of UBB is to ensure that the vehicles that have been significantly modified from the original vehicles are at the level required by Volkswagen in terms of quality, manufacturing technology and, above all, traffic safety; and the modifications made in the vehicle do not impair the vehicle's original characteristics.

Volkswagen Amarok Tamlans ambulance has been granted Volkswagen AG's UBB-certificate.

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The body builder Tamlans is a Volkswagen Commercial Vehicles Partner.

Tamlans is the manufacturer responsible for any modifications/conversions, Volkswagen AG is not. Volkswagen AG does not assume any responsibility or liability for any negative effects that may result from modifications to the vehicle. Subject to modifications and typographical errors.

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