



Ambulance

Operating Instructions

VOLKSWAGENWERK AG WOLFSBURG

**The descriptive Ambulance corresponds to the German DIN 75 080.
It differs from the standard design by the following additional equipment:**

- | | |
|---|---|
| 1 - Attaching possibility for German unit stretcher, hollow frictional basket, USA and ISO stretcher. | 5 - Bag for kidneys flat. |
| 2 - An issuing window at the front wing door. | 6 - Bag for urine bottle. |
| 3 - Window protection pipes at the front wing door. | 7 - Mounting plate for hatchet. |
| 4 - Mounting plate for first aid kit according to DIN 13 153 under the pad seat with folding seat-back. | 8 - Mounting plate for spades. |
| | 9 - Windshield wiper system. |
| | 10 - Door linings in the driving cab made from humidity resistant material. |
| | 11 - A tow-hook in front and at the back. |

You find all worth knowing one over the operation as well as over maintenance and lubricating services of your vehicle in detail described in the manual. In this booklet from there the special-sound are represented and described the interior equipment of the Ambulance and in this connection necessary operating instruction excluding.

Stretcher armchair

The stretcher armchair is taken up head and backrest as upholstered chairs with adjustable arms. It slides along a rail, which permits any shift of the armchair, and can be lifted using the four locking positions.

Stretcher armchair take out

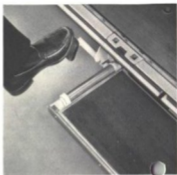
- 1 - Lateral ones double for complete open. In order to be able to open the right door half completely, the pin at the door retaining strap must be raised and the door retaining strap be put out.
- 2 - Lift up the lever for the seat adjustment. This allows the armchair to move freely in the rails.
- 3 - Pull the Stretcher armchair forward and pull the front and rear grasps out of the guide tubes.



- 4 - Lift out the Stretcher armchair from the vehicle.

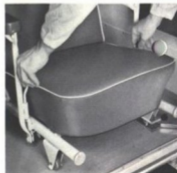
Stretcher armchair packing away

- 1 - Open the footboard by pushing your foot on the pedal. When the side door is closed the footboard is secured in position to prevent unintentional opening. =>
- 2 - Lift the armchair into the vehicle with the seat-back first and onto the sliding rail.
- 3 - Rest pins for the protection of the rear grasps down-press and the grasps in up to the attack push.
- 4 - Push armchair into the desired position in the car and by using the surrounding locking grasps.
- 5 - To push the grasps in first push the pins in which will allow you to push the grasps in. =>
- 6 - Push the footboard back in until it stops.



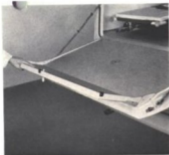
Stretcher armchair reclining seat adjustment

- 1 - Pull up the buttons underneath the arm rests until they unlock. =>
- 2 - The backrest can be adjusted to three Positions.



Link stretcher

Left stretcher removal



1 - Open tailgate. The Tailgate can be supplied when desired with an extension.



2 - Swivel upwards the Locking handles for the stretcher.

3 - Pull out the stretcher to the rear.



Left stretcher push in:

- 1 - Lift the stretcher with the front castors (head) onto the rear wall flap and push the stretcher in using the front carrying handles.
- 2 - Align the castors at the head of the stretcher into the guide rail and push the stretcher into the vehicle, until locking engages.
- 3 - Push the rear carrying handles in.

Note:

All stretchers ability described in this operating instruction also with that base to be first pushed in.





Right Stretcher:

The right stretcher is folded up and buckled on at the right side panel of the structure with a belt.

Right Stretcher Take Out

- 1 - Unfasten the stop belts.
- 2 - Lift out from the vehicle and unfold.
- 3 - Swing out the castors until they engage into the mounting plate =>



Right stretcher push in

- 1 - Fold down the seat-back of the pad seat.



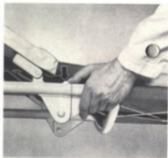
- 2 - Fold the stretcher support table into position and secure it into the floor Inserts.
- 3 - Push the right stretcher into the vehicle in the same manner as the left stretcher.

Right stretcher lay together

- 1 - Pull the castors towards the head of the stretcher and swing inwards.



- 2 - Press down the safety device levers and fold the stretcher up.

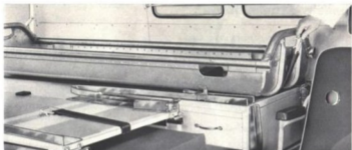


Unit Stretcher



Accommodated in the case of need ability in place of the stretchers belonging to the standard equipment of the ambulance (DIN 10 025) also unit stretchers (DIN 13 024) in the vehicle.

And having of the unit stretcher on the left stretcher table is the same as those the stretcher according to DIN 13 025. On the right stretcher table the single becomes day to basing with the elastic strip attached apart from locking fastens.



Hollow Frictional Basket push in.

Hollow Frictional Basket.

In place of the normal stretchers can be accommodated alternatively to two Hollow Frictional Baskets in the Ambulance. For fastening the hollow frictional baskets are special elastic strips and eyes to the head and base of the stretcher tables are available.

- 1 - Elastic strips at the stretcher table unhook ready for replacement.
- 2 - Guidance handles of the accumulating rail put forward (only at the left to carry table).
- 3 - Lift the hollow frictional basket with the head on the rear wall flap and push in the carrying handles in on this side.
- 4 - Push the frictional basket into the vehicle.
- 5 - Secure the frictional basket with the elastic strips to the head and base using frictional basket hooks.



The USA and ISO Stretchers

The equipment of the ambulance according to DIN 75 080 makes possible also the accommodation of the USA and ISO stretchers, however the stretcher armchair must be taken out in both cases.

For the admission of these stretchers having the stretcher tables by guide rails to be extended.

USA stretcher push in

1 - Removal of the patient armchair from the vehicle.



2 - Guidance handles of the approach rail swivel forward (only at the left stretcher table).

3 - Pull out the clips from the guide rails on the left of the stretcher table and raise. Support into position and secure it into the floor inserts.

4 - End to stop for USA stretcher into the guide rail swing (link carry table).



5 - Fold down the backrest of the upholstered chair.

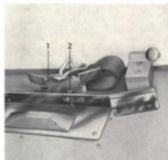


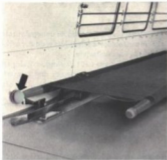
6 - Right stretcher table extension upward swivel, bolting device of the guide rails solve and guide rails up lift, stretcher table extension completely forward swivel and all supports into the appropriate position and secure it into the floor inserts.

7 - Attachment for USA stretcher swing (right stretcher table).

8 - Stops belts for the attachment of the stretcher arranged at the right vehicle wall unfasten and stretcher from the vehicle for removal.

9 - Springy barrier for the standard stretcher according to DIN 13,025 (1) back and closes lever swivel upward (2) presses. The USA stretcher is slid into the same way as the previously described stretchers. It is fastened to base with the elastic strip and attached at the stretcher table by hooking to the carrying handle.





ISO stretcher Packing away. In the case of use of the ISO stretcher, the stretcher tables are to be extended in the same way as for the USA stretcher, without swinging the attack into the guide rail. The ISO stretcher is pushed in to a complete stop to the end of the guide rail and fastened then like the USA stretcher to the base with the elastic strip.



Note:

If only the left stretcher is to be used, it is not necessary to turn down the right stretcher table with guide rails forward.

If a USA or an ISO stretcher is used only on the right stretcher table, then the stretcher armchair can remain in the vehicle.

Folding seat:

The folding seat is in such a way arranged that it can be used with all of the described stretchers in use.

With leg injuries it can be used if necessary both by the stretcher armchair and from the armchair facing in the driving direction as well.



Ventilation:

The ventilation of the entire vehicle interior is controlled from the ventilation accommodated in the driver area. The two blowers built into the riser supply a sufficient amount of fresh air not only during the trip, but also whilst stationary. With a lever which can be reached comfortably (A), which at the left side of the riser is located, the ventilation is opened. The fresh air quantity flowing in lets itself adjust by three detents at will. Position 1 releases the full admission of fresh air, with position 2 is closed the shut-off valve.

With the help of DS of toggle grasp (B) at the lower surface of the riser the fresh air is distributed on drivers or patient area. If the grasp stands in transverse direction, then all fresh air flows into the driver area, stands it in longitudinal direction, then only the patient area is supplied with fresh air. Intermediate positions between the end stops make simultaneous freshness for air inlet possible into both areas.

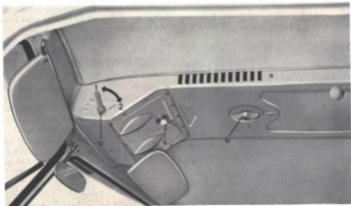
A use of the blowers is only necessary while stationary and/or during a slow trip.

Before use, move the air shut-off valve to the open position (lever a).

Rotary switch (c)

- On position 1 full number of revolutions
- On position 11 half number of revolutions
- On position 0 switched off

With the blowers in use a red indicator light is displayed in the blowers switch.



Protection

The protection for the two blower engines lies in a plastic housing behind the instrument panel. During burning the protection through the cause of the short-circuit and/or the overloading should be always determined.



Heating

The warm air heating of the car is switched on and off with the turning grasp right underneath the driver's seat. For the heating of the patient area a hot-air distributor is inserted, which is operated with the pull button to the left of the medical cabinet. With position 1 the heating of the patient area is switched on; with pulled out pull-switch (position 2) excluding the driver area with warm elevator one supplies (discharge opening A).

When desired as optional extra a stand heater (designed by Eberspacher) is made possible provided also with standing vehicle the heating of the patient area (discharge opening B):



Electrical Equipment

Search Light

The Helphos search light is appropriate at the right windshield. It lets itself use as Searcher in the vehicle as well as in the hand to search outside of the vehicle.

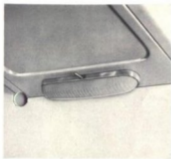
The lead can be pulled out in addition by the slot in the instrument panel and be pushed in after use again. It may not be shortened. The Searcher works only at switched on vehicle lighting.



Back-up light

The back-up light is positioned over the left brake and flashing tail light. It lights up automatically, if the reverse gear is inserted.





Interior lighting

For the lighting of the car interior a dome lamp is positioned at the rear wall of the driver area as well as at the foremost and rear wall of the patient area.

The dome lamp in the driver area and at the front embankment of the patient area lets itself be operated by a rocker switch, which is arranged at the light, switch on and off.



The dome lamp at the rear wall of the patient area is operated by a three-stage rocker switch (1) at the instrument panel left served underneath the speed measurer:

- Position a - half luminous intensity
- Position b - Full luminous intensity
- Position c - out

Marking as Ambulances

The light for marking as ambulances, appropriate over the driving cab, is operated with the rocker switch (2) at the instrument panel left switched on underneath the speedometer.

Alarm Installation

The alarm installation - blue light and additionally to the normal city horn of two low tone horns - is supplied when desired as optional extra. The three switches for the operation of the plant are in such a way arranged, which they can be reached both by the driver and from the front seat passenger comfortably.



With the toggle switch to the left of the ashtray the following signal stages can be adjusted:

Position 0 city horn

Position 1 Alarm

Two-sound clay/tone sequence
and blue light

The respective signal is released by manipulation of the signal button (horn push). In order to bridge the starting time of the clay/tone sequence, however Alarm* of the toggle switch remains with manipulation of the signal button the city horn with switching on also with position.



With the pull-switch 1 right beside the head light switch the rotary blue light can be switched on also with position 0 of the toggle switch. With switched on blue light a orange indicator light 2 lights up above the head light switch.

The switch on the far right of the pull-switches operates the Alarm.

The front seat passenger can operate the Alarm* toggle switch (clay/tone sequence) or it can be constantly (continuous alarm) switched on.

Note:

Only with the towing bracket two further indicator lights are present in the instrument panel. The left indicator light is red for the turn signals of the supporter, the yellow lamp right for one possibly at the supporter existing tire guard.

Safety devices The city horn and the two low tone horns are secured with a common protection in the fuse box under the rack.



The protection for the rotary blue light in a plastic housing behind the instrument panel.

Sliding window:

A communication between drivers and patient area is possible by the pushing window in the centre of the glass partition. The window is protecting against automatic opening the trip secured.

For the communication with the driver one



pushbutton each is attached at the right and left side panel in the patient area above the two stretchers, which releases the buzzer in the driving cab when pressed.

Plug Socket:

For the hook-up of a hand light a plug socket is attached. under the rack right beside the fuse box.

Other equipment:

At night the glass partition can be masked off with a sprung roller blind, so that while driving the lighting can remain switched on in the patient area, without the driver being dazzled.



Draw hook :

At the front and back of the Ambulance is one draw hook each.



Fuel valve:

The fuel valve is operated with an pull button from the driver's seat. The three positions mean:

1 - Opened 2 - Reserve 3 - Closed

Generally the cock is to thus be opened, completely pushed in. When the engine begins to stammer due to lack of fuel, pull the button completely out. The then existing reserve of 5 Litres is enough for approximately 50 km trip. After each refuelling the button is to be pushed in again to a complete stop.

**First aid kit:**

A first aid kit according to DIN 13 158 can be accommodated in the patient area under the upholstered chair in a mounting plate, in driving direction. During the standard type the first aid kit under the left stretcher table is accommodated.

**Hook for infusion bottles:**

At the middle roof bows are over the stretcher tables two-hooks for attaching infusion bottles.

Roof antenna :

For the equipment of the Ambulance with radiogram plant a zipper is located in the roof lining for the installation of the roof antenna.



Spade

For the location of a short spade an appropriate mounting plate is behind the stretcher armchair.



Hand axe

A mounting plate for the location of a hand axe is positioned in the driving cab behind the seat-back of the driver's seat.

Care references

Tire pressure

The ambulance can be driven with somewhat lower air pressure, than for the remaining transporter models prescribed **1.8 bar on all riding including spare wheel.**

Care of the imitation leather

The entire patient area is fitted with imitation leather, which can be cleaned by using a soft rag or a soft brush. In the case of strong contamination to the imitation leather, cleaning by washing off the contaminated part with a soft hand brushes and lukewarm detergent solution. Each imitation leather part is to be rubbed after washing with a soft rag to dry.

One should wipe fat or colour marks off, before they dry. Drawn in marks can be carefully removed with a rag, which is dampened with gasoline or white spirits. One eliminates marks by coloured shoe polish with turpentine oil. Longer effect of these means can the dust-rejecting protective layer of the imitation leather dissolves and should thus be avoided.

Solvents like trichloroethylene or lacquer thinners may not be used for the cleaning of the imitation leather. The same is valid for preservatives or care waxes, since these do not draw into the material, but only the bind the dust and thus cause the surface gets dirty.

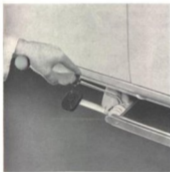
Footboard lubricate

The footboard is to a large extent protected from the effect of dirt and splash-water.

Regular lubrication of the guide tubes, the camp pipe for the pedal and the joints of the footboard protection keeps the footboard low-friction.

Before lubricating, the tubes should be cleaned carefully with a rag.

The rear ball oilers of the guide tubes are by two holes in the footboard for easy accessibility.



Water boot gutter clean

Water, which collects in the catch gutter underneath the rear tail gate, is led away by two expiration pipes in the open. It is advisable to check these expiration pipes and the gutter in certain time intervals for free passage.



Standard scope of supply of the Volkswagen Ambulance general equipment:

Ivory.

Chromium plating door handles and wheel Covers.

Lateral two-wing door and rear wall loading door.

Light for marking as ambulance on the roof.

Reversing Light.

Issuable footboard with protection.

Equipment of the patient area:

Floor space and tail for with linoleum surface.

Side panels and roof with washable wall lining from crème imitation leather.

6 unpolished side windows.

2 fixed glass partition with sliding window between driver and patient area.

Roller blind for darkening between drivers and patient area.

Roof ventilation with electric drive for trip and conditions.

To operate warm air heating in the patient area.

1 support rod beside right and left stretcher.

Remote light switch for the patient room Lighting.

Call plant (buzzer) (DIN 13 025).

1 padded stretcher armchair on castors (take out bar).

Removable pad seat with folding seat-back.

1 folding seat at the driving cab rear wall.

1 medical cabinet.

1 drawer.

Entrance grasp in the patient area at driving cab rear wall.

Zipper for antenna installation.

2 hooks for infusion bottles.

Federation rail file of window protection pipes.

Mounting plate for First aid kit according to DIN 13 159.

Equipment of the driver area:

Central instrument with adjustable lighting.

Fuel gauge.

Search headlight .

Switch for the patient room lighting

Turning grasp for warm air heating of adjustable distributors for window defrosting or floor space heating.

Plug socket.

Duplicate key system for doors and ignition starter lock.

Rack installation possibility for radio set.

Fuel valve.

Additionally Options to be supplied for additional price :

M150 Mounting plates and stretcher table extensions for different stretchers.

Attaching possibility for hollow frictional basket.

1 opening window at the front wing.

Door mounting plates for first aid kit according to DIN 13 159.

Under the upholstered chair with folding seat-back, bag for Kidney Dish, bag for urine bottle.

Mounting plate for hatchet.

Mounting plate for spade.

Windshield wiper system.

Door linings in the driving cab made from humidity resistant material.

A tow-hook at the front and in the back

M151 Eberspacher heating

M152 Extension for rear loading door

M160 Eisemann (ice man) blue light on the roof and Bosch doubling on hornplant

M208 Towing bracket