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WHY THIS HANDBOOK IS SO IMPORTANT!

This handbook contains the information which you, the driver, will need for optimum efficiency, safety and comfort when operating this vehicle.

Besides giving instructions about operation and use, it also pays attention to maintenance and minor repairs which you may be able to carry out yourself.

Note:

This handbook is based on the chassis with its fittings as it originally left the factory.

Depending upon the required body and equipment, the bodybuilder may have made fundamental changes to various parts or systems, such as the instrument panel, the lighting or the electric wiring.

The vehicles covered by this handbook consist of various types and models. Individual vehicles are furthermore constructed in accordance with the legal regulations in the country concerned and in accordance with the expected operating conditions. Certain descriptions or illustrations in this handbook may therefore not correspond entirely to the situation on your own vehicle. However, this has practically no influence on its operation or maintenance.

Important

Make sure this handbook is in the vehicle at all times.

Read it carefully **before making your first journey**, especially the "**Warnings and safety precautions**", "**Cab, instruments and controls**", "**Inspections and maintenance**" and "**Driving**" sections.

Warnings and Safety Regulations

Warnings and Safety Regulations



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WARNING SYMBOLS

To ensure the highest level of safety in the operation of your vehicle, various warnings are included in this handbook. Each warning is indicated by a special warning symbol.

When text is accompanied by the adjacent warning symbol, this indicates that the information in question is very important for the health and/or safety of those concerned.

Disregarding this information may result in serious damage, injury or even death.

Warnings and Safety Regulations



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When text is accompanied by the adjacent warning symbol, this indicates that the information in question is very important for the operating safety of the vehicle.

Disregarding this information may result in the loss of directional stability, steering problems or the vehicle otherwise getting out of control, causing serious damage, injury and other life-threatening situations.

Warnings and Safety Regulations

WARNINGS AND SAFETY REGULATIONS



To prevent damage to the vehicle and in order not to jeopardise your health and/or safety, or that of other people, the following warning and safety regulations must be strictly observed.

First read the instructions and warnings on the labels and stickers on the various components and comply with them!

They have been put there for your health and safety, so do not ignore them!

Modifications to the vehicle

Modifications to the vehicle or the vehicle configuration may require the reprogramming of electronic units by an approved an authorized dealer.

Engine

Do not run the engine in an enclosed or unventilated area.

Make sure exhaust gases are properly extracted.

Components

Remain at a safe distance from rotating and/or moving components.

Cooling system filler cap

Do not remove the filler cap of the cooling system when the engine is at operating temperature. Do not loosen the filler cap of the cooling system when the cab is tilted.

Warnings and Safety Regulations

Warning triangle

Ensure that you are always in possession of a hazard warning triangle (obligatory in certain countries), possibly in combination with other marking equipment.

In the event of a breakdown en route, wear reflective clothing when outside the vehicle.

Fire extinguisher

Ensure that you are always in possession of a fire extinguisher (obligatory in certain countries). It should be well secured under the seat, within the driver's reach and easily accessible, also for rescue workers and others providing assistance. Have the fire extinguisher checked for operational readiness each year. If it has been used, have it refilled at the earliest opportunity.

In the event of fire:

In the event of a fire, certain plastic seals can produce gases which together with water form a corrosive acid. Therefore do not touch any fire extinguisher fluid on the vehicle without protective gloves.

Cab

Make sure there are no loose objects on the floor on the driver's side. Bottles, cans etc. may get stuck under the brake pedal while driving, giving rise to extremely dangerous situations.

While driving, do not use the clutch pedal as a footrest since this may cause excessive wear of the clutch.

First aid kit

Ensure that you are always in possession of a first aid kit (obligatory in certain countries). Replace first aid items as soon as possible after use to make the kit complete again.

Warnings and Safety Regulations

Winter conditions

When winter driving conditions are expected (especially if the vehicle is operated in mountainous areas), make sure that your vehicle is fitted with winter tires or that you have snow chains with you. Also refer to "Maintenance operations before the winter season" in "Inspections and maintenance".

Load

The load should always be properly secured so that it cannot move, not even during an emergency stop. Remember that sidewalls, partitions, etc. are often not designed to withstand high forces.

Loads must not project more than is permitted by local regulations.

Bear in mind that the stability of the vehicle may be impaired by the load and that you may also need a larger turning circle.

Make sure when loading that the following values are not exceeded:

- maximum permissible gross combination weight (GCW)
- maximum permissible gross vehicle weight (GVW)
- maximum permissible axle load

Oils and lubricants

Various kinds of oil and other lubricants used on the vehicle may constitute a health hazard if they come into contact with the skin.

This also applies to engine coolant, windscreen washer fluid, refrigerant in air conditioning systems, battery acid and diesel fuel.

So avoid direct contact as much as possible.

The engine and the surrounding area must be free of inflammable materials to avoid the risk of fire.

Exercise caution when changing hot oil; it can cause serious bodily injury.

Warnings and Safety Regulations

Maintenance activities

When carrying out maintenance work under the cab, make sure the cab is fully tilted and locked to prevent it from falling back accidentally.

If a cooler box/refrigerator has been fitted, it should be switched off and if necessary unplugged before tilting (depending on the type).

The cooler box/refrigerator should remain switched off at least 30 minutes after the cab has been tilted back.

Following a collision, only tilt the cab in an **emergency situation**.

The tilting mechanism may be damaged.

(The end stop may no longer be on the lifting cylinder.)

Always use stands to support the chassis when carrying out work under a vehicle which is resting on a jack.

Warnings and Safety Regulations

Maintenance of air conditioning system

The air conditioning system contains coolant under high pressure. Removal of any parts of the air conditioning system is not permitted. Work on the air conditioning system may only be carried out by qualified personnel.

If the air conditioning fails to work, it must be repaired by a dealer as soon as possible, to avoid further damage to the system.

Environment

Pollution constitutes a serious threat to the environment. To keep pollution to a minimum, the following rules should be observed:

- Do not dump used oil, fuel, lubricants, hydraulic fluid or coolants in drains, sewers, in landfills or on the ground. This is illegal. These fluids should be returned to the designated authority or appropriate chemical waste collection company for recycling or destruction. All used fluids should be stored separately.
- Make sure that the vehicle is serviced regularly according to the instructions and recommendations. A properly serviced vehicle helps to optimise fuel economy and reduce the level of harmful constituents in the exhaust gases.