



Practical instructions for

maintenance and service of ALUCA equipment

**In-vehicle racking systems
made of 100% aluminium**

Technical notes

All pre-assembled equipment is provided with a load sticker (Item no. 109404). These are clearly visible on the equipment or on the vehicle.

The labels provide information on how our products, as well as lashing points retrofitted by us, should be loaded.



ALUCA		ALUCA	
LADEGEWICHTE bei flächiger Beladung		LOAD WEIGHT with flat loads	
80 kg	Schublade - ALUCA dimension2	Drawer - ALUCA dimension2	
40 kg	Schublade - System ALUCA mit Aluminium-Vollauszug	Drawer - System ALUCA with aluminium full extension	
80 kg	Schublade - System ALUCA mit Stahl-Vollauszug bis Breite 950 mm	Drawer - System ALUCA with steel full extension width up to 950 mm	
60 kg	Schublade - System ALUCA mit Stahl-Vollauszug ab Breite 950 mm	Drawer - System ALUCA with steel full extension width from 950 mm	
20 kg	Koffertablar	Case pullout	
40 kg	Fachboden ohne Verstärkung	Shelf without reinforcement	
60 kg	Regalfachboden / Fachboden mit Verstärkung bis Breite 950 mm	Shelf compartment base with reinforcement width up to 950 mm	
45 kg	Regalfachboden / Fachboden mit Verstärkung ab Breite 950 mm	Shelf compartment base with reinforcement width from 950 mm	
70 kg	Regalwanne N und H bis Breite 950 mm	Shelf trough tray N and H width up to 950 mm	
55 kg	Regalwanne N und H ab Breite 950 mm	Shelf trough tray N and H width from 950 mm	
250 kg	max. Feldlast	Max. bay load	



At regular intervals, about every 5,000 km, as well as after an emergency stop or an accident, check the points at which the in-vehicle racking system is attached to the floor and the walls and side connections [rails] and also to lashing points.

For repairs, only use original spare parts from ALUCA.

- Before driving the vehicle, check the permissible payload.
- Keep in mind that the in-vehicle racking system is part of the payload.
- Pay attention to the axle loads stipulated by the manufacturer.
- Avoid one-sided weight distribution in the vehicle.

Installations in passenger cars and vans, which are securely fastened in the load space, are regarded as cargo. For loads, there are no traffic rules that require acceptance by recognised experts or require an entry in the log book. The exception may be the responsible authorities.

ALUCA GmbH recommends separating the passenger area from the load compartment using partitions or separator grids approved by the vehicle manufacturer. If a window is installed in partition walls, it must have a safety certificate from the manufacturer. ALUCA recommends that the windows always be fitted with a protective grille to increase passive safety in the passenger compartment.

Loose parts in the cargo area must be secured with the appropriate and approved load-securing equipment.

ALUCA GmbH therefore recommends that you undergo appropriate, documented training to inform yourself about the relevant load securing rules and the optimal use of the product. For example, care must be taken to ensure that heavy loads are always transported in the lower part of the in-vehicle racking system. Light loads, on the other hand, should always be stored in the upper area of the in-vehicle racking system.

Loading weights with even distribution

80 kg	Drawer - ALUCA dimension2	60 kg	Shelf compartment base with reinforcement width up to 950 mm
40 kg	Drawer - System ALUCA Aluminium full extension	45 kg	Shelf compartment base with reinforcement width from 950 mm
80 kg	Drawer - System ALUCA with steel full extension width up to 950 mm	70 kg	Shelf trough tray N and H width up to 950 mm
60 kg	Drawer - System ALUCA with steel full extension width from 950 mm	55 kg	Shelf trough tray N and H width from 950 mm
20 kg	Case pullout	250 kg	Max. bay load
40 kg	Shelf without reinforcement		

Cleaning/Maintenance

ALUCA in-vehicle racking systems are manufactured from high-quality aluminium. This material does not need painting. It is therefore very easy to clean and this can be done inside the vehicle. Use dirt-repellent ALUCA care spray, or a comparable product for the care of metal surfaces.

When replacing or installing ALUCA in-vehicle racking systems in other vehicles, the disassembled racking block can be cleaned with a high pressure steam cleaner. The drawer runners must be greased afterwards. Use ALUCA maintenance oil.

Do not use steel wool, a steel brush or similar because rust is formed through abrasion of the steel by the cleaning equipment. All surfaces should be treated with our dirt-repellent ALUCA care spray after each cleaning.

For more information and accessories, please
consult our main catalogue, our website or contact
the ALUCA consultant in your area!

ALUCA[®]

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In-vehicle racking systems made of 100% aluminium

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