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Our roots were planted in a small village smithy. The fact that a global corporation has emerged from these humble roots is also a result of our constant awareness of what our identity represents and what values the company has always embodied: Quality, innovation in product and process as well as reliability and sustainability in our internal and external customer relations. That is the basis of our pursuit for sustainable growth and quality leadership in our business fields.

Since 2016 we have been making our contribution to the DexKo Group, the world’s leading manufacturers of axles and chassis components in the lightweight segment. We are proud to continue in successfully shaping this development together with DexKo and to convey our brand promise of quality, safety and comfort for our products and services to the world.
VEHICLE TECHNOLOGY

Our vehicle technology products for motorhomes, caravans, commercial vehicles and commercial trailers guarantee the greatest safety and comfort. In any situation. With our premium solutions for vehicles in commercial use, we are meeting the most exacting customer requirements in terms of ergonomics. For leisure vehicles we pave the way for a positive start to your holidays and a relaxed return home. We are always your reliable companion – for more joy on the road.
HIGH-TECH COMPONENTS

OUR INNOVATIONS FOR IMPROVED QUALITY OF LIFE

STEADY LEGS
Page 30 – 32

TORSION BAR SUSPENSION
Page 20

LOWERED REAR
Page 12

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Page 34 – 41

COMFORT
Deeper, more flexible, smoother, AL-KO CHASSIS have a low centre of gravity, comfortable torsion bar suspensions or smooth air suspensions for maximum driving comfort.
RELIABILITY

Enjoy your holiday from the very start! The well-engineered chassis components from AL-KO ensure that you can rely on your motorhome in any driving situation.
EXPERIENCE
AL-KO has been developing and producing products for over 85 years. These products meet the needs of all customers with sophisticated and proven technology.

AL-KO PRODUCTION
HIGHEST STANDARDS AND QUALITY
COOPERATION

The ongoing collaboration of the AL-KO Development department with leading car and motorhome manufacturers lays the foundation for improved safety, noticeably improved driving dynamics and maximum driving comfort with an AL-KO CHASSIS.

This know-how has made us a valued partner of the motorhome industry across the globe.

From component to product – precision and care define the manufacturing process.
AL-KO CHASSIS
AL-KO CHASSIS

MORE COMFORT AND MORE SAFETY

LIGHT, ROBUST AND DURABLE
Special perforations make the AL-KO CHASSIS lightweight. At the same time, high-strength steel ensures strong frame strength.

FLEXIBLE LOADING
The AL-KO CHASSIS can be lowered down to 220 mm, which enables more storage space in the underfloor area. The lowered rear is ideally suited for use with rear garages.

MORE COMFORT AND SAFETY
Modern chassis technology that is coordinated to the consistently high vehicle weights of motorhomes: Rear axle with torsion bar suspension and independent suspension for more comfort and more safety. Lower centre of gravity and wide track chassis ensure improved driving stability.

www.alko-tech.com
LESS WEIGHT FOR MORE HOLIDAY FUN

PATENTED CONNECTION
The form-fitting shear cam screw connection ensures a perfect link between the AL-KO CHASSIS and the cab.

LIGHTWEIGHT CONSTRUCTION TECHNOLOGY
The innovative AL-KO lightweight construction technology saves weight without negatively affecting stability. Thus the loading capacity of the motorhome can be increased.
AL-KO CHASSIS

AXLES FOR WHEN THE BEST IS EXPECTED

The technology of the AL-KO CHASSIS enables longer wheelbases and optimally tuned overhangs. Numerous premium class manufacturers use this flexibility to realise more comfortable configurations.

As a 3-axle, the AL-KO CHASSIS allows longer vehicle lengths and higher permitted total weights. Therefore, AL-KO provides an optimal foundation for more generous motorhome structures.

GENEROUS AND COMFORTABLE
OF COURSE, YOUR FAVOURITE BRAND ALSO DRIVES WITH AL-KO

THE PERFECT FOUNDATION

All prominent European motorhome manufacturers trust the AL-KO CHASSIS. Its innovative technology ensures configuration flexibility, enables more storage space and loading capacity, improves driving behaviour and ensures a relaxing holiday experience.
CHASSIS COMPONENTS
MORE COMFORT
The ACS comfort suspension meets the highest comfort standards and was specially designed for the high demands of motorhomes. The suspension and absorption are optimised to each other and ensure an increase in driving stability on the front axle. Hard impacts are mitigated significantly and the vibration dampening on the steering wheel decreases the stress and goes easy on the arms.
UNIQUE

- Impressive suspension comfort
- Superb driving stability and enhanced driving safety
- Reduced noise levels inside the vehicle
- Raising of the vehicle standing height at the front axle
- Robustness and longevity
- Completely maintenance-free
- For 2 and 3 axles
- Replaces the standard original front axle strut
- Available for OEM and retrofitting
CHASSIS COMPONENTS

TORSION BAR SUSPENSION – STANDARD

DRIVING DYNAMICS LIKE A CAR
AL-KO, as the exclusive chassis manufacturer for motorhomes, relies on the torsion bar suspension as standard. This technology is superior to conventional suspension solutions for the consistently high loading capacities that are normal for motorhomes. The torsion bar suspension increases the power reserves of the AL-KO CHASSIS.

STABLE AND SMOOTH
AL-KO CHASSIS rely on independent suspension with a standard torsion bar. This system is designed exactly for the respective axle load. It remains stable even under the most difficult road conditions and transforms bumps into gentle vibrations.
Without the ALC, there is a threat of making contact with the ground while loaded even with a short overhang.

Thanks to the ALC, the rear axle remains at an optimal level even when loaded. Ground clearance is maintained even with a longer rear overhang.

STABLE LEVEL WITH EVERY LOAD

The ALC replaces conventional shock absorbers. The fully automatic system ensures the optimum driving level on the rear axle – and regardless of the load. Uneven or steep ramps thus become less threatening.

ALC – THE AL-KO LEVEL CONTROLLER

SIMPLY RELAXED

The ALC contributes to a relaxing drive by way of a noticeable improvement in suspension and damping comfort, even on long journeys and when road conditions are difficult.
CHASSIS COMPONENTS

AIR PREMIUM X4 – FULL AIR SUSPENSION AT THE HIGHEST LEVEL

YOU CAN’T GET MORE COMFORT THAN THIS

Front and AL-KO REAR AXLE(S) are equipped with an air suspension for the 4-circuit Air Premium X4 full air suspension. This helps to achieve unparalleled suspension comfort. In addition, the vehicle remains at a constant level during the trip — independent of the load status.

COMPLETELY MAINTENANCE-FREE

The Air Premium X4 full air suspension enables the front axle to be raised up to +70 mm and lowered down to -60 mm. The rear axle can be raised up to +40 mm and lowered down to -50 mm. The complete system is maintenance-free and also suitable for vehicles with ESP.
You can lower or raise the vehicle while going up to 25 km/h with just the push of a button. So driving onto a ferry is no longer a problem. The auto level function, an electronic level, automatically levels the vehicle when parked.

**Maximum raising of the front axle, maximum lowering of the rear axle enables easy loading of the rear garage and/or load carrier**

**Raising of the front and rear axle, e.g. for rough terrain**

**Maximum raising of the driving level at the rear and lowering at the front, e.g. for ramps**

**Maximum lowering for easier loading / entry**

**Side levelling for a complete tank emptying**

**Manual levelling**

**Auto level function for a balanced living area when parked**

**Brief touch of the button: levelling of all axles to the driving level**

**Activation / Deactivation of the system and service button**

**Longer hold of the button: selection of the axle for manual levelling**
SAFETY WITH COMFORT

The electronic stability program ESP contributes highly to driving safety. The Air Premium X2, Air Plus and Air Top also make motorhomes with ESP more comfortable.
AIR PLUS AND AIR TOP ADDITIONAL AIR SUSPENSIONS FOR ALL AL-KO CHASSIS AND ORIGINAL CHASSIS

AIR PLUS
The manually-regulated Air Plus additional air suspension system for AL-KO CHASSIS enables you to change the rear slope angle. The control panel enables you to easily change the level on the rear axle from the cockpit, raising it up to +40 mm and lowering it down to -50 mm. This enables you to achieve optimal chassis adjustment that ensures maximum driving stability.

AIR TOP
The additional air suspension Air Top for original chassis (base vehicles: Fiat Ducato, Peugeot Boxer and Citroën Jumper) enables easy raising of the rear axle up to a maximum of +50 mm via the compressor kit. Thus an imbalance on the pitch can be compensated for. The roll stability is also improved. Now also for vehicles with ESP.

COMPRESSOR KIT
An ergonomic control panel for the cockpit and compressor is available for the Air Plus and Air Top additional air suspensions.
# CHASSIS ADVISOR

<table>
<thead>
<tr>
<th>ORIGINAL CHASSIS</th>
<th>VAN</th>
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</thead>
<tbody>
<tr>
<td>Air Top</td>
<td>ACS</td>
<td>Air Top</td>
<td>ARS</td>
<td>ACS</td>
<td>ALC</td>
</tr>
</tbody>
</table>

- **Fiat Ducato/Peugeot Boxer/Citroen Jumper**
  - From YoM 2006 Type X250 Front axle: •
  - Rear axle: • • • • •
  - YoM 1994 – 2006 Type X230/X244 Front axle: •
  - Rear axle: • •
### AL-KO CHASSIS

<table>
<thead>
<tr>
<th>2-axle</th>
<th>3-axle</th>
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<tbody>
<tr>
<td>Air Plus</td>
<td>Air Premium X2</td>
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</tbody>
</table>
COMFORT ACCESSORIES
SECURE FOOTING

The AL-KO HY4 hydraulic steady leg system ensures stability in the living area for motorhomes up to 6 t. The AL-KO HY4 also automatically levels the mobile home in the horizontal position in just one minute. The AL-KO HY4 is the only hydraulic steady leg system that doesn’t require the installation of hydraulic components in the vehicle interior. Therefore, it is one of the most modern hydraulic systems on the market.

The AL-KO HY4 is intuitive and easy to use via the remote control in the driver’s cab. Easy to understand buttons control the steady legs for manual and automatic levelling. In addition, two additional functions can be freely programmed in: for example your personal sleeping position and the tilt for emptying the waste water tank. Once purchased, the steady leg system can be easily reconfigured when you change vehicles so that even your new motorhome will have a steady footing. AL-KO HY4 comes with the usual, excellent AL-KO quality, is durable, robust, maintenance-free and quiet.

NEW: Now available also for motorhomes with FIAT original chassis!
UNIQUE

I Clean and space saving –
no more bulky hydraulic components
in the vehicle interior.

I Intuitive LED remote control –
millimetre-precise levelling in only a minute.

I Optimum weigh distribution –
four independent hydraulic assemblies
directly on the chassis.

I High professional quality –
certified chassis connection from the chassis specialist.
COMFORT ACCESSORIES

PLASTIC STANDS AND STEADY LEGS – STABLE ON ANY TERRAIN

AREX LIGHT II PLASTIC STANDS
This stand will wow you with their extreme user-friendliness like all of our products. It is telescopic. The stand set has an extremely low weight of under 4 kg per pair (simple telescopic version). This saves you up to 50% in weight compared to other steel legs. Naturally, the AREX Light II plastic steady leg also provides an absolutely secure footing and is thus the easiest way to securely support your vehicle. Last but not least, this support is also ensured by an aluminium vehicle connection and a hardened and galvanised steel spindle.

CLICKFIX STEADY LEGS
The most beautiful places to park are often those where the ground is uneven or sloping. With the ClickFix steady leg, you don’t have to miss out on these attractive travel destinations. Its stable construction ensures secure footing on grass, gravel or asphalt.

A half turn of the extending crank is enough to make the ClickFix steady leg ready for action. When the motorhome is ready to take off travelling, the safety mechanism folds the steady leg up or back. Thus damage is prevented.
MORE FUN WITH TRAILERS

Taking your own boat, quad bike or motorcycle on holiday makes it that much more fun. Thanks to SAWIKO towbars, your toys are always close at hand. Thus increasing the leisure time value of your motorhome.

TOWBARS AND FRAME REINFORCEMENTS

<table>
<thead>
<tr>
<th>AHK MT 005</th>
<th>AHK MT 005 with removable ball system</th>
<th>MT 052</th>
<th>MT 054</th>
</tr>
</thead>
<tbody>
<tr>
<td>For all AL-KO CHASSIS and vehicles with AL-KO and other load-bearing frame extensions, also available for vehicles without a load-bearing frame extension (reinforcement add-on required).</td>
<td>Optional for all common SAWIKO towbars, the removable system is easily installed as an intermediate piece and the original ball head can continue to be used.</td>
<td>Continuously adjustable, maximum width 1420 mm.</td>
<td>Towbar with removable and lockable ball head. Suitable for AL-KO high and low frame chassis with or without rear lowering and for the Original chassis.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MT 001</th>
<th>MT 010</th>
<th>MT 015</th>
<th>MT 017</th>
<th>MT 026</th>
</tr>
</thead>
<tbody>
<tr>
<td>The figure shows the version for the Fiat Ducato X230/ X244.</td>
<td>Heavy load towbars in straight or suspended form can only be used for vehicles with high trailer loads.</td>
<td>The space saving version is predominately used for flat beds or vehicles with problematic substructures. Roller fixing up to 130 kg.</td>
<td></td>
<td>Used for the Ducato X250.</td>
</tr>
</tbody>
</table>

These versions can be used as a standard coupling for all vehicles without a frame extension or for non-load-bearing frame extensions. The attachment elements for carrier systems to the coupling can be retrofitted at any time without problem.

EASY INSTALLATION, SECURE MOUNTING

SAWIKO towbars are perfectly optimised for the AL-KO CHASSIS. All attachment points have been available since chassis production date 8/95. No drilling is required. This guarantees easy assembly and the highest level of safety.
CARRIER SYSTEMS
CARRIER SYSTEMS

VELO III – THE CARRIER SOLUTION FOR E-BIKES

STOWED SECURELY
E-bikes are often heavier and wider than normal bicycles. Therefore, the Velo III carrier system is specially designed to stow up to two e-bikes securely and effortlessly while on holiday.

- Load capacity: up to 80 kg
- Conversion kit for 2 e-bikes or 3 bicycles
- Low loading depth
- Net weight: approx. 16 kg
- Can be removed without tools
- Conversion kit for 3 bicycles available as an option
- Folding platform

MIKRO II – THE REBIRTH OF THE CLASSIC CARRIER

PERFECT FOR YOUR SCOOTER
With a load capacity of 120 kg, you can take practically any 125 cc scooter or up to 4 bicycles with you. It is bolted to the vehicle chassis using two galvanised attachment elements. The carrier can be removed at any time, and can be simply pushed into the permanently bolted attachment elements when required.

- Load capacity: up to 120 kg
- EC type approval
- For max. 4 bicycles or 1 scooter + 1 bicycle
- Variable loading depth (optional)
- Made from aluminium and steel
- Can be removed without tools

All SAWIKO rear garage systems can be used when you change vehicles. You merely have to remount the attachment elements (also applies to the following pages).
HIGH-QUALITY

The VARIO is manufactured from aluminium for the most part, and consists of high-quality components – such as the bicycle rails customised for e-bikes and retaining arms, or the cross beam made of stainless steel. Despite its low net weight of approx. 29 kg without conversion kits, the VARIO has a loading capacity of 150 kg.

FLEXIBLE AND FUNCTIONAL

When the VARIO is not needed, it can be easily folded up in just a few steps. The carrier can remain on the vehicle without taking up any space.
In addition to its practical folding function the VARIO has a variable loading depth and can be extended from 620 up to 800 mm.

VARIO

- Load capacity: up to 150 kg
- EC type approval
- For 1 scooter, 4 bicycles or 1 scooter + max. 2 bicycles
- Made from aluminium for the most part
- Can be removed without tools
- High-quality, user-friendly design
- Variable loading depth from 620 to 800 mm
- Platform with folding function
- Bicycle rails and retaining arms with ratchet quick-release mechanism
- Dimensions: Width: 2011 mm / Depth: 937 mm

Folding function
Loosen the lever on the light bracket and the platform, fold up and retighten.

Practical
Ratchet quick-release on the retaining arms and bicycle rails. The soft padding protects against scratches.
CARRIER SYSTEMS

LIGERO III – FLEXIBLY PACKED

VERSATILE APPLICATION

The now 3rd generation of the LIGERO supersedes the well-known LIGERO I + II load carriers in a single version. The design of the LIGERO III impresses not only with its functionality, but also with its attractive appearance. The elegantly designed light bracket contributes significantly to that. The main carrier, motorcycle tray, ramp and light bracket are, of course, made of aluminium and are also powder-coated.

LIGERO III

- Load capacity: up to 150 kg
- EC type approval
- For 1 scooter or max. 4 bicycles
- or for 1 scooter + 2 bicycles
- Variable loading depth – telescopic to max. 821 mm loading depth
- Can be removed without tools

MOTORCYCLE TRAY MODEL 3000

Integrated, anti-slip ramp, strap set and wheel strap make loading and securing the two-wheeler easy. The aluminium construction can be retrofitted at any time.
BACKPACK 150 –
FOR EVEN MORE FREEDOM ON HOLIDAY

THE BEAUTIFUL PREMIUM SOLUTION

When designing the new Backpack 150, lightweight construction and the highest user-friendliness were always the focus. Therefore, the carrier can be removed without tools. A drive-on ramp helps with secure loading of the scooter/motorcycle.

AL-KO BACKPACK 150

- Load capacity: up to 150 kg
- Loading depth 570 mm or 720 mm
- High-quality, user-friendly design
- Retaining strap as standard
- Drive-on ramp as standard
  with scooter version
- Can be removed without tools
- For all standard motorhomes
- Available in the basic versions “bicycle carrier” or “scooter”

UNIVERSAL STRAP SET

Contains 4 lashing straps with hooks, 2 chocks, 1 retaining arm and a piece of protective hose for the lashing straps.
TRINEO – THE ELECTRIC GARAGE ENTRANCE FOR SCOOTERS

LIGHT, SPACE SAVING AND EASY

This sums up the outstanding characteristics of the Trineo. It only weighs approx. 22 kg, incl. the folding ramp.

Only the guide rails with the electric motor and the front wheel sled need to be installed in your rear garage. You can easily remove the wheel sled to save even more space when not using the Trineo.

The Trineo has a payload of 150 kg, making it suitable for most scooter models. To load your vehicle, you only have to place the front wheel in the sled and tighten the crank. Then you can easily use the remote control to move your scooter into the rear garage. Finally, just attach the rear of the scooter, e.g. to our lashing rail using lashing straps.

TRINEO

- Low net weight: with folding ramp approx. 22 kg
- Easy loading with electric motor and remote control
- Infinitely variable tyre fixing
- Low space requirement
- Load capacity 150 kg, left- or right-side installation possible
WHEELY – THE VERSATILE CHAMPION

ON YOUR OWN WHEELS

Wheely stands out in any conceivable situation with its universal usability. Its sophisticated flexibility ensures the highest level of holiday comfort.

WHEELY

- Permitted gross weight approx. 750 kg
- Usable area: 2,000 x 800 mm (plus 300 mm for extendable light bracket, optional)
- Ideal for relieving the weight on your motorhome
- Versatile fitting options (e.g. storage boxes, spare wheel holder, side walls)
- 100 km/h permit possible
- Net weight: approx. 215 kg
ACS – AL-KO COMFORT SUSPENSION

<table>
<thead>
<tr>
<th>Chassis manufacturer</th>
<th>Year of manufacture</th>
<th>Variant</th>
<th>Recom. front axle load range</th>
<th>Part no.</th>
<th>Sales price € *</th>
</tr>
</thead>
<tbody>
<tr>
<td>Comfort suspension for motorhomes with an AL-KO chassis</td>
<td>from 2006</td>
<td>Light</td>
<td>1600 kg – 1850 kg</td>
<td>1710620</td>
<td>820.–</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Heavy</td>
<td>1800 kg – 2100 kg</td>
<td>1710621</td>
<td>820.–</td>
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<tr>
<td>Comfort suspension for motorhomes with an AL-KO chassis</td>
<td>from 2006</td>
<td>Light</td>
<td>1600 kg – 1850 kg</td>
<td>1710038</td>
<td><strong>1126.–</strong></td>
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<tr>
<td></td>
<td></td>
<td>Heavy</td>
<td>1800 kg – 2100 kg</td>
<td>1710039</td>
<td><strong>1126.–</strong></td>
</tr>
<tr>
<td>Comfort suspension for motorhomes with Fiat, Peugeot or Citroen original chassis</td>
<td>from 2006***</td>
<td>Light</td>
<td>1480 kg – 1640 kg</td>
<td>1710624</td>
<td>871.–</td>
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<tr>
<td></td>
<td></td>
<td>Middle</td>
<td>1600 kg – 1850 kg</td>
<td>1710625</td>
<td>871.–</td>
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<tr>
<td></td>
<td></td>
<td>Heavy</td>
<td>1800 kg – 2100 kg</td>
<td>1710626</td>
<td>871.–</td>
</tr>
<tr>
<td>Comfort suspension for motorhomes with Fiat, Peugeot or Citroen original chassis</td>
<td>from 2006***</td>
<td>Light</td>
<td>1480 kg – 1640 kg</td>
<td>1710287</td>
<td><strong>1229.–</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Middle</td>
<td>1600 kg – 1850 kg</td>
<td>1710288</td>
<td><strong>1229.–</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Heavy</td>
<td>1800 kg – 2100 kg</td>
<td>1710305</td>
<td><strong>1229.–</strong></td>
</tr>
</tbody>
</table>

* incl. VAT  ** incl. Original Fiat Domlager Kit  *** Production date 2006–2011 not approved in England and France

ALC – AL-KO LEVEL CONTROLLER

Nivomat for AL-KO rear axles based on Fiat Ducato, Peugeot Boxer and Citroen Jumper (2-axle vehicles from type X250)

Only possible for 2-axle vehicles.

Product advantages
- Automatic, load-independent regulation of the rear axle at the pre-set level
- Improvement of suspension and damping comfort
- 100% maintenance-free
- Now also for vehicles with ESP

Installation
The ALC is mounted at the location of the shock absorber on the rear axle of the vehicle. While driving, it takes over a part of the load that would otherwise be handled exclusively by the torsion bar axle. ALC thus noticeably improves the suspension and damping comfort, and contributes to relaxed and non-tiring driving. Therefore, you are well prepared for any road surface. Suitable as original equipment or for retrofitting. Retrofitting possible in selected specialist workshops and at the AL-KO Customer Centres

Prices
For original equipment prices please contact your body manufacturer directly. Retrofitting upon request (some of your vehicle data is required for preparation of a quote – for more information, please see the contact form).

AIR PREMIUM X4

4-circuit full air suspension for front and AL-KO rear axle(s) based on Fiat Ducato, Peugeot Boxer and Citroen Jumper (type X250).

Manual lowering or raising of the vehicle possible up to a speed of 25 km/h.

Product advantages
- Fully automatic, load-independent level control on the front and AL-KO rear axle(s)
- Optimum suspension comfort with high driving stability
- Auto-level function – automatic levelling of the vehicle when parked (as part of the axle suspension travel)
- 100% maintenance-free
- Self-sufficient air supply thanks to built-in compressor
- Now also for vehicles with ESP

Installation
Suitable as original equipment or for retrofitting. Retrofitting possible in selected specialist workshops and at the AL-KO Customer Centres

Prices
For original equipment prices please contact your body manufacturer directly. Retrofitting upon request (some of your vehicle data is required to generate a quote – for more information, please see the contact form).
AIR PREMIUM X2

2-circuit full air suspension for AL-KO rear axle(s) based on Fiat Ducato, Peugeot Boxer and Citroën Jumper (type X250). Manual lowering or raising of the vehicle possible up to a speed of 25 km/h.

Product advantages
- Adjustment track in the axle range of the rear axle:
  - Raising approx. +40 mm / lowering approx. -50 mm
- Automatic, load-independent level control on the rear axle(s)
- 100 % maintenance-free
- Self-sufficient air supply thanks to built-in compressor

Installation
- Suitable as original equipment or upgrade
- Retrofitting possible in selected specialist workshops and at the AL-KO Customer Centres

Prices
- For original equipment prices please contact your body manufacturer directly. Retrofitting upon request (some of your vehicle data is required to generate a quote – for more information, please see the contact form).

AIR PLUS

The AL-KO Air Plus additional air suspension is available as optional special equipment for an AL-KO chassis (2- and 3-axle vehicles) based on Fiat Ducato, Peugeot Boxer and Citroën Jumper (type X250). Manual lowering or raising of the vehicle possible up to a speed of 25 km/h.

Product advantages
- Adjustment track in the axle range. Rear axle:
  - Raising max. +40 mm / lowering down to -50 mm
- 100 % maintenance-free
- Integrated emergency running function

Prices
- Retrofitting upon request (some of your vehicle data is required to generate a quote – for more information, please see the contact form).

AIR TOP

Additional air suspension for use with the original chassis (lead frame, special chassis, flat bed and van).

Possible base vehicles: Fiat Ducato, Peugeot Boxer, Citroën Jumper

Product advantages
- Manually raise the rear axle by up to a max. +50 mm while stationary
- 100 % maintenance-free
- External air supply (e.g. mobile 12 V compressor).
  - Optional integrated compressor kit available.
- Now also for vehicles with ESP (Type X250 from model year 2011)

Approval
- Vehicle documents must be altered accordingly based on part certificate of conformity.

Permitted gross weights X230, X244
- Permitted in Europe based on EC brake certificate of conformity
- Type 14/15: e11* 71/320*2002/78*4639*01
- Type 18/Maxi: e11* 71/320*2002/78*4638*01

- * Does not included installation

Permitted gross weights X250
- Permitted in Germany based on part certificate of conformity
- Type 35
  - Without ESP up to 3,700 kg permitted total weight (Tyre load capacity index min. 109/107 Q)
  - With ESP up to 3,500 kg permitted total weight
- Type 36.5
  - Without ESP up to 3,700 kg permitted total weight (Tyre load capacity index min. 109/107 Q)
  - With ESP up to 3,650 kg permitted total weight
- Type 35 Maxi
  - Without ESP up to 3,850 kg permitted total weight (Tyre load capacity index min. 116/114 Q)
  - With ESP up to 3,500 kg permitted total weight
- Type 40/42.5 Maxi
  - Without ESP up to 4,250 kg permitted total weight (Tyre load capacity index min. 116/114 Q)
  - With ESP up to 4,250 kg permitted gross weight

- * Vehicle class can be obtained from the respective body manufacturer.

<table>
<thead>
<tr>
<th>Designation</th>
<th>Suitable for</th>
<th>Weight kg</th>
<th>Part no.</th>
<th>Sales price €</th>
</tr>
</thead>
<tbody>
<tr>
<td>AL-KO Air Top kit for single/double layered leaf springs</td>
<td>Vehicles with ABS – Types X230 and X244 Fiat Ducato/Peugeot Boxer/Citroën Jumper</td>
<td>12.5</td>
<td>222 619</td>
<td>655.–*</td>
</tr>
<tr>
<td>AL-KO Air Top kit for single/double layered leaf springs</td>
<td>Vehicles with ABS – (standard), Type X250 Fiat Ducato/Peugeot Boxer/Citroën Jumper</td>
<td>9.5</td>
<td>1 250 945</td>
<td>655.–*</td>
</tr>
<tr>
<td>Screw-in controller kit</td>
<td>Vehicles without ABS – Types X230/X244</td>
<td>0.5</td>
<td>420 150</td>
<td>76.–*</td>
</tr>
<tr>
<td>Compressor kit</td>
<td>Fiat Ducato/Peugeot Boxer/Citroën Jumper Type X250</td>
<td>1 569 093</td>
<td>391.–*</td>
<td></td>
</tr>
</tbody>
</table>

* Does not included installation
**ClickFix steady legs**

Mechanical steady legs for vehicles with AL-KO frames or frame extensions

**Product advantages**
- Robust steady legs for firm and secure footing
- Fast and comfortable operation: just a half-turn of the crank and the steady leg is in the vertical support position
- Independent tensioning of the steady leg while winding up
- Safety mechanism when setting off with legs folded down

**Technical data**
- Static load capacity: 1,000 kg
- Dynamic load capacity: 500 kg

**Scope of delivery**
- Two steady legs, assembly materials, assembly/installation instructions. Order crank separately.

**Selecting the best mechanical AL-KO steady leg for the job**
1. Determine the frame height "A" when loaded.
2. Using this data you can select the corresponding leg from the order overview.
3. The selected leg has a certain operating range "F" which must be free on your vehicle.

<table>
<thead>
<tr>
<th>Required frame height</th>
<th>Leg dimensions</th>
<th>Mounting dimensions</th>
<th>Drive shaft length</th>
<th>Net weight**</th>
<th>Part no.</th>
<th>Sales price €</th>
</tr>
</thead>
<tbody>
<tr>
<td>min. A</td>
<td>max. B</td>
<td>min. C</td>
<td>max. D</td>
<td>E mm</td>
<td>FB mm</td>
<td>F mm</td>
</tr>
<tr>
<td>310</td>
<td>424</td>
<td>281</td>
<td>445</td>
<td>140</td>
<td>302</td>
<td>364</td>
</tr>
<tr>
<td>320</td>
<td>440</td>
<td>297</td>
<td>464</td>
<td>142</td>
<td>320</td>
<td>382</td>
</tr>
<tr>
<td>420</td>
<td>624</td>
<td>397</td>
<td>654</td>
<td>150</td>
<td>419</td>
<td>481</td>
</tr>
<tr>
<td>460</td>
<td>710</td>
<td>446</td>
<td>744</td>
<td>155</td>
<td>469</td>
<td>531</td>
</tr>
</tbody>
</table>

* The length of the legs can be manually adjusted via a cotter pin.
** For complete leg set (two units) including screw/mounting material (0.8 kg).

**ClickFix steady leg accessories**

<table>
<thead>
<tr>
<th>Net weight in kg</th>
<th>Part no.</th>
<th>Sales price €</th>
</tr>
</thead>
<tbody>
<tr>
<td>Galvanised extending crank 865 mm long</td>
<td>0.6</td>
<td>205 520</td>
</tr>
<tr>
<td>Galvanised extending crank 865 mm long</td>
<td>0.8</td>
<td>267 363</td>
</tr>
</tbody>
</table>
Calculation of the required D value of the towbar
The D value and the imposed load of the tow ball with the holder may not be exceeded.
The D value results from the permitted gross weight of the vehicle and the permitted trailer load.

\[
D = \frac{T \times R \times 9.81}{(T + R) \times 1,000} \\
T = \frac{D \times R \times 1,000}{(R \times 9.81) - (1,000 \times D)} \\
R = \frac{D 	imes T \times 1,000}{(T \times 9.81) - (1,000 \times D)}
\]

Designation | Part no. | Sales price €
--- | --- | ---
SAWIKO towbar for vans, e.g. Fiat, Mercedes, Renault and others... | 30.955 | 355.–
SAWIKO removable towbar for Fiat Ducato X250/X290 vans | 30.956 | 455.–
SAWIKO towbar for AL-KO chassis or vehicles with a certified frame extension without reinforcing parts | 31.100 | from 549.–
SAWIKO towbar for series chassis with certified frame extension incl. required reinforcing parts (not Ducato X250) | 31.200 | from 710.–
SAWIKO standard towbar for series chassis with overhangs for which no or one load-bearing frame extension is mounted | 30.100 | from 829.–
SAWIKO heavy load towbar for series chassis for which trailer loads of more than 2,000 kg are required | 31.500 | 799.–
SAWIKO heavy load towbar for series chassis with overhangs for which no or one load-bearing frame extension is mounted and a trailer load of more than 2,000 kg is required | 30.500 | 938.–
SAWIKO removable ball system without ball head | 31.990 | 295.–

Electric kit

| Designation | Part no. | Sales price €
--- | --- | ---
AL-KO universal 13-pin (Jaeger) Fiat Ducato, Peugeot Boxer, Citroën Jumper Type X230 | 299 837 | 153.–
AL-KO vehicle-specific 13-pin Fiat Ducato, Peugeot Boxer, Citroën Jumper Type X244 | 201 628 | 157.–
AL-KO vehicle-specific 13-pin (LED-capable) Fiat Ducato, Peugeot Boxer, Citroën Jumper Type X250 | 1 629 090 | 203.–
AL-KO vehicle-specific 13-pin Renault Master, Opel Movano, Nissan Interstar Type X70 | 201 653 | 75.–
SAWIKO electrical cable set 13-pin Other | from 85.–

Adjustable AHK

| Description | Part no. | Sales price €
--- | --- | ---
MT052 cross member up to max. 1420 mm (A) without ball head infinitely variable, without ball head approx. 24.8 kg | 31W104400A0 | 570.–
MT052 cross member up to max. 980 mm without ball head | 31W100000A0 | 570.–
Connection plate (L/R) | 31W1000100 | 65.–
Imposed load 80 kg, max. D value 13.1 kN, offset (B) +/- 27 mm, EC certification available | 31WE345000 | 74.–
**MT052 cross member incl. ball head up to max. ...**

<table>
<thead>
<tr>
<th>Type</th>
<th>Part no.</th>
<th>Sales price €</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type 1</td>
<td>31W10000A1</td>
<td>620.–</td>
</tr>
<tr>
<td>Type 2</td>
<td>31W10000A2</td>
<td>620.–</td>
</tr>
<tr>
<td>Type 3</td>
<td>31W10000A3</td>
<td>620.–</td>
</tr>
<tr>
<td>Type 4</td>
<td>31W10000A4</td>
<td>620.–</td>
</tr>
<tr>
<td>Type 5</td>
<td>31W10000A5</td>
<td>620.–</td>
</tr>
</tbody>
</table>

**MT 054**

<table>
<thead>
<tr>
<th>Part no.</th>
<th>Sales price €</th>
</tr>
</thead>
<tbody>
<tr>
<td>On request</td>
<td>from 800.–</td>
</tr>
</tbody>
</table>

**VELO III**

<table>
<thead>
<tr>
<th>Designation</th>
<th>Part no.</th>
<th>Sales price €</th>
</tr>
</thead>
<tbody>
<tr>
<td>VELO III 2 folding electric bikes without electric cable set</td>
<td>21.300</td>
<td>945.–</td>
</tr>
<tr>
<td>VELO III 3 folding electric bikes without electric cable set</td>
<td>21.310</td>
<td>1,015.–</td>
</tr>
<tr>
<td>Reinforcement parts / frame extension for vehicles without load-bearing chassis or frame extension</td>
<td>On request</td>
<td>from 300.–</td>
</tr>
<tr>
<td>Other reinforcement parts for vehicles with approved chassis extension</td>
<td>On request</td>
<td>from 149.–</td>
</tr>
</tbody>
</table>

**MIKRO II**

<table>
<thead>
<tr>
<th>Designation</th>
<th>Part no.</th>
<th>Sales price €</th>
</tr>
</thead>
<tbody>
<tr>
<td>Complete MIKRO II system for 1 scooter</td>
<td>10.310</td>
<td>899.–</td>
</tr>
<tr>
<td>Complete MIKRO II system for 1 scooter + 1 bicycle</td>
<td>10.320</td>
<td>949.–</td>
</tr>
<tr>
<td>Complete MIKRO II system for 2 bicycles</td>
<td>10.330</td>
<td>859.–</td>
</tr>
<tr>
<td>Complete MIKRO II system for 3 bicycles</td>
<td>10.340</td>
<td>909.–</td>
</tr>
<tr>
<td>Complete MIKRO II system for 4 bicycles</td>
<td>10.350</td>
<td>959.–</td>
</tr>
<tr>
<td>Reinforcement parts / frame extension for vehicles without load-bearing chassis or frame extension</td>
<td>On request</td>
<td>from 300.–</td>
</tr>
<tr>
<td>Other reinforcement parts for vehicles with approved chassis extension</td>
<td>On request</td>
<td>from 149.–</td>
</tr>
</tbody>
</table>

* Excluding electrical cable set incl. standard attachment elements for frame connection.
### LIGERO III

<table>
<thead>
<tr>
<th>Designation</th>
<th>Part No.</th>
<th>Sales price €</th>
</tr>
</thead>
<tbody>
<tr>
<td>Complete LIGERO III system for 1 scooter</td>
<td>10.510</td>
<td>1,099.–</td>
</tr>
<tr>
<td>Complete LIGERO III system for 1 scooter + 1 bicycle</td>
<td>10.520</td>
<td>1,169.–</td>
</tr>
<tr>
<td>Complete LIGERO III system for 1 scooter + 2 bicycles</td>
<td>10.530</td>
<td>1,239.–</td>
</tr>
<tr>
<td>Complete LIGERO III system for 2 bicycles</td>
<td>10.540</td>
<td>1,099.–</td>
</tr>
<tr>
<td>Complete LIGERO III system for 3 bicycles</td>
<td>10.550</td>
<td>1,169.–</td>
</tr>
<tr>
<td>Complete LIGERO III system for 4 bicycles</td>
<td>10.560</td>
<td>1,239.–</td>
</tr>
<tr>
<td>Reinforcement parts / frame extension for vehicles without load-bearing chassis or frame extension</td>
<td>On request</td>
<td>from 300.–</td>
</tr>
<tr>
<td>Other reinforcement parts for vehicles with approved chassis extension</td>
<td>On request</td>
<td>from 149.–</td>
</tr>
</tbody>
</table>

* Excluding electrical cable set

### UNIVERSAL STRAP SET

<table>
<thead>
<tr>
<th>Designation</th>
<th>Part No.</th>
<th>Sales price €</th>
</tr>
</thead>
<tbody>
<tr>
<td>Strap set contains 4 straps with hooks, 2 wheel chocks, 1 retaining arm and 1 protective sheath for straps</td>
<td>10.900</td>
<td>119.–</td>
</tr>
</tbody>
</table>

* Excluding electrical cable set incl. standard attachment elements for frame connection.
**AL-KO BACKPACK 150**

<table>
<thead>
<tr>
<th>Designation</th>
<th>Part no.</th>
<th>Sales price €</th>
</tr>
</thead>
<tbody>
<tr>
<td>AL-KO Backpack 150 (motorcycle carrier version) for AL-KO chassis with rear extension</td>
<td>1 730 271</td>
<td>1,619.–</td>
</tr>
<tr>
<td>AL-KO Backpack 150 (motorcycle carrier version) for original chassis with other frame extension</td>
<td>1 730 272</td>
<td>1,720.–</td>
</tr>
<tr>
<td>AL-KO Backpack 150 (bicycle carrier version) for AL-KO chassis with rear extension</td>
<td>1 730 272</td>
<td>1,619.–</td>
</tr>
<tr>
<td>AL-KO Backpack 150 (bicycle carrier version) for original chassis with other frame extension</td>
<td>1 730 272</td>
<td>1,720.–</td>
</tr>
<tr>
<td>Scooter conversion kit</td>
<td>1 629 426</td>
<td>354.–</td>
</tr>
<tr>
<td>Platform extension conversion kit</td>
<td>1 629 427</td>
<td>202.–</td>
</tr>
<tr>
<td>Retaining rod</td>
<td>1 629 428</td>
<td>66.–</td>
</tr>
<tr>
<td>Retaining arm</td>
<td>1 629 429</td>
<td>80.–</td>
</tr>
<tr>
<td>Bicycle conversion kit (position 1 / retaining arm 240 mm)</td>
<td>1 629 430</td>
<td>50.–</td>
</tr>
<tr>
<td>Bicycle conversion kit (position 2 / retaining arm 420 mm)</td>
<td>1 629 431</td>
<td>60.–</td>
</tr>
<tr>
<td>Bicycle conversion kit (position 3 / retaining arm 600 mm)</td>
<td>1 629 432</td>
<td>60.–</td>
</tr>
<tr>
<td>Bicycle conversion kit (position 4 / retaining arm with clamp bridge)</td>
<td>1 629 433</td>
<td>70.–</td>
</tr>
<tr>
<td>Surcharge for reinforcing parts for vehicles with non load-bearing AL-KO chassis or frame extension</td>
<td>31.220</td>
<td>198.–</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Electric kit</th>
<th>Designation</th>
<th>Part No.</th>
<th>Sales price €</th>
</tr>
</thead>
<tbody>
<tr>
<td>Universal, 13-pin (Jaeger)</td>
<td>Fiat Ducato, Peugeot Boxer, Citroën Jumper Type X230</td>
<td>299 837</td>
<td>157.–</td>
</tr>
<tr>
<td>Vehicle-specific, 13-pin</td>
<td>Fiat Ducato, Peugeot Boxer, Citroën Jumper Type X244</td>
<td>201 628</td>
<td>159.–</td>
</tr>
<tr>
<td>Vehicle-specific 13-pin (LED-capable)</td>
<td>Fiat Ducato, Peugeot Boxer, Citroën Jumper Type X250</td>
<td>1 629 090</td>
<td>205.–</td>
</tr>
<tr>
<td>Vehicle-specific, 13-pin</td>
<td>Renault Master, Opel Movano, Nissan Interstar Type X70</td>
<td>201 653</td>
<td>67.–</td>
</tr>
</tbody>
</table>

**TRINEO**

<table>
<thead>
<tr>
<th>Designation</th>
<th>Part no.</th>
<th>Sales price €</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trineo</td>
<td>25.600</td>
<td>1,380.–</td>
</tr>
</tbody>
</table>

**Scope of delivery:** Mechanical lift device with electric motor (installation area 2,000 x 500 mm), front wheel sled, 2 remote controls: 1x small for key ring, 1x large for e.g. glove compartment, folding ramp, lashing straps

**WHEELY**

<table>
<thead>
<tr>
<th>Technical data</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Usable area</td>
<td>2,000 x 800 mm plus 300 mm for extension</td>
</tr>
<tr>
<td>Loading height</td>
<td>620 mm</td>
</tr>
<tr>
<td>Empty weight without accessories</td>
<td>approx. 215 kg</td>
</tr>
<tr>
<td>Perm. total weight</td>
<td>approx. 750 kg</td>
</tr>
<tr>
<td>Total length</td>
<td>min. 1,800 mm, max. 2,450 mm</td>
</tr>
<tr>
<td>Total width</td>
<td>approx. 2,250 mm</td>
</tr>
<tr>
<td>Designation</td>
<td>Part No.</td>
</tr>
<tr>
<td>----------------------------------------------------------------------------</td>
<td>----------</td>
</tr>
<tr>
<td>WHEELY single axle trailer without conversion kit</td>
<td>70.5000</td>
</tr>
<tr>
<td>WHEELY single axle trailer, braked version excluding conversion kit</td>
<td>70.5555</td>
</tr>
<tr>
<td>100 km/h permit</td>
<td>70.5003</td>
</tr>
<tr>
<td>TÜV - individual acceptance loading from 750 kg to 950 kg, braked trailer</td>
<td>70.5008</td>
</tr>
<tr>
<td>Conversion kit for 1 scooter</td>
<td>70.5100</td>
</tr>
<tr>
<td>Conversion kit for extendable bumper</td>
<td>70.5125</td>
</tr>
<tr>
<td>Conversion kit 1 bicycle on extendable bumper</td>
<td>70.5145</td>
</tr>
<tr>
<td>Conversion kit 1 bicycle in front of retaining strap</td>
<td>70.5177</td>
</tr>
<tr>
<td>Spare wheel holder for trailer wheel</td>
<td>70.5306</td>
</tr>
<tr>
<td>Spare wheel 195/50/R13 loose on steel rim</td>
<td>70.5304</td>
</tr>
<tr>
<td>Mechanical lift device for motorcycles</td>
<td>70.5366</td>
</tr>
<tr>
<td>Mechanical lift device – conversion kit for 2nd motorcycle</td>
<td>70.5368</td>
</tr>
<tr>
<td>Load area extension to 1,100 mm</td>
<td>70.5505</td>
</tr>
<tr>
<td>Basic tarpaulin system</td>
<td>70.5411</td>
</tr>
<tr>
<td>Comfort tarpaulin system</td>
<td>70.5412</td>
</tr>
<tr>
<td>Ultra Box 360 lockable for V-drawbar</td>
<td>70.5325</td>
</tr>
<tr>
<td>Conversion kit for 1 motorbike</td>
<td>70.5150</td>
</tr>
<tr>
<td>WHEELY aluminium side walls, 300 mm high</td>
<td>70.5400</td>
</tr>
<tr>
<td>WHEELY aluminium side walls, 600 mm high</td>
<td>70.5405</td>
</tr>
<tr>
<td>WHEELY-Duo aluminium side walls, 300 mm high</td>
<td>70.6520</td>
</tr>
<tr>
<td>WHEELY-Duo aluminium side walls, 600 mm high</td>
<td>70.6530</td>
</tr>
<tr>
<td>MP3 conversion kit with three-part loading ramp</td>
<td>70.5133</td>
</tr>
<tr>
<td>Conversion kit 2 bicycles in front of retaining strap</td>
<td>70.5178</td>
</tr>
<tr>
<td>150 mm coupler extension for TRAIGO 500</td>
<td>1 730 076</td>
</tr>
<tr>
<td>Aluminium box for V-drawbar, lockable</td>
<td>70.5320</td>
</tr>
<tr>
<td>V-drawbar basic bracket (necessary for plastic and aluminium box)</td>
<td>70.5300</td>
</tr>
<tr>
<td>Plastic box (black) for V-drawbar, lockable</td>
<td>70.5310</td>
</tr>
<tr>
<td>Conversion kit 2 bicycles on expendable bumper</td>
<td>70.5175</td>
</tr>
<tr>
<td>Scooter running board clamping system (max. tunnel height 100 mm)</td>
<td>28.210</td>
</tr>
<tr>
<td>Scooter running board clamping system (above tunnel height 100 mm)</td>
<td>28.220</td>
</tr>
<tr>
<td>Conversion kit for raising the clamping device (with 28.210 only)</td>
<td>28.211</td>
</tr>
<tr>
<td>Folding lock with additional brake disc lock</td>
<td>70.5365</td>
</tr>
<tr>
<td>Spare wheel holder for towing vehicle wheel under the platform</td>
<td>70.5200</td>
</tr>
<tr>
<td>“Basic” strap set</td>
<td>70.5107</td>
</tr>
<tr>
<td>“Premium” strap set with hooks and Spannfix</td>
<td>70.5105</td>
</tr>
<tr>
<td>Manual cable winch with deflection</td>
<td>70.5360</td>
</tr>
<tr>
<td>Elevated drive-on ramp, prevents road contact</td>
<td>72.5152</td>
</tr>
<tr>
<td>Folding, drive-on ramp, curved, up to 340 kg load</td>
<td>70.5156</td>
</tr>
<tr>
<td>Retaining arm to secure trailing arm</td>
<td>70.5110</td>
</tr>
<tr>
<td>Ring bolt set</td>
<td>70.5108</td>
</tr>
</tbody>
</table>
**AL-KO CLUB**

"Every euro one point" is the rule for AL-KO Club members. Valid for the purchase of AL-KO, E&P, SAWIKO and Winterhoff accessories. There are valuable rewards from the AL-KO Vehicle Technology product range for the bonus points.

And the replacement programme is not the only advantage of an AL-KO Club membership. Club members will also receive the AL-KO Club newsletter via e-mail on a regular basis. Along with first-hand information, you could also win attractive prizes, e.g. regarding tickets to the large Caravanning trade show in Germany.

Other high-quality, material prizes from the product ranges of AL-KO, E&P, SAWIKO and Winterhoff can also be won by all AL-KO Club members on an annual basis.

Membership of the AL-KO Club is free and can be cancelled at any time. Becoming a member is easy: Register free at www.alko-tech.com/club and profit from the many advantages.