

DRIVING SAFETY COMPONENTS FOR CARAVANS



DRIVING SAFETY

ATC – AL-KO TRAILER CONTROL THE INNOVATIVE ANTI-SNAKING SYSTEM



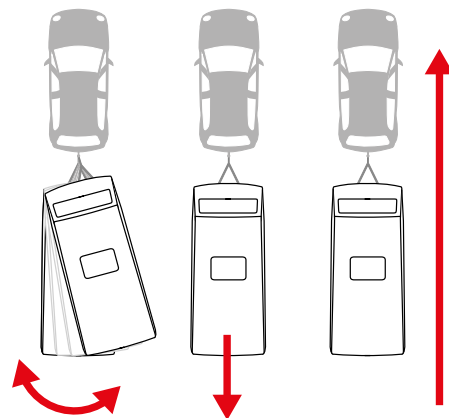
NOW EVEN BETTER

The tried and tested anti-snaking system from AL-KO appears in a new design and offers better responsiveness. The permanent signal evaluation as well as “attention mode”, which the system switches to in the case of an imminent danger, allows the ATC to respond faster than ever. The new ATC therefore provides even better protection against dangerous swinging.



The emergency system responds automatically when the vehicle combination swaying exceeds limit values.

- | Sensors react even to slight lateral accelerations.
- | The caravan immediately brakes automatically.
- | Braking automatically puts the caravan back on track, i.e. there is little risk of a rear-end collision due to sudden, sharp braking, and an overtaking manoeuvre is not affected.



The driving response of the caravan is permanently monitored by the ATC. Sensors detect dangerous lateral movements directly on the caravan axle, even before an ESP system for trailers installed in the car is able to sense the pendulum movement. The caravan will immediately – without any action on the part of the driver – brake gently and return to a stable driving condition.



A clearly visible green **LED** signals the full functionality of the emergency system.

DRIVING SAFETY

ORIGINAL ACCESSORIES



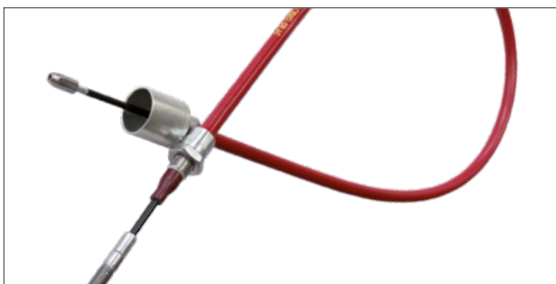
OCTAGON SHOCK ABSORBER

Optimal damping thanks to precise tuning. AL-KO octagon shock absorbers have overload protection and are characterised by high-quality seals and a special oil. They are precisely optimised for a clearly defined weight range and significantly improve the driving characteristics of the caravan. Trailer "oscillation is reduced significantly.



SOFT-BALL

The soft rubber blend protects vehicles against scratches, shins against injuries and clothing from dirt. Available in a variety of colours.



IMPROVE EFFICIENCY

With the original AL-KO Longlife Bowden cables, the brakes respond with more sensitivity and less friction and the Bowden cables last longer. Just like the original AL-KO brake pads that are perfectly customised to the brakes. In short: longer service life and more protection even for long holiday trips!

AL-KO ORIGINAL COMPONENTS

Greater safety both for driving and braking. During servicing always insist on original AL-KO components. As a manufacturer of chassis, shock absorbers and Bowden cables, we know what really matters.



AKS™ 3004

FOUR FRICTION LININGS FOR BETTER LANE HANDLING

THE NUMBER 1 IN EUROPE!

Snaking and pitching movements of the caravan are effectively suppressed before they become serious. As the only anti-snaking coupling on the market, the AKS™ 3004 has four friction linings. That's why it is used by most caravan manufacturers ex works.



IMPROVED ERGONOMICS

Closing the stabilisation handle presses the four friction linings against the car's towball from all sides. The friction thus increased many times over suppresses rolling and pitching movements.

The vehicle combination comes to rest significantly quicker even in an emergency situation.



VISIBLE CONTROL

- 1 Wear indicator for friction pads
- 2 When the green cylinder is visible, the AKS™ 3004 is correctly placed
- 3 Wear indicator for hitch



WS 3000

Specially developed friction elements are pressed axially under high spring pressure against the towball of the car, resulting in the enormous stability of the vehicle combination. As a result, the critical speed at which a vehicle combination becomes unstable and starts to yaw is permanently increased by up to 30%. Your safety advantage!



AAA PREMIUM BRAKE – THE HIGH-PERFORMANCE BRAKE

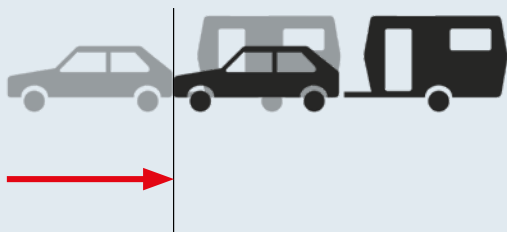


WITH AUTOMATIC ADJUSTMENT

- | The proven wheel brake with its far above-average braking values is supplemented by the automatic adjustment function
- | When driving in reverse, the adjustment is deactivated to prevent the brake from blocking
- | Suitable for wheel brake types 2051 and 2361, and therefore for most caravans with AL-KO axles
- | Quick and easy changeover by pre-mounted AL-KO screw system in AL-KO axles

YOUR BENEFITS

- | **Greater driving safety** thanks to an up to 5 m shorter braking distance
- | **Greater ride comfort** through smooth braking without jolting when setting off
- | **Lower maintenance costs** due to extended service intervals and dispensing with the first workshop visit after 1,000 km
- | **No renewed presentation** to TÜV required following installation
- | **Tip:** Change over to the AAA Premium Brake the next time you change your brake linings, if not before



SHORTER BRAKING DISTANCE, MORE SAFETY

Every metre of shorter braking distance is a “bonus” where safety is concerned. The AAA Premium Brake automatically readjusts the brake as soon as there is too much play. Optimally set brakes ensure the best possible performance and the braking distance is thus shortened.

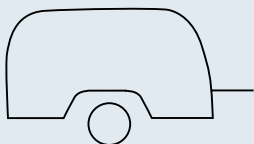
OVERVIEW

ATC TRAILER CONTROL

ATC installation in AL-KO chassis

AL-KO chassis	Gross weight min. – max. kg	Unladen weight min. kg	Part no.
	750 – 1,000	500	1 223 022
	1,001 – 1,300	800	1 223 022
	1,301 – 1,500	1,000	1 223 023
	1,501 – 1,800	1,100	1 223 287
	1,801 – 2,000	1,300	1 225 186
	2,001 – 2,500	1,600	6 958 22
	2,501 – 3,000	2,000	6 958 25
	3,001 – 3,500	2,500	6 958 29
	1,300 – 1,600	1,000	1 223 161
	1,601 – 2,000	1,200	1 223 162
	2,001 – 2,500	1,600	1 223 288
	2,501 – 2,800	1,800	1 730 034
	2,801 – 3,500	2,200	6 958 19

ATC installation in hobby caravan (from model year 1997) with Knott axle

Hobby caravan	Gross weight min. – max. kg	Unladen weight min. kg	Part no.
	750 – 1,000	500	1 225 429
	1,001 – 1,300	800	1 225 429
	1,301 – 1,600	1,000	1 225 430
	1,601 – 1,900	1,100	1 225 431

AKS™ 3004 STABILISER

Type Perm. gross weight	Holes	Connection A Ø mm	B mm	C mm	D mm	Weight kg	Part no.
AKS™ 3004 up to 3,000 kg nose load 150 kg	horizontal* cross**	35 + 50 45 + 50	50 + 54 40	11 18	168	4.2	1 225 158
Safety three-pack***	horizontal* cross**	35 + 50 45 + 50	50 + 54 40	11 18	168	5.4	1 225 155

OCTAGON SHOCK ABSORBER

Single axle	Tandem axle	Colour	Weight kg	Part no.
up to 900 kg	up to 1,600 kg	green	1.3	244 084
up to 1,350 kg	up to 2,700 kg	blue	1.3	244 085
up to 2,000 kg	up to 3,500 kg	red	1.3	244 086
up to 4,000 kg	up to 7,500 kg	black	1.5	244 087

AAA PREMIUM BRAKE

Designation	Part no.
Scope of supply: Complete set for wheel brakes with bolted standard brake back plate from 1999	
Wheel brake 2051 (SA up to 1,500 kg / TA up to 2,800 kg)	1 730 026
RB 2361 (SA up to 2,000 kg / TA up to 3,500 kg)	1 730 298

Member of **DEXKO**
GLOBAL

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