

AL-KO ATC Trailer-Control

Quality and Safety

AL-KO
Vehicle Technology

AL-KO ATC
Trailer-Control

The Anti-Snake System for Caravans and Trailers



Safe driving in all situations!

- Electronic Trailer Stabilising for emergency situations
- Driving safety on uneven road surfaces, when there is a side wind or where evasive action is needed



Quality and Safety

ATC Trailer-Control

Your "Assurance" in critical driving situation



Permanent safety when driving with a car and caravan

If you have already experienced critical driving situations with your car and caravan, you know how sensitively they can react at higher speeds - and the dangers that are out there! Slight evasive action, side wind on bridges or wind pressure when overtaking lorries quickly causes the trailer/caravan to snake. The effect is so great that the trailer "sways" and becomes hard to control.



ATC keeps the caravan/trailer securely on the track!

The ATC is ingeniously simple. Similar to the ESP-system in the car, the AL-KO ATC permanently controls the driving behaviour of the trailer or caravan.

In circumstances that cause the trailer to snake, the lateral acceleration sensors capture the slightest side movements of the ATC-control electronics, even before any ESP in the car is able to register the swinging movements of the car. The trailer is braked immediately - without the drivers's influence. A few seconds of braking power are sufficient until the car and caravan are in a safe driving state again. Controlled braking is carried out by the caravan brakes.



Once you have experienced the advantages of the new AL-KO Trailer Control, you will never want to drive without these "Emergency Electronics" again!

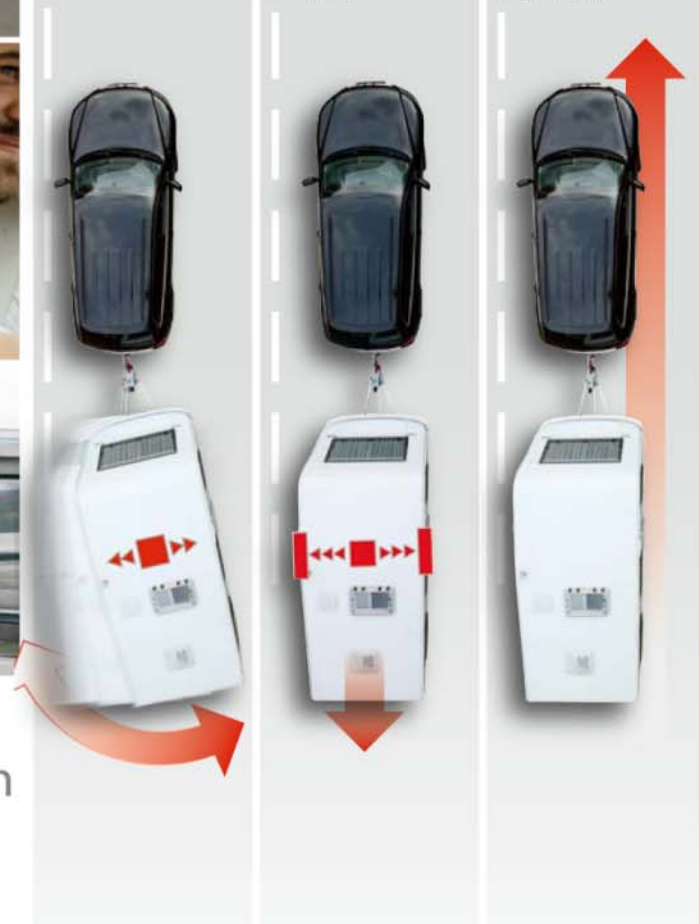
Trust your ESP in the car and you can rely on the ATC in the trailer.



The car and caravan start to skid. ATC-sensors measure the slightest lateral acceleration directly on the trailer axle.

Immediately the ATC automatically brakes the trailer. The driver notices almost nothing of the electronically controlled correction.

A few seconds later the car and caravan are driving safely again. Braking causes the caravan to pull into the track independently.



AL-KO ATC prevents the trailer/caravan from snaking!

Innovative Technology from Europe's leading manufacturer



The best equipped! AL-KO offers several safety components for driving with a car and trailer/caravan. These can be used independently from one another and ensures more stable driving.

ATC – The system for passive safety:
The ATC AL-KO Trailer-Control is an emergency system and activates automatically, if the car and trailer enters a critical oscillating situation. (this is when the trailer starts to sway and gets into a hazardous dimension).

AKS – The system for active safety:
The AL-KO AKS™-Stabiliser device permanently suppresses small swinging and pitching movements in the trailer and increases the critical driving speed by approx. 20 % (ADAC Test Winner).



Both systems complement one another and provide a perfect safety combination:

The new formula for maximum driving safety:

1 + 1 = 3

- acts against snaking
- prevents skidding
- suppresses pitching

AL-KO ATC – retro-fitment:
The ATC can easily be retro-fitted by your dealer, to most caravans fitted with an AL-KO chassis.
No amendments are necessary to the vehicle log book; additionally the AL-KO ATC is maintenance free. You can order the ATC as additional equipment at the same time as placing an order for your new caravan.



Automatic Safety Checks!:

- ☒ The power connection to the car is made using the normal 12S & 12N caravan connection cables.
- ☒ The ATC Trailer-Control-System automatically starts a function test.
- ☒ The LED on the overrun device illuminates green. The system is 100% ready for use.

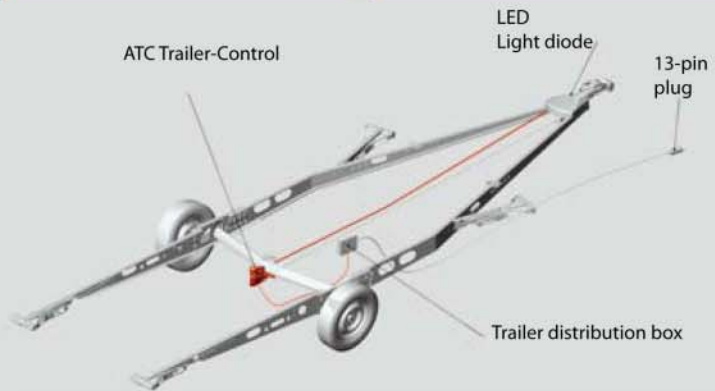
The AL-KO ATC anti-snake system can be operated in addition to ESP systems offered by some car manufacturers.
AL-KO ATC Trailer-Control is a one-off investment with which you achieve constant maximum safety when driving with a car and caravan/trailer.



Drive stably and safely with ATC!

10 Answers to the most important questions

How long does it take to fit the ATC?	Retrofitting approx. 2 hours. Initial fitting ex works approx. 15 minutes.
Must the ATC be entered in the vehicle logbook modification details?	No. Carrying the instructions with the vehicle papers is sufficient.
Where does the ATC get its power from?	The ATC is connected to the trailer distribution box and the supply is provided by the constant positive for the 13-pin plug during travel.
How much power does the ATC require?	(Standard fuse) 15 Amp.
Can the ATC also be fitted on trailers with a (7-pin) plug?	No. The power supply via the 7-pin plug is not sufficient. The system requires the use of electrical connections from the 12 S (white), not the 12N black connection plug. It also works with caravans fitted with the new 13 pin plug.
Where does the LED need to be fitted?	Near the overrun device.
Do the brake lights function when the ATC is working?	No. The ATC brakes the car and trailer softly, in comparison with the car engine brakes. Activation of the brake light is thus not required.
Does the ATC (as the AKS stabiliser does for example) fulfill the new criteria for Tempo 100 (Factor 1.0 for caravan and Factor 1.2 for trailers)?	No. The ATC, (as the ESP for cars) is purely an emergency system and does not improve the critical speed range as an AKS does for example.
Does the ATC need maintenance?	No. The system is maintenance free.
How do I know that the ATC is ready to use?	As soon as the 13-pin plug is connected to the towing vehicle, the ATC makes a complete self-check (1 brake operation and plausibility electronic system check). The function status is shown via a green LED on the overrun device. green = ready for use red = not working (but ready to drive) flashing red = trailer is braking (not ready to drive)
How do I recognise that the ATC emergency system is working in the car?	Soft braking is noticed in the car.



Your AL-KO Dealer

ATC Fitment to AL-KO Chassis

AL-KO Chassis	Gross Weight min. max.	Unladen Weight min.	Part No.
	750 - 1000 kg	500 kg	1223022
	1001 - 1300 kg	800 kg	
	1301 - 1500 kg	1000 kg	1223023
	1501 - 1800 kg	1100 kg	1223287
	1300 - 1600 kg	1000 kg	1223161
	1601 - 2000 kg	1200 kg	1223162
	2001 - 2500 kg	1600 kg	1223288



The AL-KO ATC retro-fit package
 Net weight: 4.5 kg
 Surface Treatment:
 Housing, aluminium & black painted, waterproof



AL-KO – the leading vehicle technology manufacturer in Europe

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