

# AL-KO Air Top



**Instructions:  
for motorhomes and  
commercial vehicles**

Manufacturer

**AL-KO Kober srl.**  
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**Must only be installed on vehicles covered by the Authorization of the manufacturer and in any case that aren't fitted with an ESP (Electronic Stability Program).**

### a) Introduction

Dear customer,

Congratulations on having chosen the new AL-KO AIR-TOP integrated air suspension system. Before using the vehicle on the road, for safety reasons it is essential that you become familiar with the main functions of this supplementary suspension system.

### b) Safety measures

Never fit the suspension on vehicles for which it was not designed. This could compromise the safety and roadholding of the vehicle.

It is strictly forbidden to modify the suspension or components of the same.

Any modifications made without the written approval of the manufacturer releases the same of any responsibility relevant to the product and makes the warranty void. The manufacturer will therefore no longer be responsible for any faults or the consequences of the same.

### WARNING:

Observe the pressures indicated by the installer in the relevant installation certificate, as other pressures could damage the structure of the frame or cause operating anomalies in the braking system.

The indicative working pressures must respect those in the following table:

	Motorhome on standard chassis	Commercial vehicle or Motorhome on special (lightweight) chassis
Min. working pressure	1.5 bar	1.0 bar
Max. working pressure:	3.0 bar (unless there are other indications of the installer)	2.0 bar
Indicative optimal pressure	1.8 – 2.5 bar	depending on load

**NB: In any case the difference in pressure between one side and other, which may be used to compensate a difference in weight between right and left, must never be greater than 0.7 bar.**

**c) Use**

The AL-KO AIR TOP supplementary air suspension does not replace the original suspension installed by the manufacturer.

It intervenes and integrates the same to solve problems caused by heavy or particular configurations of the structure created by the transformation of the original vehicle.

**d) Maintenance and cleaning**

No maintenance required. You can wash the parts with water to remove any salt that may have deposited after road use.

**e) Spare parts**

The spare parts are safety components. If non-original AL-KO spare parts are used, the manufacturer is relieved of all responsibility relevant to the product, and the warranty is void. The manufacturer is no longer responsible for any faults or the consequences of the same. Do not underestimate the damage that can be caused and the possibility of injury to people that can derive from the use of non-original spare parts!

**f) Troubleshooting**

Problem	Origin	Solution
Low pressure readings on the pressure gauges	Inflation valve dirty	Unscrew and clean with an air jet, then reassemble carefully
	Pipe isn't installed correctly on inflation unit fitting	Disconnect the pipe by pressing the orange ring. Cut with a Stanley knife and reassemble, making sure it is a good fit.
A pressure gauge reads zero	Puncture in air spring	Lower the pressure in the undamaged spring to 0.7 bar and take the vehicle to the nearest service centre.
Pressure goes from one pressure gauge to the other <b>(only on commercial vehicles)</b>	Impurities in air circuit	Remove the three plugs on the valves (inflation/deflation) and blow into the two deflation valves with a low power air jet (max. 2 bar), then reassemble carefully.

**NB:** In any case, in the case of an anomaly we recommend contacting your nearest AL-KO service centre as soon as possible.

## WARRANTY

AL-KO products are covered by warranty for 24 months from the date of purchase. Each component should have an installation certificate, every part of which must be filled in by the installer.

### INSTALLATION CERTIFICATE

With this certificate, the Company (see stamp) declares to have installed the integrative suspension units to a professional standard in accordance with the manufacturer's installation instructions.

***The pressures indicated below must be respected to obtain the correct performance.***

***In the case of a change in the load on the rear axle, contact your nearest service centre to readjust the system.***

**Pressure in left circuit (BLACK):**

**Pressure in right circuit (RED):**

\_\_\_\_\_ bar

\_\_\_\_\_ bar

Date of installation:

Installer's signature and stamp:

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Vehicle based on (rolling chassis):

Manufacturer/outfitter of vehicle:

- FIAT
- FORD \*
- IVECO \*\*
- RENAULT
- OPEL \*
- NISSAN \*
- VOLKSWAGEN \*

- \_\_\_\_\_
- Motorhome on standard chassis
- Motorhome on special chassis
- Commercial vehicle

\* = Authorization of manufacturer unavailable

\*\* = Authorization of manufacturer being issued

**Approved by customer:**

name / surname:

date

signature