

**AL-KO** OCTAGON

**Shock Absorber**

**AL-KO**



# OCTAGON SHOCK ABSORBERS

IMPROVED RIDE COMFORT & ROADHOLDING

QUALITY FOR LIFE

# AL-KO OCTAGON SHOCK ABSORBERS

## IMPROVED RIDE COMFORT & ROADHOLDING

MANUFACTURED BY INDUSTRY LEADERS AL-KO, AND CONFORMING TO THE HIGHEST STANDARDS, THE OCTAGON SHOCK ABSORBERS PROVIDE A HOST OF FEATURES AND TECHNOLOGICAL INNOVATIONS UNIQUE TO THE RANGE;



### PRODUCT FEATURES

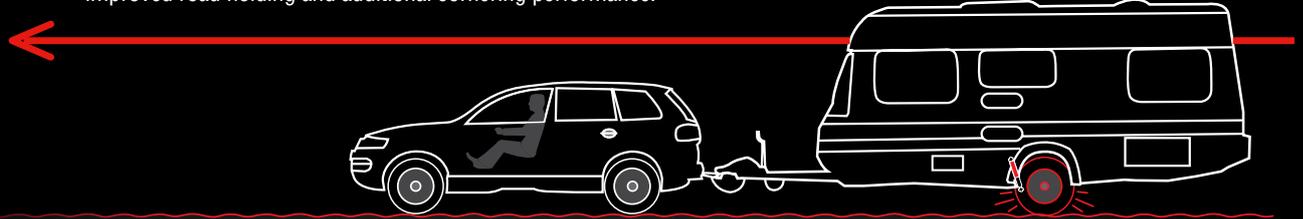
- Designed exclusively for Euro-Axles
- Four weight ranges provide optimum damping for your caravan.
- Provided with a complete retro-fit kit for simple, quick installation.
- Colour coded for easy identification
- Improved ride comfort and road holding
- Robust, resilient technology - Highly resilient seal between the inner and outer tubes to protect the piston shaft from dust and dirt.
- Overload protector - prevents overstressing of material (over stressing decreases the response curve).
- Longer life - High quality seals used throughout for longer life.
- Minimal Friction - The piston valve is manufactured in chromated sintered material. This minimises friction and the accumulation of dirt and also considerably increases shock absorber life.
- Temperature resistance - AL-KO uses a specific oil which is unaffected by temperature. Chemical additives prevent the formation of bubbles and inhibit noise.

### COMFORT AND ASSURANCE

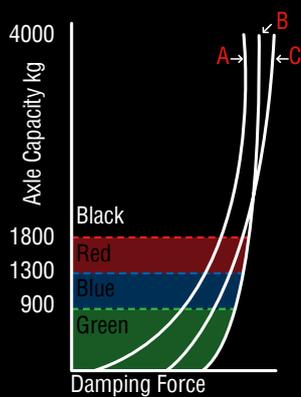
For unparalleled levels of comfort and assurance AL-KO has created the Octagon Shock Absorber range. A selection of four, colour coded devices provides the optimum level of support and damping for your trailer or caravan.

Shock absorber technology unique to Octagon suppresses the effects of uneven road surfaces providing a smoother, more enjoyable ride. With an improved ride comes additional support for the caravan or trailer, vastly increasing stability and road holding ability.

Increased stability from Octagon Shock Absorbers provides improved road holding and additional cornering performance.



Additional damping support efficiently suppresses uneven road surfaces and ensures a safer, more comfortable ride.



The Hysteresis Diagram (left) demonstrates the improved damping performance provided by the AL-KO Octagon Shock Absorber on a single axle chassis.

- A - Damping curve AL-KO hexagonal rubber suspension axle
- B - Damping curve of previous dampers
- C - Optional curve of AL-KO Octagon damper

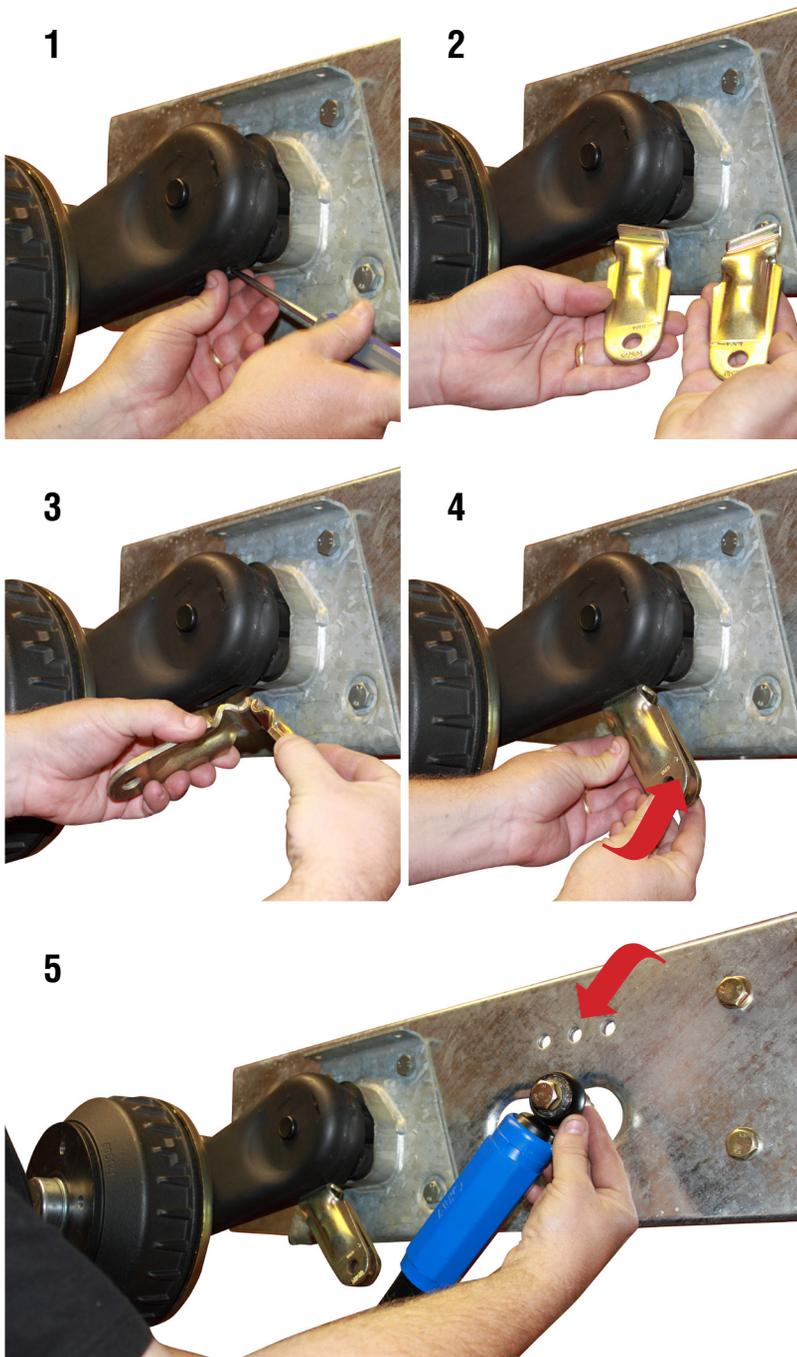
PART NO.	601204	601205	601206	601207
Colour code				
Single Axle Weight (GVW)	Up to 900kg	901-1300kg	1301-1800kg	1801-4000kg
Tandem Axle Weights (GVW)	Up to 1600kg	1601-2600kg	2601-3500kg	3501-7500kg

## SIMPLE, EASY FITMENT

Designed specifically to complement the ALKO Euro-Axle, the Octagon Shock Absorber is available as a comprehensive retro-fit kit.

Getting on the road with your Octagon Shock Absorber could not be simpler. Each retro-fit kit contains two AL-KO shock absorbers, four mounting brackets and all the necessary fixings for quick and simple installation. All it takes is a few tools and twenty minutes per axle.

# HOW TO FIT AL-KO SHOCK ABSORBERS



- 1 Use a screwdriver to pry out the plastic cap on the underside of the swing arm, revealing the hole for the shock absorber brackets. Some chassis may already have the brackets welded in place. If so skip to step 5.
- 2 Take the two brackets from the shock absorber kit.
- 3 Open up the brackets and hold them so the top edges are aligned, and slot them into the hole under the swing arm.
- 4 Pull the brackets together to lock them in place. Check the brackets are correctly positioned by ensuring the arrows engraved into the brackets are pointing to the front of the trailer or caravan. Note that there will be a gap at the bottom of the two brackets.
- 5 Take the shock absorber, and with the coloured section at the top, and black section at the bottom, insert the top screw into the middle hole on the chassis and secure with an M12 lock nut.

AL-KO Shock Absorbers are available at [www.al-ko.co.uk](http://www.al-ko.co.uk)

## HOW TO FIT AL-KO SHOCK ABSORBERS



- 6 Insert the bottom screw into the holes in the brackets. It may be necessary to compress or extend the shock absorber to facilitate this step.
- 7 Secure the bottom screw with a nut and tighten to 86Nm using a torque wrench.
- 8 Tighten the top screw to 86Nm using a torque wrench.

AL-KO Shock Absorbers are available at [www.al-ko.co.uk](http://www.al-ko.co.uk)