

## CARSUPPORT EXTRA HEAVY DUTY KIT: KR6103E

### ATTENTION:

- This EHD-set is especially designed for motorhomes and other permanent heavy loaded cars. The minimal permanent rear axle load should be min. 1100kg. For less heavy loaded cars other aux.spring sets are available. See our catalogue.
- This set is intended for cars with leaf springs. For an AL-KO torsion-axle are other sets available, see our camper catalogue.
- For the front side special replacement springs are available, which will raise the front 4-6cm!

MAKE:	TYPE:		YEAR:
Citroën	Jumper 29, 33, 35	excl. 4x4	'02-'06
Fiat	Ducato 11, 15, 18	excl. 4x4	'02-'06
Peugeot	Boxer 290, 330, 350	excl. 4x4	'02-'06

### PARTS

- (1) 2x upper seat
- (2) 2x spacer
- (3) 2x bolt M10x1.25
- (4) 4x auxiliary spring
- (5) 8x rubber spring seat
- (6) 4x lower seat
- (A) original bump stop

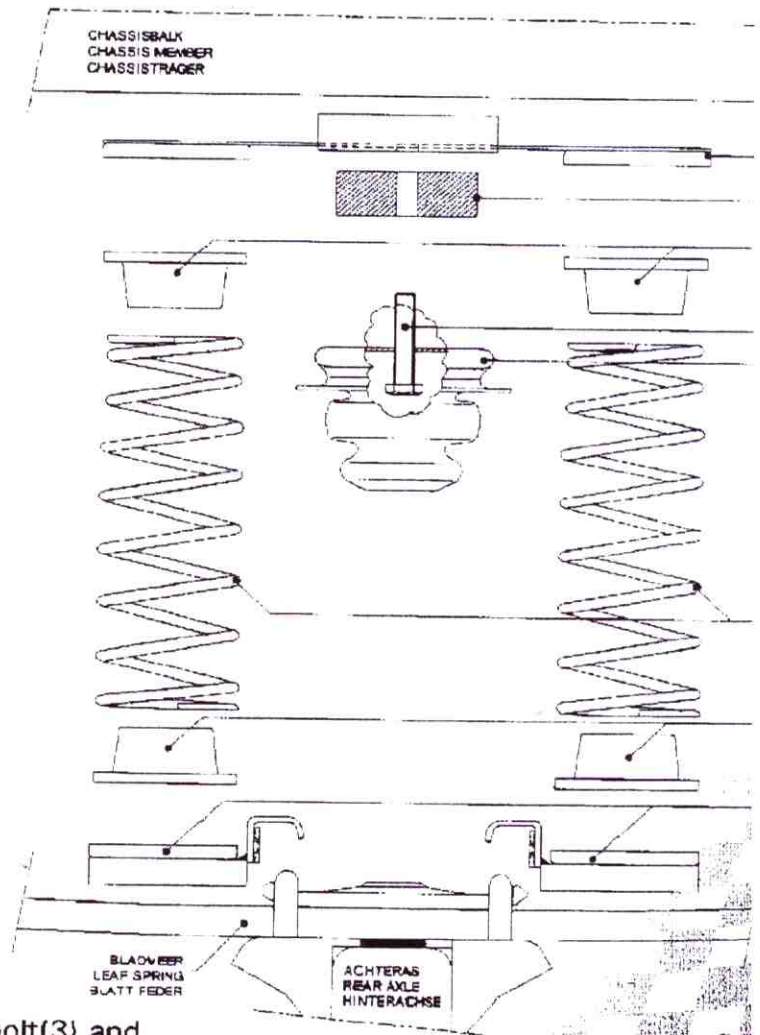
### PARTS ALR-modification (PTO)

- (7) 1x brake adjuster plate
- (8) 1x washer M8
- (9) 1x bolt M8
- (B) original bolt M8
- (C) bolt of ALR-adjuster

### INSTRUCTIONS

- Cars with ABS: go to instruction 2.
  - Cars without ABS: the loadsensing brake valve has to be adjusted.

**Before fitting the kit** read point 1 of ALR-instruction R51.005 (PTO).
- Jack up car until rear wheels are off the ground.
- Remove original bump stop(A)
- Pull original bump stop from seat. Remove original bolt from seat by knocking it loose. Please properly support the seat around the bolt head.
- Place upper seat(1) with spacer(2) over stud bolt(3) and fit original bump stop(A).
- Place lower seats(6) onto the leaf spring, see figure.
- Place rubber spring seats(5) and auxiliary springs(4).
- Lower the car.
- Only cars with loadsensing brake valve (without ABS):  
 After fitting the auxiliary springs adjust the loadsensing brake valve as in ALR-instruction R61.003 (PTO).



**Loadsensing brake valve adjustment:**

**ALR-Instruction R61.003**

<u>MAKE:</u>	<u>TYPE:</u>	<u>YEAR:</u>
Citroën	Jumper 29, 33, 35	'02-'06
Fiat	Ducato 11, 15, 18	'02-'06
Peugeot	Boxer 290, 330, 350	'02-'06

Only necessary for cars with loadsensing brake valve (without ABS)

**INSTRUCTIONS**

1. Before fitting the kit:  
Position the car onto a level area and measure the length X of the loadsensing brake valve. Make a note of length X in figure below.  
(Length X is needed to adjust the brake valve after fitting the kit)
2. Now install kit according to fitting instruction FKR6103.
3. Before adjusting the valve, drive the car approx. 10m so that the suspension can settle down to the new ride height. Position the car onto a level area.
4. Disconnect the bracket of the ALR-adjuster from the rear axle.
5. Place ALR-adjuster plate(7) between the bracket of the ALR-adjuster and the rear axle, see figure.
6. Release bolt(C) and shift until length "X" is again the previous measured length.
7. Tighten bolt(C).

If the auxiliary springs are removed, adjust the loadsensing brake valve according to car-manufacturer's manual.

