

# GRAYSTON ENGINEERING LIMITED

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CARSUPPORT

STANDARD

HEAVY DUTY

21B03

21B03H

MAKE:

TYPE:

YEAR:

Ford

Transit rear wheel drive

2000-

twin wheel

## CAR HEIGHT

After fitting the rear of the car will raise:

- Standard set

approx. + 20 mm

- Heavy duty set

approx. +30 mm

LOCATION (see letter in set number)

"B": on position of bump stop (outside main spring)

#### PARTS

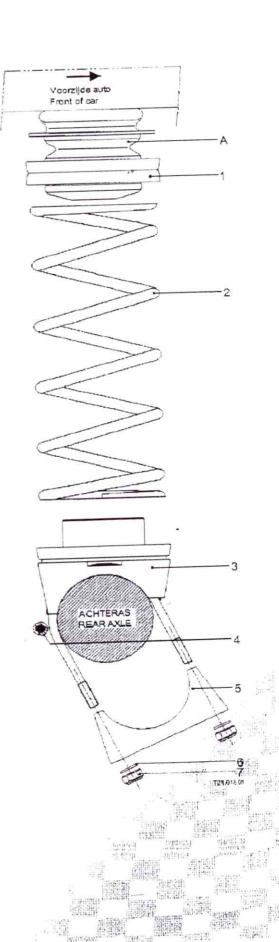
- (1) 2x upper seat
- (2) 2x auxiliary spring
- (3) 2x lower bracket
- (4) 2x protection hose
- (5) 4x clamp support
- (6) 8x washer M8
- (7) 8x locknut M8
- (A) original bumpstop

## TOOLS:

Spring compressor is needed.

## INSTRUCTIONS

- 1. a. Cars with ABS: go to instruction number 2.
  - b. Cars without ABS: before fitting the new kit measure length X of the loadsensing brake valve, See instr. 1 of ALR-instruction R21.004 P.T.O.
- 2. Jack up car until rear wheels are off the ground.
- 3. Place lower bracket(3) onto the tear axle beneath original bump stop(A).
- 4. Fit clamp support(5) onto lower bracket(3) and slightly tighten with washer(6) and lock nuts(7). Assure sufficient brakepipe clearance.
- 5. Place protection hose(4) on the brake pipe.
- Place auxiliary spring(2) with upper seat(1), use a spring compressor.
- 7. Let car down and adjust lower bracket(3) to straighten auxiliary springs(2). Tighten nuts(7).
- 8. Only cars with loadsensing brake valve (without ABS): After fitting the auxiliary springs adjust the loadsensing brake valve as in ALR-instruction R21.004.



# Loadsensing brake valve adjustment:

#### ALR-Instruction R21.004

MAKE: TYPE:

YEAR:

Ford

Transit

2000-

Rear wheel drive

#### INSTRUCTIONS

- 1. Position the car onto a level area and measure and make a note of the dimension X as in fig.1 of the loadsensing brake valve.
- 2. Install kit according to fitting instruction F21A18.
- 3. Before adjusting the valve, drive the car approx. 10m so that the suspension can settle down to the new ride height.
- 4. Position the car onto a level area.
- 5. Release bolt(1) and shift until "X" is the measured length, see drawing.
- 6. Tighten bolt(1) with17.5 ± 2.7 Nm

If the auxiliary springs are removed, readjust the loadsensing brake valve to length X or according to car-manufacturer's manual

