



Camber and Toe Kit

17.10.2005

Tyres are expensive!
Traction improvement!
Reduces premature/uneven tyre wear!
No more damage to the 4x4 transfer box due to extreme negative camber values!

The Kit Fits:

Opel Vectra/Cavalier/Calibra with trailing arm for rear axle suspension and Carlton/Omega/Senator.

Benefits:

- Get it right 1st Time!
- Twice the adjustment range of most other brands!
- No special adjustment tools are required!
- 'Old bush' extraction tool is supplied!
- The complete kit includes Urethane bushes with hardened and nickle chromed eccentric fittings, which have spiral 'grease grooves' for maximum bush life!

Take alignment readings 1st. – Fitting time approx 2.5 hours

1.

Remove rear shock absorber lower mount bolt. Disconnect Torsion bar pivot links (also, if fitted, unclip the pivot on the ride level control).

Jack up & support the vehicle, so wheels are on full 'droop'/**spring not in tension**. Remove the metal sheet protector where the brake tubes are mounted onto the chassis. Pull the brake tube out of its bracket (the brake system remains intact). Remove the control arm to cross member bush mounting bolts. The arms can then be lowered to expose the bushes.

2.

Remove the old bushes, using the extraction tool. **Hint:** Cut the rubber lid off the old bush, it will be easier to remove the old bushes. Clean the mounting holes in the arms before installing the urethane bushes. (Ensure the bushes are fitted with the **large hole outward**).



3.

Fully lubricate and press steel eccentric fitting in, using multigrips.



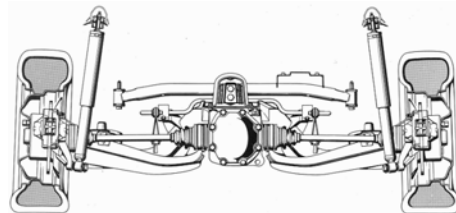
Reassemble all the components using the special D - shaped bolts to reconnect the arms.

Note:

The washers supplied are fitted on the **outside** of each frame mount!

Wheel alignment (Settings)

Simply turn the 'D'-bolts. The kit allows you to achieve optimum settings even when installed.



Suggested camber neg. -1.25° to -1.50° per side and total Toe $0^{\circ}02'$ to $0^{\circ}52'$

OUTER mounts

For minimum negative camber, check nuts are loose and rotate bolt till both bush mount offsets are vertically DOWN. (Vectra/Cavalier/Calibra – adjust rearwards to maintain clearance to the cross member)!

INNER mounts

Rotate bolt until bush mount offsets are vertically UP, then fine adjust the INNER mounts for TOE. Once optimum settings are obtained, hold the head of the bolt in position and fully torque the four nuts to 72Nm or 53ft/lbs. (Vectra/Cavalier/Calibra – recheck the bush mounts have clearance to the cross member)!

Important!

On completion 'recheck' that nuts are 'fully tight' and secure with split pins.