

# Fitting Instructions

## KCA328

**WHITELINE**  
AUTOMOTIVE  
PO Box 5666, Minto, NSW, 2566 Australia  
Ph: 61 2 9603 0111 Fax: 61 2 9820 2500  
E-mail: admin@whiteline.com.au  
A.B.N. 68 073 002 034

*Flat out*

Code: Z371

### Application:

- Ford Falcon AU series, 98-02
- Ford Falcon BA-BFseries, 02-07

*Always refer to current catalogue for complete application listing.*

**KCA328** is a shim-type front Camber/Caster Adjustment Kit designed to provide adjustability of the front suspension.

Each kit contains new front upper control arm inner mounting brackets and a range on adjustment shims.

### Contents:

- 4 x replacement brackets
- 8 x hex lock nuts
- 6 x 6mm thick shims
- 4 x 3mm thick shims
- 8 x 1.6mm thick shims



Photo 1.

### Fitting Instructions:

Please carefully read and follow complete fitting instructions and check kit components prior to fitment. Whiteline recommends that all work be carried out by a qualified technician.

Installation of this product is best done with the vehicle on a hoist / lift.

1. Check wheel-alignment settings prior to any disassembly so correct settings can quickly and easily be obtained.
2. Raise the vehicle with a hoist / lift or alternatively raise and support on safety chassis stands and remove front wheels
3. Remove the original upper control arm inner mounting brackets.
4. Fit the new brackets to the control arm, but do not tighten the pivot bolts at this stage.
5. After deciding to increase or decrease and the amount of caster or camber adjustment, fit the required shim stacks supplied to the front and/or rear brackets.

*Note: KCA328 with a shim stack of 1 x 6mm, 1 x 3mm & 1 x 1.6mm shims fitted to the front and to the rear brackets are the approximate dimensions of the original brackets removed from the vehicle. Therefore, this shim setting will give the same wheel alignment settings as checked before fitment of this kit.*

#### Camber adjustment guide:

A shim stack of 9mm fitted or removed from the front and rear bracket together changes the camber by approximately 1 degree.

#### Caster / Camber adjustment guide:

A shim stack of 6mm fitted or removed to the front bracket only, changes the caster by approximately 1 degree and also changes the camber by approximately 0.3 degree.

A shim stack of 6mm fitted or removed to the rear bracket only, changes the caster by approximately 0.5 degree and also changes the camber by approximately 0.5 degree

6. Re-assemble the control arm to the chassis, making sure the shims are located correctly.
7. Tighten the inner mounting nuts to 35Nm.
8. Refit the wheels, lower the vehicle.
9. With the vehicle at normal ride height, tighten the upper control arm inner pivot bolts to 35Nm.
10. Check wheel alignment settings and adjust as required.

**Warning: Please drive carefully while you accustom yourself to the changed vehicle behaviour.**