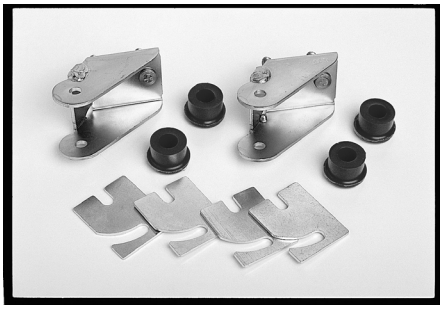
FITTING INSTRUCTIONS

CASTER & CAMBER ADJUSTMENT KIT

Suits: FORD FALCON / FAIRLANE / UTE AU - BF Falcon



Kit Contents

Complete Housings	**x 2**	**3.0mm Shims**	**x 12**	**Self Locking Nuts**	**x 4**
Replacement Bushes	**x 4**	**1.5mm Shims**	**x 4**	**Crush Tubes**	**x 2**

N.B: These instructions should be used in conjunction with workshop manual.

Note: One kit adjusts one side only.

1. For AU-BA std height to XR
   Use standard replacement kit - +/-1.5deg camber +/-1.5deg caster kit.
   For XR height or lower -Use +/-2.5deg camber +/-2.5deg caster kit. Refer current catalogue for part number.
2. Perform normal pre-alignment procedures and then record the alignment angles.
3. From the previous information and the suggested alignment settings, determine whether one or both sides require adjustment.
4. Raise the front of the vehicle and support on chassis stands, remove the front wheels.
5. Remove the 4 original pivot mount retaining nuts inside the engine bay.
6. Swing out upper wishbone and fit pivots as direct replacement for the original pivot mounts.
7. It is now necessary to calculate the shim pack required. To do this the following information should assist. (Figures are only approximate).
   Note: To obtain the initial figures as those with the O.E. pivots fit 1x6mm, 1x3mm & 1x1.5mm shims to both pivots. This should make the shim stack calculation easier. Eg, Housing +10.5mm shim pack = O.E. Pivot.
8. Proceed with alignment settings as suggested below, if desired settings cannot be achieved refer section
   To Alter Camber-Caster

Suggested alignment angles*:

Camber:	-0.75 deg+/-0.25 deg
Caster:	+7 deg+/-0.25 deg
Total toe:	1mm total +/-0.5mm

***If these desired settings cannot be achieved refer to point 1**

To Alter Camber:

- Removing shims at front and rear will move camber to the negative.
- Adding shims at front and rear will move camber to the positive.

Fitment or removal of 6.0mm shim from front and rear = 0.6 deg change.
Fitment or removal of 3.0mm shim from front and rear = 0.3 deg change.
Fitment or removal of 1.5mm shim from front and rear = 0.15 deg change.

To Alter Caster:

- Removal of a front shim and reinstalling it in the rear moves caster to the negative.
- Removal of a rear shim and reinstalling it in the front moves caster to the positive.

Transfer a 6.0mm shim from one pivot to the other = 2 deg change.
Transfer a 3.0mm shim from one pivot to the other = 1 deg change.
Transfer a 1.5mm shim from one pivot to the other = 0.5 deg change.

9. Reinstall the top control arm with the relevant shim stacks in place. Fit the new nuts supplied and tighten to 35Nm.
10. Refit the wheels, lower the vehicle and bounce the front of the vehicle to settle the new suspension into its normal ride position. Tighten the 4 Inner pivot bolts to 35Nm.
11. Recheck camber & caster. Adjust toe and road test vehicle. If desired specifications cannot be achieved**, refer point 1.**

Note: Additional shim kits are available. Refer website for part numbers.

N.B: It is recommended that a licenced workshop or trades person carry out the above procedure and that workshop manual and relevant safety procedures are followed in addition to the above.

Copyright ABN 99 124 177 297