

Nolathane Part No's. 45146X & 45342X

New "SCREW DRIVE" Camber & Caster Kits – No More Shims!

Front upper inner control arm mounts & bushes

45146X - All Falcon EA-EL 11/87 - 7/98

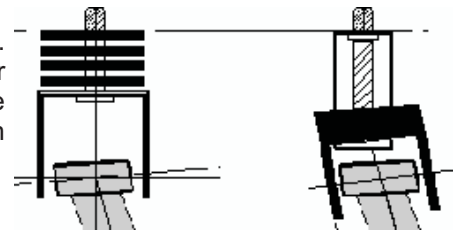
45342X - All Falcon AU-BF 8/98 - on



Nolathane Falcon "Screw Drive" Camber & Caster kits make shims obsolete

Front camber and caster alignment on all Falcon's from EA to BF use a shim system between the upper inner control arm housings and the inner guard. This system has limited adjustment and it is common to replace these housings with aftermarket units that permit the use of more shims or are offset for additional adjustment. This alignment system is time consuming and adjustment is limited by the shim thickness.

This shim system also places extreme loads on bushes when more caster is required. The head of the housings and therefore the bushes always sit parallel to the inner guard, however when more caster is required there are typically more shims on the front housing and less on the rear. This causes the inner arm bolts to load the bush flanges leading to premature bush failure. *Refer Diagram 1*



On XR6 Turbo & XR8 models it is difficult to access the mounting nuts for the upper inner control arm housings due to the limited space between the turbo or engine and the inner guard. In most cases it is necessary to access these from underneath - not much fun every time



Nolathane's new "Screw Drive" camber & caster kits solve all of the above problems at a very competitive price. The unique "Screw Drive" system uses a large locknut on the base of the assembly and is adjusted via the head of the "Screw Drive" bolt at the front of the housing. The fine thread of the "Screw Drive" enables fine tuning of camber & caster with the added advantage of easy adjustment live on the aligning head. Once installed all adjustment is carried out under the guard - no need to lift the bonnet!

Head of housing can "self align" to arm reducing stress on bushes

Head of "Worm Drive" bolt – simply turn to adjust

Locknut secures the system



The head on the housing has a limited amount of swivel which enables self alignment with the arm, thus extending bush life significantly. The design will not "freeze" up or self adjust which has been a problem in the past with other non-shim designs.

Kits are packaged as pairs so two kits are required to do both sides of the vehicle and bushes are included.

The inner mounting holes on the 45342X are for AU-BF down to & including XR ride height and the outer mounting holes provide additional 1 degree positive adjustment on vehicles below XR height. This means that only two part numbers are required for all Falcons from EA-BF.

The existing **Nolathane** shim type kits will continue for the price conscious customer.

N.B.: **Nolathane** DO NOT recommend the use of Falcon camber / caster kits for use on Ford Territory as it removes the anti-dive geometry originally built into Territory. Refer to update 0702 or part #45542 for more details.

Designed to integrate and offer a fully balanced handling solution. **Nolathane** suspension offers replacement bushes and alignment products. So for a catalogue, brochure or technical information on any of the **Nolathane** products contact the Redranger team on **1300 88 2355** or visit **www.nolathane.com.au**

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