

CHRYSLER 300C

Nolathane's complete range of products to suit the iconic Chrysler 300C



They say beauty is in the eye of the beholder. Chrysler's 300C luxury sedan is a case in point. If there's any car in the marketplace at the moment that's totally changing public opinion, it's this car - a "bling bling" car for sure but one that's winning the hearts and minds of plenty of people looking for an affordable "Benz on a budget" alternative. Like it or hate it's certainly distinctive, with presence and lots of attitude. It stands out from the crowd because of its almost retro design, wheel arch flares, small glass area, deep side body panels, big bum and a supremely imposing grille that would be at home on the front of a semi. Not to mention the 18" wheels (some owners are fitting 22" wheels and tinting the windows for the ultimate "Bling" look). It's distinctive alright – **Nolathane** has never driven a car that has attracted so much attention wherever it goes.

Driving the Chrysler 300C 5.7 V8 at anything but billiard smooth highways, shows large amount of disconnection between the driver and the road. This is due to high compliance bushes, very soft ride with poor dampening and low roll control. This gives the suspension a lot of room to move about, greatly delaying driver inputs. Giving the front wheels a mind of their own, and makes the driver feel more like a passenger. It is very difficult to drive the car at anything above 7 tenths of its potential, as constant mid-corner corrections are required to maintain desired direction, and leaves no room for any evasive corrective action. The ever changing weight transfer produces a floaty ride.

Having **Nolathane** Suspension solutions fitted to the vehicle will totally transform the car into a sportier free flowing driver's vehicle. The Chrysler 300C will soar to new heights in areas such as driver feel and response as the car has an enormous amount of potential for sports and performance enhancement. The new range of **Nolathane** Suspension for this vehicle have been designed specifically to provide more control at speed, improve driver stability with enhanced chassis dynamics. **Nolathane** takes pride in the new range of sports and performance suspension it now has on offer for this iconic vehicle, which will no doubt enthrall the sports conscious driver.

Nolathane Swaybars

The best bang for your buck and biggest improvements to the handling on the 300C is by fitting up rated adjustable front and rear **Nolathane** swaybars to the vehicle. This removes the sensation as mentioned above of the disconnection between the driver and the road. By stabilising excessive body roll and suspension movement, cornering loads are spread more evenly across the tyres. Comfort improves because your car sits flatter through bends, so a **Nolathane** swaybar will make your suspension system deliver more grip, improved tyre wear as your tyres stay flatter and more upright, making the car more responsive while delivering more grip, without reducing comfort.



Essential Front Kits

The essential **Nolathane** kit for the front of the 300C is the Bump Steer correction kit **41113**, with the original front bump steer design having 9mm of bump steer and the **Nolathane** solution reducing this to 3mm. Bump steer analysis showed that 40mm of compression (lowering) to give approximate -1deg gain.



Original front wheel alignment showed large amount of caster, with a small amount of camber. Although there is factory adjustment for front camber and caster through inner pivot bushes, the adjustment range is relatively low, and it is very cumbersome to adjust. The solution here was to replace the original bushes with standard non-adjustable bushes at the bottom, and move the adjustment to the upper arm with user friendly adjustable inner bushes **45570**. The result is easier and more precise adjustment with more adjustment range allowing dial-in more suitable settings for spirited road use.



45570 Control Arm Upper Inner Camber and Caster Adjustable Kit

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Essential Rear Kits

With rear wheel alignment readings, found to be bordering on the limit for road use at factory ride height. With no factory adjustment available and a quite aggressive camber curve, any lowering will throw this over the limit creating a situation that will cause an increase in tyre wear. **Nolathane** can now offer rear camber and toe adjustment kits to provide adjustment for camber via fully adjustable upper control arm bushes.

The rear end of the 300C suffers from soft rear cross member mount bushes allowing the rear end to walk around under heavy acceleration, breaking and cornering loads. **Nolathane's** solution here is rear cross member mount bushes **49172**. These bushes replace the original soft rubber bushes with a voided urethane version thus ensuring that no Noise, Vibration or Harshness (N.V.H.) is induced into the vehicle, but producing a crisp, precise rear end of the car.



49172- Rear Crossmember Front and Rear Mount Kit

Please find below a full listing for all **Nolathane** parts to suit Chrysler 300C LE including Touring 11/05 on

For R	Description	Nolathane Part #	Kits Req	# in Pack	Veh Kit	Notes
	300CLEincl Touring 11/05-on					
F	Control arm - front lower inner	45567	1	2		
F	Control arm - rear lower inner	45568	1	2		
F	Control arm - upper inner (adj)	45570	1	4		Camber & caster adjustable
F	Shock absorber - lower	43107	1	2		
F	Steering - rack & pinion mount	41113	1	4		Bump steer correction
F	Swaybar - X heavyduty	NCF12	1	1		32mm
F	Swaybar - heavyduty blade adjustable	NCF12Z	1	1		32mm
F	Swaybar - link kit	42717	1	2		Heavy duty vehicle specific ball/ball style swaybar link
F	Swaybar - mount 30mm	42522	1	2		Suits standard swaybar
F	Swaybar - mount 32mm	42523	1	2		Suits Nolathane NCF12 & NCF12Z sway bars - replacement kit
R	Control arm - lower inner	46275	1	4		Suits inner mounting point only as outer is a spherical joint
R	Control arm - upper (std)	46276	1	4		Std replacement
R	Control arm - upper (adj)	46277	1	4		Camber adjustment
R	Crossmember - front & rear mount	49172	1	8		
R	Radius arm - upper	46276	1	4		Std replacement
R	Shock absorber - lower	43108	1	4		
R	Shock absorber - upper	43110	1			Std replacement
R	Swaybar - heavyduty	NCR15	1	1		18mm
R	Swaybar - heavyduty blade adjustable	NCR15Z	1	1		18mm
R	Swaybar - link kit	42718	1	2		Heavy duty vehicle specific ball/ball style swaybar link
R	Swaybar - mount 14.5mm	42524	1	2		Suits standard swaybar
R	Swaybar - mount 18mm	42525	1	2		Suits Nolathane NCR15 & NCR15Z swaybars - replacement kit
R	Toe link - inner & outer	46282	1	4		
R	Trailing arm - lower front	46281	1	2		
R	Trailing arm - lower rear	46283	1	2		

Part of a total handling system Designed to integrate and offer a fully balanced handling solution, **Nolathane** suspension offers bushes, sway bars & alignment products. So for a catalogue, brochure or technical information on the new 300C range or any of the **Nolathane** product contact the Redranger team on 1300 882355 or visit www.nolathane.com.au

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