

COMPANY AT A GLANCE

Redranger

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BRAND NAME: Nolathane

DISTRIBUTION: Australia, New Zealand



Did you know that Nolathane was originally designed to replace brass bushings in vehicles competing in hillclimb events?

Therefore the early formulation was very hard, as it was designed to replace brass, not rubber! Whilst it was great for competition use it was too harsh for normal street use.

Over the years, just like vehicle & suspension system designs, things have changed. Today Nolathane is manufactured in various durometers (grades of softness/hardness), with the correct durometer selected for each application. In fact the hardest grade used in Nolathane competition bushes today is actually much softer than the original street formulation!

Today's softer Nolathane formulations have even higher resistance to tear, abrasion & compression. Nolathane is constantly working to improve it's products and their performance particularly in 4WD. Whilst modern four wheel drive vehicle handling has improved, it remains a compromise between ride, handling and traction in both on & off-road situations. Tyre wear on larger 4WD's can be an issue and raising these vehicles can make the situation worse. Many large, raised 4WD's can suffer from nervous steering & vibrations at highway speeds.

Nolathane part number 45425 is a kit of 4 offset caster bushes which install into the leading arms that mount the front axle. These offset

bushes provide 2.0 degrees positive caster on GQ/GU Patrol and 2.5 degrees positive caster on 78/79/80 & 100 series live axle Landcruisers. Thus, restoring caster lost when raising the vehicle. Many standard height GU



Shows voiding in offset castor bushes

Patrols develop a front end vibration between 80 to 100 kilometers per hour, 45425 will also help to reduce this.

The Nolathane kit for Land Rover Discovery, 110 & Range Rover rear trailing arm front bushes have a simple 2 piece bush system which mounts the bushes on an angle into a new steel mounting plate (included in the kit). This design ensures the rear trailing arms do not "load up" the bushes at normal ride height, which in the rubber units, leads to premature failure. Part numbers are 48038 (16mm ID) & 48040 (20mm ID).

Nissan Patrol & Pathfinder rear trailing arm bushes have been improved to provide greater articulation of the rear axle via an under-cut or void beneath the bush flange. This permits the trailing arms to articulate slightly on the bushes allowing full droop on one side and full compression on the other.



Landrover rear trailing arm, front bush kit.

Along with the Nolathane "Budget Buster" bulk bush programme for high volume users of 4WD spring eye & shackle bushes, Nolathane have your 4WD needs covered. Contact the Nolathane team on 133 882 355 or tech@redranger.com.au for your nearest Nolathane stockist.

Patrol/Pathfinder trailing arm bush kit.



WANT IT TO HANDLE?

NOLATHANE YOUR STREET MACHINE!

Nolathane suspension bushes synchronise your suspension system for optimal safety, handling and performance. They are the most positive link between your vehicle's springs, struts or shocks.

Nolathane offers alignment correction and adjustment via offset bushes, shims, eccentric centre tubes and adjustable strut mounts.

Unlike soft rubber bushes, which distort under heavy braking or cornering loads, Nolathane bushes maintain alignment settings and offer complete reliability.

- Improved handling
- Crisp steering response
- Boosted braking accuracy & control
- Prolonged life of suspension bushes and tyres
- 2 year or 40,000km warranty on parts and labour



WILSON MKTG RDR125

1 300 882 355
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Nolathane[®]
Superior Suspension Systems

