

Nolathane Part No. 46902 & 46902X

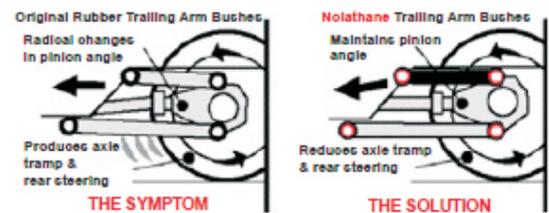
**Commodore Standard & Adjustable
REAR UPPER TRAILING ARMS - PAIR
Suits Commodore VB-VS (live axle)
Suits Lexcen VN-VS**



Is your live axle Commodore producing serious horsepower but not delivering this power to the wheels?

Nolathane has a cure for this problem, commonly caused by the differential pinion angle as a result of lowering live axle Commodores. This is made worse during acceleration, deceleration & braking. The upper & lower rear trailing arms with standard rubber suspension bushes can tend to amplify these changes in diff pinion angle. Pinion angle is the angle at which the tail shaft meets the differential. With pinion angle changes of 1.525° the tail shaft becomes misaligned thus causing the rear universal joint to lose its torque transfer capacity.

Excessive axle movement permitted by worn rubber bushes can also cause the tail shaft centre bearing to oscillate in its housing causing driveline shudder and premature bearing failure. **Nolathane** bushes & complete arms, some of which are adjustable, help maintain the optimum pinion angle and thereby retain tail shaft alignment. Thus reducing axle tramp and centre bearing oscillation.



Nolathane offers two options for these applications:

46902 – Pair of standard replacement arms that are manufactured from robust box section steel fitted with specially designed **Nolathane** two piece bushes. These replace the original blade type arms and save time pressing out the original steel cased bushes and pressing in new bushes. It is common for the bush housing in the original arms to have become oval and therefore permit unwanted movement, even from new bushes.

46902X – Pair of high performance arms constructed from solid hex bar. They are on-car adjustable with a total of 40mm adjustment to align diff pinion angle. By lengthening the arms you can roll the nose of the differential up and by shortening them you can roll the differential nose down. **46902X** arms are finished in durable black powder coat.



Nolathane 46902 Arms

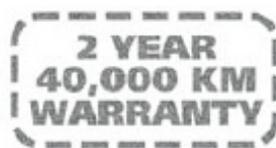


Nolathane 46902X Adjustable Trailing Arm

All of the above part numbers feature specially designed **Nolathane** two piece bushes. The unique undercut bush shaft and domed head permit axle articulation without unwanted movement and provide longer bush life.



Undercut & domed bush



Recommended Pinion angle settings

Street Track : to 0 + 2 °

Drift : +degrees

Drag sprint : to 2 - 4 °

All arms are brand new (not remanufactured) and are covered by **Nolathane's** 2 year/ 40,000 km warranty

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

**Technical Hotline - Aus 1300 882 355 NZ 0800 880 189
www.nolathane.com.au or tech@redranger.com.au**

Redranger P/L - 4 Warringah Close, Somersby NSW 2250
ABN 99 124 177 297