



ADJUSTABLE TRAILING ARMS

NISSAN Patrol & TOYOTA Landcruiser Installation Instructions

Ensure you have the necessary equipment and parts prior to commencement of work.

These instructions assume all other suspension works have been completed.

- 1) Before raising vehicle, determine the amount of adjustment required. Ideally it is recommended to adjust wheelbase back to factory specifications.
- 2) Safely raise vehicle and support with stands. Also support axle independantly for working height control.
- 3) Clean and lubricate trailing arm bolt threads before removing.
- 4) Remove existing trailing arms as per manufacturers workshop manual, keep all existing hardware.
- 5) Pre-adjust new trailing arms to approximate desired length, usually 10-20mm longer than original. Fine adjustments can still be made after fitment to vehicle.

It is important to ensure both left and right arms are identical in length. Match length using the original mounting bolts inserted into the bushes of both arms laid together then tighten opposing lock nuts.

Note: (Nissan Patrol lower arm applications, see Fig 1)

- 6) Install arms to vehicle using original mounting hardware. Do NOT fully tighten at this stage, leave nuts finger tight only.
- 7) When all arms completed, carefully lower the vehicle to ground, bounce the vehicle to settle the suspension.
- 8) Ironman 4x4 trailing arms are adjustable on vehicle. If necessary, loosen opposing lock nuts and rotate centre section to extend or reduce arm length. Ensure any adjustments are made the same amount of turns on both sides to ensure both arms remain equal length. Re-measure and compare lengths, then tighten locking nuts when adjustments are complete.
- 9) With vehicle on the ground, tension all fasteners to manufacturer's specifications. It is recommended to use thread locking compound on threads.
- 10) Check tension of all bolts after 500km.

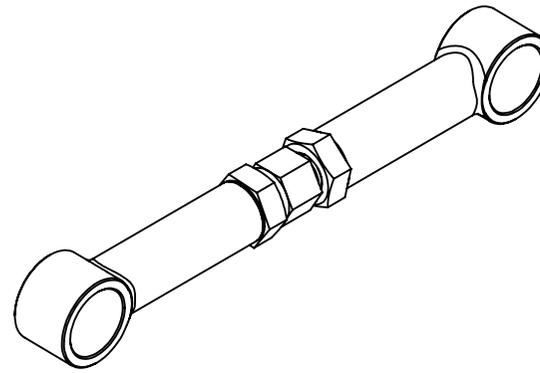


Fig 1

IMPORTANT NOTE:
Nissan Patrol Lower Trailing Arm
LTA003 ONLY

Bushes manufactured at 2° angle, ensure rod ends
are aligned parallel and fitted to correct side of vehicle.

