

VEHICLE Nissan Patrol Y62 2013-2024 – All Variants

PRODUCT Rubber Adjustable Rear Offset Camber Bush

PRODUCT CODE S0542R

NOTE Fitment of Camber Bush to be completed by a qualified automotive technician in workshop with a wheel alignment machine.

COMPONENTRY SUPPLIED:

- 4 x rubber offset bushes
- 8 x hexagon inserts
- 2 x bolts
- 2 x nuts

TOOLS REQUIRED:

- Hoist
- Wheel alignment machine
- Map gas torch
- All thread style bush removal tool set
- Thin 32mm spanner
- Jack stand
- Standard hand tools

**EXISTING BUSH WILL NOT MOVE IN ARM WITHOUT HEAT APPLIED, ARM WILL BE DAMAGED
DO NOT ATTEMPT DIY INSTALL WITHOUT ACCESS TO COMPREHENSIVE SET OF TOOLS AND EXPERIENCE
INSTRUCTIONS REFLECT THIS.**

1. Lift car into the air.

2. Remove wheel and loosen Upper Ball Joint Nut.

3. Lower car onto jack stands or use trolley jack under knuckle, to approximately simulate vehicle ride height.

4. When vehicle ride height is simulated, the space between the arm and the knuckle will open. The space between the arm and knuckle will open enough to Insert a thick spacer between knuckle and outer edges of UCA.
See figure 1

5. Raise the car up on the hoist to close the gap between the upper arm and the knuckle to pop ball joint out of taper. Take extreme care when performing this to keep all fingers and body parts clear. Wear adequate eye protection when performing this and be cautious as whatever you insert may come flying out at you under the pressure of the gap closing.

6. When the taper of the upper control arm has been removed, remove nut holding taper and the arm will swing away from the knuckle. Proceed to remove upper arm. Front bolt will need to be cut out and replaced. The rear mounting bolt can be removed and retained.

7. The factory dimples that are in the chassis need to be ground flat to allow bush to be installed. This can be done by SLOWLY die grinding the raised area until perfectly flat and painting over exposed area to prevent rust.

8. Use all thread style bush remover to apply some pressure to bush, then apply heat and remove bush (do not force bush without heating arm) when performing this keep note of deformation of the arm. There should be enough force applied just to break the seal of the bush in the arm and the bush should be gently heated with a gradual and constant force to slowly guide the bush out of its housing in the arm.

9. Install new bushes, inserts to be aligned as shown in *Image 2* for maximum negative camber.

10. Align car, bushes can be adjusted using thin spanner if more or less camber is required.



Figure 1



Figure 2