

FITTING INSTRUCTIONS

VEHICLE	Nissan Patrol GQ / GU
PRODUCT	High Clearance Forged Radius Arms
PN#	RANPBV2
NOTE	Ensure Vehicle is on level ground. Chock front wheels to avoid vehicle rolling. Read & understand instructions before committing to installation

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1. If using a hoist, lift vehicle from a forward point of the chassis to allow room for the pivot box to be installed. A hoist is not required.

Note: this is for ease for installation

See Figure 1

2. Remove sway bar, front spring's, tie rod & ABS lines if applicable.

3. Remove radius arm from vehicle.

Note: You may find it easier to do 1 side at a time

4. Fit RANPBV2 into the supplied Pivot box and tighten for fitment.

This will be tightened at road height later

- a. Be sure to use Loctite on bolts
- b. Radius arm and box will be fitted to vehicle as a single unit

See Figure 2

5. Support gearbox cross member, loosen all 8 bolts and lower cross member.

6. Slip the RANPBV2 into place.

See Figure 3

- a. Fit the retaining clamp from inside of chassis rail and install the M16 bolt into the pivot box loosely, this will be tightened later

See Figure 4

7. Align the radius arm with the diff mounts and fit OE bolts in.

- a. May need to remove one bolt out of the radius arm from the opposite side and raise or lower the diff housing to align holes

8. Repeat steps 3 to 7 on opposite side.

9. At this stage fit the rearward bolts (4) of the gearbox crossmember.

10. With the above hardware fitted loosely, start by tighten the retaining bolt first.

See Figure 4

11. Fit and tighten the underside M18 bolt into the retaining clamp (through the chassis and pivot box)

See Figure 5



Figure 1



Figure 2



Figure 3



Figure 4



Figure 5



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- 12.** Fit skid plates with (2) M6 Bolts and the front gearbox cross member bolts.
See figure 6

- 13.** Fit supplied spacers to M8 crossmember bolts - if applicable.
See figure 7

- 14.** Refit sway bar, springs, tie rod & ABS lines to the Blackhawk 4x4 Radius arms.

- 15.** Lower car to road height and tighten all radius arm bolts to manufacturers specification.



Figure 6



Figure 7

TOOLS REQUIRED TO COMPLETE FITMENT

- Spanners: 27mm, 24mm, 22mm, 12mm
- Sockets: 22mm, 17mm, 10mm
- Hammer, pliers

If you're getting your vehicle engineered, please ask your engineer to contact Blackhawk / Roadsafe directly for the comprehensive engineering documentation to fulfill any NCOP VSB14 engineering requirements.

