



Nissan Navara D22 / Outlaw / Hardbody Roof Bar Fitting Instructions



Kit Description

This kit is a stainless steel (chrome appearance) roof bar side bar kit for a Nissan Navara D22 model. It will fit all Nissan D22 models (Outlaw / Hardbody / Frontier) up to 2005 . In addition to this kit there is also a cross bar kit available designed to fit to these roof bars.

Safety

This kit is not designed to carry weights heavier than 50Kg or loads that will put a load greater than 50Kg on the roof rack (large objects likely to cause wind loading / traveling at speeds greater than 50 MPH etc). This kit should be installed by a competent mechanic and fittings should be checked regularly. The roof bar will increase the height of your vehicle – take care when entering multi-storey car parks etc.

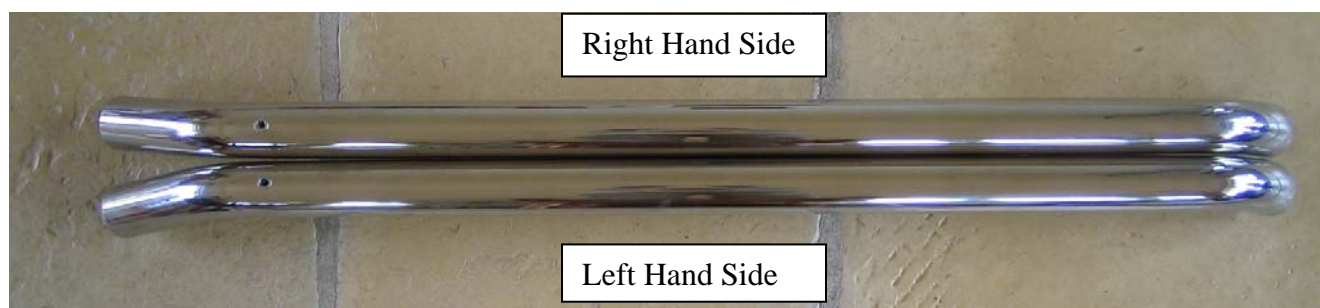
Kit Contents

Quantity	Description	Note / function
2	Side bars	Bars are handed !!!!!!!
8	M6x20 Stainless bolts	Fitting feet to roof
8	M6 Round washers	Used with above bolts
4	M6 Oval washers	Used on front feet
4	M6x40 Hex Head bolts	Used to fit feet to bar
8	M6 Rivetnuts (blind)	Inserted into roof
1	Hex key	To tighten hex head bolts



Fitting Instructions

- 1) Place the 2 bars together on the floor as shown below to determine which is the left and which is the right bar (the bars are not identical). Fit the feet to roof bars using M6x40 hex head bolts and round M6 washer (hex key supplied). Note - large feet (front) fitted to the end of the bar with the longer slope. Do not fully tighten feet at this stage.



- 2) Position roof bars on roof as shown below. Ensure that the roof bars are parallel to each other. If you have also purchased the cross bars it is worth fitting these lightly to the side bars at this stage to ensure the bars are spaced correctly. The distance from the rear of the cab to the closest part of the rear foot is 60mm as shown.



- 3) Mark the roof of the truck using a marker pen through each of the holes in the feet (8 holes in total).
- 4) Remove the bars and fit masking tape over the holes – this will stop the drill slipping when drilling the roof.
- 5) Without moving the feet position fully tighten the hex head bolts that secure the feet. Position the roof bars on the roof again and mark the hole position onto the tape – take care as these are the final hole positions.
- 6) Remove the bars and drill 8 holes 9.0mm diameter in the roof. Tip – when drilling holes ensure that the drill does not go through and hit the head lining – this can be done using a piece of wood around the drill bit so only 15mm of drill bit is showing.
- 7) Remove masking tape from roof and remove any swarf etc. Insert supplied M6 rivnuts into each hole and tighten using appropriate tool ensuring the rivnuts are fully compressed.
- 8) Position roof bar onto roof and fit using the M6 bolts and washers provided into the inserted rivnuts. On the front feet use an oval washer, for the rear feet use just a round washer. Do not fully tighten at this stage. TIP – place a small amount of silicone on the thread of each bolt to reduce risk of water ingress.
- 9) Tighten all 8 bolts to 6.8 Nm (5 lb ft)

Care and Maintenance

These roof bars are stainless steel and will not rust but in some conditions they may tarnish slightly if this occurs we recommend using Autoglym metal polish to restore the finish to as new condition. Do not use solvents on the plastic feet – we recommend these are cleaned with Autoglym bumper restorer.

Periodically check the bolts and fixing are tight and secure and there is no sign of any damage to the bar or feet.