



TF254: TERRAFIRMA ADJUSTABLE PANHARD ROD (16mm BOLTS)

DEFENDER 90 / 110 / 130 – FROM VIN: 2A626646 - 2002 TO 2016 (TF253 FOR PRE-2002/14mm BOLTS)
DISCOVERY 2 – UP TO VIN: 2A999999 - 1998 - 2002 (USE TF256 FOR 2003 ONWARDS)

FITTING INSTRUCTIONS

1. Park the car on a flat level surface, put the car into gear or park and apply the hand brake.
2. Remove the bolt that goes through the eye of the original Panhard rod and through the mounting bracket on the axle.
3. Remove the bolt that goes through the eye of the original Panhard rod and through the mounting bracket on the side of the chassis.
4. Remove the original Panhard rod from both mountings.
5. With the car parked on flat level ground, allow the car to sit at normal ride height and centralise the body and chassis on the axle.
6. With a straight edge held against the outside of each front wheel measure the distance from the straight edge to the edge of the wheel arch, make sure the distance measured is the same each side to ensure the axle is centralised.



7. Measure the distance between hole centres of the two Panhard rod mountings and then set the length between the hole centres in the bushes of your new adjustable Panhard rod to this length. Ensure the bushes are inline and the length is then locked with the locking nut.
8. Re-fit the bolt that goes through the eye of the new adjustable Panhard rod and through the mounting bracket on the axle and tighten to the correct torque setting.
9. Re-fit the bolt that goes through the eye of the new adjustable Panhard rod and through the mounting bracket on the side of the chassis and tighten to the correct torque setting.

10. Test drive the vehicle, park it back on the flat level surface and re-check the measurements of the wheel to wheel-arch gap, they should hopefully still be the same each side, if not re-adjust the length of the Panhard rod.

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LATE 90/110/130
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Replacement Panhard Rod Bushes:

Gold Zinc Passivate finish: standard bush part number RBX101340 (16mm bolts) will fit both ends. You can also use the polyurethane bush equivalent, TF1005.

Black Powder Coat finish: a specific polyurethane bush is required at both ends, part # TF1034, which comes with a choice of centre sleeves in 14mm or 16mm internal diameter

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