

**TF253: TERRAFIRMA ADJUSTABLE PANHARD ROD (14mm BOLTS)****DEFENDER 90 /110 / 130, DISCOVERY 1 & RRC – UP TO 1998****UP TO DEFENDER VIN: 2A626645 (USE TF254 FOR LATER VEHICLES WITH 16mm BOLTS)****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.

WARRANTY & DISCLAIMER - TerrafirMa products are warranted free from defects in materials and workmanship for a period of 12 months from the date of retail invoice. TerrafirMa does not warrant that the products manufactured or marketed by it comply with the laws of the country where those goods are purchased or used. It is the sole responsibility of the purchaser to ascertain whether products being purchased, or the fitting of those products to any other object, comply with local laws. This warranty covers structural defect and workmanship but does not cover finishes, labour charges for removal or refitting, freight costs, accident damage, misuse or abuse, damage due to incorrect or improper fitment or application, modified product, faulty design or consequential damage of any kind. Damage or defects caused by collision, alteration, improper installation, road hazards, adverse conditions or usage for any other purpose other than normal private usage are not covered by this warranty. TerrafirMa shall not be liable for any other claim relating to the use of the product and any indirect special or consequential damage or injury to any person, company or other entity. All claims must be accompanied by the original retail invoice and should be submitted to the supplying Allmakes 4x4/TerrafirMa distributor. This warranty covers only the replacement of the product or part concerned. The decision remains solely at the discretion of Allmakes Ltd. The information contained in this catalogue was correct at the time of going to press. Allmakes/TerrafirMa and its associated companies reserve the right to alter the range and any product specifications without notice. Always consult your Allmakes/TerrafirMa distributor for the latest product information and specifications. The TerrafirMa range of products is constantly being evaluated for enhancement and improvement to make sure the level of quality and performance is as expected.

**Replacement Panhard Rod Bushes:**

Gold Zinc Passivate finish: standard bush part number ANR3410 (14mm bolts) will fit both ends. You can also use the polyurethane bush equivalent, TF1006.

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.

WARRANTY & DISCLAIMER - TerrafirMa products are warranted free from defects in materials and workmanship for a period of 12 months from the date of retail invoice. TerrafirMa does not warrant that the products manufactured or marketed by it comply with the laws of the country where those goods are purchased or used. It is the sole responsibility of the purchaser to ascertain whether products being purchased, or the fitting of those products to any other object, comply with local laws. This warranty covers structural defect and workmanship but does not cover finishes, labour charges for removal or refitting, freight costs, accident damage, misuse or abuse, damage due to incorrect or improper fitment or application, modified product, faulty design or consequential damage of any kind. Damage or defects caused by collision, alteration, improper installation, road hazards, adverse conditions or usage for any other purpose other than normal private usage are not covered by this warranty. TerrafirMa shall not be liable for any other claim relating to the use of the product and any indirect special or consequential damage or injury to any person, company or other entity. All claims must be accompanied by the original retail invoice and should be submitted to the supplying Allmakes 4x4/TerrafirMa distributor. This warranty covers only the replacement of the product or part concerned. The decision remains solely at the discretion of Allmakes Ltd. The information contained in this catalogue was correct at the time of going to press. Allmakes/TerrafirMa and its associated companies reserve the right to alter the range and any product specifications without notice. Always consult your Allmakes/TerrafirMa distributor for the latest product information and specifications. The TerrafirMa range of products is constantly being evaluated for enhancement and improvement to make sure the level of quality and performance is as expected.