

VEHICLE	Various Vehicles (Where applicable) Standard Bush Style
PRODUCT	Various APR prefix products
PRODUCT CODE	Various APR Prefix Part Numbers
NOTE	Make sure the car is on hard level ground

Tools Required:

- General Hand Tools
- 39mm Spanner
- Measuring tape or ruler

Component List:

- 1x Adjustable Panhard rod Front / Rear
- Comes with bushings included

Before Installation:

Read the instructions in their entirety before starting.

1. Slightly elevate vehicle and then lower the chassis of the vehicle on to stands leaving the tyre in contact with the ground, this will assist in taking the load of the Panhard rod bolts.

2. Start by loosening the bolt attaching the Panhard rod at the differential housing.

3. Now loosen the bolt attaching the Panhard rod at the chassis.

4. Remove the bolt at differential end and let rest in the mount.

5. Remove the bolt at the chassis end and remove the Panhard rod from the vehicle by lifting the differential end out of the mount and lowering the chassis end.

6. Begin installing the Panhard rod by ensuring the lock nuts on the adjustment mechanism are loose and the rod is orientated so the long section of the Panhard rod is toward the mount on the differential housing.

7. Now lift the short end up into the chassis mount and secure with original bolt removed in step 5.
DO NOT TIGHTEN AT THIS STAGE.

8. Next, lift the long end into the differential mounting bracket, adjust turnbuckle until the bolt holes line up and secure with original bolt removed in step 4.

9. To adjust the length of the Panhard rod, rotate the turnbuckle nut until the desired length and alignment is achieved. To fix the length of the Panhard rod, wind each nut until they engage the Schnorr spring washer.

10. Now tighten both bush bolts to to manufacturers specified torque values.

11. Now secure the turnbuckle with a 39 mm spanner and tighten each nut locking the mechanism. Check that the desired length/ alignment is still correct. Finish off by torquing each nut up to a 250 - 300 Nm.

12. Jack up vehicle and remove stands.



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SETTING UP YOUR ADJUSTABLE PANHARD ROD

1. Find an appropriate datum to measure the distance between the chassis and the tyre on each side of the vehicle. See images 1 and 2
2. The goal of this adjustable Panhard rod is to centre the axle under the vehicle and match the track offset front to rear. Therefore the two values measured between the left and right hand side datum points should match indicating close to the correct alignment.
3. Where on car adjustability is available, turn adjuster with appropriate sized spanner until both measured values match.
4. Where on car adjustability is not available, the rod will have to be removed and re-set for each incremental change to even out the numbers.
5. When the difference between the left and right measurement is zero, check track offset against front axle and confirm front and rear axles are in line.
6. When all measurements are confirmed as correct, tighten the Jam Nuts to 250 - 300 Nm.

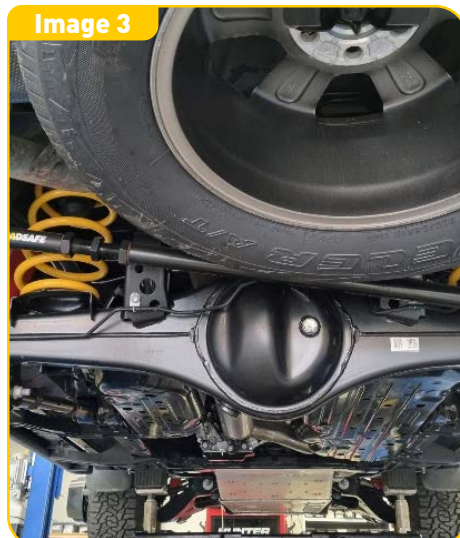
Image 1



Image 2



Image 3



AFTER FITMENT IS COMPLETE, A FOUR WHEEL ALIGNMENT SHOULD BE CARRIED OUT BY A 4WD SPECIALIST.
STEERING WHEEL WILL LIKELY BE OFF CENTRE UNTIL THE VEHICLE IS ALIGNED,