Nolathane®

Instructions
Rear Adjustable Trailing Arms

Note. This instruction sheet should be used in conjunction with the workshop manual and proper safety procedures followed.

NOLATHANE's adjustable trailing arms offer the ability to improve pinion angle for raised vehicles. The low compliance bushings offer improved driver feedback.

Application - Ram 1500 DS DT
- Jeep Gladiator JT

Always refer complete catalogue listing

Contents - 2x adjustable control arms complete with polyurethane bushings.

- Raise vehicle evenly and safely support.

  Never rely on a jack only

- Proceed to remove 1 trailing arm at a time (Do not remove both). Note the original 2 bolts and their direction in the arm.

It is recommended that a licenced workshop or trades person carry out the above procedure and that workshop manual and relevant safety procedures are followed in addition to the above.

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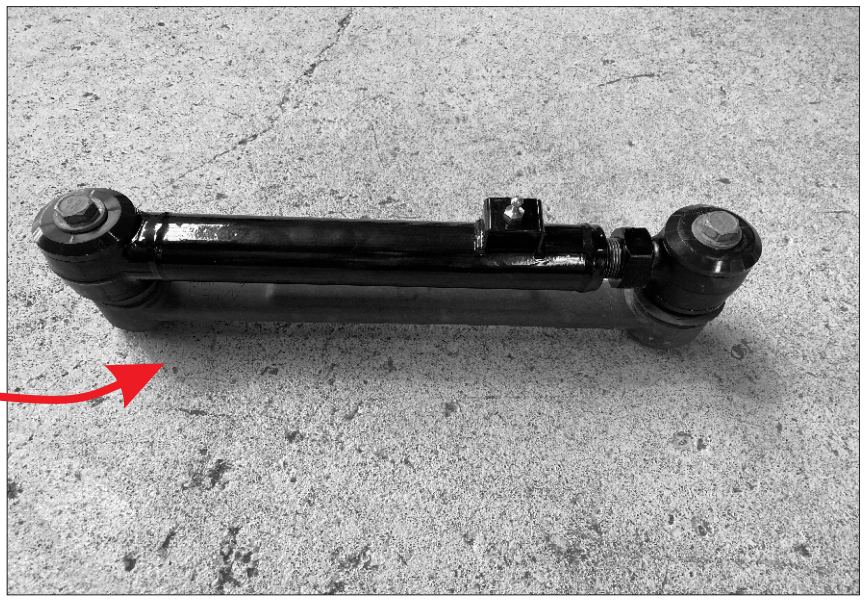
- With the arm removed, clean the clevis of any dirt or debris.

- Place the new adjustable arm on top of the original unit. Next pop the original bolts in the holes to match the adjustable arm length with the OE length.

  This will offer a base length ready for final adjustment.

- Pop out the steel tubes and grease the bushing internal diameter.



Head light sensor point (some vehicles)

- Grease bushing side face too.

- Bolt up arm to vehicle using original bolts.

- Tighten OE bolts to 100Nm

  Note the lock nut is towards front of vehicle.

IMPORTANT - refer pinion angle adjustment information on page 3. If un-sure, seek advice from a qualified person.

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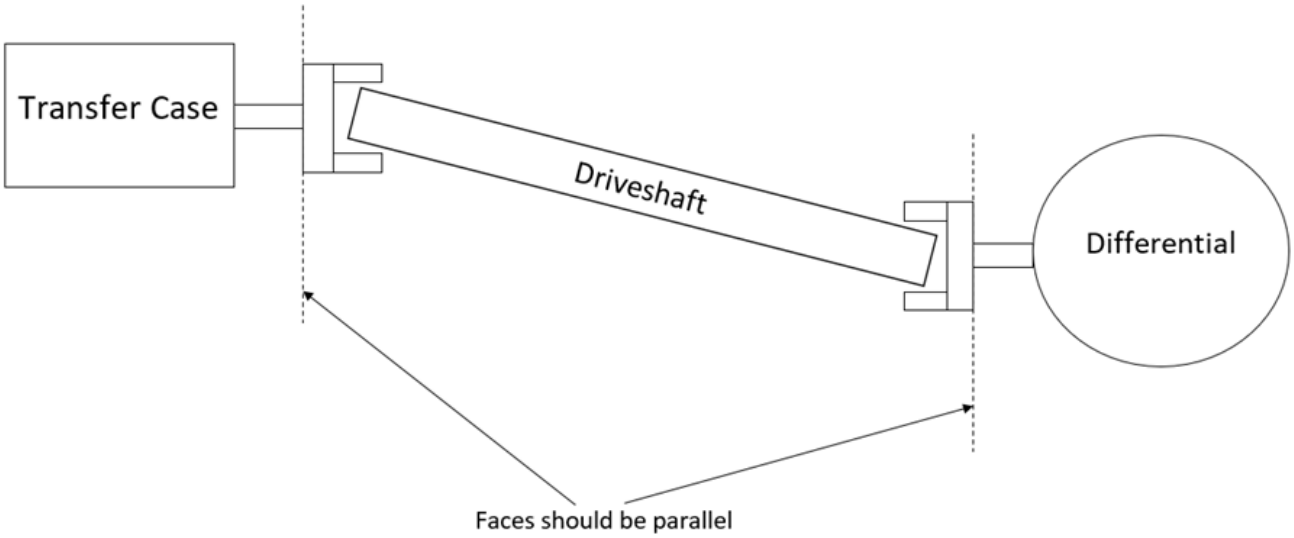
Pinion Angle Information



To correct pinion angle, use an inclinometer to measure the difference in angle between the faces on the transfer case and the differential and adjust the trailing arms as required until difference in angle is 0 degrees.

For example: Angle of transfer case face from level: 86°

Angle of differential face from level: 83°

Difference in angle = 86 − 83

= 3°

- Road test vehicle and re-check all nuts and bolts.

Tip - it may be helpful to add Loctite to the adjuster nut.

- Re-check all bolts after 1000kms

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