

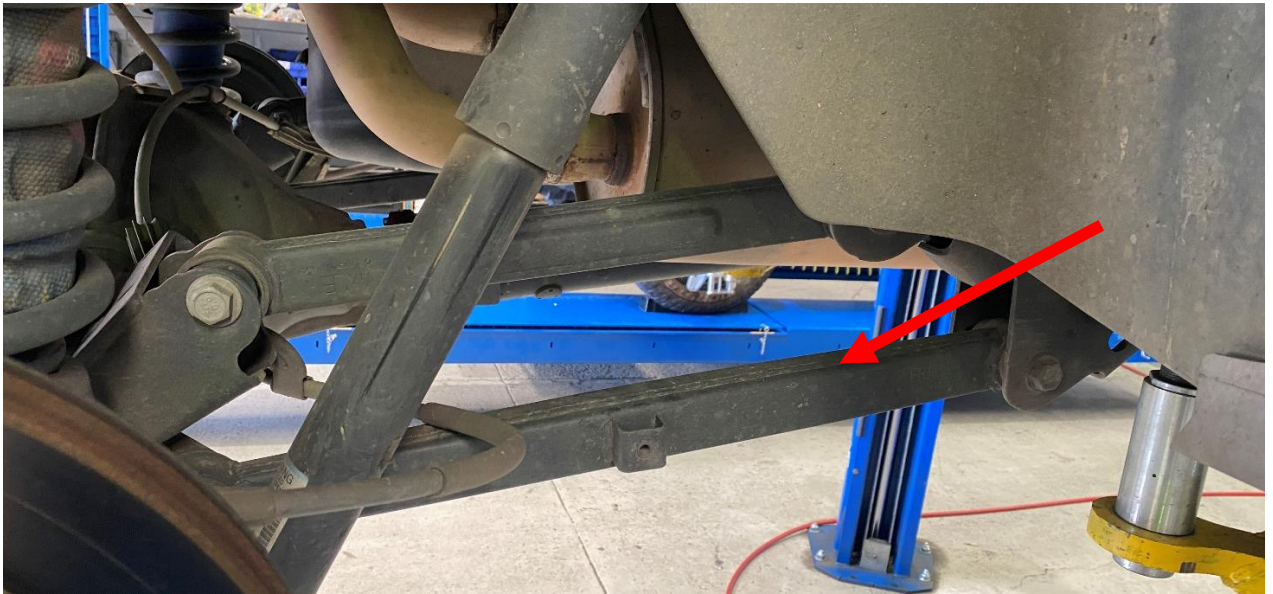
Fitting Instructions #TRC1204IS

RAM 1500 DS/DT | Jeep Gladiator JT Rear Adjustable Lower Trailing Arm



NOTE: These components must be fitted by qualified persons only, to factory specifications, as per the factory service manual. Photos are an indication and may vary slightly in appearance from the actual product.

1. Raise the vehicle by the chassis and support on hoist or jack stands.
2. Support the rear diff with adjustable stands/under hoist stands;
3. Starting on one side, remove the factory Rear Lower Trailing Arm by removing the two bolts holding it in. Take note of which way the bolts are installed.



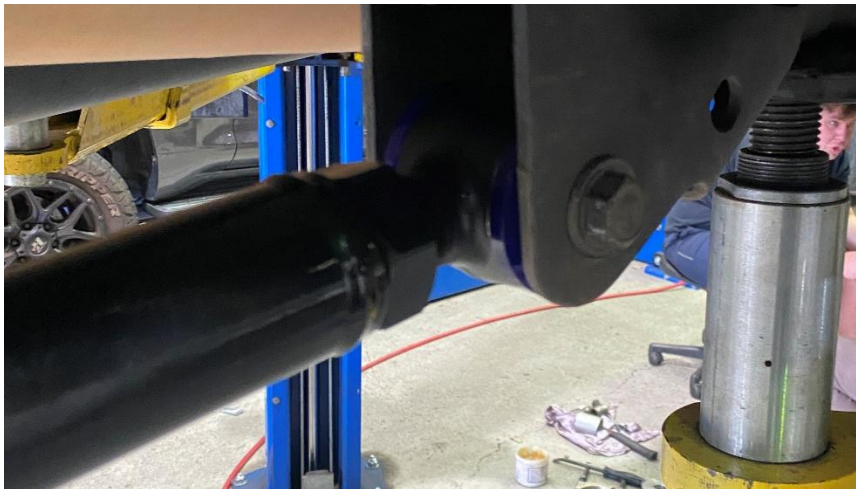
4. Clean the clevis area of the chassis and the diff to remove any dirt or debris.
5. Overlay the OE arm with the new arm and initially set the length of the arm to the same as the OE. The OE bolts can help you to align the crush tubes. From there, any adjustments can be made to correct the differential pinion angle. (See the guide on the last page)



6. Tighten down the lock nut to prevent the length from changing while the arm is being installed.
7. Remove the crush tube from the bushings and apply the included grease to the bore and faces of the bushings.

Fitting Instructions #TRC1204IS

8. Install the new Rear Lower Trailing Arm to the vehicle with the adjuster on the chassis side of the arm and the headlight sensor bracket facing outward.

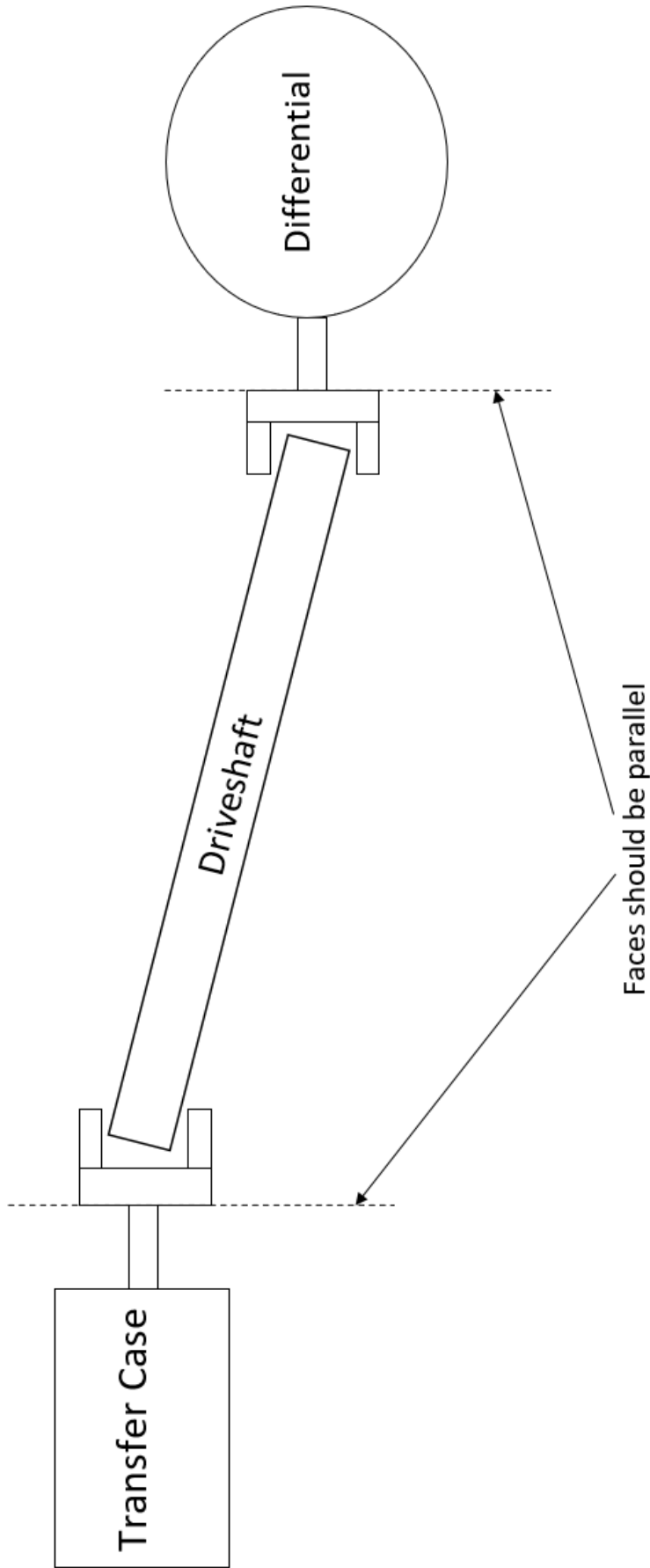


9. Tighten down the OE bolts to the OE specifications of 100Nm (74 ft.lbs)
10. Tighten the lock nut on the adjustable control arm to roughly 150-200Nm (111-147 ft.lbs)
11. If the vehicle uses the handbrake cable bracket, this can be attached to the new arm using the included bracket and re-using the OE bolt.



12. Repeat the process for the other arm.
13. Lower the vehicle to ride height and double-check the pinion angle, readjust as required.
14. Manufacturer's torque setting must be used on all bolts.
15. Recheck all bolts and lock nut after 1000km or 1 month;

Fitting Instructions #TRC1204IS



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°