Fitting Instructions #Z7077-W

Toyota Landcruiser Prado 150 series with KDSS
Front Lower Control Arm

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

1. Before beginning any alignment work, always check for loose or worn parts, proper tyre pressures, and odd tyre wear patterns. Replace any loose or worn parts before setting alignment.
2. Raise vehicle by the chassis and support with jack stands. Remove front tyre and wheel assemblies.
3. Locate KDSS valve housing.

   NOTE: The valve housing is located on the left-hand side of the vehicle, on the outside of the chassis rail, approximately half way between the front and the back of the vehicle.

4. Remove protective steel cover/plate.
5. Locate shutter valve bolts on side of accumulator.
6. Unscrew shutter valve bolts 2.0 – 2.5 turns MAX.

7. The KDSS system is now open and the sway bar ends should be able to be freely manipulated with little effort, allowing lower control arm removal and installation.

   NOTE: THE VEHICLE MUST NOT BE DRIVEN WITH THESE VALVES OPEN AS THIS WILL COMPROMISE THE SYSTEM AND RENDER THE VEHICLE UNSAFE TO DRIVE.

8. Remove the factory front lower control arms and clean the chassis area.

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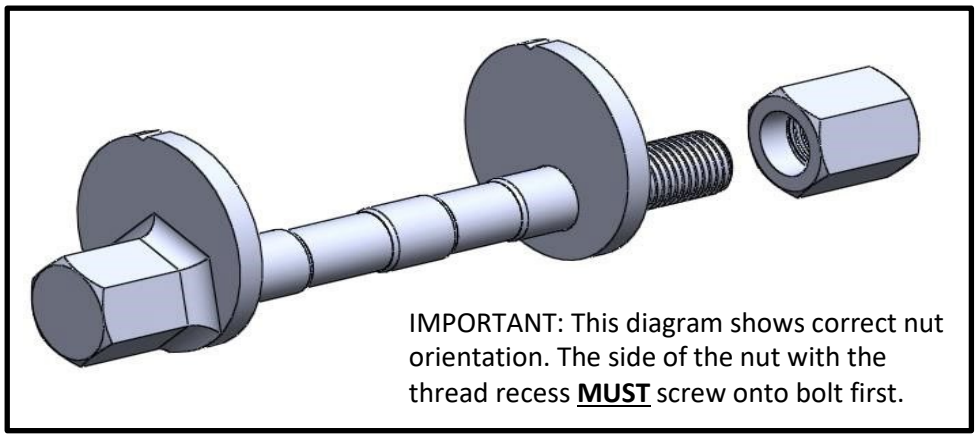
9. Install the new control arms to the vehicle.



10. Use the supplied camber pins, shank coated with anti-seize, to tighten the arm onto the chassis (see camber bolt diagram for correct installation) but reuse the factory bolt for the ball joint bracket.



Camber Bolt installation diagram

11. Re-install the tyre and wheel assembly.
12. With the vehicle sitting on level ground, close both KDSS leveling valves by turning them in a clockwise direction and then tightening. Reinstall protective cover/plate.
13. Wheel align the vehicle. Adjust the camber pins to achieve the desired settings.
14. When final caster/camber settings are achieved, torque the camber pins assembly to 140 Nm and road test the vehicle.