

TOYOTA PRADO
120 / 150 SERIES with KDSS
TOYOTA 4RUNNER
N280 SERIES with KDSS
(Kinetic Dynamic Suspension System)



Important instructions:

READ AND UNDERSTAND ALL INSTRUCTIONS AND WARNINGS PRIOR TO INSTALLATION OF PARTS AND OPERATION OF VEHICLE.

This special instruction must be followed exactly, when removal of any suspension component is performed.

The KDSS System is a Hydro-Mechanical Semi-Active anti-roll bar.

Failure to adhere to the below steps will result in malfunction or damage to the KDSS System.

- 1) Hoist vehicle, and allow wheels to hang freely.
- 2) Locate the KDSS accumulator assembly positioned under the vehicle, just beside left chassis rail.
- 3) Remove steel protective shield.
- 4) Locate shutter valve bolts on side of accumulator.

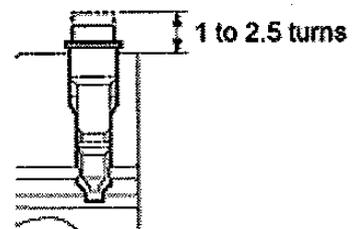
Unscrew shutter valve bolts 1.5 – 2.5 turns MAXIMUM.

DO NOT REMOVE SHUTTER VALVE BOLTS OR UNSCREW ANY FURTHER THAN ADVISED.

- 5) The KDSS shutter valves are now open, allowing full movement of front and rear anti-roll bars. It is now safe to remove and install suspension components.

DO NOT START OR OPERATE THE VEHICLE WITH SHUTTER VALVES OPEN.

- 6) When suspension works are complete, lower vehicle onto level ground, then close BOTH shutter valve bolts fully by turning clockwise and tightening. Reinstall protective shield.



IRONMAN 4X4

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