

**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.**

- 1) Hoist vehicle, or use jack stands front and rear, and allow wheels to hang freely.
- 2) Locate the KDSS accumulator assembly positioned under the vehicle, just beside left chassis rail, under the LH front seat.
- 3) Remove 2 bolts under steel protective shield and remove shield.
- 4) Locate shutter valve bolts on side of accumulator, highlighted in red (10mm head size). Mark bolts to keep track of the turns against the alloy block, then unscrew shutter valve bolts 3 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, shake vehicle left to right for a minute, then close BOTH shutter valve bolts fully by turning clockwise and tightening. Reinstall protective shield.

