

# TOYOTA LANDCRUISER

200 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.

## Tools Required

1	5mm Hex Key
1	12mm Spanner (Optional)*



(Fig.1)

- 1) Hoist vehicle, and allow wheels to hang freely.
- 2) Locate the KDSS Control Valve Assembly (Fig.1), Positioned under the vehicle, just beside the chassis rail, forward of the left rear wheel.
- 3) Use 5mm Hex key to loosen anti-clockwise both shutter valve screws 3 full turns. (Fig.2)

**DO NOT REMOVE SHUTTER VALVE SCREWS OR OPEN ANY FURTHER.**

\*Optional: The black metal cover may be removed to allow better access to the shutter valve screws.



(Fig.2)

- 4) The KDSS shutter valve is 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.**

- 5) When suspension works are complete, lower vehicle onto level ground, then close BOTH shutter valve screws fully by turning clockwise and tightening. Reinstall control valve cover if removed.

This operation is now complete.

**IRONMAN 4X4**

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