



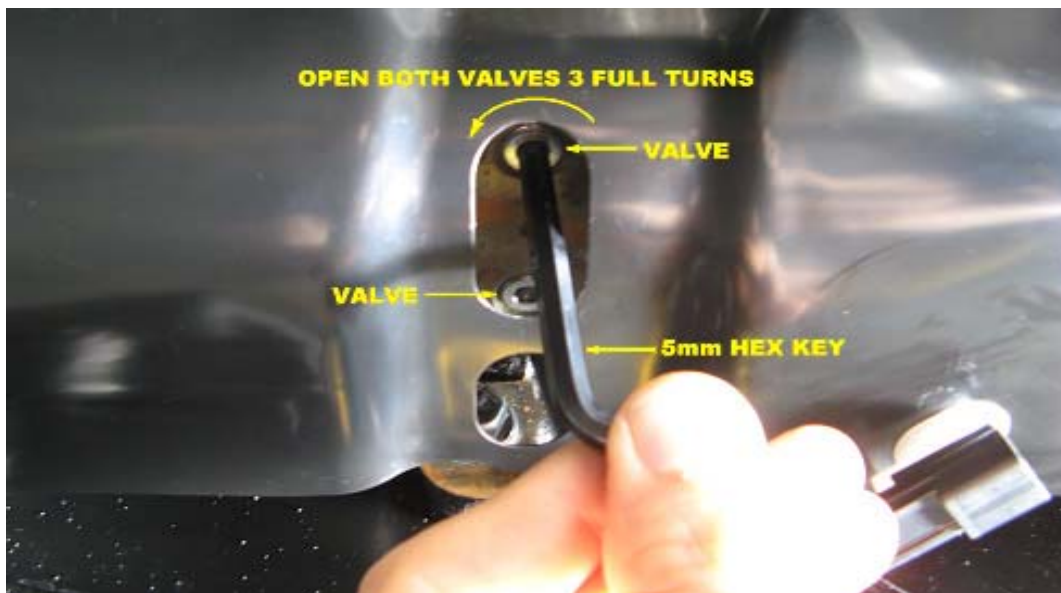
OME SUSPENSION FITTING HINTS TOYOTA LAND CRUISER 200 SERIES WITH KDSS SYSTEM

This Fitting Instruction applies only to Toyota Land Cruiser 200 Series or Lexus LX models fitted with Toyota's Kinetic Dynamic Suspension System (KDSS), also referred to by Toyota as a "hydro-mechanical semi active anti roll bar".

This instruction covers the unlevel state the vehicle will assume and difficulties in re-attaching the sway bar after any of the links or mounts have been removed for any period more than a few seconds.

Procedure for working around the KDSS system:

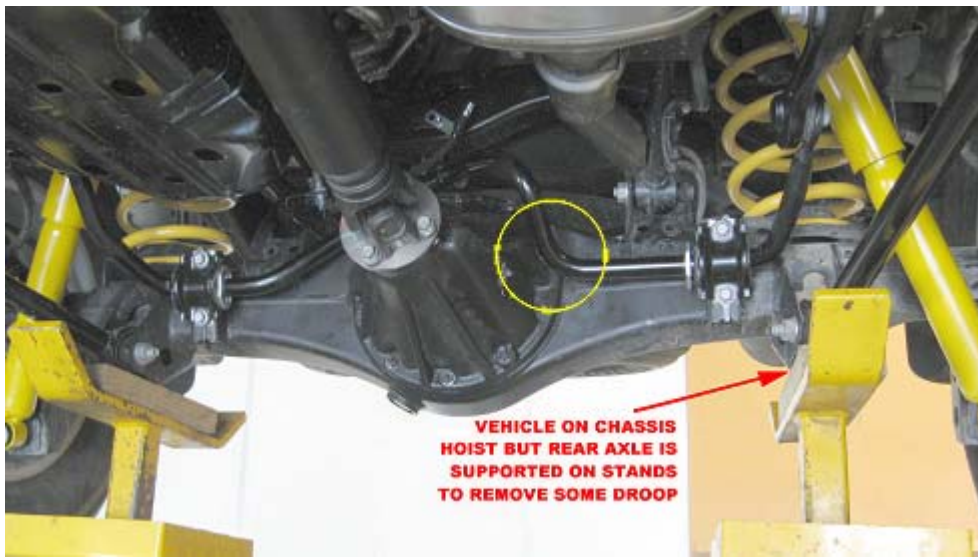
1. Suspend vehicle on 2-post type chassis hoist allowing wheels to hang.
2. Locate the KDSS valve housing.
NOTE: The valve housing is located on the left-hand side of the vehicle, on the inside of the chassis rail, roughly half way between the front and the back of the vehicle.
3. Using a 5mm hex key, open the 2 leveling valves 3 full rotations anti-clockwise. (access is from underside of the KDSS valve housing - see picture on this page)



NOTE: The KDSS system is now open and the sway bar ends should be able to be freely manipulated with little effort, allowing spring / strut removal and installation.

NOTE: **THE VEHICLE SHOULD NEVER BE DRIVEN WITH THESE VALVES OPEN AS THIS WOULD EXPOSE A SERIOUS RISK OF LOSS OF CONTROL OR ROLLOVER.**

4. When carrying out rear spring installation position axle stands under the rear axle housing and lower the hoist until the axle weight is taken up and the suspension is just off full droop.



5. Detach the sway bar from its mounts on the axle.

NOTE: Detaching the rear sway bar as described here is not required for front suspension installation work.

6. Carry out normal spring and shock absorber replacement, re-attach the sway bar mounts, remove the axle stands, and lower the vehicle onto the ground.
7. With the vehicle sitting on level ground, close both KDSS leveling valves by turning them in a clockwise direction and then tightening.