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## ASSEMBLY INSTRUCTIONS TO SUIT GREASABLE SPRING SHACKLE WITH ANTI INVERSION PIN

Part No OMEGS1  
          OMEGS2  
          OMEGS5  
          OMEGS6  
          OMEGS17

**PROCEDURE - REFER DIAGRAM OVERLEAF**

1. The pin and side plate are designed with tight thread tolerances therefore pin should be placed into a soft jaw vice, then screw short thread end of greasable pins completely into threaded side plate until the shoulder on the pin is firmly against the side plate.

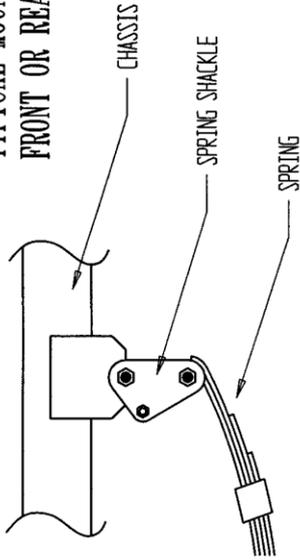
**CAUTION: DO NOT DAMAGE PIN SURFACE**

2. Place locking 1/2 nut on protruding thread and torque to 30ft lb (41Nm).
3. Place 12mm anti inversion pin into remaining hole and finger tighten.
4. Install OME polyurethane bushes (greased) in hanger and spring eyes.
5. Install partly assembled shackle to chassis mount and spring eye ensuring anti inversion pin is facing spring side of hanger. (See diagram overleaf)
6. Complete shackle assembly by placing non threaded side plate in position. Tighten shackle pin nuts to 60ft lb (81Nm) torque. Tighten anti inversion pin nuts to 15ft lb (20Nm) torque.
7. Install grease nipples into shackle pins and grease with OME grease pt/no ESG1002.

**NOTE: OMEGS1 has 8mm thick side plates and is to be fitted to the rear springs.**

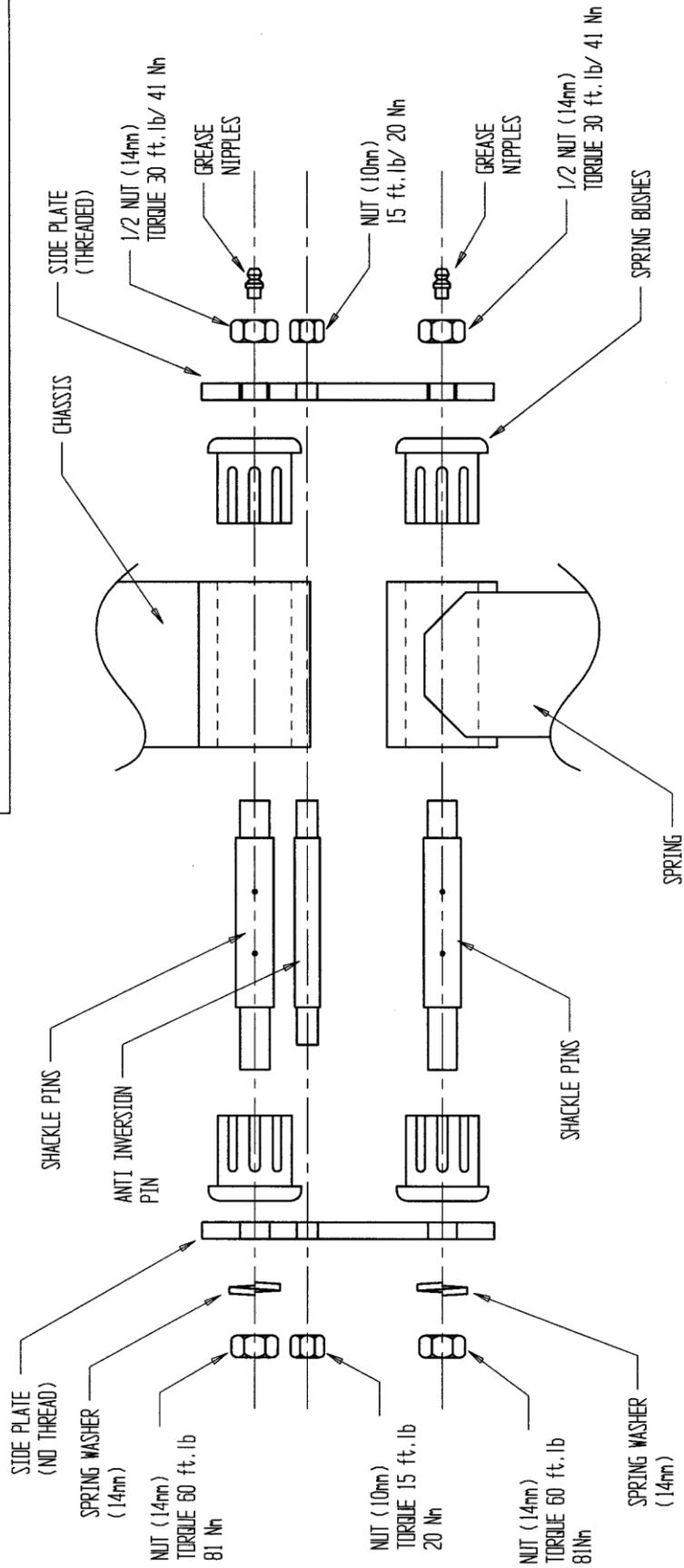
**OMEGS2 has 6mm thick side plates and is only to be fitted to the front springs, except on FJ/HJ/BJ70, 73, 74 series Toyota LandCruisers.**

**TYPICAL MOUNTING POSITION  
FRONT OR REAR**



**GREASABLE SPRING SHACKLE  
ASSEMBLY INSTRUCTIONS  
PART NUMBERS: OMEGS1, OMEGS2,  
OMEGS5, OMEGS6**

**GENERAL ASSEMBLY**



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