

DRAWBAR BUSH - INSTRUCTION MANUAL

1.



Lubricate the equaliser poly bush outer surfaces with liquid soap solution (mild soapy water). Apply some lubricant to the hanger bracket. Detergent, silicone or mineral based lubricant (rubber grease) is not recommended.

2.



Insert both equaliser bushes in the equaliser hanger bracket tapered bore.

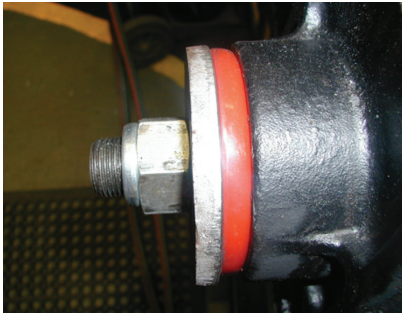
3.



Locate the equaliser in the equaliser hanger. With a nylon faced hammer, tap both of the torque arm and equaliser bushes into position.

DRAWBAR BUSH - INSTRUCTION MANUAL

4.



If the equaliser bushes seem to be drying, add more lubricant to the outside surfaces. Insert the equaliser shaft through the bushes and fit the compression washer and 1"UNF locknut loosely to the threaded end. Check that the equaliser is assembled centrally in the hanger bracket. It can help to use a "spacer gauge" in between the equaliser and the equaliser hanger. Locate a 1.5" socket on the locknut end. Restrain the equaliser shaft end with a ring spanner or shifter. The bushes should be compressed as much as possible to maximise service life. However, they should be tightened in such a way so that bush material protrusion is consistent (equal) in both the inner and outer area. Protrusion up to 12mm on the outer end is acceptable. A low-speed torque gun operation is recommended. Tighten the locknut to the required torque.

Rubber Bushes = 180-200Nm

Polyurethane Bushes = 250-300Nm

5.



The equaliser assembly is now completed. Note that the equaliser is installed centrally in the hanger bracket and the equaliser hanger respectively. The bush protrusion on the outer ends is consistent see photo for reference.

