

USE OF THE TORQUE MULTIPLIER :

The mechanical advantage in the use of your torque multiplier is derived from the planetary transmission within the gear head of the tool. With the torque multiplier reaction bar in a fixed position against a stationary object, and the input tool driving, the socket and fastener sees forces equalling the ratio of the torque multiplier or combination of multipliers being used times the input force. Due to frictional losses in the gear train, a torque loss factor within 6% should be anticipated. In breaking a difficult or frozen fastener, the driving force is simple reversed, it is important to set the reaction bar against a strong stationary object. The reaction bar rotation is opposite the output force rotation. See sketch.

- CAUTION :**
- 1. DO NOT EXCEED THE RATED CAPACITY OF THE MODEL TORQUE MULTIPLIER BEING USED. EXCESSIVE INPUT FORCE MAY RESULT IN TOOL FAILURE ANF SUDDEN RELEASE OF INPUT DRIVE.**
 - 2. TORQUE MULTIPLIERS ARE NOT INTENDED FOR USE WITH INPUT FORCES FROM IMPACT TOOLS.HIGH SHOCK LOADS MAY CAUSE DAMAGE TO TOOL.**

