

Care and Use of EZ Torque Winches

MAINTENANCE:

- The gear mechanism requires periodic lubrication to maintain proper function. It is important to use premium grade 2 lithium based bearing grease with molydisulfide.
- The grease fitting is located on the back of the gear housing and mates with a standard zerkl adapter on a grease gun.
- Inject grease until it comes out either the main shaft bushing or the input hex drive shaft bushing.

OPERATION:

- Turn the input hex drive counterclockwise to disengage from the main gear. The hex drive shaft will move outward from the gear housing.
- With the gears disengaged, the main shaft can be turned by hand using the hand wheel.
- Pull excess binder strap webbing through the web slot in the main shaft as with a standard winch. Using the hand wheel, rotate the main shaft and snug up the binder with 1 ½ to 2 wraps on the spool.
- Turn the hex drive clockwise to engage the gears and continue to turn clockwise to apply tension to the binder. Six to ten turns of the input hex drive should be sufficient. Do not over tighten.
- Using a portable power drill with a 1" hex socket is an optional way to turn the hex input shaft. DO NOT use the "hammer" setting available on some drills and DO NOT use an air impact wrench to drive the hex input shaft. Most power drills do not have sufficient torque to fully tighten the binder straps and one or two turns using the EZ Torque Crank Handle may still be required.

CAUTION

Use only the EZ Torque Crank handle for tensioning the EZ Torque Winch. Use of longer handles will produce excessive strap tension, may damage the gear mechanism and will void the warranty.

- Applying 40 to 60 lb to the end of the EZ Torque Crank will result in approximately 1500 lb of strap tension. By increasing the applied force to the EZ Torque Crank to 100 to 140 lb, strap tension of approximately 2200 lb can be achieved. Additional strap tension is not needed to adequately secure typical cargo.



EZ Torque Crank Handle

BINDERS:

- EZ Torque Winches are designed for use with webbing strap binders only.
- Do not use cable binders with EZ Torque winches.
- Do not use damaged, deteriorated or cut web binders. See CVSA guidelines for out-of-service criteria.
- Check binders periodically during transit and re-tighten as required.

MODIFICATION OR MISUSE:

- Any modification or misuse of the EZ Torque Winch will result in voiding the warranty and liability responsibility of Ancra International.
- Do not use as a lifting or pulling device.
- Do not use tensioning bars other than the EZ Torque Crank Handle, which is designed specifically to work with the EZ Torque Winch.

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