Pulling Harness Kits — 2500 Series

Operating, Safety, and Parts Manual

Read and understand this material before using the Pulling Harness. Failure to understand how to safely operate this unit may result in serious injury or death.

This manual is free of charge. All personnel who operate the Pulling Harness should have a copy of this manual and read and understand its contents. To request a copy, call or write to the address below.

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SAFETY ALERTS

Safety Alert Symbol

THIS SAFETY SYMBOL is used to call your attention to instructions that concern your personal safety. It means: ATTENTION! BE AWARE! THIS IS AN IMPORTANT SAFETY INSTRUCTION!

Read, understand, and follow these safety instructions. Failure to follow these safety instructions may result in injury or death.

⚠️ DANGER
Immediate hazards which, if not avoided, WILL result in serious personal injury or death.

⚠️ WARNING
Hazards or unsafe practices which, if not avoided, COULD result in serious personal injury or death.

⚠️ CAUTION
Hazards or unsafe practices which, if not avoided, COULD result in minor personal injury or property damage.
IMPORTANT SAFETY INFORMATION

Follow ALL safety information provided by the manufacturer.

**WARNING** NEVER allow the pulling harnesses and clevis to be pulled across sheaves or cable puller capstans.

**WARNING** Following are the MAXIMUM pulling capacities:
- 1,750 lbs. maximum when using 1 grip of the double leg pulling harness.
- 3,250 lbs. maximum per double leg pulling harness when using both grips of the harness.
- 6,500 lbs. maximum when using both (Model 2500-1 and Model 2500-2) pulling harnesses.

See DEFINITIONS below.
- Clevis maximum capacity is 6,500 lbs.

**WARNING** The wire being pulled should be secured by both of the jam screws in each grip. Jam screws must be offset as shown in Figure A.

![Figure A](image)

**WARNING** The pulling rope must only go around the removable sheave on the clevis and the pulling harness loop must only go around the solid end of the clevis. See Figure B.

![Figure B](image)

DEFINITIONS

- **Double Leg Pulling Harness**
- **1 Grip**
- **1 Leg**
- **Pulling Harness Loop**
- **Solid End of Clevis**
- **Removeable Sheave**
- **Clevis**
- **Pulling Rope**
- **Jam Screw**

This manual should be read and understood by all personnel who operate the Pulling Harness. Failure to understand how to safely operate this unit could result in injury or death. This unit should only be operated by qualified personnel.
**SET-UP INSTRUCTIONS**

NOTE: *Current Tools Pulling Harness Kits are designed to pull copper or aluminum cable in 2” and larger conduit.*

1. Remove approximately three inches of insulation from the end of the cable to be pulled.

2. Back out both jam screws using the allen wrench provided.

3. Slide the bare cable completely into the grip. Be sure the cable is inserted completely into the grip so that both jam screws will contact the cable when tightened. *See Figure C.*

![Figure C](image)

NOTE: If the cable diameter is too large, clip the center core of the cable and use the outside strands in the grip.

4. Tighten both jam screws securely against the cable.

NOTE: To ensure that the jam screws do not extend above the surface of the grip, the bare cable should fill between 40% and 60% of the grip. If the jam screws protrude above the surface of the grip, damage may occur to the conduit. If jam screws extend slightly above the surface of the grip, wrap the grip with electrical tape.

**CLEVIS INSTALLATION**

1. With allen wrench provided, remove sheave pin and sheave. *See Figure D.*

![Figure D](image)

2. Place loop(s) of pulling harness(es) over solid end of clevis. Place pulling rope around sheave. *See Figure E.*

![Figure E](image)
3. Place sheave in clevis and re-install sheave pin. Firmly tighten sheave pin with allen wrench provided. See Figure F.

4. Clevis Installation is now complete.

**HARNESS KITS**

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