

## INSTRUCTIONS

### BEFORE DISASSEMBLING OR INSTALLING CHAINS

#### Observe the following safety precautions:

1. Follow your lock-out tag-out and power off procedures before installing, removing, lubricating or servicing a chain system.
2. Always wear appropriate Personal Protective Equipment, including safety glasses, shoes, clothing and gloves.
3. Support the chain and equipment to prevent uncontrolled movement of the chain or equipment.
4. Use pressing equipment to remove or install press fit pins or link plates. Tools must be in good condition and properly used.
5. Do not attempt to connect or disconnect chain without an understanding of chain construction.

### CHAIN DISASSEMBLY

#### Removal of chain via the connecting link:

1. Remove the cotters or spring clip from the connecting link.
2. Remove the cover plate and disassemble the link. Remove the chain from the equipment.

#### Removal of chain via pin extraction:

1. If the chain is riveted, grind the pin heads off from one link such that the ends are flush with the link plate. If the chain uses cotters, remove them from one link. It is only necessary to perform this operation on one side of the chain.
2. From the same side of the chain in the previous step 1, drive the pins out of the link using a pin extractor (e.g. Drives® EZ Breaker® or Diamond® PE113, PE135, PERE157 or PE-Max).
3. Remove the plate and disassemble the link. Remove the chain from the equipment.

### CHAIN INSTALLATION

1. Install the chain and couple using a connecting link.
2. Install the cover plate to the connecting link. NOTE: Press fit cover plates use an interference fit and require tools to assemble.
3. Install spring-clips or cotter pins. NOTE: Avoid using bent or worn spring-clips or cotters. Cotter pins should not be bent past 45 degrees. After installation, lightly tap pin ends to position parts snug against the cover plate for additional support.

Further information may be obtained at [www.diamonddrives.com](http://www.diamonddrives.com).

Reference [www.diamonddrives.com/warnings](http://www.diamonddrives.com/warnings) for product warnings and cautions.

Diamond® chain and Drives® chain are part of The Timken Company's growing portfolio of engineered bearings and industrial motion products.