KIENE *K-1350 WHEEL GRABBER*

OPERATING INSTRUCTIONS

CAUTION: Before attempting to operate this device, read and understand these instructions.

WHEEL GRABBER PREPARATION:

The Kiene K-1350 Wheel Grabber is shipped partially assembled. Refer to the Parts Illustration on the last page to make certain that all parts have been received and that no damage has occurred.

VEHICLE PREPARATION:

Inspect the wheel to be removed for cracks and other damage. **Deflate the tire on a damaged wheel.**

Raise the vehicle so that the tire is approximately 1” off the floor.

Loosen the wheel nuts and back them off 1/4”.

Release the brakes and make certain that the wheel rotates freely.

CHAIN ASSEMBLY SELECTION:

The number of chain assemblies required to remove a wheel will depend upon the number of vent holes through the wheel. Use the following number of chain assemblies: 2 holes = 2 chain assemblies, 4 holes = 4 chain assemblies, 5 holes = 3 chain assemblies, 10 holes = 3 chain assemblies.

Steel Disk-type Wheels: The WW2101 Chain Assemblies will fit most wheels of this type. Install the chain assembly by placing the anchor-shaped hook through the vent hole. Then rotate the hook so that the ends engage the hole. The curve of the anchor hook should match the curve of the wheel. Rotate the wheel until the vent hole is aligned with one of the eyebolts on the Head Assembly. Attach the chain assembly's safety hook to the eyebolt. Note: If the tire's valve stem interferes, carefully bend it out of the way.

Aluminum Wheels: The WW2102 Chain Assemblies will fit most aluminum wheels with 1-5/8" diameter or larger vent holes. Install the chain assembly by first folding the chain link back along the T-bar. Then, pass the T-bar through the vent hole and rotate it so that the ends engage the hole. (When removing wheels with ten holes, begin at the vent hole next to the air valve stem.) Rotate the wheel until the vent hole is aligned with one of the eyebolts on the Head Assembly. Attach the chain assembly's safety hook to the eyebolt. Consult the factory when removing wheels that do not accept standard chain assemblies.

WHEEL REMOVAL:

Loosen the Clamping Knob. Use the Height Adjusting Bar to raise the Hub Socket so that it may be properly seated as described previously. **The Clamp Knob should remain loose when pulling a wheel.**

Attach each chain assembly as described above. Turn the Forcing Screw by hand until all of the chain assemblies are **uniformly** tensioned.

Make certain that all of the chain assemblies are fully engaged in the wheel vent holes and that they are all uniformly tensioned. Chain assemblies that do not pull evenly may cause the Forcing Screw to bend. Damage to the Forcing Screw caused by improperly installed chain assemblies will not be covered under warranty.

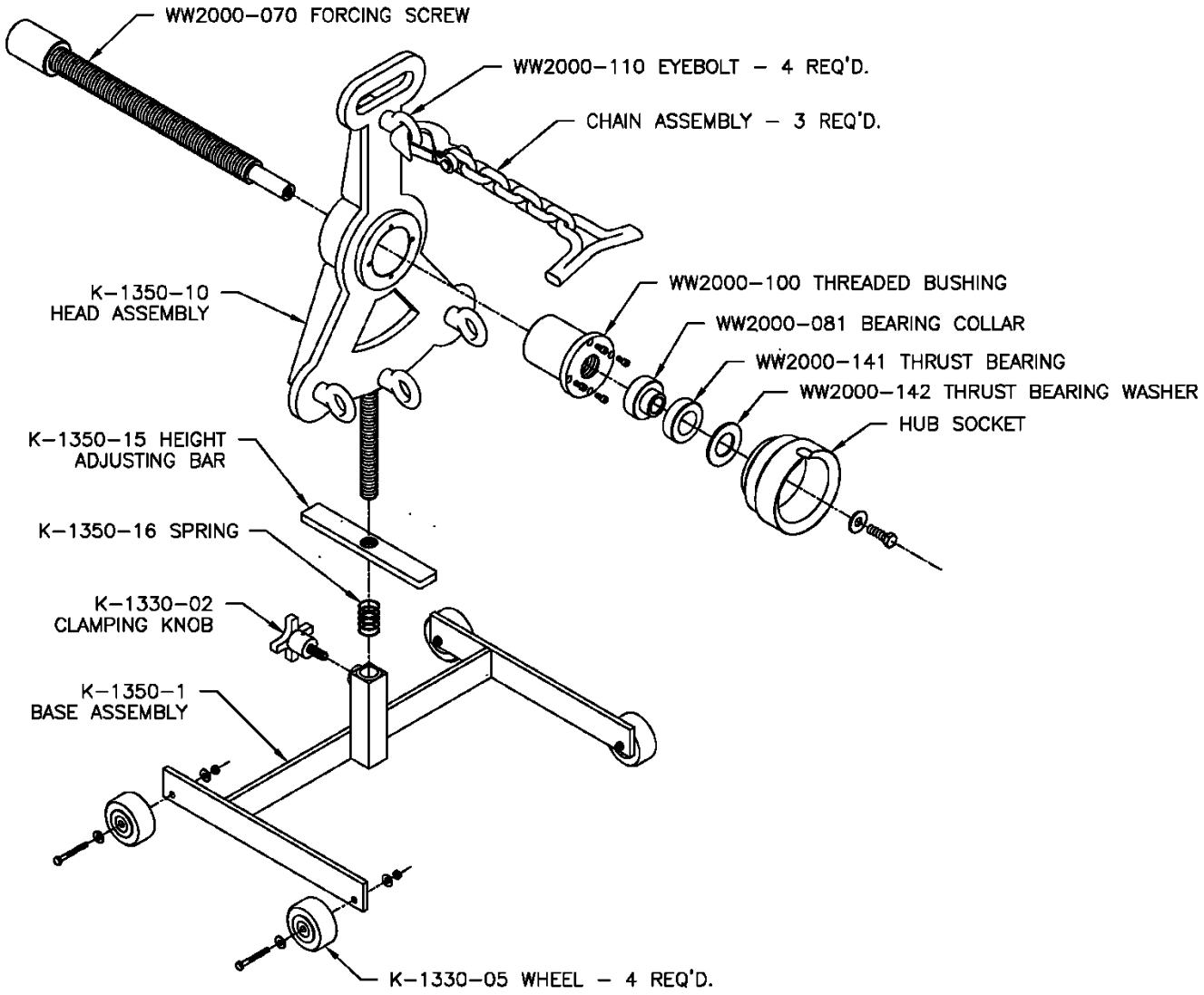
Using an impact gun, turn the Forcing Screw until the wheel breaks loose. At this point, the wheel nuts may be removed and the wheel pulled completely off the hub pilot.

MAINTENANCE INSTRUCTIONS:

Before each use, inspect the chain assemblies and eyebolts for damage or excessive wear and replace as necessary. Check the Thrust Bearing to insure that the hub socket will spin freely.

The Forcing Screw threads require periodic cleaning and lubricating, especially if used in dirty areas. Apply a nickel-based, anti-seize compound as needed.

K-1350 WHEEL GRABBER – *PARTS ILLUSTRATION*



ASSEMBLY INSTRUCTIONS:

1. Attach Wheels to Base Assembly using the 3/8-16 X 2-3/4" long hex head cap screws, 3/8 flat washers and 3/8 hex nuts provided.

2. Thread Height Adjusting Bar onto Head Assembly post. Slide Spring onto post and place assembly into base. Install Clamping Knob and tighten.

3. Thread Forcing Screw into Threaded Bushing and secure in Head Assembly, using the 1/4-20 X 5/8 long socket head cap screws provided.

4. Place Bearing Collar, Thrust Bearing, Thrust Bearing Washer and hub socket onto Forcing Screw. Secure with 1/2-13 X 3/4" long hex head cap screw and flat washer.

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