

KIENE

DIESEL ACCESSORIES, INC.



Hanco Corporation
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KEDK1350

Wheel Grabber

The Kiene *Wheel Grabber* is the proven, successful way to remove a seized, hub-piloted wheel.

The Unit:

- Quickly and safely removes seized hub-piloted wheels from steering, drive and trailer axles.
- Works effectively on steel or aluminum wheels.
- Features a compact and portable design.

Why:

- Frustrate yourself with a porta-power?
- Exhaust yourself swinging a sledge hammer?
- Risk damage to the wheel and studs by loosening the lug nuts and driving the vehicle around the block?
- Use another method, when one mechanic can finish the job safely and return the vehicle to service quickly, using an impact wrench, and the *Wheel Grabber*?

KIENE Equipment ...
*an investment in safety
and productivity*

HOW DOES IT WORK?



The Pulling Chains are hooked into the hand holes and their Safety Hooks are attached to the Wheel Grabber. Next, the Hub Socket is centered on the wheel hub. An impact wrench, applied to the Forcing Screw, uniformly tightens the Pulling Chains until the seized wheel is freed - *without damage to the wheel or hub!* **SAFE, QUICK, SIMPLE!**



MADE IN THE U.S.A.

ORDERING INFORMATION

PART NUMBER	DESCRIPTION
K-1350	Wheel Grabber - Specify Chain Set and 1 Hub Socket
Chain Assemblies - A set of 3 of the same part number are included with purchase	
WW2101	Steel Wheel Pulling Chain Assembly
WW2102	Aluminum Wheel Pulling Chain Assembly
Hub Sockets - Choice of 1 with purchase	
WW2151	Drive Axle Socket (for most Eaton and Meritor-Rockwell drive axles)
WW2153	Steer Axle Socket (for CR1798 and most buses)
WW2154	Trailer and Ford 450/550 Socket (for most Stenoco and CR1643 & 1743 hubcaps)
WW2155	Fruehauf Trailer Socket
WW2156	Pro-Par Trailer Socket (for Pro-Par hubcaps)

NEW APPLICATIONS:

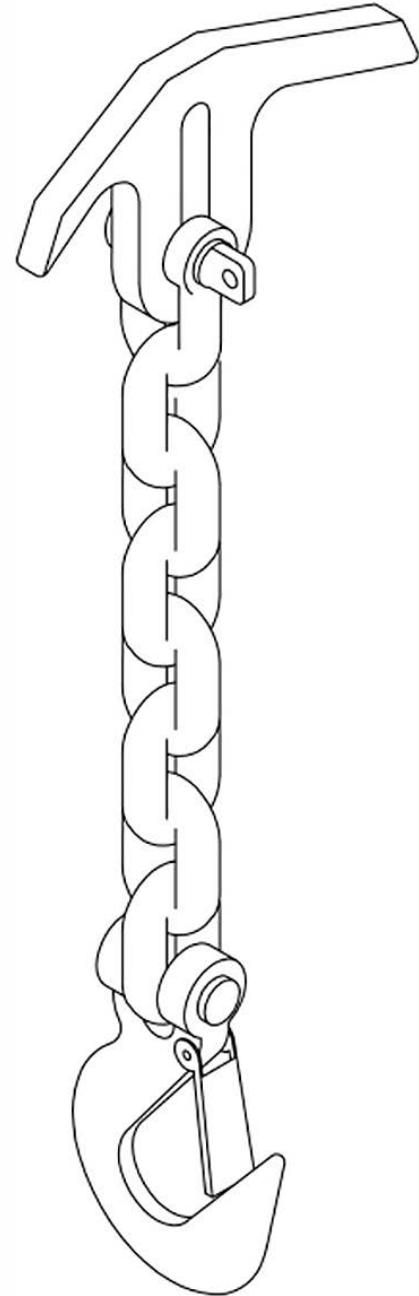
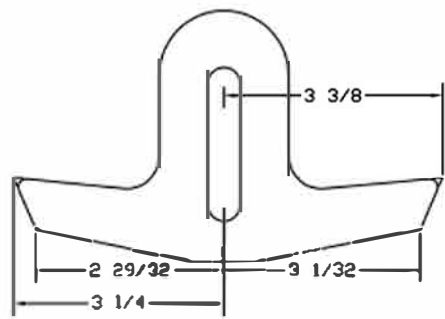
- Our new K-1356 Brake Drum Puller allows the K-1350 to pull seized, heavy-duty brake drums. **K-1350 is required**
- Use the K-1350 to pull seized wheels on **school buses** and **Ford 450 and 550 Super-Duty** trucks!

****The Hanco K1350 comes standard with the W2101 & W2154****

You may substitute or add any other accessory available

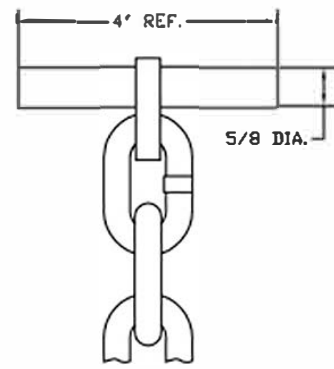
PART NUMBER	DESCRIPTION	APPLICATION
WW2151	DRIVE AXLE SOCKET	FITS CLASS 8 DRIVE AXLES (7" AND 7-1/4" STUD CIRCLE DIAMETER)
WW2153	STEERING AXLE & EUCLID TRAILER SOCKET	CR1798, STEMCO 343-4176 & 343-4080 AND EUCLID HUB CAPS
WW2154	TAPERED SPINDLE TRAILER SOCKET	FITS MOST HUB CAPS WITH 5-1/2" BOLT CIRCLE DIAMETER. ALSO FITS FORD F-450/550 DRIVE AXLES. INSERTS AVAILABLE FOR FORD 350s AND E-450
WW2155	FREUHAUF TRAILER SOCKET	FOR 6 1/4 - 8 TWIST-ON HUB CAPS
WW2156	PARALLEL SPINDLE TRAILER SOCKET	FITS MOST HUB CAPS WITH 6-3/4" BOLT CIRCLE DIAMETER
WW2158	PLANETARY AXLE SOCKET	FITS MOST MAN AND PROTERRA PLANETARY AXLES
WW2161	DRIVE AXLE UPS PACKAGE CAR SCHOOL BUS	FITS SMALLER DRIVE AXLES (5-5/16" AND 5-1/4" STUD CIRCLE DIAMETER)

WW2151	WW2153	WW2154
WW2155	WW2156	WW2161



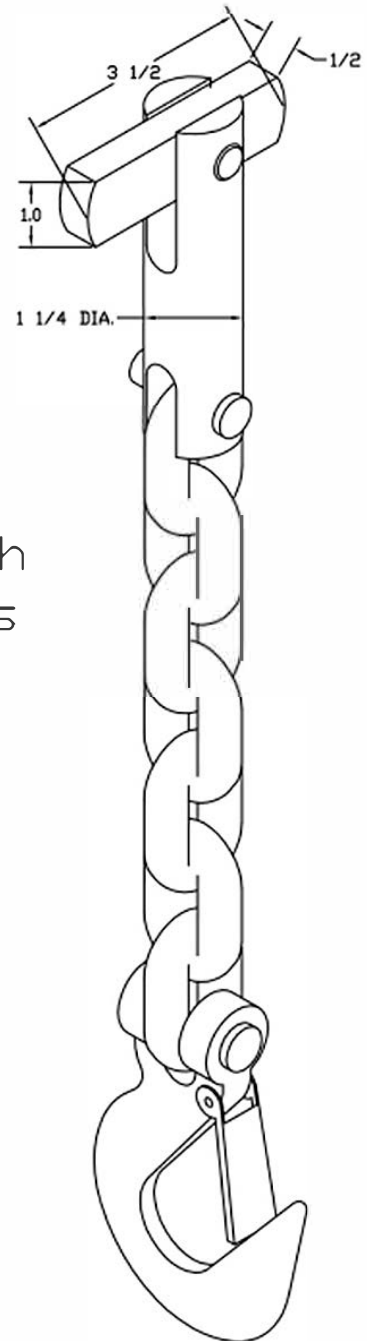
WW2101

Steel wheels with 4" and larger hand holes



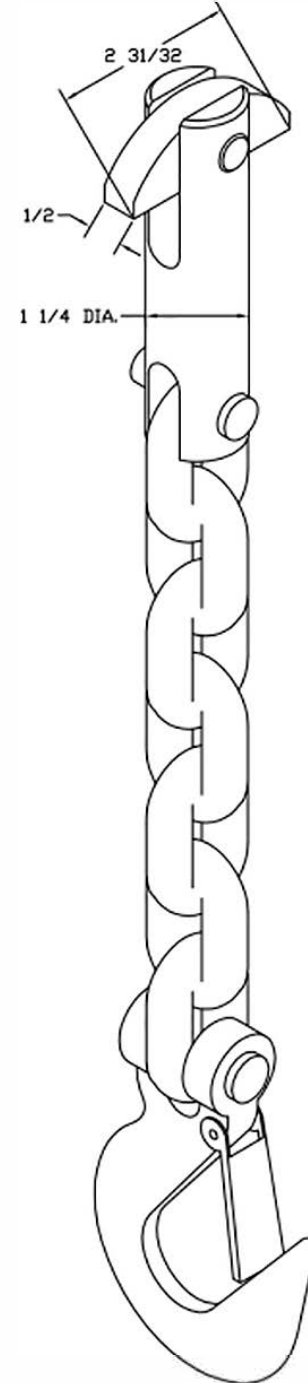
WW2102

Aluminum wheels with 1-5/8" to 2-1/4" holes



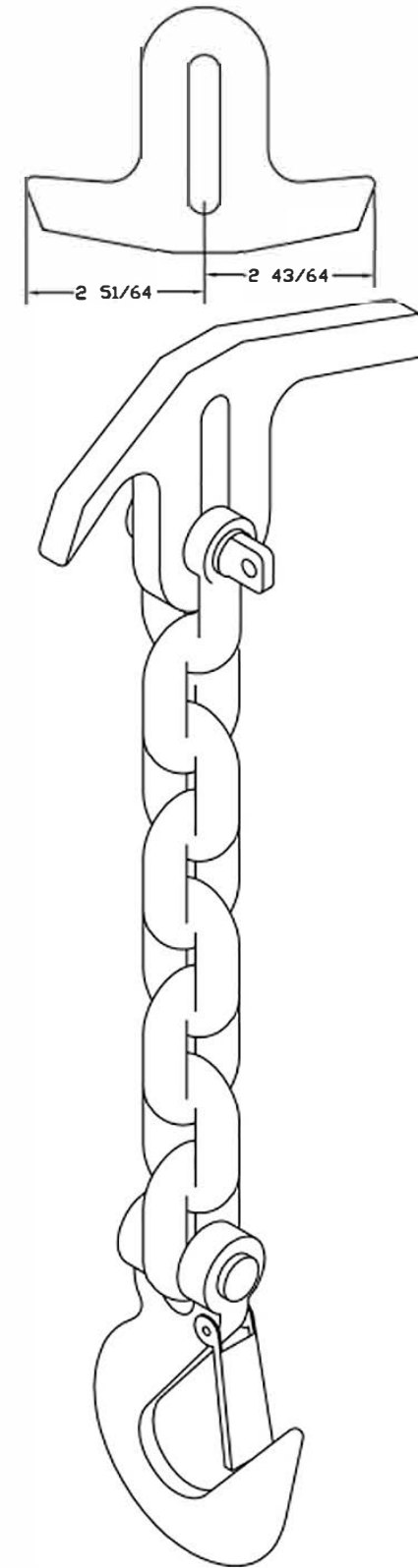
WW2104

Wheels with 1-1/2" holes



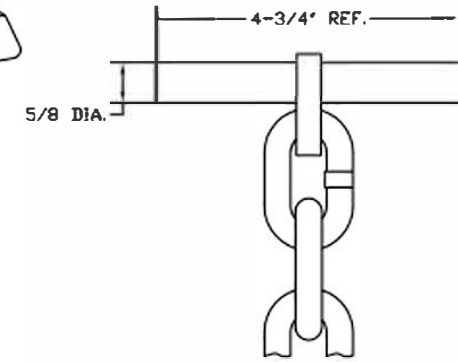
WW2105

Supersingles



WW2107

Ford 350 & UPS package cars



WW2108

Steel wheel with 2.9" diameter holes

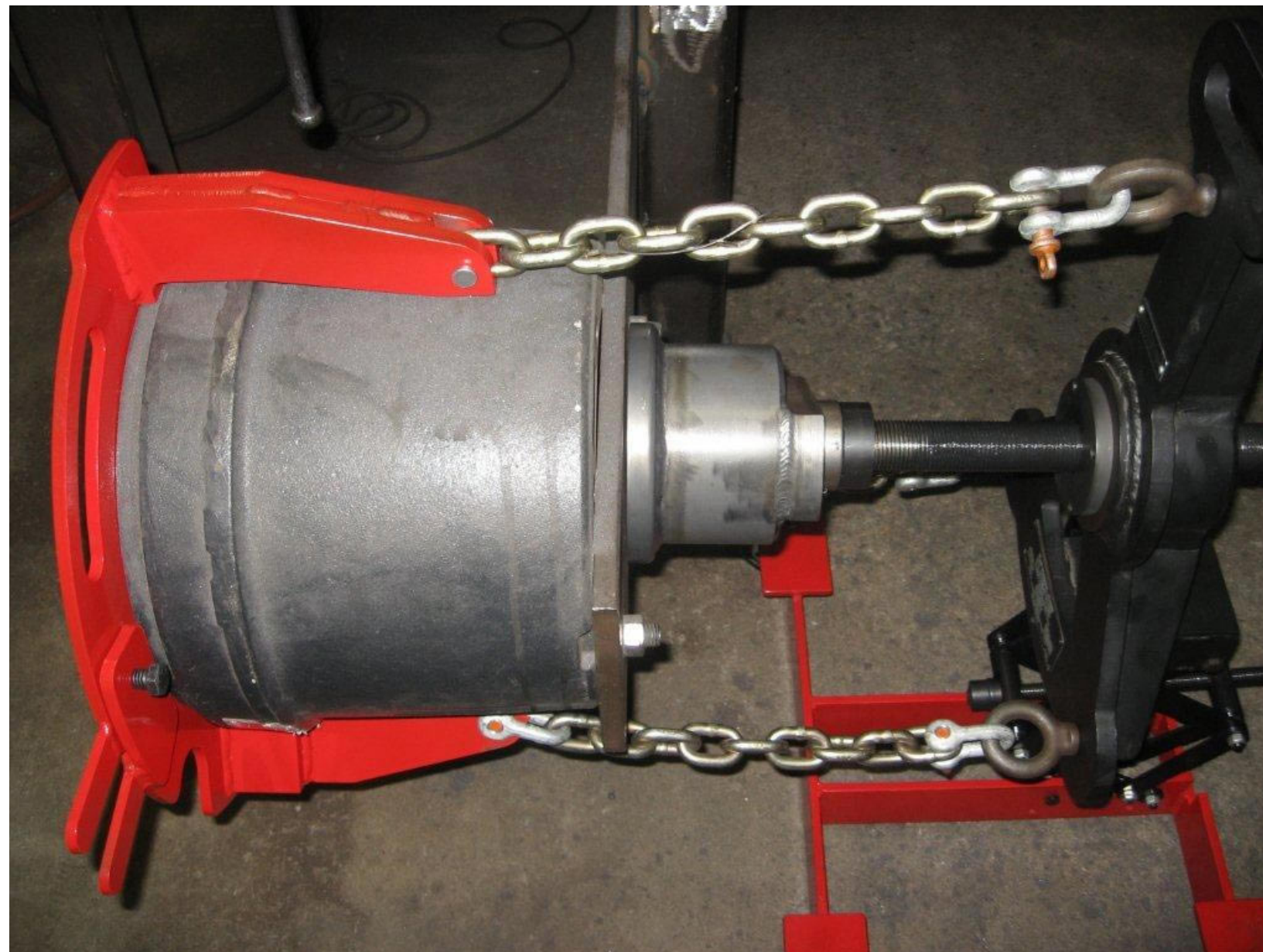


WW2109

Two hole wheels with valve stem interference

WW2210 BRAKE DRUM ADAPTER FOR K-1350 WHEEL GRABBER

Sold separately



INSTRUCTIONS: KIENE WW2210 Brake Drum Puller

(For use with KIENE K-1350 or K-1350HS Wheel Grabber, WW2000 or WW2500 Wheel Whiz)

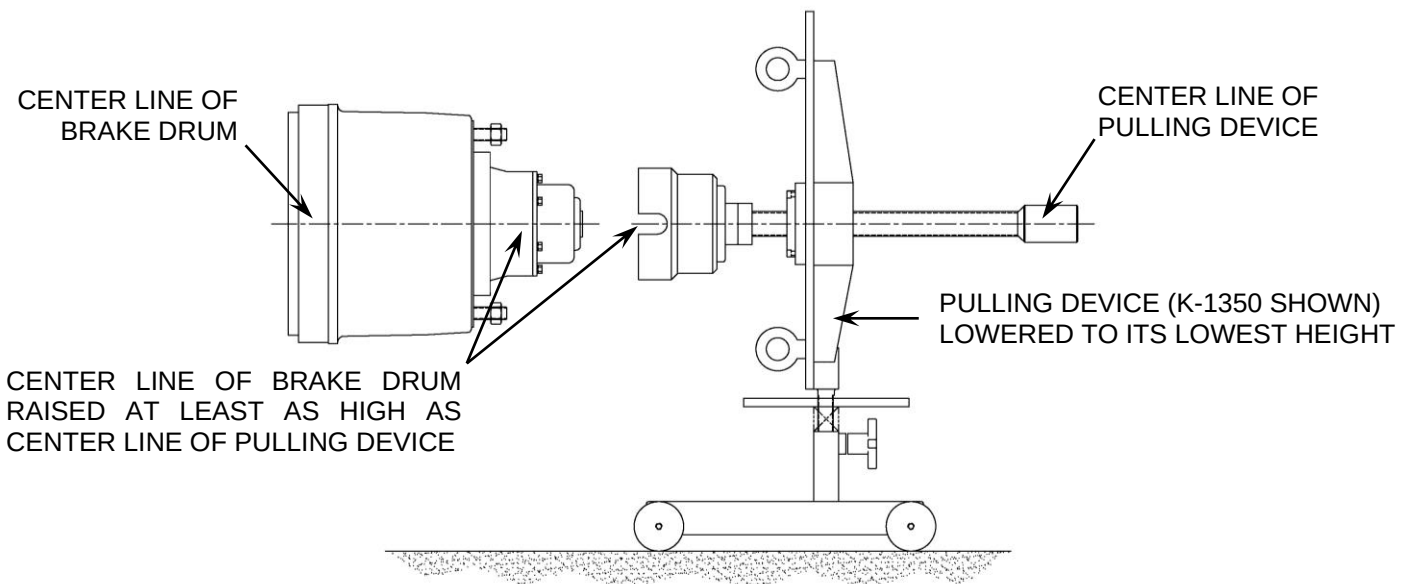
APPLICATION: The WW2210 is designed to remove 12-1/2" outboard brake drums.

CAUTION:

- Before using this device, read and understand these instructions.
- A complete review and understanding of the K-1350, K-1350HS, WW2000 or WW2500 operating instructions should be made before using this device.

VEHICLE PREPARATION:

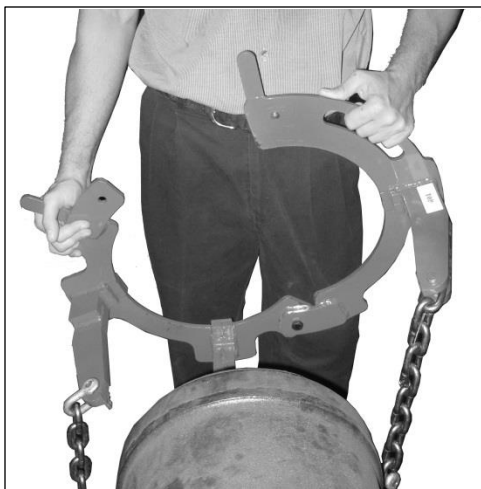
- Lower the pulling device (K-1350, for example) to its lowest setting.
- Raise the vehicle so that the center of the brake drum is at least as high as the center of the pulling device. Refer to the illustration below. **IMPORTANT: If the center of the brake drum is lower than the center of the pulling device, the pulling device may be damaged as the brake drum is removed.**



- Remove the wheel. Release the brakes and make certain that the brake shoes are not touching the inside of the drum.
- Re-install several wheel nuts, but do not tighten them against the brake drum. Make sure there is clearance between the nuts and brake drum.

INSTALLING AND USING THE BRAKE DRUM PULLER: (Refer to the following photographs and illustration.)

- Remove the Lock Bolt and loosen the Hinge Bolt, so that the Brake Drum Puller can be opened.
- Open the Brake Drum Puller and place it on the inboard side of the drum. Make sure the upper pulling arm (marked "TOP") is on top and centered on the brake drum.
- Close the Brake Drum Puller. Make sure there are no gaps between the Brake Drum Puller and the drum. Install and tighten the Lock Bolt. Tighten the Hinge Bolt.
- Align the chain assemblies with the Wheel Grabber or Wheel Whiz eyebolts. Attach the D-shackle of the chain assemblies to the eyebolts.
- Follow the "Wheel Removal" instructions of your pulling device to finish removing the drum. Make sure that other parts of the vehicle will not interfere with the puller as the brake drum is removed.



BRAKE DRUM PULLER OPENED,
READY TO BE INSTALLED ON
INBOARD SIDE OF BRAKE DRUM



BRAKE DRUM PULLER CLOSED,
LOCK BOLT AND WASHER BEING
INSTALLED AND TIGHTENED



THERE SHOULD BE NO
GAPS BETWEEN THE
TOOL AND THE DRUM

MAKE SURE THERE ARE NO GAPS
BETWEEN THE BRAKE DRUM
PULLER AND THE DRUM



WW2210 BRAKE DRUM PULLER
INSTALLED AND SHOWN FROM
INBOARD SIDE OF DRUM

