



Gaither[®]
PROFESSIONAL EQUIPMENT

**REACHING
FOR NEW
HEIGHTS!**



INSTRUCTIONS FOR
12880E BEAD SAVER SYSTEM

SPARE PARTS



1. Lever Bar (#12886)
2. Beavertail (#12899)
3. Clevis (#12902)
4. Bead Keeper (#12894)
5. Wedge (#12893)
6. On/Off Plate (#12892)
7. Heavy-Duty Tool Box (#12900)
8. Gaither Super Slick'em (#12904)
9. Video Training Tape (#12905)

MOUNTING



Use a mop to apply Gaither Super Slick'em to both beads before mounting.



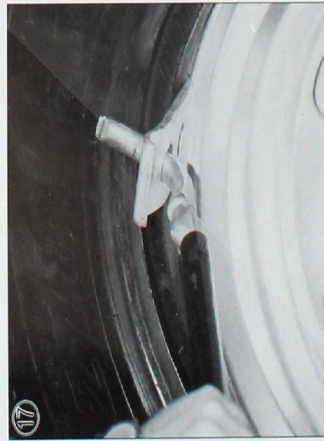
Set tire on the wheel as far as you can with both hands and body weight.



Place the spoon-end of the lever bar between the bead and the rim. Set it as far as possible to one side.



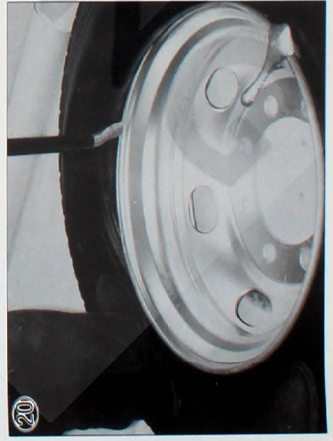
Place one foot inside the wheel. Place the other foot on top of the tire and push down so that the top bead meets the silver part of the lever bar.



If you cannot mount the first bead with the spoon-end, you can use the on/off plate and the crook end of the lever bar as shown here to help in mounting those difficult tires.



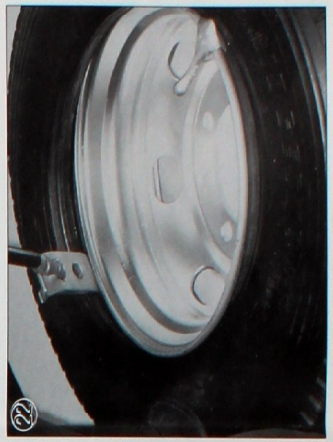
Before mounting the second bead, place the bead-keeper on the wheel. It will lock automatically to hold the tire to the wheel.



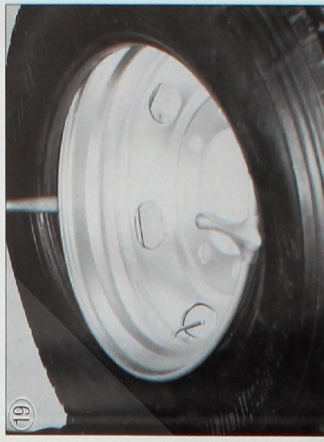
If you only have one beadkeeper, stand on top of the tire and hold the opposite side down with your feet while you are mounting.



A hammer is not necessary. Since the special design of the spoon tip allows the user to apply leverage where normal levers cannot.

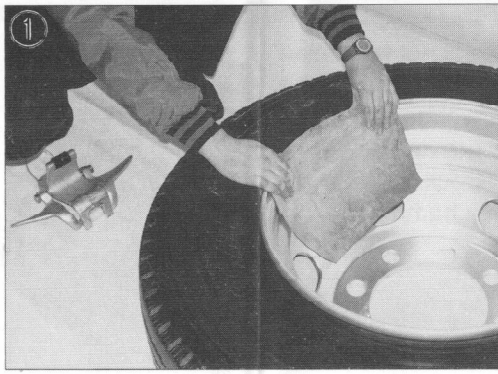


AGAIN, IF YOU HAVE A VERY STIFF TIRE, YOU MAY NEED TO USE THE ON/OFF PLATE AND THE CROOK END OF THE LEVER BAR TO PROTECT THE BEAD. (AS SHOWN HERE)



Use the spoon-end of the lever bar on the opposite side of the wheel and mount in small bits.

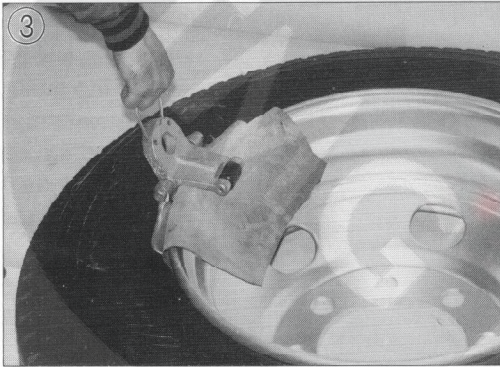
TECHNIQUES FOR DISMOUNTING ALUMINUM & CHROME WHEELS
(To prevent scrapes & scratches)



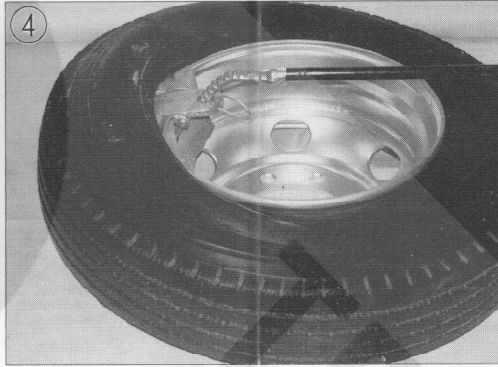
1 Either place the protective cover included in set over the black roller of the clevis or use an old inner tube or shop towel between the tire and the wheel.



2 Place the clevis behind the inner tube and push down with foot.



3 Set clevis properly by pulling up on the wire as shown here.



4 Place the crook end of the lever bar into the clevis. Step across the tire and pull down.



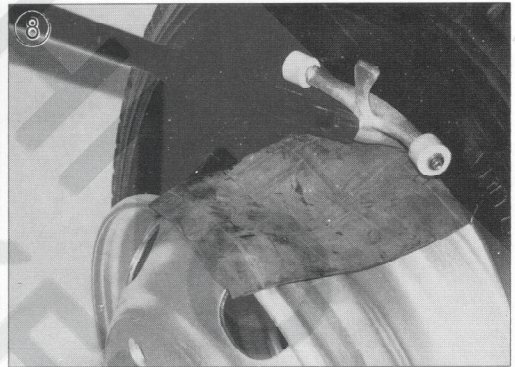
5 After reinserting the crook end, grip the wire of the clevis and the base of lever bar with one hand.



6 While keeping one hand on this assembly, dismount the tire with the other hand and take the clevis and lever bar out of the center of the tire as one piece. This technique prevents the clevis from falling into the drop center and scratching the wheel.



7 Stand the tire up and slide the inner tube between the wheel and the tire.



8 Place the end of the Beavertail on top of the tube and slide it between the tire and wheel. Dismount same as shown on previous page #10 and #11. (A RUBBER MAT IS RECOMMENDED TO PROTECT THE DISH OF THE WHEEL)

TECHNIQUES FOR MOUNTING ALUMINUM & CHROME WHEELS
(To prevent scrapes and scratches)

***THE FIRST BEAD SHOULD BE MOUNTED AS SHOWN ON THE PREVIOUS PAGE #12 - #17.**

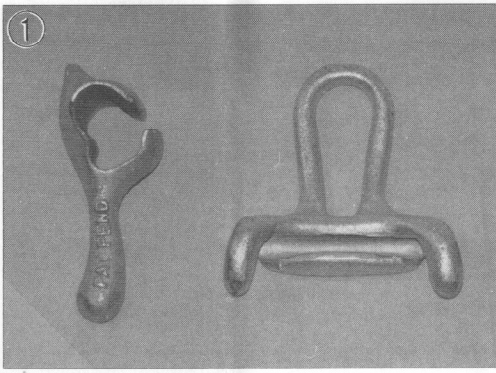


1 To prevent scratching, put an old tube or towel on the wheel and then lock the beadkeeper over it. *sometimes the bottom lip of the Beadkeeper may need to be shaved to fit properly.

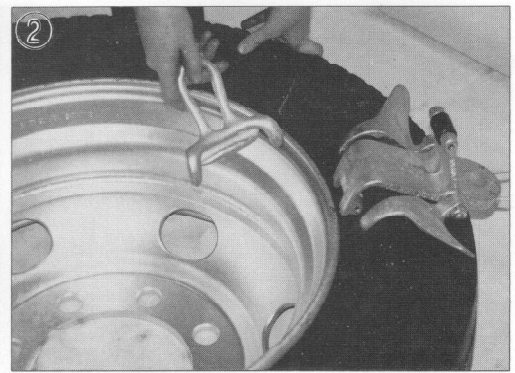


2 Mount the tire the same way as shown on #19 through #22.

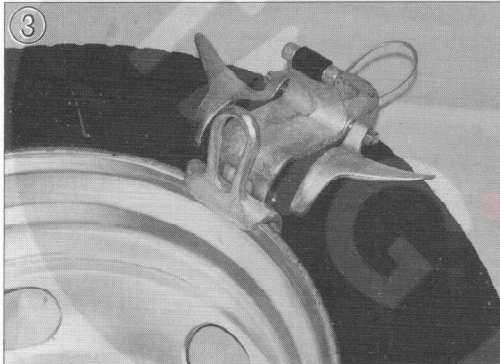
**SPECIAL DISMOUNTING
TECHNIQUES**
(Wide-Base 15R22.5
18R22.5 & other difficult
sizes)



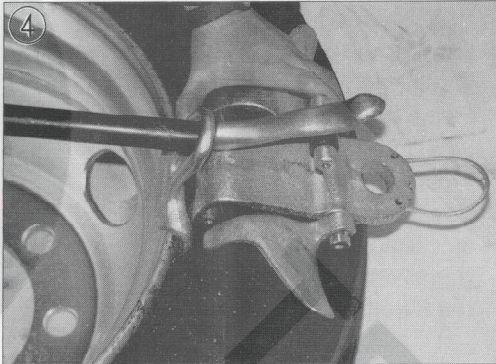
These two optional tools should be added to set #12880 to aid in dismounting and mounting wide-based tires and other difficult sizes. (Right - Clevis Assist #12898 Left - Beadkeeper #12894



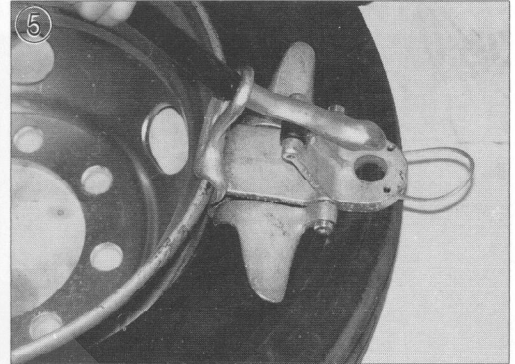
The Clevis Assist is used when the clevis cannot be set easily down between tire and wheel. **USED ON TIRES WITH VERY STIFF BEADS AND SIDEWALLS.**



Before locking the clevis assist to the wheel, please carry out instructions #1 to #3 on the previous page. Set the clevis directly behind clevis assist as shown here.



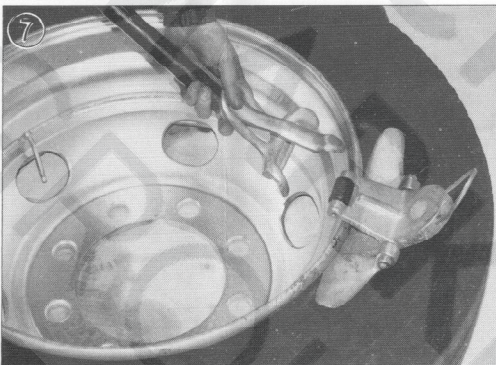
While stabilizing this assembly with one hand, place the spoon end of the lever bar through the hole of the clevis assist so the spoon tip is past the black roller.



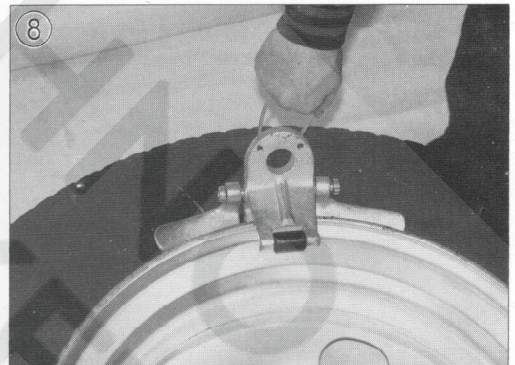
Lift up on the lever forcing the clevis downward between the tire and wheel.



After the spoon tip is in the hole on the clevis, give the lever one last push to make sure the clevis is set completely into the drop center.



Remove the lever bar and the clevis assist.

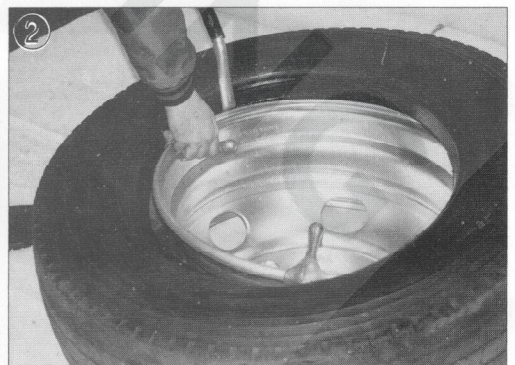


Pull on the wire connected to the clevis to set it properly and proceed with instructions #7 - #11 on the previous page to completely dismount the tire.

**SPECIAL MOUNTING
TECHNIQUES**
(Wide Base 15R22.5
18R22.5 & other difficult
sizes)



Use two beadkeepers on all tires that are difficult to mount with just one beadkeeper.



Using the lever bar, mount in small increments. Slide one beadkeeper around the wheel every time a section of the tire is mounted. The other beadkeeper should remain stationary.

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NOTES



GAITHER
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MARKETING

ABOUT US

Gaither Tool Company, Inc. founded in 1988, is an international organization committed to serving the tire and trucking industry. It invents and manufactures convenient tools and systems needed to service and maintain tires and wheel assemblies.

Gaither Tool Company, Inc. continually invests in research and development to bring to its customers the most effective tools in the business. It strives to improve efficiency and reduce costs for customers all over the world working in truck maintenance shops as well as on-the-road tire service providers. Bandag, Euromaster/Michelin, Bridgestone's First Stop, The United States Armed Forces... just to name a few.

Gaither supplies products to customers in over 100 countries, selling through exclusive and nonexclusive distributors. Gaither Tool Company, Inc. is headquartered in Jacksonville, Illinois, U.S.A. In 1997 it opened a branch office located in Roosendaal, Holland to better serve the European market. In 1999 that office was incorporated in Holland and Gaither Europe BV was started. Gaither's manufacturing plant and warehousing for International distribution is located in Taichung, Taiwan.

With a strategically placed location in both The United States and The Netherlands, we are able to serve the global industry



CONTACT US

gaithereurope.com

GAITHER EUROPE BV

Rechtzaad 6
4703 RC Roosendaal (Holland)

† +31 (0) 165 554475

f +31 (0) 165 391819

e evd@gaithereurope.com



CHANGING THE WAY THE WORLD CHANGES TIRES