OPERATING MANUAL

HH-419 BEAD BREAKER

READ INSTRUCTIONS THOROUGHLY BEFORE OPERATING

TSI SSG
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GENERAL INFORMATION

Overview: The HH-419 Bead Breaker is designed for use on all alloys, steel, painted or polished wheels and will not damage or scratch wheels when used properly. Completely adjustable the HH-419 Bead breaker will work on all wheels with diameters of 4″ to 19.5″ including both safety and split type wheels. Optional extension available to extend up to 24.5" Excellent for use on 4X4's, trucks, cars, ATV's, garden equipment and trailers.

WARNING! **TOOL IS DESIGNED TO BE USED FOR THE PURPOSE OF TIRE BEAD BREAKING ONLY!**

USE CAUTION! USE PROTECTIVE GEAR FOR EYES, EAR AND FEET.

OPERATION INSTRUCTIONS

To break the bead all pressure in the tire must be released by removing the valve.

1. Adjust HH-419 to correct rim size (13" - 19")

(4" - 12") *for the ATV foot accessory*

(*20" - 25") for the extension leg (Part #HH-419-E)*

2. With deflated wheel (valve removed) on a flat surface, stand on the wheel and get your balance. Place HH-419 across the center of the rim with jaws on opposite sides of rim and simultaneously apply pressure with your foot (to locate the foot tool) and with both hands on both tool handles. Keeping the two handles together, apply enough pres-sure to force jaws in and under the rim. (See Fig. 2)

Fig. 1

Fig. 2

WARNING! **DAMAGE TO THE TIRE WALL MAY OCCUR IF FULL PRESSURE IS APPLIED TO THE LONG HANDLE BEFORE THE JAWS ARE FORCED ALL THE WAY THE RIM AND ONTO THE TIRE BEAD.**

OPERATION INSTRUCTIONS

3. Once the jaws are forced all the way, keep outward pressure on the shorter handle, and operate the long handle outward, forcing the tire away from the rim. See arrow direction in Fig. 3.

4. Move the tool around the rim and repeat action until the bead pops.

5. Turn the wheel over and repeat the procedure as stated above until the back bead pops.

NOTE: Should it be difficult to force the jaws all the way in and under the rim do not continue. Hammer a tire lever between the rim and bead and force the jaws of HH-419 in alongside the lever, and proceed with the standard operating instructions outline above.

Fig. 3

Warranty Statement & Return Policy

Warranty & Workmanship you can depend on.

With over 25 years of manufacturing experience we maintain the ability to provide competitive prices while employing and manufacturing the majority of our products in the USA. Pride in our workmanship and standing behind each and every product is not just our claim but our uncompromising responsibility.

TSISSG equipment is warranted to be free from defects in materials and workmanship for a period of one year from the date of original purchase to the original owner. Repair labor is warranted for 90 days from the date of original purchase. Bushings, blades, bearings and normal wear and tear are not covered under warranty. Careless handling, negligence, misuse, abuse, mutilation, improper operation, making unauthorized repairs, additions, and or alterations automatically cancel this warranty and relieves TSISSG of any obligation. Cheetah tanks claimed to be defective while under warranty will be evaluated at our manufacturing plant and either repaired if possible or exchanged and returned or credit issued to the customer account at our discretion. Damage resulting from dropping the tanks will not receive warranty consideration. Warranty parts need to be returned prepaid to the plant for credit. Any replacement parts shipped from the plant will be shipped at the customer's expense. Machines requiring warranty work must be brought to the manufacturing plant in 201 Chelsea Rd, Monticello, MN or to a repair facility authorized by TSISSG.

Return Policy:

!!WARNING!! Goods returned without an RGA will be refused. A Returned Goods Authorization form must be obtained before returning any material or goods. All non-warranty returns will be subject to a 15% restocking fee plus any additional charges for reconditioning/repacking.

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