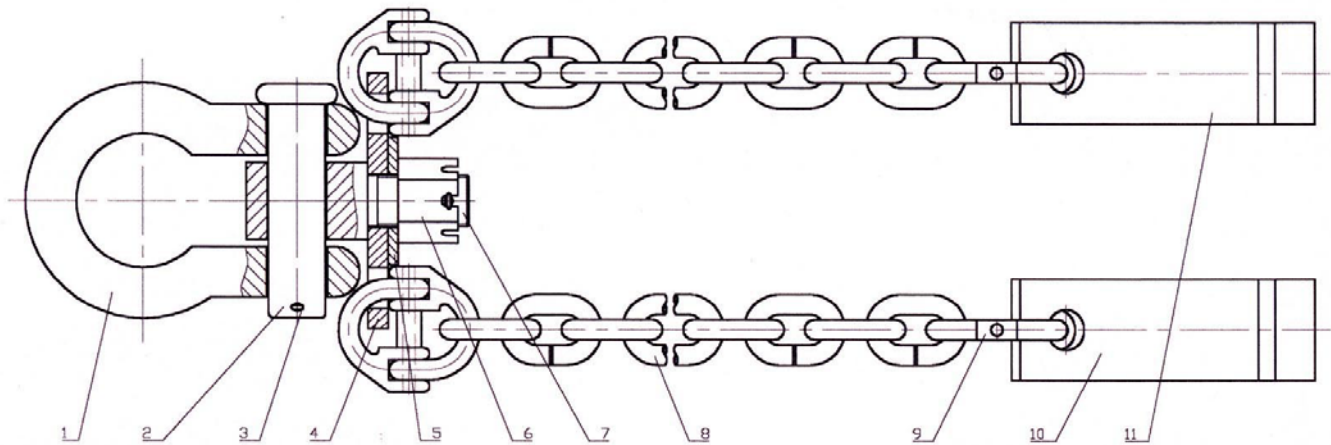




REPAIR PARTS SHEET

FLANGE RING PULLER

90300



Item	Part No.	Description	Quantity
1	90309	Anchor Shackle	1
2	90311	Pin	1
3	90306	Cotter Pin	2
4	90308	Plate	1
5	90310	Washer	1
6	90305	Hex Nut	1
7	90303	Lifting Block	1
8	90304	Chain	4
9	90307	Clasp	8
10	90302	Hook, Tapered	2
11	90301	Hook, Flat	2

SAFETY PRECAUTION

WARNING

This product, as well as all tire tools, should never be used by persons unless they have been trained properly according to O.S.H.A. Regulation #29CFR1910.177 entitled "Servicing Single-Piece & Multi-Piece Rim Wheels."

Instruction Manual
ESCO Part #90300

**Rim Base & Bead Seat
Band Puller/Lifter**



#90300 Chain Specifications:

Lift Capacity 5400 lbs - 2450 kg per chain
Breaking Force 16000 lbs. - 7250 kg per chain

DO NOT EXCEED LIFTING CAPACITY

**WARNING
SAFETY PRECAUTION**

This product, as well as all Tire Tools, should never be used by persons unless they have been trained properly according to O.S.H.A. Regulation #29CFR 1910.177 entitled "Servicing Single-Piece & Multipiece Rim Wheels." Copy of the Regulation is enclosed or contact this manufacturer.



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TIRE AND RIM LIFTING

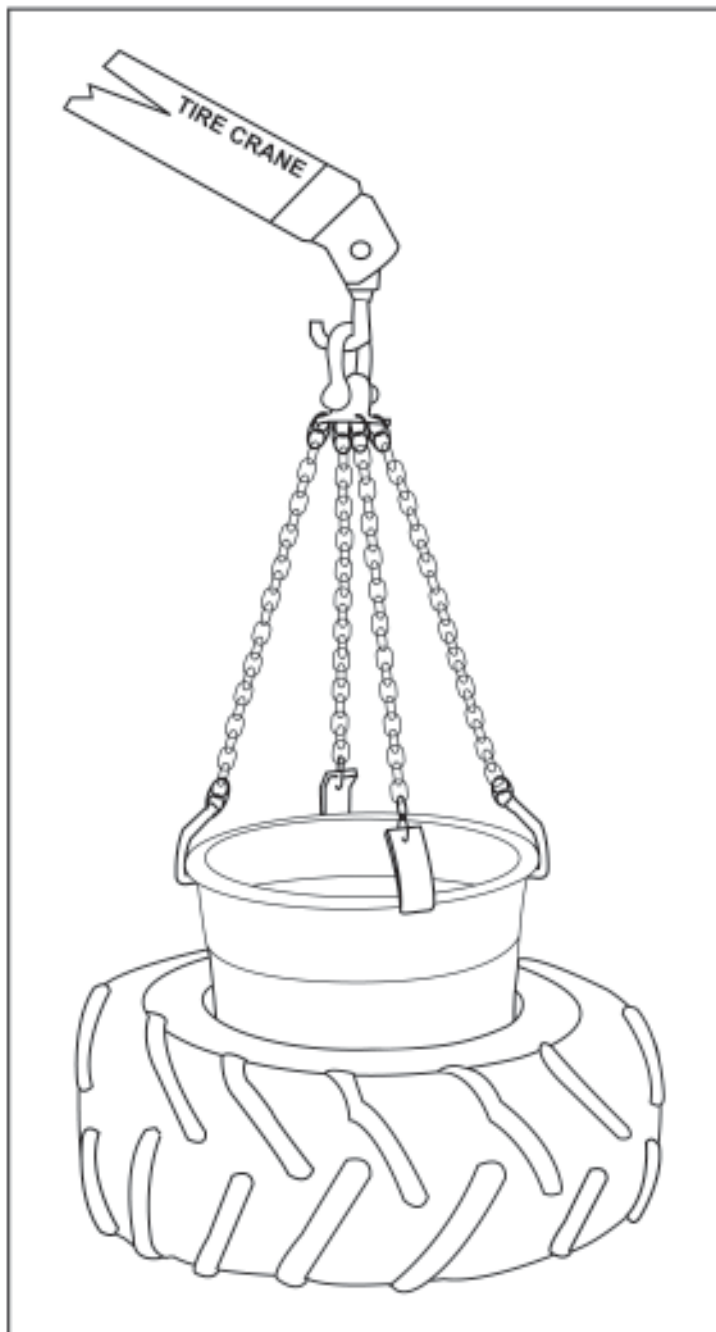


Figure 1

To lift the tire/rim or just the rim, attach the angled hooks on the end of each chain into the rim gutter, and lift the rim base or the tire and rim with the tire crane as shown in **Figure 1**.

REMOVING STUCK AND JAMMED BEAD SEAT BANDS FROM RIM BASE

With the lock ring and o-ring removed, place the hooks on the end of the chain into the bead seat band gutter or pry bar pockets as shown in **Figure 2**. Apply back (pull) pressure to crane and pull the bead seat band off the rim base.

INFLATION - EFFECTING A SEAL BETWEEN O-RING AND BEAD SEAT BAND

Install all rim parts in their proper positions. If the tire will not take air during inflation process, attach hooks on end of chain to bead loosening pockets in bead seat band. Apply a slight pulling pressure with crane to pull the bead seat band out to meet the o-ring effecting a seal. The tire will now take air.

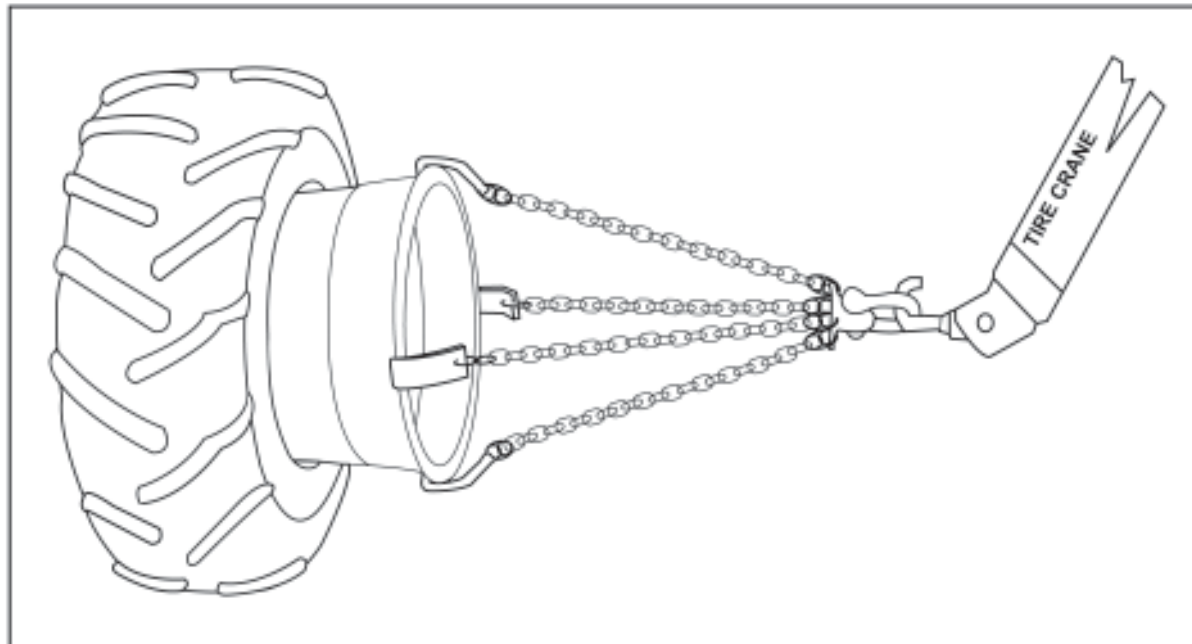







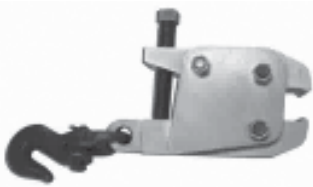

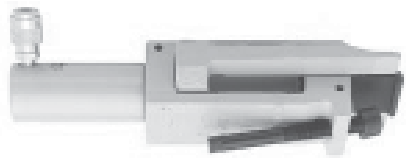



Figure 2

... Other ESCO Products To Make Your
OTR E/M Tire Changing Easier

		
<p>#10594 2 Gallons Per Minute Air Hydraulic Pump</p>	<p>#10312 - 55 Ton or 100 Ton Aluminum Jack</p>	<p>#10500 Air Hydraulic Pump</p>
		
<p>#90300 Bead Seat Puller and Rim Lifter</p>	<p>#12510 OTR Block Set</p>	<p>#90100 Rotating Tire Sling</p>
		
<p>#10607 Caterpillar Shur-Lok Adapter</p>	<p>#90350 Rim Flange Clamp</p>	<p>#10301 - #10306 Rams</p>
		
<p>#10100 Bead Breaker</p>	<p>#12500 Steel Crib Stand Set</p>	

For more information on these products,
visit our Web Site at www.esco.net.