



Equipment Supply Company



Instruction Manual

OTR Large O-Ring Installer

ESCO #40807



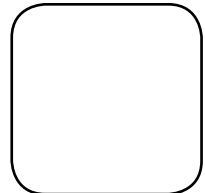
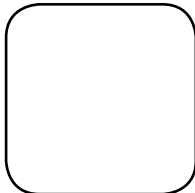
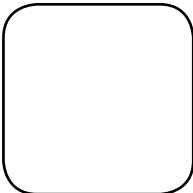
CAUTION:

THIS PRODUCT, AS WELL AS ALL TIRE TOOLS, SHOULD NEVER BE USED BY PERSONS UNLESS THEY HAVE BEEN TRAINED PROPERLY ACCORDING TO OSHA REGULATIONS 29CFR 1910.177 ENTITLED "SERVICING SINGLE-PIECE & MULTIPIECE RIM WHEELS".

FOR THE SAFE USE OF THIS PRODUCT, PLEASE READ INSTRUCTIONS. FAILURE TO DO SO CAN LEAD TO A VOID IN WARRANTY OR SERIOUS INJURY. PLEASE USE THIS TOOL AND OTHER TIRE SERVICE TOOLS WITH THE UPMOST SAFETY PRECAUTIONS.

CAUTION

Before using the product, carefully read the instructions manual and all stickers and warnings noted on the product. This is necessary to avoid injury to the operator and damage to the product.



Product Description

The ESCO OTR Large O-Ring Installer [Model #40807] is designed and built to manually install and remove O-Rings on OTR Tires 25" - 36". The unit is also used to separate the inside and outside beads of OTR tires as well as assists in the removal and installation of the lock ring.

Product Specifications

Tire Diameters: 25" - 36" | 635 - 914 mm

Length: 32.5" | 825 mm

Height: 14.5" | 368 mm

Width: 3" | 76 mm

Min. External Collapse: 31.5" | 800 mm

Max. External Collapse: 43" | 1100 mm

Min. Arm Stroke: 20" | 515 mm

Max. Arm Stroke: 32" | 815 mm

Weight: 36 lbs. | 16 kg



MAINTENANCE & INSPECTION:

- Visual inspection shall be made before each use of the tool, checking for cracks, cracked welds and missing and/or damaged parts. Any tool that appears to be damaged in any way should be removed from service immediately.
- Because of the potential hazards associated with the misuse of equipment of this type, no modifications should be made of the product without consent from manufacturer.

OPERATION:

- To operate the tool, the operator **MUST** be a trained tire technician and must know how to demount and mount tires on tire rims using correct procedures.
- A qualified technician is available by ESCO to answer any questions regarding applications and proper use of the tool.
- Improper use of the tool for which it is designed for may void warranty.

BEFORE USE:

- Before use of this tool please verify that the application of this tool is compatible. For more information about this tool or any other tools from ESCO, Please call (800) 352-9852 or email info@esco.net.
- Assemble product according to parts breakdown and assembly provided.
- Read the entire operation manual including warnings before any use of this tool.
- Always inspect the tool before use to ensure it is working properly. If there is any damage, **DO NOT** put into service. Contact the manufacturer or an authorized distributor of ESCO product and parts for replacement parts or consultation.

PRODUCT DETAILS:



1. Fixed Arm
2. Push Rod Adjustment
3. Slide Arm Adjustment Nut
4. Mobile Arm

INSTRUCTIONS:

- Before use of this tool always check all components. All components must be in perfect condition, there must be no oil leaks, dents, or marks on the cylinder.
- The pump-control system assembly must be declared conforming, otherwise the tool cannot be used.
- For the connections, use hoses in new and undamaged conditions, with a perspective sleeve and suitable fittings.
- Connect the equipment to an oil-hydraulic system with adequate control systems and with a maximum pressure not higher than 700 bar.

INSTRUCTIONS: *(cont'd)*

Bead Remover Connection

- Connect the bead remover to the single effect command circuit, with suitable control systems using the fittings provided.
- The system must operate at a pressure no higher than 700 bar with a flow rate no higher than 0.7 l/min.

How To Remove The Bead

- Check that the arm is open and resting on the rim.
- Rest the bead remover on the tire and push it under the rim.
- Operate the pump: The bead remover will start to close the arm, which will then lock the rim and hold the bead remover in place, which will push into the tire and detach it from the rim.
- When the rim has moved a few centimeters, insert a shim and then remove pressure from the bead remover.
- Reposition the bead remover at another point near the first and repeat the operation.



INSTRUCTIONS: (cont'd)

Precautions

- The tire must be completely deflated.
- Work only on tires that are locked in position and cannot rotate or turn, to avoid uncontrolled movement.
- Keep the bead remover always perpendicular to the rim to avoid a bad operation.
- Hold the bead remover up with one hand and **DO NOT** leave it hooked on. Any sudden movement of the rim ring can cause the device to fall off the rim and drop to the ground.
- Wear strong gloves and boots with steel toe caps and keep other personnel at a safe distance of at least 6' | 1.8 m.

HANDLING AND STORAGE:

- The tool and its components must be handled and stored in an area protected from moisture and kept in temperatures between 50° F and 104° F.

OTHER RELATED PRODUCTS BY ESCO



#70162

#10802

#10803

#10804

NOTES:



“Providing Quality Hydraulic Repair and Technical Support for All Your Hydraulic Product Needs”

GUARANTEED 1 Day Turnaround Service.

Received by ESCO - Repaired in 24 Hours - Returned to You!

- ▶ ESCO will pick up product for repair/warranty at your location.
- ▶ ESCO will guarantee Repair/Service for 30 days.
- ▶ ESCO has rental tools available
- ▶ ESCO repairs IMT, FEC, Stellar, Blackhawk, OTC, Power Team, Ame Int., & Enerpac hydraulic pumps, bead breaker, and cylinders.
- ▶ Authorized ESCO Repair & Warranty Centers Located through the US & Canada. For more information contact your ESCO sales representative.
- ▶ Technical Support Over the Phone Available by Calling 1-800-352-9852

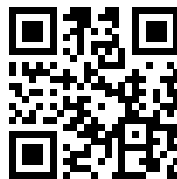


Prompt, reliable service after the sale is very important to ESCO. ESCO maintains an in-house repair facility in Brooksville, Florida. To insure that our customers have as little down-time as possible, we offer a 1 day turnaround service. Our factory repair service is equipped with all the tools and machinery needed to repair your equipment quickly and affordably. Our trained technicians are the best in the industry. Not only do we service our own products, but we also service our competitors' products.

In addition to ESCO's 30 years of providing quality repair service, ESCO has reached out and partnered with more than 50+ hydraulic repair facilities across the US & Canada, to deliver quality repair and timely return of products. Visit www.esco.net or call 1.800.352.9852 to hear more about the newly added "Authorized ESCO Warranty & Repair Facilities" across the US.

If you have a bead breaker, ram, or hydraulic pump that needs repair, ESCO fixes your product with factory parts and guarantees the repair. In addition to servicing ESCO brand products, we also repair CP, IMT, Elrick, Branick, Goodyear, FEC, Ame Int., and Haltec lines of hydraulic bead breakers, rams, pumps, jacks, and many other hydraulic tire service equipment.

The Proper Tools To Keep Your Equipment **MOVING**



Scan this Code to Go to
the ESCO website

WWW.ESCO.NET



CONTACT INFO:

www.esco.net - info@esco.net
15270 Flight Path Drive
Brooksville, FL 34604
PH. 352.754.1117
Toll Free. 1.800.352.9852 (US, Canada Only)
Fax: 352.754.4508

ESCO - The Proper Tools to Keep Your Equipment Moving!

Stay Connected with ESCO...

