ECONOMY RIGHT HAND ASSIST (ERHA)

BE SURE TO DISCONNECT THE AIR SUPPLY TO THE TIRE CHANGER AND PRESS THE (Bead Breaker, Air Inflator, or Tilt-back) PEDALS TO EVACUATE AIR FROM THE SYSTEM BEFORE INSTALLING THE ERHA

Before the installation, separate the parts to ensure that all components are included. See (Figure A)
Parts List

Part 1: Cylinder and Cylinder Mounting Base
Part 2: U Bolt Set
Part 3: Bead Pressing Assembly
Part 4: 2 Part Curved Support Arm
Part 5: Support Arm Bracket
Part 6: 5 Way Auto Locking Union Valve
Part 7: Cylinder Mounting Nuts
For packaging, the ERHA-BP is configured in the reverse position. In order to properly mount the 2 Part Curved Support Arm (Part 4) onto the right side of the tire changer the arm must be reversed on the center hinge bracket as shown. Remove the bolt and washer, flip the curved section of the arm over, and remount the section onto the hinge bracket in order to properly configure the arm.
The ERHA-SA is furnished with a U-Bolt set (Part 2). Use the U-Bolts to attach the ERHA onto the Vertical Support column of your Tire Changer. See (Figure A)
Bolt the Support Arm Bracket (Part 5) onto your Tire Changer’s Vertical Support Column using the U Bolt set (Part 2).

Place the 2 part curved support arm (Part 4) onto the support arm bracket (Part 5). Secure the Arm with the provided washer and bolt. See (Figures A & B)
Remove the 2 Cylinder Mounting Nuts (Part 7) from the cylinder mounting base (Part 1). See (Figure A)

Insert the cylinder mounting base (Part 1) into the open end of the Curved Support Arm (Part 4). Install the first Cylinder Mounting Nut (Part 7) and tighten. Follow up with the second Cylinder Mounting Nut (Part 7). See (Figure B)
There are three 6mm air lines attached to the air valve/curved support arm (Part 4). Insert the shortest air line into the 6mm auto lock union located at the base of the air cylinder. (Figure A)

Insert the second longest hose into the 6mm auto lock union located on the top of the cylinder (Part 1).
Take the longest 6mm air line and route it to the back of the column. Secure the air line to the column (Ties not included). Route the airline to the back of the tire changer and insert it into an opening.

Locate the air line that is connected to the oiler. Remove the access panel on your tire machine and follow this line to the inside of the tire changer.
Once you follow the air line from the oiler to the inside of the tire changer cut this air line.

6mm Plug
Connect Oil 8mm Air Hose
Connect Oil 8mm Air Hose
Connect each end of the 8mm air line; previously cut, into the 5-way auto lock union valve (Part 6). Note: If you are not using more than one pneumatic accessory, an extra 6mm plug will be provided.

Insert 6mm air line into the 5-way auto lock union valve (Part 6) and use the provided 6mm plugs to plug up the unused spaces in the 5-way auto lock union valve (Part 6).

**RECONNECT THE AIR SUPPLY TO THE TIRE CHANGER**

**TEST THE ERHA-BP AIR CYLINDER FOR UP AND DOWN MOTION**
Tighten the Bead Pressing Assembly (Part 3) onto the Cylinder Piston (Part 1) to Complete the Installation.