Economy

RIGHT HAND ASSIST BEAD PRESSING ARM

For 221 and 229 Tire Changers

ASSEMBLY GUIDE

INDIANA
5800 MASSACHUSETTS AVE.
INDIANAPOLIS, IN 46218
PHONE: (800) 262-1950
FAX: (317) 542-1448

DELAWARE
250 EXECUTIVE DRIVE, SUITE 1
NEWARK, DE 19702
PHONE: (800) 715-1950
FAX: (302) 894-9136

GEORGIA
5405 BUFORD HWY.
NORCROSS, GA 30071
PHONE: (800) 768-4104
FAX: (678) 781-0149

ARIZONA
8399 W VAN BUREN ST., SUITE 210
TOLLESON, AZ 85353
PHONE: (800) 602-9928
FAX: (602) 490-3495

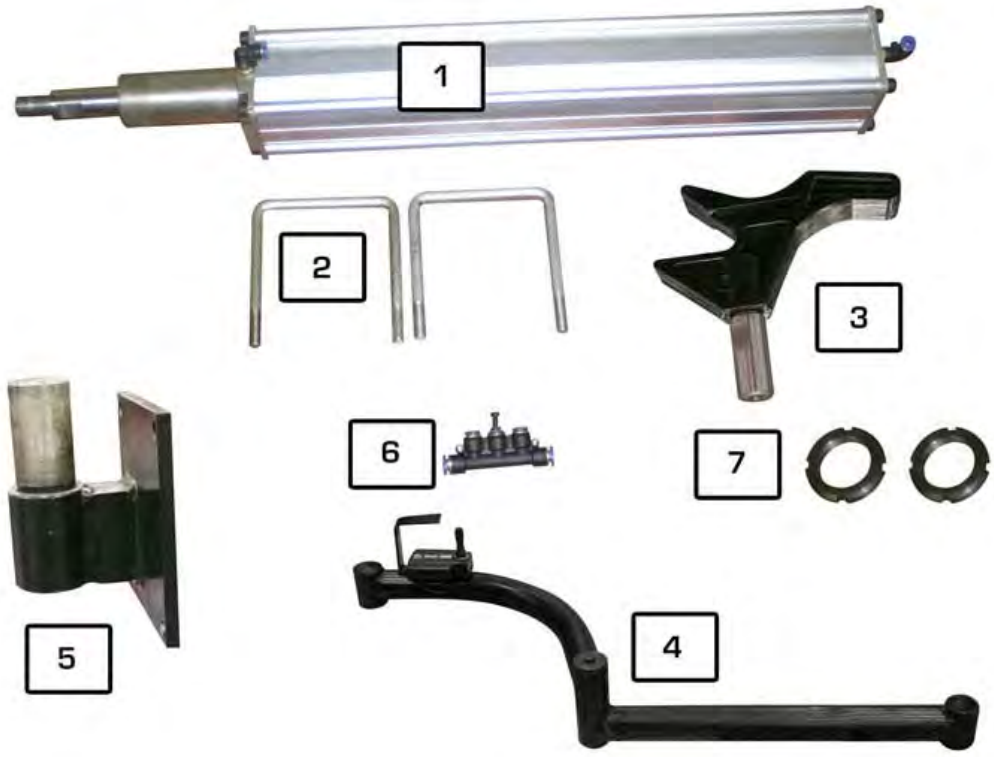
NEW HAMPSHIRE
8 INDUSTRIAL DRIVE
HUDSON, NH 03051
PHONE: (800) 360-0053

FLORIDA
12250 NW 25TH ST., SUITE 112
MIAMI, FL 33182
PHONE: (800) 305-5609

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

Figure A



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

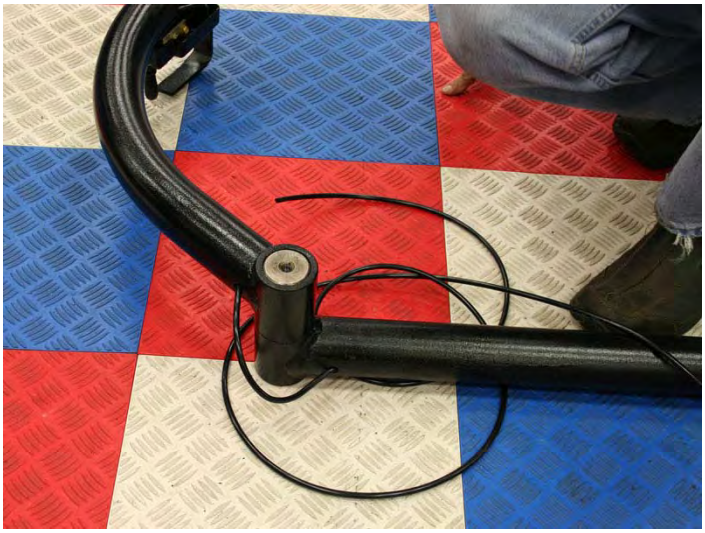
Part 4: 2 Part Curved Support Arm

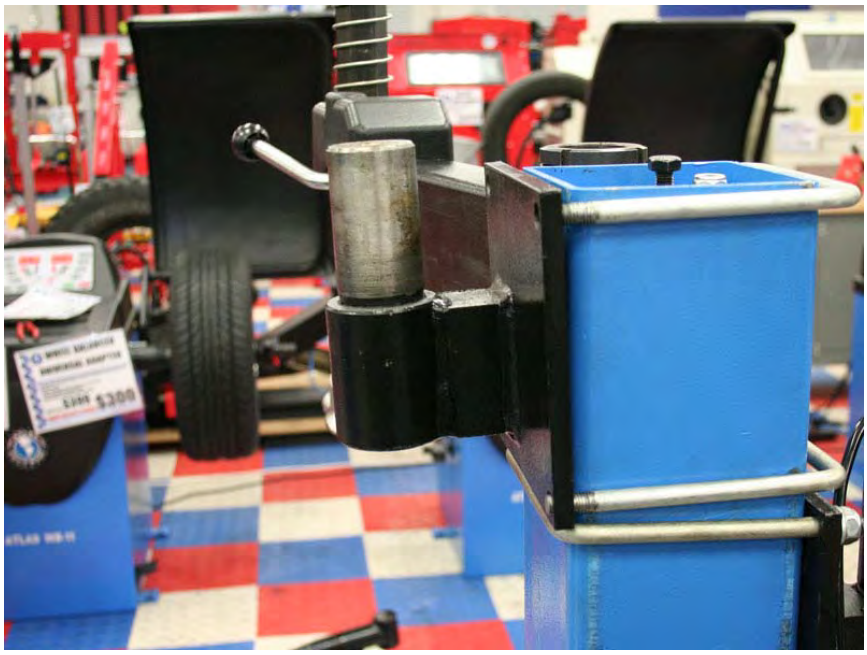
Part 5: Support Arm Bracket

Part 6: 5 Way Auto Locking Union Valve

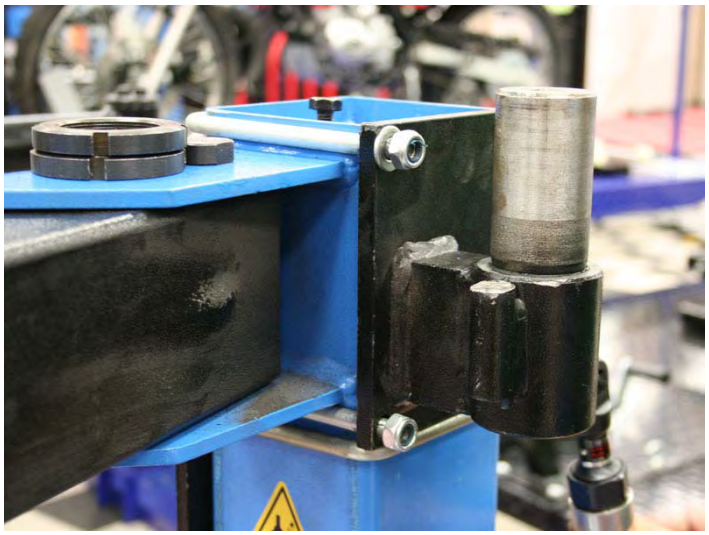
Part 7: Cylinder Mounting Nuts

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)**.

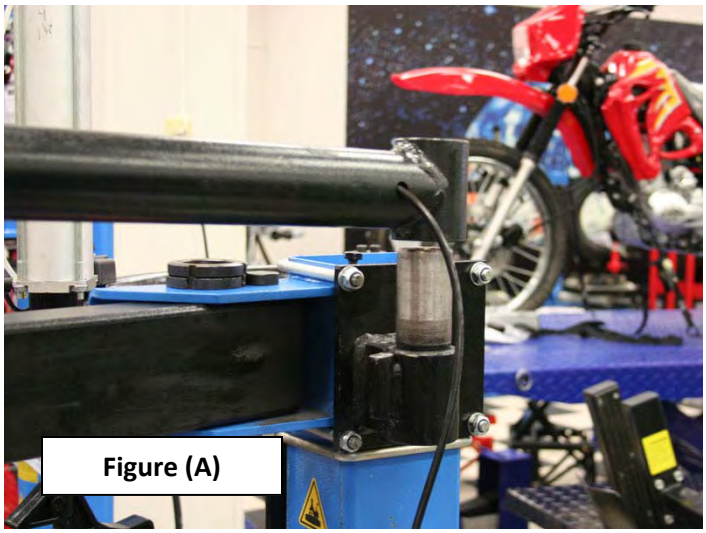


Figure (A)

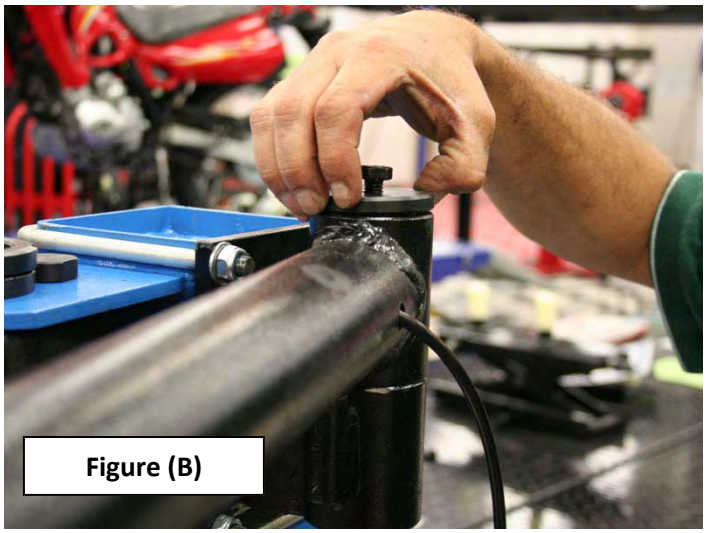


Figure (B)

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)**

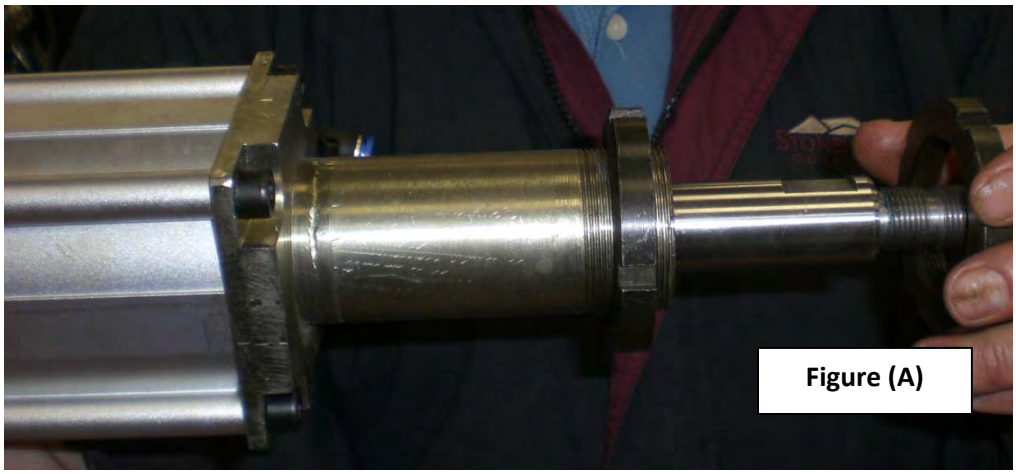


Figure (A)

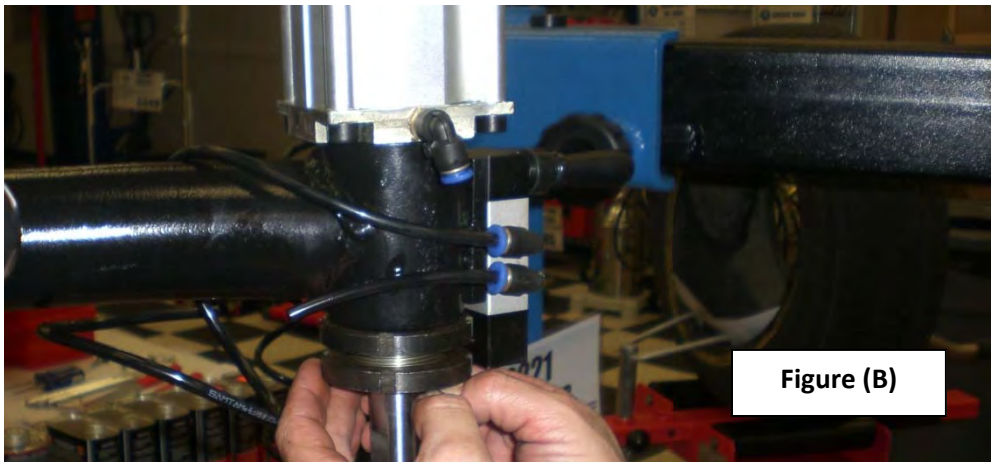
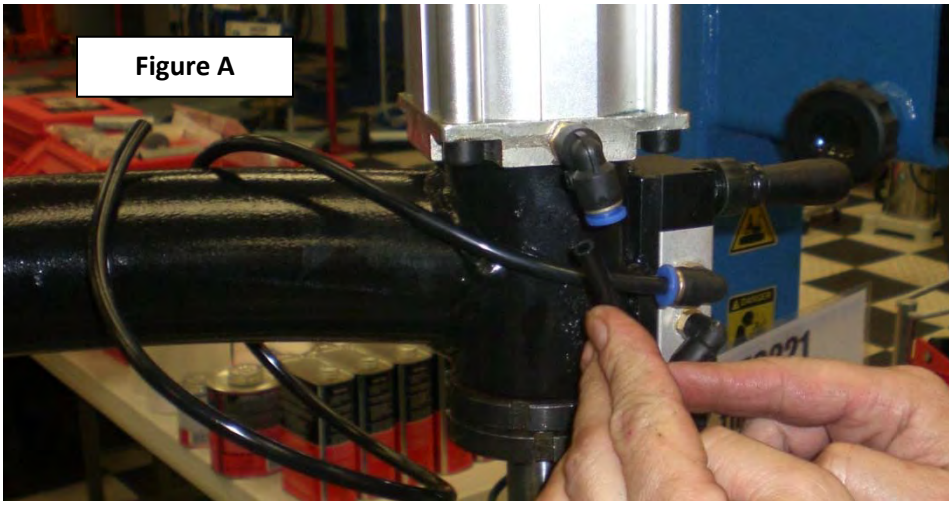


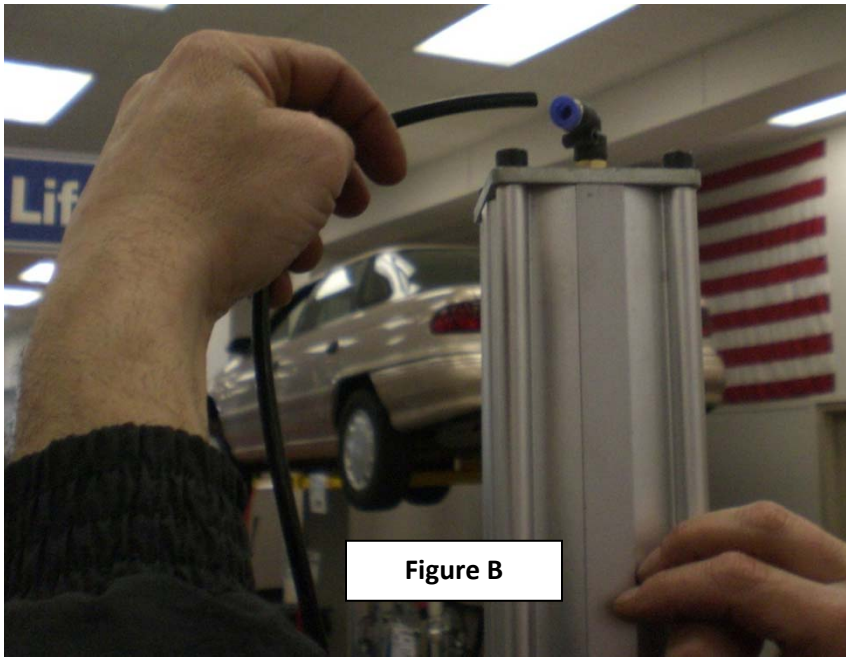
Figure (B)

Remove the 2 Cylinder Mounting Nuts **(Part 7)** from the cylinder mounting base **(Part 1)**. See **(Figure A)**

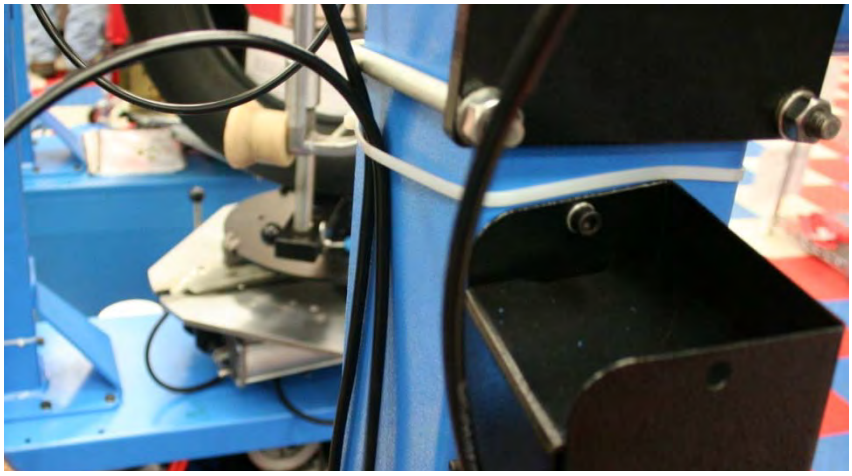
Insert the cylinder mounting base **(Part 1)** into the open end of the Curved Support Arm **(Part 4).** Install the first Cylinder Mounting Nut **(Part 7)** and tighten. Follow up with the second Cylinder Mounting Nut **(Part 7)**. See **(Figure B)**



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)**

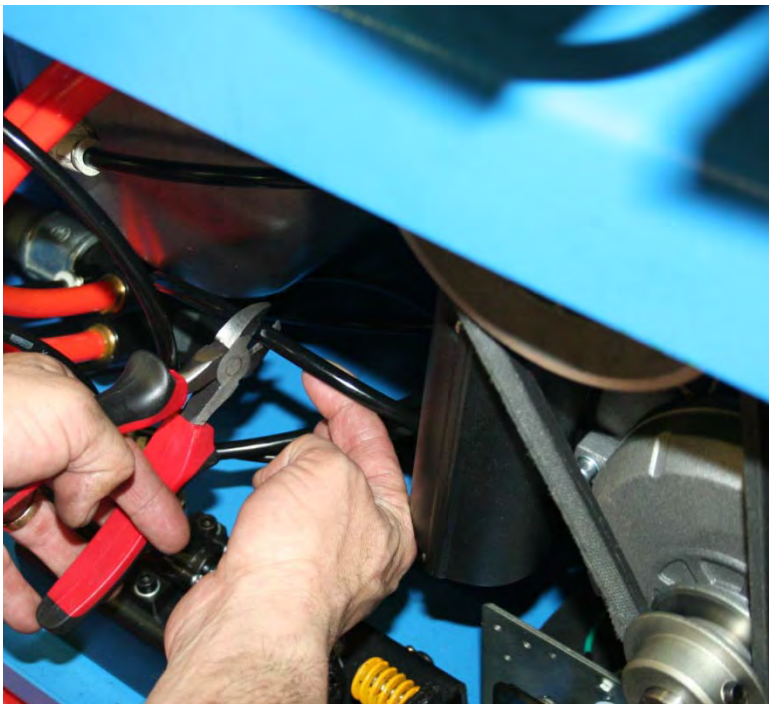


Insert the second longest hose into the **6mm** auto lock union located on the top of the cylinder **(Part 1)**.

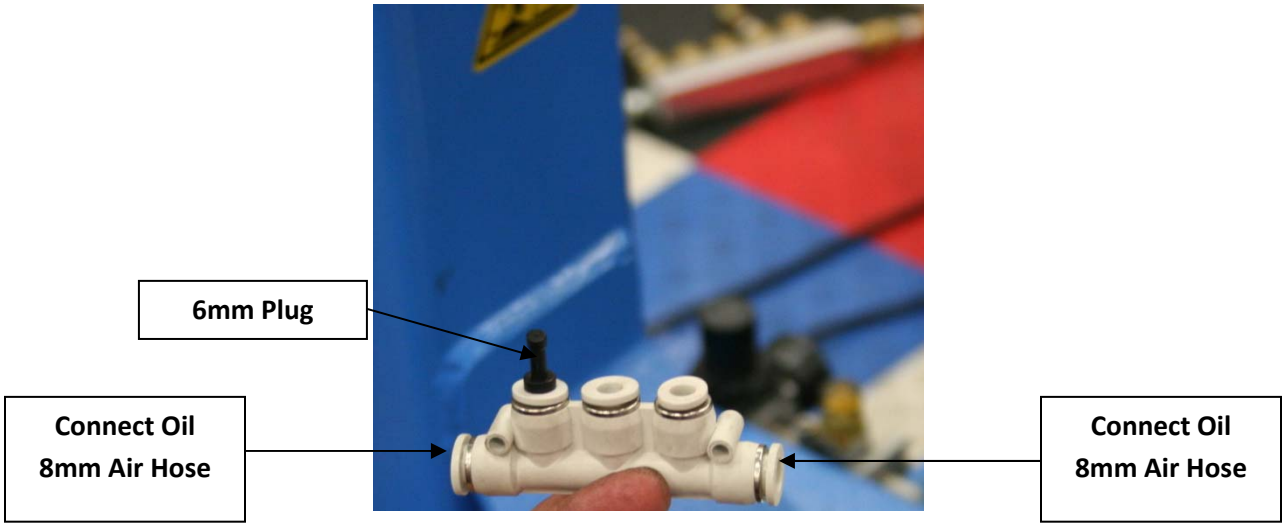


Take the longest **6mm** air line and route it to the back of the column. Secure the air line to the column **(Ties not included).** Route the airline to the back of the tire changer and insert it into an opening.

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.



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.