



RIGHT HAND ASSIST

For Swing Arm Tire Changers

ASSEMBLY GUIDE



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RIGHT HAND ASSIST FOR SWING ARM

TIRE CHANGERS (RHA-SA)



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

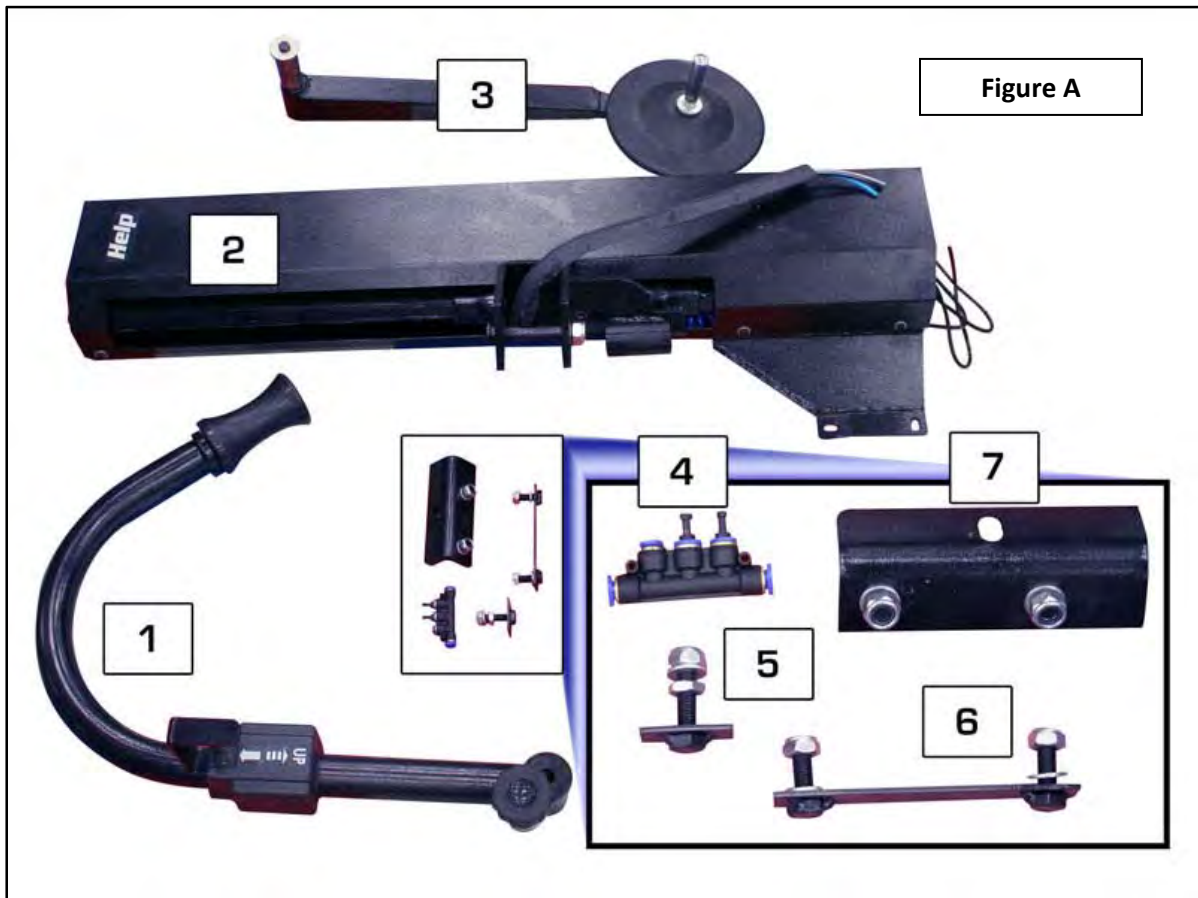


Figure A



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



Parts List

Part 1: Bead Roller Arm and Control Switch

Part 2: Main Support Column

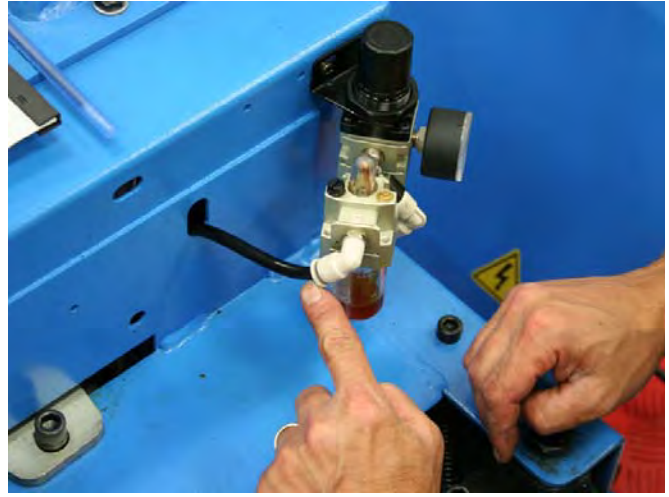
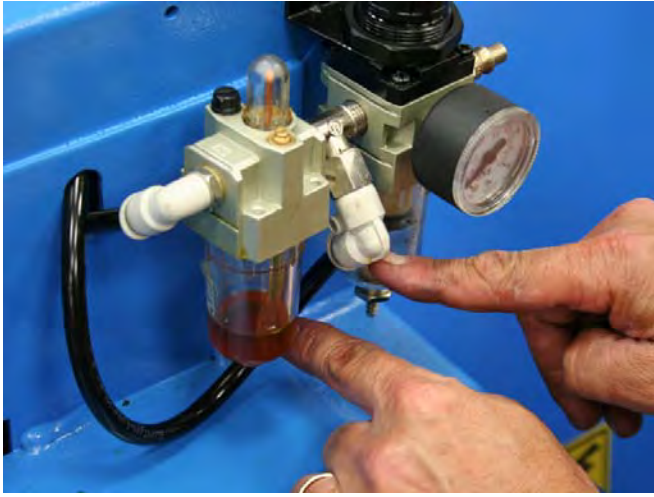
Part 3: Bead Lifting Disc Arm

Part 4: 5 Way Auto Locking Union Valve

Part 5: Rear Column Attachment and Bolt

Part 6: Front Column Attachment and Bolts

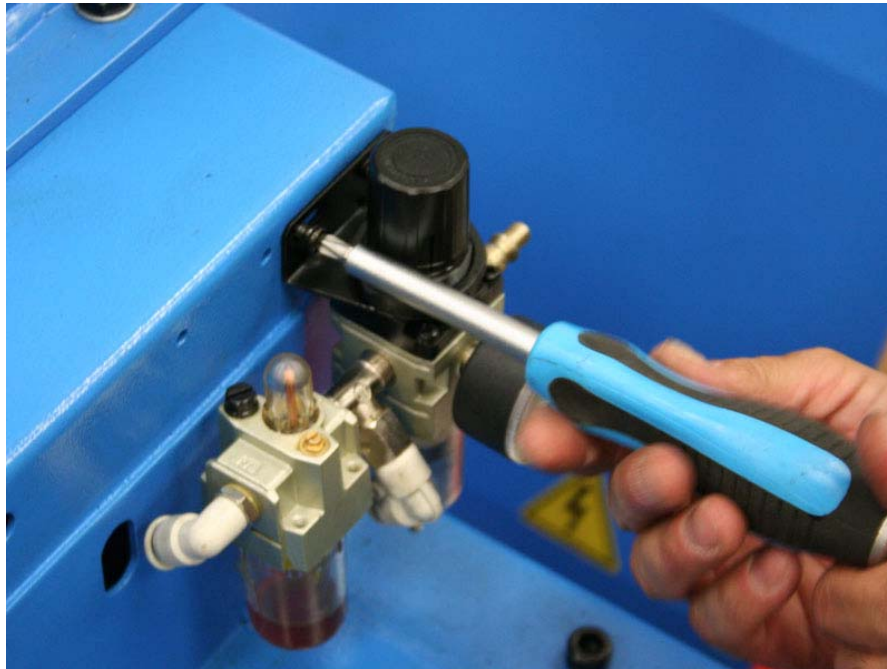
Part 7: Rear Mounting Extension Bracket



Remove the attached Air hoses from the Oil/Air Regulator that will be located on the side of your tire changer.

Label Air Hoses for Easy Re-attachment





Remove the Oil/Air Regulator from the side of your tire changer.

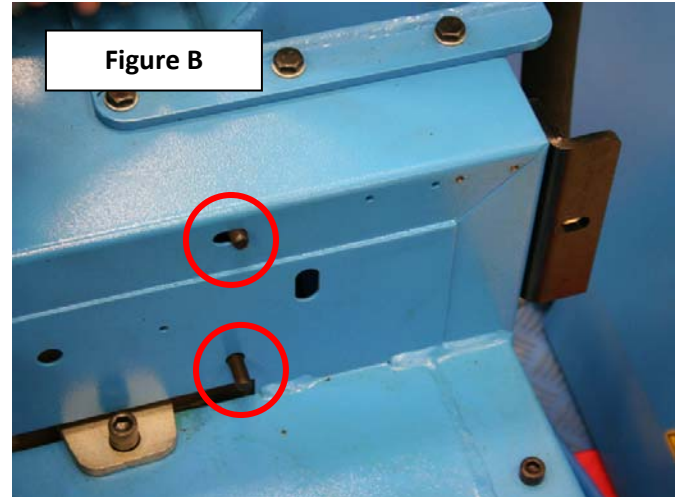
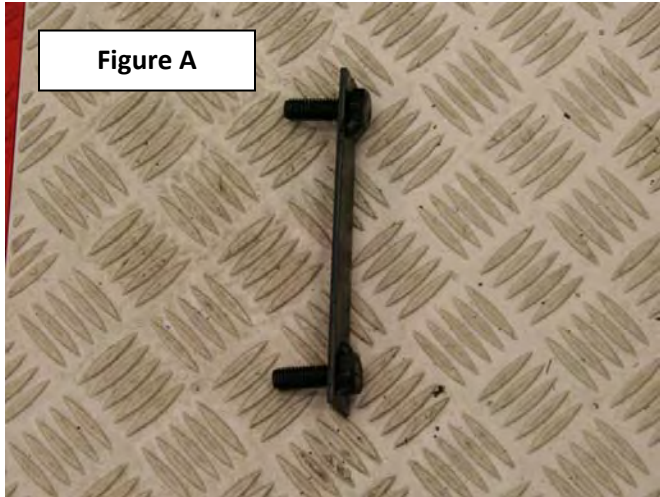


Locate the Rear Mounting Extension Bracket **(Part 7)**

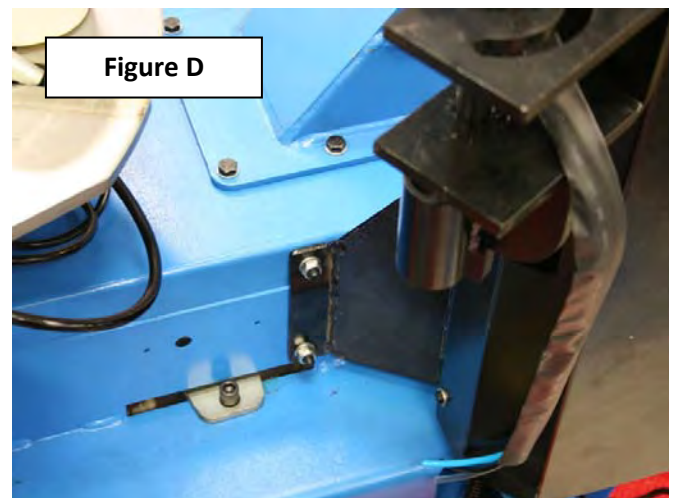
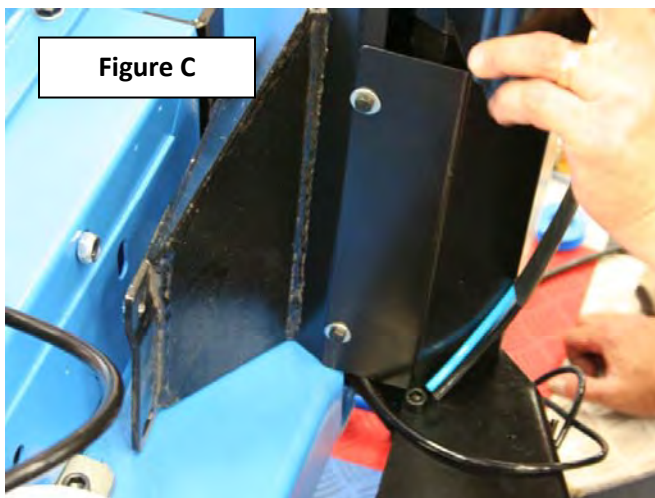


Locate the pre-drilled holes on the back of your tire changer; remove the access panel from the side of the tire changer, and using a 16mm Socket and Wrench tighten the Rear Mounting Extension Bracket (**Part 7**) onto the tire changer as shown.





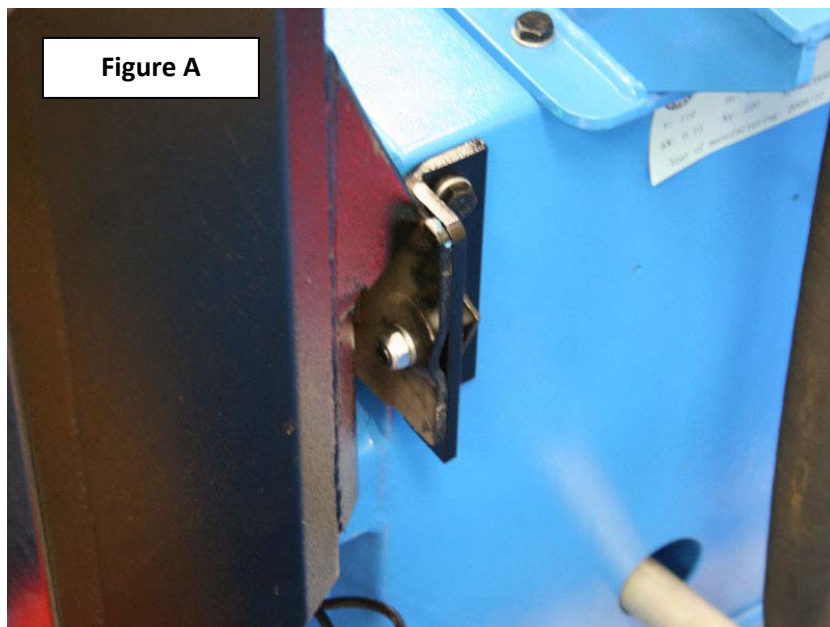
(Figure A) Locate the Front Column Attachment and Bolts (**Part 6**) and insert the bolts through the holes from the inside of the tire changer as shown. **(Figure B)**



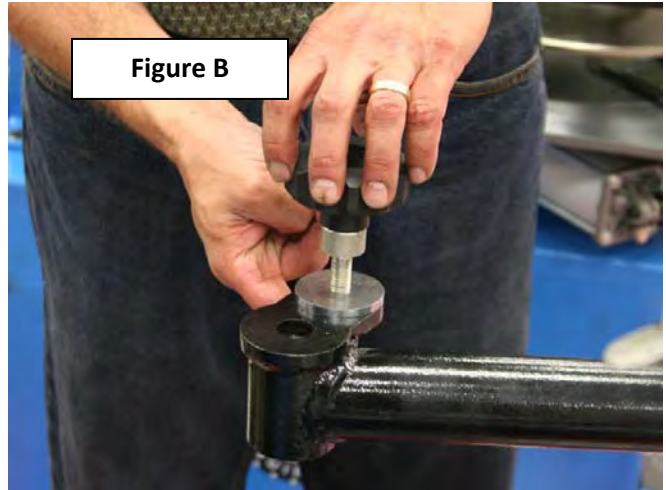
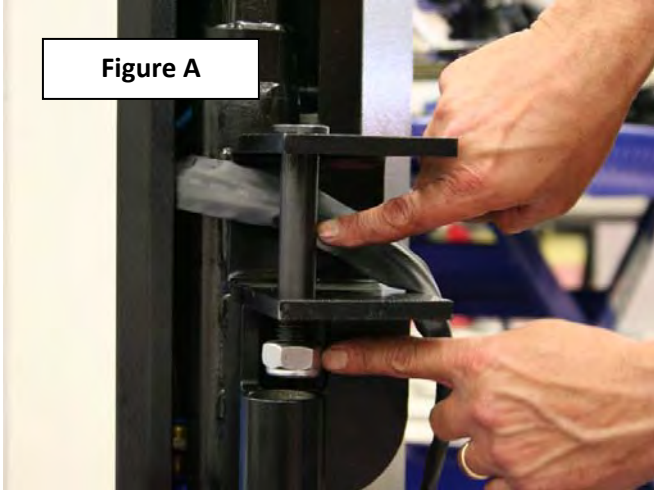
Locate the Main Support Column (**Part 2**) and lift the base of the column into place. **(Figure C)**
(Having a friend help lift the column into place is highly recommended.)
Fit the Main Support column (**Part 2**) onto the Front Column Attachment bolts (**Part 6**) and tighten the nuts onto the Column mounting plate and shown. **(Figure D)**



Locate the Rear Column attachment and bolt. **(Part 5)**



Use the Rear Column attachment and bolt **(Part 5)** to attach the column mounting plate onto the Rear Mounting Extension Bracket **(Part 7)** as shown. **(Figure A)**

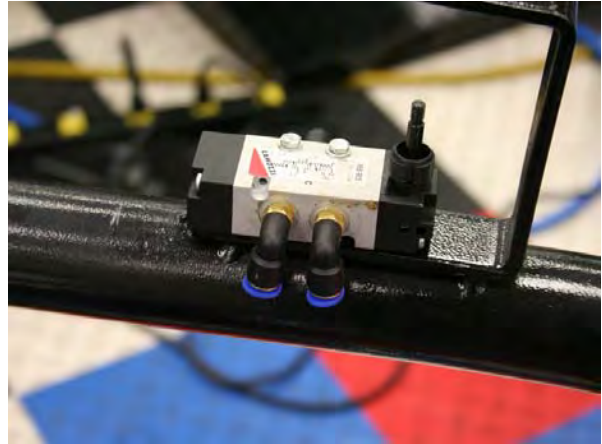


Remove the Bead Roller Arm support pin (**Figure A**) and Locking Nut (**Figure B**) from the support bracket

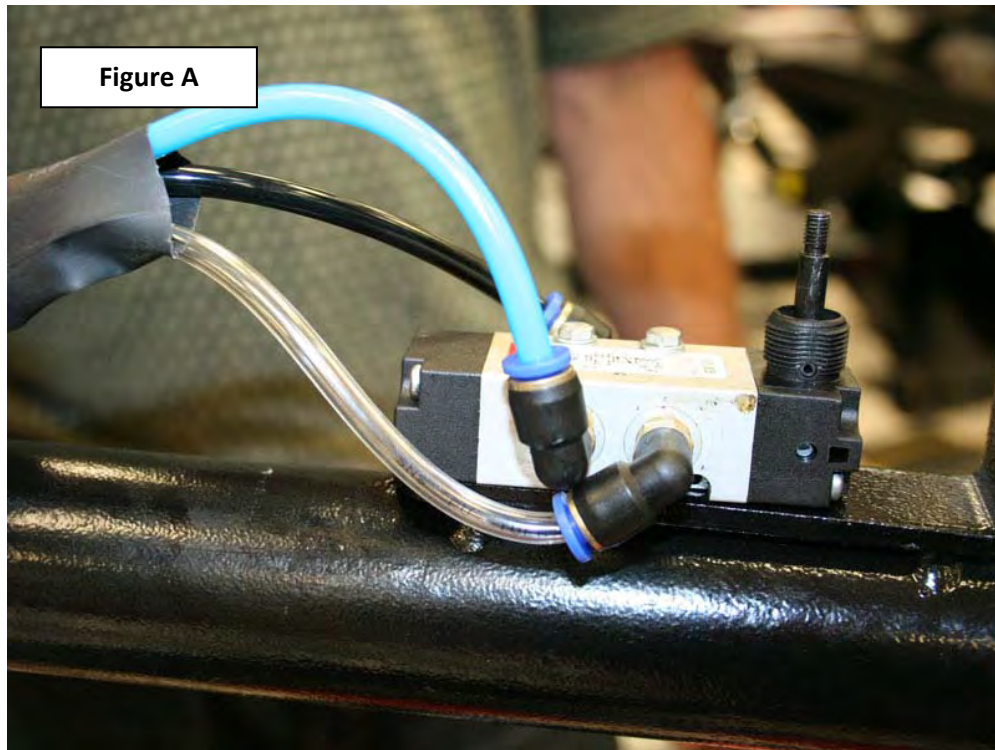


Insert the Bead Roller Arm (**Part 1**) into the Bracket and replace the support pin and locking nut as shown.



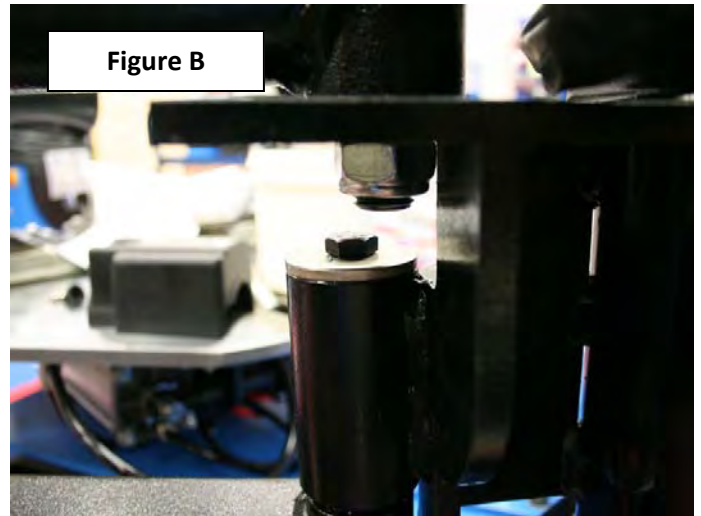
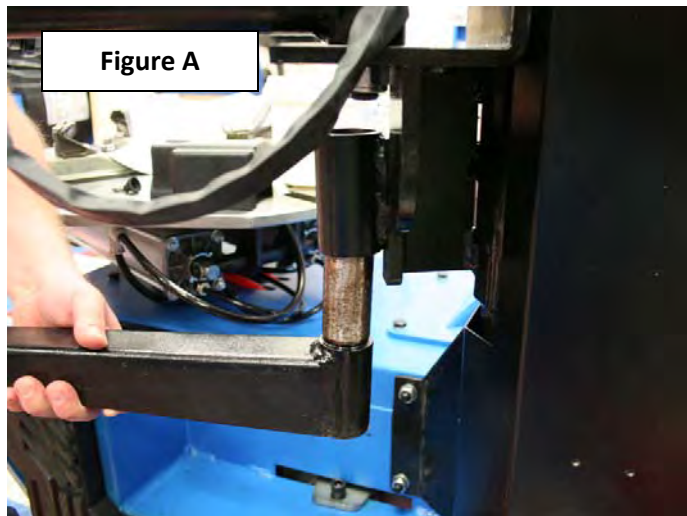


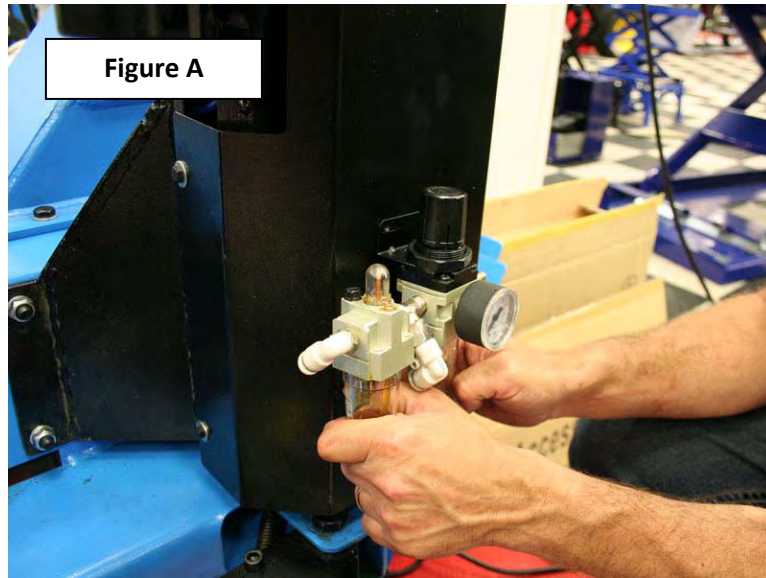
Remove the control Switch cover plate to reveal the Air Line auto-lock unions and attach the 3 colored air hoses to the auto-locking hose fittings on the control switch as shown below. **(Figure A)**



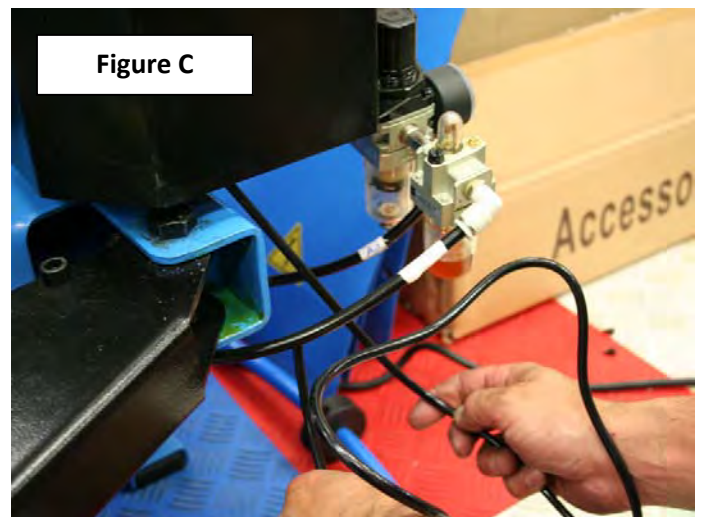
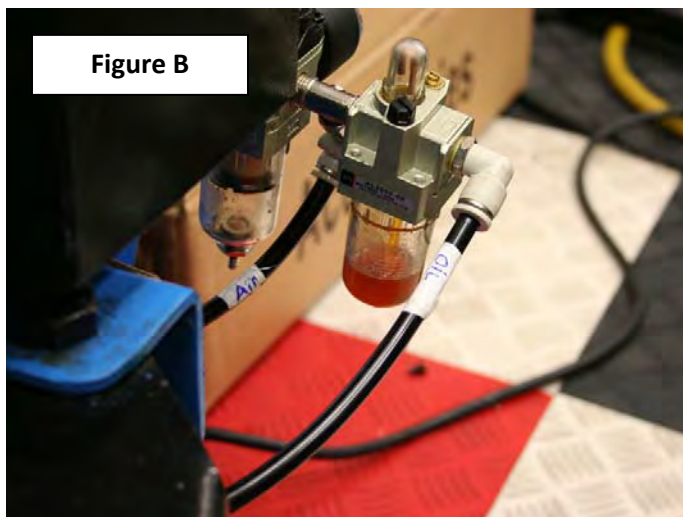


Locate the Bead Lifting Disc Arm (**Part 3**) and fit the arm into the bracket. (**Figure A**)
Tighten the bolt into the arm as shown. (**Figure B**)





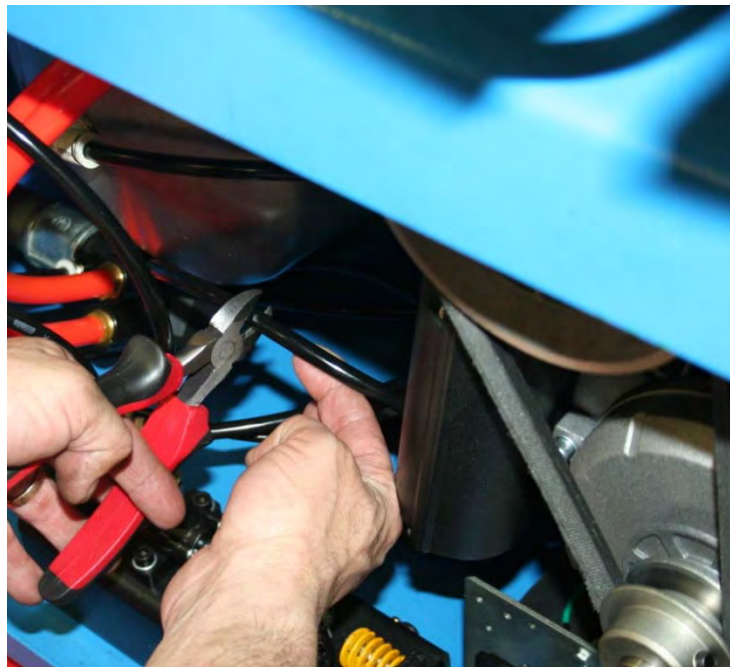
Attach the Oil/Air Regulator onto the side of the RHA-SA via the predrilled holes, **(Figure A)** and re-attach the previously marked air lines to their respective attachments. **(Figure B)**



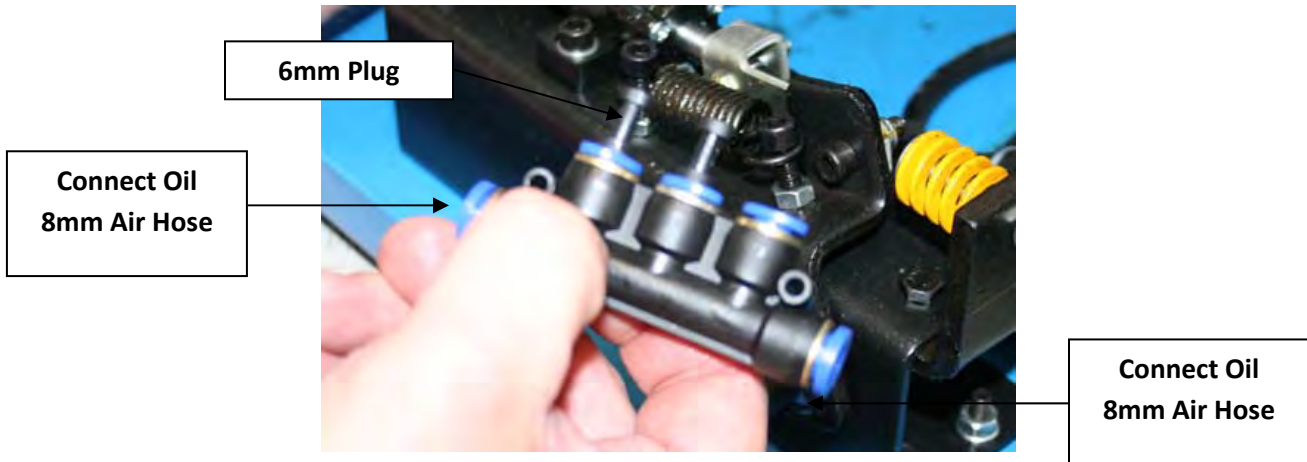
Locate the 6mm Air Hose at the base of the RHA-SA and feed it to the inside of the tire changer from the backside inlet. **(Figure C)**



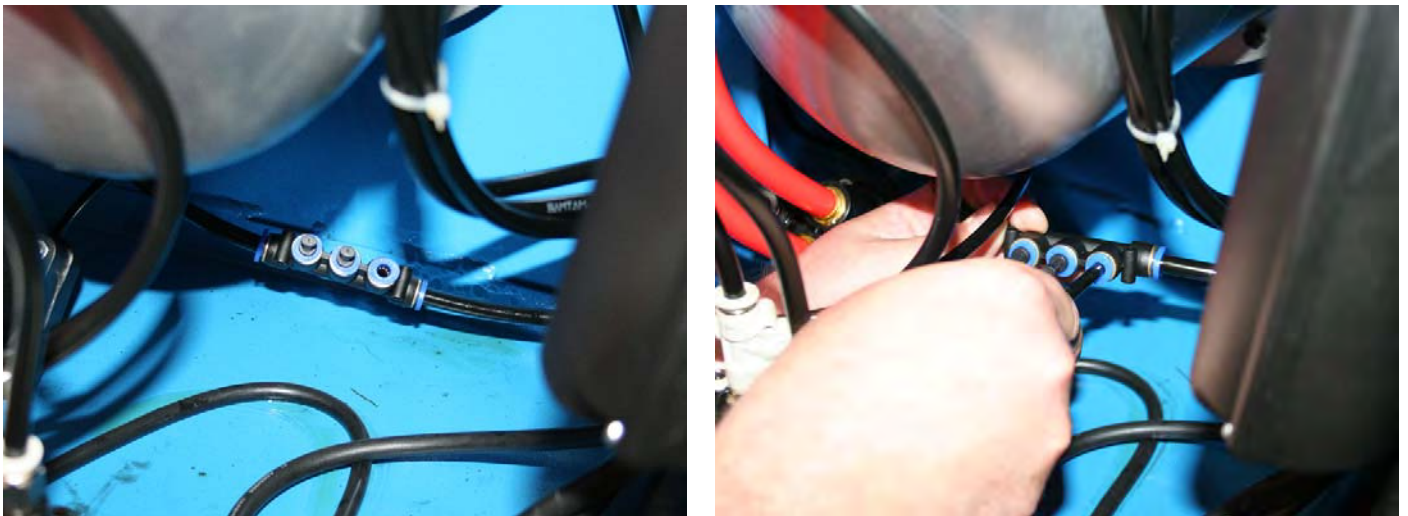
Locate the air line that is connected to the oiler, and follow this line to the inside of the tire changer.



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 4**). **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

AND TEST THE RHA-SA AIR CYLINDER FOR

UP AND DOWN MOTION

