



How To

Service Documents from APPI

Document: #HT000023

Document Title: Blue Roller Replacement

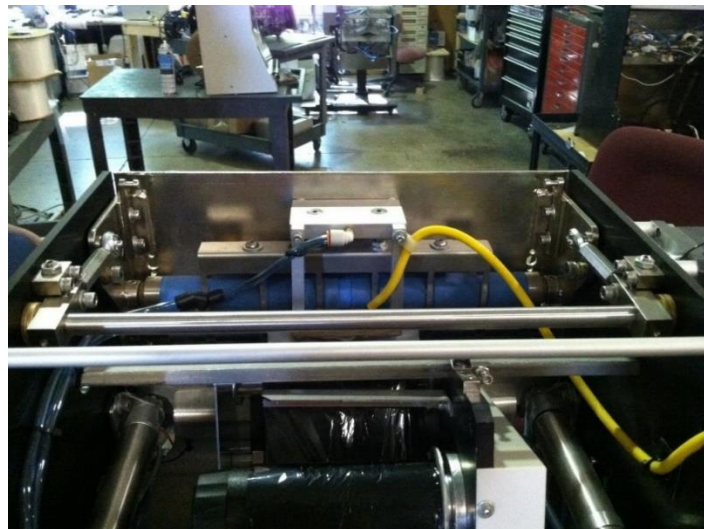
Product(s): T-300/375

Procedure:

Order Replacement Parts:



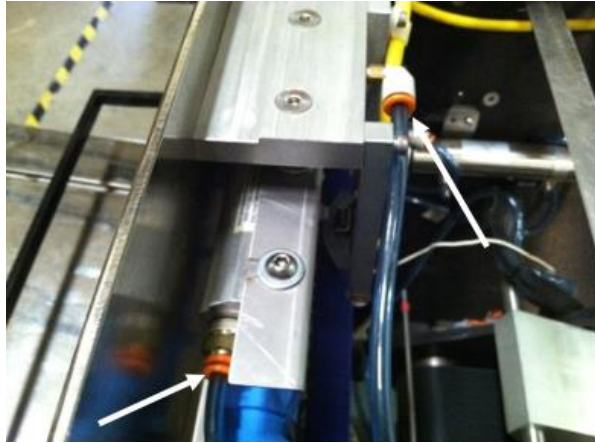
Disconnect Power, then remove Top Cover.



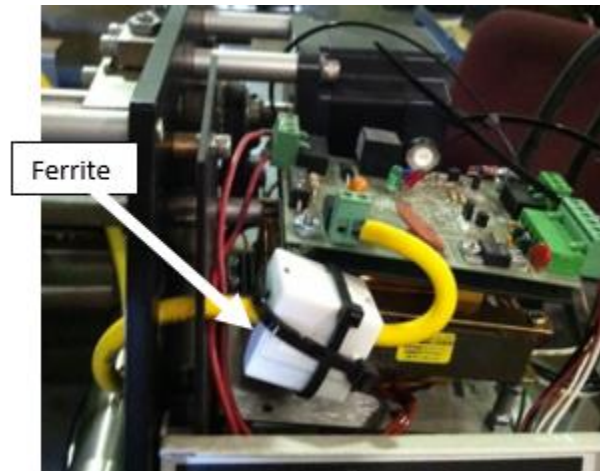


How To

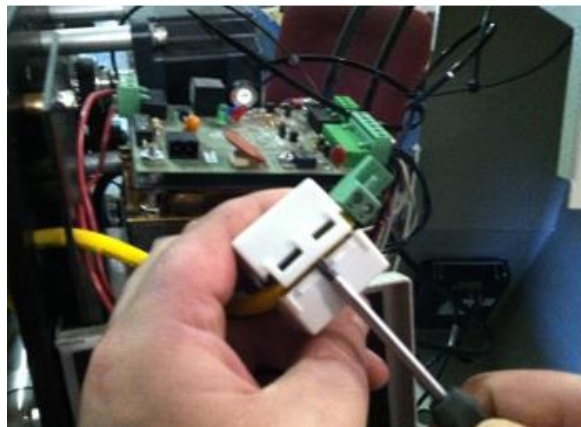
Service Documents from APPI



Remove the Air Pulse and Blower Air Lines by pushing the orange ring in while pulling the Air Line out.



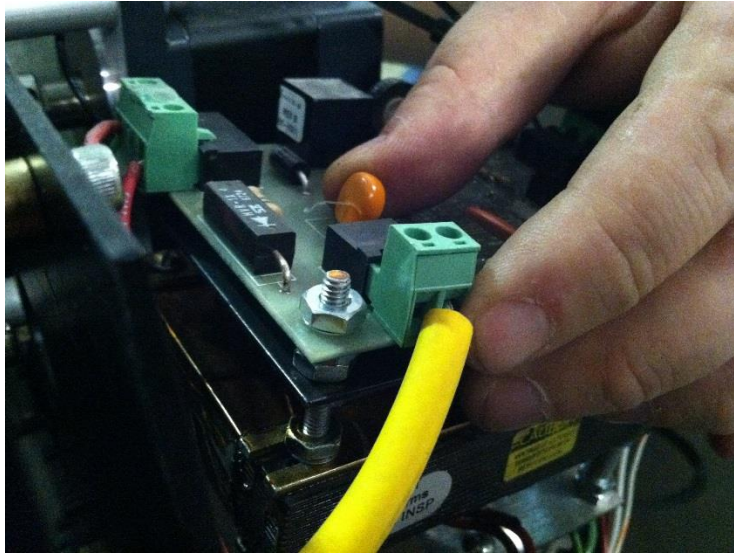
Cut Wire Ties and remove the Ferrite.



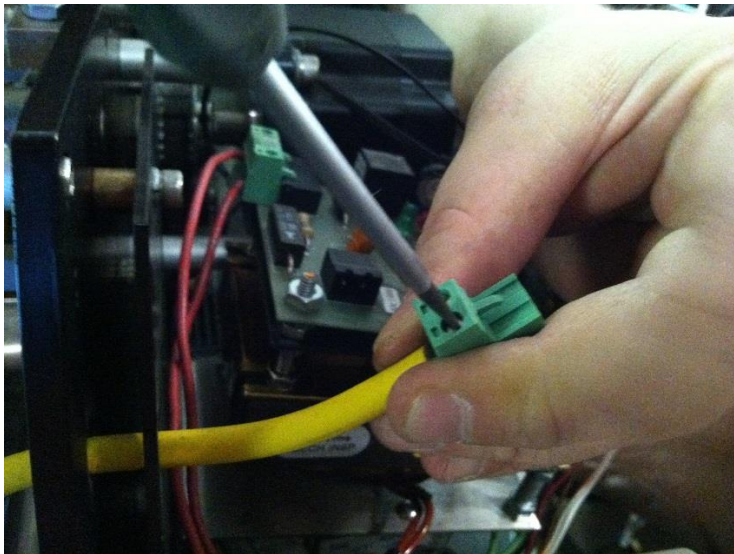


How To

Service Documents from APPI



Un-Plug the High Voltage Cable

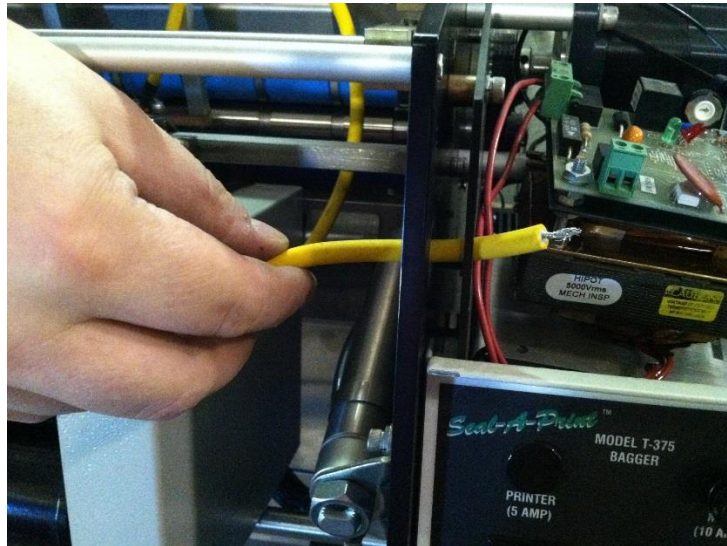


Unscrew the Yellow Cable from the Connector

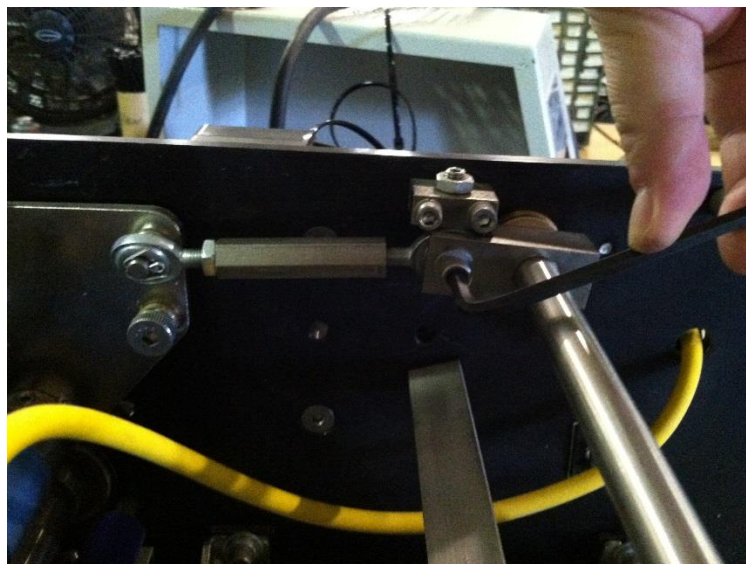


How To

Service Documents from APPI



Remove Yellow Cable from Side Frame

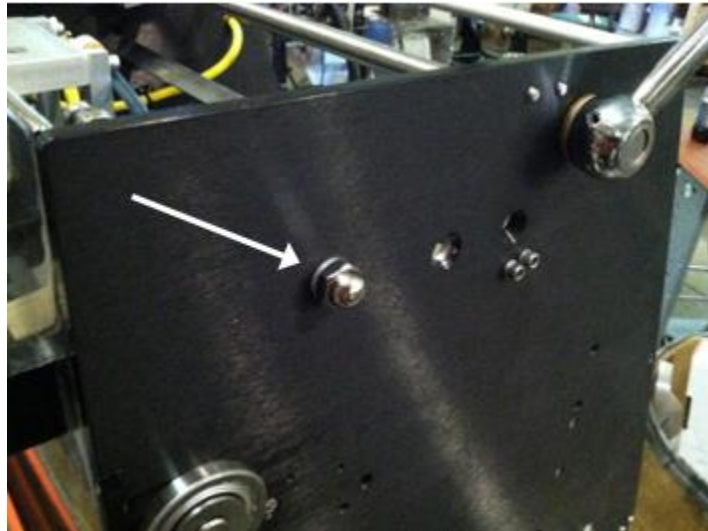


Remove the Shoulder Bolt holding the Turnbuckle

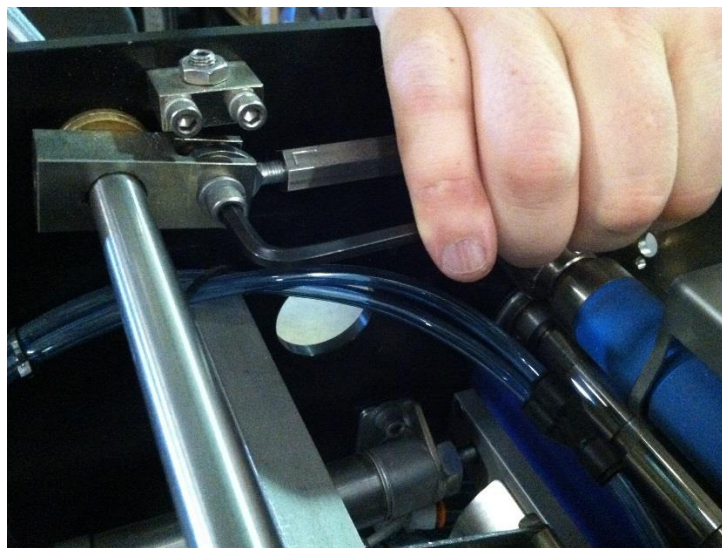


How To

Service Documents from APPI



Remove Acorn Nut

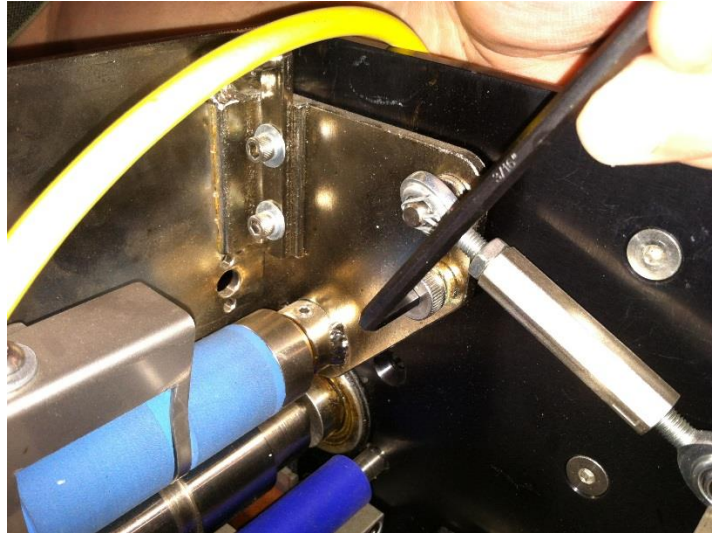


Remove the Shoulder Bolt from the other side

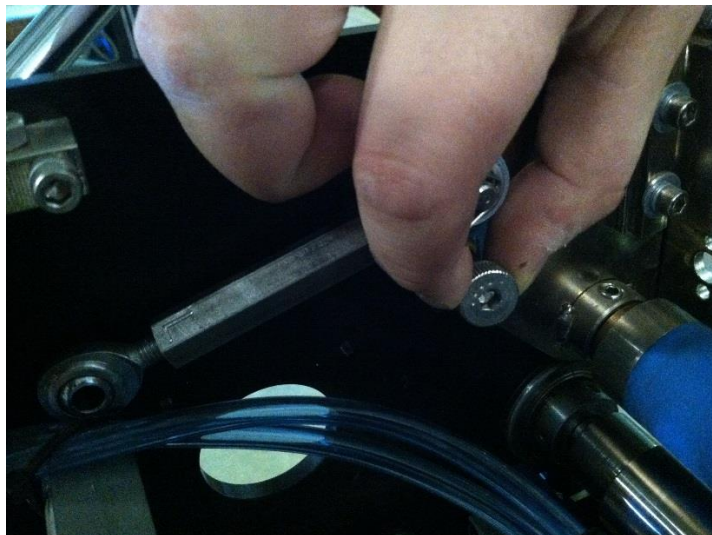


How To

Service Documents from APPI



Remove Shoulder Bolt from the Side Plate

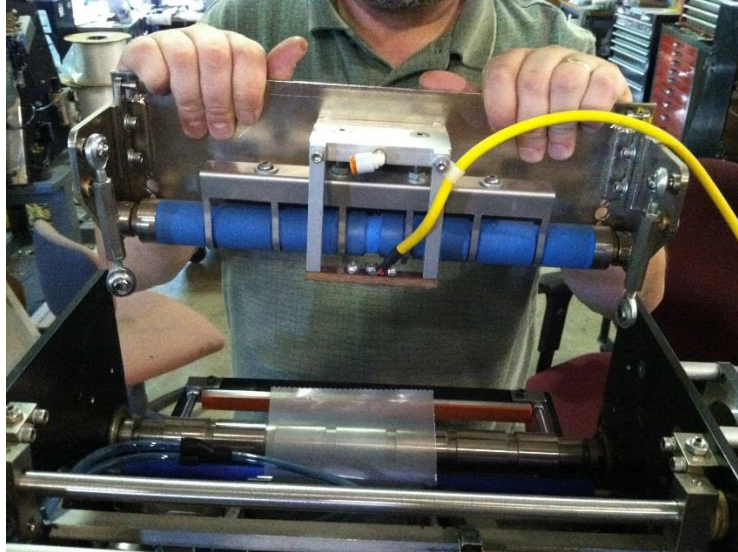


Remove the Shoulder Bolt on the other Side Plate

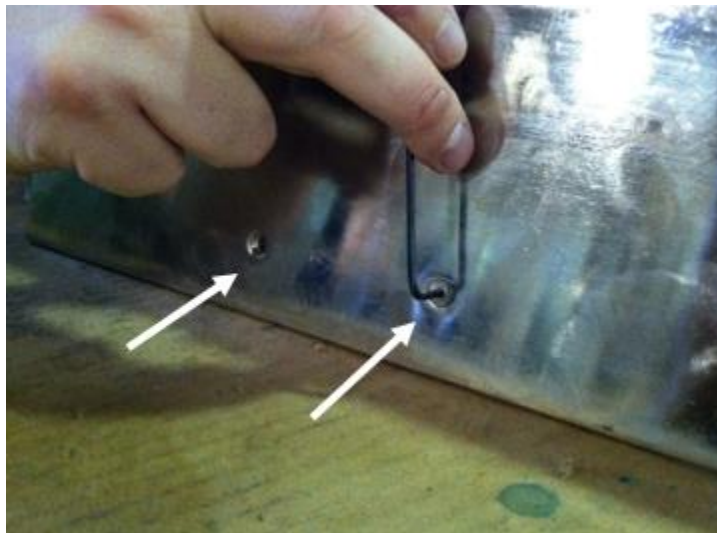


How To

Service Documents from APPI



Carefully lift the Top Cover/Latch Assembly out of the Bagger.



Remove both Flat Head Bolts that hold the Blower Assembly on the Front Plate.

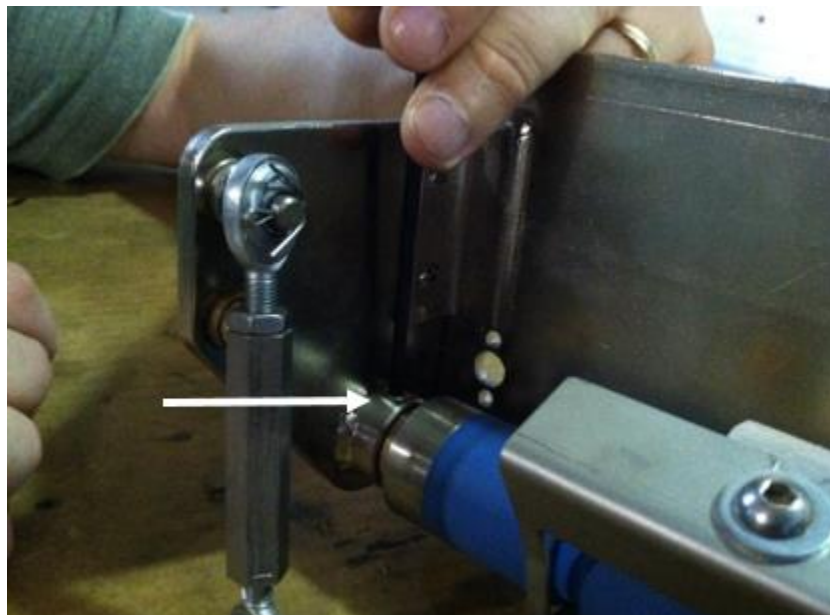


How To

Service Documents from APPI



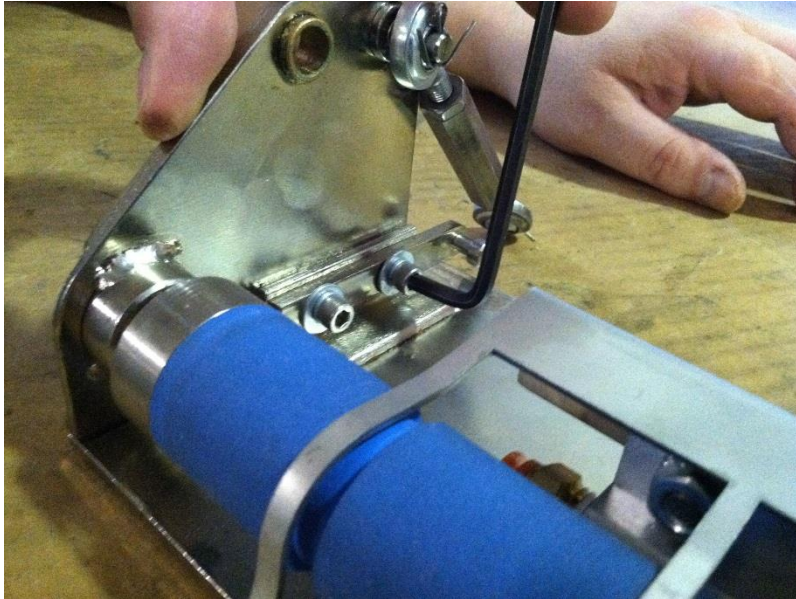
Loosen the Set Screw on each Side Plate





How To

Service Documents from APPI



Remove just one of the Side Plates by removing the two Socket Head Bolts.

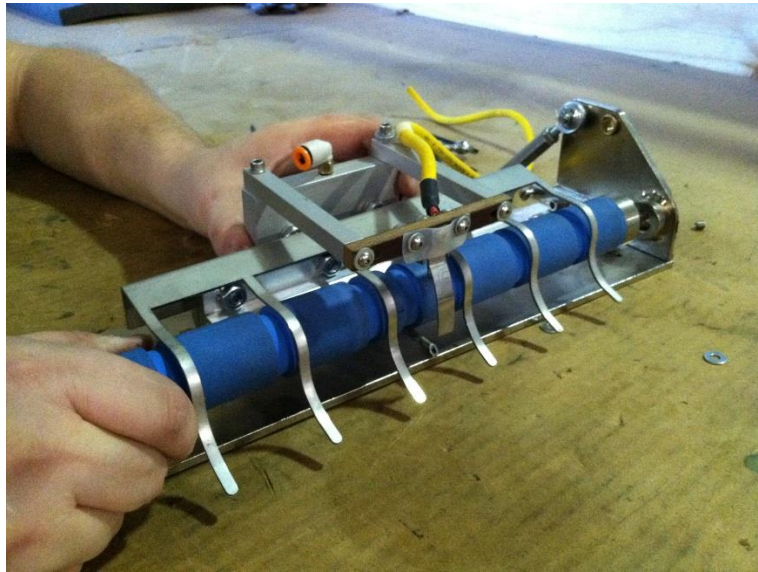


Remove Side Plate

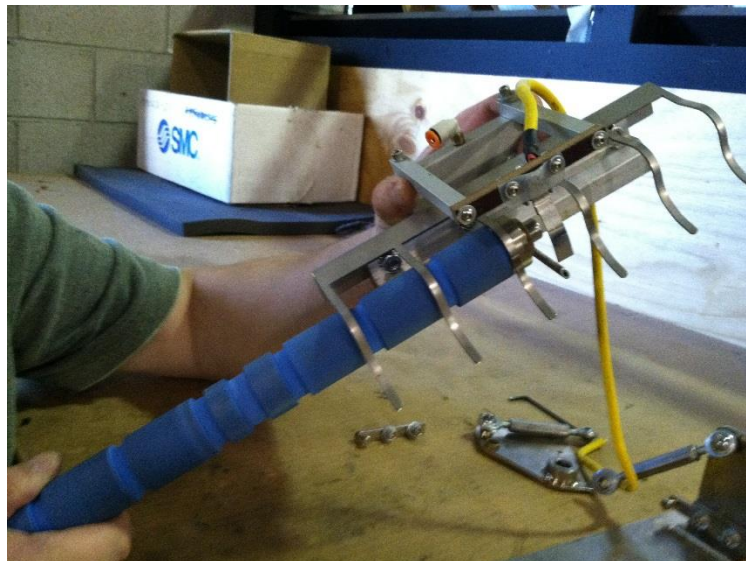


How To

Service Documents from APPI



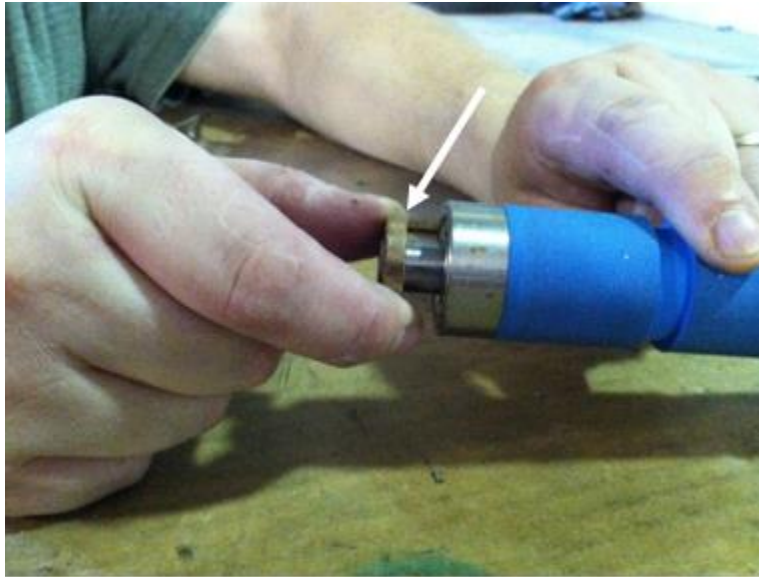
Carefully slide Roller out.





How To

Service Documents from APPI



Remove the Brass Washer from each end of the Roller



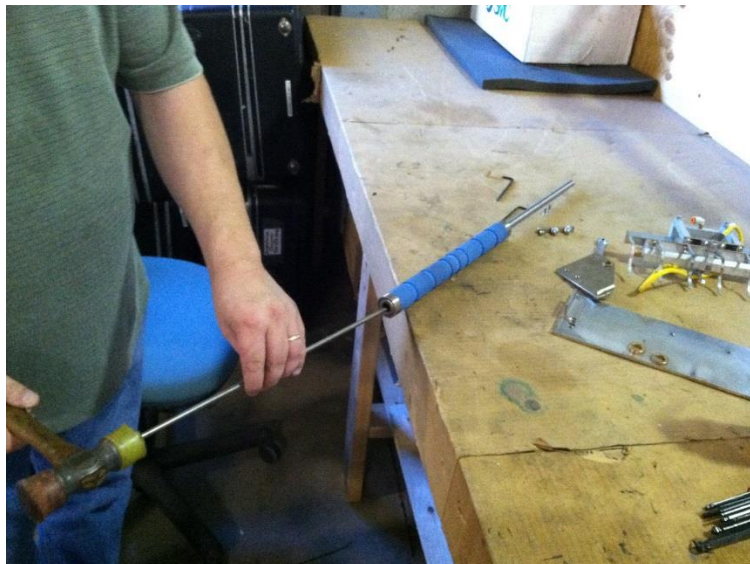


How To

Service Documents from APPI



With a rubber or plastic mallet, drive the Shaft out of the Roller.



You may need a long piece of stock to get the shaft completely out.



How To

Service Documents from APPI



Place the new Bearing into one end of the Roller. Be sure to keep it square with the Roller, not crooked.



With a piece of softer metal stock carefully tap the Bearing in. Be sure to keep it going in square.

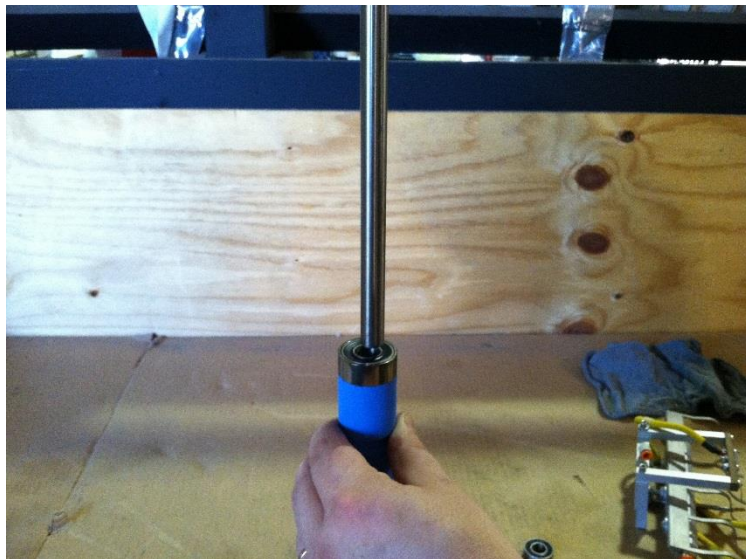


How To

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When the Bearing is completely in it should be even with the end of the Roller.



Insert the Shaft into one end of Roller.



How To

Service Documents from APPI



With a plastic or rubber Mallet GENTLY tap Shaft in.



Slide Bearing on the Shaft and started into Roller.



How To

Service Documents from APPI



With a piece of softer metal stock carefully tap Bearing onto Shaft.

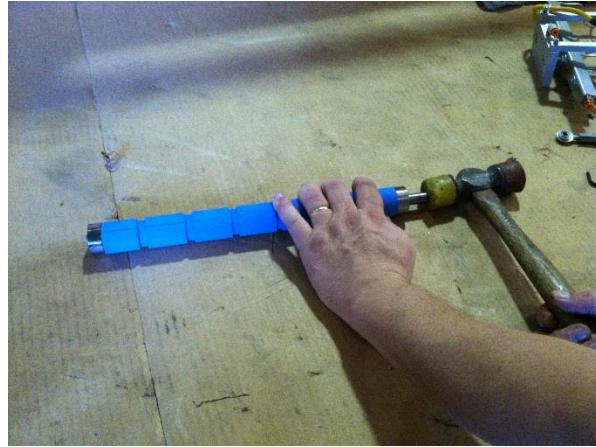


Tap sides of Bearing evenly to keep Bearing square.

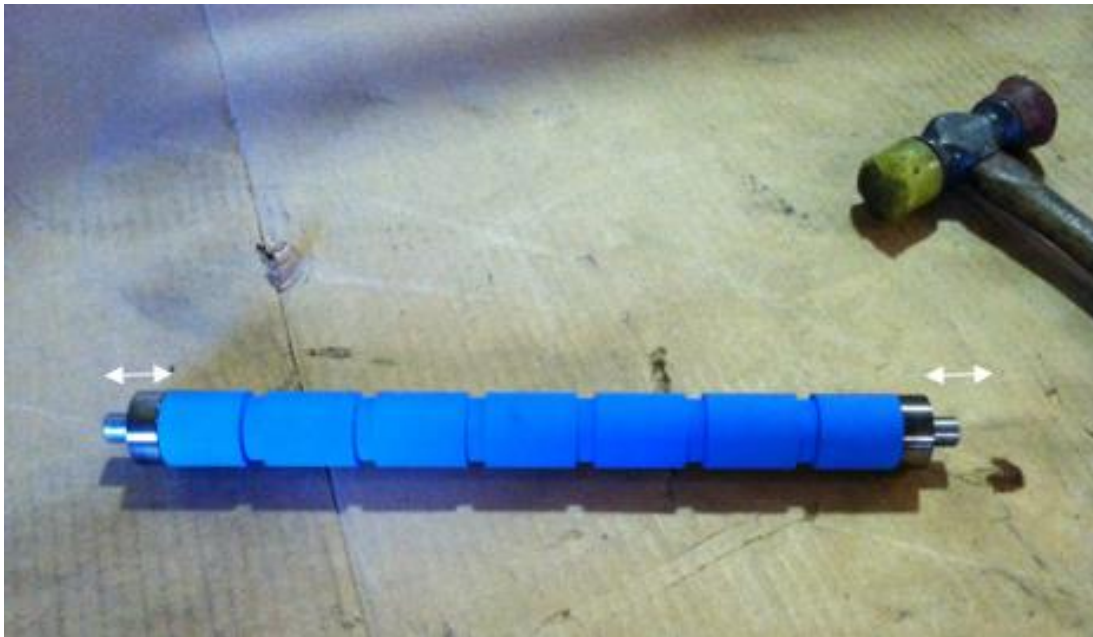


How To

Service Documents from APPI



Carefully tap Shaft with plastic or rubber mallet so there is an even amount Shaft on both ends of the Roller.





How To

Service Documents from APPI



Apply a small amount of grease to both Brass Washers.

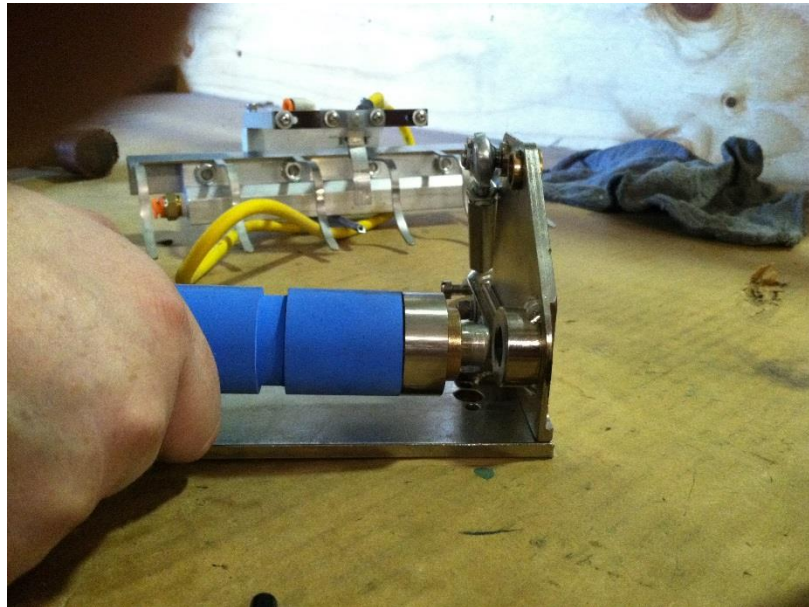


Slide one Brass Washer on each end of the Roller.

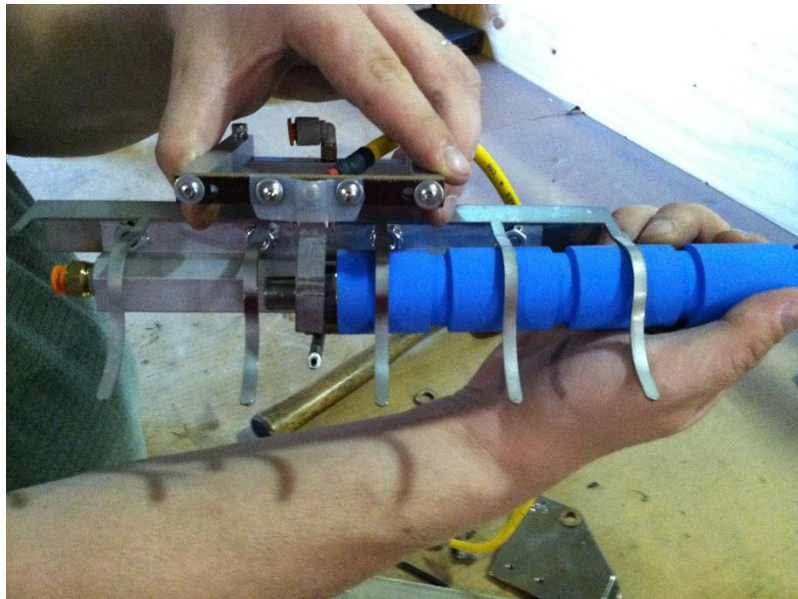


How To

Service Documents from APPI



Slide the end of the Shaft into the Side Plate.

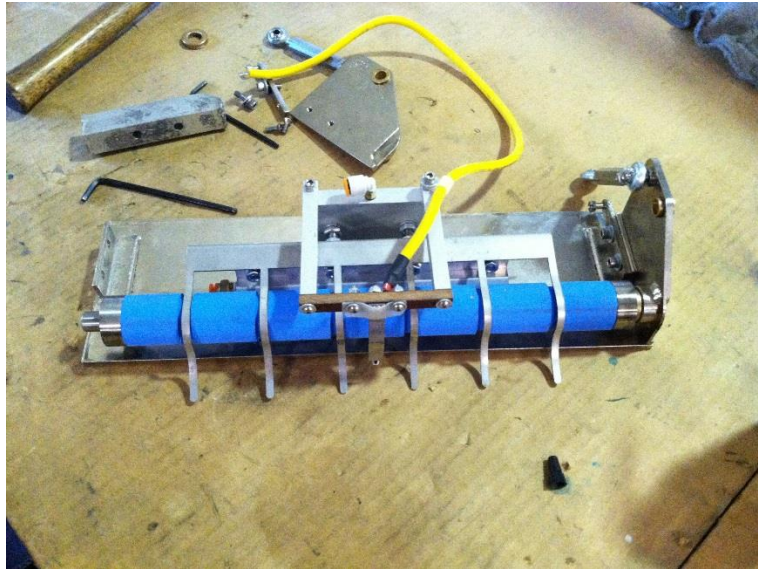


Slide the Blower Assembly into place.



How To

Service Documents from APPI

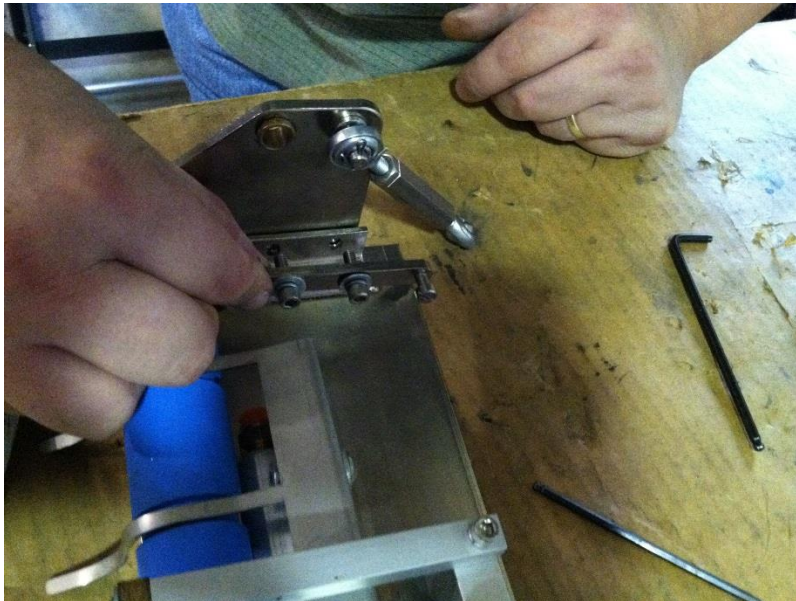


Slide the other Side Plate into position.



How To

Service Documents from APPI

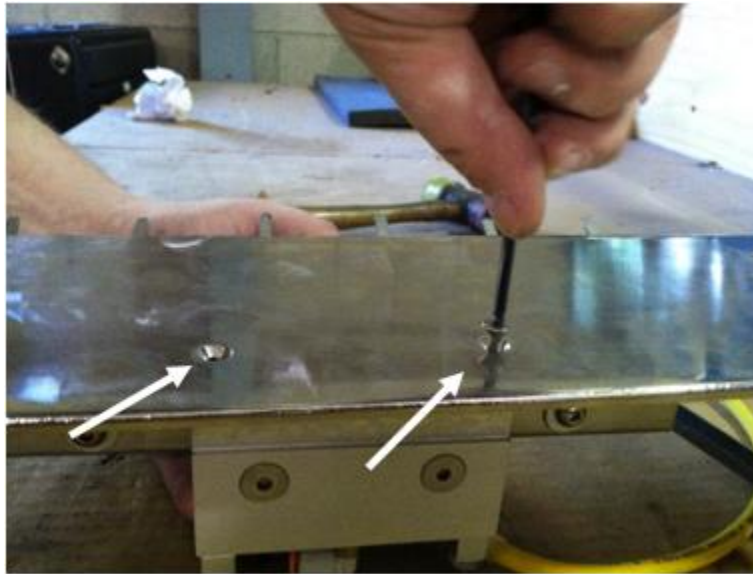


Insert the two Socket Head Bolts and tighten.

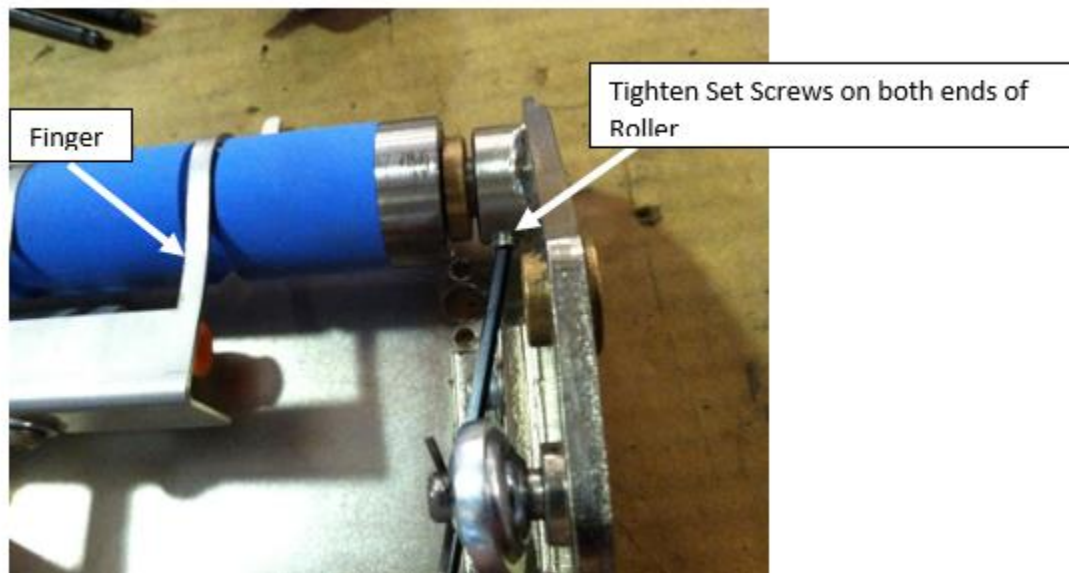


How To

Service Documents from APPI



Attach the Blower Assembly to the Front Plate with two Flat Head Bolts.

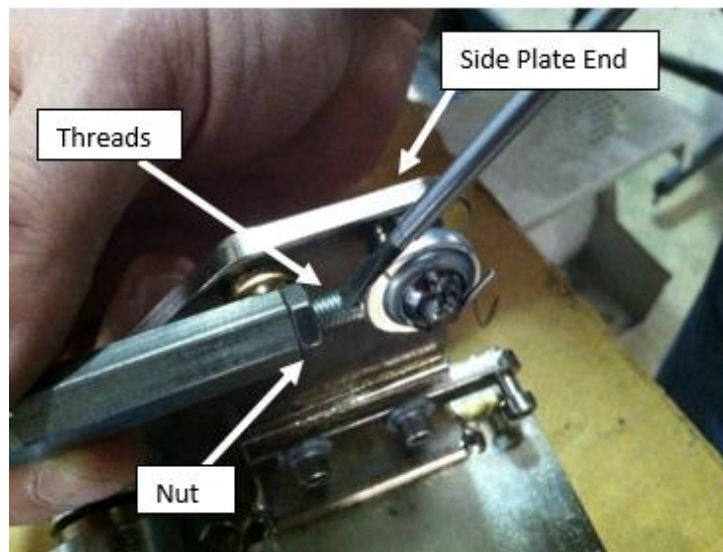
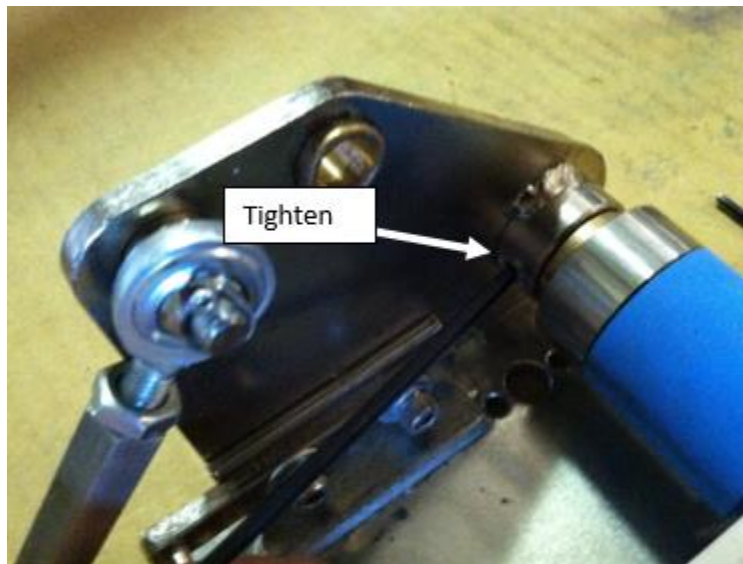


Make sure the grooves in the Roller are lined up with the Fingers. Tighten the set screws on both sides of Roller.



How To

Service Documents from APPI

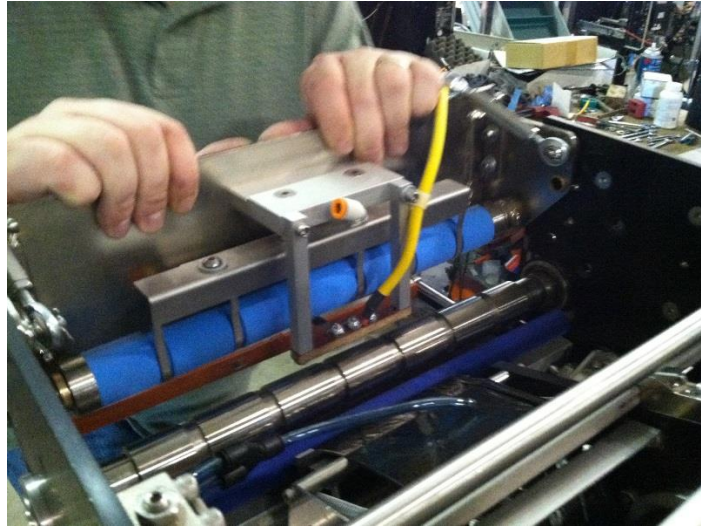


Count the number of threads on the Turnbuckle at the end that's attached to the Side Frame. Both Turnbuckles should be the same. Loosen nut to adjust.



How To

Service Documents from APPI



Place Top Cover/Latch Assembly into place.

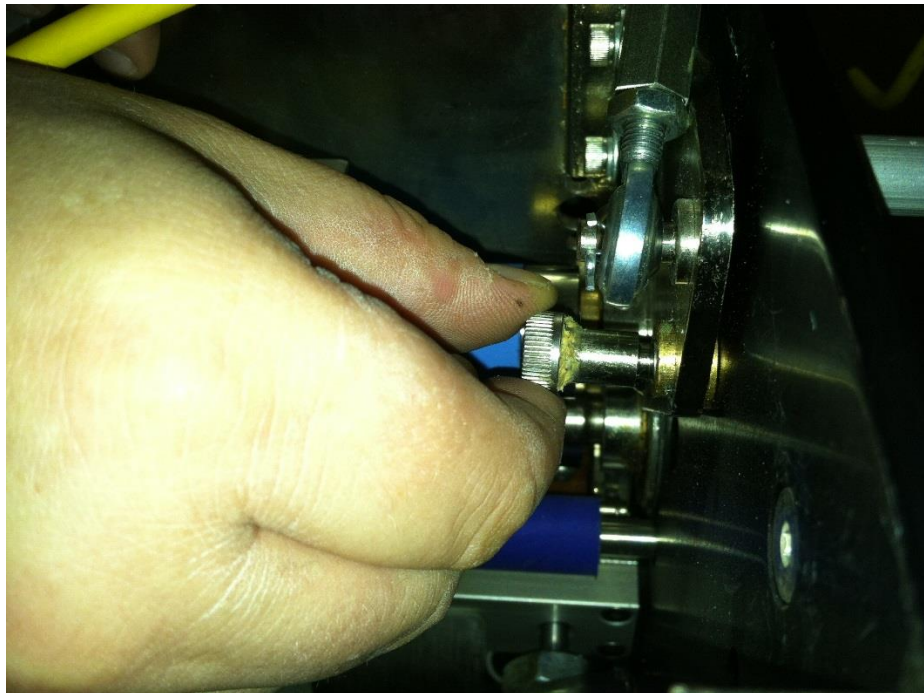
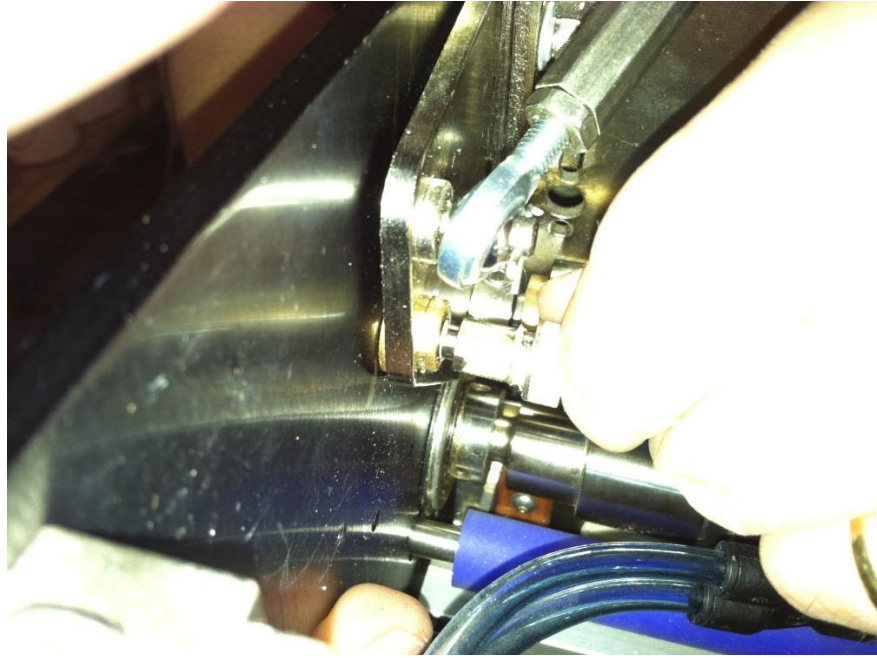


Put a small amount of grease on Shoulder Bolts.



How To

Service Documents from APPI

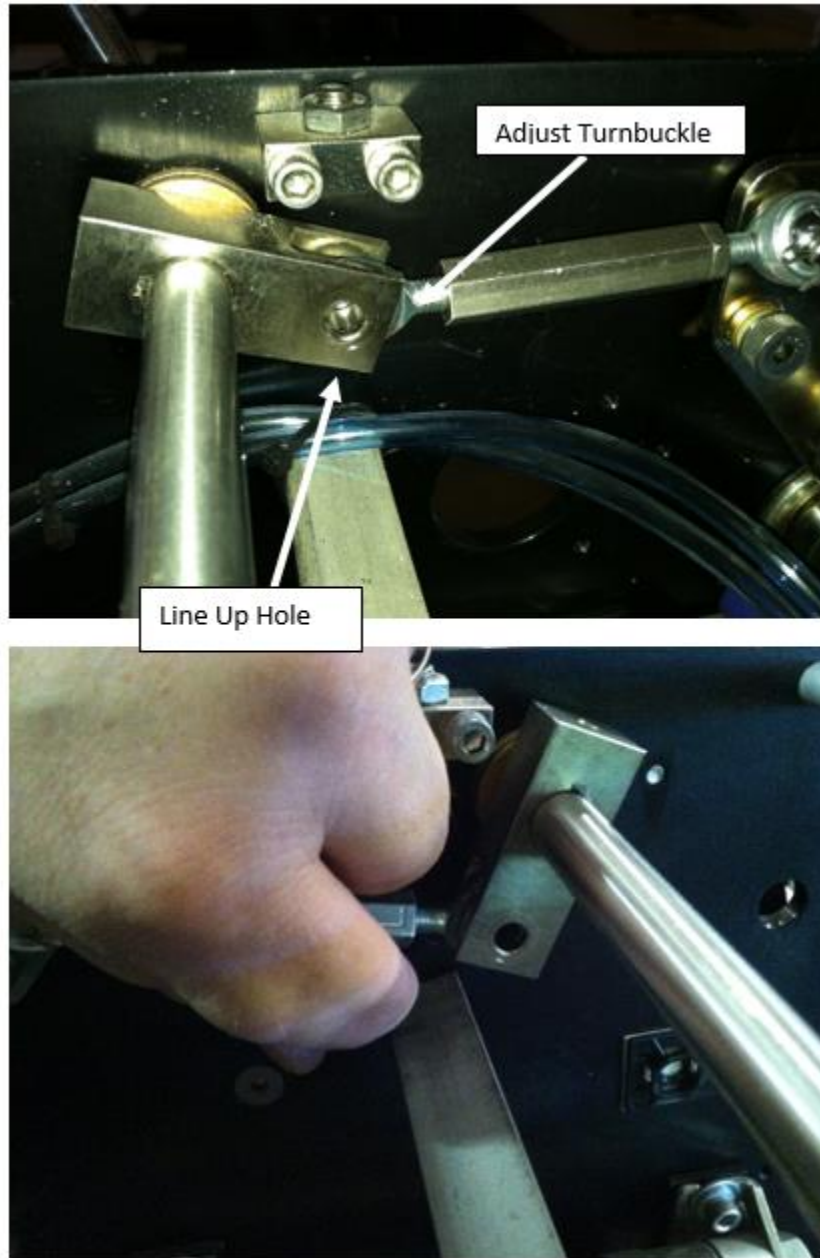


Attach both Side Plates to the Bagger Frame with the Shoulder Bolts.



How To

Service Documents from APPI

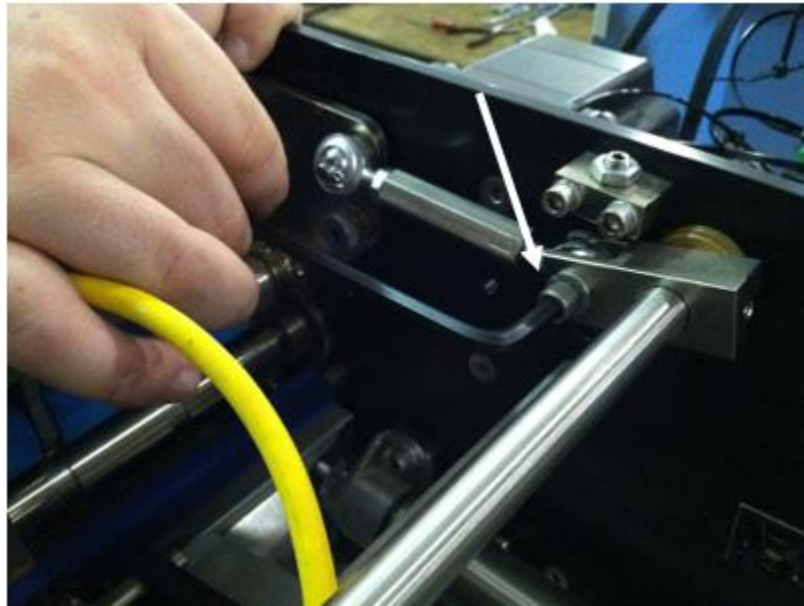


Adjust the Gimbal on the Turnbuckle to line up with the Clamp Lever.

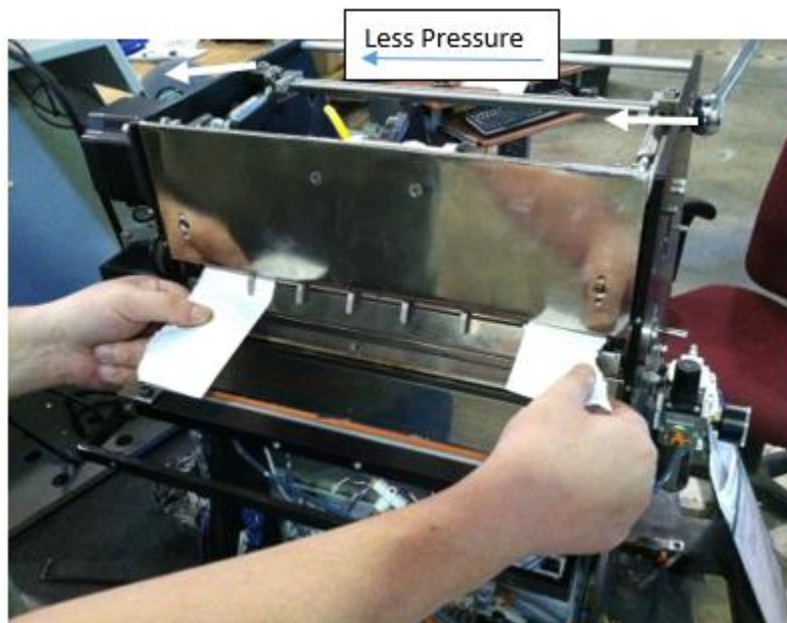


How To

Service Documents from APPI



Replace Shoulder Bolts and tighten.

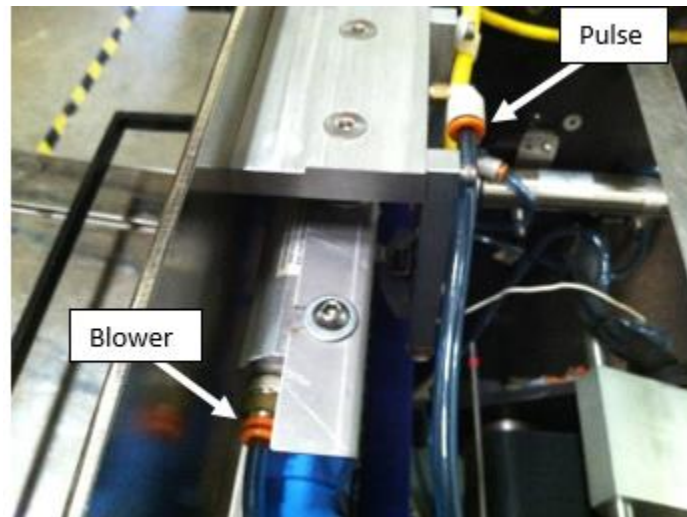


With two strips of paper between the Blue and Steel Roller, adjust turnbuckles for an even light pull on both sides.

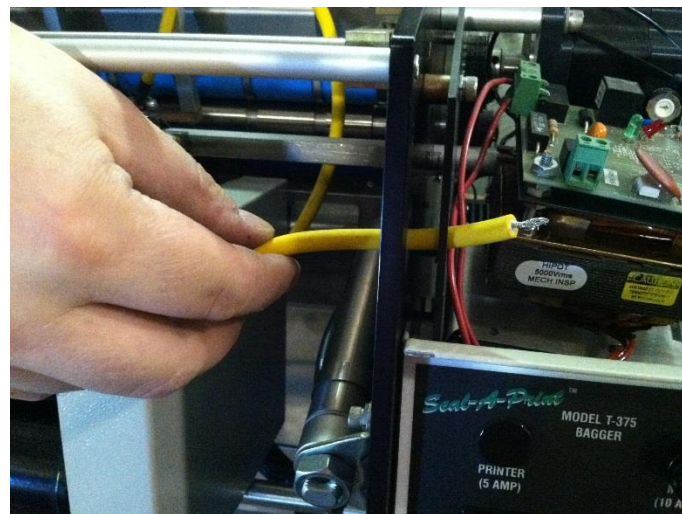


How To

Service Documents from APPI



Re-connect Air Pulse and Blower Air Lines

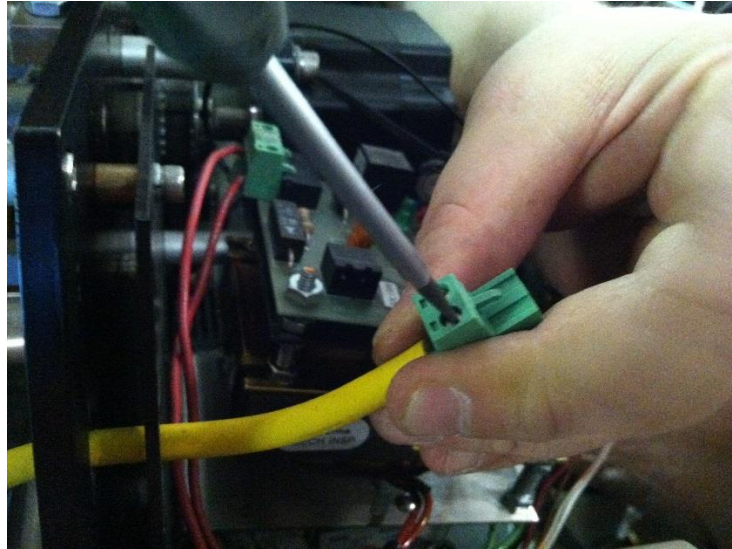


Route the High Voltage Cable thru Bagger Side Frame

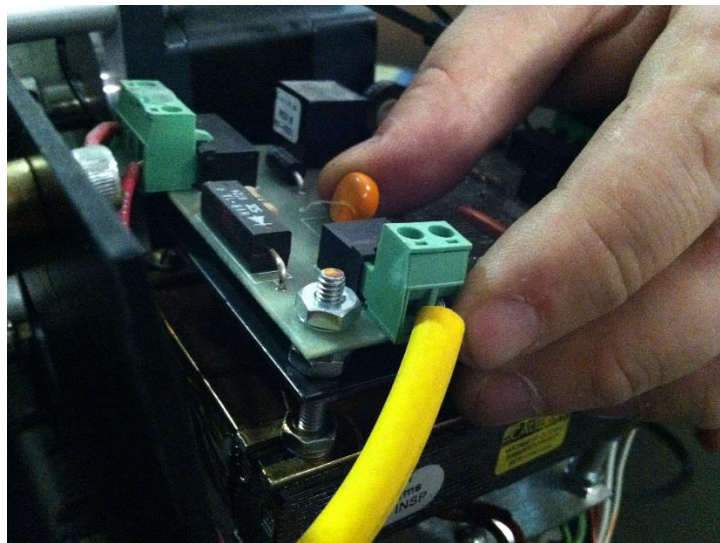


How To

Service Documents from APPI



Screw the High Voltage into the Connector

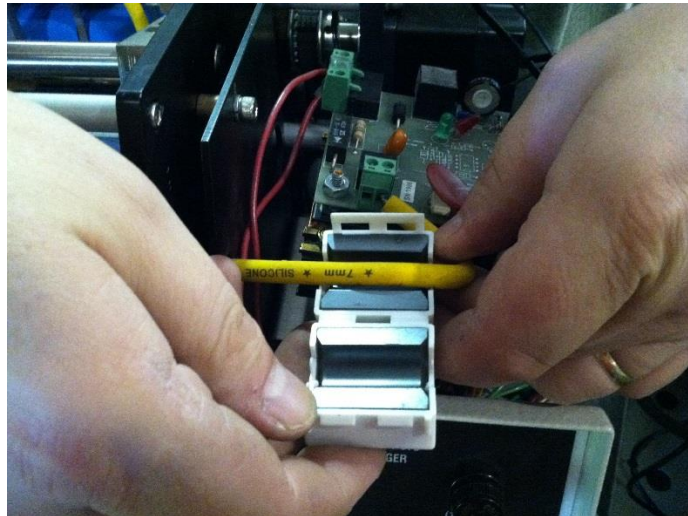


Plug the Connector into the High Voltage Board

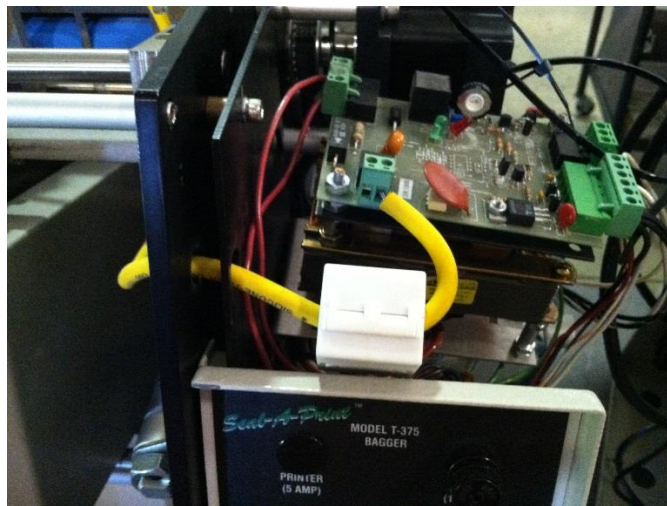


How To

Service Documents from APPI



Attach the Ferrite to the High Voltage Cable



To complete the Blue Roller Installation, refer to HT#000022 (Blue Roller Adjustment).