

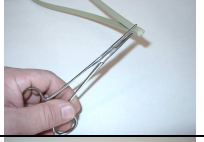

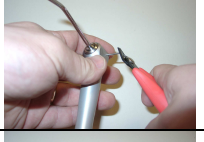
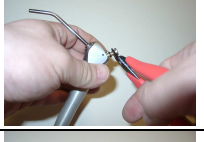
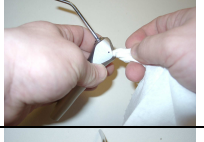












# R-Tech Dental of Minnesota

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## DCI 3430 Syringe Rebuilding Steps

1	Turn off master switch on delivery system.	
2	Depress air and water buttons on syringe into a sink or a bucket until all air and water pressure stops.	
3	If pressure does not stop, use a hemostat to clamp the hose off as shown. It is <u>VERY</u> important that all pressure be stopped before proceeding with syringe repair.	
4	Using a <a href="#">CHH 019-10-00</a> universal nippers push the <a href="#">DCI 9651</a> pin out. The pin needs to be removed as it is holding the buttons down.	
5	Pull <a href="#">DCI 9651</a> pin out from opposite side and then set it aside until later.	
6	Remove the <a href="#">DCI 3085</a> button and the <a href="#">DCI 9670</a> spring from the air and water sides of the syringe. You can use a <a href="#">DCI 8059</a> syringe button removal tool or the <a href="#">CHH 019-10-00</a> universal nippers to help you in this task.	
7	Use a cotton roll or a paper towel that is moistened with water to clean the inside bore of each of the air and water button ports.	
8	Install new <a href="#">DCI 9670</a> conical springs. They should seat flat in the base of the bore and be pointy side up.	
9	Install new <a href="#">DCI 3085</a> buttons into the bores.	
10	Completely depress both buttons until they are flush with the top of the syringe and then re-insert the <a href="#">DCI 9651</a> locking pin.	

<b>11</b>	Next use a <a href="#">DCI 9705</a> hex wrench to remove the front <a href="#">DCI 3089</a> quick change adaptor.	
<b>12</b>	Clean both the <a href="#">DCI 3089</a> quick change adaptor and the inside area of the syringe. Isopropyl alcohol may be used.	
<b>13</b>	Beneath the <a href="#">DCI 3089</a> quick change adaptor, down in the base of the syringe, is a <a href="#">DCI 2255</a> air/water separation o-ring. Remove the old o-ring using an explorer.	
<b>14</b>	Install a new <a href="#">DCI 2255</a> o-ring and press it into place with the end of the <a href="#">DCI 9705</a> hex wrench.	
<b>15</b>	There is a thin large diameter <a href="#">DCI 2202</a> o-ring that also needs to be replaced. Use an explorer to do so.	
<b>16</b>	The <a href="#">DCI 3089</a> quick change adaptor has a notch in it. Align the notch with the pin that is sticking out of the front of the syringe and then use the <a href="#">DCI 9705</a> hex wrench set to re-install the quick change adaptor.	
<b>17</b>	Make sure that after tightening the <a href="#">DCI 3089</a> quick change adaptor is able to move freely.	
<b>18</b>	Unclamp the syringe hose and turn on the unit to check operation of the syringe.	