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# TOOLS NEEDED FOR REPAIR OF G250HP

Quantity	Part Number	Description	
1	43.300.227	Balance Chamber Adjusting Tool	- Mille
1 set	10.102.100 (Peter Built)	Brass o'ring picks	
1 tube	41.047.000	Christo-Lube	
1	47.010.000	Counter Mat	SCUBAPRO
1	41.496.101	Lubricant syringe	Manajert
1	43.040.000 (Scubapro)	Universal Tool	
1		Jeweler's screwdriver (3mm)	
1		Philip's Screwdriver	
1	11.153.500 (Peter Built)	Ball-end Allen Wrench	
1	43.300.225 (Scubapro)	VIVA Flow Vane Removal Tool	
1	20.500.200 (Peter Built)	Pneumatic Adjusting tool	
1	18.300.500 (Peter Built)	Blow Gun/Air Nozzle	

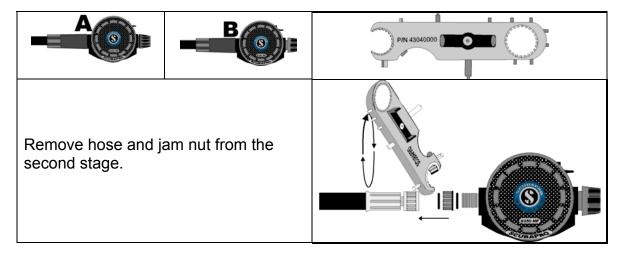
**ICON LEGEND** 

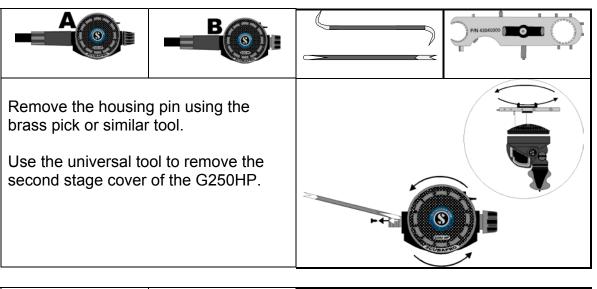
	Inspect carefully, replace if needed		
Monglect	Lubricate properly		
$\bigcirc$	Replace annually		
$\bigcirc$	Dynamic o'ring, replace annually and lubricate properly		
LE CONTRACTOR CONTRACT	No tools needed for this step		
	Indicates the regulators affected by this step		

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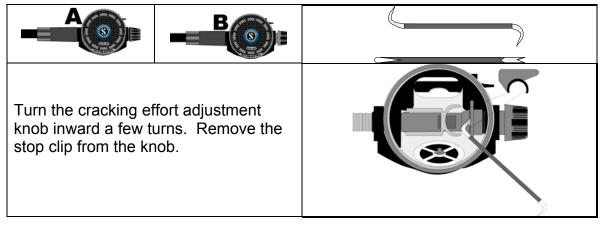
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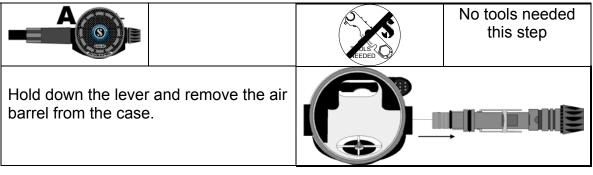




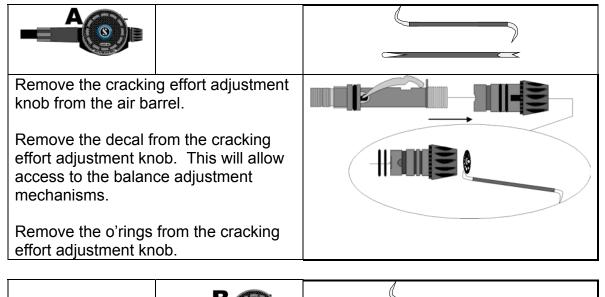


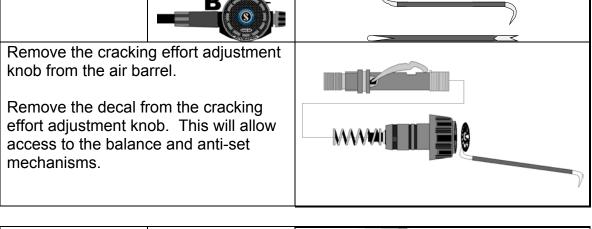
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-	B	No tools needed this step
Hold down the lever and barrel from the case.	emove the air	



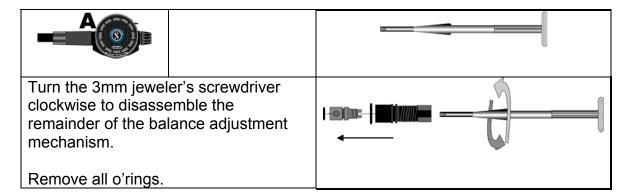


Using the Philips screwdriver remove the cover screw and o'ring. Do not remove the breathing effort adjustment knob at this time.	
Remove the poppet, spring and balance chamber from the air barrel.	

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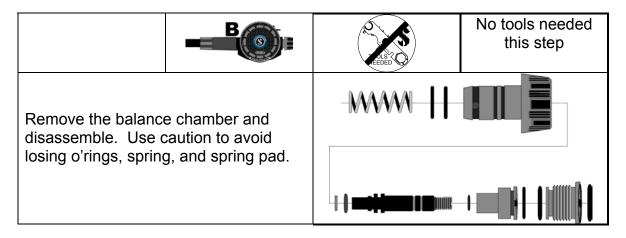
	EEDED O	No tools needed this step
Turn the breathing effort adjustment knob clockwise until it is no longer in contact with the balance adjustment mechanism.		
Remove the breathing effort adjustment knob.		

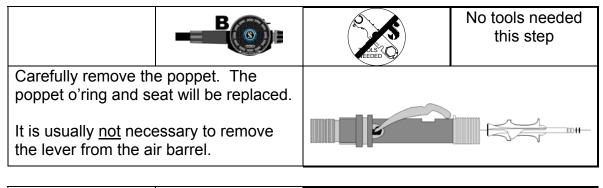
Using 3mm jeweler's screwdriver turn the balance adjustment mechanism clockwise and remove.	

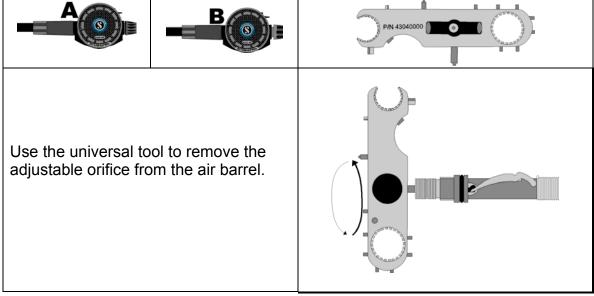


		PIN 43040000
Remove the knob p universal tool.	lug using the	

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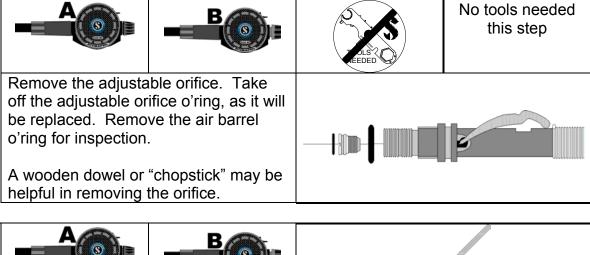






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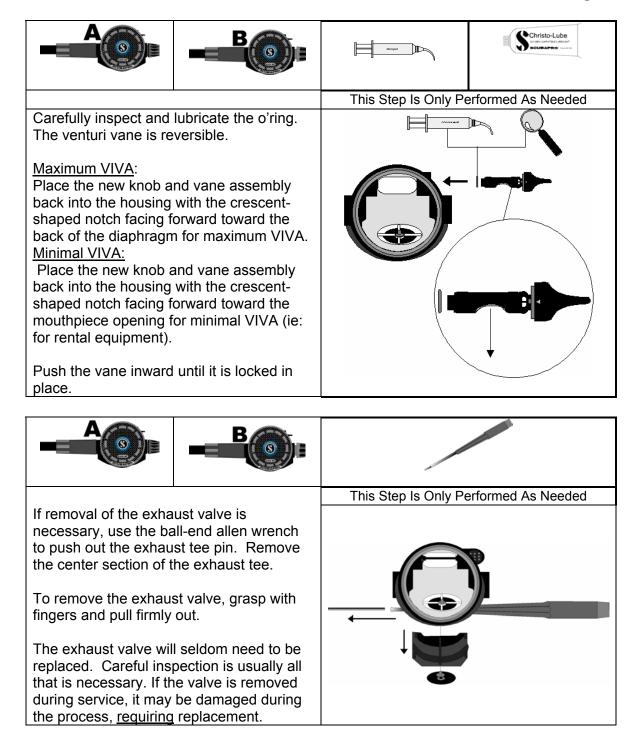
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This Step Is Only Performed As Needed When it is necessary to remove the VIVA flow vane, use the flow vane removal tool (p/n 43.300.225). Be certain to remove the diver breathing adjustment knob prior to use. This step is seldom needed, unless the VIVA flow vane o'ring is worn or damaged. Top view

		LLS CHEEDED	No tools needed this step
If the VIVA flow vane is removed, it may be necessary to replace the entire VIVA assembly, including the o'ring.		This Step Is Only Pe	erformed As Needed

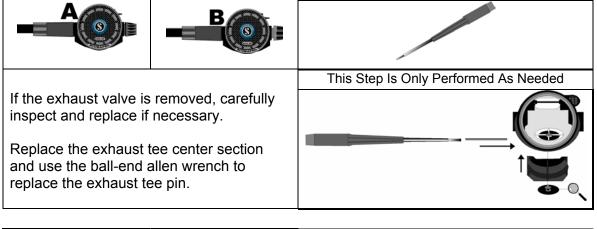
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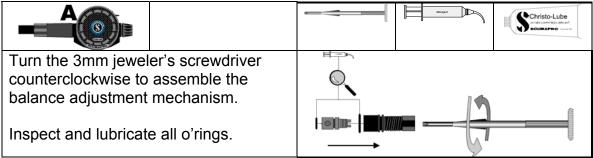


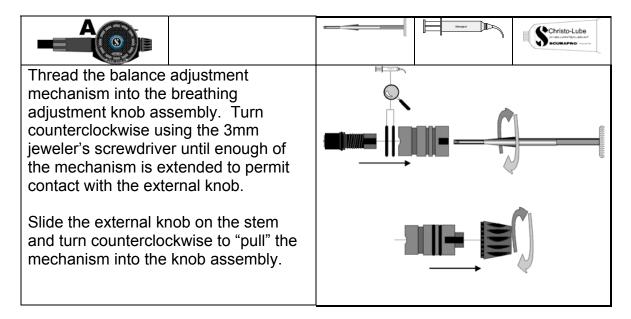
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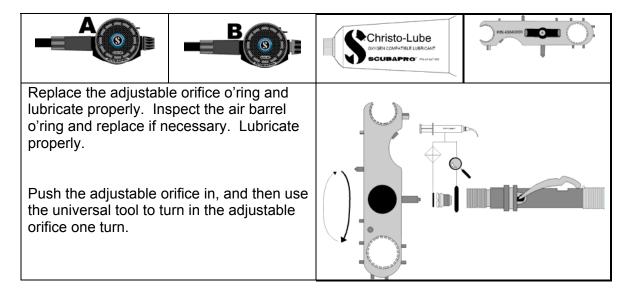
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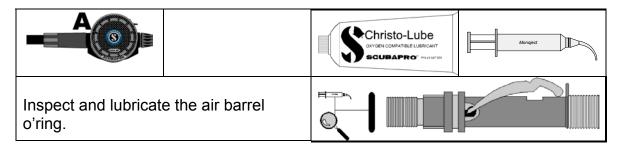






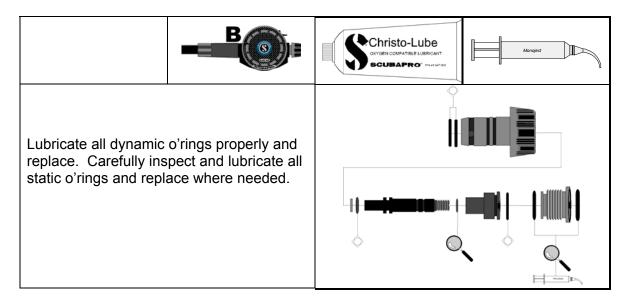
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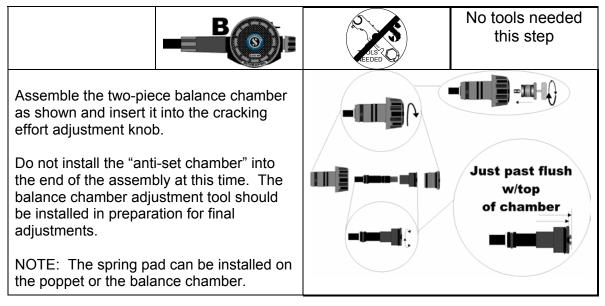


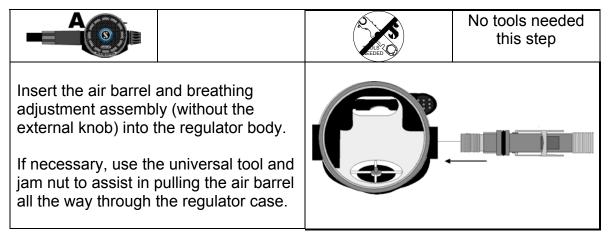


	Christo-Lube OVIGEN COMPATILE LUBRICANT SCUBAPRO' FILALIA 200
Prepare the poppet by replacing the seat and replacing/lubricating the dynamic o'rings.	
NOTE: Do not install the poppet/spring or balance chamber into the air barrel at this time.	$\Leftrightarrow$ $\diamondsuit$

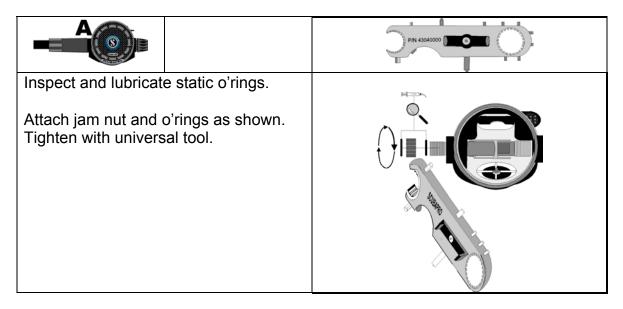
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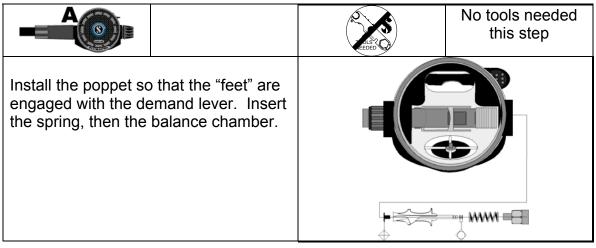


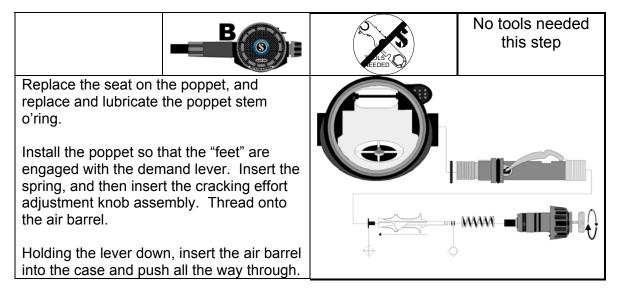




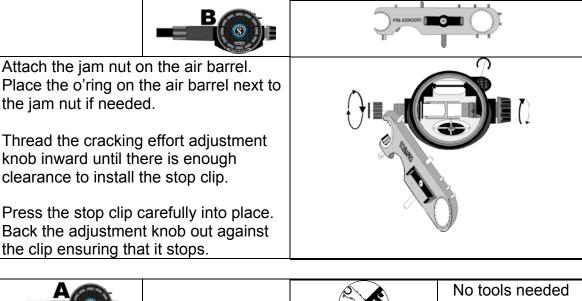
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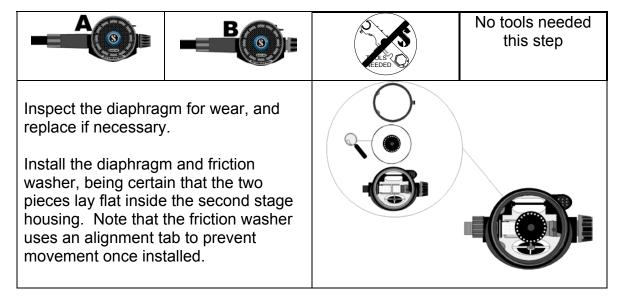




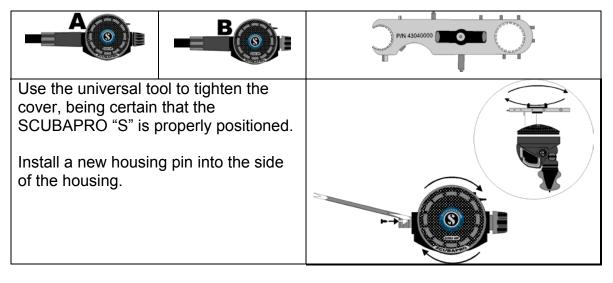
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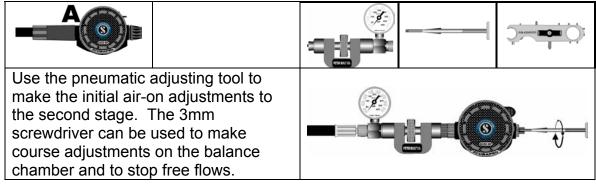


		this step
Insert the breathing adjustment assembly without the external knob onto the air barrel.		
Push the assembly all the way onto the barrel, being sure to engage the notch on the assembly with the key on the air barrel as shown		
Install the stop clip.	Side View	Top View



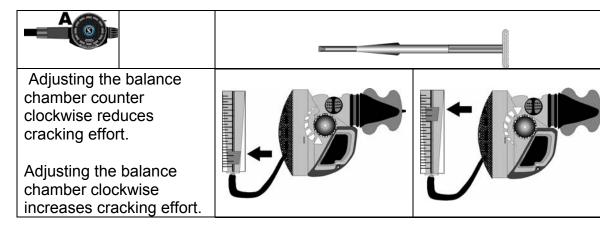
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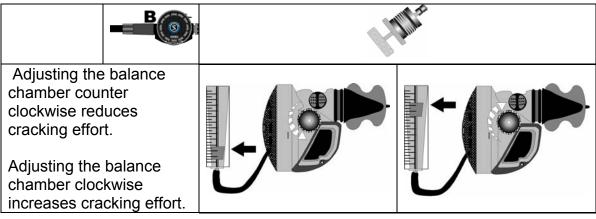


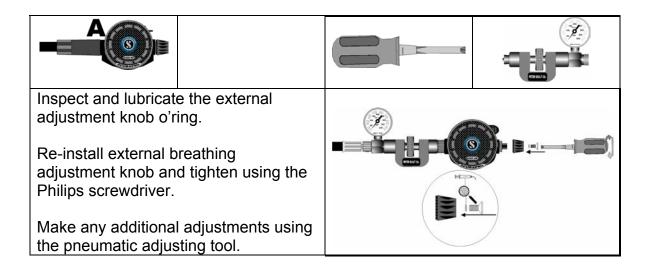


	B	- Aller	
Use the pneumatic adjusting tool to make the initial air-on adjustments to the second stage, and to stop all free flowing. The balance chamber tool will be used to fine-tune the breathing effort (see the next step).			P

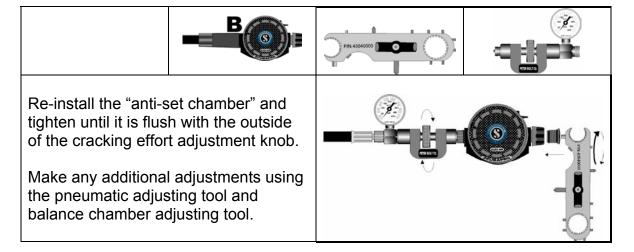
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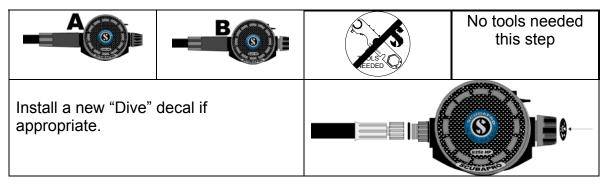


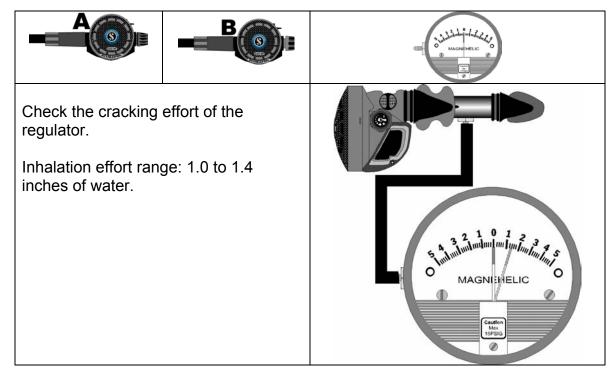




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