SCUBAPRO Repair Guide MK 25/MK 20 First Stages





USE THIS GUIDE AS A REFERENCE WHEN SERVICING
THE MK 25 AND MK 20 FIRST STAGES

TOOLS NEEDED FOR REPAIR OF MK 25-MK 20



_		NEEDED TOOLS?	
Quantity	Part Number	Description	
1		Ratchet	
1	20-155-500 (Peter Built)	1" Yoke Nut Socket	
1	20.150-200 (Peter Built)	MK 25/MK 20 Assembly Tool	
1 set	10.102.100 (Peter Built)	Brass o'ring picks	
1 tube	41.047.000	Christo-Lube	Christo-Lube OCHIGATEL LUBRICATE OCUBATRO PALATES
1	47.010.000	Counter Mat	SCUBAPRO
1	41.496.101	Lubricant syringe	Manaject
1	43.040.000	Universal Tool	
1	20-115-100 (Peter Built)	First Stage Handle	
1		Torque Wrench	7 3 4 5 4 3 2 Y
1		Hex Key Set	
1		Crescent wrench	
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			
Mongled	Lubricate properly			
	Replace annually			
	Dynamic o'ring, lubricate properly			
LES CONTROL OF THE PROPERTY OF	No tools needed for this step			
		Indicates the regulators affected by this step		







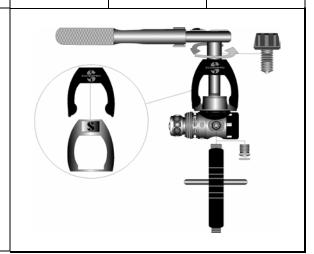


Remove all hoses.

Thread the first stage handle into the high-pressure port as shown.

Use the ratchet and yoke nut socket to remove the yoke nut from the first stage.

Remove the yoke cover if cleaning the yoke is indicated.









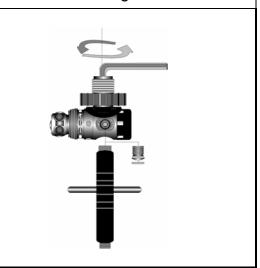


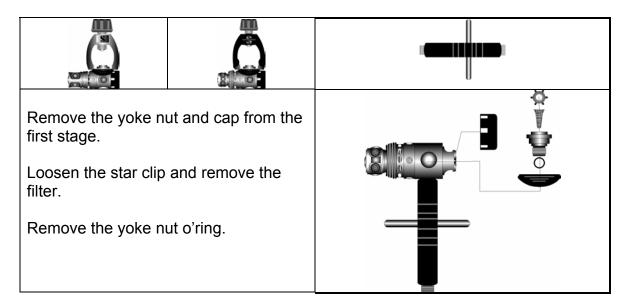
For DIN Regulators

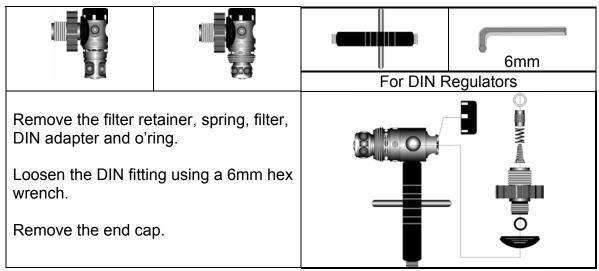
Remove all hoses.

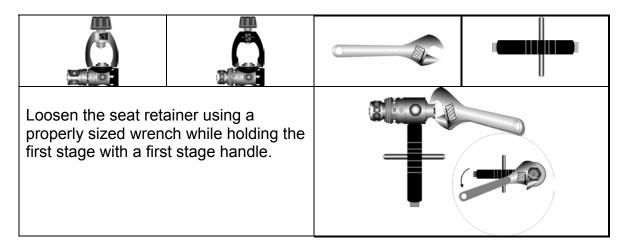
Thread the first stage handle into the high-pressure port as shown.

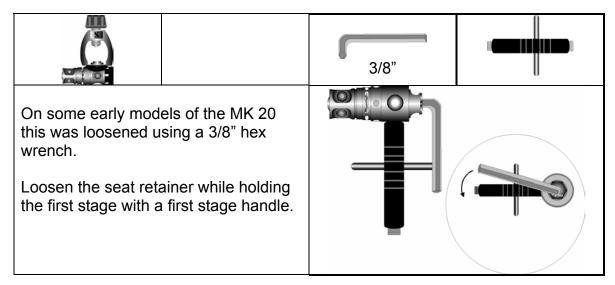
Loosen the filter retainer using a 5/32" hex wrench.

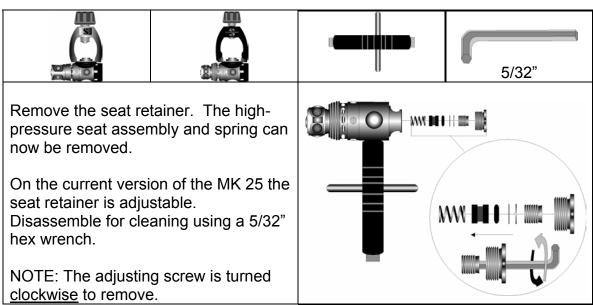


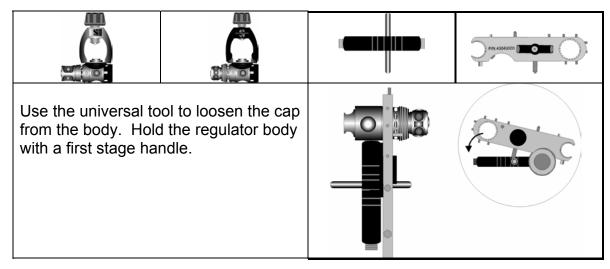


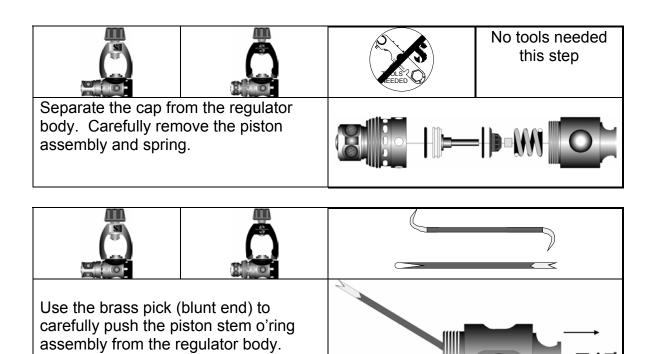


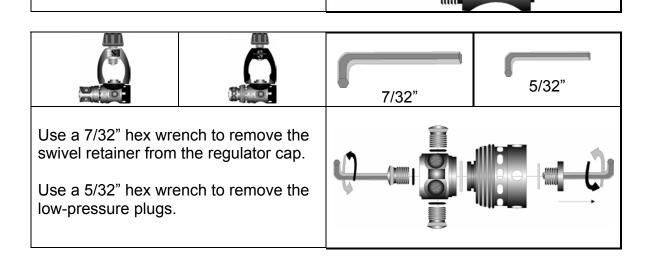
















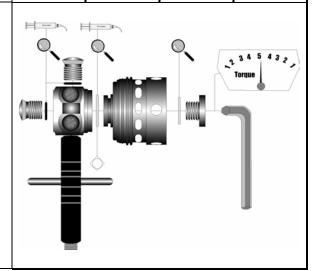




7/32"

Following cleaning, inspect and lubricate o'rings and washer as shown.

Reassemble the swivel retainer to the regulator cap using a 7/32" hex and torque wrench. Apply 70 in-lbs/8 N-m.











Insert the stem o'ring assembly using the stem o'ring insertion tool. The o'ring should be lubricated to dynamic specifications.

Note that the washer with the ledge should be placed as shown during reassembly.

Push the assembly into the regulator body.

