# SCUBAPRO Repair Guide MK 25/MK 20 First Stages





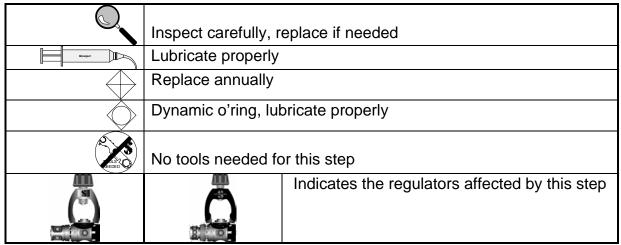
USE THIS GUIDE AS A REFERENCE WHEN SERVICING THE MK 25 AND MK 20 FIRST STAGES

# TOOLS NEEDED FOR REPAIR OF MK 25-MK 20



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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
1	47.010.000	Counter Mat	SCUBAPRO
1	41.496.101	Lubricant syringe	Monglet
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 Torque
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









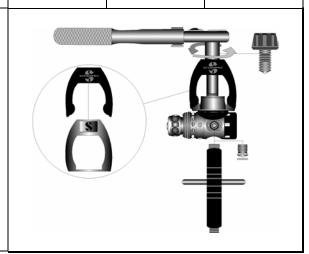


Remove all hoses.

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.









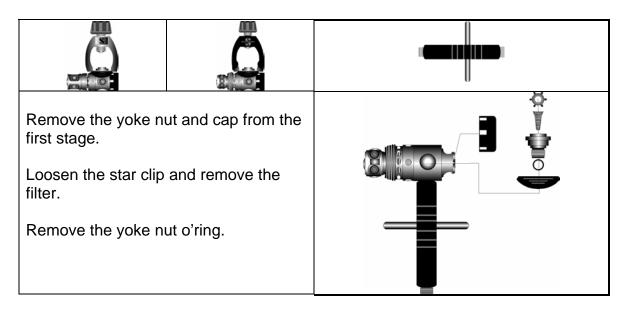


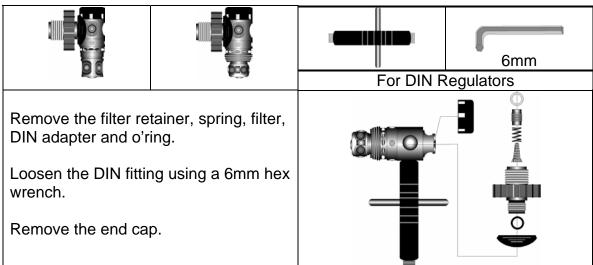
Remove all hoses.

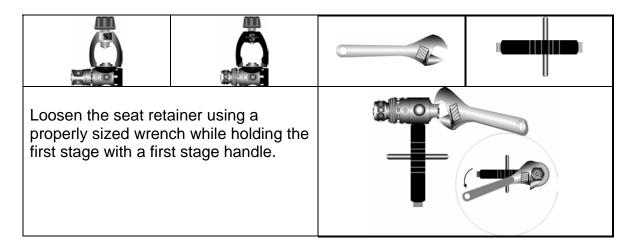
Thread the first stage handle into the high-pressure port as shown.

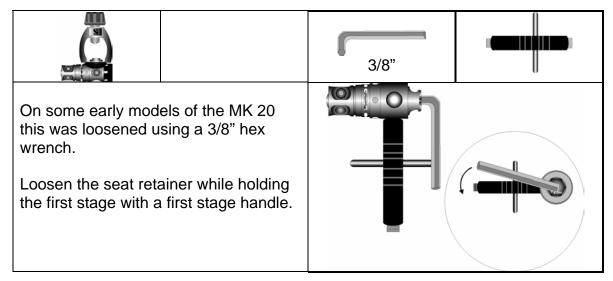
Loosen the filter retainer using a 5/32" hex wrench.

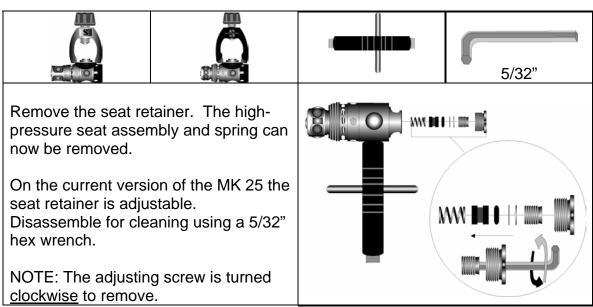


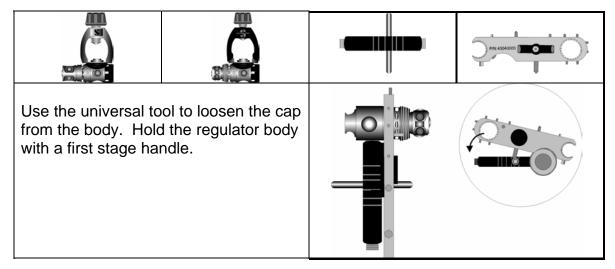


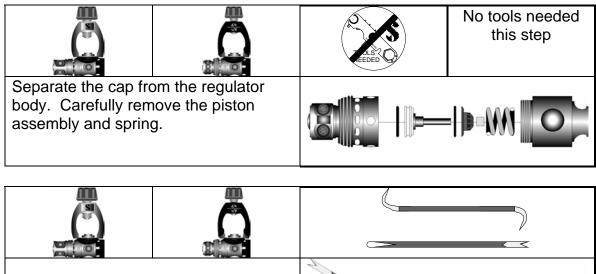




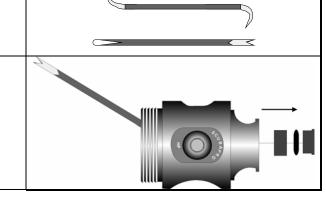


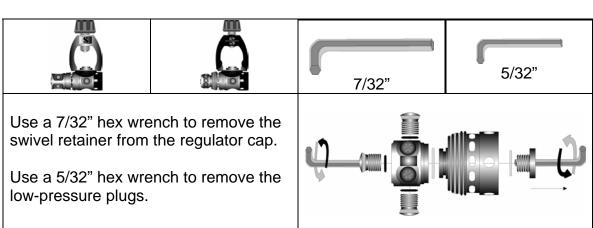






Use the brass pick (blunt end) to carefully push the piston stem o'ring assembly from the regulator body.









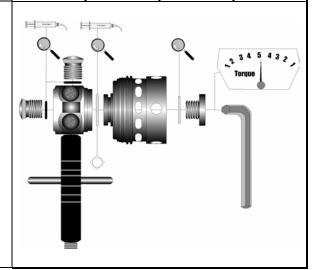




7/32"

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.







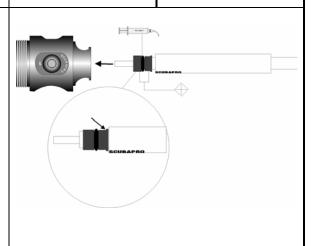


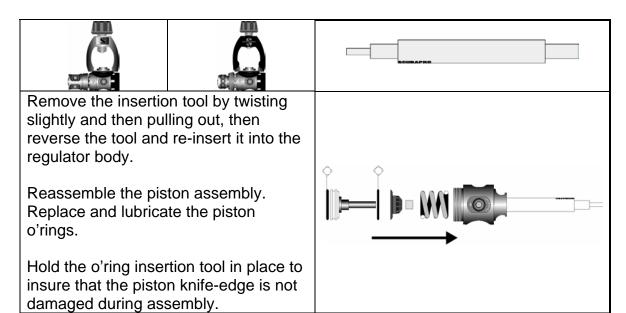


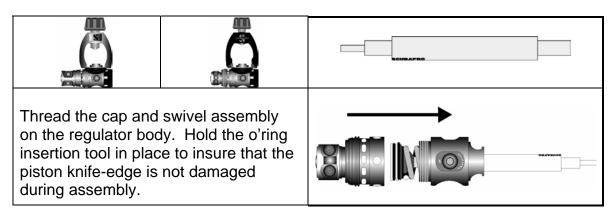
Insert the stem o'ring assembly using the stem o'ring insertion tool. The o'ring should be lubricated to dynamic specifications.

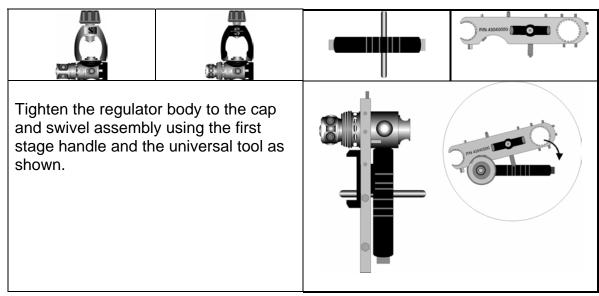
Note that the washer with the ledge should be placed as shown during reassembly.

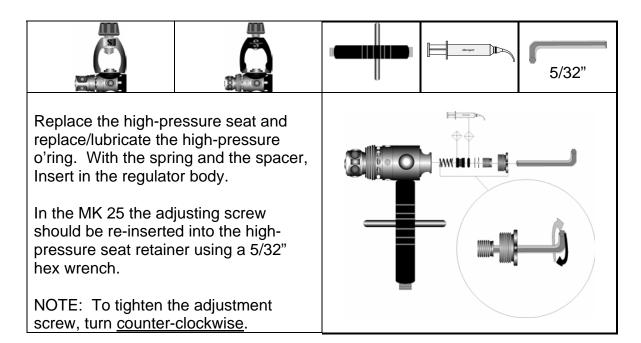
Push the assembly into the regulator body.

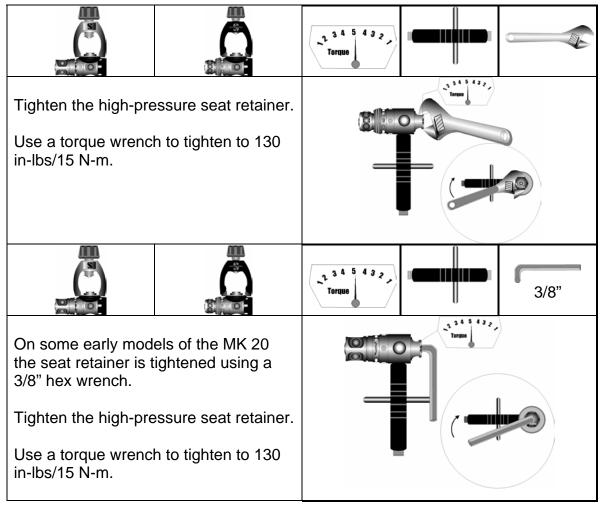


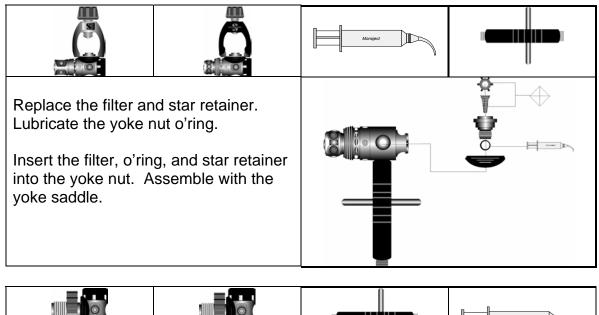


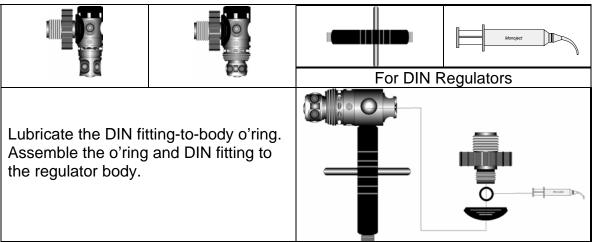


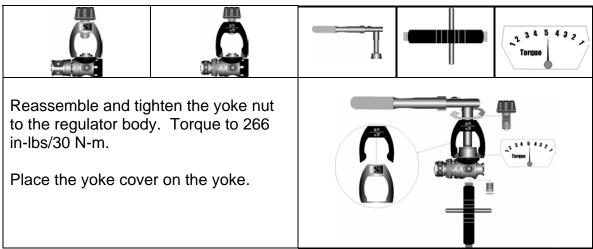












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