# SCUBAPRO Repair Guide MK 16 First Stage





USE THIS GUIDE AS A REFERENCE WHEN SERVICING THE MK 16 FIRST STAGE

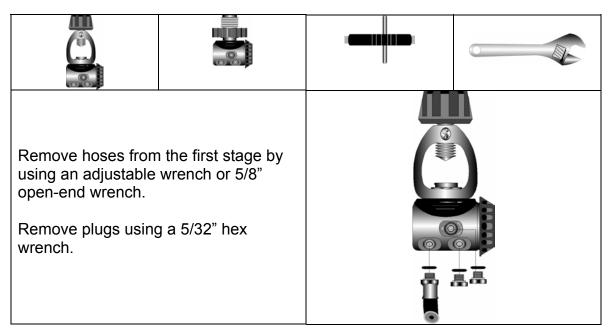
# TOOLS NEEDED FOR REPAIR OF MK 16

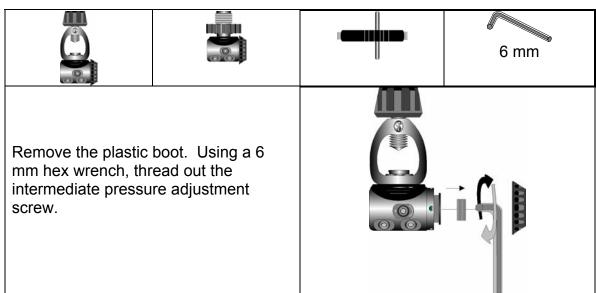


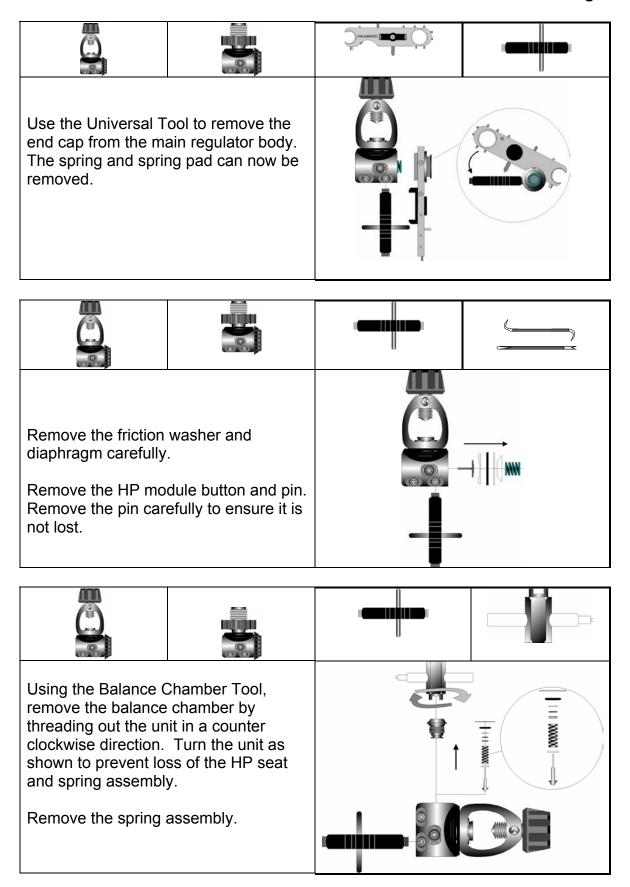
Quantity	Part Number	Description	
1		Socket Wrench with 3/8" drive and	
		3" extension	Ж
1	20-155-500	1" Yoke Nut Socket	
	(Peter Built)		
	20.270-100	MK 16 Tool	
	(Peter Built)		
1 set	10.102.100	Brass o'ring picks	
	(Peter Built)		
1 tube	41.047.000	Christo-Lube	Christo-Lube ONGEN COMPATELE LUBRICANT OCUBAPATRO* THE LUBRICANT
1	47.010.000	Counter Mat	SCUBAPRO
1	41.496.101	Lubricant syringe	Monoyeet
1	43.040.000	Universal Tool	Ç
1	20-115-100	First Stage Handle	
	(Peter Built)	_	
2		Torque Wrench with 3/8" drive -	2345432
		100 in-lb range and 600 in-lb range	Torque
1		Hex Key Set: 7/32" and 6mm	
1		Crescent wrench	
1	20.500.200	Pneumatic Adjusting tool	(F)
	(Peter Built)		
1	18.300.500 (Peter Built)	Blow Gun/Air Nozzle	

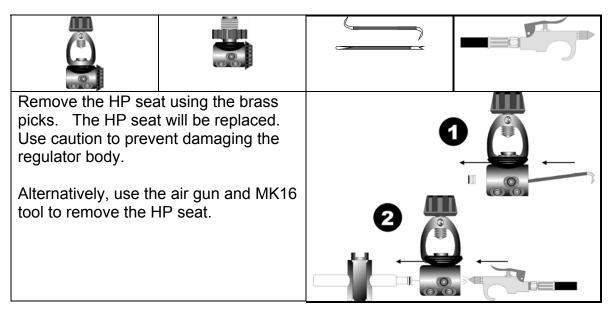
### ICON LEGEND

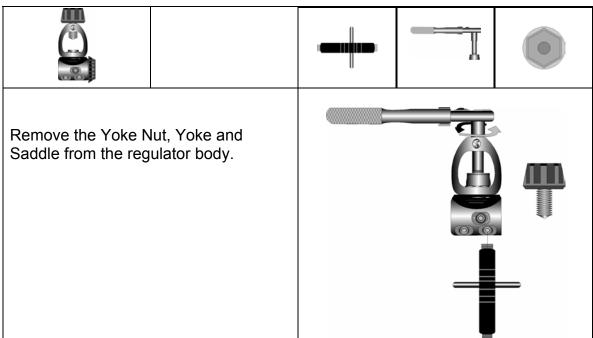
10011 EEGE116		
	Inspect carefully, replace if needed	
Monaject	Lubricate properly	
	Replace annually	
	Dynamic o'ring, lubricate properly	
EDED CO	No tools needed for this step	
	Indicates the regulators affected by this step	

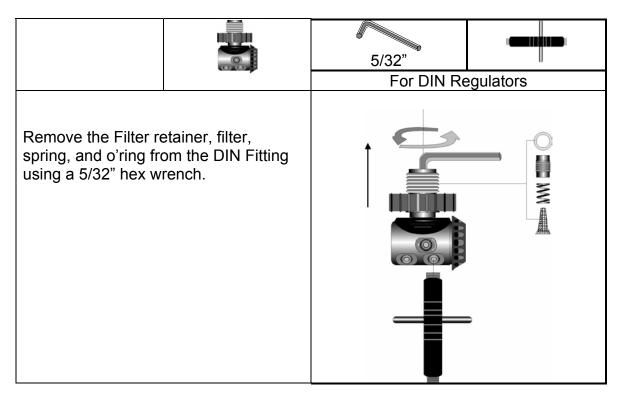


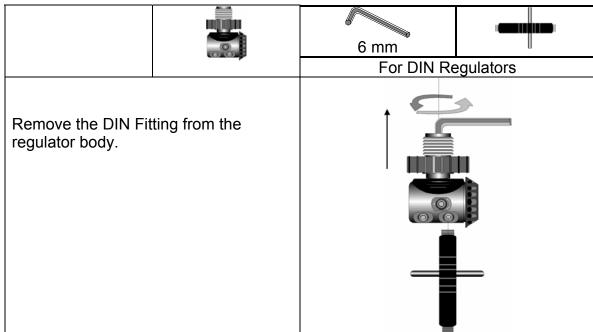


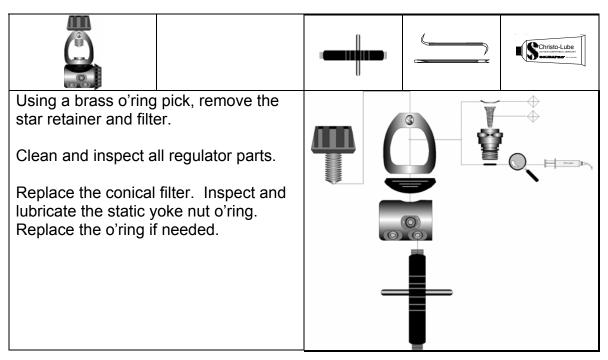


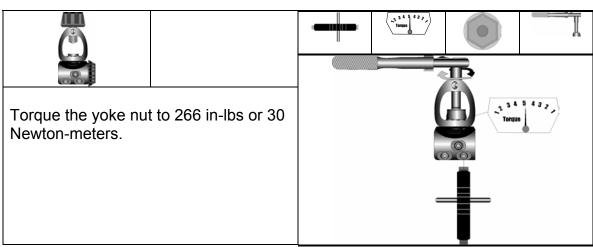


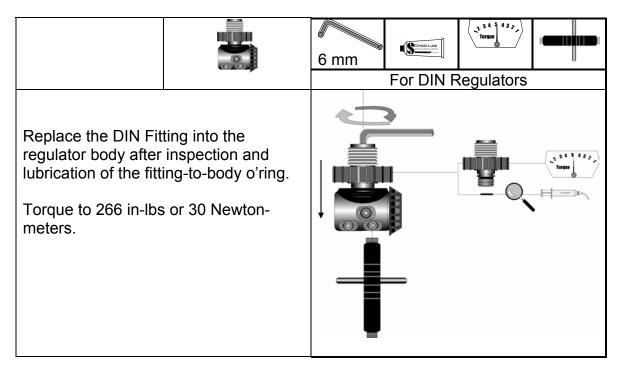


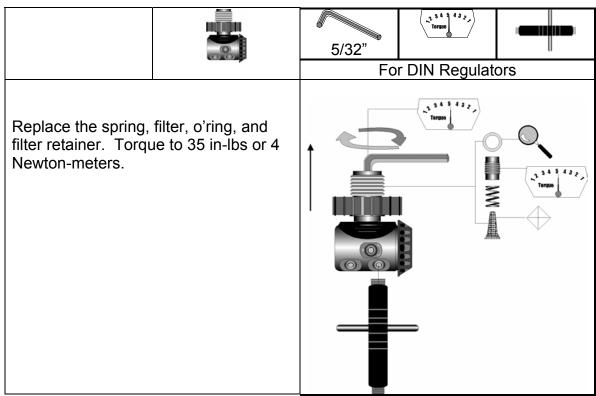










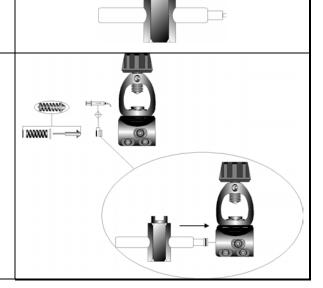






Insert a new HP seat assembly into the regulator body after lubricating the HP seat o'ring properly.

Assemble the HP poppet, spring and washers.



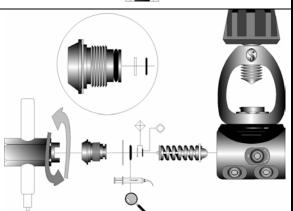


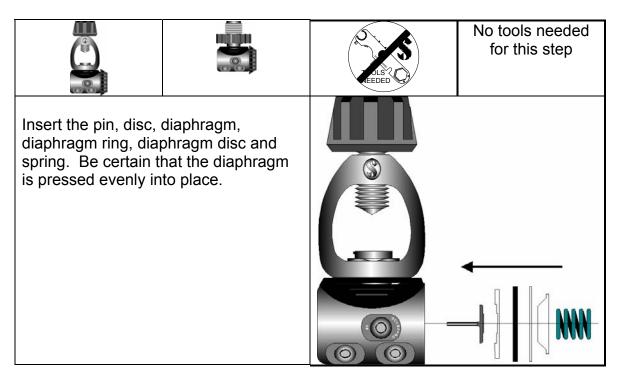


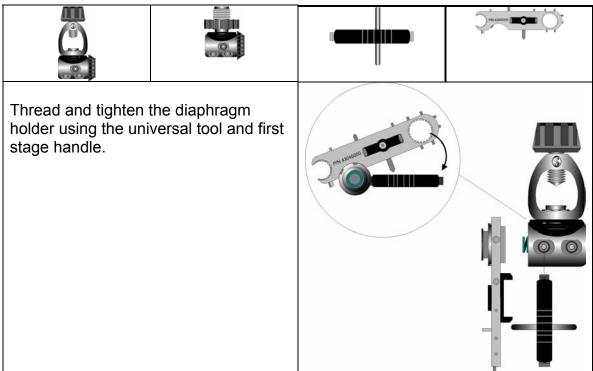


Assemble the o'ring, (2) washers in the HP seat retainer.

Insert the poppet assembly. Insert the HP seat retainer and tighten using the MK 16 tool.







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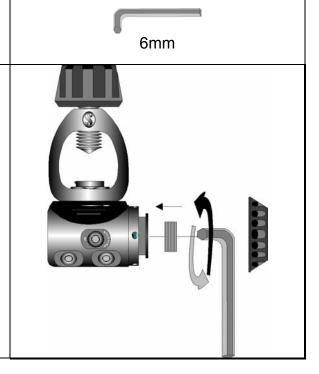




Thread in the spring screw (adjustment cap) and tighten flush with the 6 mm hex wrench.

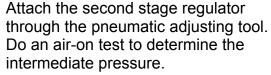
The cap will be adjusted to set the intermediate pressure in a subsequent step.

Replace the plastic cap. It is possible to make intermediate pressure adjustments with the plastic cap in place.









Adjust the intermediate pressure using the 6mm hex wrench. Increase intermediate pressure by turning clockwise.

Intermediate pressure should be between 125 and 145 psi at 3000 psi and 300 psi.

