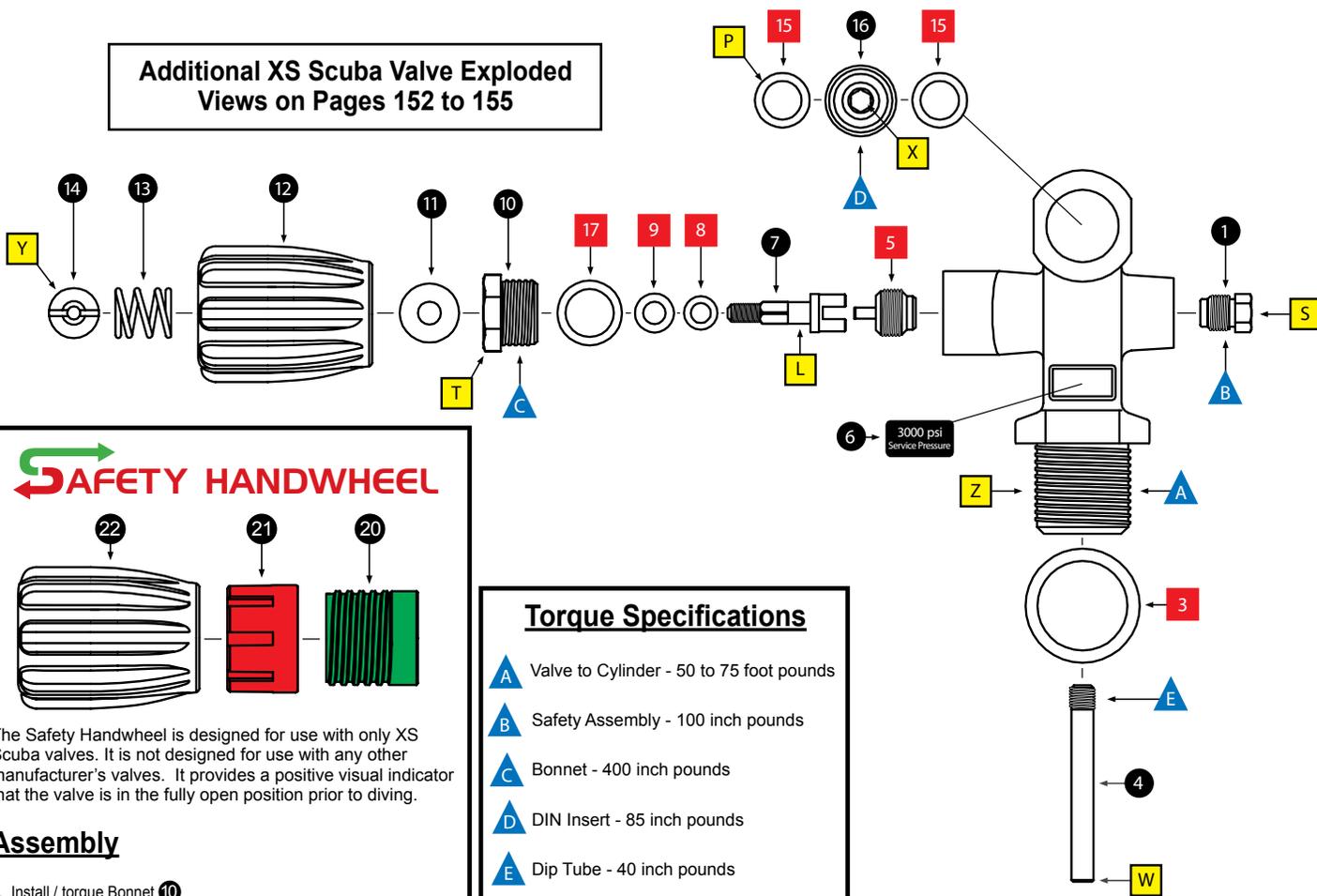




PRO VALVE EXPLODED VIEW

Additional XS Scuba Valve Exploded Views on Pages 152 to 155



Torque Specifications

- A** Valve to Cylinder - 50 to 75 foot pounds
- B** Safety Assembly - 100 inch pounds
- C** Bonnet - 400 inch pounds
- D** DIN Insert - 85 inch pounds
- E** Dip Tube - 40 inch pounds

Service Kit XS Scuba PRO Valve

Includes:

3	5	8
9	15	15
17		

Part # VKX-P
Dealer 8.00

Service Notes:

- L** Lightly lubricate with Christo-Lube MCG-111 part number TL108
- P** Remove o-rings without damaging parts using brass pick part number TL111
- S** Replace Safety Assembly at least once every five years at hydro test date
- T** Use a torque wrench for correct tightening
- W** Install and remove dip tube with 5/32" hex wrench
- X** For use with DIN first stage remove DIN Insert with 1/4" hex wrench
- Y** Remove and install nut with slotted screwdriver part number TL113 Tighten nut until top of stem is flush with nut
- Z** During service support the valve by installing it in an empty cylinder

The Safety Handwheel is designed for use with only XS Scuba valves. It is not designed for use with any other manufacturer's valves. It provides a positive visual indicator that the valve is in the fully open position prior to diving.

Assembly

1. Install / torque Bonnet **10**
2. Turn the valve to completely off position
3. Place Teflon Washer **11** over threaded end of stem
4. Place Green Sleeve **20** over Bonnet **10**
5. Screw Red Sleeve **21** onto Green Sleeve **20**
6. Stop when Red Sleeve **21** completely covers Green Sleeve **20**
7. Install Handwheel **22** Spring **13** & Nut **14** as normal
8. Check function - 100% off = 100% red - 100% on = 100% green

#	Part #	Description	Dealer	#	Part #	Description	Dealer
1	VX01-20	Safety Assembly 2015 psi (3358 burst)	4.00	7	VX07	Stem	4.00
1	VX01-22	Safety Assembly 2250 psi (3750 burst)	4.00	8	VX08-E	O-ring - EPDM (Stem)	1.00
1	VX01-24	Safety Assembly 2400 psi (4000 burst)	4.00	9	VX09	Teflon Washer (Stem)	1.00
1	VX01-30	Safety Assembly 3000 psi (5000 burst)	4.00	10	VX10	Bonnet	4.00
1	VX01-33	Safety Assembly 3300 psi (5500 burst)	4.00	11	VX11	Teflon Washer (Handwheel)	1.00
1	VX01-34	Safety Assembly 3442 psi (5250 burst)	4.00	12	VX12	Standard Handwheel - Black	5.00
3	VX03-V	O-ring - Viton (3/4" NPSM Inlet)	1.00	13	VX13	Spring	1.00
4	VX04	Dip Tube	2.00	14	VX14	Nut	2.00
5	VX05	Seat	4.00	15	VX15-V	O-ring - Viton (Outlet)	1.00
6	VX06-20	Sticker - 2015 psi	0.25	16	VX16	DIN Insert with both o-rings Viton	7.50
6	VX06-22	Sticker - 2250 psi	0.25	17	VX17-E	O-ring EPDM (Bonnet)	1.00
6	VX06-24	Sticker - 2400 psi	0.25	20	VX20	Safety Handwheel Green Sleeve and	10.00
6	VX06-30	Sticker - 3000 psi	0.25	21	VX21	Safety Handwheel Red Sleeve	
6	VX06-33	Sticker - 3300 psi	0.25			<i>only sold in pairs</i>	
6	VX06-34	Sticker - 3442 psi	0.25	22	VX22	Safety Handwheel Black Knob	10.00