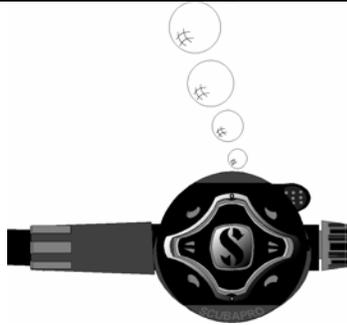
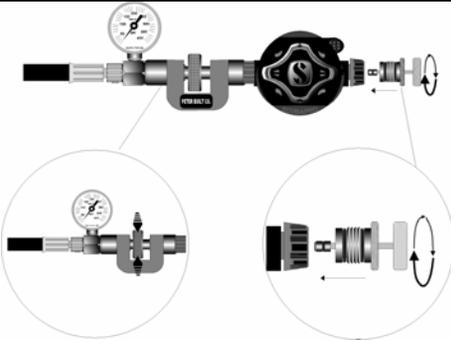
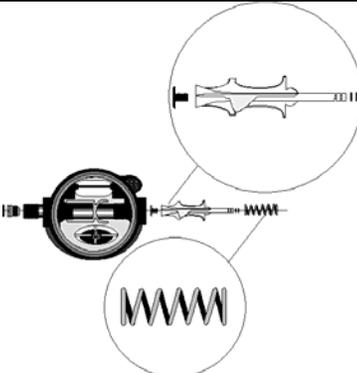
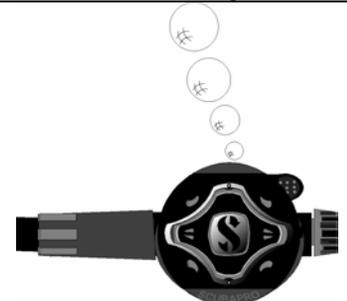
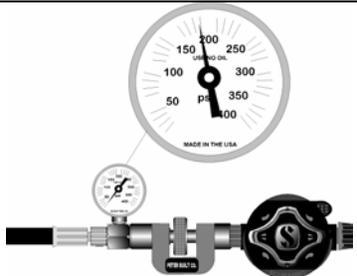
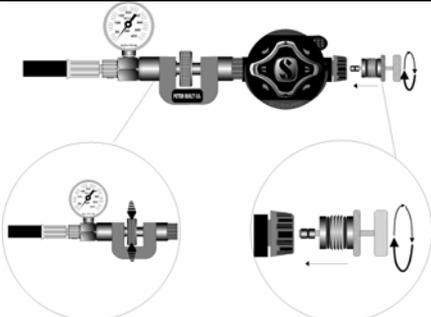
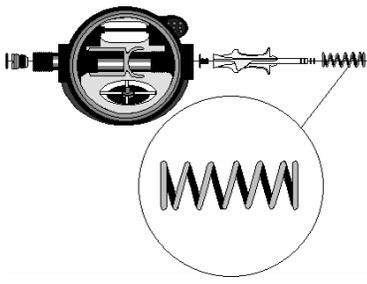


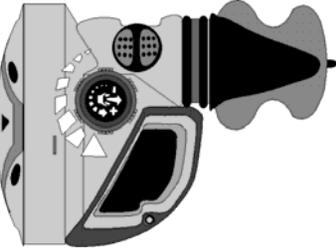
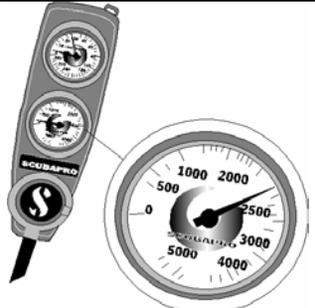
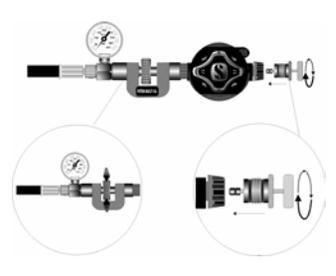
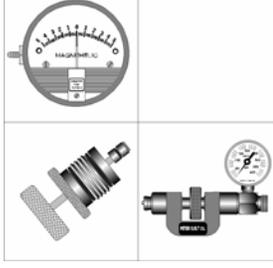
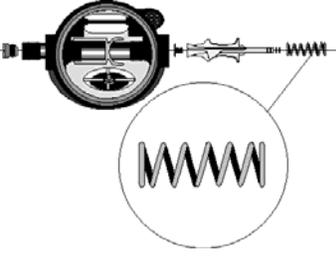
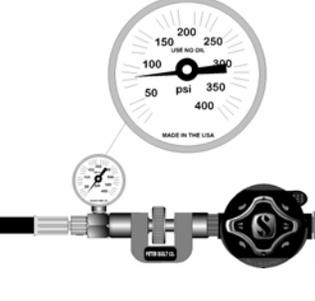
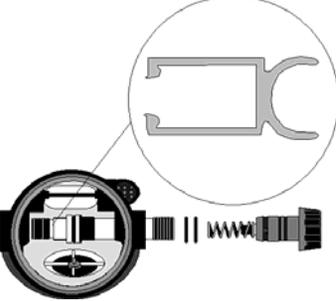
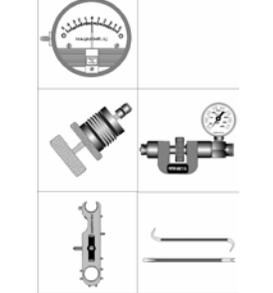
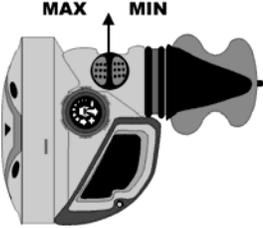
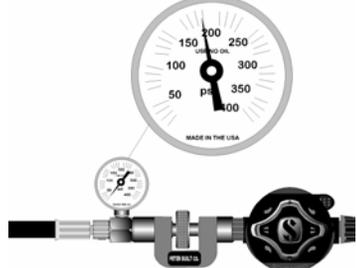
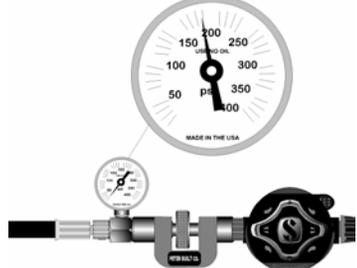
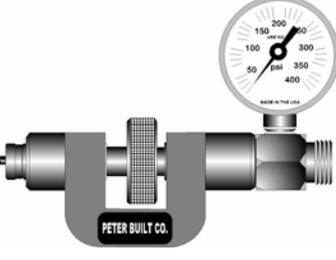


SCUBAPRO S600-S550 Second Stages Trouble Shooting Guide

| Symptom | Correction | Tools Needed | |
|--|--|--|--|
| <p>Continuous slow leak from second stage</p>  | <p>Readjust orifice or balance chamber</p>  | <p>Replace poppet, o'ring, seat or spring</p>  | <p>Various</p>  |
| <p>Continuous slow leak from second stage</p>  | <p>High IP – See first stage trouble shooting</p>  | <p>Balance Chamber tool/ Pneumatic adjustment tool</p>  | |
| <p>Inhalation effort is lower than specification</p>  | <p>Reset balance chamber</p>  | <p>Replace spring</p>  | <p>Various</p>  |

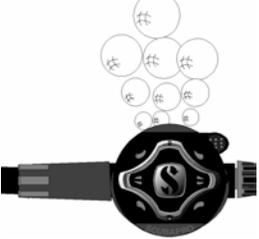
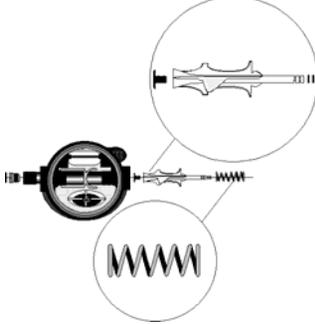
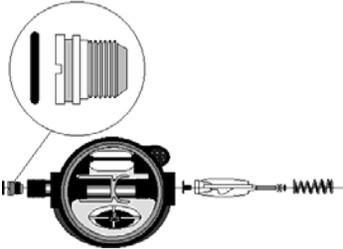
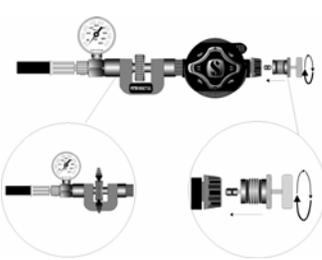
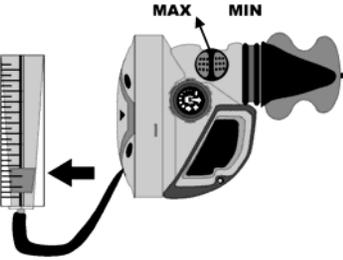
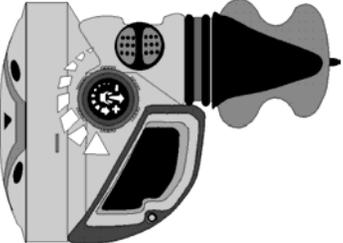
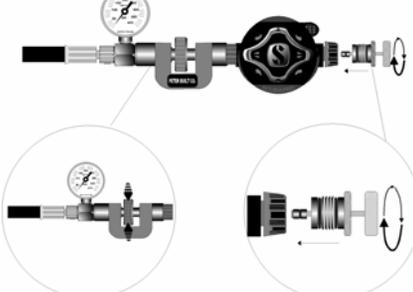
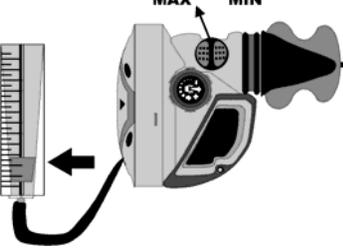
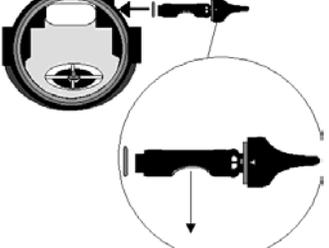
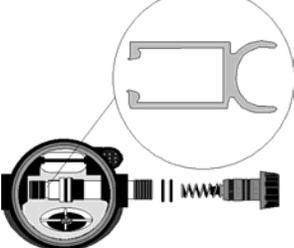


SCUBAPRO S600-S550 Second Stages Trouble Shooting Guide

| Symptom | Correction | Correction | Correction | Tools Needed |
|---|---|---|---|---|
| Inhalation effort is higher than specification | Retract adjusting knob or Plug (S550) against stop clip | Use a supply pressure of at least 1500 psi/100 bar | Reset orifice or balance chamber | Various |
|  |  |  |  |  |
| Inhalation effort is higher than specification | Replace spring | Increase IP – See first stage trouble shooting guide | Replace lever | Various |
|  |  |  |  |  |
| Violent free flow from second stage | Re-adjust VIVA control | High IP – See first stage trouble shooting guide | High IP – See first stage trouble shooting guide | Pneumatic adjusting tool |
|  |  |  |  |  |



SCUBAPRO S600-S550 Second Stages Trouble Shooting Guide

| Symptom | Correction | Correction | Correction | Tools Needed |
|--|---|--|--|--|
| <p>Violent free flow from second stage</p>  | <p>Replace poppet, o'ring, seat or spring</p>  | <p>Replace orifice/o'ring</p>  | <p>Readjust orifice or balance chamber</p>  | <p>Various</p>  |
| <p>VIVA does not provide continuous flow of air at the MAX setting</p> | <p>Retract adjusting knob against stop clip</p> | <p>Readjust orifice or balance chamber</p> | <p>Various</p> | |
|  |  |  |  | |
| <p>VIVA does not provide continuous flow of air at the MAX setting</p> | <p>Check VIVA vane for correct position – crescent facing diaphragm</p> | <p>Replace lever</p> | <p>Various</p> | |
|  |  |  |  | |