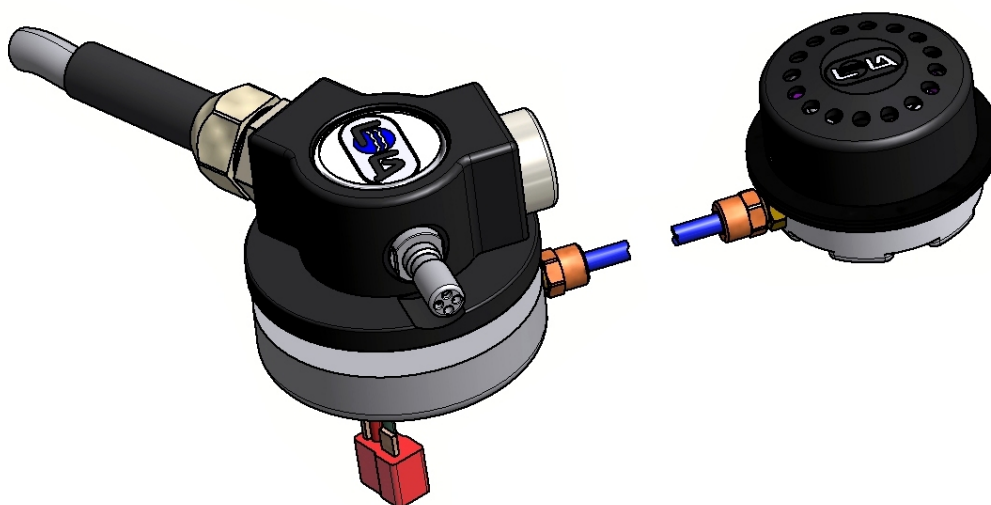


DSEP

DRY SUIT VALVE SET



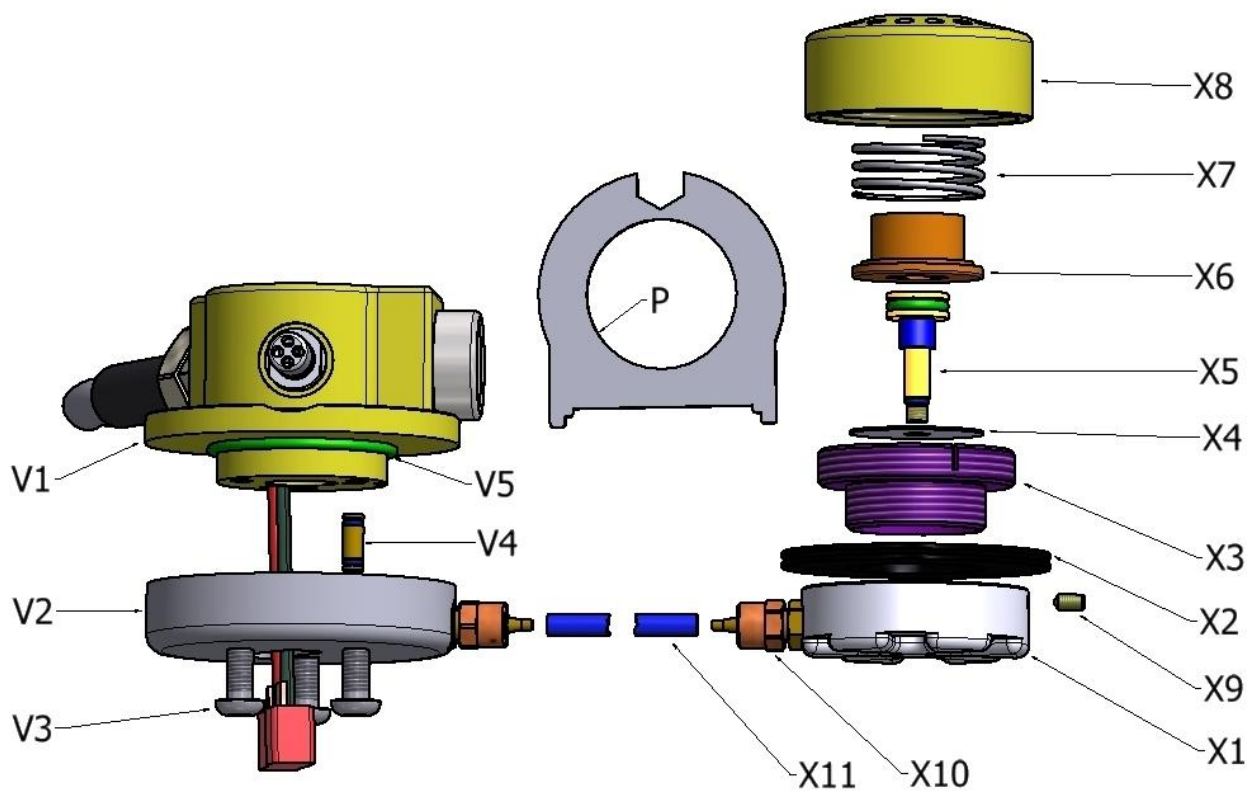
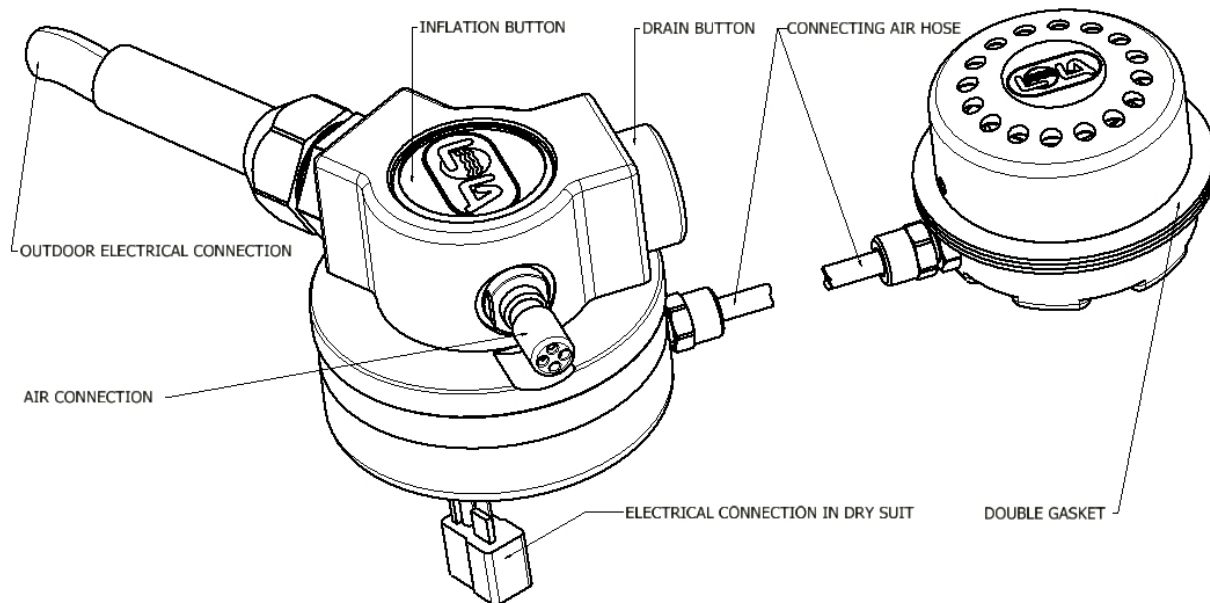
DSEP is a multifunctional valve set designed for dry diving suits. This set seamlessly integrates both the inflation and deflation of air into the suit, as well as the connection of the suit's heating system to an electrical power source.

The set for dry diving suits consists of a pneumatic inflation valve and a pneumatic deflation valve. These valves are interconnected by a hose and are designed to be securely attached to the diving suit.

The inflation process is identical to that of the majority of commonly used inflation valves for dry suits. A hose with a quick coupling is connected to a source of compressed air. For optimal functionality, the air source should be maintained at a pressure of at least 9-12 bars.

To release air, simply use the DRAIN BUTTON.

DSEP DESCRIPTION



1. In the first step, prepare an opening for the valve on the dry suit. Use the included tool "P" from the package along with a pencil and scissors (or optionally a hole punch with a diameter of 29mm).

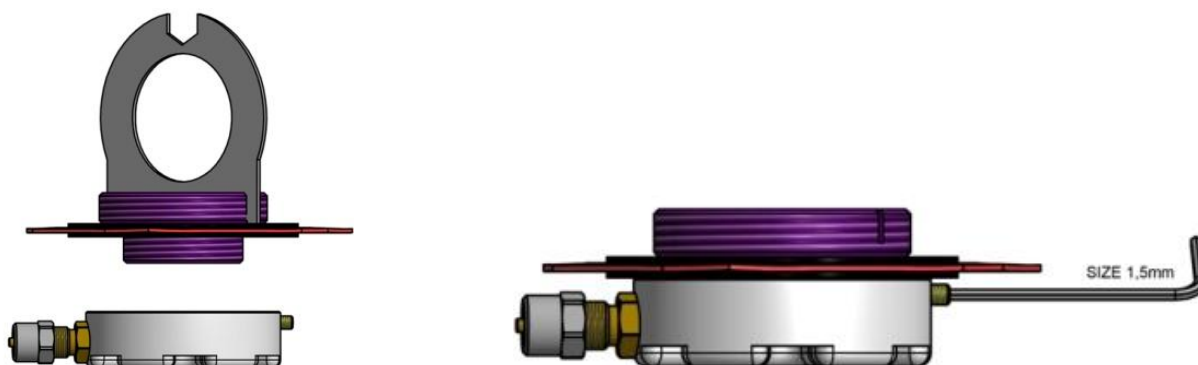
- ▶ Position the "P" tool as close as possible between the neck seal and the dry zipper. Trace the opening on the "P" tool with a pencil, and then cut out this opening (or use a hole punch).



2. In the second step, prepare the sealing cuff labeled X2. Thread this cuff through the cut opening so that the cuff surrounds the opening on both sides of the dry suit.

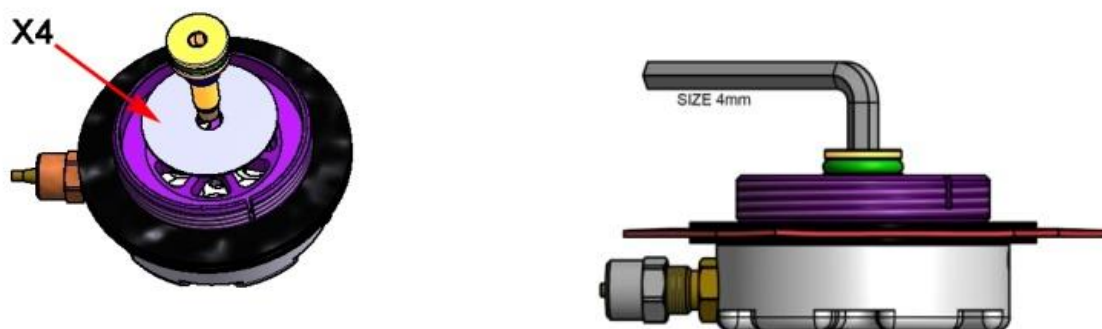
3. For the third step, gather parts X1, X3, X8, Allen key No. 1.5, and the "P" tool.

- ▶ Insert part X3 from the outside into the sealing cuff (X2).
- ▶ From the inside, insert part X1 into the sealing cuff (X2). It is crucial to hold part X1 in a position where the screw (X9), used to connect the connecting hose (X10), is directed towards the suit sleeve.
- ▶ Secure parts X1 and X3 together using the "P" tool. Place it in the grooves of part X3 and tighten both parts (X1 and X3) appropriately.
- ▶ Secure parts X1 and X3 against loosening with retaining screw X8. Tighten it using the Allen key.



4. For the fourth step, gather valve X4, Part X5, and Allen Key No. 3.

- ▶ Slide valve X4 onto part X5. Then, screw this assembly into part X1 using the Allen key and tighten it appropriately.

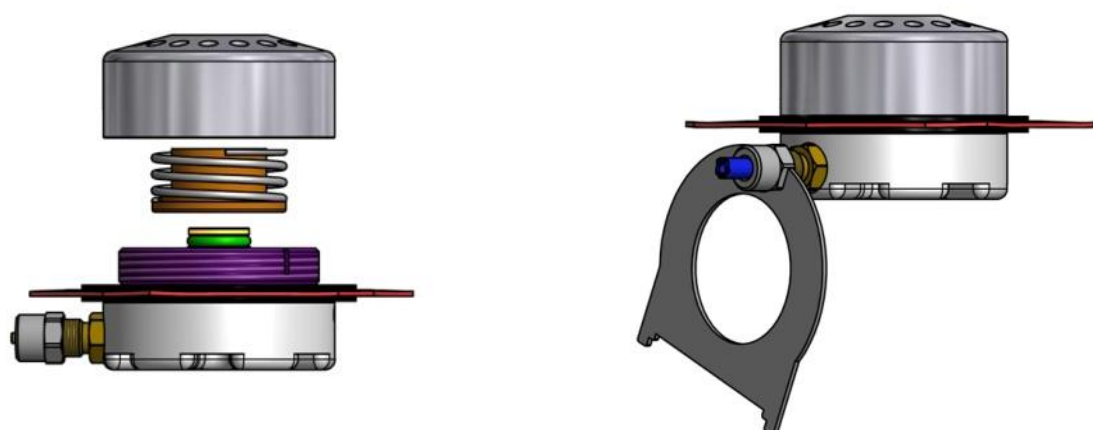


5. For the fifth step, gather parts X6, X7, and X8.

- ▶ Place part X6 onto part X5. Next, place compression spring X7 onto part X6. Finally, cover everything from above with lid X8, and screw it onto part X3.

6. For the sixth step gather connecting Hose X11, the Assembled Valve from Steps 1-5, and the "P" Tool.

- ▶ First, unscrew the nut from screw X10. Slide the nut onto the hose (X11). Insert the hose onto screw X10, and tighten it using the nut. To loosen or tighten the nut, use the „P“ tool.

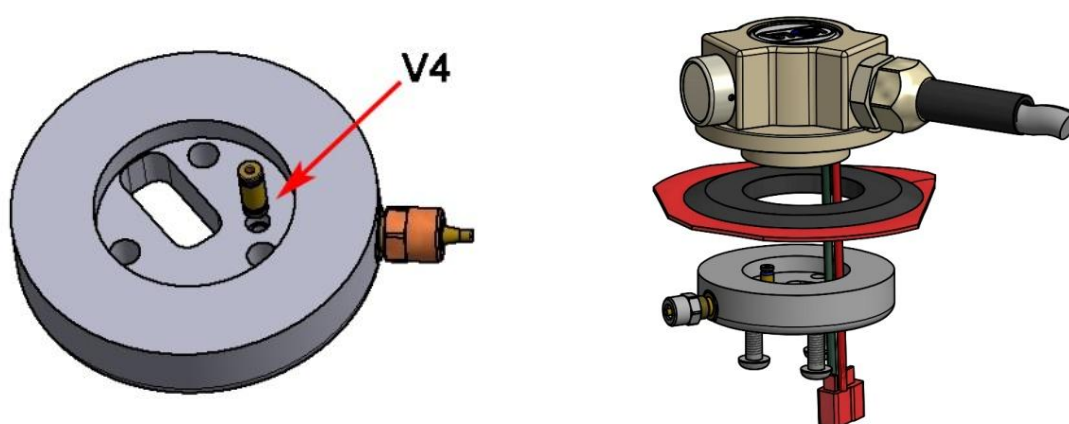


7. Remove the original inflator valve. If the opening is \varnothing 33mm (e.g., SEATECH valves), remove the spacer O-ring V5. If the opening is \varnothing 37mm (e.g., APEX valves), leave the spacer O-ring V5 on part V1. Then, insert the valve body V1 into the opening.

8. Insert part V4 into the opening in part V2. Thread the connector with the cable through the hole in V2.

► Carefully place part V2 onto part V1 so that screw X11 is below the deflation button (DRAIN BUTTON).

► Secure parts V2 and V1 together using three screws V3. Use Allen key No. 3 for this.



9. Trim hose X11 to the required length using a sharp knife. Ensure the cut is straight (90°). Proceed as in step 5.

► We recommend securing the hose to the suit using iron-on patches or, alternatively, using DUCT TAPE.

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