



Whale® Sanitation Pump

(BP0527/ BP0535)

Please read carefully before installation and use.

To the Fitter: Check that the product is suitable for the intended application, follow installation instructions and ensure operating instructions are passed on to the user.

To the User: Read the following instructions carefully.

Application: This pump is designed to pump water. Output capacity depends on installation conditions and pumping rate. Users should be aware that capacity may not be sufficient to cope with rapid influx of water.

If it is intended for use for any other purpose or with any other liquid, it is the users' responsibility to ensure that the pump is suitable for the intended use and, in particular, that the materials are fully compatible with the liquids to be used. With all applications, it is important that a system of safe working practice is applied to installation, use and maintenance.

Mounting Instructions BP0527 (Bulkhead)

1. Select a suitable position where the pump can be operated efficiently and comfortably with the full movement of the handle

obtainable. The top cover should be readily accessible in case of choking. The pump will work in any part of the boat and the flow direction can be changed, as overleaf, to increase the options available.

2. Mark off and drill 4 holes for the mounting bolts.

3. Complete the installation using 6 mm (¼") bolts.

4. Attach 38 mm (1½") hose to the inlet and outlet branches making sure that an airtight seal is made.

5. The suction pipe should be arranged so that it will not suck against any flat surface. A Whale strum-box is available for this purpose and to help clear the last drop of water.

6. The outlet pipe should be terminated at a skin fitting well above the water line preferably in the transom. It is considered advisable that a sea cock is incorporated in the line to eliminate the risk of syphoning back.

7. Test the installation for air leaks, correct priming and discharge.

Mounting Instructions BP0535 (Underdeck)

1. As instructions for BP0527.

2. Mark off and drill the large hole and 8 small holes. (If the handle seal is not required drill 4 holes for the mounting bolts and cut a slot to clear the

rocker arm).

3. Complete the installation using the eight 6 mm (¼") countersunk screws. Fit 2 screws through seal, bulkhead and pump. Fit 4 screws through seal and bulkhead, 2 screws through bulkhead and pump.

The rubber seal should fit lightly over the pump rocker arm.

4. Attach 38 mm (1½") hose to the inlet and outlet branches making sure that an airtight seal is made.

To change the direction of flow (All models)

Remove the 8 assembly screws, and reassemble the pump as required. The valves should not be removed from the body. The outlet should not be put in line with the pump.

To change the rubber parts

1. First remove the top cover, the body and the rocker arm nut.

2. The old diaphragm can now be replaced and the rocker arm nut put on finger tight. (Both diaphragm plates should have the rounded edge towards the diaphragm).

3. Remove the old inlet valve and plate and replace with new.

4. Unscrew the 4 screws around the outlet branch, remove the old valve then replace with new, securing

it with the 4 new screws provided.

5. Reassemble the body on to the rear cover and fully tighten the 8 assembly screws and rocker arm nut.

6. Remove the old seal from the top cover, replace with new and screw firmly on to the body.

Note: The outlet valve can be replaced without removing the pump body.

If the pump fails to prime or chokes, check for:

1. Air leaks or blockages in the inlet hose and its connection to the pump.
2. A torn diaphragm.
3. Dirt under the valves or distorted valves.
4. Collapse of the inlet hose during the suction stroke.

Spare parts

A range of spare parts are available in kit and assemble form and are available from your chandler or by return post direct from our factory.

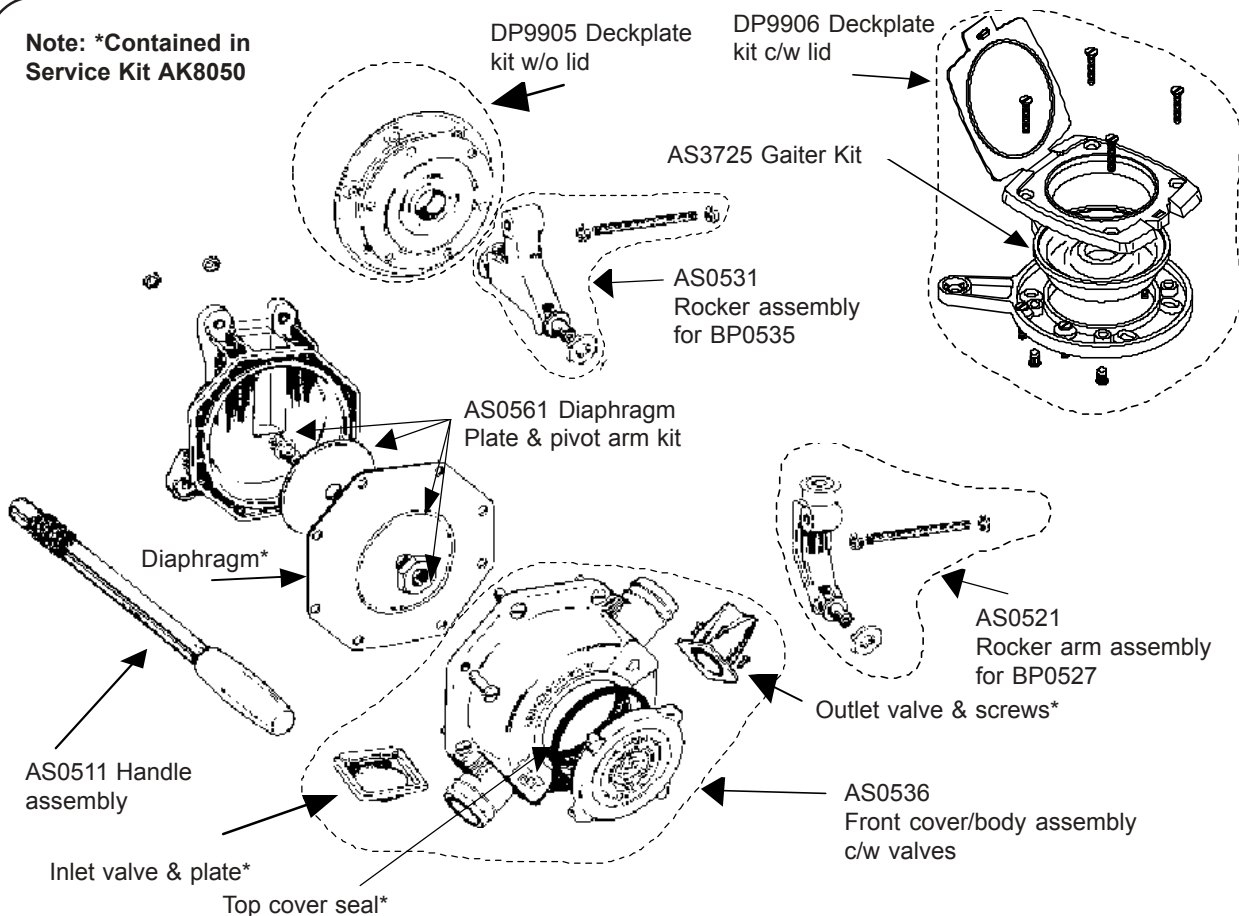
Extra equipment available:
 Watertight seal for under-deck model (DP9906)
 Skin fitting for 1½" (38 mm) (SF5425)
 Top (SB5865) & side (SB4222) entry strum-box/ bilge strainer
 2 way diverter valve 1½" (38 mm) (DV5606)
 right angle bend 90° elbow 1½" (38 mm) (EB3488)
 "Y" piece (YP6114)
 In-line non-return valve (LV1215)

Warranty

Whale Sanitation pumps are guaranteed for 5 years (excluding rubber parts) from date of purchase against defects in materials and workmanship. If the unit proves faulty, return it to your supplier with proof of purchase and purchase date.

The manufacturer retains the right to repair or replace the unit. The manufacturer cannot be held responsible for claims arising from incorrect installation, unauthorised modification or misuse of the product. The above does not affect your statutory rights.

Note: *Contained in Service Kit AK8050



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