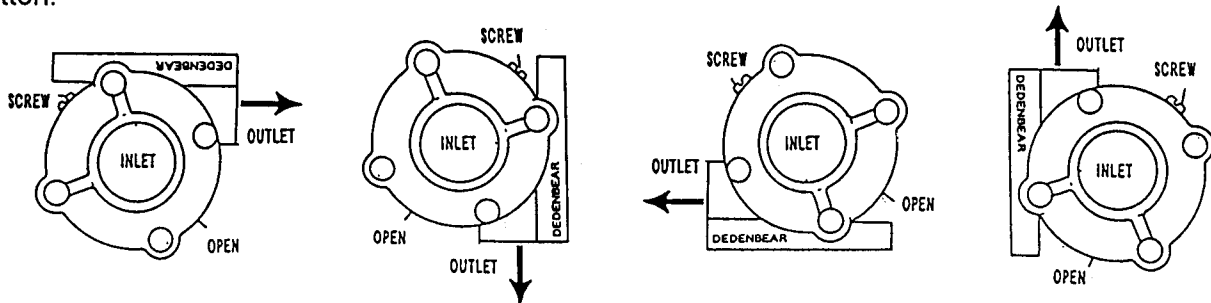


- 1) Mount the water pump with two 5/16 bolts. The pump can be mounted in any position, but the ideal situation is to mount the unit horizontally with the centerline of the motor parallel to the frame so that the water inlet points to the front. The pump should be mounted as low as possible. Make sure that the water runs into the pump inlet during acceleration instead of away from the inlet.
- 2) The #8 brass screw that is screwed into the housing near the motor can be put into two different holes. It should be put into the position that is at the top of the pump to prevent dust from getting down into the seal area. The lower position is left open to act as a weep hole, allowing water to escape if the seal starts to leak (see drawing). If the pump is mounted vertically, the screw can be put in either position or left off altogether. The brass bleed valve allows you to bleed any air out of the pump merely by pressing the button.



- 3) The water pump has the capability to connect to two different types of inlet hoses. If you want to use braided hose, the inlet housing has been tapped for a 3/4 inch NPT pipe thread. #12 to #16 hose is recommended for the inlet side of the pump and a thread sealer should be used on pipe connections. If you wish to use 1-1/4 inch radiator hose (standard VW), simply slip the hose over the inlet and secure it with a hose clamp.
- 4) The outlet of the pump has been tapped for a 3/4 inch NPT pipe thread only. #10 to #12 hose is sufficient on the outlet side of the pump (the larger the better). Using thread sealer, connect the outlet hose to the pump and plumb the line to the engine.
- 5) Connect the wiring. Ground the black wire and connect the red wire to switched +12 volts through a 10 amp fuse.
- 6) To make a clean installation, the Dedenbear WH-1 or WH-2 Water Headers simplify the engine plumbing and provide equal cooling flow to each bank of the engine. This is not always the case with hoses, elbows, tees, etc. Using the Dedenbear ET-1 Expansion Tank will also greatly increase the performance of the cooling system by removing air from the system.

WARRANTY

Dedenbear Products components are warranted by Dedenbear Products against defective material or workmanship under normal use and service for a period of ninety (90) days after purchase. Dedenbear Products will repair or replace the defective unit, at Dedenbear Products option, free of charge. This warranty does not cover any damage to the component caused by abuse, mishandling, alteration, accident, electrical current fluctuations, failure to follow installation/operating instructions, maintenance, storage and environmental conditions, or repair attempts made by anyone other than a Dedenbear Products Authorized Service facility.

DEDENBEAR PRODUCTS SHALL NOT BE LIABLE FOR INJURY, CONSEQUENTIAL, OR OTHER TYPE DAMAGES RESULTING FROM THE USE OF ITS PRODUCTS, OTHER THAN THE LIABILITY STATED ABOVE.

This warranty is in lieu of all other warranties of merchantability or fitness of use. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

For service on all Dedenbear Products, return directly to:

DEDENBEAR PRODUCTS, INC. • ATTN: REPAIRS • 1917 OAK PARK BLVD. • PLEASANT HILL, CA 94523.

For faster service, please include a note describing the nature of the problem, your name and daytime phone number, return shipping address, and a copy of your original invoice.