



INSTALLATION INSTRUCTIONS

1917 Oak Park Blvd. • Pleasant Hill • CA • 94523
(925)935-3025 • FAX (925)935-2287

Electric
Water Pump
WP-1 & WP-2

- 1) The water pump has the capability to connect to three different types of inlet hoses. If you want to use braided line, the inlet elbow has been drilled and tapped for a 1" pipe thread. If you are using Chevy radiator hose (1-3/4 inch inside diameter) you can slip it directly over the inlet elbow. If you are using a Volkswagen radiator hose (1-1/4 inch inside diameter) an easy modification to the inlet elbow will need to be made prior to installation — remove the elbow by removing the four socket head screws. Take a hacksaw and cut off the end of the inlet, then deburr the cut off part with a file. Reinstall the elbow.
- 2) Remove the old water pump and scrape the gasket surface clean.
- 3) Flush the block. If any block sealer has been used, the system must be flushed prior to installation. Make sure the cooling system is free of rust, scale, sediment and corrosion. **IMPORTANT: Do not use "block sealer" or radiator "stop leak" in this pump.** It may cause damage to the seal.
- 4) Install new gaskets and mount the Dedenbear pump on the engine using your bolts and the four supplied flat washers (NOTE: the pump inlet is in the stock location). Check for clearance between the pump body and the timing gear cover.
- 5) Install the inlet hose of your choice, using a hose clamp to hold it in place if you are using a rubber hose. If you are using braided line, install the fitting using a thread sealer.
- 6) Connect the wiring. Ground the black wire and connect the red wire to switched +12 volts through a 10 amp fuse or circuit breaker.
- 7) Remove the top radiator hose at the engine, tip it up and fill the system slowly by pouring water into the engine. When water runs out of the top radiator outlet, reconnect the hose.
- 8) Turn on the pump for short bursts of time and let the water circulate. Top off the engine each time. The purpose of this is to remove all of the air from the system. Because the pump is a high performance design, it does not tolerate air trapped in the cooling system. If you are using a radiator without an upper and lower tank, such as a Volkswagen or late model Chevrolet, it is recommended that you install an expansion tank (available from Dedenbear). Please refer to the Dedenbear Products cooling system technical brochure for more details.
- 9) If the pump motor runs but the water doesn't circulate, the system is "air locked." To correct this, press the bleed valve button at the front of the pump. This bleeds the trapped air out of the pump cavity and allows the pump to work properly.

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.