



VICTOR SERIES ALUMINUM WATER PUMPS
for Chevy Gen III & IV V8 Engines
Part #8896 & #8897
INSTALLATION INSTRUCTIONS

PLEASE study these instructions carefully before beginning this installation. Most installations can be accomplished with common tools and procedures. However, you should be familiar with and comfortable working on your vehicle. If you do not feel comfortable performing this installation, it is recommended to have the installation completed by a qualified mechanic. If you have any questions, please call our **Technical Hotline at: 1-800-416-8628**.

IMPORTANT NOTE: Proper installation is the responsibility of the installer. Improper installation will void your warranty and may result in poor performance and engine or vehicle damage.

DESCRIPTION: The Edelbrock 8896 is a two piece insert style water pump for 1997-2007 GM Gen III LS1 and Gen IV LS2 engines with 2004 and later two piece Thermostats (GM PN 12600172 includes seal and thermostat). The pump is externally the same as original equipment pumps to provide compatibility with all accessories and pulleys. It offers weight savings along with increased durability and cooling potential. The #8897 is a replacement insert service item for the #8896. **NOTE:** This pump is primarily intended for LS1 and LS2 engines but it can also be used for engine swaps with iron truck engine blocks in the same family (LM, LQ, LR). However, truck engines equipped with a stock clutch fan will need to be converted to use the Camaro or Corvette front end accessories and brackets.

INSTALLATION: Installation is the same as for original equipment water pumps. Consult service manual for specific procedures, if necessary. LS1 engines will need to use the 2004 and later LS2 thermostat referred to above.

CAUTION: Be sure that fan bolts don't protrude through the hub so far that they hit the water pump housing. Check closely for any interference with drive belts; some filing for clearance may be necessary with some applications.

ADDITIONAL ACCESSORIES: This aluminum water pump requires a bolt-on style aftermarket pulley and is not compatible with the stock pulley. A hard anodized billet pulley is available separately as part #8898. A replacement insert for the hub, bearing and rotor assembly is also available as part #8897. This is a direct replacement for the rotor assembly included in the pump.

KIT CONTENTS:

- (1) - Two Piece Water Pump Assembly
- (1) - Brass Fitting; 3/8" NPT x 5/8" Hose Barb
- (1) - Brass Fitting; 1/2" NPT x 3/4" Hose Barb

WARNING

Incorrect alignment or an unbalanced condition puts excessive strain on the pump's shaft and/or bearing and will result in early failure of the shaft and/or bearing. The balance of the assembly depends primarily upon the concentricity of the fan clutch and spacers with the pump shaft. Concentricity is not assured when universal type clutches or spacers are used. Universal fan clutches and spacers have a 3/4" pilot hole, so an adapter must be used when installing a water pump with a 5/8" shaft. This adapter bushing is supplied with the unit. These adapter bushings add to the machine tolerances of the assembly, so special care must be taken to maintain concentricity with the shaft and the fan clutch. Failure to do so will void warranty. **The use of aftermarket (non-OEM) fan spacers are not recommended and will void the warranty of the water pump.**

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