

h the sheetmetal impeller. Chevy's h-buck aluminum Bow-Tie pumps (part 14011052) still have cast-iron sellors, you can also buy separately a not shaft iron impeller (Morson No. 130, which can be rearried to fit 3-moh tifs) and have it pressed onto the mp in place of the sheetmetal unit. But there's an easier way. The Brassriks has introduced brand-new, life-

THE BRASSWORKS' HIGH-PERFORMANCE WATER PUMP CAN KEEP YOUR HOT CAR COOL

enclosing one side of



the block at 3500 pm is also increased from 1 pg is to 7 ps. Together, the volume and pressure increases help eliminate steam pockets that tend to accumulate in the water lacket's comers.

Applications to fit most big: and small-block Chey long and short water pumps are available from The Brassworks, including special chromed and aluminum versions. But Chevya aren't the only engines suffering from poorty designed impeliers—the same impeller edigin fillsw is present or many other makes, and The Brassworks disc fix works for 'the other guss' of offerings. most Ford, Mopar, Pontiac, AMC, and Jeep V6 engines. Olds and Pontiac aren't covered because the factory designed the pumps correctly to begin with, and they're almady as good as they

## SACE LOGO ITEMS

The items below are available for sale. Send U.S. funds to:

SACE

c/o George & Dickie Marra 13239 Elderberry Lane Grass Valley, CA 95945

(916) 273-8016 Pacific

\$12.50 T-shirt (XL-L-M-S)

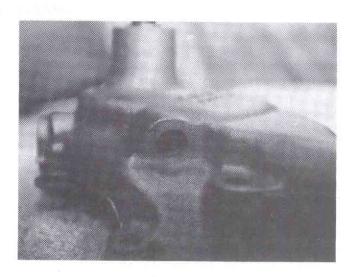
\$ 3.00 Jacket Patch

\$ 3.00 Hat Pin

\$1.00 NEW WINDOW STICKER

PRICES INCLUDE POSTAGE.

## WATER PUMPS 911 = 493 = 609



he 911 was used on 1955-56 Corvette, what I mean to do, is show you how you can tell a correct part besides checking the number #911 = the water outlet for the heater is a 3/8 pipe thread, the top area has no boss for a added water outlet that later pumps do, the rear plate is a flat steel one using flat slot screws, also the front neck where the shaft comes out you will find one hole at the top and two holes at the bottom. Comments = 1955 and early 1956 used the same heater unit, they also used a heater shut-off brass valve in line on the heater hose, the intakes water inlet were also a 3/8 pipe thread (you may often see a 1957 intake on a 1956 that is using a reducer installed to make its 1/2 inlet down to 3/8).

The 493 was on 1957-60 Corvette, #1 the water outlet for the heater is now a 1/2 pipe thread, the top area has a boss for a added water outlet that later pumps will use in 1961-62. The rear plate is also a flat steel, and you will still see three holes at the front area.

The 609 was used on 1961-62 Corvette. #1 the water outlet for the heater is a 1/2 pipe thread, the top area now has an added 1/2 pipe outlet, the rear plate is a thin steel using hex-head bolts, and you will only find one hole at the front (bottom) area.

It is important to know that a replacement pump being used on an early Corvette may cause a heating problem because the pump impeller inside has more blades added to decrease water flow in the system, which in turn does not flow the water in the radiator correctly to cool the water. I hope this will help owners understand more about there pumps.

- Editor Roy