

PCM Service Update

#SUP2003-01

6.0L Raw Water Drain Locations

March 2003

Engines Affected: 6.0L MPI (ZR6)

The following will address the proper procedure to drain the raw water section of the cooling system on the 6.0L engines.

IMPORTANT: The fresh-water section of the cooling system must be kept filled year around with recommended coolant. Make certain that the cooling system is protected with an ethylene glycol antifreeze mixture properly mixed to protect the engine to the lowest temperature that it will be exposed to.

IMPORTANT: Drain sea-water section of the cooling system only. Refer to the illustration on the next page for specific locations.

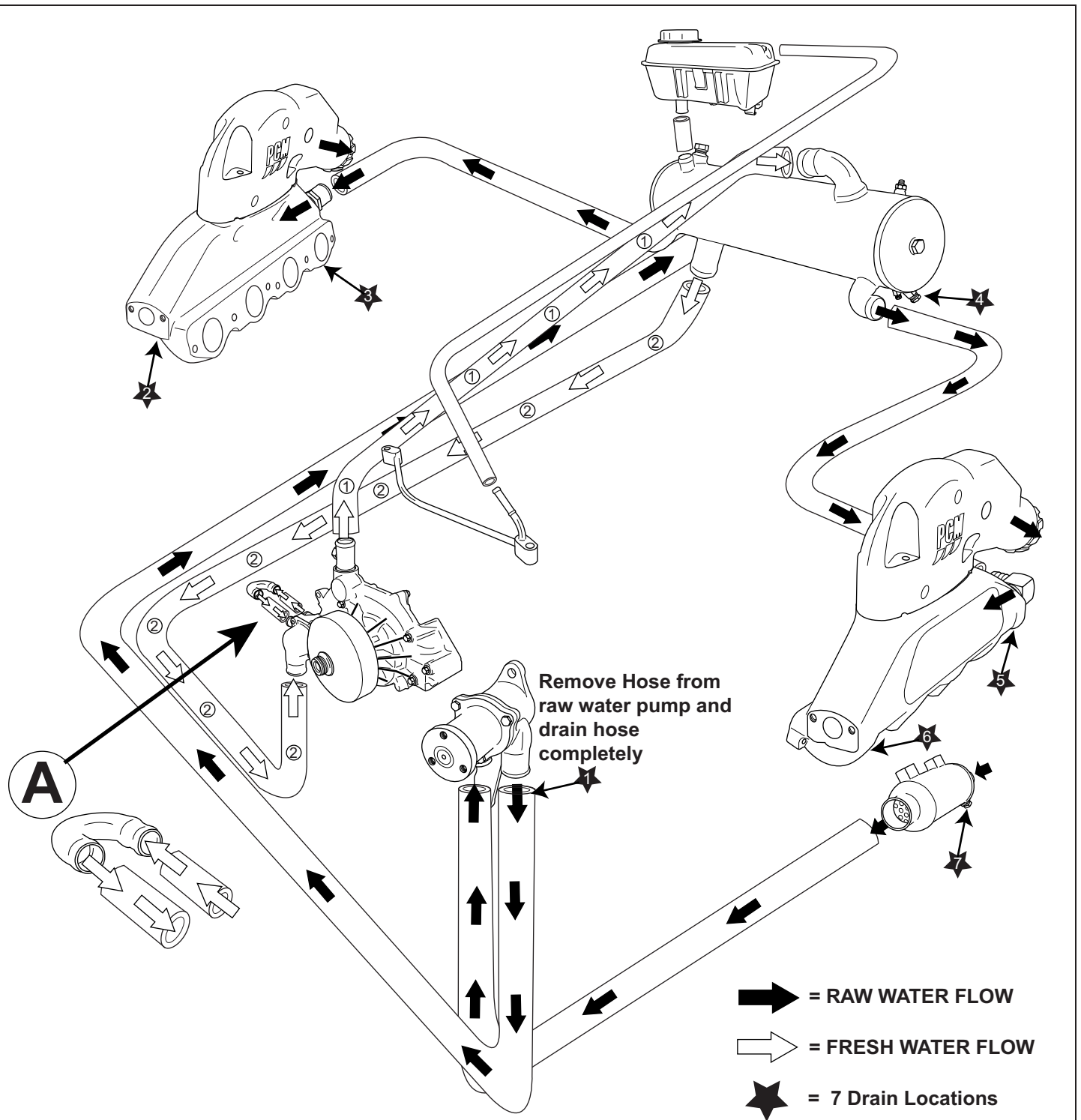
1. Remove all the drain plugs from the following locations:

- Heat Exchanger - one on outboard side
- Exhaust Manifolds - remove drain plugs on bottom of manifolds, two on each side
- Engine Cooler - one drain plug

2. Remove the hose from the outlet side of the sea-water pump and drain the hose completely.

3. Crank the engine over once to purge any trapped water in the sea-water pump. DO NOT allow the engine to start.

Published by Pleasurecraft Engine Group Training Services. Pleasurecraft's policy of continued improvement creates dated information and necessitates changes in procedures, specifications and methods used in trouble shooting and repair. In the event you have any questions regarding any of our products, the most up to date information may be obtained by contacting our service department to insure that any published information in your possession has not been updated. The information in the publication is believed to be true and correct at the time of publication. This publication is for informational purposes only and does not constitute a guarantee or warranty or in any way change or modify the written warranty, which is attached to PCM Products at the time of sale. The knowledge of this publication, the information revealed herein and/or the possession of this publication grants no license or authority to anyone to perform any action or make any statement or commitment, beyond the specific instructions stated herein, in behalf of or in the name of Pleasurecraft Engine Group. It is the sole responsibility of those using the information contained herein, to follow industry standard and common sense safety procedures when using the information contained herein and those using the information contained herein agree to defend and hold Pleasurecraft Engine Group harmless in all cases where injury and/or damage may occur during the use and/or application of the information contained herein.



IMPORTANT: Accessory (i.e. heater, hot water tank) Hook Up

A tee may be inserted anywhere in the specified hose for most appropriate routing.

HOSE ① - Water OUT to heater or hot water tank

HOSE ② - Water RETURN from heater or hot water tank

NOTE: Location **A** is the cooling system bypass. This bypass hose **MUST NOT** be tampered with. **DO NOT** hook up any external accessories (i.e. heaters, hot water tanks) at this location.