



Fig.77 Fuel Pump

15. MAINTENANCE OF V-DRIVE UNITS

a. General

(1) The Universal V-Drive unit is incorporated into the Atomic, Unimite, Bluefin and Knight models, and is designed as an integral part of the engine. The unit is directly coupled to the engine by a spline shaft and coupling.

(2) The V-Drive unit is a self-contained, non-adjustable, water-cooled unit. Water cooling is accomplished by direct connection to the main water supply of the engine.

(3) The unit requires no adjustment and very little maintenance with the exception of proper lubrication and the maintenance of proper water circulation.

b. Lubrication

(1) The unit must be kept filled to the full mark on the bayonet stick. Use a good grade EP-90 universal gear lubricant.

CAUTION

New units shipped from the factory do not contain lubricant. Fill and check unit carefully before starting engine.

(2) After the first 50 hours of operation, drain unit and refill to full mark on the bayonet stick. Clean magnetic drain plug before refilling.

(3) Change lubricant every 500 hours of operation.