A. INTRODUCTION (See Figure 1).

The 71C and 72C V-Drive transmissions consist of a planetary gear set and multiple disc clutches.

Hydraulic pressure is provided by a crescent type pump. The pump is driven at engine speed by the input shaft. Oil from the pump is sent to the control valve. The control valve positions are forward-neutral-reverse. An internal regulator valve controls system pressure. Oil discharged by the regulator valve is sent to the oil cooler.

The V-Drive gearbox contains a set of spiral bevel gears and drive gears (or drive chain).

B. DIRECTION OF ROTATION (See Figure

Gear Drive. The output shaft on all gear dri model 1004- and 1005- V-Drive transmiss rotate in the same direction as the engine with shift lever placed in forward, toward the engin

Chain Drive. The output shaft on all chain dri model 1004- and 1005- V-Drive transmissi rotate in the opposite direction as the engine the shift lever placed in forward, toward the eng

The shift lever on all model 1004- and 1005 drive transmissions must be placed in forw toward the engine, when moving forward.

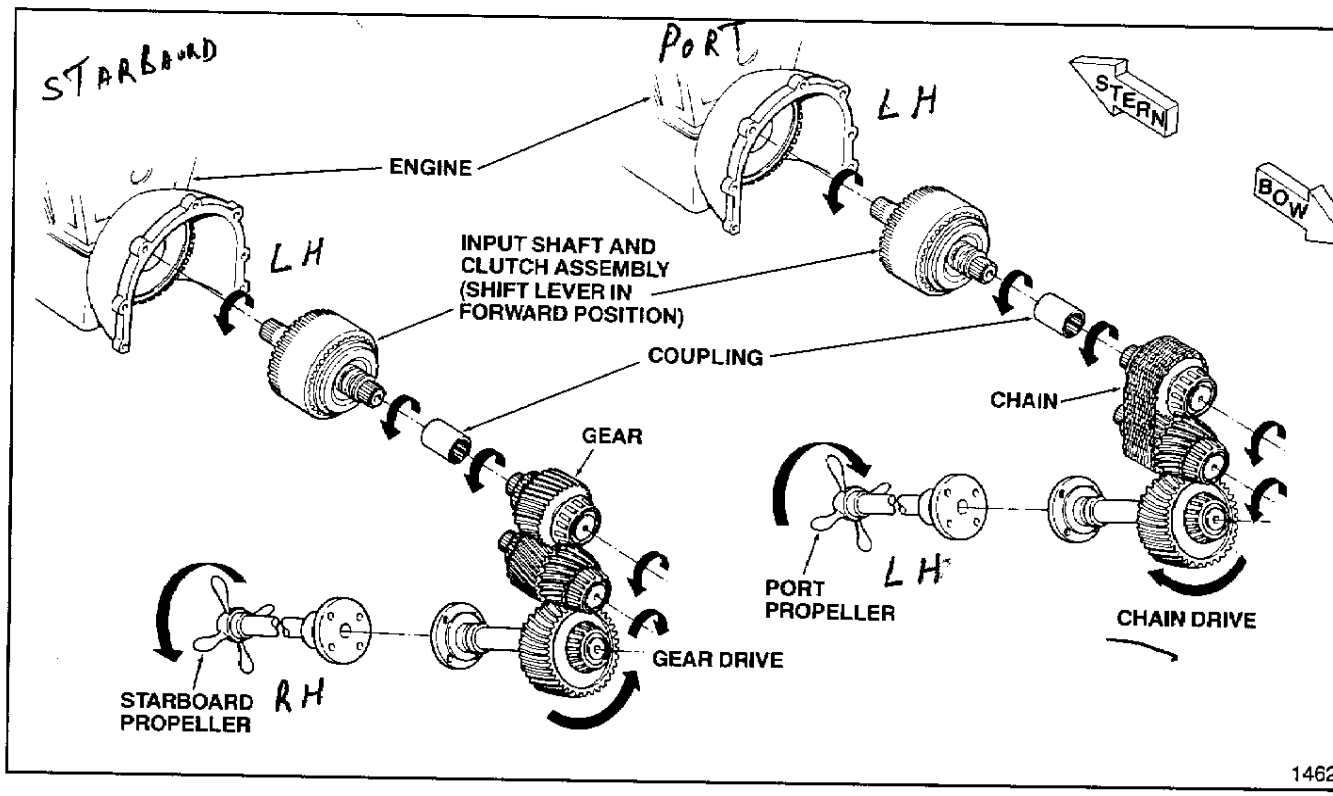

Figure 2. Direction of Rotation for Typical Installation