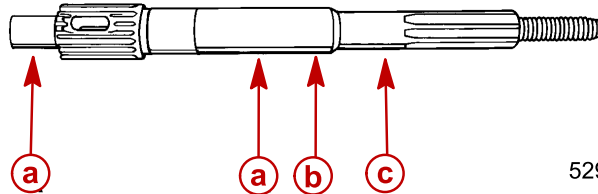




4. Inspect bushing surfaces of propeller shaft for pitting or wear. Replace shaft and corresponding bushing if wear or pitting is observed.
5. Replace shaft if any of the following exist:
 - a. Splines are twisted or worn.
 - b. Oil seal surface is grooved.
 - c. Shaft has a noticeable “wobble” or is bent more than 0.006 in. (0.15mm).



52997

a - Bushing Surfaces

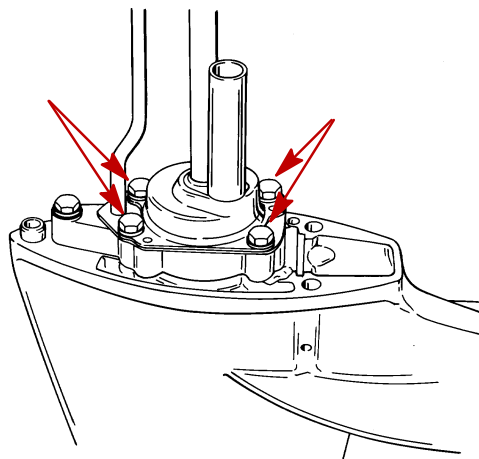
b - Oil Seal Surface

c - Measure Here for “Wobble” (When measuring shaft for wobble, use v-blocks and support at bushing surface)

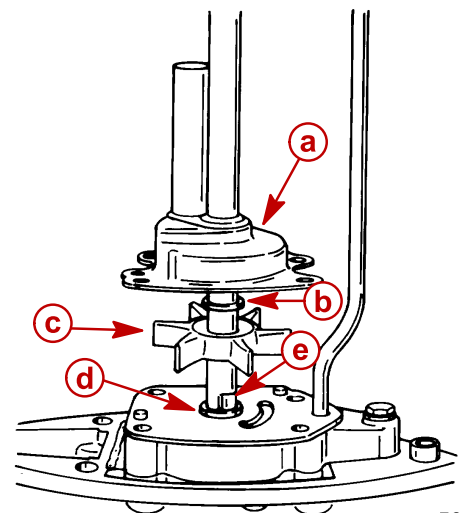
Water Pump, Drive Shaft and Shift Shaft

1. Remove 4 bolts from pump cover.
2. Remove cover, nylon washers (above and below impeller), impeller and drive key from drive shaft.
3. It is recommended that impeller be replaced whenever gear case is being serviced.

NOTE: If impeller is not going to be replaced, DO NOT install impeller in reverse rotation to its original state as vanes have taken a set. Vanes will crack and break shortly after out-board is returned to service.



53023



53048

a - Cover

b - Nylon Washer

c - Impeller

d - Nylon Washer

e - Key