#### SERVICE MANUAL WATER PUMP AND THERMOSTAT

Section 10 Page 9

#### WIXTER PURP - Continued

- RECONDITIONING Continued
- Визментру
- 64. Install the hord seal (11) and the housing (4) against the retaining ring (10).
- 15. Lightly lubricate the seal surface of the wear Market (1925)
- 66. Install the wear steems (12):
- 17. Install the pulley hub-(13) onto the shuft (1).
- 18. Apply clean-engine oil to the threads and install. the flange lock nut (1-4). Tighten the shaft to the "SPECIAL TORQUES" by turning the internal hex at the end of the shaft, while hosting the rul.
- 19. Install a new O-ring (16) (It applied) on the water pump seal (3) and gress mis the bearing housing 18), unimprise water pump usual restallation tool. (Since Cotal W. Pigure 18.1%.
- 25. Apply two small drops of LocateT 250 to the shaftoociant seal joint. Space each drop 1801 Alberta.



Figure 10.13. Bearing Inqueing with Groove and Coolant Seal with "D" Ring.

- 1. Groove 3. Coolers See
- 2. "D" Fling 4. Bearing Housing
- 21: Support the shaft at the front and and push the housing down by hand.

22. Press the impoller onto the shaft supported on the front and as shown in Figure 10, 14.

NOTE; Prior to full instafation of the impelier. place two 0.008 in. (0.71 mm) feeler gauges. umder the impeller.

23. Verify impeller to housing cleanance as follows:

#### IMPORTANT

USE A SLEEVE FIGURE 15.16 UNDER THE PRESS RAM WHEN PRESSING ON THE IMPELLER BECAUSE THE SHAFT WILL PROTRUDE SUIGHTLY ABOVE

a. With the feeter gauge in place, press the impeter until the healer pauges are onus. Refer to Figure 10.14.

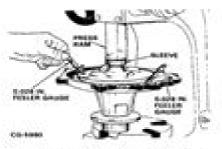


Figure 10.14. Press on Impeller and Check. Impeller to Housing Clearance

b. Refer to the "SPECIFICATIONS" for encelled to housing clearance.

#### \* INSTALLATION

1. Using a new postert, place the pasket over the water gump housing gowells. Refer to Figure 90.15.

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# Perkins 1300 Series Edi Wiring Manual

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