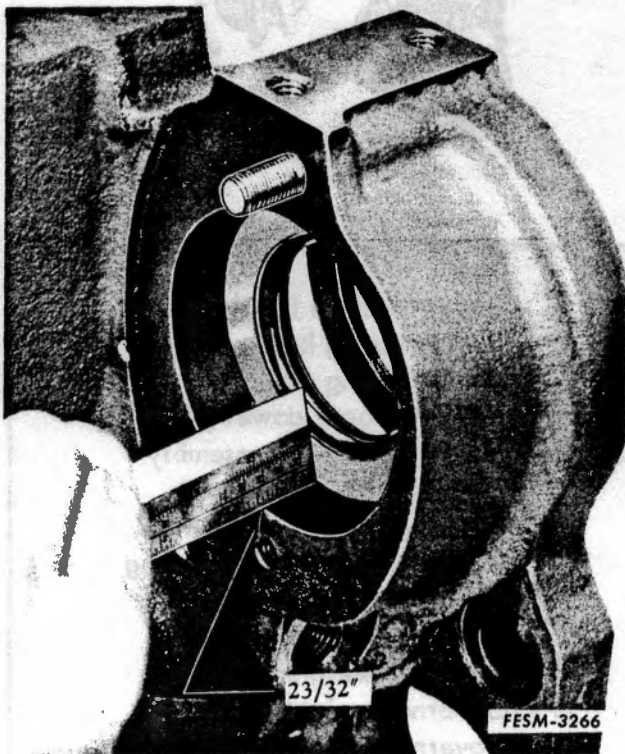


Care must be taken in the reassembly of the governor rockshaft, rockshaft fork, bearings and seal to insure uniformly smooth movement of the rockshaft from one extreme of movement to the other. Lubricate the rockshaft oil seal thoroughly upon installation. Some slight friction resulting from drag of the oil seal on the shaft is unavoidable, but friction from any other source must be held to a minimum.

Any rough, jerking movement of the rockshaft must also be eliminated to prevent surging and erratic governor action.

Governor shaft end clearance is adjusted by placing 0.020 inch thickness of feeler gauge stock between drive gear and governor base when pressing the gear on the assembly. After gear is pressed in place, the end clearance should be within the range of 0.020 to 0.025 inch.



INSTALLATION AND ADJUSTMENT

Install the governor - ignition drive oil seal with seal lip facing forward; the seal must be square in the crankcase bore and positioned $23/32$ inch in from the ignition mounting flange face. The seal mating surface on the outside diameter of the gear hub must be smooth and free of cuts or scratches to prevent rapid wear or damage to seal lip. Any sharp edges on gear hub slots should be removed to prevent damage to seal during installation of governor assembly.