



Medium Duty Series  
Eaton® Motor  
Model 74300  
w/ Speed  
Sensor

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Replacing and Setting

- 1) Move up locknut, washer and o-ring onto speed sensor to allow full exposure of sensor threads as possible. See Figure 1
- 2) Align a piston with the center of the sensor port. See Sensor Port View Figure 2.
- 3) By hand, lightly thread speed sensor body into the housing until the sensor touches against the motor piston. Do not force the sensor against the piston, damage may occur. See Figure 3. Verify the sensor has contacted the piston before the washer touches the housing.
- 4) Position sensor by turning it out (CCW) until sensor alignment notches are at a right angle  $\pm 3^\circ$  to motor centerline and then back out sensor one full turn or 360°. Retain sensor at this position and torque locknut to 8,5-14,1 N·m [75-125 lbf·in]. See Figure 4.

