(Testing with gauge removed from the instrument panel)

1. Viewing the gauge from the rear, orientate the three mounting tabs, 1, on the gauge as follows, upper right, lower right and lower left respectively.
2. Using an ohmmeter, measure the resistance between the upper left and lower left pin sockets. Do not touch the case with the leads when making this measurement. The measured resistance between the sockets should be between 106 to 124 ohms.

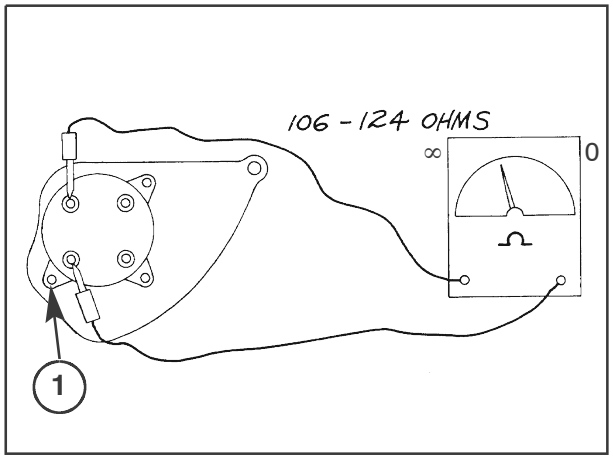

Figure 3-149

3. Using an ohmmeter, measure the resistance between the upper left and upper right pin sockets. Do not touch the case with the leads when making this measurement. The measured resistance between the sockets should be 360 to 420 ohms.

   If the resistance measured, is outside the ranges, or a open circuit is measured, the temperature gauge should be replaced.

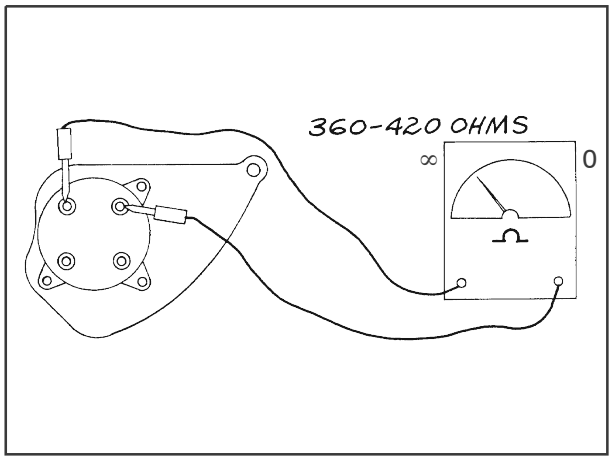

Figure 3-150

TACHOMETER REMOVAL

Remove the retaining screws, 1, from the tachometer face. Using a long bladed screwdriver and working through the opening provided by the removal of the temperature or fuel gauge, pry the tachometer pot from the connecting pins and remove the tachometer assembly from the panel.

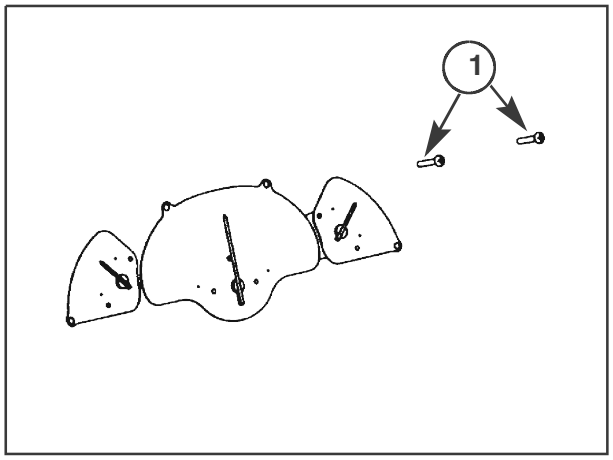

Figure 3-151

TACHOMETER TESTING

(Testing the tachometer removed from the instrument panel)

1. Viewing the tachometer from the rear, orientate the three mounting tabs 1, on the tachometer as follows: left, upper center, right respectively.
2. Using an ohmmeter, measure the resistance between the upper center and right pin sockets. Do not touch the case with the leads when making this measurement. The measured resistance between the sockets should be 252 to 292 ohms.

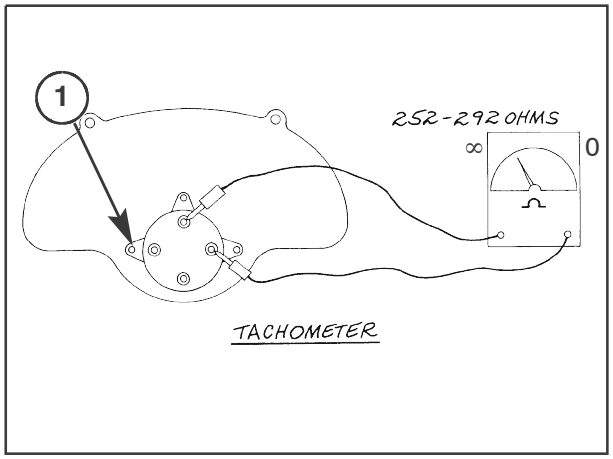

Figure 3-152

3. Using an ohmmeter, measure the resistance between the left and lower center pin sockets. Do not touch the case with the leads when making this measurement. The measured resistance between the sockets should be 237 to 275 ohms.

   If the resistance measured is outside the ranges, or an open circuit is measured. the tachometer should be replaced.

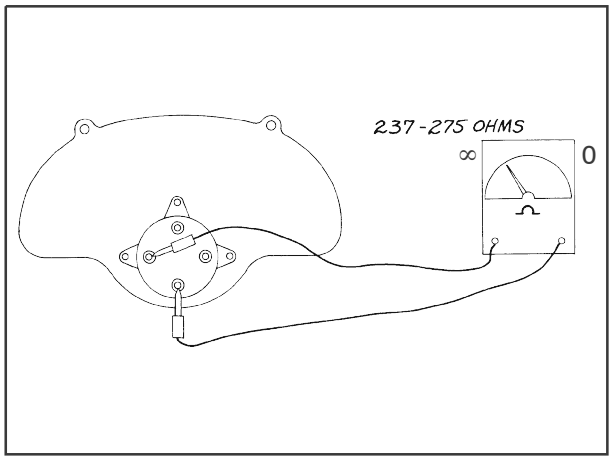

Figure 3-153

PTO SPEED INDICATOR ADJUSTMENT (1530, 1630, TC25D, TC29D, AND TC33D)

The dial style adjuster, 1, that is located on the back (rear), top area of the instrument panel, is used to set the PTO speed indicator lights for the proper tractor model. Set the instrument panel as indicated in the table.

Model (9X3)	Setting
1530 and 1630	0

Model (HST)	Setting
1530, 1630, TC25D, TC29D, and TC33D	1

NOTE: Switch settings 3 - 7 will default back to switch setting 0.

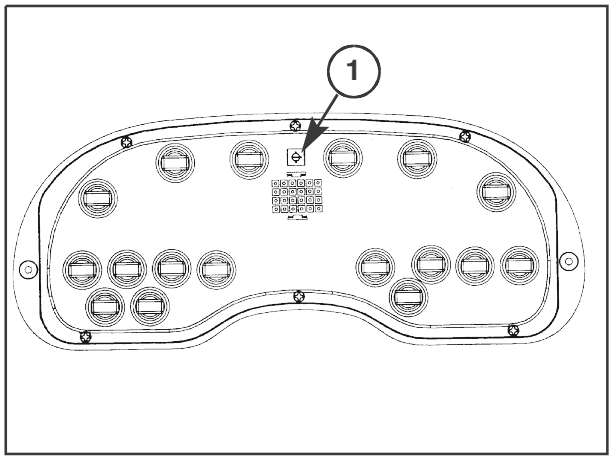

Figure 3-154