

1109-6401 Adjustment Procedures

The governor spring should be a snug fit, but should have no end play and no pre-load. The spring setting can be adjusted by bending the loop in the spring with pliers.

Correct engine governed speed (no load) with hand throttle in wide open position is 2200 engine RPM, 800 PTO RPM, or 1494 belt pulley RPM. To adjust maximum speed setting, turn the maximum speed stop screw clockwise to reduce RPM, or counterclockwise to increase RPM.

If the governor lever reaches the maximum speed stop setting before the hand throttle is in the last notch on the quadrant (wide open) or if governor lever fails to reach the maximum speed stop with the hand lever in the last quadrant notch on 2N or 9N, adjust the control linkage by holding the holding the throttle shaft lever and bending linkage until speed is correct.

Troubleshooting

Engine idle speed too high. This may be caused by a preload on the governor spring. The spring should be adjusted as outline above.

Engine will not reach specified top speed. This may be caused by incorrect adjustment of either the governor control rod or the governor speed adjustment stop screw. Follow the adjustment procedure above.