



Westinghouse

INNOVATION YOU CAN BE SURE OF

Consumer Guide

Generator Engine Speed Adjustment

Models

WHXC3750, 3750-PRO, 5000, 7000, 8500E and 8500E-PRO.

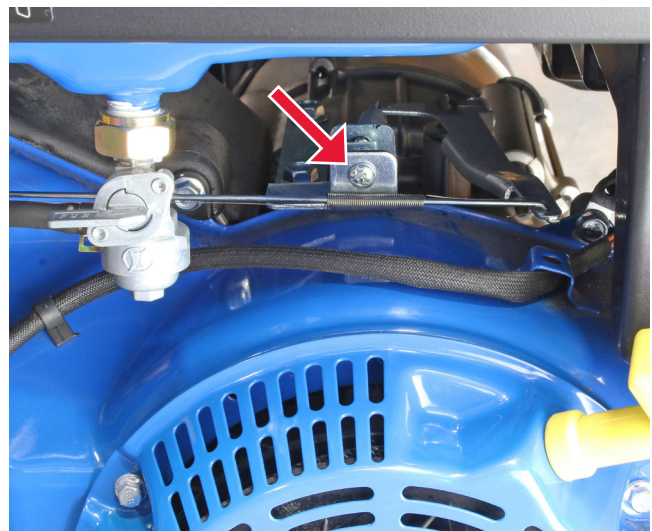
Procedure

Correct engine speed is essential for proper functioning of the generator. The engine's no-load speed can be checked and adjusted as follows:

1. Ensure that the generator is in good condition and has been maintained to schedule.
2. Disconnect any electrical cables or devices plugged into the generator's 240-Volt AC or 12-Volt DC outlets.
3. Start the generator and allow the engine to warm up until it is running smoothly with the choke lever in the OFF position.
4. Check that the frequency displayed on the generator's VFT meter is within the setpoint range of 52.5 to 53.5 Hertz, which corresponds to an engine speed range of 3,150 to 3,210 rpm.
5. If necessary, turn the governor throttle screw (pictured below) clockwise to increase the engine speed or anti-clockwise to reduce the engine speed until it's within the specified range. Make the adjustments in incremental steps of no more than one screw turn.
6. Switch off the generator when finished.



3750 & 3750-PRO



5000, 7000, 8500E & 8500E-PRO

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