



Cleaning Innovations That Matter.

Optima XR Throttle Spring Setting

This guide will show you how to check the throttle setting on an Optima XR burnisher. Optima XR is designed to run at an engine speed of approximately 2800 RPM

Step 1) Remove the Throttle Assembly

Begin by removing the nut and bolt shown using a 10mm wrench.

Pull the throttle assembly down toward the deck around the rubber fuel hoses. It should rest on the deck face down allowing examination of the throttle spring.



Remove Circled Nut and Bolt

Step 2) Examine and Set the Throttle Spring

The throttle spring should be set to position D on the arm. If the throttle spring is in any other position, move it to hole D as shown in the image to the right.

Step 3) Reassemble the Throttle Assembly

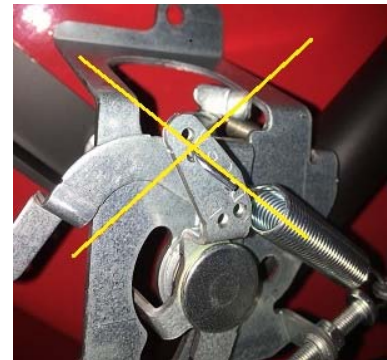
Move the throttle assembly back around the rubber fuel hoses into the operating position. Use a 10 mm wrench to tighten the bolt and nut that were removed in step 1.

Additional Notes:

If problems persist even after the spring is determined to be set correctly, please try to measure the engine RPMs to ensure that the engine is running between 2700-2900 RPM. If the machine is out of this range, contact Betco Tech Support.



Arrow Pointing to Correct Setting



Incorrect Setting