

# IMPORTANT: READ THIS FIRST



## Nitro Engine Starting Addendum

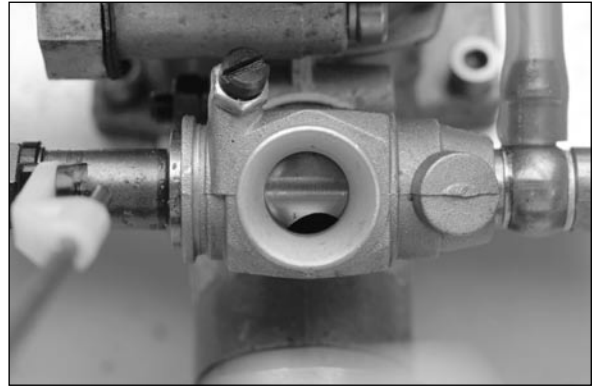
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The initial starting of any ABC-style engine can be difficult if not done with care. Please follow these guidelines to have a successful boating experience:



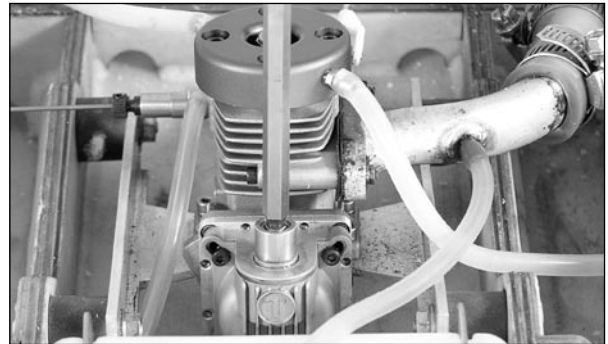
### Step 1

It may be necessary to loosen the glowplug a few turns to lower the compression prior to the first run. Use the Dynamite® Glowplug wrench (DYN2510) to make this task easier.



### Step 2

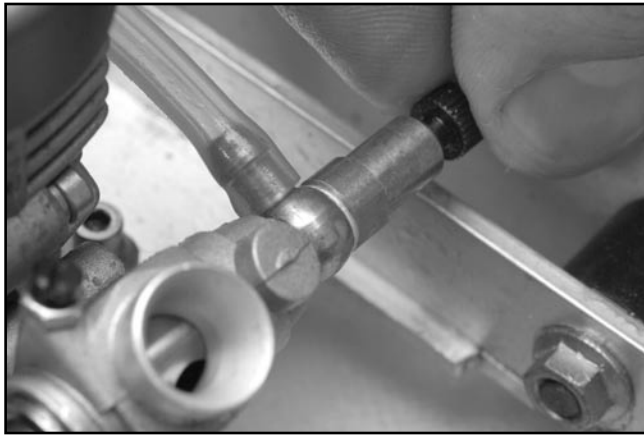
Adjust the throttle trim to allow a 1/8 open throttle position. Place your index finger over the carburetor and pull the pull-starter several times until you see fuel enter the carburetor through the fuel line.



### Step 3

Turn on your radio system and attach a fully charged glow igniter (DYN1925) to the glow plug. Insert the starting wand into the Tiger Drive and actuate the starting switch until the engine begins to run. If the engine does not start, place your index finger over the carburetor and actuate the starter until you see fuel enter the carburetor through the fuel line.

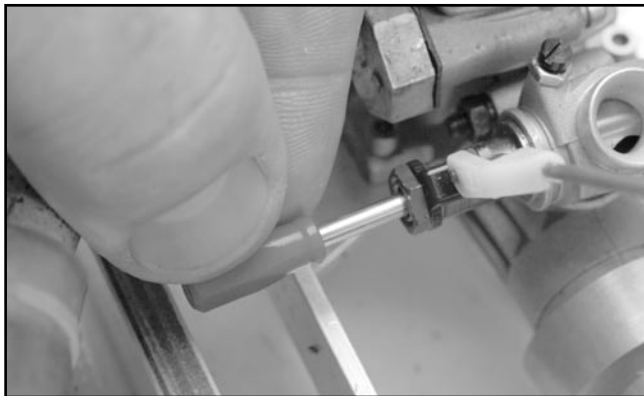
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#### Step 4

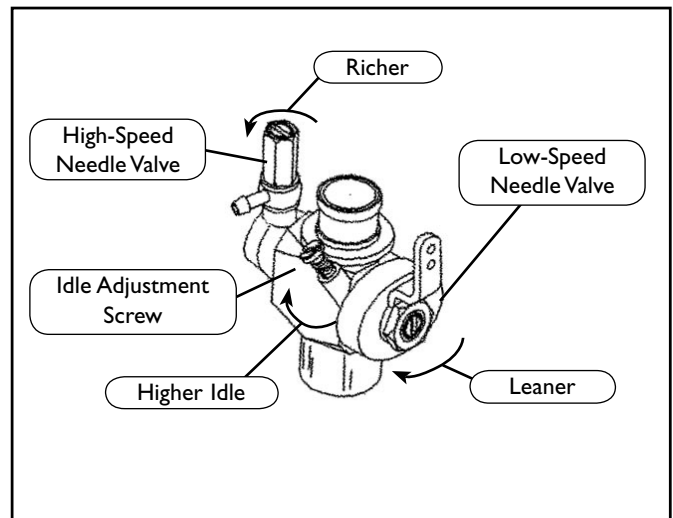
The carburetor needles are factory set at  $2\frac{1}{2}$  turns. After break-in, you may adjust the needle settings to increase speed and runtimes. Lean the hi-speed needle (turn clockwise) until the engine has a strong high-pitched whine and a thin bluish/white smoke stream emitting from the exhaust system.

**Caution:** Do not over-lean the engine or permanent damage to the engine will occur.



#### Step 5: .32M Low End Needle Adjustment

Once the high end needle is set, adjust the low end needle with the supplied screwdriver (Dynamite .32M only). Turn the needle adjustment clockwise  $\frac{1}{16}$  of a turn at a time and operate the throttle. There should be no hesitation from idle to high speed. Keep adjusting the needle in until the engine hesitates, then back off the adjustment  $\frac{1}{4}$  of a turn.



#### Step 6

If the engine becomes flooded, it may not turn over due to this hydro-locked condition. You must remove the glowplug, invert the boat and operate the starter several times to evacuate excess fuel in the combustion chamber. Install the glow plug and attempt to start the engine again with a slightly leaner high speed needle setting.

If you still have problems starting the engine, see the troubleshooting guide in the Pro Boat™ manual.

After break-in, the engine will reward your patience with easy starting for many years to come.