

Initial engine set-up instructions for Briggs & Stratton engine model 205432-0036-E1 to be used for SAE Baja.



The above SAE kit (part number 695221) is supplied with each SAE engine. These parts are required to be mounted on the engine to assist the throttle to return to an idle, additionally the kit aids in the installation of a cable operated throttle control.

The following instructions will assist you in preparing your engine for the SAE Baja competition.



Remove trim panel.

First turn fuel valve to the off position. Then remove 3, 5/16" hex head screws, two are located on the front of the engine and one is located on the side of the engine.

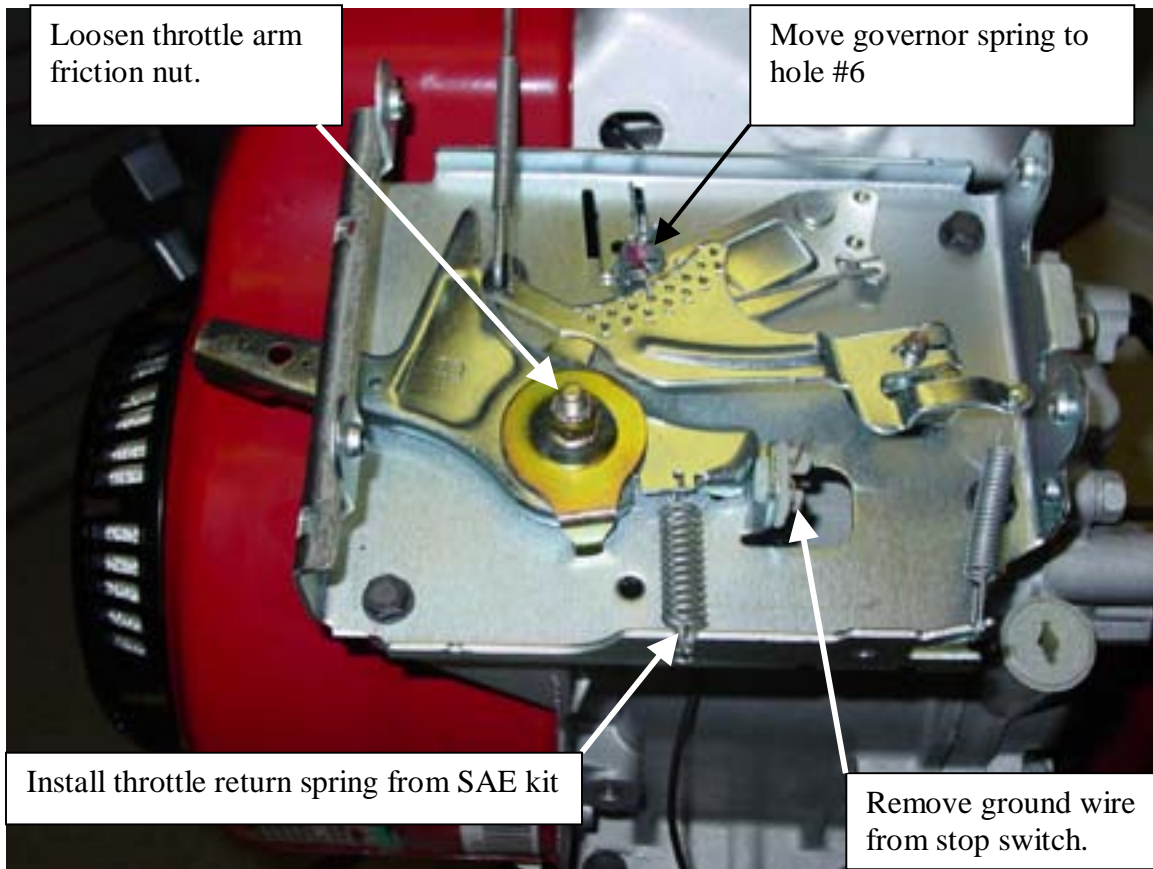


After the trim panel is removed, remove the fuel tank by removing 4, 3/8" hex headed shoulder bolts from the base of the fuel tank. Two screws are located on the front and two screws are located on the back of the fuel tank base.

When the fuel tank is removed the following steps need to be accomplished.

1. Install throttle return spring from SAE kit.
2. Loosen throttle arm for friction free movement.
3. Reposition governor spring to hole #6.
4. Remove ground wire from stop switch so engine will not shut off at idle.

View showing engine controls with fuel tank removed.



Install throttle return spring from the SAE kit. Next loosen throttle control arm nut until the throttle control arm moves freely. This will allow the throttle control arm to freely move back to the idle position by the spring tension.

Remove ground wire from the stop switch so engine will not shut off at idle. Re-route this ground wire to your safety stop switch on the vehicle. (Refer to SAE rules)

Reposition governor spring to hole #6. This allows for better governor response.

For SAE Baja Only

Close up of the governor spring relocated to the #6 hole, on the governor control bracket. All engines are required to have the governor spring located in #6 hole



Reinstall fuel tank and trim panel back on to the engine.

For SAE Baja Only

After trim panel has been re-installed the speed control cable clamp from the SAE kit can be installed on to the speed control level with the “E” ring retainer holding the clamp from underneath.



Replacement Parts listing for the SAE kit 695221.

Part Number	Description	Qty.
261194	Throttle Return Spring	1
710476	Cable Clamp Block	1
710477	E-Ring Retainer	1
710478	Screw for Cable Block	1
691024	Cable Casing Clamp	1

Always consult engine operating & maintenance instructions manual and engine repair manual for specific values and procedures.

To locate Briggs & Stratton service dealers or download engine parts or operating & maintenance instructions manuals please contact: 1-800-233-3723 or www.briggsandstratton.com