



Briggs & Stratton's "Outta' the Box" Challenge 2025

Briggs "Outta' the Box" Schedule

6:30 PM	Teams report to grid and setup
6:50 PM	Engine Drawing
7:00 PM	20min build time begins
7:20 PM	Scrutineering of builds by tech
7:35 PM	Practice
7:45 AM	10min Tuning Window
8:00 PM	Briggs "Outta the Box" Race (laps TBD)

Rules:

- Any **USED** 4.6/6.0 Vega VAH tires. You don't need scanned tires from Grands.
- Can use a separate chassis, or a chassis that is competing in Grands. If it is a separate chassis, we ask that you bring the chassis to tech during normal pre-tech hours to be inspected.
- All components that come in the box must be used. Replacing and parts that are provided from Briggs is forbidden. Exceptions for replacing the oil fill for pulse fittings and any breather tubing are allowed.
- Engines have come pre-assembled with a Gold slide this year.

All standard rules for Junior will apply with the included exceptions/additions.

Engine Draw and Build-Off: As teams report in, they should establish a spot along the fence to assemble their kart. Teams are limited to:

- Maximum of 4 people during the build process. This includes the driver if they are assisting in ANY WAY!
- One kart stand.
- 1 table not to exceed 32"x72".
- BRING YOUR OWN OIL!**
- Make sure to bring all your own components. Only what's in the box is provided, and must be used!
 - ⇒ You may not bring your own slide or top plate. The items in the box must be used.
 - ⇒ Catch cans must be installed and hooked up properly

ONE representative from each team will come to the head of the grid to draw out of the hat for their engine assignment. All engines will be numbered. Teams will then return to their build areas with their engine, but **ARE NOT TO OPEN THE BOX** until we sound the horn.

We'll sound a horn, and see who can completely install their new engine onto their karts the fastest. The installation is not considered complete until the kart starts and runs on the kart stand. These build times will be considered your "provisional" qualifying times. A maximum of 20 minuets has been allocated for the builds. Any team failing to build their kart and start it before the 20 minuets elapses will be scored as a DNS for qualifying, and will start based on their engine draw number.

Scrutineering: After the 20 minuets, all karts will be inspected by CKNA tech officials. Penalties will be added to the install time for and missed items like safety wire, zip-ties, missing components, etc.. This adjusted time will be your official qualifying time and determine the race start.

- Missing Safety Wire or Zip tie (fuel line connections, exhaust header bolts, etc.) = 30 seconds
- Loose bolts FOR ENGINE or accessories = 60 seconds
- Throttle not opening and closing completely = 60 seconds
- Chain not installed or GROSSLY out of alignment = 120 seconds
- Missing required component (Chain Guard, Air Filter, Clutch, Exhaust pipe, Header/Muffler/Wrap, etc..) = DQ (start in back)
- Violating Spirit and intent = DQ (start in back). Essentially, if tech feels you didn't try to comply to get a better time, you start in back!

If you would like to set the float level in the carburetor, this must be done either during the scrutineering time or tuning window. **Karts/Engines will not be leaving the controlled track and pit area this year!** Competitors **will not** be allowed to set valve lash, that must be run as the engine was received outta the box! We advise you plan your time during the Chassis tuning to set the slide on your carburetor.

Practice and Tuning: Teams will be given a 10-min session on track to test their karts, and determine if any adjustments need to be made to the engine, chassis or gearing. We will be running a different track than the Grands layout. This is also when **YOU** should check **YOUR** slide!

Once practice concludes, teams will put their karts back on the stands and report to their work areas. **NO CHANGES MAY BE MADE UNTIL THE HORN SOUNDS!** Teams will be given only 10-min to make any changes they deem necessary.

- Driver +3 crew members maximum during the chassis tuning period.

Race: The race will be approximately 12 minuets long. Exact lap count will be announced on grid:

- There will be no "requests for review". All calls or video reviews will be initiated by the Race Director.
- All other rules for CKNA and the Grands apply.
- The top 3 must pass tech, including weight and slide checks.
- There will be a cookout going on during the "Outta the Box" challenge. Drivers and Crew may not partake in refreshments until after the race.
- We will be placing special arm bands on you and your team members that will be cut if you attend the cookout.

This race is truly just for fun, and to put on a good show! I know as racers we want to win everything we compete in, but please remember that this is just a fun add-on to Grands. Please don't find to find loopholes or ways to game the system for this race.

The fastest build time (after all penalty adjustments) and winner of the race **win custom CKNA / Briggs "Outta the Box" JBL Party speakers!**



www.CupKarts.com



CupKartsNorthAmerica



CupKarts_NorthAmericaz



CupKarts



CupKartsSouth