

Baseline Orion Mike Truhe Edition .21 Engine Settings (1/8 Buggy)

Elevation: Sea Level – 500ft

Ambient temperature: 70-80°F

Fuel: 30% Nitrotane (LOSF0430)

Glow Plug: Orion #6 Turbo Plug (ORI88855)

Head Shimming: Add .10mm shim from stock configuration

Venturi: 7.5mm. For smaller tracks use a smaller venturi to improve throttle response but will decrease straightaway speed.

Pipe: Orion Truhe EFRA 2013 (LOSR1950) or CRF EFRA 2066 (ORI88111)

Flywheel: Aluminum (LOSA9105)

Clutch: 2 aluminum shoes (LOSA9108) with gold springs (LOSA9114) & 2 composite shoes (LOSA9107) with green springs (LOSA9113)

Gearing: 13/48

Typical operating temps (buggy): 210-225°

Other Notes:

- 1) Power will increase until motor is fully broken in around the 2 gallon mark.
- 2) Turn carburetor slightly to allow clearance to center diff mount.
- 3) Don't tight too much carburetor fixing screw to avoid damage on the carburetor isolator ring

Factory Needle Settings

(Come set rich for Break-in)

High Speed Needle: 0.0mm in from flush

Low Speed Needle: 0.0mm in from flush

Idle Gap: 2.0mm (between slide and venture)

Race Needle Setting Example

(after proper break-in and using above pipe, fuel, plug, head clearance etc)

High Speed Needle Settings: 0.65mm in from flush or 2 ¾ turns out from full closed

Low Speed Needle setting: 1.1mm in from flush

Idle Gap: 0.15mm (between slide and venturi)