

STOP!

The TRX 2.5 engine must be broken-in over 5 tanks of fuel before tuning for performance. The carburetor has been preset to the factory break in settings at the factory. Minor adjustments may be required to compensate for temperature and altitude. Engine should always show light trail of blue smoke from the exhaust. If there's no smoke or the engine stalls, richen H-spd needle 1/4 turn & proceed with break in. Pinch the fuel line to shut off the engine.

Fuel

Use Traxxas Top Fuel for best performance and engine life. The TRX 2.5 is optimized for 10-20% Nitro fuel. If you break-in your engine on 20% fuel then use 20% fuel all of the time.

Starting Your Model

1. Turn on the radio system & range test
2. Engine must be at room temperature
3. Connect EZ-Start and press button.
Watch for fuel moving through the fuel line up to carburetor.
4. If fuel isn't visible within 5 seconds, prime by covering exhaust outlet for 1 or 2 seconds, just until fuel reaches the carburetor
5. Engine should start and idle.
6. Proceed with break-in.

Break-in Procedure

Tank 1	Throttle: 1/4	Time: 2 seconds	Cool: 15 min.	Body: Off	Apply throttle gradually
Tank 2	Throttle: 1/2	Time: 2 seconds	Cool: 15 min.	Body: On	Apply throttle gradually
Tank 3	Throttle: 1/2	Time: 3 seconds	Cool: None	Body: On	Reduce idle speed if necessary
Tank 4	Throttle: Full	Time: 3 seconds	Cool: None	Body: On	Don't allow shifts to high gear if 2-spd equipped
Tank 5	Throttle: Full	Time: 5 seconds	Cool: None	Body: On	Accelerate over 3 second count, hold for 2 sec.

Card supplied as a tuning aid. Read and follow all instructions in the Owner's Manual

Needle Settings for Performance

- (Turn needles counter-clockwise to richen / clockwise to lean)
- **H-spd**-Lean 1/16 turn until no gain in performance then richen needle 1/8 turn. Stop immediately if engine cuts out or loses power (Danger!), richen 1/4 turn, and re-tune. • **Max Eng. temp**- 270°F
- **L-spd**-Pinch fuel line after several high-speed runs. Engine should run for 2-3 seconds, speed up, then die. Less than 2 seconds, richen 1/8 turn. More than 3 seconds, lean 1/16 turn.
- **Idle adj.**- Once H and L-spd needles have been set, reduce idle to minimum reliable speed.

H-Spd Needle Corrections for Weather Conditions

Higher humidity	set slightly leaner
Higher barometric pressure	set richer
Higher temperature	set leaner
Higher altitude	set leaner
Higher nitro %	set richer

Routine Maintenance

- **After each hour of running**
 1. Clean and re-oil air filter.
 2. Clean engine of dirt and oil.
- **After each running session (After-run procedure)**
 1. Empty tank.
 2. Start engine to burn off remaining fuel in engine.
 3. Clean engine and remove filter and glow plug.
 4. Spray 1-second burst WD-40™ into carburetor & glow plug hole.
 5. Spin engine with EZ-Start for 10 seconds (repeat step 4 & 5 twice).
 6. Clean air filter and re-oil.
 7. Replace plug, reconnect plug wire, and reinstall filter.

Driving the Model

1. Don't run your model in water, mud, snow or wet grass.
2. Don't over-rev the engine.
3. Avoid extended periods of severe high-RPM running.
4. Don't drive your model with damaged drive train.
5. If engine cuts out or loses power, STOP, richen H-spd 1/4 turn.
6. Don't tow anything with your model.
7. Drive over large obstacles at an angle.