



## 2025 CT525 Engine Guidelines

**Engine:** GM Performance CT525 part #19432720 or #19434598. The engine MUST have a GM encrypted seal, Race City Performance seal, or DRIVR seal. All engines and components must meet guidelines as per the GM Performance CT525 Tech Manual.

**Ignition:** MSD model #6014CT ignition controller and wire harness programmed with Can-Am Speedway mapping of timing and rpm limits. The ignition controller will be subject to technical inspection during pre or post race. A MSD/RCP ignition tech tool will be utilized to verify mapping.

**Carburetor:** DIRTcar legal 650 as specified in the 2025 DIRTcar rulebook. Maximum of 7" height from intake valley to carb mounting surface.

**Fuel:** VP X85, D98, D112; No oxygenated fuel is allowed; X85 testing of 84%-86% ethanol content; Fuel will be tested.

**Exhaust:** Henry's part # DMMSLS-FC  
Beyea part #NEDMSBUS-LS-S1-3  
DIRTcar legal W16 package

**Weight:** 2,350 lbs (*subject to change*)

Questions can be directed to Tyler Bartlett at [canamspeedway@gmail.com](mailto:canamspeedway@gmail.com)

## CT525 Engine Purchase Options

**Base Engine Price:** Base NE/CT525 engine with MSD #6014CT controller programmed to Can-Am mapping, secondary RCP engine verification seals, 8 qts Maxima Break in oil, oil system primed

**Race City Performance: \$10,230.65**

*(add \$750 to dyno)*

**RCP Prepared Engine:** NE/CT525 engine, Jones complete front drive, Stewart High Flow water pump, RCP steam line kit, Jones expansion tank, power steering pump, with built in reservoir, 55/70 amp alternator, belt drive fuel pump, fuel bypass regulator, MSD #6014CT controlled programmed to Can-Am mapping, RCP/Scott under header plug wire set, NGK spark plugs, RCP oil filter kit with mount plumbed, RCP crankcase vent kit, BERT LS flywheel w/shim and arp bolts, RCP coil covers, lift plate, labor to race prep engine, set valve spring installed heights, matched valve spring, verify lifter preload and rocker arm ratio, index TDC, Document and install CP secondary seals, dyno.

**Race City Performance: \$18,920.45**

*(Not included: Carb and spacer, headers, motor mounts, fan, air filter assembly)*

**US Race Teams:**

Race City Performance/Don Blackshear  
159 Barley Park Lane, Suite E  
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**Canadian Race Teams:**

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