

## CLASSIC KARTS NZ - SCRUTINEERING CHECKLIST

*This checklist is issued as a guide to members only to help you PRIOR to getting your kart scrutineered by an official. Please see Kartsport Rules on their website for a comprehensive list.*

### General, across entire kart

All bolts 2mm minimum showing on thread  
All 8mm+ nuts self-locking otherwise double nut

### Tie Rods

Nuts tight either end of both stie rods  
Check bolt/nut secured to stub axles

### Steering

Check nut on bottom of steering column is secure  
Check steering wheel has no excessive play  
*RECOMMENDED:* Safety collet on steering column below forks

### Front Wheels

Rock wheel/tyre to ensure minimal play  
Ensure wheels (eg: bearings) spin freely  
Ensure front tyres have no excessive wear  
Check spacers have movement (wheel nut not excessively tight)

### Stub Axles

No wobble in axle to kingpin  
*RECOMMENDED:* Inspect for proper wheel alignment

### Front Bumper

Ensure attached at both the top **and** bottom  
PODS: Ensure nose cone securely attached to bumper  
PODS: Ensure top of nose cone clamps cable tied to bumper

### Rear Wheels

Ensure wheel hub stud bolts are tight  
Ensure wheel nuts are tightened to hubs  
Ensure rear tyres have no excessive wear  
Non-flanged locking nuts must have flat steel washer fitted

### Brakes

Check brake callipers are bolted on securely  
Ensure minimum 2 clamps on brake cable to pedal  
Pedal should have clearance to bumper/chassis on full lock  
Check brakes function correctly (spin wheels check brakes lock)  
Use deformed lock nuts on brake carrier (nylock disallowed due to heat)  
*RECOMMENDED:* A 2nd safety cable between pedal and brakes

### Throttle

Ensure pedal spring in place and secured  
Test pedal to ensure it 'springs back' when releasing at full throttle

### Fuel

Ensure fuel tank securely fastened to chassis / floor tray  
Ensure fuel lines do not hang below chassis

### Seat / Floor plate

Ensure seat secured to kart (minimum 4 points)  
Must be fitted with seat washers (min. 40mm)  
Check floor plate securely fixed to chassis

### Engine

Check engine clamps are tight (rock engine to ensure its secured to chassis)  
Check exhaust header is secured to engine and pipe to bumper/chassis  
Ensure carburettor has a return spring that closes throttle mechanism  
Ensure chain guard is fitted and be in line with chain  
Guard must cover chain, axle sprocket and drive sprocket to centre of their axis

### Rear Axles

Check all grub screws are tight  
Ensure no axle movement perpendicular to chassis  
*RECOMMENDED:* Use cable ties to help secure grub screws