

## Genesee Valley Kart Club Safety Tech Self-Inspection Checklist

**Date:** \_\_\_\_\_

*This checklist is provided as a tool for drivers and crew.*

	Competitor Check	
	Checked	
<b>Chassis Items:</b> The following items shall be secured with drill bolt <b>safety wired</b> , drilled bolt <b>cotter pinned</b> , or secured by a circlip or snap ring if the bolt has a circlip groove (installing on threads is not approved).	Pass	Fail
<b>Steering:</b> <b>a.</b> 3 Steering wheel hub bolts <b>b.</b> Bolt, steering hub to steering shaft <b>c.</b> Bolt, steering shaft to frame <b>d.</b> Tie rods bolts (at steering shaft and spindle arm) <b>e.</b> Kingpin bolts <b>f.</b> Spindle nuts attaching wheels <b>g.</b> Bolt, throttle pedal to frame <b>h.</b> In good overall condition <b>i.</b> Free of tight spots (lock to lock) <b>j.</b> Little "slop" in components		
<b>Brake System:</b> <b>a.</b> Bolts, calipers to frame or steering spindle <b>b.</b> Bolts, master cylinders to frame <b>c.</b> Brake actuating rod, both ends (jam nuts where original design) <b>d.</b> Bolt, brake pedal to frame <b>e.</b> Bolts, Front & Rear brake rotors to hubs ( <i>Nuts must be all metal lock nuts</i> ) <b>f.</b> Lock when engaged <b>g.</b> No visible leaks		
<b>Wheels &amp; Tires:</b> Appropriate wheel mount nuts and racing safe		
<b>Hubs to Axle:</b> Secure		
<b>Pedals:</b> In good condition; throttle return springs		
<b>Fuel System:</b> No leaks; fittings should be wired/clamped/ziptied.		
<b>Clutch/Chain Guard:</b> Present		
<b>Seat:</b> Secure and racing safe; large washers between strut & seat sides		
<b>Bodywork Components &amp; Mounting:</b> Secure and racing safe		
<b>Chassis Welds:</b> No cracked welds		
<b>Coolant:</b> No glycol based coolant		
<b>Oil Overflow (4-cycle):</b> Present & free of leaks		
<b>Driver Protection</b>		
<b>Helmet:</b> Snell SA, K or M 2005; SFI 24.1/2010, 31.1/2010 or 41.1/2010; CMS or CMR 2007 (youth only); or BSI A-type and A/FR types, up through 10 years after date of manufacture. Must have full-face shield integral with the helmet.		
<b>Neck Collar:</b> Manufactured for racing, required for all "on track" activities. Leatt-/brace Moto GPX and similar are acceptable.		
<b>Driving Suit:</b> A jacket constructed of heavy weight abrasion resistant nylon, leather or vinyl and full length pants. No sweat pants. No portion of the leg or ankle may be exposed when in the driving position.		
<b>Driving Gloves:</b> Abrasion resistant gloves possessing grip enhancement.		
<b>Driving Shoes:</b> High-top shoes or boots that give ankle protection. No portion of the leg or ankle may be exposed when in the driving position.		
<b>Long Hair:</b> Must be contained within the helmet or driving suit. Balaclava highly recommended.		
<b>Rib/Chest Protectors:</b> Mandatory for drivers 13 years or younger, with SFI certification. Highly recommended for ALL drivers.		