



2013 Western Racing Association Safety Inspection Form



Yes No

No.1 OK

No. 2 OK

Re-Check

- | | | | | |
|---|--|--------------|--------------|--------------|
| <input type="radio"/> <input type="radio"/> | <p>13. Steering Inspection to include spindles, wheel bearings, tie rod, drag link, Pitman arm and steering mount. Must assure that all components are in serviceable condition and are properly mounted and secured.</p> | <p>_____</p> | <p>_____</p> | <p>_____</p> |
| <input type="radio"/> <input type="radio"/> | <p>14. Kingpins must be secured by set screws and/or other provisions to prevent the pin from moving up or down in the axle.</p> | <p>_____</p> | <p>_____</p> | <p>_____</p> |
| <input type="radio"/> <input type="radio"/> | <p>15. Shock Absorbers must have a minimum of one functioning unit per wheel.</p> | <p>_____</p> | <p>_____</p> | <p>_____</p> |
| <input type="radio"/> <input type="radio"/> | <p>16. All Welds and fabrication must appear safe.</p> | <p>_____</p> | <p>_____</p> | <p>_____</p> |
| <input type="radio"/> <input type="radio"/> | <p>17. Body must be complete and properly secured. <i>Exception:</i> the side panels may be removed for cooling issues.</p> | <p>_____</p> | <p>_____</p> | <p>_____</p> |
| <input type="radio"/> <input type="radio"/> | <p>18. Battery, if used must be securely mounted and covered to protect from spillage.</p> | <p>_____</p> | <p>_____</p> | <p>_____</p> |
| <input type="radio"/> <input type="radio"/> | <p>19. Belly Pans must extend from the firewall/engine plate to the rear of seat. Reasonable efforts to seal the driver compartment from engine related fluids must be in evidence.</p> | <p>_____</p> | <p>_____</p> | <p>_____</p> |
| <input type="radio"/> <input type="radio"/> | <p>20. Fuel Tank must be vented and vent should exit to the atmosphere at a point higher than the fuel level would be if the tank is inverted. A fuel shutoff (ball and seat) inserted in the vent line system is highly recommended.</p> | <p>_____</p> | <p>_____</p> | <p>_____</p> |
| <input type="radio"/> <input type="radio"/> | <p>21. Electric Fuel Pumps are discouraged for safety reasons. However, if installed, must be controlled by the ignition kill switch.</p> | <p>_____</p> | <p>_____</p> | <p>_____</p> |
| <input type="radio"/> <input type="radio"/> | <p>22. All Fuel Lines must be fabricated from steel, braided hose or other approved racing products designed for fuel being run. <i>No</i> copper lines.</p> | <p>_____</p> | <p>_____</p> | <p>_____</p> |
| <input type="radio"/> <input type="radio"/> | <p>23. All Fuel Lines must be properly secured.</p> | <p>_____</p> | <p>_____</p> | <p>_____</p> |
| <input type="radio"/> <input type="radio"/> | <p>24. Foot Throttle must be mounted to the frame, engine, or engine plate and must include a toe strap.</p> | <p>_____</p> | <p>_____</p> | <p>_____</p> |
| <input type="radio"/> <input type="radio"/> | <p>25. A Minimum of 2 throttle return springs are mandatory. Either spring must close if the other is disconnected. These springs must be connected to the linkage so as to close the throttled blades directly.</p> | <p>_____</p> | <p>_____</p> | <p>_____</p> |
| <input type="radio"/> <input type="radio"/> | <p>26. Geometry of throttle linkage must be at such angles so as to prevent any chance of going "over center" thus jamming the throttle wide open.</p> | <p>_____</p> | <p>_____</p> | <p>_____</p> |
| <input type="radio"/> <input type="radio"/> | <p>27. Heim Joint or other connection points must include oversized washers — same as Item 11 above. All fasteners to be self-locking, jam nutted or cotter pinned.</p> | <p>_____</p> | <p>_____</p> | <p>_____</p> |
| <input type="radio"/> <input type="radio"/> | <p>28. Cooling System must show no signs of leakage that would put water on the track.</p> | <p>_____</p> | <p>_____</p> | <p>_____</p> |
| <input type="radio"/> <input type="radio"/> | <p>29. Coolant must be water (H2O) when running on paved tracks.</p> | <p>_____</p> | <p>_____</p> | <p>_____</p> |
| <input type="radio"/> <input type="radio"/> | <p>30. Radiator must have an appropriate overflow tank.</p> | <p>_____</p> | <p>_____</p> | <p>_____</p> |
| <input type="radio"/> <input type="radio"/> | <p>31. Hoses, Clamps and all other components must be in serviceable condition.</p> | <p>_____</p> | <p>_____</p> | <p>_____</p> |
| <input type="radio"/> <input type="radio"/> | <p>32. Tires shall have a maximum tread width of 10 - inch for midgets and 14 - inch for all other cars. Tread width is determined by the manufacturers specifications moulded into the sidewall. Recaps are allowed tires must be serviceable and in safe condition.</p> | <p>_____</p> | <p>_____</p> | <p>_____</p> |
| <input type="radio"/> <input type="radio"/> | <p>33. Brakes are to be two wheel minimum, mounted to control the rear wheels. An exception will be made for cars with rear ends specifically designed for a Single Inboard Calliper. These will be inspected on a case by case basis.</p> | <p>_____</p> | <p>_____</p> | <p>_____</p> |
| <input type="radio"/> <input type="radio"/> | <p>34. Non-Flexible hydraulic brake lines must be steel.</p> | <p>_____</p> | <p>_____</p> | <p>_____</p> |
| <input type="radio"/> <input type="radio"/> | <p>35. All Flexible hydraulic lines must be braided steel or rubber hoses designed for brake use.</p> | <p>_____</p> | <p>_____</p> | <p>_____</p> |
| <input type="radio"/> <input type="radio"/> | <p>36. All Safety related fasteners must be self-locking, pinned or safety wired. Tensile strength should be Grade 5 or above as appropriate to preclude failure.</p> | <p>_____</p> | <p>_____</p> | <p>_____</p> |

Applicant should seek clarification of the Check List items prior to presenting their car for inspection. Exceptions to areas of contention regarding "Period Correct." can be considered if the applicant furnishes published photographs of use during the period in question. WRA's goal of including all examples of innovation will be supported by reasonable interpretation of all Rules and Specifications.

Suggestions: _____

Inspector	Date	Owner	Date
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Inspected at: _____

These forms may be downloaded from the WRA web site: www.westernracing.com
 For further information contact: Bob Mastroleo (626) 358-2284