

# LVQMRC Car Tech Inspection Sheet (Rev 030115)

Tech \_\_\_\_\_ Owner \_\_\_\_\_ Class \_\_\_\_\_ Car # \_\_\_\_\_ Pass Date \_\_\_\_\_

Use a check mark for PASS and an X for FAIL

	1 <sup>st</sup>	2nd
1. Car number, each side of tail and one on the nose, 6" tall and 3/4" wide. ....	_____	_____
1a. Only two characters, can't use B, I, O, Q, S. ....	_____	_____
2. Complete open wheel body, nose, cowl, tail, left and right side panels. ....	_____	_____
3. Belly pan must go from firewall to in front of the driver's feet. ....	_____	_____
3a. Minimum thickness of .025 for steel (check with magnet), .048 for aluminum. ....	_____	_____
4. Must have 2.5" hole in the tail. ....	_____	_____
5. Sunshields not to exceed 5", must be approved by tech member. ....	_____	_____
6. Must have complete firewall, 0.48 for aluminum, 0.25 for steel. ....	_____	_____
7. High Back Kirky style seat is required, bottom of seat no more than 8" from ground. ....	_____	_____
7a. Must be attached with 5/16" bolts, 2 on bottom, 1 on back. ....	_____	_____
8. Wheelbase (front to back), 34" minimum, and 60" maximum. ....	_____	_____
9. Wheel tread (side to side), 28" minimum, and 34" maximum. ....	_____	_____
10. Overall length, 88" maximum, bumper to bumper. ....	_____	_____
11. Tire size, front 12" max diameter, rear 14" max diameter. ....	_____	_____
12. Max ride height is 4" from the belly pan to the ground. ....	_____	_____
13. Geared or direct steering only. ....	_____	_____
13a. Steering installed so the tires cannot rub any part of the car, and must not go over center. ....	_____	_____
14. Brakes must have single piston caliper and a steel rotor (check with magnet). No belt brakes. ....	_____	_____
14a. Brakes must be activated by foot pedal only. ....	_____	_____
14b. Must have Braider Brake line. ....	_____	_____
15. Front and rear bumpers fastened with bolts+nuts required. Of STURDY construction with no sharp edges or protrusions. ....	_____	_____
16. Rear bumper must have 2 horizontal bars no less than 4" apart center to center and must have at least one connecting bar. ....	_____	_____
17. Front bumper must have 2 horizontal bars no less than 2" apart center to center and must have at least one connecting bar. ....	_____	_____
18. Upper bar on bumper must be more than 7" from the ground, and the lower bar must be less than 7" from the ground, with the driver in the car. ....	_____	_____
19. Nerf bars fastened with nuts + bolts are required in front of rear tires. They must extend beyond the center of the rear tires but not past the outside of the rear tires and of STURDY construction. ....	_____	_____
20. Must have an ignition switch in the cockpit on the steering wheel or the left side of the cockpit. Also, a switch must be mounted on the top left of the roll cage and it must have a 4" pigtail on it for red plate only. ON position must be up or forward. ....	_____	_____

- 21. Roll cages required. Top must be at least 1” taller than the driver’s helmet. ....
- 22. Roll cage must be approved by tech. ....
- 22a. Whiplash protection. Roll cage must prevent driver helmet whiplash. ....
- 23. Roll cages under 34” must have minimum .750 OD tubing. ....
- 24. Roll cages over 34” must have minimum .875 OD tubing on the main wall. ....
- 25. No holes can be drilled in the frame or on the roll cage to attach any support bars. ....
- 26. Side bars are required on the left side and are optional on the right. Side bars must have an  
OD of .500 and a minimum wall thickness of .049. They can be bolted or welded to frame.  
No holes can be drilled in the frame or the cage to mount them. ....
- 27. Four (4) point seat belts are required. ....
- 27a. Belts cannot be more than five (5) years old. ....
- 28. Seat belt mounting must be approved by tech. ....
- 29. Helmets must be Snell 2005 or newer. ....
- 30. Neck collars, arm restraints and gloves are required. SFI Jacket and Jeans or a full suit must be  
worn. ....
- 31. Fitment of safety equipment must be approved by tech. ....
- 32. Metal gas tank required. Two (2) fasteners are required to hold tank, tank must be cushioned,  
cap must be non-vented, and tank must have a ¼ turn shutoff valve. ....
- 33. Exhaust pipe no bigger than 1.250” ID, no more than 6” above the ground, must exit the body, must not go  
past the bumper. Exhaust pipe cannot point at the ground. ....
- 34. Exhaust pipe can be wrapped, but must be shielded from gas and oil. ....
- 35. Side exhaust must be approved by tech. ....
- 36. No carbon fiber wheels. Only 5” or 6” wheels allowed. ....
- 37. Base car weight 160 LBS, minimum, dry, no driver, no personal safety equip. ....
- 38. Ballast (extra weight, not part of car) attached to metal thicker than .090 for aluminum or .058 for steel.  
Ballast must be fastened securely, subject to tech approval. ....

**Weights for car and driver**

Circle the class that applies

Class	Car+Driver Weight	Driver Weight	Driver Age	EB Aprv		
<b>Beginner/120 Honda</b> Red Plate	<b>250</b>	N/A	<b>5 &amp; 6</b>	N/A	<input type="checkbox"/>	<input type="checkbox"/>
<b>Novice/120 Honda</b> Blue Plate	<b>250</b>	N/A	<b>6 – 8</b>		<input type="checkbox"/>	<input type="checkbox"/>
<b>H120</b>	<b>275</b>	N/A	<b>9 – 16</b>		<input type="checkbox"/>	<input type="checkbox"/>
<b>H120 Heavy</b>	<b>325</b>	<b>100 lbs. min.</b>	<b>9 – 16</b>		<input type="checkbox"/>	<input type="checkbox"/>
<b>H160</b>	<b>270</b>	N/A	<b>9 – 16</b>		<input type="checkbox"/>	<input type="checkbox"/>
<b>H160 Heavy</b>	<b>325</b>	<b>100 lbs. min.</b>	<b>9 – 16</b>		<input type="checkbox"/>	<input type="checkbox"/>
<b>Jr. Animal</b>	<b>250</b>	N/A	<b>6 – 8</b>		<input type="checkbox"/>	<input type="checkbox"/>
<b>Sr. Animal</b>	<b>275</b>	N/A	<b>9 – 16</b>		<input type="checkbox"/>	<input type="checkbox"/>
<b>World Formula</b>	<b>340</b>	N/A			<input type="checkbox"/>	<input type="checkbox"/>