

LVQMRC Car Tech Inspection Sheet (Rev 032212)

Tech _____ Owner _____ Class _____ Car # _____ Pass Date _____

Use a check mark for PASS and an X for FAIL

- | | 1 st | 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 and locknuts, 3 on bottom, 1 on back. | _____ | _____ |
| 8. Wheelbase (front to back), 36" minimum, and 60" maximum. | _____ | _____ |
| 9. Wheel tread (side to side), 28" minimum, and 36" 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. Left rear cannot be locked in Beginner Class. | _____ | _____ |
| 13a. Clutch, if used, must have permanently mounted recoil starter accessible without removing tail. ... | _____ | _____ |
| 14. Geared or direct steering only. | _____ | _____ |
| 14a. Steering installed so the tires cannot rub any part of the car, and must not go over center. | _____ | _____ |
| 15. Brakes must have dual piston caliper and a steel rotor (check with magnet). No belt brakes. | _____ | _____ |
| 15a. Brakes must be activated by foot pedal only. | _____ | _____ |
| 16. Front and rear bumpers fastened with bolts+nuts required. Of STURDY construction with
no sharp edges or protrusions. | _____ | _____ |
| 17. Rear bumper must have 2 horizontal bars no less than 4" apart center to center and must have at
least one connecting bar. | _____ | _____ |
| 18. Front bumper must have 2 horizontal bars no less than 2" apart center to center and must have at
least one connecting bar. | _____ | _____ |
| 19. 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. | _____ | _____ |
| 20. 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. . | _____ | _____ |
| 21. 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. ON position must be up or forward. | _____ | _____ |

- 22. Roll cages required. Top must be at least 1” taller than the driver’s helmet.
- 23. Roll cage must be approved by tech.
- 23a. Whiplash protection. Roll cage must prevent driver helmet whiplash.
- 24. Roll cages under 34” must have minimum .750 OD tubing.
- 25. Roll cages over 34” must have minimum .875 OD tubing on the main wall.
- 26. No holes can be drilled in the frame or on the roll cage to attach any support bars.
- 27. 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.
- 28. Four (4) point seat belts are required.
- 28a. Belts cannot be more than eight (8) years old.
- 29. Seat belt mounting must be approved by tech.
- 30. Helmets must be Snell 2000 or better, only Beginners can have DOT helmet.
- 31. Neck collars and arm restraints are required.
- 32. Fitment of safety equipment must be approved by tech.
- 33. 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.
- 34. 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.
- 35. Exhaust pipe can be wrapped, but must be shielded from gas and oil.
- 36. Side exhaust must be approved by tech.
- 37. No carbon fiber wheels. Only 5” or 6” wheels allowed.
- 38. Base car weight 160 LBS, minimum, dry, no driver, no personal safety equip.
- 39. 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

Note: rp = restrictor plate size, cv = carburetor venturi size

Class	Car+Driver Weight	Driver Weight	Driver Age	EB Aprv		
Beginner BS3.0/0.395rp/0.5cv & BS3.5/0.375rp/0.5cv & H120/Red plate/TIII or OK	210	N/A	5-17	N/A	_____	_____
Jr. Novice BS3.0/0.460rp/0.5cv & BS3.5/0.425rp/0.5cv & H120/0.372rp/TIII or OK	235	N/A	5-17	_____	_____	_____
Novice BS3.0/no plate/0.625cv & BS3.5/0.475rp/0.5cv & H120/Blue plate/TIII or OK	260	N/A	8-17	_____	_____	_____
H120 H120/no plate	275	N/A	8-17	_____	_____	_____
B BS3.0/no plate/no cv & BS3.5/no plate/0.625 cv & BS5.0/0.685rp/no cv & H120/no plate/H160carb/TIII or OK	285	N/A	9-17	_____	_____	_____
A(MOD) BS3.5/no plate/0.625 cv & BS5.0/0.685rp/no cv & H120/no plate/H160carb/TIII or OK	HVY-10#	N/A	1yr H/B	_____	_____	_____
H160 Light /no plate	270	N/A	N/A	_____	_____	_____
H160 Heavy /no plate	325	N/A	N/A	_____	_____	_____