

# VMI Technical Inspection Checklist (2020)

General Guidelines:

[http://www.armsinc.ca/wp-content/uploads/2020/03/CNSR\\_National\\_Solosport\\_GCR\\_EN\\_2020.pdf](http://www.armsinc.ca/wp-content/uploads/2020/03/CNSR_National_Solosport_GCR_EN_2020.pdf)

1. Car classification must be in accordance with 2020 SCCA (<https://www.scca.com/downloads/49336-2020-solo-rules-complete-reduced-2020-03-16/download>)
2. Tires – good condition, no exposed cords or cracks in sidewalls
3. Wheel Lugs – tight, none missing
4. Drivetrain – wheel bearings, shocks, steering and suspension shall be properly functioning and in good operating condition
5. Remove all loose items from interior (including floor mats)
6. Seats - must be secure and safely mounted
7. Cameras must be securely mounted (inside or outside) and not interfere with driver vision
8. Seat Belts – good condition, lap belts minimum required
9. Brakes – firm pedal, fluid levels sufficient
10. Pedals – throttle return/spring properly functioning

11. Steering wheel – proper function; spinner knobs not permitted
12. Battery – must be bolted in securely; terminals tightly secured
13. Fluids – no fluid leaks from vehicle
14. Helmet – FIA 8860-2004, FIA 8860-2010, FIA 8859-2015, SNELL 2015 SA, 2015 M, SNELL 2010 SA, 2010 SAH, 2010 M, SFI Foundation 31.1/2015, SFI Foundation 31.1/2010, ECE R22.05/ECE 22.05 (Expiry: 10 years after date of manufacture noted, on unaltered helmet labels, SNELL M not allowed in roll caged cars)
15. Fuel Tank – for fuel cells and/or fuel tank modification or replacement, the following requirements apply if the fuel tank/cell does not fit within the same area as the OE tank.  
No part of the fuel tank or fuel cell shall be closer than 6.0” to the ground unless enclosed within the bodywork and mounted above the floor pan. A metal bulkhead is required that provides total separation between the driver compartment and the compartment containing the fuel tank/cell and/or filler neck. Fuel filler doors in the driver compartment must be positively fastened (non- metallic fasteners are not allowed). For the purposes of these rules, a fuel tank consisting of a structure containing a fuel bladder is considered to be the entire fuel cell including the containing structure. The containing structure of a fuel cell does not qualify as a bulkhead. A separate metal bulkhead must isolate the fuel cell from the passenger compartment.

**NOTE:** VMI Tech Inspector has the right to refuse any vehicle from participating in an event

