

**Definition of inspection requirements of items
listed in the Motor Sport Australia Targeted Scrutiny Scheme.**

Class	Item	Description of Task
Safety Critical	Safety Harness	Ensure all elements of the Harness are in date with the same FIA/SFI Number. Note if harness is labelled "For FHR Use Only" the driver must use a forward head restraint approved by MSA.
Safety Critical	Fire Extinguisher date and test	Check date and check for service sticker (not tags). Applicable to Speed events only unless specified in category regulations
Safety Critical	Safety Cage	Check for damage to the main safety cage structure. MSA safety cage number decal is installed and padding complies with MSA regulations.
Safety Critical	Window Net	Ensure the net release is clearly marked and covers the appropriate area of the window opening. Not required on Historical race cars when competing in a historical vehicle race with no other categories.
Safety Critical	Seat and Mountings	Ensure the seat is mounted securely within the vehicle and complies with MSA regulations. Seats mounted on sliders may move around when tested but the movement must only be in the slider and not the vehicle or seat mounts.
Safety Critical	Suspension	Verify all suspension components are securely attached to the vehicle and are fit for intended purpose.
Safety Apparel	Apparel including Helmet	Verify driver apparel complies with MSA regulations and is in good repair.
Safety Critical	Scatter Shield	Ensure scatter shield is adequate and complies with MSA requirements.
Safety Critical	Chassis	Ensure chassis is in good repair with no cracking or corrosion evident Ensure all attachment bolts are installed and serviceable.
Safety Critical	Braking System	Ensure callipers are clean and dry with no apparent leaks. Verify no leaks from master or slave cylinders (if possible). Check brake pedal operation.
Safety Critical	Steering System	General visual inspection checking for leaks around the steering rack and any slop (play) in the steering system.
Safety Critical	Fuel Tank and Fillers	General condition of fill and vent hoses and mounting of fuel delivery components within the vehicle. Ensure fuel tank is vented to the <i>outside</i> of the vehicle.
Safety Critical	Wheels and Tyres	If specified in the category regulations, ensure the correct tyres are fitted, and are within wear damage limits. Ensure all wheel nuts are installed and valve caps fitted. Inspect rims for cracking.
Safety Critical	Aerodynamic Aids	Ensure securely fastened to the vehicle. Check for any sharp edges particularly on leading edges of splitters. Refer MSA regulations in relation to material types and thicknesses.

If a Safety Critical Item is found to be Non-Compliant a report is to be raised for the Stewards consideration and action as required.

Class	Item	Description of Task
Non - Critical Safety	Interior Cockpit Fittings/Mountings	General visual inspection of all interior fittings to ensure mounting integrity and no loose objects
Non - Critical Safety	Engine and Transmission	Verify no fluid leaks. Ensure all engine accessories are securely mounted (alternator, power steering pumps etc.).
Non - Critical Safety	Power Unit Mounts	Visually inspect engine mounts for cracking, loose or broken attachment bolts.
Non - Critical Safety	Lubrication and Cooling Systems	Inspect for leaks. Inspect any dry sump components for mounting and if required heat shielding.
Non - Critical Safety	Battery Security	Battery markings comply with MSA regulations. Battery is securely mounted and leads are tight.
Non - Critical Safety	Reverse Gear	Check reverse gear operation. (i.e. There is actually a reverse gear and it works). Not applicable to Go Carts.
Non - Critical Safety	Throttle Return	Check for smooth operation, closure of butterflies is applicable and return of pedal.
Non - Critical Safety	Wipers and Demisters	Check operation if fitted.
Non - Critical Safety	Oil Catch tank	If required ensure correct size oil catch tanks are installed. Inspect for leaks.
Non - Critical Safety	Ignition Switch / Circuit Breaker	Ensure isolator cuts all power including engine. External shutoff must be located and marked in accordance with MSA regulations.
Non - Critical Safety	Rain / Tail lights	Check operation of all lights (fitted) including rain light. Rain lights are mandatory on circuit race vehicles. Refer MSA regulations
Non - Critical Safety	Bulkhead/ Walls	Check front firewall and rear bulkhead sealing. Verify no opening in the firewalls exist that would allow the passage of fumes, fuel, oil or fire into the habitat. Not applicable to some Historic Log booked vehicles
Non - Critical Safety	Rear Vision Mirrors	Ensure two are fitted and complies with size requirements
Non - Critical Safety	Towing Points External	Ensure location is identified. Must have the capability to accept a 40mm towing hook or shackle.
Non - Critical Safety	Doors	Ensure all doors are installed and can be closed as manufacturer intended. Verify adequate signage is provided to identify opening process if not readily visible.
Non - Critical Safety	Camera Mounts	Ensure all camera mounts meet Chief Scrutineers requirements.
Non - Critical Safety	Starter Motor	Ensure starter motor is fitted and functional. Not a requirement for some vehicle that utilise an external starter.
Non - Critical Safety	Body Condition	Ensure bodywork is of an acceptable preparation This includes windscreens for cracking and delamination and windows are securely attached.
Non - Critical Safety	Drain Plugs	Ensure all drain plugs are securely fastened.
Non - Critical Safety	Compulsory Signage	Ensure compulsory signage complies with MSA and series regulations

Failure of a Non – Critical Safety Item requires correction before the vehicle returns to the track

Class	Item	Description of Task
Non Safety	Exhaust	Check for location to ensure the exhaust exit point complies with MSA regulations. Check the general condition of the system.
Non Safety	Sponsors Decals	Ensure decals are not offensive. All offensive signage is to be reported to the Chief Scrutineer immediately.
Non Safety	Competition Numbers	Ensure Competition numbers comply with MSA and Series regulations
Non Safety	Body Appearance	Inspect body for damage and appearance. Track damage on the day is acceptable provided it does not present a safety issue. Un-repaired track damage from a previous event is not acceptable. Race tape is not considered to be a permanent repair.
Non Safety	Timing Transmitter	Verify mounting of the transmitter does not allow it to come free during on track activity.

Failure of Non Safety Item requires repairs to be made at the discretion of the Chief Scrutineer