



Vehicle and Equipment
compliance check lists & notes

VEHICLE AND EQUIPMENT CHECK LIST

NOTE: THE OWNER or THEIR DELEGATE IS TO INITIAL EACH ITEM ON THE LIST AS “OK” OR “N/A”

OK	N/A	CHECKED	<u>Owner</u> _____ <u>Group:</u> _____ <u>Make:</u> _____ <u>Model</u> _____ <u>Colour:</u> _____ <u>Year</u> _____
			Licence/s, expiry dates (completed & ok)
			All required lights (including rain lights) working
			Helmet, goggles / visor, attire
			Seat attachment secure
			Lamp glass protected (clear adhesive tape)
			Seat belts (cars only) – type, condition & installation
			Windscreen – laminated or abs plastic
			Wheel centres secured
			Bonnet secure (2 independent fastening systems) (cars only)
			Tyres correctly inflated and valve caps fitted
			Visible oil or fluid leaks around motor, brakes & transmission
			No rust, cracks, holes etc
			Mechanical throttles fitted with 2 x return springs
			No loose OR broken fairings, glazing, bodywork or trim
			Battery firmly attached (terminals taped)
			Competition numbers meet requirements
			Brakes – pedal must have a gripping surface & no sink in <3 seconds
			Battery marker, cut out switch fitted & operable
			Rear vision mirror / s set & safely mounted
			Fire extinguishers, where fitted, must have > 20 g bracket
			Oil catch cans are required for motorcycles and cars with wet sump systems
			Roll bar / cage must meet SFI or generally accepted specifications
			Formula cars and Motorcycles must have a working rain/tail light
			Tail shaft restraints must be fitted so the tail shaft must not be able to fall onto the track surface.
			Chain guard(s) must be fitted on motorcycles

I, verify that this vehicle meets the safety requirements for the Event in which it is entered.

Name: _____ Signed: _____ / ____/202

EVERY item(s) is likely to be checked by the EPs safety scrutineers.

Vehicle and Apparel Requirements vary with activity as follows:

Cars:

Category 1: “Happy Laps”, “Coffee Cruises: and similar

- a) The vehicle must be driven to the track
- b) The vehicle must have current registration with the state’s Transport &/or Main Roads
- c) The vehicle must be able to pass a roadworthy certificate whilst it is on the track
- d) Tow points must be fitted prior to entering the track and easily reached with a bright red ribbon tied to the tow point.
- e) There are no specific requirement for apparel in happy laps

Category 2: Sprints/Regularities/Drifting/Hill Climbs/Agility Tests & Games

- a) ABS & SRS systems may be disconnected at the PAX’s option
- b) In road cars the PAXs must wear non-flammable clothing preferably covering the entire body
- c) In Racing Cars the PAXs must wear FIA/SFI approved non-flammable Suit, gloves boots & balaclava
- d) Helmets must comply with, or exceed, the AS1698 SFI 41.1or the equivalent SFI & FIA standards
- e) If vehicle is road registered or registerable it must meet the roadworthy requirements as 1.b above
- f) If vehicle is not road registerable it must meet the Racing Car standards shown below and apparel defined in c) above
- g) Fire extinguishers, when fitted, must meet AS1841 standard and be secured to ensure they stay in position in the event of a crash.
- h) Tyres must be fit for purpose, not recut or retreaded, and be fitted to rim widths that comply with the Tyre and Rim Association manual and/or ADR requirements
- i) Rear facing red lights for use during rain must be fitted to all vehicles; Brake lights are desirable but not mandatory
- j) Tow points must be fitted, easily reached and clearly marked with a “TOW” sign 50mm high or a bright red ribbon tied to the tow point.

Category 3 Racing:

- a) Minimum Roll Over Protection must meet the relevant SFI, FIA, or acceptable AS/NZ Standards
- b) Minimum four point harness in Sedans and closed sports cars with a reasonably erect driving position, minimum five or six point harness for a reclining position such as in open sports cars and open wheelers to SFI or AS2596 and installed to Australian Automobile Design Rules and Standards.
- c) Oil catch tanks must be fitted that are appropriate to the vehicle and the events being entered.
- d) The PAX’s compartment must be fire-proof from the fuel tank and provide protection against intrusion and de-fragmentation of the engine and driveline.
- e) Driveline components must be restrained to ensure they will not impede the vehicle’s progress or fall onto the roadway in the event of a failure – Tail-shaft Straps are mandatory.
- f) Fuel tanks must be filled from outside the vehicle, vented outside the vehicle and be separated from the PAX by a fire retarding structure. NO fuel pipes may pass through the passenger cabin of a sedan.
- g) Tyres must be fit for purpose, not recut or retreaded, and be fitted to rim widths that comply with the Tyre and Rim Association manual and/or ADR requirements
- h) Bonnets must be restrained in accord with ADR requirements with two separate retaining systems
- i) Cars must have adequate rear vision mirrors to see approaching traffic.
- j) Fuels are not to be mixed at the circuit. Fuels containing Alcohol must have a 150mm red circle containing a white letter “A” prominently displayed on each side of the vehicle near the competition number.
- k) When required to retain potentially broken glass strong adhesive tape must be fitted to all forward facing glass
- l) Fire extinguishers, when fitted, must meet AS1841 standard and be secured to ensure they cannot injure the PAX in the event of an accident.
- m) Rain lights must be fitted to all open wheel formula cars.
- n) Two throttle closing springs must be fitted to independent anchor points with mechanical throttle actuators
- o) Wooden Steering wheels are not acceptable for racing
- p) Cars must be fitted with a Blue Triangle beside an external battery isolator for recovery crews to isolate power
- q) Tow points must be fitted, easily reached and clearly marked with a “TOW” sign 50mm high or a bright red ribbon tied to the tow point.
- r) Fuel lines must be secured to the body/chassis, flame resistant and be external to the cabin or cockpit whenever possible
- s) All seats must be securely attached to the chassis in a suitable manner and able to withstand robust handling.
- t) To minimise flail injuries an arm restraint is highly recommended in all vehicles. Arm restraint tethers should be used wherever practical especially in open wheel & open sports cars. On sedans if window nets are not fitted to the vehicle windows should be open by no more than 100mm.
- u) Numbers must be displayed on both sides of the vehicle, either white on black or black on white, with 230mm high Helvetica Bold lettering on a 450mm round or square background, Yellow numbers at least 150mm high in Helvetica Bold may also be displayed on the windscreen.
- v) In groups with highly different lap times bright forward facing LED lights (fast car warning lights) must be fitted to every car that has a lap time 0.85 x the slowest lap time in the group. i.e. slowest lap time is 60 secs x .85 = all vehicles 51 seconds and faster must have fast car warning lights.

Racing Apparel:

- a) Helmets must comply with, or exceed, the AS1698 SFI 41.1 or the equivalent SFI & FIA standards
- b) A HANS or FHR device compliant with SFI 38.1 is MANDATORY for all forms of racing & highly recommended for Cat 2 events where the car is fitted with a 4,5,6 point harness
- c) Full face helmets must be worn in open cars – no glass is permitted in accord with SFI 41.1
- d) PAXs must wear one piece overalls which meet the requirements of SFI 3.2A, or SFI 40.1
- e) Boots, socks, shoes, balaclavas and gloves must be made of Nomex or a similar flame protecting material complying with SFI 3.3, or FIA equivalents

Motorcycle Events:

Category 1: Happy Laps/Coffee Cruises and similar

- a) The motorcycle must be ridden to the track.
- b) The motorcycle must have current registration with the state's Transport &/or Main Roads.
- c) The motorcycle must be able to pass a roadworthy certificate whilst it is on the track.
- d) Motorcycle riding jacket and riding pants.
- e) Gloves preferable leather motorcycle gloves and cover your wrists.
- f) Enclosed Footwear preferable motorcycle leather boots.
- g) Road Helmet displaying the AS sticker or the equivalent with no cracks or damage to the integrity of it.

Category 2: RideDay/RideNight

The motorcycle is in good working order.

- a) Any part of the motorcycle that has a sharp edge must be taped up, so the edge is no longer sharp.
- b) Lubricate the chain & wipe off excess oil and adjust to the correct tension.
- c) Fit knobs on foot pegs.
- d) Mirrors taped over and preferably folded in but preferably removed.
- e) Brake lights and tail lights must be nonoperational. If you are unable to disconnect the brake and tail lights, they must be taped over so that no light becomes visible from them.
- f) Headlights may remain untaped but glass headlights must be taped over.
- g) Tyres must be in good condition with plenty of tread and only street or road racing tyres (including slicks) are allowed (i.e. no dirt bike knobbies etc.).
- h) The valve stems MUST have caps on them.
- i) Tape over your wheel weights.
- j) Control levers must have ball ends at least 10 mm in diameter.
- k) Fully operational brakes both front and rear.
- l) Engine kill switch on handlebar.
- m) Kickstand must be spring loaded and self-retaining – it must not be able to “accidentally” come down. If you have a set of stands we strongly recommend you zip tie the kickstand in place and if your bike has a kickstand kill switch this is even more necessary.

Apparel Requirements:

All riding gear must be in good condition with no obvious faults or structural damage.

- n) Full leathers either a one-piece or two-piece that zips up all the way around.
- o) Gloves must be leather motorcycle gloves and cover your wrists.
- p) Footwear must be motorcycle leather boots & cover at least your ankles.
- q) Back protector can be built into the suit or if a separate piece must meet appropriate standards.
- r) Helmet must be full-faced displaying the AS sticker or the equivalent with no cracks or damage to the integrity of it. Must have visor fitted.

Category 2: Race Your Mates

The motorcycle must be in good working order.

- a) Motorcycles with street gear still fitted must have their head, tail/brake and indicator lights taped up to a level where it is not possible to see the lights if they are on.
- b) Horns must be disconnected or the switches taped up so they cannot be used.
- c) Rear Vision Mirrors and Registration number plates must be removed.
- d) Any part of the motorcycle that has a sharp edge must be taped up so the edge is no longer sharp.
- e) All tyres must still have minimum thread depth indicators visible and must not be damaged.
- f) Both front and rear brake levers must have a firm lever that does not travel back to the bar or peg when compressed and pads must have at least 50% of material left at the start of the day.
- g) Throttle must automatically return when let go and the machine must idle at or near the factory settings.
- h) No fluid leaks on the motorcycle.
- i) Drive chain and sprockets must be in good condition and adjusted correctly and the chain properly lubricated.
- k) Steering head bearings must be well adjusted.

Track Bikes without Street Gear:

- l) If your motorcycle is a track day prepared or an existing race bike then your bike must also conform to the above relevant points: d-k above.
- m) All existing race numbers must be removed.

Apparel Requirements:

- n) Full leathers either a one-piece or two-piece that zips up all the way around with no structural damage
- o) Full face helmet (undamaged) which meets the required AS or equivalent international standard. Must have visor fitted.
- p) Back protector can be built into the suit or if a separate piece must meet appropriate standards.
- q) Leather motorcycle gloves that provide protection for knuckles and wrists and overlaps your suit.
- r) Motorcycle boots (above ankle) in good condition.

Category 3: Racing

The motorcycle is in good working order and has no faults or fluid leaks and is structurally sound.

- a) Axle nuts must have split pins fitted if provision is made for one.
 - b) Sump Plug must be drilled and lock wired.
 - c) Oil filter must be fitted with a clamp and lock wired.
 - d) Brake caliper securing bolts must be drilled and lock wired.
 - e) Radiator cap must be drilled and lock wired.
 - f) Engine Oil filler cap must be drilled and lock wired.
 - g) Coolant drain plug and bleed screw to be lock wired.
 - h) Belly pan must have a hole in the bottom at each end and have removable plugs.
 - i) Acceptable Lower chain guard must be fitted to swing arm.
 - j) Steering Head bearings must be adjusted correctly with no free play.
 - k) Swinging arm bearings/bushes must be in good condition with no side to side free play.
 - l) Wheel bearings must have no free play.
 - m) Chain must be adjusted correctly and lubricated and the chain must be endless without a master link
 - n) Engine side covers must have suitable protection if deemed to be in danger of leaking oil in the event of a crash.
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- o) Fork seals must not be leaking.
 - p) Front and Rear Brake must be operational.
 - q) Foot pegs and gear lever are to be in operational condition, sharp edges must be rounded.
 - r) Clutch and Brake levers cannot be broken or have any sharp edges.
 - s) Mufflers must not have a sharp edge on the outlet exhaust.
 - t) No sharp edges allowed, any sharp edge must be removed from rolling frame, screen and fairings.
 - u) Fairings, any cracked/broken sharp edges that are exposed must be at least taped so as not to be dangerous
 - v) Bikes must have fitted front break lever crash protection guards
 - w) Handlebars need to be solid or have the ends plugged.
 - x) Throttle action must be smooth and must automatically return freely to closed position when let go.
 - y) Radiator must contain water and/or non-glycol coolants. Glycol and coolants manufactured with glycol are not allowed.
 - w) Overflow hoses to be discharged into your airbox or catch overflow bottle of no less than 400 ml for your hoses to go into.

Apparel Requirements:

- n) Full leathers one-piece with no structural damage
- o) Full face helmet (undamaged) which meets the required AS or equivalent international standard. Must have visor fitted.
- p) Back protector can be built into the suit or if a separate piece must meet appropriate standards.
- q) Leather motorcycle gloves that provide protection for knuckles and wrists and overlaps your suit.
- r) Motorcycle boots (above ankle) in good condition.