

Scrutineering Checklist

Street Cars

Engine bay checks are done with the car ignition is off, car is in Park, hand break applied and the driver is out of the car. Once all the above has been applied, the below inspection can take place:

1. Have held a Provisional or Full Drivers/Riders Licence.
2. ANDRA do not stipulate that a "Street Car" must be road registered, However as we are running a event for Street Registered Cars only, a copy of our Current Vehicle registration Papers is required.
3. Check competitor has long sleeve shirt/jumper, long pants & closed shoes. This rule applies to cars slower than 11.00 seconds (1/4 mile or equivalent), or Modern Street Cars slower than 10.00 seconds (1/4 mile or equivalent). If the car is quicker, then further personal protective equipment is applicable. Please see page 274 of the Rulebook or the via Vehicle and Driver / Rider Requirements by ET (Separate Document)
4. Check helmet is in overall good condition. Helmets are only to be accepted if they are listed within ANDRA Competition Rulebook on pages 268 -271 or via Vehicle and Driver / Rider Requirements by ET (Separate Document)
5. Check Battery is secure, if not you can use anything (rope, cable tie etc) to secure. Additionally, A 75 mm (3 inch) equilateral triangle, coloured blue, or another contrasting colour where necessary, is required on all vehicles fitted with a battery or batteries to accurately indicate their location/s. (See Entry Pack)
6. Check Radiator/Cooling System has an overflow tank. Can or coke bottle is OK and be no more than half full. All vehicles with any type of Liquid Overflow capable of discharging liquid onto the racing surface must have a catch-can, with a minimum capacity of 600ml. All liquid filler caps must be positively retained.
7. Check throttle has a return spring by twisting throttle & releasing. Each car, regardless of class, must have a foot throttle, incorporating positive action return spring/s attached directly to the throttle-arm and must register a minimum pull of 0.9 kg (2 lbs) measured at the driver's throttle control. See 4.6.5 of the Rulebook.
8. General check for oil leaks, overall condition etc, additionally, air-conditioning systems must be off when racing to prevent dripping liquid onto the racing surface.
9. Carburetted Cars with hole in the bonnet must run an air filter – as per Vehicle Registration guidelines, All Carburetted cars must have an Air Filter Installed incase of Backfire.
10. If the vehicle has an intercooler/water sprayer, advise the racer it IS NOT TO BE USED. If they say its std & factory programmed, tell them to pull the fuse. Additional Requirement of the ANDRA Rule Book Under Section 4.6.1 ***Intercoolers must be sealed to prevent coolant dropping on to track surface.***
11. Check for condition of driver's seatbelt, not frayed etc. There are a number of different requirements for quicker vehicles. See pages 277-278 of the Rulebook or via Vehicle and Driver / Rider Requirements by ET (Separate Document) Note that under no circumstances is a lap belt allowed. The minimum requirement is a standard 3-point seat belt.
12. Check seat is securely mounted & no "play". If a Fixed Back Race seat is installed, it must be ANDRA approved and Engineered.
13. If vehicle has an automatic transmission, ask the racer to demonstrate it will not start in gear as per 4.9.3 in the Rulebook.
14. Ensure entire fuel system, surge tanks, lines etc are outside of the drivers compartment, if it is a hatchback/wagon etc, can be covered/shielded/boxed etc. The Entire Fuel system must meet the requirements set in 4.5.4 and 4.5.5 of the Rulebook.

15. All wheel studs must be present with wheel nuts tightened. Space-saver wheels/tyres are not allowed, as per 4.15.3 of the Rulebook.

Also other requirements within 4.15 of the Rulebook;

- All treaded tyres must have a minimum tread depth of 1.6 mm (1/16 inch).
- All vehicles exceeding 160 mph (255 kph) are required to use tyres specifically built for Drag Racing use.
- Cars quicker than 12.50 seconds (1/4 mile, or equivalent) using independent front suspension and cross-ply rear tyres are not permitted to use radial front tyres.
- If the car is road registered and fitted with radial rear tyres, it may use radial front tyres to a performance of 9.00 seconds (1/4 mile, or equivalent).
- Otherwise, if a vehicle is not road registered and is fitted with radial rear tyres and is rear wheel drive it may use radial front tyres to a performance of 10.00 seconds (1/4 mile, or equivalent) / 140 mph.
- Metal valve caps with seals are required on all wheels.

16. Ensure Wheel Trims/Hub Caps are removed, as per 4.15.3 of the Rulebook.

17. If vehicle has nitrous, write an N on the back window, ensure system has 3 switches & blue light on dash when system is active, as per 4.7.4 of the Rulebook.

A prominent blue warning light must indicate when the system is armed. This light must be visible to the driver of the vehicle when in a racing position.

All vehicles using Nitrous Oxide must display markers located on the outside of the vehicle, in the vicinity of the supply bottle and in the top left corner of the front windscreen. The marker shall be a yellow diamond, with N2O printed in black letters. These are available from ANDRA.

Also note that Bottles should be mounted to manufacturer's specification. Bottles must be equipped with on/ off taps. Bottle shut-offs requiring special keys are not acceptable. Bottles used must be purpose built for use with Nitrous Oxide.

18. Rocker covers are to vent to a catch can or back into intake, ie no vents to atmosphere.

19. No loose dipsticks. Fasten with a spring, cable tie, wire etc if required.

20. Noise test: No greater than 110dB when tested as per the '*National Stationary Exhaust Noise Test Procedures*'. See separate Tech Bulletin on the MCDRA website and Google search the procedures.

Motorcycles

As per above, where relevant.

A full face helmet (AS/NZS 1698) and is in overall good condition. Check helmet is in overall good condition. Helmets are only to be accepted if they are listed within ANDRA Competition Rulebook on pages 268 -271 or via Vehicle and Driver / Rider Requirements by ET (Separate Document)

Where the bike runs faster than 6.36 (1/8th mile) or 9.99 (1/4 mile) leathers are required in accordance with ANDRA document: Vehicle and Driver / Rider Requirements by ET (Separate Document)

If it doesn't look safe, it won't pass.

Safety Officer's decision is final.

Merv Cahill
Safety Officer

September 2019