



# Launceston & North Cornwall Motor Club Ltd

Member of the Association of South West Motor Clubs

## SPORTING TRIAL Full Scrutineers' Check List

1. **No trials car is to be scrutineered unless the driver has signed-on and its log book (BTRDA Events) has been presented and checked.**

2. **Check any outstanding defects** from previous trials have been corrected.

3. **Sign-off corrected items** in car log book and scrutineers' car defects log.

### WORKING FROM REAR OF CAR

4. **Ballast** – Visual check to assess security. Advise driver ballast must not be carried – throughout the event – 50 penalty points per offence – Motor Sport UK 'Blue Book'.

5. **Differential Test** – The objective is to check that each individual rear wheel can be stopped separately. In the event the car jumps off the rollers, the differential is failed.

The test may be repeated and if successful the differential test is passed. In the event the car still jumps off the rollers then the car is failed and the Scrutineer must report the matter to the Clerk of Course and Secretary of the Meeting. All Championship contenders must be fitted with a Red Seal from Sharp Diff Test.

6. **Front brake test** - both front brakes must be seen to be working to stop the car.

7. **Battery Isolator Test** – With the engine still running turn the battery isolator switch to the off position. The switch should be mounted on the rear of the car, in an accessible position and marked accordingly. The engine must stop immediately. If running on occurs this may be due to an alternator is fitted without the correct master switch isolation of the ignition.

8. **Security checks of the battery** – There should not be any electrolyte leakage from the battery, and the positive terminal must be insulated. The battery must be securely fastened down.

9. **Security of the fuel tank** – [including gas cylinders]. Tank or cylinder must be fastened down. No fuel or gas leaks allowable. Visual check of fuel pipes where possible. Check operation of gas solenoid(s) where applicable.

10. **Visual check of suspension** components and fasteners. Rocking or bouncing of the car is a good indication of the condition of the rear suspension. Rear detachable seats must be secured. A look under the rear of the car, - visual check lower suspension fasteners and fittings.

11. **Brake pipe visual checks** – fluid leaks, rust, kinks, worn cracked flexible pipes etc.

12. **Rear Wheel Nuts** - rock rear wheels checking for loose wheel nuts.

13. **Tyre pressure(whatever is set) check to Master gauge**

### COCKPIT OF CAR WITH BONNET REMOVED

15. **Rear brake levers test** - pull on both levers make sure they pull up hard. Check fluid levels in reservoir.

16. **Front brake pedal test** – press the pedal until hard, check fluid level in reservoir.

17. **Accelerator pedal** - check linkage between pedal and carburettor. Check closing springs of carburettor are in place and press pedal to test they operate correctly.

18. **Engine compartment checks** - visually look for fuel and coolant leaks on pipes and fittings that any moving or rotating engine parts are shielded or cannot come in contact with pipes and electrical wiring. Check there are no wires or pipes dangling below car [except open ended breather and radiator blow-off pipes. No coolant header tanks or fuel pumps should be mounted in a position where a leak could spill into the cockpit.

19. **Other checks** – radiator and cooling fan security, visual check of coolant pipes for leaks, chafing or cracking.

### FRONT OF CAR

20. **Check of front suspension** – components and fasteners – bouncing car will indicate condition.

21. **Check of steering linkages** – driver moves the steering wheel while scrutineer checks movement. Rock wheel and check for kingpin wear.

22. **Front wheel check** – run finger round spokes [both sides of the wheel] this will show up any loose spokes by a dull ring or rattling sound.

23. **TYRES must comply with latest Motor Sport UK Yearbook ie Yokohama GT Classic Y350 H, NankangCX668, T-Trac2.MaxxisMA-510N. Tyres previously listed in Motor Sport UK Yearbooks ,including Toyo330 can compete for class award only & may not be included in overall classification. All cars in post historic class can use tyres in accordance with T14.81 &T14.82.**

### GENERAL

24. **Bodywork check** – a visual check of mudguards and general condition of bodywork – loose / sharp panels etc., can be made whilst working round the vehicle.

### Recording and QA Checks

25. **Record reportable defects** – enter defects in Scrutineers' Car Defects Log **and** Car's Log Book (if appropriate). Serious defects to be reported to Clerk of Course for decision as to whether the car may compete or not.

26. Dated 3/4/2024

