# OFF ROAD VEHICLES

## Scrutineering Check List (Pre-Event Check)

The regulations for Off Road vehicles appear in this section of the Manual of Motor Sport. They are written so that persons interested in relevant specifications should refer to:

1. the General Requirements for Off Road Vehicles (GR);
2. the Specific Requirements for the particular class of car (SR);
3. the specialised Schedules relating to roll over protection etc contained in "General Requirements for Cars and Drivers" in the CAMS Manual of Motor Sport.

Prior to participation in any Off Road event, cars are checked by scrutineers for the following items:

1.0 CLASS ELIGIBILITY
- Yes ☐ No ☐

2.0 "P" PLATES REQUIRED
- Yes ☐ No ☐

3.0 COMPETITION NUMBERS AND OTHER MARKINGS
- 3.1 Rear
- 3.2 Roof fin
- 3.3 Size
- 3.4 Colour
- 3.5 Advertising complies

4.0 BATTERY MARKER TRIANGLE
- 4.1 Colour
- 4.2 Size

5.0 HELMETS AND EYE PROTECTION
- 5.1 Type
- 5.2 Condition

6.0 APPAREL FOR ALL CREW

**WITH DRIVER AND CO-DRIVER SEATED, HELMETS ON**

7.0 HELMET CLEARANCES
- 7.1 Main hoop height
- 7.2 Padding
- 7.3 50mm roof clearance

8.0 HEAD RESTRAINT
- 8.1 Size
- 8.2 Suitability

9.0 ROOF LENGTH FORWARD

10.0 HARNESS
- 10.1 Position / angles
- 10.2 Chaffing

11.0 ARM RESTRAINTS/NETS
- 11.1 Fastening
- 11.2 Effective

**ELECTRICS — WITH DRIVER SEATED**

12.0 REAR DUST LAMP
- 12.1 Ignition operated
- 12.3 Position / protected
- 12.4 Intensity
- 12.5 Globe type

13.0 BRAKE LIGHT
- 13.1 Function
- 13.2 Intensity

14.0 HORN
- 14.1 Function
- 14.2 Intensity

15.0 WINDSCREEN
- 15.1 Condition
- 15.2 Washers and wipers

**EQUIPMENT (possibly with driver seated)**

16.0 REAR VIEW MIRRORS
- 16.1 Two of
- 16.2 Mounting
- 16.3 Size
- 16.4 Functional

17.0 FIRE EXTINGUISHERS
- 17.1 Type
- 17.2 Capacity
- 17.3 Operable
- 17.4 Mounting

18.0 FIRST AID KIT
- 18.1 Accessible
- 18.2 Weatherproof
- 18.3 Contents

19.0 REFLECTIVE WARNING TRIANGLES
- 19.1 Accessible
- 19.2 Effective
- 19.3 Size

20.0 TOW ROPE
- 20.1 Effective
- 20.2 Length
- 20.3 Accessible

21.0 EQUIPMENT SAFE AND SECURE CONSTRUCTION

22.0 ROOF
- 22.1 Height above seat
- 22.2 Material / dimension
- 22.3 Mounting

23.0 ROLL PROTECTION
- 23.1 Type and configuration
- 23.2 Material / dimensions
- 23.3 Mounting
- 23.4 Condition

24.0 CHASSIS/FRAME
- 24.1 Condition
- 24.2 Design / dimensions

25.0 SIDE INTRUSION BARS (Pro, Prolite, Super 1650, Sportsman, Extreme 2WD and Clubman)
- 25.1 Dimensions
- 25.2 Mounting

26.0 AERODYNAMIC DEVICES
- 26.1 Dimension
- 26.2 Mounting

27.0 TOWING POINTS
- 27.1 Front
- 27.2 Rear
- 27.3 Colour

28.0 OCCUPANT PROTECTION
- 28.1 Floor
- 28.2 Side intrusion
- 28.3 Front
- 28.4 Rear
- 28.5 Panels secure

29.0 SECONDARY BONNET CATCHES

30.0 PASSENGER COMPARTMENT SAFE
- 30.1 Free from sharp objects

31.0 FIREWALLS
- 31.1 Engine
- 31.2 Fuel tank and system
- 31.3 Floor fuel drainage

32.0 FUEL TANK AND LINES
- 32.1 Construction
- 32.2 Mounting
- 32.3 Sealed filler cap
- 32.4 Fuel lines and hoses secure — clamps tight



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## SEATS AND HARNESSES

33.0 SEATS
- 33.1 Size
- 33.2 Condition
- 33.3 Secure
- 33.4 Mounting
- 33.5 Protection

34.0 HARNESSES
- 34.1 Type / standard
- 34.2 Webb condition
- 34.3 Buckle condition and operation
- 34.4 Mounting
- 34.5 Secure
- 34.6 Crotch strap
- 34.7 Age

## UNDER BONNET/ENGINE BAY

35.0 BATTERY
- 35.1 Secure
- 35.2 Contents not leakable or battery covered

36.0 FUEL LINES/HOSES
- 36.1 Condition
- 36.2 Clamped
- 36.3 Secure

37.0 THROTTLE RETURN SPRING/S

38.0 HOLES IN FIREWALL

39.0 ENGINE MOUNTING

40.0 OIL LEAKS
- 40.1 Fire risk

41.0 EXHAUST
- 41.1 Leaks
- 41.2 Fire risk
- 41.3 Position / termination point

## STEERING SYSTEM

42.0 STEERING WHEEL
- 42.1 Condition
- 42.2 Secure

43.0 STEERING COLUMN
- 43.1 Lock removed
- 43.3 Collapsibility

44.0 STEERING PLAY
- 44.1 Column
- 44.2 Steering box / rack
- 44.3 Steering box / rack mounting
- 44.4 Tie rod ends

45.0 LOCKING DEVICES
- 45.1 In place; eg, split pins, lock nuts

## SUSPENSION AND DRIVE TRAIN

46.0 FRONT AXLE PLAY AT
- 46.1 Wheel bearings
- 46.2 King pin / link pin / ball joint

47.0 FRONT SUSPENSION
- 47.1 Shackles / "U" bolts secure
- 47.2 Excess play at pivots / bushes
- 47.3 Shock absorbers secure

48.0 WHEEL NUTS
- 48.1 All fitted
- 48.2 Secure

49.0 METAL TYRE VALVE CAPS

50.0 REAR SUSPENSION
- 50.1 Shackles / "U" bolts secure
- 50.2 Excess play at pivots / bushes
- 50.3 Shock absorbers secure

51.0 TRANSMISSION
- 51.1 Secure
- 51.2 Oil leaks

52.0 TAIL SHAFT STRAP
- 52.1 Suitable
- 52.2 Secure

53.0 UNIVERSAL/CV JOINTS — DRIVE SHAFTS/CHAINS
- 53.1 Secure
- 53.2 No excess play

## BRAKING SYSTEM

54.0 MASTER CYLINDER
- 54.1 Type
- 54.2 Secondary brakes?
- 54.3 Cylinder mounting
- 54.4 Leaks
- 54.5 Fluid level
- 54.6 Pedal travel

55.0 BRAKES HOSES AND PIPES
- 55.1 Condition
- 55.2 Secure
- 55.3 Protected
- 55.4 Leaks

56.0 BRAKE SYSTEM HARDWARE
- 56.1 General condition of callipers, discs, drums etc

## TESTS

57.0 BRAKE TEST (if possible)

58.0 REVERSE GEAR TEST

59.0 NOISE LEVELS (if required)

60.0 ADDITIONAL EQUIPMENT (if specified in event regulations)



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