

## CHAPTER ELEVEN – All Terrain Vehicle (ATV) (Off Road)

- 11.1 These rules are supplementary to the Manual of Motorcycle Sport.
- 11.1a These rules apply to three and four wheeled competition.
- 11.1b ATVs may compete in all types of events provided that the course has been laid out with due consideration for the machines and does not encroach onto public roads.
- 11.2 Construction/Technical
  - 11.2a All ATVs used in MNZ sanctioned events must be constructed such that the rider sits astride a motorcycle type frame and controls the machine using a handlebar, and has a motorcycle engine and a maximum dry weight of 350kgs.
  - 11.2b All head and tail lights must be removed or securely taped.
  - 11.2c All non standard fittings that may be of a dangerous nature must be removed.
  - 11.2d Brakes are essential in all types of competition including speedway type events.
  - 11.2e All machines will be fitted with an operational tether kill switch. The tether kill switch must not be fitted in such a way that it may be overridden, and must be securely attached to the rider.
  - 11.2f Race numbers must be 150mm minimum. Black numbers with white background, centrally mounted on the front and rear of the bike. Accent colour or shadowing in immediate vicinity of all numbers is not allowed with all numbers having a clear zone of 15mm. Riders must also have clear 150mm high numbers on their back.
  - 11.2g Under no circumstances shall the forks protrude above the cross bar of the handle bar.
  - 11.2h Maximum width of an ATV will be 1350mm.
  - 11.2i Nerf bars – Nerf Bars are mandatory for Motocross, Speedway and Miniature TT events and are recommended for all other events. If these are fitted then the webs must also be fitted such that it is not possible to step inside the nerf bar.
  - 11.2j No anti roll bars shall be fitted (Anti roll over bar).
  - 11.2k Fuel – See 10.17
  - 11.2l No carriers are permitted on machines at any events

- 11.2m An extension on a thumb throttle lever cannot be any more than 20mm longer than what that ATV came out with from the factory.
- 11.3 **Conduct of Competition:** Except in the following circumstances, juniors and seniors shall not compete or practice together for Motocross, Speedway or Miniature TT. The circumstances where juniors and seniors may compete or practice together are as follows:
- Juniors at club days:** At club days with up to four juniors over 12 years of age present, these riders can ride with Senior B grade riders provided that the Steward of the Meeting considers that this can be done safely. If there are more than four junior riders over 12 then a separate race is to be held.
- From age 15, women in any all women class  
From age 12, at any club day  
At any event that MNZ may from time to time approve, such approval, and any conditions of approval to be noted on the event permit.
- Competing or practicing with seniors in such circumstances will not affect the junior rider's status.
- A Junior cannot compete in both junior and senior competition on the same day. If the steward considers that a junior rider is not competent enough to ride in senior competition (s)he may direct that rider to return to junior competition.
- 11.3a At club day's senior classes are optional.
- 11.3b All riders are entitled to outside help in up righting their machine after a crash or removal of bike from the track, providing it is safe to do so.
- 11.3c All Juniors are to run non speedway tyres at Speedway events.
- 11.4 Additional Rules that apply to Championship/National/Island Title events only:  
The following titles are available for annual competition in each senior capacity:  
NZ ATV Motocross Championship – Must have Championship licence  
NZ ATV Speedway National  
NI ATV Motocross Title  
SI ATV Motocross Title  
NZ ATV TT National  
NZ ¼ Mile Flat Track National  
These championship/National/Island Title events are to be competed for in a calendar year.
- 11.4a Championship/National/Island Title capacity classes: see Appendix A  
The top 5 riders of the Premier class can use their numbers from results of the previous seasons NZ ATV Motocross Championship. In addition, all New Zealand ATV Motocross champions from a championship class have the option to display the number one (1) in that class only until the next New

Zealand ATV Motocross championship is run. They may not run the number one (1) in any other class during that season.

- 11.4b **Superquad:**  
1500mm maximum width  
750cc multi cylinder 4 stroke and above.  
Must be a Motorcycle motor.
- 11.4c Each class will be run if six entries are received at entry closing time.
- 11.4d Should minimum entries not be received then the organisers may combine like performance classes for racing but Championship/National/Island title points can only be taken by machines eligible for the particular Championship/National/Island title class.
- 11.4e NZ ATV Motocross Championships/Nationals/Island titles will be completed over a minimum of one round and maximum of three rounds. Early rounds will host 5 races per class at a one day event. The final round will have 7 races per class over two days. All races will count towards the title. Final round is compulsory.
- 11.4f Start areas for ATV MX Championships/Nationals/Island titles must provide for single row starts with a minimum of 30cm between machines, measured from wheel to wheel.
- 11.4g **Under 21 Cup**  
Any senior rider under 21 years of age on the first day of competition is eligible from any championship class. Highest points tally over the ATV MX National Championship weekend. Once having won this Cup once, a rider is ineligible in the future.
- 11.5 Production Class (Junior ATV) See Appendix A
- 11.6 **Production class modifications (0-100cc, 125cc, 250cc and 450cc):**  
These are production classes. The changes are for safety and cosmetic purposes only. The engine, chassis and suspension must be standard if it's not on the below list it is not allowed.
- 11.6a The use of aftermarket parts that are of OEM specifications is allowed along with OEM parts from one year model to another.

Parts	Rule
Gear Shifter/Brake Pedal	Free to amend
Air Filter	Free to amend – can change filter mount to filter
Brake Discs	Free to amend
Brake Pads	Free to amend
Radiator and Radiator hoses	Free to amend

Axle and Nuts	Free to amend
Bearing Carrier	Free to amend
Graphics	Free to amend
Chain & Sprockets	Free to amend
Handle Bars/Grips/Clamps/Steering Stem	Free to amend
Exhaust	Tail pipe slip on only (98dbA) 450cc class only
Plastics & Nose Cone	Free to amend
Skid Plates/Belly Plates	Free to amend
Starter Switch	Free to amend
Painting Frame/Powder Coating etc.	Free to amend
Bumpers/Grab Bars etc.	Free to amend
Handbrake	Free to amend
Clutch/Brake Levers	Free to amend
Bling Parts (Oil Plugs/Brake Covers etc.)	Free to amend
Tail Lights/Headlights	Free to remove
Handguards	Free to amend
Seat & Covers	Free to amend
Chain Guides	Free to amend
*CDI/ECU/Cherry Bomb	Free to amend
Steering Dampeners	Free to amend
Carb	Re jetting only
Battery Box	Free to amend
Piston & Rods	Aftermarket okay, but must be standard compression specs.

\*Refer to 11.6d

- 11.6b Production 450:
- i. A maximum width of 1250mm is allowed. The caster and camber must be of original OEM specifications and must be fixed (non-adjustable).
  - ii. Ride height adjustment allowed with brackets, linkages, struts or straps.
  - iii. Yamaha YFZ450 and YFZ450R are exempt from rule 11.6a and are not to be considered the same model.
  - iv. Production 250: 300cc 4 stroke bikes are allowed but the bikes must be OEM specification. Changes are only permitted as per rule 11.6
- 11.6c All Production class bikes are allowed to remove the airbox bung from the bottom of the airbox.
- 11.6d The following Production classes are to run factory OEM supplied CDI.
- Production 125cc
  - Production 250cc
- 11.7 **ATV Speedway:**  
New competitors shall ride at three (3) compulsory practices or have approval by the event Steward and/or the ATV Commissioner prior to taking part in

Open Competition & Speedway Competition, the organising club may choose to provide guidance by way of a mentor.

- 11.7a The maximum number of ATV starters at a Speedway event is **16** per race, at the discretion of the Steward. This number may be reduced if necessary.
- 11.7b Should the track be loose surface; ATV's must use Off Road Tyres. Should the track be clay based ATV's must use Speedway Tyres. The permit application & entry form (should there be one) must state the type of tyres to be used.
- 11.7c Junior riders are required to wear high visibility vests, to be supplied by the host club.
- 11.7d For NZ Speedway titles a full field, rotating grid will be used so that each rider has at least one front row start.