

**Damien McKern Rule Submission
October 2011 – Sports Modified**

This rule submission is submitted in line with the requirements of the ANDRA 2011/2012 Rule Book, section 1.8.5

Submission Author:
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Involvement in Drag Racing:

The submission Author is an active competitor in the Super Compact Bracket, having been an ANDRA Licence holder for 9 years and securing 2 National Super Compact Championship

Proposed amendment to existing rule:

The proposed amendment to the existing rule is to allow for the addition of two new classes allowing all wheel drive vehicles to have the opportunity to race with a representative index. Proposed amendments are shown below as, Original text in black, **Strike out means delete**, **Additional text in blue**.

Page 146

Sports Modified Eliminator

Minimum Weights

AA/SM 6 cylinder (4.0 litre max)	Two wheel drive	2400lbs minimum
BB/SM Triple rotor	Two wheel drive	2200lbs minimum
CC/SM Twin rotor / 4 cylinder	Two wheel drive	2200lbs minimum
DD/SM 6 cylinder (4.0 litre max)	All wheel drive	2800lbs minimum
EE/SM 4 cylinder	All wheel drive	2400lbs minimum

Reasons why the rule amendment should be considered

Currently the indexes and classes do not separately provide for all wheel drive vehicles. Currently we have had several cars set world records for all wheel drive and in the course of doing so have not been competitive due to the performance differential between all wheel drive and rear wheel drive vehicles.

This rule change would result in all wheel drive vehicles being competitive if given their own index, thus promoting the competition of all wheel drive vehicles in sport compact and increasing competitor numbers and competition.

It would also be suggested that the index for DD/SM be set at 8.06, representative of the fastest 6 cylinder All wheel drive sports modified vehicle, currently Reece Macgregor (7.56@190.11), plus 0.50 seconds. Reece's vehicle weighed 2910lb so is in line with the suggested minimum weight. As a comparison Mark Jacobsen's vehicle weighs 2870lb and has a best of 7.603. BB/SM where these vehicles currently race has an index of 7.80 however BB/SM legal vehicles have run as fast as 7.03.

It would also be suggested that the index for EE/SM be set at 8.44, representative of the fastest 4 cylinder All wheel drive sports modified vehicle, currently Nick Zervos (7.94@176.96), plus 0.50 seconds. Nick's vehicle weighed 2410lb so is in line with the suggested minimum weight. CC/SM where these vehicles currently race has an index of 7.97.

CRITERIA

Does the rule protect the safety of participants and spectators?

YES

Safety to participants and spectators is unchanged.

Is the rule a positive step for the sport?

YES

Yes, this encourages the competition of all wheel drive vehicles and potentially increases the number of entrants in the fledgling super compact bracket.

Is the impact of the rule on other classes and brackets a positive one?

YES

Yes, by encouraging additional competitors this will increase the competition and also spectacle of Sport Compact, thus strengthening the bracket

Does the rule ensure increased opportunity for even competition?

YES

All wheel drive competitors will now have the opportunity to compete on their own index and will be unaffected by the performance of two wheel drive vehicles, which historically have been both lighter and faster

Is the rule practical and enforceable?

YES

The Rule is practical only requiring different class designations on impacted vehicles

Is the cost of complying with the rule reasonable for competitors?

YES

There is no additional cost to competitors.

Hoping this Rule Submission receives favourable consideration.

Yours faithfully

Damien McKern