

AHORA Inc Super Stock Class Rules

1. All AHORA Inc General Class Rules and AHORA Inc Definitions apply to the Super Stock class.
2. **Eligible Chassis:** Tomy AFX Super G+, BSRT G3, BSRT G3R, Wizzard Patriot 2, Wizzard Patriot 3, Wizzard Scorpion, Wizzard Storm, Slottech Panther, Slottech Thundercat, Slottech Thundercat T2.
3. **Chassis:** The chassis shall be stock, readily available, and cannot be cut or modified in any form (other than via normal track wear, or by drilling the chassis to fit a maximum of four body mounts). No chassis modifications, other than the addition of body mounts, shall be allowed. Double sided tape and/or velcro used to mount bodies shall not be deemed a chassis modification. Removal of a plastic armature heat shield shall not be deemed a chassis modification.
4. **Armature Magnets:** The armature magnets shall be stock or stock replacement and cannot be cut or modified (other than via normal track wear) in any form. Armature magnets shall be manufactured from a ceramic material only.
5. **Traction Magnets:** The traction magnets shall be stock or stock replacement and cannot be cut or modified (other than via normal track wear) in any form. Traction magnets shall be of matching stock polarity and manufactured from a ceramic material only unless stated otherwise herein. The Tomy AFX Super G+ black chassis shall use the stock black polymer traction magnets or stock two dot grey polymer traction magnets. The Tomy AFX Super G+ grey chassis shall use the stock black polymer traction magnets.
6. **Flux Collectors:** Flux collectors shall be illegal on the Tomy AFX Super G+, BSRT G3, BSRT G3R, Wizzard Patriot 2, Wizzard Patriot 3, Wizzard Scorpion, Slottech Panther, Slottech Thundercat, and Slottech Thundercat T2.
7. **Ball Bearings:** Ball Bearings shall be illegal.
8. **Armature:** Any stock or stock replacement armature shall be allowed. Stock armature cannot be modified in any form: no rewinding, dewinding, truing of commutator, gluing, or balancing. The minimum ohmage allowable shall be 5.8 ohms : measured pole to pole with the armature removed from the car after a five minute cooldown period.
9. **Electrical System:** The electrical system shall be stock or stock replacement. Shunts shall be illegal.
10. **Gears:** Any pinion and crown gear shall be allowed.
11. **Guide Pin:** Any guide pin shall be allowed. The guide pin shall be mounted in the chassis in its stock position.
12. **Axles:** Any axle shall be allowed.
13. **Rims:** Any rims shall be allowed
14. **Spacers:** Front and rear axles may be fitted with spacers as required.
15. **Tyres:** Only slip-on silicone tyres and rubber tyres are allowed. Silicone / sponge combination tyres shall be illegal.
16. **Body:** Any Sedan/GTP/Sports Car soft body, manufactured from lexan or a similar lightweight material, shall be allowed. Body shall be suitably painted with a minimum of one car number to be displayed on the body at all times. Body to be securely anchored to the chassis and cover a minimum of 75% of each rim when viewed from above. Body shall be a replica of an actual car. Body shall not be fitted with any air control devices that are not part of the original body mould.
17. **Glue:** the use of glue shall not be allowed except : (a) to glue the guide pin in its stock position, (b) to secure body mounts to the chassis, and (c) to attach the body to a body mount.