

AHORA Inc Improved Stock Class Rules

1. All AHORA Inc General Class Rules and AHORA Inc Definitions shall apply to the Improved Stock Class.
2. **Eligible Chassis:** Tomy Super G+.
3. **Chassis:** The chassis shall be stock, readily available, and cannot be cut or modified (other than via normal track wear) in any form. No chassis modifications are allowed. The BSRT G3 chassis (and traction magnet clip) shall be allowed.
4. **Armature Magnets:** The armature magnets shall be stock Tomy Super G+ 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 Tomy Super G+ and cannot be cut or modified (other than via normal track wear) in any form. Magnets shall be of matching stock polarity. Only stock Tomy Super G+ black polymer traction magnets shall be legal. (Tomy Super G+ two dot grey polymer traction magnets shall be illegal).
6. **Armature:** The armature shall be stock and 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.
7. **Electrical System:** The electrical system shall be stock Tomy Super G+, or stock replacement.
8. **Gears:** Any pinion and crown gear shall be allowed.
9. **Guide Pin:** Any guide pin shall be allowed. The guide pin shall be mounted in the chassis in its stock position.
10. **Rear Axle:** Any rear axle shall be allowed.
11. **Rear Rims:** Any rear rim shall be allowed.
12. **Rear Tyres:** Rear tyres shall be either a solid rubber compound, or a solid slip-on silicone compound. Silicone-sponge combination tyres shall be illegal.
13. **Front Axle:** Any front axle shall be allowed.
14. **Front Rims:** Any front rims shall be allowed.
15. **Front Tyres:** Any front tyres shall be allowed.
16. **Spacers:** Front and rear axles may be fitted with spacers as required.
17. **Body:** The body shall be injection moulded hard plastic or resin and cannot be modified in any form other than the use of glue as per Item 18. The body shall use the stock mounting system. Painting the body shall be allowed. Body shall have all wings fixed in place at start of race. A minimum of one car number to be displayed on the body at all times. Body style as stipulated by the applicant to host an AHORA Inc event.
18. **Glue:** The use of glue shall not be allowed except to glue the guide pin in its stock position and to fix body wings in the stock position.