

# **WISCRS Brass Car Rules**

1. Cars must be brass weighted inline motor chassis manufactured by BSRT, Slottech and Wizzard High Performance. Eligible chassis include the BSRT G-Jet G3 & G3R, Slottech Panther Jet and Thundercat T2-Jet, Wizzard Thunderstorm and the Tyco 440 chassis (narrow and wide) using only the JW Speed Parts brass weights and front ends. Chassis may be flexible, medium or stiff.
2. Each car must have the rear traction magnets replaced by Brass Traction Weights as manufactured by the chassis manufacturer for that chassis. Heavy or Light weights may be used if offered by the chassis manufacturer for that chassis. If light weights require spacers then spacers as provided by the chassis manufacturer must be used.
3. Each car must have a front brass weight(s) as manufactured by the chassis manufacturer for that specific chassis.
4. Chassis may not be modified except to add body mounts.
5. Glue may not be used except to add body mounts, retain the guide pin or to act as Loctite for the BSRT G-Jet front weight screw.
6. Front/rear weights may not be modified.
7. Aftermarket weights and non-brass weights are NOT ALLOWED . except for the Tyco chassis as indicated in rule #1.
8. Extended length guide pins are allowed.
9. The motor must be as provided by the chassis manufacturer. Minimum armature pole to pole resistance is 5.8 Ohms. Hot stock / balanced motors may be substituted for the stock motor. No Custom Type Armatures.
10. Motor magnets must be as provided by the chassis manufacturer. Magnets may not be cut or restricted by any artificial means. No additional magnets may be used.
11. Armature bushings may be brass or plastic. Bushings may be reamed and chamfered. Ball bearings are NOT ALLOWED.
12. Front rims must be plastic, brass, or aluminum. Front tire height is open. Chassis front axle holes may be reamed to 0.052+
13. Independently rotating front rims are allowed.
14. Rear tire material, coating and height is open.
15. The maximum allowable lateral movement of the front axle is 1/32 inch may use axle spacers.
16. The maximum width of the car is 1-5/16+(1.3125+).
17. A .020+thickness gauge must be able to move freely when placed in the center area of the chassis . between the front and rear tires . while setting on a rail-less test block.
18. Rear rims and the crown gear may be lightened. Spacers may be added to the rear axle to adjust gear mesh.
19. ANY Electrical system must be as provided by the chassis manufacturer. Bigfoot brush systems are allowed. Pickup travel may be limited. Helper springs are allowed. Shunts are NOT ALLOWED.
20. MAY USE Rear axle retainers.
21. MAY USE Gear BOSS.
22. Track voltage will be 12V+ 0.5Volts
23. All final decisions regarding rule interpretations will be made by the track owner.
24. Cars may be subject to inspection/teardown before/after the race to satisfy technical inspection.
25. The body must be painted and rear wings/spoilers maybe added for esthetics only.
26. The body must cover the chassis, tires and wheels when viewing the car from above except through legal openings (i.e. windows, etc.). No body cutting except for wheel openings. Open wheel bodies are only allowed in Stock Class. This rule does not apply to the Vintage T-Jet car class as it is subject to its specific body regulations.
27. Any car without a body or with an interfering body will not be allowed to continue to run.