

T-JET CHASSIS BUILD #4a

ARMATURE	Minimum impedance is 5 ohms. Any production armature with the specific exception of any 4 lam type is neither permitted nor custom wound armatures.
AXLES	Any axle is permitted. Axles must ride in appropriate stock location for given body style.
BALLAST	
BRUSHES, MOTOR	Any conventional brush which fits original mountings is acceptable After-market brushes may be used. Spring brushes may be not be used. Brush tubes are not permitted.
CHASSIS	<p>Cars in this class may use a JOHNNY LIGHTNING, AUTO WORLD, or DASH chassis. ULTRA "G" chassis are permitted. (T-Jet version) All other T jet Types are likewise permitted. Magna Traction or AFX styled chassis MAY NOT be used. Chassis may have any and all of the following: de-burring, clearancing, polishing, hardening and/or blueprinting. Main chassis may be altered as follows:</p> <p>(1) The "rails" of the top plate may be altered or removed as shown in order to facilitate body mounting.</p> <p>(2) A T Jet top plate may be reamed to allow fitment of a JL/AW armature to the T Jet chassis. Minor alterations such as drilling to facilitate wheelie bar attachments are permitted</p> <p>(3) Top Plate may extensively modified, provided the factory gear train form and function remains intact. (Drive gear, idler gear, Driven gear.) It is recommended that four corner mounting tabs be left intact.</p> <p>(4) Main Chassis main be 'daylighted,' i.e., all material above the chassis floor and between the motor magnets may be removed.</p> <p>(5) Front end modifications are subject to class rules. For purposes of this rule, 'Front end' refers to the area forward of the front motor magnet.</p> <p>(6) Magnet perches/pockets/mounts may be not altered and must be fully intact. Exception: T jet Mounts may be sanded only as needed to mount JL or AW magnets.</p>
GEARS	ANY T Jet gearing including standard 9 tooth pinion, 12 tooth Hop-up gear, or 14 tooth pinion Tuff Ones gear are permitted. Aftermarket 10 and 11 tooth pinions are likewise permitted. All other gears must be of the same material appropriate to chassis type. After market lightweight gears, or stock gears that are lightened, are not permitted. Gears may be polished and 'lapped' but polishing may not excessively lighten the gears. Plastic gears may be used. Crown gears may be aftermarket of either 15 or 19 tooth count.
MAGNETS, MOTOR	Any Production T Jet Type magnet, including JL or AW magnets may be used. Exception: AFX magnets and Magna Traction motor magnets are forbidden.
MAGNETS, TRACTION	Dot magnets, strip magnets or small bar magnets may be used as traction-aid devices. These magnets may be of ceramic, polymer, or rare earth type. Magnets may not touch the track. Traction magnets must be securely mounted to the chassis bottom, or the front chassis well area. (just behind or near the front axle on the top side of the base chassis) Magnets may NOT be attached to the sides or in a way that would be deemed to affect MOTOR MAGNET strength. Magnets may NOT be attached to the wheelie bar assembly, nor may they be part of the pick-up assembly.
PICK-UPS	Any original JL/AW T-Jet, DASH or replacement type, copper, silver, gold plated or non-plated pick-ups are permitted. Pick-up braids are permitted. Shunt wires may be used.
WHEELIE BARS	Wheelie bars are permitted. They should assume a reasonable prototype appearance. Wheelie bars must be so constructed as to not cause any short circuits or interfere with cars in other lanes. Wheelie bars must not exceed 1 1/4 (one and a quarter) inches in extension, as measured from the rear axle center line the center line of the wheelie wheel or axle.
GUIDE PIN	Only one guide-pin, in original location, is permitted. Guide-pin retaining screw is required, but pin may be secured additionally with glue, or heat-bonded to chassis. Lengthened guide pins not recommended, as they bottom out the slot of a standard track.

TIRES/ WHEELS	Any wheel/ tire combination. Silli-foams allowed. Max. width .281Max. diameter .485"
VOLTAGE MINIMUM	18V
WEIGHT	
MISCELLANEOUS	DASH chassis and components allowed.