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PRD 125CC FIREBALL SPEC. RULES

CLASS AGE:

Junior II PRD TAG Controlled @ 320lbs 12 to 15

6.0 rear tires

Senior PRD TAG Controlled @ 375lbs 16 +

7.10 rear tires

GENERAL CLASS RULES:

Classes will be run per the International Kart Federation TAG rules section #275 and #675.

ENGINE:

Only engines with US serial numbers are legal.

All components must be O.E.M.

PRD 125cc water cooled 07 Fireball Engines are legal as homologated.

PRD 125cc air cooled 07 Fireball Engines are legal as homologated.

Note: no mixing of parts from 05 Fireball Engines with 07 Fireball Engines.

PRD 125cc water cooled 05 Fireball Engines are legal as homologated with the following changes and options.

Mandatory change: must use 07 coated piston with L-type ring.

Legal optional updates: 07 connecting rod and 07 spring less 3 shoe clutch.

TARGET R.P.M./GEAR:

R.P.M. is limited in an effort to increase competitiveness and engine life. The Club tech director, will call out the gear ratio for all classes. The specified gear ratio will be the base gear ratio +/- one tooth. Each age group has a different target R.P.M., the R.P.M. is established with a single kart and driver on the track alone, race R.P.M. will be higher.

Junior II 14,000 to 14,500 R.P.M.

Senior 14,500 to 15,000 R.P.M.

CARBURETOR:

Tillotson HL166A, HL166B or HL166C per the I.K.F. Rule Book section 622.6 are legal for all classes.

Junior II will require the use of a PRD-USA/ RLV filter cup with an air inlet hole of 0.6250" +/- .001 no go (final dimension to follow), hole will remain as manufactured no cleaning, de-burring or any other modifications are allowed. O-ring must be used and functional. The filter cup must be sealed to carburetor.

OIL SEALS:

Effective 6/16/2010, only PRD/RLV crank case oil seals will be legal.

CLUTCH/CHAIN COVER:

Only the fully enclosed cover is legal, those with venting that exposes the ring gear are not legal. Use of a bearing in the bearing pocket in the cover is legal.

RADIATOR:

Only radiators as supplied by PRD with the engine are legal. Water pump must be axle driven.



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REEDS:

Only PRD stamped reeds are allowed.

AIR BOX/INTAKE SILENCER:

Only air boxes/intake silencers as supplied by PRD with engine are legal.

PIPE/EXPANSION CHAMBER:

Only pipes/expansion chambers as supplied by PRD with engine are legal. Spec pipe length 8.875" (8 7/8") minimum as measured with a .250" (1/4") tape from the pipe side of the exhaust header flange, around the outside radius of the header tube to the end of the stepped (flex) connector.

PRO RACING DESIGN 125CC CONTROLLED TAG CLAIMING RULE:

Person claiming the engine, i.e. making the claim must;

- a. be entered in the class
- b. race the class
- c. have raced the class at this current specific series or venue no less than twice previously (eligible to claim in race 3)

A participant may only claim one time per calendar year in each club program, series or venue. The manufacturer or importer reserves the right to claim any engine at any time, anywhere with no exception. This claim will hold preference over all other claims.

Any participant in this claiming class must agree to the current claiming rules of the class. If the participant fails/refuses to surrender the claimed engine, the participant will forfeit all points and will be ineligible to compete in the class for the remainder of the current venue or series program. Engine claiming will be made to the Chief Technical Official in writing within 30 minutes after the end of the race the engine is being claimed from. If more than one participant claims the same engine, the participant with the lowest point total of the series or venue will be awarded the claim. The engine being claimed must pass post race technical inspection.

Please be advised, as a result of the claimed engine passing post race technical inspection it is not implied nor a guarantee the claimed engine is legal or will pass future technical inspections "let the buyer beware" engines are claimed as is.

After post race inspection:

- a. the person claiming the engine i.e. making the claim will present the Chief Technical Official \$1,800.00 in cash.
- b. the present engine owner will present the Chief Technical Official with the claimed engine less the carburetor.

The engine will include:

- | | |
|-------------------------------|------------------------|
| 1. reed manifold with reeds | 2. exhaust header |
| 3. intake manifold | 4. ignition |
| 5. complete clutch with cover | 6. starter with bendix |

The Chief Technical Official will then complete the exchange.