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European Tractor Pulling Committee

Tech and Safety Board

Rule changes/updates ETPC Rulebook 2009

Rule changes from the sept. meeting [Bryne,N.] and the last voting list [nov.2008]

All rules effective for the 2009 season.

1. frame options for non-component Pro-Stock/Super-Stock tractors [chapter 3-c/4-c] [additional rule]

3/4-C frame options point 3 Split-frame:

ETPC allow to use a split-frame under the following conditions:

- The steel split-frame construction must extend from front of tractor to rear axle housing mounting bolts.
- The two pieces have to fit in one other [sliding in construction] in the area where the tractor can be split. [clutch area]
- The two pieces of the frame must be made of tubes or u-shaped steel with a thickness of at least 3mm.
- If the frame is made of u-shaped steel it must have a u-shaped connection bar inside min. 500mm. length, [250mm. in the rear part and 250mm. in the front part of the u-shaped split frame].
- If the frame is made out of tubes it must have inner tubes min.500mm. length. [250mm. in the rear part and 250mm. in the front part of the tube frame].
- Rear part of the frame has to be mounted to rear-axle housing with at least four [4] axle-housing bolts and extending forward of flywheel area and fastened to side of engine block or motor-plate with at least three [3] 14mm. bolts min. grade 8.8.
- Two parts of frame must be locked together with at least 2 fasteners of 8mm.steel.
- Two piece frame must be of sufficient strength to support weight of tractor with the bolts used to split the tractor removed.



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2. Turbo charger protection. [Chapter 2-R-1] [rule change]

2-R Supercharger/turbocharger point1

- All turbochargers must be completely shrouded [360 degrees], exempt for inlet-and exhaust pipes, with steel 2mm. or thicker.
The shielding must ensure that no wheels or other parts of the turbo can come out in case of a turbo explosion.
The shielding must be mounted as close as possible to the turbo, at min 4 points.
Hood construction or grille can not be part of the shielding.
By Super-Stock and Pro-Stock tractors , open bottom [max.90 degrees] of the shielding is allowed under the following conditions:
 - Must have a complete closed hood construction.
 - Turbo shielding must extend at least 50mm.below the bottom of the turbo.Exhaust-pipe thickness must be min. 1.5 MM. from turbo to vertical part of exhaust-pipe and securely mounted to the turbocharger outlet flange.

3. Limits [Chapter 12-B] [additional rule]

12-R point B 1 Limits for smaller OEM-automotive piston engines max.5000 ccm.

| -Engine | naturally aspirated | with any charging system |
|---------------|---------------------|--------------------------|
| Max. 1000ccm. | 1 point | 1.5 points |
| Max. 2000ccm. | 2 points | 3 points |
| Max. 3000ccm | 3 points | 4.5 points |
| Max. 4000ccm. | 4 points | 6 points |
| Max. 5000ccm. | 5 points | 7.5 points |



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4. safety [chapter 2-N] [additional rule]

2-N point 11 [protective clothing]

- Helpers on the track must wear protective clothing with long sleeves. The use of light protective clothing is allowed [eg. flame retardant cotton , over-aged fire suit or welding overall]

5. Roll Over protection [chapter 14a] [additional rule]

- No ballast can be hung from or attached to any portion of the ROP-structure. Chassis-attachment is exempt of this rule

6. Driveline and driveline shielding [chapter 2G] [add. Rule]

- Drive-shafts longer than 1270 mm. must be fitted with safety-loops made out of steel [8mm] or aluminium [10mm]. Two safety-loops per part of the driveshaft, to be securely connected to the frame.

7. Disqualification for participating in non ETPC events [chapter 1B] [add. Rule]

- No driver, tractor nor any combination thereof shall participate or exhibit in a pull or pull in front of a sledge not sanctioned by ETPC or by affiliated member. The driver, all team-members, the vehicle and all parts of the vehicle are disqualified for one year and ten days from this years infraction at all sanctioned ETPC or affiliated members pulls. The one year and ten days disqualification starts from the last violation day. In case the vehicle is to be sold, the disqualification must be mentioned to the new owner.

8. Engine shielding [chapter 2 I 13] [rule change]

- All turbocharged inline engines must have one steel cable totally surrounding the engine-block and head. This cable must be placed between first and second cylinder [from front of tractor] trough exhaust-port area.



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