

## **2010 Semi-Pro Rules** **Edelweiss Speedway**

### **Car Eligibility:**

1. Any North American made car, 1975 or newer, NO trucks, convertibles, two seater sports cars or 4 wheels drive cars allowed and no front wheel drive.
2. Minimum Factory stock wheelbase.... 105”.
3. Body: Entire body must remain as complete and stock as possible. NO additional exterior bodywork of any kind. The body must maintain stock in appearance and contours. Fender wells may be cut out for tire clearance only. Full front firewalls must remain stock. Unibody cars must have front and rear connected with 2”X 2” tubing.
4. Rear window shelf must be sealed off from the driver’s compartment with a minimum of 20-gauge steel.
5. No closed cockpit. Floor may rise no higher than driveshaft tunnel for exhaust.
6. All doors must be welded shut.
7. A 1” heavy gauge screen must cover Front windshield areas. No chicken wire.
8. Any dark coloured car must have a bright contrasting color.
9. The trunk floor may be altered from behind the rear firewall.
10. Aftermarket body panels may be used (steel only). Hood may be fibreglass; roof must remain stock. Aftermarket nose and tailpiece allowed.
11. All cars must have an adequate tow hoop or chain in the front and rear for towing purposes.

### **Chassis and Suspension:**

1. No altering of frames for any reason (GM / GM, Ford / Ford, Chrysler / Chrysler. Frames must be reinforced. The rear frame section may be replaced or repaired from the center of rear-end housing back. No altering of the chassis or suspension design or location. Springs must be stock and must remain in the stock locations. The springs must match coil for coil, leaf for leaf, etc. Springs must be magnetic steel only (no carbon fibre). Aftermarket springs, with spring cups is allowed. Jack bolt is not allowed.
2. One shock per wheel, only Steel bodied. The shocks may be remounted to non-stock location, but suspension parts may not be cut or altered in any way. After market WB shocks allowed. Non-adjustable. Non-rebuildable. Standard aftermarket A-arms allowed

3. Stock front and rear suspensions only, aftermarket pieces are allowed.
4. Any stock production rear-end allowed (no floater). 9 inch Ford rear-end allowed
5. Minimum weight with driver after race with no fluids added is 3,250 lbs.

### **Tire and Wheels:**

1. Any 2" min. or 4" max. Off set steel wheel 10-inch maximum allowed, stock bolt pattern only. Racing nuts on all wheels are mandatory. 1/2 -inch wheel studs MANDATORY and will be STRICTLY enforced.
2. Stock passenger type tires only. No truck or snow tires. No recap\mud tires allowed. All tires must have a Dot number and the tire must not exceed 10" thread width on passenger type tires.
3. Race tires are now allowed (compound), must be on 8" wheels and 8" thread.

### **Bumpers:**

1. All collapsible bumpers must be welded. Tow hoop front and rear mandatory.
2. Any reinforcing must remain behind the grill and bumper area.
3. One nerf bar (rub rail) is acceptable not higher than 18" from the ground with one (1) inch tolerance. It must not stick out past the tire and no bigger than 1 1/2" with no sharp edges and Must be flush to the body.

### **Transmission:**

1. Stock operating manual or automatic transmissions. No altering of any kind and must be mounted in the stock location using stock mounts.
2. Stock clutch assembly only with steel, flywheel, clutch disk and flywheel must be for the size engine being used.
3. Stock torque converters only, must be for that size engine being used; fluids must be retained in the torque converter.
4. Transmission coolers will be allowed but must be mounted in a sage location, outside driver's compartment highly recommended.

### **Appearance:**

1. All cars must be neatly and brightly painted.

2. Numbers must be 18" high minimum and be on both doors and roof.
3. All cars must be kept clean and as dent free as possible. Excessively dented panels must be repaired or replaced, not removed.
4. No profanity of any kind will be allowed on the car.
5. All lettering on the car should look professionally done, not with a brush.

**Safety:**

1. Racing seats are mandatory; seats must be securely fastened to the frame with a minimum of (6) 3/8" bolts, (4) on the bottom and (2) on the back. Padded headrests are mandatory.
2. Five point seat belts properly bolted is mandatory.
3. Fuel Cell: Max. 22 gallon Capacity cell will be centered in trunk and if trunk floor is removed will not extend below the frame rails behind the rear axle. The fuel cell will be secured with a minimum of two 1" x 1/8" flat steel straps secured by 3/8" bolts. Fuel lines will be made of steel tubing or steel braided hose from fuel cell to carburetor through the center of driver's area with a fuel shut off valve painted a bright color (red, yellow, orange, or white) located next to the driver's seat. OEM rubber fuel hose and OEM fuel tanks are not allowed! A one-way check valve MUST be installed in the vent line to prevent spillage in the event of a roll over.
4. Four wheel brakes is mandatory and must be working at all times. No shut-offs. Stock proportioning valves only.
5. Batteries must be safely and securely installed outside driver's compartment. Terminal ends must be covered in rubber.
6. No mirrors or radios allowed.
7. A driveshaft sling must be located within 6" of the front U-Joint. The sling must be made of 3/16" X 2" steel or 3/8" chain fastened with 3/8" bolts minimum.
8. Approved fire suits and helmets are mandatory.
9. Window nets are mandatory on the driver's side and must be fastened by a minimum of one (1) quick release rod.
10. Raceiver is mandatory and functional, drivers must listen to the directives of the race directors, if not, they will disqualified.

### **Roll Cage:**

1. A complete (6) point roll cage is mandatory and with a minimum of (3) door bars per side. The driver's sidebars must be bowed out. Cage must be made of black iron pipe or steel tubing, minimum size 1 ½ O.D. and 1/8" wall thickness. The door bars must be connected by at least (2) rows or vertical bars, all main supported forward and back. The cage must be full width of the frame rails and the roof section. Upright must go from the dash in the front to behind the driver's seat.

2. All bars within 18" of the driver must be padded.

### **Engines:**

1. Engines must remain stock as manufactured maximum CU. IN> 360. All motors will be allowed up to .060 over bore, stock bore and stroke combinations only.

2. A) MUFFLERS AND EXHAUST SYSTEM MANDATORY, Stock cast iron exhaust manifold with 5' of 2"1/2 exhaust pipe, aftermarket Street Headers are allowed, 1 5/8" tube only. Only Stock or "California Turbo" mufflers will be allowed. Any other muffler need must be approved by the track and muffler may not be altered or modified from original design in any way. 180° Headers are NOT allowed, crossover headers are not allowed. Fully welded exhaust highly recommended.

B) Intake manifold must be cast iron 2 barrels intake manifold stock passenger car only. No porting, polishing, welding, matching or acid dipping.

3. Stock (2) barrel carburetors up to 1 11/16" throttle plate, box 4412 (optional). Standard adapter plate allowed. Spacer adapter of 1 1/16" Max, including gaskets. Maximum throttle bore 1-11/16" and maximum Venturi bore of 1 1/4". No speed parts. No race type carburetors. No boring or polishing of throttle or Venturi bores allowed! No modifications of any kind will be allowed to these carburetors except those listed below (box stock only). Conventional round type air cleaners only are allowed. Air cleaners that provide ventilation through the top cover (such as the K&N brand) are permitted No air induction plastic carburetor inserts or other devices to direct air into intake. No air diffusers are allowed. CARBURETOR MODIFICATIONS ALLOWED ARE LISTED BELOW; ANY OTHER MODIFICATION NOT MENTIONED IS NOT LEGAL.

a. Holes drilled in the throttle plates for proper idling.

b. Drilling, tapping, and plugging of unused vacuum ports.

c. Welding of throttle shaft to linkage arm.

d. Drilling of idle of high air correction jets.

e. Milling of center carburetor body metering block surface a maximum of .015" on each side.

f. Removal of chokes plate and shaft.

g. The jets may be changed as needed.

Any other changes to carburetors, such as drilling, smoothing, matching, or milling is NOT ALLOWED. Stock OEM only.

h. Double throttle spring is mandatory.

4. Any hydraulic type cam, No roller cams or lifter allowed, stock OEM rocker arms only.

5. Stock ignition may be used. Stock coils only.

6. Engines must remain in the stock location.

7. Pistons: Flat top O.E.M. pistons allowed. 2 or 4 valve relief only, no pop-up allowed. Forged piston is optional.

8. All internal parts must be stock type OEM for the engine being used; any parts listed exclusively in a performance parts catalogue are not allowed, regardless of manufacturer.

9. Radiators must be stock, no racing radiators.

10. (Heads) Stock cast iron with no porting polishing, angle cut or matching, no bowtie or SVO & Mopar Performance. The only work that can be done is shaving up to .050 & 3" Angle valve job.

11. All cylinder head, engine block and intake manifold must have original part number stamp.

12. **Fuel:** Pump fuel or VP racing gas VP98 ONLY! No additives or boosters permitted. **This will be strictly enforced!**

13. Protest: Cube check or visual

- One item = \$100.00

- Other item = \$200.00 per item

- The officials, not by the driver's and or owner, will interpret all rules.

- The management reserves the right to change any rule or rules at any time if they feel it necessary.

- The speedway has the right to check any car at any time for technical or safety reason.

- Any and all decisions by the technical inspector are final. Any car that departs from the reality of the intention of his class will be disallowed.

- The management reserves the right to disallow any and all entries.

- Please read these rules carefully and keep in mind that this is a fun stock class and it is up to everyone to keep it that way.

- At the discretion of the track officials, if you are deemed too strong for the Semi-Pro you may be required to move up a class.