

***DELAWARE
INTERNATIONAL
SPEEDWAY***

**Crate
Model**

Rules & Regulations

2010

The rules and or regulations set forth herein are designed to provide for the orderly conduct of racing events and to establish minimum acceptable requirements for such events. These rules shall govern the condition of all events, and by participating in these events, all participants are deemed to have complied with these rules. **NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM PUBLICATION OF OR COMPLIANCE WITH THESE RULES AND/OR REGULATIONS.** They are intended as a guide for the conduct of the sport and are in no way a guarantee against injury or death to a participant, spectator or official.

The race director shall be empowered to permit minor deviation from any of the specifications herein or impose any further restrictions that, in his opinion, do not alter the minimum acceptable requirements. **NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM SUCH ALTERATION OF SPECIFICATIONS.** Any interpretation or deviation of these rules is left to the discretion of the officials. Their decision is final.

The Management of Delaware International Speedway.

**DELAWARE INTERNATIONAL SPEEDWAY
POINTS BREAKDOWN**

**MODIFIED & LATE MODEL
POINTS FOR
HEAT RACE QUALIFIERS**

1st Place.....	25 points
2nd Place.....	20 points
3rd Place.....	15 points
4th Place.....	10 points
5th Place.....	5 points
6th Place.....	4 points
7th Place.....	3 points

Leader Bonus (Features Only)

A 10 point bonus will be awarded to any racer that leads a lap during a feature event. (This does not mean 10 points per laps led, it means you would get the 10 points bonus if you lead at least one lap during the feature.)

*Each racer will receive 5 points for track run-in. Transponders **MUST** be on installed and operational.

**STREET MODIFIED, MODIFIED LITES &
AC DELCO TSS MODIFIED POINTS
FOR
HEAT RACE QUALIFIERS**

1st Place	20 points
2nd Place	18 points
3rd Place	16 points
4th Place	14 points
5th Place	12 points
6th Place	10 points
7th Place	8 points
8th Place	6 points
9th Place	4 points
10th Place	2 points

**POINTS FOR
A FEATURE EVENT**

1st Place	110 points
2nd Place.....	100 points
3rd Place.....	95 points
4th Place.....	90 points
5th Place.....	85 points
6th Place.....	80 points
7th Place.....	75 points
8th Place.....	70 points
9th Place.....	65 points
10th Place.....	60 points
11th Place.....	55 points
12th Place.....	50 points
13th Place.....	45 points
14th Place.....	40 points
15th Place.....	35 points
16th Place.....	30 points
17th Place.....	25 points
18th Place.....	20 points
19th Place.....	15 points
20th Place.....	10 points
21st Place.....	8 points
22nd Place.....	6 points
23rd Place.....	4 points
24th Place.....	2 points
25th Place.....	2 points
26th Place.....	2 points

TRACK RULES

1. No alcoholic beverages in the pits. Anyone caught will be barred from the pits, 2 weeks first offense; 1 year second offense.
2. Any driver found under the influence will be barred from driving for 1 year from date of suspension.
3. No working on or checking of race car on the track surface. Anyone doing so will be sent to the rear of the pack. Car may be worked on in the infield by driver or track officials only.
4. Anyone not obeying Flagman's signals may be black flagged from race track.
5. Any foul language or unsportsmanlike conduct on the race track will be black flagged to the pits.
6. Any foul language or unsportsmanlike conduct will not be tolerated at the race track.
7. Any person entering another race team pit area for the purpose of causing a disturbance will be barred for 2 wks. 1st offense - 1 yr. 2nd offense. All questions shall be directed to either the Pit Steward or the Del. State Police on duty.
8. "Black Flag" - Report to the pits for consultation. After 1 lap of black flag, the car will not be scored.
9. Any car running in an unsafe or hazardous condition will be black flagged.
10. Any driver getting out of his car to argue or question a call or decision of an official, will be sent to the pits for the remainder of the racing event that night, plus 1 week suspension or one racing event.
11. No fighting in the pits or on the track. First offense is suspension of 2 weeks, second offense is suspension from the track 1 year from date.
12. Any car that is not in his line up position on pit road or if he needs wrecker assistance will line up to the rear of the field.
13. The race will be started by the flagman only. If the lead car jump starts or if he cannot set a sufficient pace, the driver will be warned the first time. If he cannot start at a proper pace, he will be moved to the rear of the field.
14. Any car jumping position before the green flag will bring out a caution and will be sent to the rear of the field. (Repeated jump starts will be black flagged.)
15. Charge Laps
 - i. Heats – There will be a charge lap on the start and on the next to last lap.
 - ii. Features – There will be a charge lap on the first half of the feature. No charge lap on second half except on the next to last lap.
16. Accidents - Any car bringing out the caution or left sitting when the caution lights come on will line up to the rear of the pack, including the charge lap.
17. Line up after a caution flag. Line up on last completed lap or tower instruction.
18. After 1 lap has been scored, the starter will line the lead car in his position.
19. Caution Lights - All drivers must immediately bring their car to a slow pace and line up Delaware Start. The 4th corner officials will post positions on message board. Drivers should move immediately to posted positions, if they do not they will be sent to the rear.
20. Any car leaving the racetrack to pit while the race is stopped, will line up to the rear of the pack.
21. When signal from starter shows 1 lap to restart of race, all cars must be in their position. Any car in the infield after this signal will fall to the back of the pack.
22. Any restart with 5 laps or less to go will start single file.

A feature event that experiences difficulty to get laps complete may go single file at any time.
23. Any car bringing out or involved in 3 cautions during a Feature race will be black flagged to the pits.
24. When cars enter the pits, a safe speed must be maintained. Any driver found to be driving at an excessive speed or endangering pit persons will be held at pit road for consultation and can be penalized depending on the severity of the infraction.
25. Only car and driver allowed on pit road.
26. Any driver bringing out or involved in 2 cautions during Consi will be black flagged for the event.
27. Any driver that has not signed in on the insurance release form will not be paid for any position he finishes.
28. All protests must be made before the race by the owner or driver only.
29. In case of rain, the event will be considered complete when more than half of the event has been run. The remaining features will be run first on designated rain date.
30. Track Rules - All track rules should be read and understood by all owners, drivers and crew members. This is the responsibility of all crews. Any questions, please feel free to ask before you race.
31. ANYONE THAT FEELS THAT ANY OF THE TRACK CONDITIONS ARE UNSAFE SHOULD LEAVE HIS CAR OUT OF COMPETITION.
32. All classes, no mirrors
33. All classes, head and neck restraint recommended.
34. All bolt on weight **MUST** be painted white with car # & class **CLEARLY** displayed.

SPEEDWAY POLICY REGARDING USE OF/OR POSSESSION OF ILLEGAL DRUGS OR SUBSTANCES

1. **ILLEGAL DRUGS, DEFINITION:** Illegal drugs are those substances defined and prohibited by state and/or federal laws.
2. **GENERAL PROHIBITION:** Possession or use of illegal drugs or drug substances, as defined above, is prohibited in any form, by any participant at Delaware International Speedway, either on the Speedway grounds, or in any area considered to be used in the operation of the Speedway, such as parking lots or leased properties.
3. **PARTICIPANT, DEFINITION:** A participant is any person taking part in any event at Delaware International Speedway in any form, including but not restricted to drivers, car owners, mechanics, crew members, sponsors, track officials or pit area observers. All such persons shall be considered public figures who have, by their own choice, become involved in auto racing events at Delaware International Speedway, with the full understanding that he or she must abide by the rules and regulations established and published or announced by Delaware International Speedway. All participants are considered to be responsible for their personal conduct.
4. **VIOLATIONS AND PENALTIES:** Any person found to be in possession of or under the influence of an illegal drug or drug substance on the Speedway property, as defined above, **OR** any person who is arrested by duly-constituted authorities and charged with possession and/or use of an illegal drug or drug substances, **OR** any person who is formally charged by the court of law with illegal drug violations, **SHALL BE SUBJECT TO THE FOLLOWING PENALTIES BY THE SPEEDWAY:**
 - A. Suspension from competition and eviction from the Speedway property, and denial of further entry to the Speedway for a period to be determined by Speedway officials.
 - B. Any participant who is formally charged by a court of law with an illegal drug violation, upon notification to Delaware International Speedway management by that agency, shall be suspended from all forms of participation at Delaware International Speedway until such time as the charges are fully adjudicated through the legal process. Any participant convicted of a formal drug charge by such process of law will be prohibited from taking part in any Delaware International Speedway events for a minimum period of 1 year from date of conviction.
5. **APPEALING AND HEARING:** Any participant suspended for violation of these rules maybe granted an appeal hearing by a board of officials designated by Delaware International Speedway, provided the suspended participant requests such a hearing, in writing, within 14 calendar days of the date of suspension. It is the responsibility of the suspended party to make such a request if any hearing is desired.
6. **REINSTATEMENT:** A participant suspended for violation of these rules, **EXCEPT IN CASE OF PERSONS CHARGED WITH SELLING DRUGS**, may, as the result of a decision reached through the hearing process detailed above, be reinstated, if it is mutually agreed that the participant at his or her own expense -- will produce documentation from a physician licensed within the state, certifying that he or she is drug independent, as a result of random and periodical examinations and urinalysis testing, made at the request of Delaware International Speedway management.
7. **PRESCRIBED DRUGS:** If a participant is using prescription drugs on the advice of a physician, such use must be reported to the chief pit steward or racing director prior to the participant's entry into any Speedway activities. Failure to so notify will subject participant to penalties as described above.

QUALIFYING AND LINE UP PROCEDURES

Modified & Late Model –

1. Qualifying, if 24 cars or less, there will be 2 heat races with 7 cars to qualify from each heat.
 - A. Top 7 cars in each heat qualify. Top 5 cars will be inverted by point average, low to high, the rest of the heat qualifiers will line up behind them in order of finish.
2. If there are 25 or more, 3 heats will be run with 5 cars qualifying in each heat.
 - A. Top 5 cars in each heat qualify. Top 3 cars will be inverted by point average, low to high, the rest of the heat qualifiers will line up behind them in order of finish.
3. Consolation cars will line up behind heat qualifiers in the order they finished.

Crate Model, AC Delco & Modified Lite -

1. Timed hot laps. 2 warm-up laps 3 timed laps. If you bring out a caution, your timing is finished.
 - A. Up to 26 cars – Fastest 10 cars inverted by point avg. low to high. Positions 11-26 fast time to slow time.
 - B. 27 or more – Fast 16 times invert top 10 low to high by point avg. 11 – 16 fast time to slow time 17 – 26 order of “B” main finish.

ALL CLASSES -

1. A driver must race in 3 feature events before he can obtain a point average.
2. Any car that is not signed in at the pit tower will not start their racing event.
3. Any car that is not in his line up position on pit road or if he needs wrecker assistance will line up to the rear of the field.
4. Any driver that is currently in the top ten points standings is allowed one provisional start a year. They may use this provisional start on any night that they do not qualify through the heat races or consolation. This provisional start can only be used on point shows. Max two cars per class. Provisional based on highest 2 drivers in points.
5. Any car or driver changes must be reported to the pit tower officials. Changes must be made before the event. Car must start at the rear of the field. If not reported before event, you will be deducted a maximum of 10 spots from finishing position.
6. Any car(s) that fail to meet post race inspection will be positioned to the rear of their field.
7. A driver may not change cars during race. Example, Heats, Consi, Features
8. A driver can only qualify 1 car per class.
9. A driver can only qualify a second car thru a consi. The 2nd car will disqualify the 1st car.
10. Team cars must be clearly distinguishable from one another and use a different number or letter.
11. Any current year champion will be a guaranteed starter in Del. State Championship race.
12. All classes, there will be a min. point avg. for inverted starts.
13. Any car that qualifies in heat and breaks before the feature is still a qualified car and receives heat points.
14. Any driver banging or crashing into a fellow race car under caution may receive a 1 race suspension or a fine of \$250.00 or both.
15. All classes must have a Racciever personal scanner to receive speedway broadcast. Raccievers must be activated and in use during all events, including warm-ups. It is the responsibility of each race team to make sure Raccievers are mounted safely in the cars and are in good operational order. Cars competing without working Raccievers will be subject to fines and/or penalties, at the discretion of race officials. Drivers who do not follow instructions broadcast over the radio channel will be sent to the rear of the field or black flagged.
16. All classes must have AMB Trans x260 Transponder. The AMB Transponder is available thru the track or direct from AMB. All transponders must be registered with the pit tower prior to taking the track.
17. No car can race with rear bumper missing.
18. Make up race - Driver that has qualified can change car and start in qualified position.
19. A Driver may run one (1) class only during regular point shows. Multiple class entries permitted on “Double Entry” nights.
20. One car cannot be entered in two classes at the same event.
21. If there is not a full field, you may start the feature at the rear.

2010 CRATE MODEL RULES

- RADIO** All drivers must have a Racceiver personal scanner to receive broadcast from track station only.
- BODY**
- A. 1960 or newer sedans, hardtops and front wheel drive only.
 - B. Sheet metal – steel or aluminum
 - C. Spoiler - 6 in. surface height x deck width
 - D. Roof - stock appearing
 - E. Hood - stock (w/carb. breather hole)
 - F. Front nose - after market may be used.
 - G. Front & rear firewall must seal off drivers compartment.
 - H. Floorboard configuration must be retained from engine firewall to the rear firewall and enclose drivers compartment
 - I. Appearance - should have good paint job with at least an 18" number on both doors and roof.
 - J. Bumpers - should be closed on both ends and securely mounted
 - K. Front wheel drive bodies may be used, but must be rear wheel driven. Front suspension - see page 8 chassis A. Rear suspension - see page 8 K.
 - L. All cars must have a device such as cable, chains, etc. so vehicle may be picked up by wrecker.
- BATTERY** May be relocated but must be properly secured and covered.
- RUB RAILS** Endings must be turned in towards body and closed.
- MUFFLERS** Required: maximum sound emission 100 db at 25 ft.
- DRIVERS EQUIPMENT**
- A. Minimum snell 95 helmet
 - B. Fire resistant suit, underwear, hood, gloves and socks recommended.
 - C. Eye protector
- ENGINE**
- A. Make for model used.
 - B. Location
 - 1. Centered in chassis
 - 2. Front most spark plug to ball joint (set back) not to exceed one inch.
 - C. Carburation
 - 1. One four barrel maximum.
 - D. Displacement to car weight.
 - 1. 360.0 cubic inch maximum with 10.5 to 1.0 compression with aluminum spec heads and intake. 2750 with driver.
 - E. Lubrication
 - 1. No dry sump oiling systems.
 - F. Fuel - Gasoline or alcohol
 - 1. No power enhancing additives or injectives allowed.
 - G. Fuel cell (mandatory)
 - 1. Square or rectangular in shape.
 - 2. One way vent valve.
 - 3. Encased in metal (20 gauge minimum)
 - 4. Twelve inches of ground clearance.
 - 5. Installation will be scrutinized by tech.
 - H. Fuel pump
 - 1. Mounted and driven in stock manner.
 - I. Ignition
 - 1. Only battery operated. (no magnetos)
 - J. All cars must be self-starting.

SPEC MOTOR
*2008 Spec
Motors Only

- A. 360.0 cubic inch max. 10.5 to 1 compression.
- B. No dry sump oil systems.
- C. Brodix aluminum cylinder head. No alterations.
 - 1. Sm. Block Chev. - SPCH DE. INTL
 - 2. Sm. Block Ford Windsor - SPFO DE. INTL
 - 3. Sm. Block Mopar - SPMO DE. INTL
- D. Spec intake Edlebrock only. No alterations.
 - 1. Sm. Block Chev. - #2975-2972
 - 2. Sm. Block Ford 302 - #2921
 - 3. Sm. Block Ford 351 - #2981
 - 4. Sm. Block Mopar - #2915

SPEC HEADS

- A. All spec heads will be supplied with CNC bowl blend and intake port matching.
- B. No grinding or blending of CNC work is allowed.
- C. No grinding or polishing of any kind is allowed anywhere on the castings.
- D. No use of any substance that may change or alter the shape or size of ports or combustion chambers is allowed.
- E. A maximum valve size of 2.080 intake and 1.600 exhaust will be allowed for all Spec heads.
- F. Valve seats and guides are to remain as manufactured and in their cast positions.
- G. Valve angles are to remain as manufactured. The original seat center locations as provided by the head manufacturer may not be altered.
- H. No tapering or re-shaping of valve guides will be allowed.
- I. Cylinder heads may not be angle-milled. A minimum combustion chamber volume will be 60 cc.
- J. Minimum valve stem diameter is 11/32 inch..
- K. Spec cylinder head serial numbers must remain on the head and may not be defaced or altered.
- L. No welding modifications are allowed to the original head castings.
- M. Team with spec heads and intake will lose spec heads if found to be illegal. Plus a \$250 fine.

Brodix will provide a repair service where we register and keep track of repairs if you desire.

CLUTCH

Must have working clutch.

TRANSMISSION

Manual or automatic transmission allowed must have forward, neutral and reverse.

DRIVE SHAFT

- A. Steel - painted white
- B. A 360 degree steel strap around drive shaft, secured to the body and mounted approximately six inches behind front universal joint.

DIFFERENTIAL

Stock or floater

WHEELS

Any maximum 8 inch steel wheel.

TIRES & WHLS.

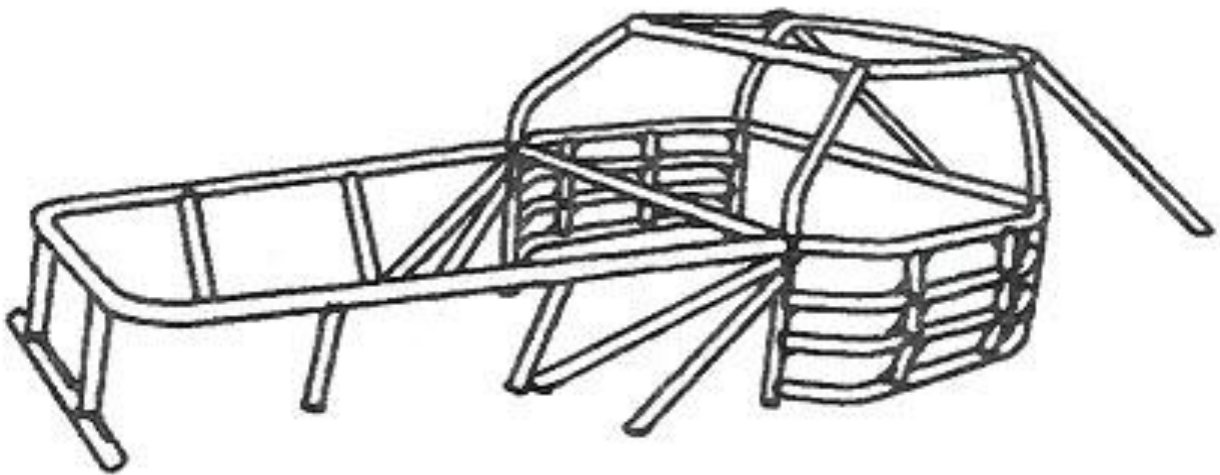
American Racer track tire for 2008. Tires will be marked with DIS Stamp. Right rear P265/60-15DSH. Tires cannot be siped, grooved, or treated

Non crate motor Street Modifieds now have the option to run Late Model tires as outlined in the Late Model rule book.

CHASSIS

- A. Any stock type American OEM front end may be used.
- B. Wheel base must be for make and model used +/-1".
 - 1. Only cars with a minimum wheelbase of 101 inches.
- C. No offset constructions, this applies to all four corners
- D. One (1) shock per/wheel
 - 1. Coil-over, load-leveler, airbag etc. not allowed
- E. Weight jacking mechanisms
 - 1. Screw and/or bucket inserts permitted
- F. Control arms (A-Frames)
 - 1. Lower control arms must remain stock in length and design, mounted in its original position.
- G. Spindles
 - 1. May be changed to accept floater type hub, rotor and caliper. (3/4 ton right front)
 - 2. Steel brake rotors
 - 3. One half inch studs minimum
 - 4. Oversize lug (stud) nuts required
- H. Brakes
 - 1. Mandatory on all four wheels (in good working order)
 - 2. Disc brakes may be used
 - 3. After market calipers may be used
- I. Sway bars permitted
- J. Leaf spring cars
 - 1. Spring steel leafs only
 - 2. Traction devices: snubber bar (slapper bar), with u-bolt stop located toward the front of traction bar.
 - 3. Anti-wrap (spring bar) devices allowed.
 - 4. No floating bird cages
- K. Coil spring cars
 - 1. Pick arms, pan hard (track) bar and radius arms must be of original intent and mounted in general location for make and model.
 - 2. Dampening devices other than rubber (or its equivalent) are not allowed.
 - 3. Anti-wrap (spring bar) devices allowed
 - 4. No floating bird cages

Picture of a typical roll cage.



ROLL CAGE

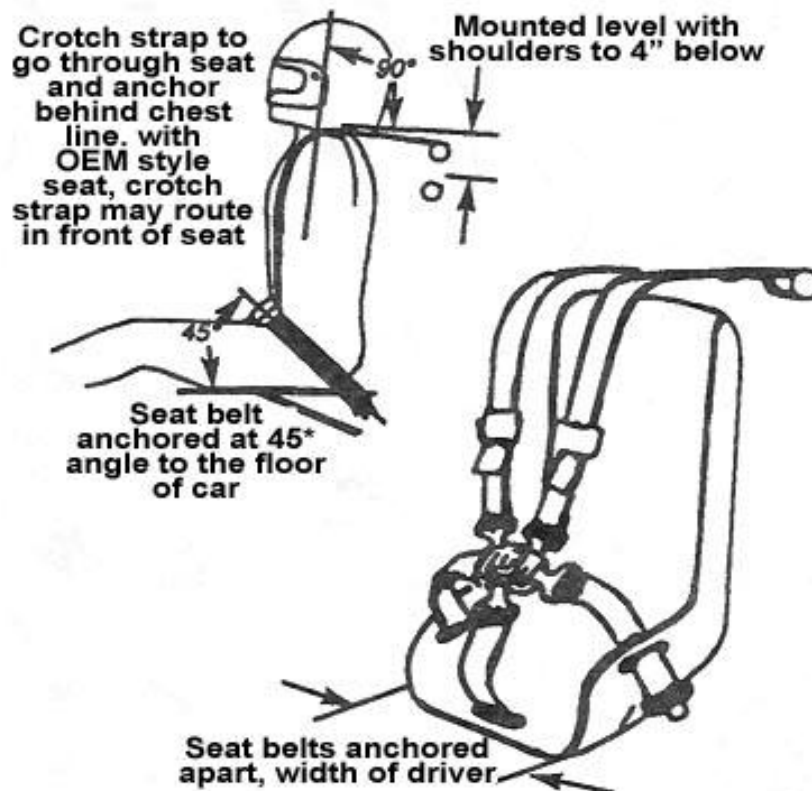
- A. There are several allowable versions to this basic design, all will be subject to the discretion of the technical inspector.
- B. Steel seamless round tubing 1.5" O.D. with .118 wall thickness.
- C. Steel seamless round tubing 1.75" O.D. with .90 wall thickness.
- D. Chromemoly round tubing 1.5" O.D. with .083 wall thickness.
- E. Minimum six point cage must surround the driver.
- F. Minimum three horizontal bars on both sides of car connecting the uprights with at least one set of vertical supports between the uprights.
- G. Front: right and left uprights should be joined together by at least one horizontal bar at dash height with at least one diagonal bar.
- H. Rear: right and left uprights should be joined together by at least one diagonal bar from right upper cage to left lower with two horizontal bars, one lower right to left and one at approximately two inches below driver's shoulders.
- I. Rear: Right and left uprights must have diagonal bars from top of cage to rear frame rails.
- J. Top of cage should be at least 2.0" above driver's helmet.
- K. Other than OEM frames, main frame rails must be 2" x 3"x .120 wall thickness, with the 3" dimension vertical.
- L. All bars within drivers reach should be padded.

SEAT

- A. Racing type high back (head rest) seat only
- B. Securely fastened to the roll cage and/or frame.
- C. Seat bolted (3/8") in six spots, four in the seat bottom and two in the back.
- D. No floorboard installations.

BELTS & HARNESS

- A. A five point quick release shoulder harness required
- C. Mounting points must be either to the frame or the use of fish plate when bolting to the floorboard. Window net recommended.



Crate Model Optional Street Modified Engine & Chassis Program

Use of GM spec motor # PN88958602 in existing Street Modified or Late Model chassis.

ENGINE	General Motors spec motor # PN88958602 only. Stock rocker arms that came with the motor only. OEM style fan & water pump crank driven. Crate motors must run all parts that come on the engine. (Example: Must use the harmonic balancer, valve spring retainers, keepers, and pushrods that came with that motor.)
ENGINE PURCHASE	All new motors must be purchased at Courtsey Chevrolet in Salisbury MD. We will not except any crate motor that does not have our current seals.
EVACUATION PUMPS	Evacuation pumps of any kind are not allowed.
EXHAUST SYST.	Mufflers required. Recommended mufflers, Flo-Master or Super Trap. Max. 100 db at 25 feet. Tube Header 4-Tube 1-collector per side only. No tri y headers.
DISTRIBUTOR	The use of aftermarket distributor allowed, but must be OEM style. Distributor must have self contained electronics. No external coil or electronic boxes allowed. MSD Rev. Limiter #MSD 8728 with 6000 rpm chip installed. This must be hooked up and working at all times. (We recommend soldering all connections). If found to be higher than 6000 RPM chip, you will lose purse and points for that event, all season points, and a fine of \$500.00 must be paid before racing again. MSD must be out of reach of the driver. All wiring must be exposed and easily traced.
FUEL	Only fuel purchased from Delaware Intl. Speedway may be used. Fuel will be subject to testing at the discretion of D.I.S. officials at any time. Fuel found to be illegal will result in the loss of points & purse for the event & \$500 fine imposed to be paid prior to racing again. Fuel pump must be stock type.
SHOCKS(NEW)	New Pro Shock Rule requires new shock on both rear corners by opening night. The new shock will be required on all four corners by June 1 st . Call the Speedway office will questions at 302-875-1911. Shocks are available thru Snookies Speed Parts 302-684-8466 or Musser Racing 302-875-7461.
SUSPENSION	No adjustment in drivers compartment. Brake bias adjustment allowed.
TIRES	Tires cannot be siped, grooved or treated. All tires will be stamped DIS. American Race Tires 13" max width, 92" max circumference. Right rear 29.0/11.0-15 DTW SD48. All other tires SD44 or harder. Max tire hoop width is 16.75 in.
WEIGHT	Weight will start off at 2400lbs. with driver after race. This weight my be changed at a later date

All car owners must sign notice regarding removal & inspection of motor.

If we find a motor that has been gone into by anyone other than Delaware Intl. Speedway's authorized repair center, the motor will be confiscated. If motor is found to be illegal you will lose motor, event and all season points, and purse for that event.

