

## **2013 STREET STOCK RULE CHANGE & CLARIFICATIONS FOR SEASON:**

ALL STREET STOCK (HOBBY) RULES WILL REMAIN THE SAME FOR 2013 BUT SUBJECT TO CHANGE IN 2014, PLEASE REVIEW THE CLARIFICATIONS AND MINOR RULE CHANGE BELOW:

### ***RULE CHANGE:***

- ~Rear spoiler is not to exceed 6" in height with 7 "of material for all make and models (2012)
- ~Tubular A-arm will be allowed but must be NON adjustable, steel and use stock mounts and ball joints
- ~Aluminum fly wheels will be allowed

### ***CLARIFICATIONS:***

- ~Rear shock mounts must mount in stock location and stock height (2012)
- ~No Torque divided, goldtrack or locker type differentials allowed (2012)
- ~ALL fuel lines that run through the drivers compartment are required to be painted red and labeled clearly for safety reasons (2012)
- ~No right front brake shut off valve (NO PROPORTIONING VALVES)
- ~No rear brake floaters
- ~No mono leafs
- ~Stock floor boards from firewall to firewall
- ~NO plexiglass or glass windshields or side windows allowed (No windshields or side windows allowed)
- ~Adjustable lowering blocks ARE allowed
- ~Slicks or G60 Hoosiers are allowed – Yes you may run a 10" wheel with the G60

## **Grays Harbor Raceway 2013 Street Stock Rules**

### **RULE BOOK DISCLAIMER**

The rules and/or regulations set forth herein are designed to provide the orderly conduct of racing events and to establish minimum acceptance requirements for such auto racing 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 EXPRESS OR IMPLIED WARRANTY OR SAFETY SHALL RESULT FROM PUBLICATION OF, OR COMPLIANCE WITH THESE RULES AND/OR REGULATIONS.**

These rules and regulations are intended as a guide for the conduct of auto racing at Grays Harbor Raceway and are no way a guarantee against injury, or death to a participant, spectator, officials or others. The Race Director and/or Technical Director shall be empowered to permit minor deviation from any of the specifications or rules herein, or impose any further restrictions that, in their opinion, do not alter the minimum acceptable requirements.

### **NO EXPRESS OR IMPLIED WARRANTY OR SAFETY SHALL RESULT FROM SUCH ALTERATION OF THESE SPECIFICATIONS OR RULES.**

Any interpretation of, or deviation from these specifications or rules is left to the discretion of the Race Director and/or Technical Officials. Their decision is final.

**Minor drivers and their parents are responsible to read and understand the rules and regulations set forth in this rule book.**

**COMPETITOR OBLIGATION:** Every driver must inspect the racing surface and the racetrack area to learn of any defects, obstructions, or anything which, in the driver's opinion, is unsafe and the driver shall report in writing to a track official. Any driver entering any racing event is considered to have inspected the track and determined that all conditions are satisfactory. If the driver does not feel that conditions are satisfactory, then the driver should not race. The driver further acknowledges that he is aware that auto racing involves risks and that by competing in that event the driver assumes these risks with full awareness and knowledge.

**ALL RULES ARE SUBJECT TO THE INTERPRETATION OF THE TRACK OFFICIALS, ANY EQUIPMENT THAT THE OFFICIALS CONSIDER EXOTIC OR NOT IN THE INTENT OF THE RULES WILL BE CONSIDERED ILLEGAL FOR COMPETITION. *IN THE INTEREST OF FAIRNESS THE RULES MAY BE ADJUSTED TO CREATE A BALANCE IN COMPETITION.***

No pretense is made for having designed a foolproof set of rules and regulations. The spirit and intent of the rules is the standard by which GHR track events will be governed. GRH Tech officials are authorized to decide if an equipment change, or modification is an attempt to circumvent these rules. GHR officials can and will disqualify a race car in violation of the spirit or intent of these rules. If this rule book does not specifically state that you can alter, change or otherwise modify something on your car, you should consider it a violation of these rules. No part is deemed to have been approved by GHR officials by passing through prior technical inspections.

### **GENERAL INFORMATION**

The Driver of each car represents to the Promoter and all others, that his car has

satisfied all applicable rules, including but not limited to safety rules, whenever such Driver participated in any warm-up, practice or competitive laps. The Driver of each car is also completely responsible for ALL actions of Crew Members, Sponsors, or all else signed under their number. If you have any complaints, disputes, problems, or questions, only the Driver and Crew Chief, Driver and Car Owner, or Driver and one representative from your team may approach and Official, in a civil manner to resolve the situation.

Although the Hobby Stock class is designed to be an entry level class, competitors are reminded they are racing before the paying public the same as the other classes.

*All participants are expected to take pride in being part of Grays Harbor Raceway's weekly program. Auto racing entertainment is what we have to offer and we will not tolerate the lack of professional attitude, conduct or appearance of car, driver crew or others involved.*

This is a STOCK CLASS of car and all parts or components deemed by the Technical Officials to be non-stock will be prohibited. Use of prohibited parts may result in disqualification, fine and/or suspension to the Driver and/or Owner.

Any prohibited or illegal part found would become the property of Grays Harbor Raceway.

All construction rules will be decided by Grays Harbor Raceway Technical Officials.

Their decision will be final on all construction rules. Burden of proof on any concern will be the responsibility of the driver and car owner.

These rules are a guideline. Contact the Grays Harbor Raceway Technical Officials for final approval of your racecar.

The Grays Harbor Raceway Hobby Stock division is designed to promote greater interest in stock car competition, these rules are intended to create an inexpensive class of racing that is equally competitive and fun, and to enable those with moderate means to participate at Grays Harbor Raceway.

These rules are set for three years, the 2011, 2012 and 2013 seasons. Rules may be subject to change at any time in order to ensure a safe competitive level of competition. To register a car and obtain a Grays Harbor Raceway Hobby Stock number call (360) 482-4374.

### **ELIGIBILITY**

1. Hobby Stock Drivers must have a membership and be a minimum of 16 years of age.

#### **NO EXCEPTIONS.**

2. All Hobby Stock Drivers and Crew Members under 18 years of age must present a notarized minors release or a minors release that is signed by both parents or guardians to Grays Harbor Raceway before they will be allowed in the pit area.

3. Releases signed by individuals under 21 years of age are not valid in the State of Washington.

4. All Hobby Stock Drivers, must be registered members of Grays Harbor Raceway in good standing.

5. All entrants must have a valid Grays Harbor Raceway pit pass. **ENTRANTS MUST WEAR THEIR PIT BAND AT ALL TIMES.**

6. You must sign in as Driver at the pit gate, and only you can drive the car that night. If you fail to register as the Driver for the night, your car will not receive points or money.

### **PROTEST, APPEALS AND COMPLAINTS:**

1. All manner in which protests and appeals must be made in the Hobby Stock Division, shall be governed by the 2011 rulebook.
2. Any complaints, disputes, questions, or problems must be directed, **by the Driver or the registered Car Owner to the Race Director.**
3. Protests, as to an official decision, must be submitted in writing, by the Driver or registered Car Owner to the **Race Director** within 20 minutes of the official decision being levied. Only a Driver or registered Car Owner in the same class may submit a protest.
4. If a Grays Harbor member who is a competitor believes that another competitor has or will obtain a significant unfair advantage by some action that the member believes is in violation of the rules, the member may protest such action to a Grays Harbor Raceway Official. The protest must be made in writing by the competitor (or his or her Car Owner) within twenty minutes after the checkered flag is displayed signifying the completion of the race. Each separate protest shall be accompanied by a \$100.00 protest fee. The Race Director and/or Technical Director shall decide whether the matter is protest able, and if so shall decide the protest as promptly as possible, and shall inform the parties to the protest of the decision. A decision that the matter is not protest able is final and non-appeal able. In deciding the protest, Grays Harbor Raceway Officials may take whatever action deemed appropriate to further the interests of fairness and finality in competition results. Such action includes, but is not limited to, revising the official race results, imposing penalties (disqualification's, suspension, fines, and/or loss of finishing position(s) in the event), awarding or subtracting of points, or taking no action. Their decision is final. If the protest is allowed, the money will be reimbursed to the person protesting. If the protest is disallowed, the money will go to the person being protested, less \$25.00 for chassis or \$50.00 for the engine, for administrative fees.

### **TRACK RULES**

1. It is the responsibility of each race team to have in their possession, a current set of rules for the division that they are participating in. If a race team member disputes or protests the rules and that team does not have a current set of rules in their possession in their pits the protest will be disallowed.
2. The **Race Director** will be the sole **authority** in the pits concerning the running of the races. The Race Director and the Starter/Flagman will be in charge of on-track competition. The Technical Director will handle all technical protests.
3. Officials will establish the race event procedures; starting positions, length, frequency and administration of all events and programs. When their decision is rendered, that decision will be final and binding. The race may be shortened due to time allotted or weather and once the race has passed the half waypoint, it will be an official race.
4. Any complaints, disputes, questions, or problems must be directed, **by the Driver or registered Car Owner**, to the Race Director immediately following the event.
5. When asked to remove a part or tear down for tech inspection and you refuse, you are subject to a fine, probation, disqualification, and/or suspension.
6. **Protests, complaints, disputes, or problems, will be handled in the pits at the completion of that race or completion of the nights racing events. Complaints are not to be made to the scorers or announcers. Any driver, car owner, crew member or family member who goes to the scoring tower at any time to dispute a**

**call will result in the driver of the car being fined and or suspended.**

7. Any Driver stopping on the racing surface to argue with an Official, in regards to an Officials decision, will be automatically disqualified from the event.

8. Any Driver or Crew Member who is injured or involved in an accident must submit to a check by the medical attendants. Any Driver involved in a serious accident will not enter or re-enter a race until approval to do so is given by Officials and medical attendants. Medical transportation from the racetrack to the hospital is the competitors' responsibility.

**9. Driver's meeting is mandatory. Driver must attend, if the Driver does attend the drivers meeting he/she will receive no passing points for their respective heat races.**

10. Radios are **NOT** allowed in the Hobby Stock division, but Raceceivers will be mandatory in the Hobby Stock division. **All cars must run a transponder, transponder must be mounted no more than 33 inches in front of the centerline of the rear axle.**

11. Permission must be obtained from the Race Director or Technical Director before any practice and or safety laps, other than the designated practice time may be taken. All cars **MUST** go through Tech prior to entering the racing surface each race day. All cars will run under the approval of the Technical Inspectors.

12. Any unauthorized persons entering onto the racing surface during race conditions will result in a disqualification, penalty, fine, or suspension, to the person and affiliated Driver.

13. No personal cars or vehicles in the pit area.

14. One person should remain with the race car at all times.

15. All Rookie drivers must start at the back of all events for the first two weeks of racing. Rookies must have a rookie ribbon on the back of the car.

16. Waste oil must be placed in waste oil barrels at the designated waste oil area. Failure to do this will result in a minimum fine of \$200.00.

17. Unsportsmanlike conduct by drivers will not be tolerated. An appropriate penalty will be issued.

18. Verbal or physical abuse of anyone will not be tolerated. Minimum one week suspension, fine or both.

19. Any competitor or Crew Member who participated in a fight in the pits, or on the race track, or on the premises, will result in a minimum of \$500.00 fine, suspension, and/or loss of points and positions in the

event. **STAY IN YOUR OWN PITS! ANY DRIVER OR CREW MEMBER THAT GOES INTO SOMEONE ELSE'S PITS, YELLING OR WITH ANY KIND OF AGGRESSIVE BEHAVIOR WILL NOT BE TOLERATED!! YOUR CAR WILL BE LOADED AND YOU WILL NEED TO LEAVE THE RACE TRACK PREMISES.**

20. Any competitor or Crew Member, who has a pit band, partakes of any alcoholic beverage, stimulating, depressing, or tranquilizing drugs or is otherwise under the influence will result in disqualification and a minimum fine of \$500.00 along with a suspension.

21. Any competing car, whose speed has been reduced to the point where it could cause a safety problem, may be removed from the racing surface at the option of the

Officials.

22. End of the year tie breaker procedures: Most first place A-Main wins, if still tied after wins, the tiebreaker will continue as follows until tie is broken. Most A-Main second place finishes, most third place A-Main finishes, most top five finishes (all events), highest win percentage in all events.

23. **ROOKIE OF THE YEAR:** If you are competing for Rookie of The Year, and you run more than five (5) races in your division and/or an upper division, in any year, you are not eligible to compete for Rookie of The Year in the future.

24. Any car continuously unable to start under its own power may be liable for a penalty or disqualification from the event or from the complete program.

25. Any Driver or Crew that does not take their car to the line-up grid, when requested to by the Officials, they may be required to start at the back of the line-up for that event.

26. If a car is dead on the track, when racing is in progress, the Driver must stay in the car with seat belts fastened until the race is stopped, except in case of a fire or rollover. Failure to comply may result in a penalty, disqualification, and/or suspension.

27. No racecars will be allowed on the track until the track has been opened for official practice or racing.

28. No person shall be permitted to ride on the outside of a racecar, tow vehicle or trailer at any time.

29. No speeding in the pits. You must use caution while driving in the pit area or you will be subject to a fine or suspension. No donuts, burnouts, etc. allowed. We need to keep the pits safe for Drivers and all others.

30. Per the GHR track insurance company, quads will be limited to Sprint Car Teams ONLY, with restrictions. One quad per team and the quad must come with the team not in a separate vehicle. There will be a posted speed limit of 5 mph at all times, absolutely no passengers on quads. Quads must be registered and proof of insurance is mandatory. Only licensed drivers are allowed to drive a quad. **THERE WILL BE NO TOLERANCE FOR ANY INFRACTIONS.**

31. No firearms allowed in the pit area.

## **FLAGS**

**1. ORIGINAL START:** You must take the Green Flag at the start of the main event in order to compete in that main event. If you come out once the race has started, you will be black flagged and parked.

**2.** On the original start of any race, Drivers must stay double file nose to tail and may not pass until you cross the chalk line in turn four. If you pass before the chalk line, you will be penalized two positions at the next yellow flag or at the end of the race. There will be a mark on the wall in the middle of turn three & four where the leaders will pick up the throttle. Drivers on the front row of any race, get one (1) chance on the original start. If the start is waved off, they will go back a row and the second row will move to the front row.

**3.** On any start of a race, if a car drops out, the line will move up. Example: If a car on the inside row, say the third place car, falls out of line and cannot start the race, then that row only will move ahead. Same as if the sixth place car falls out, then only the outside row will move ahead.

**4. RE-STARTS:** All restarts will be double file behind the leader, the leader will set the pace. No passing until you pass the chalk line in turn four. If you pass before the chalk

line, you will be penalized two positions at the next yellow flag or at the end of the race.

**5. GREEN FLAG:** On any start or re-start, you will always receive the green. If the Race Director does not like the start, he will then throw the yellow, and re-start the race.

Drivers on the front row of any race, get one (1) chance on the original start. If the start is waved off, they will go back a row and the second row will move to the front row. You must remain side by side until you pass the chalk line in turn four.

**6. YELLOW FLAG:** When a yellow flag or yellow lights comes on, you will slow and maintain your position, you may not pass, failure to do so will result in being put to the back of the field. Under each caution, yellow laps will **NOT** count. No racing back to the yellow. If you are unsure what position you are in, pull up beside the Driver in question and wait for the Officials to direct you to your proper restart position. If you are involved in or cause a caution, you go to the rear of the field. **Any driver spinning or causing two yellow flags in heat races and three yellow flags in the main event will be black flagged from that event,**

**7. RED FLAG:** Cars must come to a complete, safe stop. Drivers are not allowed to move their car off the track on a red flag. Drivers may exit the track, only by permission of an Official or when the track goes to a yellow condition. Failure to abide by this rule will result in a two (2)-lap penalty.

**8. BLACK FLAG:** Drivers receiving a black flag will leave the track immediately, failure you to do so will result in disqualification from that event.

#### **RACE PROCEDURES AND LINEUPS**

1. Group qualifying sessions will be performed at all Grays Harbor Raceway events. Pill draw will determine qualifying groups. Drivers will receive five (5) laps to qualify, those drivers missing their qualifying groups, will receive no passing points in their respective heat races.

2. Heat Races will be ten (10) laps. Heat races will be lined up fully inverted from qualifying times..

3. A maximum of twenty (20) cars will start the A-Main.

4. Feature will have up to six rows lined up by pill draw to determine the inversion of 0, 2, 4, or 6.

5. On Mid-season and Championship night, the top six (6) in points will be locked into the A-Main. The remaining cars will qualify and start straight up behind the top six. The top six will race a six lap scramble race. Lined straight up by points, the finish determines the starting lineup for the A-Main

6. A car and driver qualify as a team. Each driver can qualify only one car. No driver will be permitted to change cars after taking the green flag of his/her heat race. An exception to this rule will be a two day race.

7. Grays Harbor officials will advise drivers of the make-up of the number of heat races, main events, field maximum size and other pertinent information at the drivers meeting.

8. The lineup posted on the pit board when cars entering the racing surface for any race shall be the final lineup. In the event of a car dropping out of the lineup for mechanical reasons, the row will move straight forward.

9. The start will be official only upon the starter signaling with the green flag. In the event a pace car is used, all cars shall take their proper position behind it. In the event a pace car is not used, the pole car will set the pace which shall be consistent with track conditions and as required to keep the field in formation. *GHR* shall be empowered to

disqualify or penalize any driver violating this rule.

10. A white line or Cone will be placed on the turn 4 area for all double file starts. All cars must remain in proper order until they pass the chalk line or cone.. Flag man will be instructed not to throw the green flag until then. If, in the Officials judgment, the front row car or cars are out of position a yellow will be displayed, after the green and a warning given to offender. Any further violation will result in the offender being placed a row back with car behind offender being brought to front row. Any other car not in proper position, in the Officials judgment, will be penalized a minimum of 2 positions plus one position for each position gained over one. This penalty will be imposed on the next yellow or red flag. If there is no flag after penalty then it will be enforced at end of race.

**POINTS SYSTEM**

**A Feature Points**

- 1. 150 9. 113 17. 96
- 2. 142 10. 110 18. 94
- 3. 135 11. 108 19. 92
- 4. 130 12. 106 20. 90
- 5. 125 13. 104
- 6. 122 14. 102
- 7. 119 15. 100
- 8. 116 16. 98

75 points will be awarded to all drivers that take a competitive green flag but fail to make the "A" feature.

60 points will be awarded to all drivers that make an effort to compete but fail to take a competitive green flag in Heat or Feature action.

**Heat Race Points**

The passing point system will be used to determine starting positions in feature events. Heat points will NOT be used for season championship points.

In the event of a tie in passing points, the driver who first earned the points shall be aligned

in front of any subsequent driver earning the same number of points. Passing points will be figured on the actual starting position on the final parade lap.

**Starting Position**

	1	2	3	4	5	6	7	8	9	10
1	100	105	110	115	120	125	130	135	140	145
2	91.5	93	98	103	108	113	118	123	128	133
3	83	84.5	86	91	96	101	106	111	116	121
4	74.5	76	77.5	79	84	89	94	99	104	109
5	66	67.5	69	70.5	72	77	82	87	92	97
6	57.5	59	60.5	62	63.5	65	70	75	80	85
7	49	50.5	52	53.5	55	56.5	58	63	68	73
8	40.5	42	43.5	45	46.5	48	49.5	51	56	61
9	32	33.5	35	36.5	38	39.5	41	42.5	44	49
10	23.5	25	26.5	28	29.5	31	32.5	34	35.5	37



## **COMPETING MODELS & BODIES**

1. Open to any 1960 current North American full size passenger car, no vans, pickups, convertibles or 4 wheel drives. Minimum wheelbase 101". **Minimum weight 3150 lbs with driver, for a sealed 602 GM Crate Engine, and 3,300 lbs with driver for any other combination (see Engine Package Rules below)**, at all times, no tolerance. No bolt on weight allowed, no titanium parts or components allowed.
2. All bodies must remain in stock location and height. Aftermarket bodies fiberglass or steel bodied allowed, must be stock appearing, no outlaw dirt bodies, no wedge or homemade allowed. After market front fenders, door skins, front noses and rear bumper covers allowed. Rub rails allowed must be capped on both ends.
3. Front inner fender wells may be removed, wheel openings may be cut for tire clearance only. Hoods and deck lids may be stripped, hood must be secure and have a minimum of three hood pins, and deck lid must have a minimum of two hood pins.
4. Rear spoiler allowed, if not OEM spoiler not to exceed 4 inches in height with 5 inches of material. Spoiler can be no wider than stock quarter panels.
5. Tow hooks front and rear are mandatory.
6. All cars must have stock front firewall. Drivers compartment from front firewall to rear firewall must be sealed from rest of car. All holes in the front and rear firewall must be sealed. Trunk floor pan and wheel wells may be removed.
7. All glass must be removed, windshield openings must be strapped with a minimum 1 1/4" straps or tech approved substitution.

## **FRAME AND SUSPENSION**

1. All frames must be complete and retain OEM specifications and dimensions as manufactured.
2. All suspension components must be stock steel OEM for make and model. Stock OEM ball joints, no screw in type or Howe type ball joints allowed.
3. Aftermarket 5-inch springs allowed. Adjustable spring pockets or adjustable spacers allowed. No weight jacks allowed.
4. Rear leaf springs must be steel, adjustable rear shackles and lowering blocks allowed. No composite leaf springs allowed.
5. Stock sway bar must be mounted in stock location.
6. Stock, steel non adjustable, non take apart shocks permitted. Front shocks must mount in stock location with OEM mounts and fasteners. Rear shocks may have heim ends, but must mount in stock location.

## **BRAKES**

1. Must have stock OEM operational four wheel brake system. .
2. Adjustable proportioning valve or brake biased adjusters will be allowed, may be located in drivers compartment.

## **REAR ENDS**

1. Stock rear axle housing may be replaced by a Ford 9", floaters allowed. Must use stock mounting hardware and mount in stock location. Replacement OEM axles allowed and highly recommended.
2. Locked differentials allowed, mini spools, spools or welded only.

## **TRANSMISSIONS & CLUTCHES**

1. Transmission must be OEM production, manual or automatic. Transmissions may be lightened and first gear removed. All transmissions must have a reverse gear.

2. Automatic transmissions must have a fully operational torque converter. Torque converter must be 10" or larger. No direct lockup transmissions allowed.
3. Stock OEM type clutch assembly's only, aftermarket pressure plate allowed, minimum 10 1/2" single disc clutch, Hydraulic throw out bearing allowed.
4. Stock OEM steel flywheels, no aluminum. May be lightened.
5. Transmission cooler and oil lines must be enclosed in a steel line if run through the drivers compartment.

### **BELL HOUSING**

1. An approved scattershield is highly recommended. .
2. If a scattershield is not used, all transmissions, manual and automatic must have a 180 degree coverage. With a minimum material to be 5/16 inch nylon web or 1/4 inch steel or blanket.

### **DRIVESHAFTS**

1. One piece steel drive shafts only.
2. It is mandatory that two 1/4 inch x 1 1/2 inch steel drive shaft hoops, front and rear be installed in a safe manner. Chain may also be used.
3. All drive shafts must be painted white.

### **WHEELS AND LUGS**

1. 10 inch maximum steel wheels ONLY. Reinforced or racing wheels recommended.
2. Wheel studs must protrude past lug nuts. 1-inch lug nuts mandatory, 5/8-inch wheel studs mandatory.
- 3 The use of bleeder valves is not permitted, one valve stem per wheel.

### **TIRES.**

1. SLICKS ONLY, Maximum 11 inches, no grooving or sipping permitted.
2. Tire softening or soaking is not permitted. Penalty for tire soaking, will be loss of points and money/fine and or suspension.

### **ENGINE PACKAGES**

1. **The GM Crate Engine part # 88958602 is optional. Tampering with the crate engine shall be subject to \$1000.00 fine, loss of all accumulated points & suspension for 1 year. GM Crate Engine PN # 88958602 may use a box stock Holley 650 CFM 80541-1 Holley Carburetor. The only modifications or alterations allowed will be the removal of the choke plate, replacing jets, power valve, squirter nozzle size. Absolutely no other modifications will be allowed. Must have two (2) throttle return springs. Cars must run an air cleaner at all times. Weight 3150 pounds.**
2. **Stock Steel OEM Block, Stock Steel OEM heads, Factory stock or OEM replacement parts, no alterations, eg. no over sized valves. Guide plates, roller rockers, and screw in studs allowed. No high performance or aftermarket blocks or heads allowed. Up to a maximum of 390 cubic inches (No de-stroked 400 engines). Maximum one two or 4 barrel carburetor allowed. Carburetor adapter is allowed. The maximum thickness of the adapter is 1-inch. Only 2 paper gaskets (1 per side) maximum thickness .065. No additional air holes in the adapter allowed, must have two (2) throttle return springs. Cars must run an air cleaner at all times. Weight 3300 pounds.**
3. **The 2009 season will be the last year for any engine over 391 cubic inches, including 400 blocks.**

4. Intake manifold may be cast iron 2-barrel or Edelbrock Performer aluminum intake, part #'s AMC #2131, Chevrolet #'s 2101, 2116 or 5001, Dodge #'s 2176 or 5076 and Ford #'s 2121, 2181, 5081.

5. All engines must be no farther back so that the center of the forward spark plug hole on the left side of the engine is inline between the center line of the lower ball joint.

6. No holes, tubes, funnels or any device which may control or redirect the flow of air, is permitted inside the air cleaner or between the air cleaner or carburetor.

7. All carburetors must match Grays Harbor Raceway's tech carburetors.

#### **IGNITION AND BATTERY**

1. MSD ignitions allowed, no magnetos allowed. Crate Engine must use stock HEI that comes with the engine.

2. Battery must be mounted in a sealed covered and vented battery box that is located in a safe manner with protection for the driver and others.

3. All electrical switches must be located within easy reach of the driver.

4. A labeled on/off master switch is required, and must be connected to the battery cable in such manner that would cut all electrical power to the car and be located in the drivers compartment so that it is accessible from both sides of the car.

#### **EXHAUST MANIFOLDS**

1. Cast iron exhaust manifolds or conventional type headers allowed, no stepped headers, maximum 1" 5/8's tube size. Must run dual exhaust. No two into one exhaust systems allowed, no crossover or 180 degree headers allowed.

2. Mufflers mandatory, exhaust must extend past the drivers compartment.

#### **RADIATOR**

1. Radiator must be stock appearing and remain in stock position.

2. Aluminum radiators are permitted.

3. A fan shroud must be installed if using a steel fan.

4. An overflow catch can (one gallon minimum) connected to the radiator overflow is mandatory. No antifreeze allowed.

#### **.ROLL CAGE AND PERSONAL SAFETY EQUIPMENT**

##### **GENERAL SAFETY**

For all safety devices it is the responsibility of the driver, not Grays Harbor Raceway, its officers, or its agents to ensure his/her safety device systems are correctly installed, maintained, and properly used at all times. As with safety items, Grays Harbor Raceway strongly recommends that the driver fully study all manufacture's installation and usage guidelines and adhere to these recommendations to the highest extent possible.

##### **ROLL CAGE**

1. Cars must be equipped with a full four point or better roll cage. Roll cage material must be a minimum of 1-1/2-inch to 1-3/4-inch maximum roll bar tubing of .090 wall thickness or 1.66 OD Black steel pipe of .120 wall thick ness.

2. All welds on main cage must be gusted.

3. Main cage must be welded directly to the frame in a full frame vehicles or be welded to a 6-inch by 6- inch by 1/4-inch steel plate that is welded to the floor pan.

4. All roll cages must be full perimeter cages. Main roll cage hoop cannot be any further back than the striker plate, no offset roll cages allowed. No straight rail frame cars allowed. No offset cages allowed. Cage must have minimum of four door bars on divers

and passenger sides, door bars must follow contour of door. It is highly recommended that the door bars be plated with 1/8" steel or aluminum on the outside of the door bars covering 2/3's of the door. One dash bar across the front of the roll cage, two vertical door support bars on each door, two horizontal bars behind the seat, one diagonal bar behind the seat from the top corner of the cage to the opposite bottom of the cage and two bars from the top of the main hoop down to the rear frame or trunk floor.

5. Front hoop allowed.

### **FUEL CELL AND FUEL LINE**

1. Fuel cell shall be securely mounted behind rear axle in the trunk area as far forward as possible.

2. Fuel cell must be minimum of 10-inches off the ground at all times.

3. A steel framework, welded to the frame rails, must be used to mount the fuel cell. The frame work must be fabricated from a minimum of 1"x 1" .083 square tubing.

4. Two straps longwise and two straps crosswise across the top of the fuel cell. The material for these straps must be a minimum 1"x 1" .083 square tubing or 1-1/2" x 1/8" steel strapping.

5. Fuel cells must be bolted to the framework.

6. A fuel cell protector bar made from a minimum of 1-1/4" x .090 steel tubing is required. The fuel cell protector bar must attach to the frame rails and extend down below the fuel cell with a center bar that attaches to the rear frame cross member.

7. Fuel lines must be enclosed in a protected conduit (steel tubing), if run through the drivers compartment.

8. **No electric fuel pumps allowed.**

9. Only OEM type mechanically driven fuel pump allowed. Fuel pump must mount in stock location.

10. Glass fuel filters are not permitted.

### **PROTECTIVE**

1. It is recommended that at all times, the driver wear a driving suit and gloves of fire resistant material that effectively covers the body, as well as fire resistant shoes, socks, head sock and underwear. Drivers suits with rips, tears and holes will not be permitted.

2. It is recommended that the driver's suit be the best quality fire protection available.

### **FIRE CONTROL**

1. Any car not equipped with a built-in fire suppression system must have a fully charged fire extinguisher, a Halon, or equivalent at least 10-BC UL rating, with an operating pressure gauge, mounted to the right side of the driver's seat, and readily accessible for use.

2. All entrants should have a fully charged 10-lb Halon 1211, Haltron-1 or equivalent fully charged fire extinguisher in their pit area.

### **HELEMTS, HEAD & NECK RESTRAINTS**

1. Recommend that drivers should wear a helmet carrying a least a valid SA 2000 standard Snell and/or SFI 31.1 or 31.2 sticker. M rated helmets will not be permitted.

2. Full face helmets with Lexan face shield recommended. Nomex helmet skirt and Nomex covered chinstrap recommended.

3. It is recommended that all drivers wear a neck and head restraint system.

### **SEAT BELTS**

1. It is highly recommended that the driver carefully study the seat belts manufacture's installation.
2. All seat belts must be a complete matching set from the manufacturer.
3. A Quick Release seatbelt no less than 3-inches in width is compulsory. Both ends of the lap belt must be fastened to the roll cage with high quality bolts, not less than 3/8-inch in diameter..
4. Shoulder harness must be no less than 3-inches in width and must come from behind and below the top of the driver's seat. Where the harness crosses the roll cage, it must bypass through a steel guide welded to the cage in a manner that will prevent the harness from sliding side to d side. No inertia reels are permitted.
5. A center crotch belt must be used. It must be a minimum of 2-inches wide and mount to the roll cage seat mount.
6. Where the belts pass through the seat edges the edge must have a grommet or be rolled so as to prevent the belt from being cut.
7. All belts must connect in a single latch, at the lap belt. Latch must be approved quick release type.
8. Belts must be replaced every (5) years and all belts must be dated by the manufacturer.

#### **SEATS**

1. A professional racing seat is required. Approved seat must be made of aluminum and manufactured specifically for auto racing.
2. Seat must be mounted with a minimum of 3/8-inch grade 5 bolts. Two bolts must be located at the front of the seat and two on bottom rear.
3. It is recommended that the seat also offer rib protection and have leg extensions.
4. Headrests recommended on both sides.
5. No fiberglass, plastic, or homemade seats permitted.

#### **WINDOW NET**

1. A window net is mandatory, rib style or mesh is allowed. The net must be permanently mounted at the bottom and have an approved quick release at the top.
2. Window net must be within five years of manufactures date.
3. Window net must have manufactures date and tag or it will not be permitted.

#### **APPEARANCE & NUMBERS:**

All cars must be bright in a appearance with contrasting numbers. Numbers must be least 18 inches high and 3 inches wide and be legible from sides of car and roof. Roof numbers to be read form the passenger side of the car. Numbers will only be issued by Grays Harbor Raceway. Call the office to confirm your number. There will be no duplicate numbers, any driver competing in the previous season will have until the third race to reserve their number before it will go back into the system.

#### **EIRI:**

Except in rare instances) Decisions of Grays Harbor Raceway Officials are final and binding without exception.

**Any part or equipment found during an inspection or any other time, that does not meet applicable Grays Harbor Raceway standards must be surrendered to GHR Tech Officials at that time, and will not be returned. Failing to not give up the part or parts will result in a fine, and/or loss of points and/or suspension. Grays Harbor Raceway Officials reserve the right to make final decisions in the**

**interpretation of any rules or race procedures at any time. No equipment will be considered as having been approved by reason of passing through inspection, GHR Officials recommend that you carefully study the Grays Harbor Raceway rulebook in order to be familiar with all aspects of racing. If you are considering apart, modification or procedure not covered in these rules, contact Grays Harbor Raceway Tech Official before proceeding with any purchases or modifications. If you have any questions regarding the rules set forth, contact the Grays harbor Raceway Tech Official.**

**In keeping with Grays Harbor Raceway's commitment to maintaining proper balance in the competition arena, it may be necessary for Grays Harbor Raceway to make rule changes and/or rule modifications from time to time. Such changes are designed to enhance close competition.**

**Grays Harbor Raceway's goal of a full starting field of various makes in each race, that are equally matched as possible is certainly in the best overall interest of the sport.**