

NW Extreme Late Models

2014 RULES

Chassis

1. No part of frame may be aluminum, titanium, or other "exotic" material.
2. All frames must be a minimum of 2 inches square or rectangular with minimum of .083 wall thickness. Round tube frames must be a minimum of 1 ¾ inches and a minimum wall thickness of .083. 4130 chrome moly only.
3. Wheelbase minimum of 103.0 at any time. Wheel width from side to side is 88 inches Maximum. Measured from outside to outside of rear tires.
4. Wheel spacers permitted
5. All lead must be solid blocks. No lead shot permitted. All lead MUST BE painted white with car number on it. This is a safety issue!
6. All bolts must be double nutted or safety wired. Locking nut alone is not legal. All "single bolt mount" clamps must have duct tape or pinned at bolt to keep lead from backing off. 25 lbs per bolt mount. One bolt 25 lbs, 2 bolts 50 lbs. No one piece over 50 lbs. Jig chassis allowed. Clip chassis allowed. No underbody shields allowed.
7. Engine set back 25 ½ inches. Measured from center of ball joint to front of engine plate

Exotic Materials

1. All exotic materials are illegal. That includes titanium and/or carbon fiber.

Horse Power to weight Rule by Motor

1. GM 602: GM Part Number 88958602
A. **Must Weigh** a minimum of 2100 lbs
2. GM 603: GM Part Number 88958603
A. **Must Weigh** a minimum of 2175 lbs
3. GM 604: GM Part Number 88958604
A. **Must Weigh** a minimum of 2250 lbs
4. Ford Part Number M6007347NST
A. **Must Weigh** a minimum of 2300 lbs

This is at the end of race. There is NO burn off!!!!

Official Motor Builders

1. Grays Automotive, Portland, Or
2. Hanson Racing Engines, Albany, Or
3. Somers Racing Engines, Vancouver, WA

Official Motor Suppliers

1. Ron Tonkin Chevrolet
Contact: Allen English
Phone: 503-408-4162
2. Whitney Chevrolet
Contact: Tracey Bidmore
Phone: 360-249-4431

Official DAA Tech by

RSRacecraft

Motor Sealing, Specification Requirements & Penalties

1. Spec Motors and parts will not be altered, modified or changed from factory specifications and must consist of all part matching components.
2. All motors will run on pump gas Only.

Bolt on Motor components

1. Carburetors
 - A. No aerosol carburetors due to dangerous fuel pressures.
 - B. One fourbarrel carburetors only of any manufacture, with a maximum of 750 CFM.
 - C. Engine must remain naturally aspirated.
 - D. GM 602 limited to one carburetor spacer.
 - E.
 1. 2 inch thick zero tolerance.
 2. May not protrude into the intake manifold.
 3. 2 standard gaskets maximum of .070 inch thick.
 - F. All other spec motors limited to one carburetor spacer.
 1. 1 inch thick
 2. May not protrude into intake manifold.
 3. 2 standard gaskets maximum of .070 inch thick

Local track and touring series engine setback

1. Spec motor setback will be no more than 8 inches from center of top ball joint to the most forward spark plug.

Evacuation system motor, transmission, and rearend

A. No evacuation system excepting fresh air systems for drivers.

Headers

1. No 180 Degree headers.
2. No TriY headers
3. All headers must be accompanied by mufflers providing decibel reduction matching local track rule.

Distributor and ignition

1. No magnetos.
2. No devices electronic or mechanical devices that allow adjustment of ignition timing inside the car.

Fuel Cell

1. All fuel cells must be securely mounted behind driver inside a .20 minimum gauge metal box supported by a minimum of (2) 2" by 1/8" steel straps.
2. A square tubing cage around the fuel cell is highly recommended, but not mandatory.
3. All fuel cells must be visible from rear of the car and have number of the car clearly visible.

Fuel delivery System

1. One mechanical fuel pump only.

Starter and reverse

1. All cars must have a working starter.
2. All cars must have a working reverse gear.

Brakes

1. All cars must have operational 4 wheel braking system.

Electronic Devices

1. No electronic devices that adjust suspension, shocks, fuel delivery, ignition, and/or aerodynamics. Wheels
1. Up to 14 inch wide wheels permitted
2. Steel or aluminum only
3. Bead locks permitted
4. Carbon fiber or titanium wheels are NOT legal.
5. Minimum Wheel Base 103 inches center of front hub or rear hub

Tires

1. Hoosier D55 WRS 55 or Hoosier D55 with HTW stamp. As of this year all rear tires need to be Hoosier D55 with HTW stamp. Tires must be purchased through an "authorized" NORTHWEST EXTREME LATE MODEL SERIES tire dealer to eligible for points. Tires may be marked at discretion of series.
2. NORTHWEST EXTREME LATE MODEL SERIES reserves the right to alter tire rules from the standpoint of "Safety and local tire rules". NORTHWEST EXTREME LATE MODEL SERIES reserves the right to alter tire rules in case of supply issue.
3. NO tire softening, tire will be checked by durometer.

Bodies

See Diagrams in back of rule book for Exhibit A

Exhibit A

1. Standard Dirt Late Model bodies only
2. Fenders and hoods must begin no further forward than the engine plate, and be flat when viewed from the side meaning the fender top surfaces and hood top surface are on the same side.
3. Quarter panel length may not exceed 48 inches from the center of the rear hub to the nearest vertical rear edge.
4. Door/skirts and quarter panel/skirts may not be taller than 32 inches.
5. All fenders, fender flairs, nose, door panels, and/or quarter panels must be no wider than 84 inches
6. Rear deck must end flush with the rearest edge of the quarter panels and may not exceed past the spoiler.
7. Rear deck may not be wider than 76 inches centered on the spoiler.
8. Rear deck may not exceed 40 inches from the top of the deck to the ground without driver weight.
9. Sail panel may not break the horizontal plane of the roof, must be a 2 inch gap between sail panel and spoiler supports.
10. Wheels may not be covered by the body.
11. No wings, sideboards, or roof mounted spoilers allowed.

ANY external edge demonstrating an aerodynamic performance advantage is prohibited as per series official discretion.

Spoilers

1. From left edge spoiler may not exceed 72 inches
2. Spoiler may not extend more than 10 inches from the back of the deck to the highest edge of the spoiler, and may not have the highest edge of the spoiler be higher than 10 inches perpendicularly measured from the deck.
3. Spoiler may be constructed of Lexan or aluminum, but may not be made of plexiglass.
4. Spoiler supports shall be no more than 2 inches above the spoiler, and no closer than 2 inches from the sail panel.

Firewalls

1. Must be approved firewall (by Series official)
2. Edges of firewall should be completely "sealed" with silicone or similar material in case of fire.
3. Floor should be reinforced for safety.

4. Sheet metal beside driver should be strongly reinforced or use heavier gauge in this location.

Roofs

1. Sheet metal, fiberglass, or plastic. Carbon fiber edges permitted.
2. No odd shaped or partial tilted roofs. Must be parallel to body. Must have roof supports and posts. Bottom of front post maximum of 7 inches. Post must run in a straight line and maximum of 3 inches. May taper at bottom into post. No V shape of roof measured from outside to middle.
3. Quarter windows must be either both sealed or open. Quarter windows maximum 43 inches. Length minimum 44- maximum 54. Width minimum 48 maximum 52.
4. Front and rear of roof must roll, not create a spoiler effect.
5. Rear roof supports cannot be offset. Must meet edge of body. Maximum 3 inch arch measured on front side.
6. Window openings must be same as body. RE: Ford, Dodges, Chevy, etc.... Nose Pieces

1. Any extensions must be of flexible material. Maximum of 2 inches outside of front tires. Must be mounted flat to top of fenders. Fenders may not "V" in. Maximum measured from center of front hub is 54 inches at furthest point. Nose must be same as body type. (Dominator brand noses are legal.)

Interior

1. Interior body work may be dropped a maximum of 4 inches below the door. Drop interior must be enclosed at firewall in case of fire.
2. Flat interior must maintain a minimum of 11 inches from roll cage to allow for easy exit in emergency situations.

Decal Packages – If series sponsored

1. Decal packages are mandatory!! Series will furnish decals and designated positions per diagrams provided. Series reserves the right to display sponsor decals on front fenders of each competitor's car at any Northwest Extreme Late Model event. Northwest Extreme Late Model Series reserves the right to 10 specified positions on each competitors car. Members or not. No decals on the car and you will not receive any points or money.
2. Event Partners: Event Partners are one time partners for that event only. Please feel free to remove decals after that event.
3. Numbers only, no letters.

Safety Equipment

1. Right side headrest mandatory
2. All cars must have 3 inch seatbelt system including five point harness, no older than 3 years, and in good condition.
3. All drivers must wear a complete fire suit
4. Driving gloves are STRONGLY recommended Some tracks may require them
5. Window nets are STRONGLY recommended

Individual Track Rules

1. Note that track rules on an individual basis may over ride series rules. This is in related to mufflers, safety items, etc. Such as window nets, gloves, etc. Please check with the individual track before attending an event.

Protest

1. Top five cars can protest anyone without top five position.(Driver is the only one who can protest)
2. Participant refusing to allow claim will be considered " illegal within the bolts" and penalties accordingly in such will apply
3. All fees must be paid in full within 10 minutes of protested car crossing the scales and needs to be directed to series director ONLY.
4. Drivers do not have a choice of where the car will be taken to. That will be decided by the series director.
5. Northwest Extreme Late Model Series will not tolerate cheating within the bolt/seal
6. Complete teardown: \$1000.00 fee. \$400.00 goes to series and/ or track(engine will be put back together at Northwest Extreme Late Model Series "authorized" engine builder for \$ 600.00 plus any applicable parts). NOTE: \$600.00 is for reassembly and resealing. Does not include any additional needed parts related to wear and tear.
7. Pull Head and Intake: \$400.00. \$100.00 of fee goes to series and/or track
8. If found legal, driver receives no money.
9. Should a competitor change engines, tech personnel must be notified in advance. Both engines may be subject to technical inspection. Engine not inspected in advance will automatically be disqualified.
10. Northwest Extreme Late Model Series reserves the right to check any competitors' engine by Dyno testing, tear down, or any other means found necessary to confirm the legality of an engine. Any competitor that will not allow testing procedures per the discretion of the director, tech official, or any Northwest Extreme Late Model Series official, will be barred for 1 race and all points and monies will be forfeited and fined \$1000.00. Second offense , gone for life. It is the duty of Northwest Extreme Late Model Series to keep engines legal per the Northwest Extreme Late Model Series.

Radios

1. Raceivers are mandatory to compete
2. All other radios are prohibited including, but not limited to:
 - A. Two way radios
 - B. Cell Phones
 - C. One way spotter radios
 - D. NO BOARDS!!!
 - E. Hand signals are ok

Conduct Rules

1. Any driver or crew member that puts their foot on the track without the assistance of a series official will be disqualified immediately. No points and no money will be awarded. This does not include fire or safety instances.
2. Any driver that is black flagged and does not adhere to the flag will be award no points and starting money.
3. Any person fighting will be fined \$500.00 for the first offense, \$1000.00 for the second offense. That car will not race again until the fine has been paid in full. No points or money will be awarded for that event.
4. Internet bashing or deformation may result in membership being “revoked”
5. Unsportsman like conduct will not be tolerated on or off the track while attending an event.
- 6. Drivers, YOU ARE RESPONSIBLE FOR YOU CREW MEMBERS!!!!**

Series Racing Rules

1. All drivers must attend the drivers meeting. If you do not, you will start in the back of your heat race.
2. If you do not draw a pill for Qualifying, you will qualify in the back
3. Your car or you (the registered member) must be on the track to receive. If you can't attend, you can send one of your alternate drivers in the registered car . If your car is unable to be there, you may drive another legal car. The alternate driver must be listed on registration.
4. If you are involved in a yellow or stop on the track at anytime, you will automatically go to the back (there may be circumstances that will be at discretion of the Director).
5. If you're the cause of one caution in a heat you will be disqualified from that race and must leave the track immediately.
6. If you spin 3 times in a main you must leave the track immediately
7. We do not count yellows. If we run late, laps will be cut. (Even in special races)
8. You will have two courtesy laps when you are in the hot pit area
9. Pulling hoods or anything that constitutes actual race performance will be considered stopping on the track and result in going to the rear! You must pull off the track to make any repairs or adjustments.
10. If you are on the track before race starts and a car is missing that whole row will move forward
11. If officials deem safety issue, you will be directed to the hot pit area for repairs. You will then start at the back of the field.
12. Driver who times in car must race or if change of driver then must start in back of the heat/dash qualified for and will start in the back of the LCQ Main
13. Cars to be teched will be determined by Northwest Extreme Late Model Series official and at any time during the event.
14. All cars to be teched will be done in the designated hot pit area following trophy presentation
15. All complaints and questions must be directed to must be directed to the series director.
16. No one is allowed to approach any official during a race. Full attention of the officials is needed on the race in progress. (All questions must come from the driver)
17. Under NO circumstance is anyone allowed to approach Jerry Schram with any question or complaints. When at the tracks he is a racer!!!!
18. No track official is to make a call or touch the cars in unless directed to by NWELM official
19. No pit crew on track under Red flag unless directed by NWELM official
20. All rules are subject to change. To keep the competition fair. Competitive racing. Fair and safe.
21. Drivers may have substitute driver in the event of injury at the discretion of Director.
22. Drivers may not substitute car in the event of accident once qualifying has been completed.
23. No person under 16 years of age will be allowed to race without 2 years experience and race directors ok. **NO PERSON UNDER THE AGE OF 14 YEARS.**

Cost

- Membership fee for car and driver.....\$ 50.00 (There is no grace period this must be paid before you race)
Entry fee for car and driver at all tracks.....\$ 50.00
Tracks with transponders may have an additional fee for rental.

Notice to all driver

- You must fill out a W2 Form and return it before you can receive pay at any track!!!
You can find Registration, driver profile and W2 form on the NW Extreme Late model website under “Drivers Info” tab.