

2026 Birch Run Speedway Limited Late Model Rules

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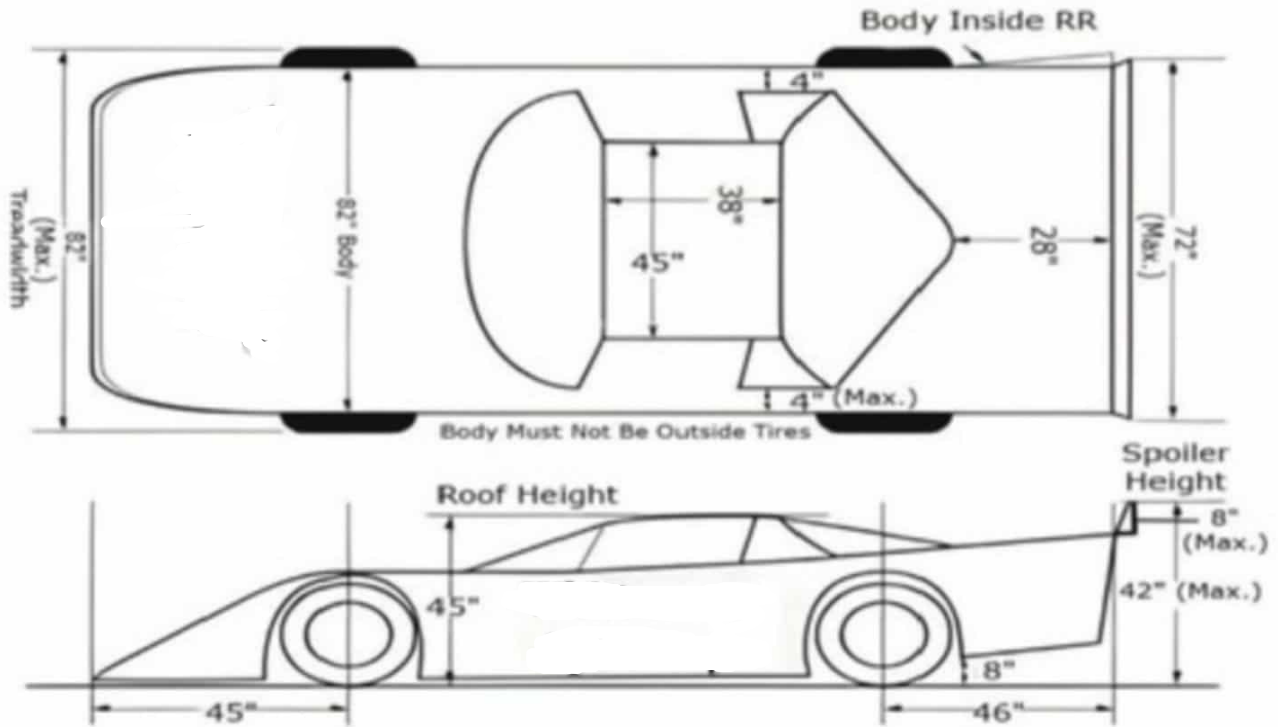
© ABSENCE OF A PARTICULAR RULE DOES NOT NECESSARILY MEAN IT'S APPROVED. ANY INFRACTIONS OF THE RULES MAY RESULT IN A WEIGHT PENALTY (FOR THAT EVENT) OR NOT BEING ABLE TO COMPETE ENTIRELY.

© ALL IDENTIFIED RULE INFRACTIONS MUST BE RESOLVED PRIOR TO FOLLOWING EVENT (NO ON-GOING WEIGHT PENALTY SUBSTITUTE)

© It is the driver's responsibility to look over and/or upgrade all personal safety equipment. It is highly recommended that all safety equipment meets the SNELL 2015 or better rating and be SFI/1 approved. It is the driver's responsibility to read through these rules thoroughly and understand them.

© A type of neck collar is mandatory. Seat belt minimum is 3" if a conventional type neck collar is being used. if a HANS device or similar head and neck restraint is being used where the seat belt shoulder straps go over the platform of the head and neck restraint you will be allowed the use of a 3/2/3/ seat belt system which consist of 2" shoulder straps that pass over the head & neck restraint platform all other belts are 3" seat belts can be used up to maximum age of 5 years. Seat belts must be in good condition and free of cuts or tears, grinder marks, weld splatter, melted areas, extremely sun faded or areas that are rough and extremely weathered. If any of the poor conditions are visible with your seat belts they

will not be allowed for use.



1. Body:

- A. Minimum of 101-inch wheelbase.
- B. The body must be made of sheet steel, aluminum, or fiberglass, made for racing aftermarket components are required.
- C. Carbon-fiber roof air box only allowed.
- D. The driver's compartment must be made of metal and be fastened securely in place and completely separate from the engine compartment and trunk compartment.
- E. All cars must be completely and neatly painted.
- F. A white 6" tall x 1" wide number must be located on the upper passenger side windshield.
- G. All glass must be removed. The full windshield and rear windows are to be made of **CLEAR** Lexan only. Plexi-glass is not allowed.
- H. Mirrors are not allowed.

2. Body Design Requirements:

- A. Center of front hub to front of spoiler/nose piece: maximum of 45 inches.
- B. Minimum ground clearance at the nose of the car: 3 inches.
- C. Minimum roof height to ground: 45 inches.
- D. Center of rear hub to back of rear quarter panel: 46 inches max.
- E. Rear quarter panel ground clearance behind tires: 6 inches minimum.
- F. Width of nose: 82" maximum at wheel flare and no further back than centerline of the spindle. Air MUST travel through nose. Measurements for opening of nose 24" wide x 4 1/2" tall or 18" wide x 6" tall. Aftermarket nose pieces only.
- G. Minimum height of side widow openings: 14 inches.
- H. Minimum width of side window openings: 22 inches.

- I. Minimum roof width: 45 inches.
- J. Maximum Spoiler height from the rear deck of 8", no vertical supports or forward-facing lips.
- K. Maximum rear deck spoiler width: 72 inches.
- L. Maximum rear deck spoiler height: 42 inches from the ground, 1" rearward facing lip only. NO forward-facing lips.
- M. **NO VINYL OR STICKERS ON SPOILER.**
- N. Maximum width of the flat surface on the top of the body between the front windshield and rear post: 4 inches.
- O. Openings or louvers of any type on body/side panels are NOT allowed. NO front fenders rounded in towards chassis.
- P. No verticals anywhere on the body or spoiler.
- Q. The top surface of the deck lid must not be dished and cannot be lower than the top of the rear quarter panels.
- R. The width of the fenders must gradually taper from their maximum width at the wheels to the rear of the car. Straight panels or abrupt kick in just before the rear of the car are not allowed.
- S. **82-inch max track width.**
- T. Rear filler panels are mandatory and must be made of solid material. Minimum height of 14 inches x the width of the body. The filler panel will be measured vertically, perpendicular to the ground, directly to the deck lid under the base of the rear spoiler.
- U. Maximum belly: 1/2 " belly allowed for rear deck area and body sides.

3. **Pans:**

- A. Under car nose, quarters, or right side of chassis to body will NOT be allowed.
- B. You will be allowed a skid plate from the back side of crossmember to the front of center section.
- C. A center section filled with weight ballast will be acceptable.
- D. The center section will NOT be allowed aluminum, Lexan, or light material riveted or bolted to center section to act as a pan and close off-center section.
- E. The steel plate welded in the center section from chassis manufacturer is acceptable.
- F. Splitter stiffener for bottom of nose piece will NOT be considered a pan if it is kept the same size as the supplied part received.

4. **Battery:**

- A. Only one battery is allowed.
- B. The battery must be securely mounted outside of the driver's compartment.
- C. A battery disconnect is mandatory and must be in easy reach of the driver and track officials.

5. **Brakes:**

- A. Four-wheel hydraulic brakes are mandatory and must be in good working condition.
- B. Aftermarket components including proportioning valves are allowed.
- C. Brake floaters are not allowed.
- D. **Cast iron brake rotors only.**

6. **Engine:**

- A. Cast iron engines only. **No lightened blocks.** 23-degree head only. No cubic inch limit. Dry sumps and/or 18 degree heads are allowed per weight addition. Cast iron or aluminum heads, porting and polishing of the heads is allowed. Cast iron or aluminum intake manifolds are allowed. Roller rocker arms are allowed. Roller cams are allowed. Carb: 2 or 4 barrels allowed.
- B. Open-air cleaners 4-inch-tall x 14 inches in diameter are allowed. The air cleaner may protrude through the hood. Engine location is that the forward most spark plug must be within

4 inches of the centerline of the adjacent ball joint on all frames. The centerline of the crankshaft must have no less than 10 inches of clearance to the ground.

- C. All cars must have a working starter at all times.
- D. Engine coolant:—WATER ONLY!! Antifreeze is not allowed.
- E. Dry sump engines 2900 lbs. driver must add 50 lbs. on each side of upper frame on front sub on both sides (100 pounds total). Total weight for Dry sump and non- 23 degree engines 2900 lbs. Lead will be removed from the chassis and weighed.
- F. There will be a 60.9% max left side weight for all cars. 61% will be a DQ.
- G. LS cast iron block, no coil packs, must have a distributor **and mechanical fuel pump**, are allowed but fall under the dry sump weight package.
- H. **Ford built motors will be allowed a 20 degree aluminum or cast iron cylinder heads.**
- I. No aluminum blocks.
- J. **Engine setback is 4 inches from centerline between the upper control arm bolts to the furthest forward operational spark plug.**

7. Ignition Box/Chip 2026:

- A. **MSD, 6ALwith chip, 6ALN with chip, and 6AL digital only with RPM settings only are the only ignition boxes that are legal (for 2026) with 7,600 RPM MAX.**
- B. **Must be mounted to the far right of dash away from driver.**
- C. **Traction control of any kind is not allowed or any other type of computer program driving controlled system.**
- D. **Whittemore Speedway and/or Birch Run Speedway reserve the right to confiscate any ignition box to be tested to make sure it meets manufacturer specifications.**
- E. **6AL digital will be more scrutinized and more likely to be confiscated for testing due to lack of ability to tech the 6AL digital box compared to the 6AL with chip and 6ALN with chip.**
- F. **Any ignition box and/or wiring harness can be sent to MSD at any time for inspection.**
- G. **If ignition box is confiscated all points and money will be held until the inspection process is completed.**
- H. **All ignition boxes will be removed in the tech area.**
- I. **Tech officials will witness box/harness removal and document serial numbers.**
- J. **If ignition box meets manufacturer specifications, points and money will be awarded to the driver.**
- K. **If the ignition box DOES NOT meet manufacturer specifications, driver will lose points and money for that night.**
- L. **In addition, the driver will also lose an additional 50 points and suspended for 3 consecutive points races (Whittemore/Birch Run) and fined \$250.**
- M. **Illegal boxes will NOT be returned and WILL BE DESTROYED!!!!**
- N. **Driver/team is responsible to have a spare ignition box while theirs is being sent out for inspection. (Whittemore Speedway or Birch Run Speedway will NOT be liable/responsible for ignition boxes being sent out).**
- O. **Refusal of testing/inspection will result in the same DQ infraction as stated above.**

Due to the cost of changing ignition boxes, the above rule will only be in place for the 2026 racing season. For the 2027 racing season the **ONLY** ignition boxes that will be legal are MSD 6AL with chip or MSD 6ALN with chip.

8. Exhaust:

- A. Exhaust must be completely sealed and exit the car behind the driver. Mufflers are mandatory. Maximum allowable noise level is 100 decibels.

9. Differential/Drive Axle:

- A. Floaters and quick change are allowed.

10. Fuel System:

- A. All cars must have a fuel cell securely mounted in the trunk area of the car.
- B. MUST BE A STEEL CONTAINER WITH A MINIMUM 22 GAUGE STEEL
- C. A firewall must separate the trunk and driver's compartment.
- D. Fuel lines cannot run through the driver's compartment.
- E. Electric fuel pumps are not allowed.
- F. The fuel cell shall be no lower than the center section of the rear end and must have a minimum of 8 inches of ground clearance.

11. Fuel:

- A. Pump gas only, no additives are allowed.

12. Frame:

- A. Frames must be completely fabricated of a minimum 2-inch x 3-inch 0.95-wall thickness tubing or have a stock from sub assembly.

13. Radiator:

- A. Any radiator is allowed.
- B. Any reinforcement to protect the radiator must be mounted behind the grill.
- C. The nosepiece or hood cannot be altered to fit the radiator.
- D. A one-gallon catch must be mounted on the firewall in the engine compartment.

14. Roll Cage:

- A. All cars must have a six (6)-point cage system made of 1 3/4 inch diameter 0.95 wall thickness steel tubing that is welded to the frame of the car.
- B. Four drive side sissy bars made of the same size and type of roll cage material must be securely mounted to the roll cage to protect the driver during side impact.
- C. A steel plate 18 x 24 x 1/8 must be mounted to sissy bars to protect the driver.
- D. All bars around the driver must be padded with made for racing roll bar padding.

15. Rub Rails:

- A. Allowed. Rub rails must be securely mounted to the body using carriage bolts. The ends of the rub rail must be rounded off and welded shut.
- B. Kick-outs are not allowed.

16. Shocks:

- A. Single adjustable shocks only, one sweep type rebound adjuster allowed, a small sweep wheel below the main rebound sweep wheel for high-speed adjustments is not allowed.
- B. No canister/bulb type or exotic shocks allowed.
- C. No binding of ball joints or chassis components to manipulate travel.
- D. One shock and one spring per wheel.
- E. No bump stops allowed on suspension or chassis, no bump springs allowed, no travel limiting components internal or external of the shock.
- F. No travel limiting components attached to suspension or chassis, any type of travel limiting component that can manipulate shock or suspension travel will be a DQ.
- G. Shock shaft must compress into shock body leaving no room for a travel limiting component.

- H. A shock in question that is put on a load machine and creates a progressive load that would support the car in race trim as the shaft travels inward will be considered a travel limiting device that manipulates travel.
- I. Tech reserves the right in asking race teams to remove all shocks from race car in question, for the purpose of inspecting suspension movement through travel with no binds or travel limiting components interfering.
- J. Tech reserves the right to ask race teams to remove any shock in question. Tech will install shock or shocks on load machine to compress shock or shocks, checking for travel limiting components.
- K. Tech reserves the right to use a 3rd party shock tech to examine shocks internally if a tech decision cannot be made during tech. if shock is deemed illegal after 3rd party inspection, race team is responsible for inspection cost.

****Front and/or rear shocks may be removed to verify suspension moves without any restrictions**.**

17. Suspension:

- A. Ride height will be measured at the foot box, minimum 2 ½ inches, maximum 5 ½ inches. Centerline of the crankshaft must be a minimum of 10 inches to the ground (10.5 inches was removed in 2022).
- B. NO bumps or bump springs anywhere in the suspension or chassis
- C. Shock shaft must travel completely inside the body of the shock.
- D. Tubular upper A-frames, rack and pinion steering are allowed
- E. Driver actuated weight jacking devices are not allowed.
- F. Wide-five hubs and rims are allowed.
- G. Must have minimum of 2.5 diameter spring operating on each corner of chassis.
- H. Computer controlled and/or hydraulic control devices are not allowed.

18. Tires:

- A. Towel City Tire 8" Slick with the 89A Compound.
- B. 2-tire rule except when announced for special events.
- C. Tire Soaking is NOT ALLOWED

19. Transmission:

- A. Must have a minimum of 2 working forward gears and reverse.
- B. Drive shafts: must be painted white.
- C. Front and rear drive shaft hoops made of steel are required.
- D. Chains are not allowed.
- E. Shifting is not allowed on starts or restarts.
- F. Bert, Brinn, Falcon, Jerico, Hightower and OEM are okay.

****If suspected of shifting at any time competitor will be black flagged and immediately disqualified**.**

20. Weight:

- A. 2700 pounds minimum with driver before the race.
- B. All added weight must be painted white and securely mounted to the car using ½-inch bolts.
- C. No rear weight percentage rule.
- D. Maximum 60.9% left side weight (61% is a DQ).
- E. Dry sump engines 2900 lbs. with driver must add 50 lbs. on each side of upper frame on front sub on both sides (100 pounds total). Lead will be removed from the chassis and weighed. Total vehicle weight 2900 lbs.

21. Wheels:

- A. Steel made for racing wheels only.
- B. 10"-inch maximum width.
- C. Wheel studs must be ½-inch minimum with 1-inch hex lug nuts.
- D. Carbon fiber components are not allowed.

22. Window Nets:

- A. Approved driver side window net with a quick release mechanism securely mounted to the roll cage is mandatory.

23. ADDITIONAL RULES / RECOMMENDATIONS:

- A. collapsible steering column is highly recommended.
- B. Raceiver is mandatory, must be functional, must be tuned to frequency 454.000
- C. Electronics: No cell phones, smart phones, smart watches, laptop computers or tablets allowed in vehicle or with driver and will be an automatic disqualification.

24. Race Tire Policy All Classes Hoosier / Towel City/DOT

1. Tire tampering to soften or enhance tire performance, will carry strict penalties
2. All Hoosier or DOT tires in competition at Birch Run will have a solvent sensitive stamp or be significantly internally powdered to indicate if solvents were used in or on the tire.
3. All Classes Hoosier, Towel City, and DOT race tire policy & inspection procedure. Tampering or softening tires with chemicals or solvents is not allowed.
 - a. This rule applies to all Hoosier, Towel City, or DOT impound or non-impound tires in the pits, on the car, in the trailer, in the hauler, etc. "ALL tires"
 - b. All Tires may be checked at any time
 - c. A race team that uses a tire other than the designated tire allowed / approved per your specific class rules will automatically receive an offence for tire tampering.
 - d. No softening, soaking, conditioning, siping, grooving, to enhance performance of race tires.
4. Testing procedure for race tires is as follows:
 - a. Tire(s) will be collected after feature event.
 - b. Tire(s) will be cleaned in the area of officials choosing. Cleaning will be done by the team with the teams own cleaning tools.
 - c. Cleaned tire inspection area will be heated with heat gun, to the temp of 200* Fahrenheit and then checked with a durometer.
 - d. Tire durometer will be used to determine what tire / tires will be sampled and sent to laboratory for testing.
 - e. When tire samples are sent to the lab, all Winnings and points will be frozen until results are received.
 - i. Final lab results that produce a failed sample inspection, no winnings or points will be awarded, and the team will receive their discipline for tire tampering.
 - ii. Final lab results that produce a clean un-failed tire sample inspection, upon receiving cleared inspection results from laboratory, all winnings held will be rewarded.
 - f. Tire samples can be taken at any time, before, during, or after the event.
 - g. Tire Samples will be put in an evidence vial per Blue Ridge Laboratories Inc. & then sealed in an evidence bag and sent to: Blue Ridge Laboratories Inc., 2766 Blue Creek Road, Lenoir, NC 28645.
 - h. Birch Run Speedway will tag all sampled tires with a serial number cable tag.

*Birch Run speedway will retain all tires sampled till tire sample results are received.

*Birch Run speedway will not return any tire / tires to a race team if they produce failed test results, a tire that produces a failed test result will become Birch Run speedway property, race team has no option to redeem it.

*Birch Run speedway will return all tires that produce a clean or passing test result to the race team.

*Birch Run speedway will not be liable for or replace any tires that test samples are taken from, Regardless of tire or tires testing / sample results.

*Birch Run speedway will award race team with a D.Q. for failed tire sample results, further discipline depending on the severity of the tire tampering violation is at the discretion of Birch Run Speedway officials, all decisions are final and cannot be appealed or protested.

25. Conduct or Behavior Zero Tolerance

Birch Run speedway officials have a zero-tolerance policy for unnecessary events that take place anywhere on Birch Run Speedway property, on track or in the pits, such as but not limited to:

1. Arguments.
2. Unnecessary behavior of any kind.
3. Intentional / Aggressive contact between cars on track, during a caution will not be tolerated, the driver or driver's intentionally making contact with another race car under caution will receive the black flag, and you will not be scored & sent to their pits.
4. Vulgar language.
5. Threatening other racers, teams, help or family.
6. Going to another race teams pit to argue.
7. Unnecessary speed in pits with your race car.
8. Bumping others race cars with your race car in pits expressing your anger.
9. Unnecessary actions toward Birch Run Speedway officials, about tech decisions or on track decisions.
10. DRINKING OF ALCOHOL IN PITS BEFORE RACE NIGHT IS FINISHED, AUTOMATIC DQ
11. If security is called, fines, penalties or discipline is to the discretion of Birch Run speedway officials.
12. If argument or unnecessary actions continue, fines, penalties or discipline is once again, to the discretion of Birch Run speedway officials.

THE ABSENCE OF A PARTICULAR RULE DOES NOT SUBSTANTIATE ITS APPROVED FOR COMPETITION

BIRCH RUN SPPEDWAY OFFICIALS, DECISION IS FINAL ON ALL RULES & DECISIONS

* RULE INFRACTIONS PER CLASS OR GENERAL RULES.

* OCCURANCES ON TRACK OR IN PITS.

* NOT OBEYING THE DIRECTION OF RACE CONTRIOL.