



Rules

1) Motors

- a) Midget & Asphalt Modified cars will run 8700KV motors with the 12t pinion (7000)
- b) EDM, 602 UMP Modified, 604 UMP Modified, Sprint Car, Wingless Sprint, 602 Late Model, 604 Late Model, Super Late Model, Asphalt Late Model & Street Stock will run 8700KV motors with the 10t pinion (7003)
- c) 10,000KV (7011) motor is allowed in the unlimited class only.

2) ESC

- a) Must be in factory setting mode. To find out the instructions on checking your settings please use this link. <https://1rc-racing.com/content/900-0039-01%20-%20Rev%20A.pdf>
- b) ESC and receiver can be moved anywhere inside the roll cage of the car. ESC must be accessible.
- c) ESC light must turn green when transmitter is full throttle.

3) Tires

- a) You can use water or Simple Green to wipe off your tires only.
- b) The top 3 tires will be checked using the tire templates. Tires must fit through the template.
- c) If you would like to check your tires at home to make sure they are legal here is the certified measurements in millimeters (mm).
 - 1) Late Model 38.8mm
 - 2) Sprint Car Front 38.6mm, Rear 45.0mm
 - 3) EDM Front 37.2mm, Rear 41.6mm
 - 4) Midget Front 30.8mm, Rear 34.9mm
 - 5) UMP Modified 37.5mm
 - 6) Asphalt Modified 37.4mm
 - 7) Asphalt Late Model
 - 8) Street Stock 38.8mm

4) Rear End Gears

- a) Midgets & Asphalt Modified must have black rear gears (4000)
- b) Late Models, EDM, UMP Modified, Sprint Cars, Street Stock, Asphalt Late Model must have white or grey gears (4001).
- c) Gears must remain stock. Do not drill holes or alter the rear gear in any way.
- d) The rear end can only have one spacer washer. No added washers on the rear ends. This includes in between each section of the rear end. There should not be a visible gap anywhere in the rear end of the car.
- e) No rear torsion bars are allowed.

5) Batteries

- a) You must use the correct battery in your car for the class you are racing.
 - 1) Rookie 4 Cell Nimh (7002) or 5 cell Nimh (7007)
 - 2) Midget 2 cell Lipo 300mah regulator in 5v setting.
 - 3) 602 Late Model, 602 UMP Modified, Street Stock 5 cell Nimh (7007)
 - 4) 604 Late Model, Non-Wing & Winged Sprint Car, 604 UMP Modified, Asphalt Late Model, 2 cell Lipo 300mah regulator 6v setting.
 - 5) Super Late Model, EDM 2 cell Lipo 300mah.

6) Controllers

- a) You are allowed to use the stock 1RC controller.
- b) You can use a FlySky **FS-GT3B** (receivers for FS-GT3B) and or a **FS-GT5** (must use and binds with stock receivers, you cannot use receiver that comes with transmitter).
- c) If you have an older model controller that you would like to use. You must get permission from the racetrack owner first.

7) Car Appearance

- a) 1 number must be viewable on the racecar for identification purposes.
- b) You may NOT alter the body of any car to make more room for wheel travel. This does not apply to the unlimited class.
- c) Car bodies must remain stock from factory. No additional holes may be added to the body.
- d) Except for the Late Model front bumper, all classes must run bumpers as they come from the manufacturer.
- e) **Street Stocks can run the Camero, Mustang or Shark Street Stock Body.**

8) Transponder

- a) Transponder must be located where the timing loop can pick up the transponder. Transponders cannot be located under any body pieces. If a transponder is not reading that is on the driver.

9) Regulator

- a) Regulators cannot produce more than 6.09 v. These can be checked with a battery meter.
- b) Placement for the regulator must be secure on the frame of the car.

10) Shocks

- a) 602 LM, 604 LM, **Asphalt Late Model**, Street Stock you do NOT run a spring on the front shocks. Super Late Model you are allowed to run a spring on the front shock. But you cannot run a spring on the shock and the small spring that comes on the car stock.
- b) You must run one 1RC O-ring (Clear 5011, Black 5005) on each shock shaft. It can be placed in stock position or under bottom flange for a bump stop.
- c) No other bump stop can be used other than a 1RC O-ring (part number above).

11) Miscellaneous

- a) Screws or nuts may be anodized or aftermarket as it does not give any competitive advantage.
- b) Painting rims and frames are allowed.
- c) You are allowed to run adjustable tie rods on the cars. This includes the adjustable tie rods on the left rear of any of the 1RC cars. (Adjustable Radius Rod 3016)

12) Protests

- a) If you suspect someone is running something illegal, you can put up a protest. The protest fee is \$40. If the protester is correct, they get \$30 back, \$10 goes to the tech guy. If the individual being protested is legal, then they get the \$30 with \$10 still going to the tech guy.
- b) If anyone is caught with illegal parts or running the ESC not in stock mode. The first time being caught is a warning. The second time caught is a 2-week ban. Third time caught is a 1-year ban. This applies to malicious intent. This is at the discretion of the track owner.

If it is not a 1RC Racing product part and it is not listed specifically in this rulebook it is considered illegal. Exceptions for Unlimited class only. Rules for Unlimited are at the bottom of the rulebook.

Racing Format

Heat Races

- Random draw for heat races consisting of no more than 6 cars.
- Heat race is 30 laps in length (Rookie 20 laps)

Main Events

- Main events are sorted into 6 car races and your main event position is determined by your results from the two heat races.
- The lowest main event will run first.
- Starting position, A-Mains and lower are heads up, the fastest car in that main event starts in the front.
- Laps for main events are as follows:
 - A-Main – 50 Laps 6 Cars (Kids 30 laps)
 - B-Main – 20 Laps 6 Cars (2-3 bumps depending on number of heats)
 - C-Main – 20 Laps 6 Cars (1 bump up)
 - D-Main and Lower – 20 Laps 6 Cars (1 bump up)

Class Running Order

Heats: Rookie, 602 LM, EDM, 604 LM, Sprint Car, Wingless Sprint Car, Asphalt Modified, Asphalt Late Model, 602 UMP, 604 UMP, Super Late Model, Street Stock, Unlimited.

Mains: Any lower Mains. C Mains, B Mains in the same order as the heats. Once the lower Mains are finished, we will start the A Mains.

Line up, Starts & Restarts

- Racers must line up directly squared behind the starting line. Do not line up right against the wall or below the starting spots.
- Race control oversees stopping the races. Do NOT YELL STOP! If you would like to raise a hand to signal there is an issue on the track so race control can look over the track for any issues, that is allowed. Race control makes the judgement calls on stopping or continuing the races. Races will be stopped for cars that are flipped upside down or cars that are stuck in the wall or stuck with another car. These are judgement calls by race control.
- Lucky Dog pass, when there is a red flag for a flipped over car or something happens on the track that race control feels compelled to call a red flag. The first person down a lap will receive 1 lap back. This only applies to restarts where a full lap has been completed. If 1 full lap was not complete after the restart nobody will be awarded the lucky dog pass. If you cause the red flag, you will not receive the lucky dog and you go to the rear.
- Race control will announce ON THE LEADER, this will signal the leader he/she may start the race when they are ready. After the leader goes you can go. The leader has 10 seconds to start, or they will be given a false start and will start in the rear.
- Jumping the start before the leader. 1st time jumping the start you will be sent to the back. 2nd time jumping the start in the same race will result in a DQ. If a 3rd jumping the start happens in a later heat or main the driver will be disqualified for the day. This is per class.
- Commitment line: The green vertical line going into turn 3 is the commitment line. Drivers must stay above this line at starts and restarts. If a driver goes below the commitment line, they will be notified by race control immediately and must move to the top side of the track in turns, without wrecking others. There will be lines at the top of each turn. That driver will have two laps to go above one of those two lines. Come to a complete stop, then continue.
- When a red flag happens, race control will go back to the last completed lap and let everyone know the running order.
- During a red flag you are allowed 1 hot pit car adjustment. This does not include popping a shock back on. However, if you pop a shock on and make an adjustment. That counts as your 1 hot pit stop.
- If you cause a wreck, you do not get to keep your spot. The person who causes the wreck goes to the back of the field. If you cause a wreck and are in line to get a lucky dog, you will not receive the lucky dog pass.
- The top 3 cars in the feature race will pull into the designated turn stated in the drivers meeting. Only the tech person is to pick the cars up. Picking the car up will be an immediate disqualification.
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Class Specific Regulations



Rookie Late Models:

This class will consist of kids only & beginner racers in the rookie class that are less experienced racers. The race director will determine if anyone needs to move up to the 602 class. Race Director has the right to combine the kids' class and rookie class.

- 4 cell batteries (7002) Kids or 5 cell battery (7007)
- Stock with the following exceptions
- Upgrade the controller (Rule 6).
- Late Model tires 38.8mm (black regular compound 5539, chrome regular compound 5540).
- You can run a soft compound tire as well (black 5541, chrome 5542)
- You can paint and wrap the car
- You can trim your front bumper or take it completely off.
- You can use any spring combination

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602 Late Model:

- 5 cell battery (7007)
 - Upgrade the controller (Rule 6).
 - Late Model tires 38.8mm (black regular compound 5539, chrome regular compound 5540).
 - You can run a soft compound tire as well (black 5541, chrome 5542)
 - You can paint and wrap the car
 - You can trim your front bumper or take it completely off.
 - Maximum weight without the battery 300g, Minimum 260g
 - Gears can only be grey (comes stock on the car) or the manufacturer replacement the white gear (4001).
 - Adjustable shocks allowed (chrome 5006, blue 5007).
 - Adjustable tire rods on the front (3024) and on the radius rod on the left rear (3016).
 - Soft, medium, or hard springs on the front (5009) Must be LM small springs only, no springs on the front shocks! Back springs (5001), short springs are also allowed (5008).
 - Digital Servo (7017) and solid servo horn (3025)
 - You may paint the chassis but no modifications to the chassis
- * 602 late model drivers cannot race in the super late model class.



604 Late Model:

You must run under a specific top 15 average time to be in this class vs the 602 Late Model Class. In Chiefland you must run a top 15 average time of 3.4 to be in this class.

- 2s 300Mah Lipo Battery
- Regulator 6V mode.
- Upgrade the controller (Rule 6).
- Late Model tires 38.8mm (black regular compound 5539, chrome regular compound 5540).
- You can run a soft compound tire as well (black 5541, chrome 5542)
- You can paint and wrap the car
- You can trim your front bumper or take it completely off.
- Maximum weight without the battery 300g, Minimum 260g
- Gears can only be grey (comes stock on the car) or the manufacturer replacement the white gear (4001)
- Adjustable shocks allowed (chrome 5006, blue 5007)
- Adjustable tire rods on the front (3024) and on the radius rod on the left rear (3016)
- Soft, medium, or hard springs on the front (5009) Must be LM small springs only, **no** springs on the front shocks! Back springs (5001), short springs are also allowed (5008).
- Digital Servo (7017) and solid servo horn (3025)
- You may paint the chassis but no modifications to the chassis



Super Late Model:

- 2 cell lipo 300mah
- Upgrade the controller (Rule 6).
- Late Model tires 38.8mm (black regular compound 5539, chrome regular compound 5540).
- You can run a soft compound tire as well (black 5541, chrome 5542)
- You can paint and wrap the car
- You can trim your front bumper or take it completely off.
- Maximum weight without the battery 300g, Minimum 260g
- Gears can only be the grey (comes stock on the car) or the manufacturer replacement the white gear (4001)
- Adjustable shocks allowed (chrome 5006, blue 5007)
- Adjustable tire rods on the front (3024) and on the radius rod on the left rear (3016)
- Soft, medium, or hard springs on the front (5009) you can add springs on the shock. Back springs (5001), short springs are also allowed (5008).
- Digital Servo (7017) and solid servo horn (3025)
- You may run the small spring inside the A-arm or the regular size springs on the front shock. You cannot run both.
- You may paint the chassis but no modifications to the chassis

*602 late model drivers cannot race in the super late model classes.



Asphalt Late Model

- 2 cell lipo 300mah
- Upgrade the controller (Rule 6).
- Late Model tires (black regular compound 5560, chrome regular compound 5561).
- You can run a soft compound tire as well (black 5562, chrome 5563)
- You can paint and wrap the car
- You must run the front bumper.
- Maximum weight without the battery 300g, Minimum 260g
- Gears can only be the grey (comes stock on the car) or the manufacturer replacement the white gear (4001)
- Adjustable shocks allowed (chrome 5006, blue 5007)
- Adjustable tire rods on the front (3024) and on the radius rod on the left rear (3016)
- Soft, medium, or hard springs on the front (5009) you can add springs on the shock. Back springs (5001), short springs are also allowed (5008).
- Digital Servo (7017) and solid servo horn (3025)
- You may run the small spring inside the A-arm or the regular size springs on the front shock. You cannot run both.
- You may paint the chassis but no modifications to the chassis



EDM or Eastern Dirt Modified

- 2s 300Mah Lipo Battery
- Upgrade the controller (Rule 6).
- EDM tires Front 37.2mm, Rear 41.6mm (black regular compound 5535, chrome regular compound 5534).
- You can run a soft compound tire as well (black 5537, chrome 5536)
- You can paint and wrap the car
- Maximum weight without the battery 290g, Minimum 250g
- Gears can only be the grey (comes stock on the car) or the manufacturer replacement the white gear (4001)
- Adjustable shocks allowed (chrome 5006, blue 5007)
- Adjustable tire rods on the front (3015), and on the radius rod on the left rear (3016).
- Soft, medium, or hard springs on the front and back (5001), short springs are also allowed (5008).
- Digital Servo (7017) and solid servo horn (3025)
- You may paint the chassis but no modifications to the chassis
- Solid king pin (3012) allowed



602 UMP Modified:

- 5 cell battery (7007)
- Upgrade the controller (Rule 6).
- UMP Modified tires 37.5mm (black regular compound 5544, chrome regular compound 5545).
- You can run a soft compound tire as well (black 5546, chrome 5547)
 - You can paint and wrap the car
- Maximum weight without the battery 285g, Minimum 244g
- Gears can only be the grey (comes stock on the car) or the manufacturer replacement the white gear (4001)
- Adjustable shocks allowed (chrome 5006, blue 5007)
- Adjustable tire rods on the front (3024) and on the radius rod on the left rear (3016)
- Soft, medium, or hard springs on the front (5009) Must be UMP small springs only, no springs on the front shocks! Back springs (5001), short springs are also allowed (5008).
- Digital Servo (7017) and solid servo horn (3025)
- You may paint the chassis but no modifications to the chassis

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604 UMP Modified:

- 2s 300Mah Lipo Battery
- Regulator 6V mode
- Upgrade the controller (Rule 6).
- UMP Modified tires 37.5mm (black regular compound 5544, chrome regular compound 5545).
- You can run a soft compound tire as well (black 5546, chrome 5547)
- You can paint and wrap the car
- Maximum weight without the battery 285g, Minimum 244g
- Gears can only be the grey (comes stock on the car) or the manufacturer replacement the white gear (4001)
- Adjustable shocks allowed (chrome 5006, blue 5007)
- Adjustable tire rods on the front (3024) and on the radius rod on the left rear (3016)
- Soft, medium, or hard springs on the front (5009) Must be UMP small springs only, no springs on the front shocks! Back springs (5001), short springs are also allowed (5008).
- Digital Servo (7017) and solid servo horn (3025)
- You may paint the chassis but no modifications to the chassis



360 Wing Sprint Car:

- 2s 300Mah Lipo Battery
- Regulator 6V mode
- Upgrade the controller (Rule 6).
- You can run Sprint Car tires Front 38.6mm, rear 45.0mm (black regular compound 5523, chrome regular 5522) or EDM tires Front 37.2mm, Rear 41.6mm (black regular compound 5535, chrome regular compound 5534).
- You can run a soft compound tire as well (Sprint black 5532, chrome 5531/ EDM black 5537, chrome 5536)
- You can paint and wrap the car
- Maximum weight without the battery 275g, Minimum 230g
- Gears can only be the grey (comes stock on the car) or the manufacturer replacement the white gear (4001)
- Adjustable shocks allowed (chrome 5006, blue 5007)
- Adjustable tire rods on the front (3015), and on the radius rod on the left rear (3016).
- Soft, medium, or hard springs on the front and back (5001), short springs are also allowed (5008).
- Digital Servo (7017) and solid servo horn (3025)
- You may paint the chassis but no modifications to the chassis
- Solid king pin (3012) allowed.
- You must run the front and top wings on the car.



360 Wingless Sprint Car:

- 2s 300Mah Lipo Battery
- Regulator 6V mode
- Upgrade the controller (Rule 6).
- You can run Sprint Car tires Front 38.6mm, rear 45.0mm (black regular compound 5523, chrome regular 5522) or EDM tires Front 37.2mm, Rear 41.6mm (black regular compound 5535, chrome regular compound 5534).
- You can run a soft compound tire as well (Sprint black 5532, chrome 5531/ EDM black 5537, chrome 5536)
- You can paint and wrap the car
- Maximum weight without the battery 275g Minimum 205g
- Gears can only be the grey (comes stock on the car) or the manufacturer replacement the white gear (4001)
- Adjustable shocks allowed (chrome 5006, blue 5007)
- Adjustable tire rods on the front (3015), and on the radius rod on the left rear (3016).
- Soft, medium, or hard springs on the front and back (5001), short springs are also allowed (5008).
- Digital Servo (7017) and solid servo horn (3025)
- You may paint the chassis but no modifications to the chassis
- Solid king pin (3012) allowed
- You cannot run any wings on the front or top of the car.



Midget:

- 2s 300Mah Lipo Battery
- Regulator in 5v mode
- Upgrade the controller (Rule 6).
- Midget tires Front 30.8mm, Rear 34.9 (black regular compound 5528, chrome regular compound 5527).
- You can run a soft compound tire as well (black 5530, chrome 5529)
- You can paint and wrap the car
- Maximum weight without the battery 200g, Minimum 180g
- Gears can only be the black gears (4000) that come stock on the car
- Adjustable shocks allowed (chrome 5006, blue 5007)
- Adjustable tire rods on the front (3016)
- Soft, medium, or hard springs on the front and back (5001), short springs are also allowed (5008).
- Digital Servo (7017) and solid servo horn (3025)
- You may paint the chassis but no modifications to the chassis
- Solid king pin (3012) allowed



Asphalt Modified:

- 2s 300Mah Lipo Battery
- Regulator 6V mode
- Upgrade the controller (Rule 6).
- Asphalt Modified tires 38.8mm (black regular compound 5549, chrome regular compound 5550).
- You can run a soft compound tire as well (black 5551, chrome 5552)
- You can paint and wrap the car
- Maximum weight without the battery 285g
- Gears can only be the grey (comes stock on the car) or the manufacturer replacement the black gear (4000)
- Adjustable shocks allowed (chrome 5006, blue 5007)
- Adjustable tire rods on the front (3024) and on the radius rod on the left rear (3016)
- Soft, medium, or hard springs on the front and back (5001), short springs are also allowed (5008).
- Digital Servo (7017) and solid servo horn (3025)
- You must run the regular spring on the front shock. You cannot run the small springs inside of the A-arm.
- You may paint the chassis but no modifications to the chassis

Street Stock

- You can run the Camero, Mustang or Shark Street Stock Body
- If you run the Camero or Mustang body you must run the Late Model chassis
- If you run the Shark Street Stock body you must run the UMP Modified chassis
- 5 cell battery (7007)
- Upgrade the controller (Rule 6).
- Tires: You can choose to run either the Late Model or UMP Tires.
 - a) Late Model tires 38.8mm (black regular compound 5560, chrome regular compound 5561).
 - b) UMP Modified tires 37.5mm (black regular compound 5544, chrome regular compound 5545)
- You can run a soft compound tire as well.
 - a) (Late Model black 5562, chrome 5563)
 - b) (UMP Modified black, 5546, chrome 5547)
- You can paint and wrap the car
- You must run the front bumper.
- Maximum weight without the battery 300g, Minimum 260g
- Gears can only be the grey (comes stock on the car) or the manufacturer replacement the white gear (4001)
- Adjustable shocks allowed (chrome 5006, blue 5007)
- Adjustable tire rods on the front (3024) and on the radius rod on the left rear (3016)
- Soft, medium, or hard springs on the front (5009) you can add springs on the shock. Back springs (5001), short springs are also allowed (5008).
- Digital Servo (7017) and solid servo horn (3025)
- Soft, medium, or hard springs on the front (5009) Must be LM small springs only, no springs on the front shocks! Back springs (5001), short springs are also allowed (5008).
- You may paint the chassis but no modifications to the chassis

Unlimited Class

- You must run a 1RC Chassis (Sprint Car, Midget, Late Model, UMP Modified, Asphalt Modified, EDM).
- This class is unlimited, run any chassis, motor, battery, tire, ESC set however you would like, drill holes in the gears, cut the chassis up, put a wing on the top of a modified, late model, midget. Whatever you can think of without using a gas motor.
- Car must fit under the timing loops.
- No Tire Prep!

Remember, these are toy cars, and we are here to have good clean FUN!

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