

2009 NESMITH LATE MODEL RULES

GENERAL RULES:

1. THE RULES AND/OR REGULATIONS SET FORTH HEREIN DOES NOT EXPRESS OR IMPLIES WARRANTY OF SAFETY, FROM PUBLICATION OF, OR COMPLIANCE WITH THESE RULES AND/OR REGULATIONS. THEY ARE INTENDED AS A GUIDELINE FOR THE CONDUCT OF THE CRATE RACIN' USA DIRT LATE MODEL SERIES, AND ARE IN NO WAY A GUARANTEE AGAINST INJURY TO PARTICIPANTS.
2. THESE RULES AND/OR REGULATIONS WILL APPLY TO ALL CRATE RACIN' USA DIRT LATE MODEL SERIES SANCTIONED EVENTS.
3. CRATE RACIN' USA DIRT LATE MODEL SERIES OFFICIALS SHALL HAVE FULL AUTHORITY OVER SAID SANCTIONED EVENTS, AND IN THE EVENT OF ANY DISPUTE, THE HEAD OFFICIAL'S DECISION WILL BE FINAL.
4. ALL ARE SUBJECT TO BE INSPECTED BY THE CRATE RACIN' USA DIRT LATE MODEL SERIES TECHNICAL INSPECTORS AT ANY TIME DURING THE EVENT.
5. THE SERIES RESERVES THE RIGHT TO CONFISCATE ANY SUSPICIOUS, OR DEEMED ILLEGAL, COMPONENTS.
6. THE CRATE RACIN' USA DIRT LATE MODEL SERIES RESERVES THE RIGHT TO ALTER OR AMEND THESE RULES AND/OR REGULATIONS IN THE INTERESTS OF FAIR COMPETITION.
7. THE RULES AND REGULATIONS FOR THE CRATE RACIN' USA DIRT LATE MODEL SERIES HAVE BEEN SANCTIONED AND APPROVED BY THE CRATE RACIN' USA DIRT LATE MODEL SERIES, P.O. BOX 1346, CARTERSVILLE, GA 30120, AND AVAILABLE ONLINE AT WWW.NeSMITHRACING.COM.

MEMBERSHIP AND ENTRY FEES:

1. TO BE ELIGIBLE TO EARN CRATE RACIN' USA DIRT LATE MODEL SERIES NATIONAL POINTS AND OR WEEKLY RACING SERIES POINTS, POINT FUND MONIES, AND SERIES CONTINGENCY AWARDS, A DRIVER MUST PAY AN ANNUAL MEMBERSHIP FEE OF \$100.

SPONSOR DECALS - DECALREQUIREMENTS:

1. ALL PARTICIPANTS MUST DISPLAY REQUIRED DECALS AS PRESCRIBED BY THE SERIES TO BE ALLOWED TO COMPETE.
2. CONTINGENCY SPONSORS: TO BE ELIGIBLE FOR CONTINGENCY SPONSORSHIPS PARTICIPANT MUST FOLLOW THE REQUIREMENTS OF EACH COMPANY I.E. DECALS, PATCHES, PRODUCT, ETC. THESE REQUIREMENTS WILL BE PROVIDED.

RACEceivers:

1. EACH CRATE RACIN' USA DIRT LATE MODEL SERIES PARTICIPANT WILL BE REQUIRED TO USE A RACECEIVER ONE WAY RADIO COMMUNICATION DEVICE (AVAILABLE FROM THE SERIES) TO RECEIVE COMMUNICATION FROM THE CRATE RACIN' USA DIRT LATE MODEL SERIES RACE DIRECTOR DURING ALL EVENTS. EVENTS INCLUDE THE HOT LAPS, TIME TRIALS, HEAT RACES, CONSI FEATURES AND THE A-MAIN EVENT. GENERALLY, THE DRIVER SHOULD HAVE HIS RACECEIVER INSTALLED AND TUNED IN TO THE DESIGNATED FREQUENCY WITH THE VOLUME TURNED UP TO RECEIVE COMMUNICATIONS AT ANY TIME THEY HAVE THEIR HELMET ON AND ARE PREPARED TO COMPETE. THIS WOULD INCLUDE THE TIMES DURING LINE-UP AND THE RUNNING OF THE EVENT AND UNTIL RETURNING TO THEIR OWN PIT SPACE.

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2. DRIVERS NEED TO MAKE SURE THEIR RACECEIVERS ARE TURNED ON AND IN WORKING ORDER BEFORE THEY GO ON THE RACE TRACK. CRATE RACIN' USA OFFICIALS CAN COMMUNICATE A REQUEST FOR YOU TO THE RACE DIRECTOR FOR A RACECEIVER RADIO CHECK. IT IS THE RESPONSIBILITY OF THE DRIVER TO MAKE SURE THEY HAVE A NEW BATTERY INSTALLED IN THEIR RACECEIVERS AT EACH EVENT. REMOVE THE BATTERY FROM THE RACECEIVER EACH TIME YOU COME BACK TO YOUR PIT AREA. KEEP SPARE BATTERIES WITH YOU AT THE TRACK.

SHOULD YOUR RACECEIVER NOT WORK PROPERLY, REMOVE THE BATTERY AND PUT IT BACK IN TO RESET THE UNIT. IF THAT DOESN'T FIX THE PROBLEM, TRY PUTTING IN A NEW BATTERY. IF IT STILL DOESN'T WORK, CONSULT WITH A CRATE RACIN' USA OFFICIAL.

ENGINE RULES:

1. GM PART NUMBER 88958602 & GM PART NUMBER 88958604.
2. THESE ENGINES ARE SEALED AT THE INTAKE MANIFOLD, CYLINDER HEAD, FRONT COVER, AND OIL PAN WITH SPECIAL TWIST OFF BOLT HEADS. CRATE ENGINES MUST NOT BE ALTERED, MODIFIED OR CHANGE FROM FACTORY SPECS.
3. THE SEALED ENGINES MUST REMAIN INTACT AND NOT BE TAMPERED WITH; ANY SEALS THAT HAVE BEEN REMOVED OR TAMPERED WITH WILL MAKE THE ENGINE ILLEGAL AND NOT ELIGIBLE FOR COMPETITION. THE PENALTY FOR ANYONE TAMPERING WITH SEALS, MODIFYING ANY INTERNAL ENGINE PARTS, CHANGING THE PARTS FROM STOCK AS DELIVERED SEALED FROM THE FACTORY WILL BE SUBJECT TO EXPULSION FROM RACING WITH ANY CRATE RACIN' USA SANCTIONED EVENT FOR THE REMAINDER OF SEASON AND FUTURE SEASONS.
4. NO CHANGES ARE ALLOWED TO THE ENGINE - INTAKE MANIFOLD, HEADS, VALVE COVERS, FRONT COVER, OIL PAN, HARMONIC BALANCER OR ANY OTHER PART / OR PARTS ON / OR IN ENGINE.
5. NO VACUUM PUMPS.
6. ALL CRATE ENGINES MUST REMAIN STOCK AS THEY CAME SEALED FROM THE FACTORY. CRATE ENGINES MUST NOT BE ALTERED, MODIFIED OR CHANGED FROM FACTORY SPECS.
7. ENGINE SERIAL NUMBER MUST BE CLEARLY VISIBLE TO SERIES TECHNICAL INSPECTORS.
8. ANY VIOLATION OF THE ENGINE RULES AND/OR FACTORY SPECS INSIDE THE SEALING BOLTS OF THE ENGINE WILL RESULT IN THE DRIVER BEING DISQUALIFIED FROM THAT EVENT, AND SUSPENDED FROM SERIES COMPETITION FOR 365 DAYS AND PAY A \$1,000 FINE. AFTER THAT PERIOD, THE DRIVER CAN ONLY COMPETE IN SERIES EVENTS WITH AN ENGINE EQUIPED WITH ORIGINAL FACTORY SEALING BOLTS, AND MAY NOT COMPETE WITH AN ENGINE EQUIPED WITH "RM" BOLTS, UNLESS AUTHORIZED BY SERIES OFFICIALS, AND THIS ALSO APPLIES TO THE CAR OWNER OF THE CAR SHOULD ANOTHER DRIVER COMPETE WITH IT.
9. ANY VIOLATION OF THE ENGINE RULES AND/OR FACTORY SPECS OUTSIDE THE SEALING BOLTS OF THE ENGINE WILL RESULT IN THE DRIVER BEING DISQUALIFIED FROM THAT EVENT, SUSPENDED FROM SERIES COMPETITION FOR 30 DAYS, AND FINED \$500.00.

ENGINE SETBACK RULE:

1. ENGINE SETBACK WILL BE 6" FROM CENTER OF TOP BALL JOINT TO THE MOST FORWARD SPARK PLUG ON THE JIG-FRAME CAR WITH 1-INCH TOLLERANCE ON ENGINE SETBACK. THERE WILL BE A 50 POUND PENALTY FORWARD OF THE MOTOR PLATE FOR EACH 1/2-INCH OF SET BACK BEYOND SEVEN (7) INCHES OF ENGINE SETBACK, AND UP TO A 100 POUND PENALTY. NO CARS WITH MORE THAN AN EIGHT (8) INCH ENGINE SETBACK WILL BE ALLOWED TO COMPETE.

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CARBURETOR RULES:

1. ONE FOUR-BARREL CARBURETOR ONLY OF ANY MANUFACTURE.
2. ENGINE MUST BE NATURALLY ASPIRATED.
3. **604** - MAY USE ONE CARBURETOR SPACER (1 INCH-ONE PIECE WITH .040 TOLLERANCE MAXIMUM) AND TWO STANDARD PAPER GASKETS (MAXIMUM 0.070 INCH THICK), ONE GASKET BETWEEN INTAKE TO SPACER AND ONE GASKET BETWEEN SPACER TO CARBURETOR.
4. **602** - MAY USE ONE CARBURETOR SPACER (2 INCH-ONE PIECE WITH .040 TOLLERANCE MAXIMUM) AND TWO STANDARD PAPER GASKETS (MAXIMUM 0.070 INCH THICK), ONE GASKET BETWEEN INTAKE TO SPACER AND ONE GASKET BETWEEN SPACER TO CARBURETOR

DISTRIBUTOR RULE:

1. ANY ELECTRONIC DISTRIBUTOR-TYPE IGNITION SYSTEM. NO CRANK TRIGGER, DISTRIBUTORLESS MULTI-COIL, OR MAGNETO IGNITION SYSTEM.

STARTER RULE:

1. ALL CARS MUST HAVE STARTER IN WORKING ORDER.

WATER PUMP RULES:

1. CAST OR ALLUMINUM PERMITTED.
2. NO ELECTRIC WATER PUMP.

EXHAUST RULES:

1. COLLECTOR TYPE HEADERS REQUIRED. MUST HAVE FOUR (4) TUBES INTO ONE (1) COLLECTOR OF A CONSISTANT DIAMETER.
2. MUFFLERS NOT REQUIRED UNLESS TRACK MANDATES.
3. NO TRI-Y HEADERS OR MERGED HEADERS ALLOWED
4. NO SQUARE-TUBE HEADERS ALLOWED (Currently Under R&D)

FUEL - FUEL CELL - FUEL PUMP RULES:

1. AN APPROVED FUEL CELL (32 GALLON MAXIMUM) MUST BE SECURELY MOUNTED IN THE TRUNK AREA OF THE CAR, INSIDE A .20 GAUGE METAL BOX SUPPORTED BY A MINIMUM OF TWO 2" BY 1/8" STEEL STRAPS.
2. ALL FUEL CELLS MUST BE COMPLETELY VISIBLE FROM REAR OF CAR.

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3. GASOLINE OR RACING GAS ONLY – NO ETHANOL (E85, OR E105) NO METHANOL, OR ALCOHOL - NO NITROUS OXIDE. NO OXYGENATED RACING FUELS, NO NITRO METHANE OR OTHER NITRATE ADDITIVES, NO PROPYLENE OXIDE, NO DIOXANES, FUELS CONTAINING ANY OF THE ABOVE (EX. VP MS-109). FUELS THAT TEST POSITIVE FOR THESE ADDITIVES WILL BE DISQUALIFIED. IT IS THE RACERS RESPONSIBILITY TO KNOW WHAT HE/SHE IS PUTTING IN THE FUEL CELL. THIS RULE WILL GO INTO EFFECT FEBRUARY 22, 2009.
4. MECHANICAL FUEL PUMP ONLY, CAM DRIVEN OR BELT DRIVEN, NO ELECTRIC FUEL PUMPS.

TIRE RULE:

1. HOOSIER LM40 TIRES CAN BE USED UNTIL JUNE 1, 2009, AFTER THIS DATE ALL CARS ARE REQUIRED TO SWITCH TO CRATE RACIN' US TIRES SPECIFICATIONS BELOW.
2. HOOSIER D55 STAMPED CRATE RACIN' USA. TIRES WILL BE DUROMETERED AND CRATE RACIN' USA, AND CRATE RACIN' USA D55 MUST PUNCH 60 OR HARDER AT ANY TIME WHEN TESTED. EFFECTIVE June 1, 2009.

WARNING: THE NESMITH DIRT LATE MODEL SERIES (CRATE RACIN, USA) AND HOOSIER RACING TIRES STRICTLY FORBIDS ANY CHEMICAL ALTERATION OF THE TIRE CARCASS AND/OR TREAD COMPOUND, SUCH AS TIRE SOAKING OR USE OF TREAD "SOFTENER." THE NESMITH DIRT LATE MODEL SERIES (CRATE RACING, USA) AND HOOSIER RACING TIRE STRICTLY FORBIDS THE PHYSICAL DEFACEMENT (REMOVAL, ALTERING, OR COVERING), OF TIRE SIDEWALL MARKINGS IN ANY MANNER. FAILURE TO COMPLY WITH THIS WARNING COULD RESULT IN PREMATURE OR CATASTROPHIC TIRE FAILURE AND MAY RESULT IN SERIOUS INJURY OR DEATH.

ANY TIRE THAT IS DEEMED SUSPICIOUS OR QUESTIONABLE AT ANY TIME DURING A WEEKLY SANCTIONED OR NATIONAL EVENT WILL BE CONFISCATED, AND IF NECESSARY SENT TO A LAB FOR FURTHER TESTING. WHILE TIRE IS IN QUESTION ALL MONEY'S, AND POINTS FOR THAT DRIVER WILL BE HELD UNTIL A RULING IS MADE FINAL. ANY TIRE FOUND NOT TO COMPLY WITH THE ABOVE RULES AND DEEMED TO HAVE BEEN DEFACED AND/OR CHEMICALLY ALTERED WILL RESULT IN THE DRIVER BEING SUSPENDED FOR A PERIOD UP TO 365 DAYS AND MAY BE FINED UP TO \$1,000 BEFORE BECOMING ELIGIBLE TO COMPETE WITH THE NESMITH DIRT LATE MODEL SERIES (CRATE RACIN, USA) AGAIN.

BODY RULES:

1. CRATE RACIN' USA BODY RULES WILL APPLY (See illustrations at the end of this Rulebook).
2. SPOILER SIZE TO MAXIMUM 12".
3. SPOILERS MUST BE MADE OF A TRANSPARENT MATERIAL (SUCH AS LEXAN), SHEET ALUMINUM, OR MATERIALS OF EQUAL STRENGTH. SPOILER SUPPORTS SHOULD BE MADE OF EQUAL MATERIAL ON BOTH SIDES. NO OPEN SPOILER SUPPORTS.
4. THE AEROTECH DOMINATOR NOSE PIECE IS ALLOWED.
5. NO MIRRORS.
6. NO RADIOS.
7. RACEceiver IS MANDATORY.

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FRAME RULES:

1. ALL FRAMES MUST BE OF STEEL CONSTRUCTION.
2. SQUARE OR RECTANGULAR FRAME MUST HAVE A MINIMUM OF 2" BY 2" MATERIAL, .083 WALL THICKNESSES.
3. ROUND TUBE FRAME, TUBING MUST HAVE A MINIMUM OF 1-3/4" OUTSIDE DIAMETER, .083 WALL THICKNESSES.

BASE RULE:

1. MINIMUM WHEELBASE FOR JIG AND SNOOT CAR WILL BE 103".

ROLL CAGE RULES:

1. ALL CARS MUST HAVE A SUITABLE STEEL ROLL CAGE PROTECTING THE DRIVER'S COMPARTMENT, INCLUDING HEADREST.
2. SIDE ROLLBARS ARE MANDATORY, AND MUST EXTEND INTO THE DOOR PANELS. A MINIMUM OF THREE (3) BARS MUST BE ON THE LEFT SIDE.
3. EACH BAR MUST BE AT LEAST 1 - 1/2" DIAMETER, WITH A MINIMUM MATERIAL THICKNESS OF .083".
4. ROLL CAGES MUST BE WELDED TO FRAME.

SAFETY RULES:

1. ALL CARS MUST HAVE 3" SEAT BELTS WITH SHOULDER HARNESS AND MUST BE ATTACHED TO ROLL CAGE.
2. ALL CARS MUST BE EQUIPPED WITH A 2 POUND ABC FIRE EXTINGUISHER.
3. WE STRONGLY RECOMMEND A 5 POUND HALON SYSTEM.
4. ALL DRIVERS MUST WEAR A COMPLETE FIRE SUIT.
5. GLOVES ARE NOT REQUIRED, BUT HIGHLY RECOMMENDED.

TRANSMISSION RULES:

1. MUST HAVE AT LEAST ONE FORWARD AND ONE REVERSE GEAR IN WORKING ORDER.
2. NO STRAIGHT DRIVES OR IN AND OUT BOXES.
3. DRIVE SHAFTS MUST BE PAINTED WHITE - CARBON FIBER DRIVE SHAFTS ARE LEGAL.
4. BALLSPINE TRANSMISSIONS-STRONGLY RECOMMENDED TO RUN CARBON FIBER DRIVE SHAFT ONLY! (This is for your safety)

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BRAKE RULES:

1. NO CARBON FIBER BRAKES

WHEEL RULES:

1. ANY BRAND OR TYPE OF WHEEL ALLOWED MUST BE MOUNTED WITH LUG NUTS.
2. NO KNOCK-OFF OR CENTER LOCK WHEELS.
3. MAXIMUM WHEEL WIDTH - 14".

WEIGHT RULES:

1. GM CRATE ENGINE #88958602 - 2200 LBS. AT ALL TIMES AND AFTER RACE.
2. GM CRATE ENGINE # 88958604 - 2350 LBS. AT ALL TIMES AND AFTER RACE
3. ATTACHED WEIGHT MUST BE SECURELY BOLTED TO FRAME WITH 1/2" OR LARGER BOLTS. WEIGHT MUST BE PAINTED WHITE WITH CAR NUMBER DISPLAYED. PENALTY FOR LOSING ATTACHED WEIGHT ON THE RACE TRACK IS DISQUALIFICATION FROM THE EVENT.

CRATE RACIN' USA BODY SPECIFICATIONS:

