



2025 Crate Late Model Rules

RULES

11.0.1 SAFETY: ANY CAR DEEMED UNSAFE OR UNFIT FOR COMPETITION MAY NOT PARTICIPATE. MINOR INFRACTIONS WILL BE ISSUED A ONE (1) WEEK "FIX IT NOTICE"

1. ALL BALLAST MUST BE SECURELY FASTENED WITH BOLTS AND/OR WEIGHT CLAMPS. DUCT TAPE AND ZIP TIES ARE NOT ACCEPTABLE. MUFFLER CLAMPS ARE NOT ACCEPTABLE. 1 MOUNTING POINT PER 25LBS REQUIRED.
2. BALLAST MUST BE PAINTED WHITE WITH CAR # DISPLAYED. ANY LEAD OR WEIGHT THAT COMES OFF OF A CAR IS SUBJECT TO \$5/LB FINE.
3. MUST HAVE WORKING FIRE EXTINGUISHER IN CAR, UNLESS RUNNING FIRE SUPPRESSION SYSTEM.
 - a. FIRE SUPPRESSION SYSTEM WILL BE MANDATORY IN THE FUTURE, PLEASE INVEST IN ONE OVER THE NEXT SEASON.
4. MUST HAVE SFI APPROVED 5 POINT HARNESS THAT IS IN DATE. (3 YEARS OLD MAXIMUM)
5. MUST HAVE A WORKING RACECEIVER/NITRO BEE/SWITCH AT ALL TIMES WHILE ON THE RACING SURFACE. TUNED TO 454.000
6. FULL CONTAINMENT SEATS AND HEAD RESTRAINT REQUIRED AT ALL TIMES.
 - a. RACING SEATS REQUIRED, MUST FIT DRIVER, BE SFI APPROVED, AND MUST BE BOLTED TO ROLL CAGE.
7. CARS DEEMED UNSAFE TO RUN OR THAT FAIL PRETECH WILL NOT BE ALLOWED TO RACE AT THE TECH OFFICIALS DISCRETION.
8. NO ALUMINUM OR TITANIUM CAGES OR TUBING PERMITTED. ALL TUBING MUST BE A MINIMUM OF 1 1/2 INCHES AND A MINIMUM OF .095 WALL THICKNESS. THREE BARS IN DRIVER'S SIDE MANDATORY, TWO BARS IN RIGHT SIDE MANDATORY. MUST HAVE A MINIMUM OF 1 INCH BAR, .083 WALL THICKNESS IN HALO SECTION RUNNING EITHER FRONT TO REAR OR DIAGONAL ACROSS. MUST HAVE A ROCK GUARD WITH A MAXIMUM OF 4IN BETWEEN BARS.

11.1 WEIGHT:

CLAIMED WEIGHT MUST BE POSTED CLEARLY ON BOTH SIDES OF A-PILLAR OR HOOD

1. **604 ENGINE 2350 LBS.**
2. **602 ENGINE 2300 LBS.**
3. **1LB PER LAP BURNOFF FOR FEATURE ONLY.**

11.2 CHASSIS AND FRAME:

1. CONVENTIONAL STYLE LATE MODEL OF ANY YEAR PERMITTED.
2. WE WILL FOLLOW WORLD OF OUTLAW FRAME AND CHASSIS RULES. MUST MEET ALL SAFETY STANDARDS AT ALL TIMES.
3. ALL CARS MUST HAVE A SUITABLE AND DEEMED SAFE STEEL ROLL CAGE PROTECTING THE DRIVER'S COMPARTMENT.

11.3 BODY : MUST BE PROTESTED BEFORE START OF EVENT, THE BODIES MAY BE OBSERVED, MEASURED, ETC. AS NECESSARY. IF OFFICIALS DO NOT APPROVE, YOU WILL BE ASKED TO CHANGE IT, ADD WEIGHT OR ANYTHING DEEMED NECESSARY BY THE OFFICIALS.

1. GENERAL BODY:

- a. STANDARD LATE MODEL BODY RULES.
- b. FINS AND LIPS WILL NOT BE PERMITTED ANYWHERE ALONG THE ENTIRE LENGTH OF THE CAR, UNLESS OTHERWISE NOTED.
- c. BODIES THAT ARE NOT APPROVED MAY BE ASSESSED WITH 10LBS PER INCH OF INFRACTION.

- d. REFER TO ATTACHED ILLUSTRATIONS FOR MEASUREMENTS
- 2. **SPOILER**
 - a. MAXIMUM 8X72 INCH SPOILER. MUST MEET WoO SPECIFICATIONS AND DRAWINGS.
- 3. **DECK HEIGHT**
 - a. 40" FROM HIGHEST POINT WHERE SPOILER MEETS DECKING TO GROUND.

11.4 CHASSIS & SUSPENSION:

1. STANDARD LATE MODEL SUSPENSION ONLY. NO SPRING LOADED OR SHOCK TYPE 4 BAR RODS. ONLY STANDARD SOLID 4 BAR RODS.
2. STANDARD LATE MODEL SUSPENSION EQUALS ONE (1) SHOCK PER WHEEL. LEFT REAR IS ALLOWED ONE (1 OR 2) LR SHOCK(S). IF 2 LR SHOCKS, 1 SHOCK/SPRING, 1 "TRACTION" SHOCK. SHOCKS MUST BE MOUNTED VERTICAL TO AXLE TUBE.
3. 1 CHAIN LIMITING DEVICE WILL BE ALLOWED,
4. NO TORSION BAR ON FRONT OR REAR SUSPENSION.
5. STANDARD ONE-PIECE BIRD CAGES. NO SPLIT BIRD CAGES.
6. CHASSIS BRACKETS MUST BE FIXED. NO MOVEMENT.
7. ONE (1) MECHANICAL TRACTION DEVICE ALLOWED, EITHER 5TH COIL OR TORQUE LINK, BUT NOT BOTH. ONE (1) 90/10 ALLOWED WITH TORQUE LINK, MOUNTED CENTER TOP OF REAR END TO FRAME.
8. STACK SPRINGS AND BUMP STOPS OK.
9. SHOCK SLEEVE PROTECTOR ALLOWED TO PROTECT THE BODY OF SHOCK.
10. NO DATA ACQUISITION DEVICES OF ANY TYPE ALLOWED.

11.5 SHOCK RULE:

1. ONE (1) ALUMINUM OR STEEL ADJUSTABLE/EXTERNAL CANISTER SHOCK PER CORNER. (2 ON LR)
 - a. NO "THRU-ROD" TYPE SHOCKS.
 - b. ALL SHOCK ADJUSTMENTS MUST BE MADE ON SHOCKS OR CANISTER. NO COCKPIT OR REMOTE ADJUSTERS ALLOWED.

11.6 IGNITION:

1. ANY DISTRIBUTOR, MODULE, COIL ETC. (NO MAGNETOS, CRANK TRIGGER SYSTEMS) IGNITION BOXES PERMITTED. BILLET DISTRIBUTORS PERMITTED.
2. FIRING ORDER MUST REMAIN STOCK. (I.E CHEVROLET: **1-8-4-3-6-5-7-2**)
3. NO ELECTRONIC TRACTION CONTROL DEVICES. \$100 PROTEST FEE, SERIES RETAINS PROTEST FEE.
4. NO RPM CHIP RULE.
5. EFFECTIVE IN 2025, THE FOLLOWING IGNITION BOXES WILL NOT BE PERMITTED FOR USE
 - a. MSD 6530
 - b. MSD 65303
 - c. MSD DIGITAL PROGRAMMABLE 6AL-2
 - d. FAST IGNITION 307222
 - e. ANY BOX THAT CHANGES OR HAS THE ABILITY TO CHANGE THE IGNITION ADVANCE IS NOT PERMITTED.

11.7 CARBURETOR:

1. ONE 4 BARREL CARBURETOR ONLY.
2. SUPERBOWL OR SUPERBOWL STYLE CARBURETORS ALLOWED.
3. WILLY'S EQUALIZER PERMITTED.
4. CRATE ENGINES PERFORM BEST WITH 650CFM HOLLEY CARBURETORS.
5. MAXIMUM 1" CARB SPACER ALLOWED.
6. 1 GASKET .070 THICKNESS ALLOWED BETWEEN CARB/SPACER AND SPACER/INTAKE.

11.8 EXHAUST SYSTEM:

1. ANY HEADER ALLOWED.

- (1) MUFFLER PER HEADER ALLOWED.

11.9 FUEL SYSTEM:

- RACING FUEL OR PUMP GAS ONLY.
- FUEL IS SUBJECT TO LABORATORY TESTING AND FUEL MAY NOT CONTAIN ANY ADDITIVES.
 - THE SPECIFIC ELEMENTS WHICH WILL BE SEARCHED FOR INCLUDE: PROPYLENE OXIDE, ALCOHOLS (ALL TYPES), ALDEHYDES, AMINOBIPHENYL, BENZENE (IN EXCESS OF EPA LIMIT), BENZIDINE, BERYLLIUM COMPOUNDS, BROMINE COMPOUNDS, BUTADIENES, CHLORINATED COMPOUNDS, CHROMATES, DIOXANES, ETHYL ACRYLATE, ETHYLENE OXIDE, HYDRAZINE COMPOUNDS, METHYLENE DIANILINE, NAPHTHYLAMINE, NITROGEN COMPOUNDS (NITROMETHANE, ET AL.), STYRENES, TOLUIDINE AND XYLIDINE. ALSO ADDED THIS LIST WILL BE SUBSTANCES DEEMED TO EXCEED THE THRESHOLD LIMIT VALUES (TLV) OR BIOLOGICAL EXPOSURE INDICES (BEI) AS LISTED BY THE AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS (ACGIH).
FUEL MUST MEET SPECIFIC GRAVITY AT ALL TIMES.
 - FUELS MUST MEET MANUFACTURER'S BENCHMARK AT ALL TIMES.
 - GASOLINE OR RACE GAS** – SPECIFIC GRAVITY NOT TO EXCEED .744 AT 60 DEGREES. ANY GASOLINE OR RACE GAS WITH A SPECIFIC GRAVITY OF .745 OR GREATER WILL BE DISQUALIFIED. FUEL IS SUBJECT TO TESTING ON SITE, OR FUEL SAMPLES MAY BE TAKEN AND SENT TO AN INDEPENDENT LAB FOR TESTING. B. E-85 – SPECIFIC GRAVITY NOT TO EXCEED .7855
 - E-85** – SPECIFIC GRAVITY NOT TO EXCEED .7855 AT 60 DEGREES. ANY E-85 WITH A SPECIFIC GRAVITY OF .7856 OR GREATER WILL BE DISQUALIFIED.
- FUEL IS SUBJECT TO TESTING ON SITE, OR FUEL SAMPLES MAY BE TAKEN AND SENT TO AN INDEPENDENT LAB FOR TESTING.
- IN-LINE FUEL SHUT OFF WITHIN REACH OF DRIVER RECOMMENDED.

11.10 DRIVELINE:

- ALL CARS MUST HAVE SAFETY LOOP FOR DRIVESHAFT.
 - DRIVESHAFT MUST BE CARBON FIBER OR ALUMINUM.

11.111 TRANSMISSION:

- ANY BERT, BRINN, FALCON OR SIMILAR TRANSMISSION WITH FORWARD AND REVERSE.
- CARS MUST START AND MOVE UNDER THEIR OWN POWER, NO DIRECT DRIVES OR IN-AND-OUTS 3. CARBON FIBER MANDATORY WITH BALL SPLINE TRANSMISSIONS

11.12 BRAKES:

- CARS MUST HAVE WORKING BRAKES. SHUTOFF AND ADJUSTER PERMITTED.
- STEEL ROTORS ONLY.
- NO EXOTIC BRAKE SYSTEMS.

11.13 TIRES & WHEELS:

- 604 ENGINE CARS.**
- LEFT FRONT:** OPEN
- RIGHT FRONT/LEFT REAR:** HOOSIER CRATE21, NLMT3 OR AMERICAN RACER PRO2, PRO3 4. **RIGHT REAR:** HOOSIER CRATE55, NLMT4 OR AMERICAN RACER PRO4 5. **602 ENGINE CARS.**
- LEFT FRONT:** OPEN
- RIGHT FRONT/LEFT REAR:** HOOSIER CRATE21, NLMT3 OR AMERICAN RACER PRO2, PRO3 8. **RIGHT REAR:** HOOSIER CRATE21, NLMT3 OR AMERICAN RACER PRO2, PRO3
- 15X14 WHEELS ONLY, ANY OFFSETS PERMITTED, SPACERS PERMITTED.
- GROOVING AND SIPING PERMITTED.
- SUBJECT TO CHEMICAL LAB TESTING, REQUIRED TO CONFORM TO BENCHMARK AT ALL TIMES.
 - LAB RESULTS ARE INDEPENDENT AND THE LAB HAS FINAL SAY ON WHETHER THE TIRE HAS BEEN ALTERED.

11.14 ENGINE:

NO ALUMINUM PARTS AT ANY TIME UNLESS OTHERWISE SPECIFIED.

1. GM 60 CRATE SPEC ENGINE.

- a. SHALL MEET FACTORY "YELLOW GM BOOK" SPECS AT ALL TIMES WITH NO ALTERATIONS OR REMOVAL OF ANY PARTS.
- b. 2025 LEGAL SEALS: GM BOTTLE CAP, MID-EAST, CRUSA, DIRTCAR, BLUE RIDGE. ALL OTHERS NEED PRE APPROVAL FROM TRACK.
- c. ANY GM BOTTLE CAP ENGINE FOUND TO HAVE WORK DONE "INSIDE" THE SEALS WILL BE TREATED AS ILLEGAL ENGINE.

2. GM 602 CRATE SPEC ENGINE.

- a. SHALL MEET FACTORY "YELLOW GM BOOK" SPECS AT ALL TIMES WITH NO ALTERATIONS OR REMOVAL OF ANY PARTS.
- b. 2025 LEGAL SEALS: GM BOTTLE CAP, MID-EAST, CRUSA, RUSH, IMCA. ALL OTHERS NEED PRE APPROVAL FROM TRACK.
ANY GM BOTTLE CAP ENGINE FOUND TO HAVE WORK DONE "INSIDE" THE SEALS WILL BE TREATED AS ILLEGAL ENGINE.

11.15 OIL SYSTEMS:

1. WET SUMP STOCK PUMP ONLY. NO EXTERNAL OIL PUMPS OR SYSTEMS (EVEN IF CONSIDERED "WET").
2. OIL COOLERS(1) AND REMOTE OIL FILTERS PERMITTED.

11.16 PROTEST AND CLAIM: ITEMS NOT COVERED BELOW ARE NON-PROTEST ITEMS AND WILL BE GOVERNED BY TRACK.

**1. FACTORY SEALED AND RE-SEALED CRATE ENGINES WILL FOLLOW CRATE CLAIM PROCEDURES AS FOLLOWS:
604/602- CURRENT COST FROM DEALER (CITY CHEVROLET)**

- a. THE TRACK RESERVES THE RIGHT TO IMPOUND AND INSPECT ANY CRATE ENGINE AT ANY TIME AND WILL DO SO FREQUENTLY. ANY CRATE ENGINE ENTERED INTO COMPETITION IS SUBJECT TO BE IMPOUNDED AND CHECKED AT ANY TIME.
 - i. WE BELIEVE IT IS THE DUTY OF THE SANCTIONING BODY TO POLICE CRATE ENGINES. ii. IN THE EVENT THAT THE ENGINE COMES BACK LEGAL, TRACK WILL PAY THE SEAL FEE AND SEND GASKETS TO THE TEAMS CERTIFIED REBUILDER OF CHOICE.
- b. ENGINE WILL BE RECEIVED WITH ACCESSORIES AS SUPPLIED FROM GM.
 - i. ONLY HIGHEST FINISHING CRATE ENGINE MAY BE CLAIMED. ONLY DRIVER ON THE SAME LAP CAN CLAIM. IF MORE THAN ONE PERSON CLAIMS, THE DRIVER FINISHING THE FARTHEST BACK GETS 1ST CHOICE.

2. ENGINE PROTEST: COMPLETE TEARDOWN, \$1,500, \$300 TO TRACK/ENGINE INSPECTOR. \$1,200 TO WINNER OF PROTEST.

- a. ANY VIOLATION OF THE ENGINE RULES AND/OR FACTORY SPECS INCLUDING, BUT NOT LIMITED TO: ILLEGAL PARTS, GM BOTTLE CAP SEALS TAMPERED WITH, GM BOTTLECAP SEALED ENGINE THAT HAS BEEN OPENED UP AND GM SEALS PUT BACK INTO (ENGINE WILL BE CONSIDERED ILLEGAL IF FOUND TO BE TAMPERED WITH INSIDE OF SEALS WITH GM SEALS IN, WHETHER ENGINE IS LEGAL OR NOT) WILL RESULT IN DRIVER/OWNER OR BOTH BEING DISQUALIFIED FROM THAT EVENT, SUSPENDED 6 MONTHS AND FINED \$2,500 FOR FIRST OFFENSE. SUSPENDED 1 YEAR AND FINED \$5,000 FOR SECOND OFFENSE.
- b. ANY VIOLATION OF THE ENGINE RULES FROM FACTORY OUTSIDE OF SEALS INCLUDING, BUT NOT LIMITED TO: VALVE SPRING, ROCKER ARMS, PUSH RODS, HARMONIC BALANCER ETC WILL BE FINED \$500 FOR FIRST OFFENSE. FINED \$1,000 AND SUSPENDED 30 DAYS FOR SECOND OFFENSE, AND DOUBLED FOR ANY OFFENSE AFTER THAT.
- c. ANYONE REFUSING ENGINE PROTEST WILL BE TREATED AS ILLEGAL INSIDE OF BOLTS, ALL FINES AND PENALTIES WILL BE ENFORCED AS SUCH.

3. TIRE PROTEST FEE (\$125)(\$125 ACCEPTANCE FEE, \$125 TO WINNER OF PROTEST, TRACK/SERIES RETAINS REMAINDER OF FEE TO PAY LAB)

- a. TIRES NOT CONFORMING TO THE BENCHMARK WILL RESULT IN DISQUALIFICATION, LOSS OF POINTS AND PRIZE MONEY AS WELL AS:
 - i. **FIRST OFFENSE – 2 EVENT AND/OR 2 WEEK SUSPENSION FROM ANY TRACK EVENT AND FINE ii. SECOND OFFENSE – 4 EVENT AND/OR 4 WEEK SUSPENSION FROM ANY TRACK EVENT AND \$2000 FINE iii. THIRD OFFENSE – 365 DAY SUSPENSION FROM ANY TRACK EVENT AND FINE AT TRACK DISCRETION.** **\$1000**
- 4. FUEL PROTEST FEE (\$150)(\$150 ACCEPTANCE FEE, \$150 TO WINNER OF PROTEST, TRACK/SERIES RETAINS REMAINDER OF FEE TO PAY LAB)**
- a. FUEL NOT CONFORMING TO THE BENCHMARK WILL RESULT IN DISQUALIFICATION, LOSS OF POINTS AND PRIZE MONEY AS WELL AS:
 - i. **FIRST OFFENSE – 2 EVENT AND/OR 2 WEEK SUSPENSION FROM ANY TRACK EVENT AND FINE ii. SECOND OFFENSE – 4 EVENT AND/OR 4 WEEK SUSPENSION FROM ANY TRACK EVENT AND \$2000 FINE iii. THIRD OFFENSE – 365 DAY SUSPENSION FROM ANY TRACK EVENT AND FINE AT TRACK DISCRETION.** **\$1000**

5. PROTEST PROCESS

- a. ONLY DRIVER/CAR OWNER MAY PROTEST. PROTESTING CAR MUST COMPETE IN RACE IN QUESTION TO FILE PROTEST. ALL PROTESTS MUST BE PRESENTED IN WRITING, ACCOMPANIED BY PROTEST FEE, TO THE TECH MAN WITHIN 5 MINS. OF THE WINNER OF THE FEATURE RACE CROSSING THE SCALES. PROTESTS DONE IN AN UNSPORTSMANLIKE MANNER WILL NOT BE CONSIDERED.
- b. PROTESTED CARS HAVE 5 MINS. TO ACCEPT OR REFUSE PROTEST. AFTER ACCEPTANCE, PROTESTED CAR HAS 5 MINS. TO BACK PULL PROTESTING CAR ONLY, ON EQUAL OR LESS ITEMS.
- c. TO PROTEST ANY CAR IN THE FIELD, YOU MUST FINISH DIRECTLY BEHIND THEM OR PROTEST ALL CARS BETWEEN. MUST BE ON LEAD LAP AT THE CHECKERED FLAG.
- d. AFTER PROTEST HAS BEEN FILED AND MONEY HAS BEEN PUT UP, IT WILL NOT BE RETURNED FOR ANY REASON. PROTEST CANNOT BE TAKEN DOWN ONCE IT IS FILED; THIS IS TO AVOID SWAPPING MONEY, WHICH IS UNFAIR TO THE REST OF THE FIELD.
- e. PARTS MUST BE READY FOR INSPECTION WITHIN ONE (1) HOUR. (TECH MAN DISCRETION)
- f. FOR PROTEST MONEY TO GO TO THE CAR THAT HAS BEEN PROTESTED, HE/SHE MUST TEAR DOWN AND BE CHECKED AND FOUND LEGAL. CARS FOUND ILLEGAL WILL FORFEIT POINTS AND MONEY EARNED FOR ENTIRE RACE NIGHT.
- g. QUESTIONS ON PROTEST PROCESS WILL BE MADE BY DRIVER/CAR OWNER ONLY.
- h. ONE CREW MEMBER FROM PROTESTING TEAM IS ALL THAT WILL BE ALLOWED IN TECH AREA OTHER THAN SECURITY AND TECH OFFICIALS FOR THE DURATION OF TECH PROCESS. NO SWITCHING OUT OF PROTESTING CREW MEMBER MID-TECH. NO PHONES OR CAMERAS ALLOWED IN TECH AREA WITH PROTESTING CREW MEMBER. IF CAUGHT ATTEMPTING TO TAKE PHOTOS, PROTESTING TEAM WILL BE DQ'ED. ALL PEOPLE IN TECH AREA SHALL REMAIN CALM & SPORTSMANLIKE DURING TECH PROCESS.
- i. THE TECH MAN HAS FINAL WORD ON ANY RULE OR PROTEST.

11.17 ELECTRONIC DEVICES:

- 1. NO DATA ACQUISITIONING DEVICES
- 2. NO TRACTION CONTROL OR LIKE DEVICES
 - a. MSD BOXES WILL BE CHECKED AND MAY BE IMPOUNDED AT ANY TIME
- 3. CAMERAS MUST BE MOUNTED ABOVE THE DECK AT ALL TIMES AND CLEAR OF DRIVERS VIEW

RULE BOOK DISCLAIMER: RULES AND/OR REGULATIONS SET FORTH HEREIN ARE DESIGNED TO PROVIDE FOR THE ORDERLY CONDUCT OF RACING EVENTS AND TO ESTABLISH MINIMUM ACCEPTABLE REQUIREMENTS FOR SUCH EVENTS. THESE RULES SHALL GOVERN ALL EVENTS, AND BY PARTICIPATING IN THESE EVENTS, ALL PARTICIPANTS ARE DEEMED TO HAVE COMPLIED WITH THESE RULES. NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM PUBLICATIONS OF OR COMPLIANCE WITH THESE RULES AND REGULATIONS. THEY ARE A GUIDE AND ARE IN NO WAY A GUARANTEE AGAINST INJURY

OR DEATH TO A PARTICIPANT, SPECTATOR, OR OFFICIAL. TRACK RETAINS THE RIGHT TO MAKE ALL DECISIONS AND RESERVES THE RIGHT TO MAKE ANY RULE CHANGES/AMENDMENTS WITH DISPUTE OR APPEAL. RULES WILL BE A LOOK AT BASED ON UNITED STATES AVAILABILITY. SOME ITEMS MAY BE LOOKED AT WITH VARIANCE DEPENDING ON UNITED STATES AVAILABILITY AS NECESSARY. *"NITPICKING"* WILL NOT BE TOLERATED, TRACK TECH OFFICIALS HAVE FINAL SAY.