



CROWN VICS RULEBOOK

Evans Mills Raceway Park

(315) 323-6033

emrptechinspector@yahoo.com

Physical Address: 28412 Steinhilber Rd. Evans Mills, NY 13637

Mailing Address: PO Box 111 LaFargeville, NY 13656

This rulebook is adopted from Crown Vic Northeast

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The rules herein shall refer to Evans Mills Raceway Park as “EMRP.” These rules are intended to create affordable and fair competition. While they offer a good outline, every item cannot be covered by a written rule. Any questions regarding any item not specifically covered in these rules should be addressed with EMRP officials prior to proceeding. No vehicle, component, or equipment will be considered as having been approved by reason of having previously passed through inspection unobserved, or undetected. All equipment is subject to inspection and approval by EMRP officials. You may be assessed penalties including, but not limited to added weight, fines, loss of points, loss of handicapping, and suspension, car parts, components, and/or equipment deemed as not in compliance with these rules. Any car part, component, and/or equipment which does not conform to the specifications or tolerances contained in the rules book or is not otherwise approved by EMRP may not be used in competition and is subject to confiscation at the discretion of EMRP officials.

By competing at EMRP, you agree to have read and adhere to this Crown Vics rulebook and the EMRP General rulebook.

Items that may have received amendments or are important to note may be highlighted in yellow.

1. General Rules

- a. Competitors and crew members in this division must read, understand, and adhere to the Evans Mills Raceway Park General Rulebook which is enforced across all divisions of racing at EMRP.

2. Safety

- a. Transponders are mandatory. Must be mounted on firewall in engine bay. The transponder must be an AMB x2 or TranX x260. No motocross or karting transponders are allowed.
- b. Raceceivers are mandatory. Track frequency only (454.000). No other communication devices of any kind are allowed. This includes smart watches, pit side signals, and sticks.
- c. Fire extinguisher or on-board fire suppression system is mandatory.
- d. Aluminum racing seats only. No stock seats. Full containment seats are highly recommended. Open seats require the use of a HANS type device or approved restraint system. Must be bolted to the roll cage's lower halo, not the body or floor.
- e. Minimum five-point safety harness. Used belts must be in EXCEPTIONAL visual condition and mounted to the roll cage only.
- f. Window nets are mandatory. Must be operable by the driver.
- g. A quick release steering wheel is recommended. No more than a six-inch (6") extension is allowed.
- h. SA SNELL 2020 or SFI 31.2 Safety Standards or newer, full-face helmet and face shield.
- i. SFI rated fire suit and gloves are mandatory. Racing shoes or boots are mandatory.
- j. Windshield may be used or replaced with three vertical (minimum) 3/8" (inch) rods. A screen is highly recommended. Factory glass or Lexan Windshield – No plexiglass
- k. All unused holes in the firewall must be covered. Rear deck/trunk openings are recommended to be covered.
- l. We will not make exceptions for safety. If tech officials find a safety violation or concern, you will not race until it is corrected.

3. Eligible Vehicles

- a. 1995 - 2011 Standard wheelbase, four-door sedans, rear-wheel drive only.
- b. Ford Crown Victoria, Mercury Grand Marquis, and Lincoln Town Car

4. Vehicle Preparation – What to remove and save from your car

- a. Exterior of car must have all non-metal parts removed except for bumper covers. No police lights, sirens, horns, or anything distracting. Third brake light may remain on deck.
- b. Stock bumper covers may be used or plain OEM facebars. No “Crash Bumpers” or additional hoops. Tow points must be provided front and rear attached to bumper or frame. Factory fiberglass header must be removed. Use of after market front bumpers will be permitted. No heavier than .095 tubing Allstar ALL22352 and Bernheisel bumpers are recommended. Must resemble one of these bumpers.
- c. Left-side and right-side doors and B pillar may be gutted to allow for roll cage installation. **Absolutely no other body panels can be cut or altered in any way.**
- d. Factory steering column and ignition must remain. May have aluminum dash cover, not to extend past front dash bar of the cage. All heat and air conditioning components must be removed (fire hazard). Insulation on floor board and behind dash must be removed. Instrument cluster must remain. Steel dash structure must remain.
- e. Stock gas and brake pedals must be used. No blocks permitted.
- f. Must have working alternator.
- g. You may remove any non-essential emission controls, catalytic convertors, mufflers, and EGR components.
- h. Car must have all exterior panels match to the steel body panels and car being used and in place during competition. Aluminum hood and trunk permitted if factory. Crown vics must use crown vic panels/hood/etc. Town Cars must have Town Car panels/hood/etc., Grand Marquis must have Grand Marquis panels/hood/etc.
- i. Hood and deck lids must have pins to secure. All doors must be welded or securely bolted.
- j. Sunroofs must be covered with aluminum (.040 minimum) No open roof panels.
- k. Rocker panel skirting, grill, and light cover panels may be added. No wings or aero panels of any kind. Windows must remain open. Windshield visor may be 5” (inches) below centerline edge of roof. May have FIVE STAR nose and tail.
- l. Skirts must have 4” (inches) minimum ground clearance. FIVE STAR nose and tail are legal.

5. Roll Cage

- a. Must be minimum four-post design 1 3/4" (inch) .095 wall tubing. Four (4) door bars on driver's door. Straight bars on passenger side are okay. Minimum 1/8" (inch) steel plate at driver's door. Use gussets.
- b. Down posts must pass through body and be hole saw set in frame – solid full welds.
- c. No black iron or exhaust pipe. No sectioning of old cages. No 1 1/2" (inch) tubing.
- d. No other bars may exit passenger compartment except the roll cage.
- e. Lower halo and/or floor bar door to door must be added to mount the seat and belts. Do not bolt the seat or belts to the body, only to the cage. The window net must be operable by the driver.
- f. Mount the battery solid. The battery may not be in a plastic boat box and can't be bolted to the floorboard.
- g. Fuel pump kill switch on the speaker deck is mandatory.
- h. Fuse panels may be relocated for service convenience. Diagnostic port and engine control module must be mounted in plain sight.

6. Engine

- a. 4.6 SOHC V-8 Engine with a cast block as produced. Use OEM new or used to avoid disqualification. Stock air box and paper filter. No cold air intakes.
- b. Water only in the radiator. No fuel tank or fuel system modifications.
- c. Stock cast exhaust manifolds only. Any size/length exhaust system must exist behind the cage.
- d. No open headers or turndowns. May not pass through interior to exit. Stock MAP sensor, must remain in air intake tube.

7. Transmission

- a. Stock automatic transmission as produced for coyote class cars. Stock unaltered.
- b. Shifter must remain in stock location using stock linkage.

8. Rear End

- a. Stock rear differential matching generation of chassis must be used. Absolutely no modification of any part of rear end or suspension.
- b. Rear end ratios of 2.73 to 3.73 only.
- c. Rear gears may be welded or use aftermarket mini spool. Factory limited slip rears are allowed.
- d. Two-inch (2") holes may be cut over rear shocks to allow access.

9. Wheels

- a. 15/16/17 inch factory produced OEM steel or aluminum wheels not to exceed 7 ½" (inches). 15" (inch) wheels only permitted 1995-1997 cars.
- b. All steel wheels must use oversize lug nuts. No wheel spacers allowed.
- c. All wheels must be the same size on the car at the same time. No mixing sizes or offsets.
- d. 1995-2002 cars are permitted to run factory Dodge Charger wheels. Must match 1995-2002 wheel offset. 2003-2011 cars must have factory OEM wheels.

10. Tires

- a. DOT (Department of Transportation) legal all-weather tires only. No winter or racing tires are allowed.
- b. 215/70/R15 – 225/60/R16 – 235/55/R17 marked tire sizes only.
- c. Any manufacturer, brand, and tread pattern may be mixed and matched on the car if legal sizes are used. No chemicals are allowed.
- d. Must have a minimum treadwear rating of 400.
- e. All four tires must be the same marked size on the car at any time. (Same size on all four corners).

11. Suspension

- a. Stock unaltered shocks and springs with equal measurements of length and spring. Coil diameter will be a tech item for both front and rear axles. Rear springs should be 6-61/4 diameter and 16 min. free length.
- b. You may use no more than three (3) *Speedway Motors* Part #5501285 spring rubbers in the right front spring only. No other spacers of any kind are allowed.
- c. Sway Bar(s) may be removed. If sway bar is used, links must be the same length.
- d. No chaining of any suspension part in any fashion.
- e. Caster and Camber three (3) degrees maximum, any means necessary.

12. Brakes

- a. Must remain as produced. No modifications period.
- b. All four wheels must work. No bias control or valves. It is allowed to remove ABS fuse.

13. Electronics and Wiring Harness

- a. One 12-volt battery only. It must be negative post disconnect if using cut-out.
- b. ECM and diagnostic port must be visible and accessible.
- c. Instrument cluster must remain.
- d. Switch operated electric engine fans may be used. Must be OEM style fan.
- e. Only stock ECMs may be used. May not be altered, tuned, chipped, or tampered with in any way. ***See claim rule below***
- f. Check engine light "ON" is legal. Aftermarket temp and oil pressure gauges are allowed.
- g. The ECM in your car is a tech item. EMRP reserves the right of ownership and control during the event YOU have CHOSEN to compete in. A \$250 claim rule can be made by ANY racer finishing THAT FEATURE EVENT. You must post cash to EMRP Technical Inspector no more than 15 minutes after race. *FEATURE WINNING Car ECM only.*
- h. Failure to comply will result in a ban from competition. No discussion. If you feel your ECM is different or better than the next one, that is a problem.

14. Disclaimer

- a. **All rule decisions made by EMRP officials will be FINAL. Rules are subject to revision.**
- b. The management of EMRP reserves the right to refuse entry to any event for any reason should we believe your intent is malicious. All participants must conduct themselves in a manner that is not detrimental to racing or others' health. Profanity in front of race fans, officials, management, profane actions, signs, writing on cars, etc. will not be tolerated EVER. This includes all social media deemed detrimental to the series, track, sponsors, and fellow competitors. Safety is YOUR responsibility. Guidelines have been given; please give your best effort into your builds and be conscious of the inherent dangers of auto-racing. No expressed or implied warranty for your safety is guaranteed while participating in these events.
- c. As race directors we retain the right to permit minor deviation from any form of these specifications or restrictions listed here within that we feel do not alter the minimum acceptable requirements of competition. No implied warranty of safety shall result from such alteration of specifications. ANY interpretation or deviation of these rules is left to the discretion of EMRP officials, EMRP's decision is FINAL. We can in no way guarantee against injury or death to a participant, spectator, or official at or during an event.