

M.1.K Race of Champions Crown Vic

ANY CAR, TEAM AND/OR DRIVER THAT DOES NOT MEET THESE SPECIFICATIONS AND/OR EQUIPMENT REQUIREMENTS WILL BE SUBJECT TO PENALTIES AS DETERMINED BY THE Race of Champions OFFICIALS. Any new components, including engine components, body designs, frame designs and/or components of any type utilized in competition must be approved by Race of Champions Officials prior to being introduced into competition.

1. General Rules a. Competitors and crew members in this division must read, understand, and adhere to the Race of Champions General Rulebook which is enforced across all divisions.

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. The primary frequency is (454.000). The frequency may change and will be noted at the Series Trailer. Any type of other communication devices of any kind will not be permitted. This includes smart watches, pit side signals, and sticks.

c. A Fire extinguisher or on-board fire suppression system is required.

d. Aluminum racing seats only. Stock seats will not be permitted. Full containment seats are highly recommended. Open seats require the use of a HANS type device or approved restraint system. The seat must be bolted to the roll cage's lower halo, not the body or floor.

e. Minimum five-point safety harness. Seat belts must be mounted to the roll cage. Only seat belts mounted to the roll cage will be permitted per the seat belt manufacturers instructions. Seat belts and/or mounting must be acceptable to Race of Champions officials.

f. Window nets are mandatory. Must be operable by the driver.

g. A quick release steering wheel is recommended. A maximum six-inch (6") extension is will be permitted.

h. Only 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 and/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. Plexiglass or any other type of material for the windshield will not be permitted.

k. All unused holes in the firewall must be covered. Rear deck/trunk openings are recommended to be covered. L

l. Safety items must meet all requirements and/or if determined by Race of Champions officials any change and/or required changes must be met prior to competition in any manner.

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 for Competition

a. Exterior of car must have all non-metal parts removed except for bumper covers. Police lights, sirens, horns, or anything distracting will not be permitted. Third brake light may remain on deck.

b. Stock bumper covers may be used or plain OEM facebars. "Crash Bumpers" or additional hoops will not be permitted.. 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. A maximum of .095 inch tubing will be permitted, 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. Cutting and the alteration any other body panel(s) in any way or manner will not be permitted.

d. Factory steering column and ignition must remain. There may be an aluminum dash cover. The cover should not extend past front dash bar of the cage. All heat and air conditioning components must be removed. 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. Blocks will not be 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). Open roof panels will not be permitted.

k. Rocker panel skirting, grill, and light cover panels may be added. Wings or aero panels of any kind will not be permitted. 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 permitted. Minimum 1/8" (inch) steel plate at driver's door. Gussets must be used.

b. Down posts must pass through body and be hole saw set in frame. Only solid full welds will be permitted.

c. Black iron or exhaust pipe will not be permitted. Sectioning of old cages will not be permitted. No 1 1/2" (inch) tubing.

d. Other bars that exit the passenger compartment except the roll cage will not be permitted.

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. The battery must be mounted solid in position. The battery may not be in a plastic box of any type and it must not be bolted to the floorboard.

g. A mandatory on/off Fuel pump switch must be in working fashion and mounted on the speaker deck.

h. Fuse panels may be relocated for service convenience. Diagnostic port and engine control module must be mounted in plain sight and accessible for ease of inspection.

6. Engine

a. 4.6 SOHC V-8 Engine with a cast block as produced. Use OEM new or used to avoid disqualification and/or any inspection penalties. Only Stock air box and paper filter will be permitted. Cold air intakes will not be permitted.

b. Water only in the radiator. Fuel tank or fuel system modifications of any type will not be permitted.

c. Only stock cast exhaust manifolds will be permitted. Any size/length exhaust system must exist behind the cage.

d. Open headers or turndowns will not be permitted. The exhaust may pass through interior to exit the vehicle. Stock MAP sensor, must remain in air intake tube.

7. Transmission

- a. Stock automatic transmission as produced for coyote class cars. The transmission must remain stock and 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. Modifications of any type to any part of the rear end and/or suspension will not be permitted.
- 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. Wheel spacers will not be permitted.
- c. All wheels must be the same size on the car at the same time. Mixing of wheel sizes and/or offsets will not be permitted.
- 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. Winter or racing tires will not be permitted.
- 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. Chemicals and/or treatment of the tire and/or mechanical alteration of the tire will not be permitted.
- 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 an inspection item for both front and rear axles. Rear springs should be 6-6¼ 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. Other spacers of any type will not be permitted.
- c. Sway Bar(s) may be removed. If sway bar is used, links must be the same length.
- d. Chaining of any suspension part in any fashion will not be permitted.
- e. Caster and Camber three (3) degrees maximum, any means necessary.

12. Brakes

- a. Must remain as produced. Modifications of any type will not be permitted.
- b. All four wheels must work. Bias control or valves will not be permitted. The ABS fuse may be removed.

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 will be permitted. The ECM must remain stock. Any ECM that is determined to be altered, tuned, chipped, and/or tampered will not be permitted . *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 an inspectable item. The Race of Champions reserves the right of ownership and control during any event where a vehicle is in competition. A \$250 claim rule can be made by any driver finishing in that feature event. The cash must be posted to the Race of Champions Technical Inspector no longer than 15 minutes after race. Only the feature winning car is eligible for the ECM claim.
- h. Failure to comply will result in being "indefinitely suspended" from competition. In the event of any further action the competitor will be "parked".

14. Disclaimer

- a. All rule decisions made by Race of Champions officials will be final.. Rules are subject to revision.
- b. The management of Race of Champions 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. This includes all social media deemed detrimental to the series, track, sponsors, and fellow competitors. Safety is your responsibility.
- 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. Any interpretation or deviation of these rules is left to the discretion of Race of Champions officials, Race of Champions decision is final.