

2024 Crown Vic Class Rules

This class is an affordable division into traditional stock car racing. The Tomah-Sparta Speedway Crown Vic class is for the everyday race fan or seasoned veteran driver on a budget who wants to become a race car driver and have FUN every weekend!

FREE PIT PASS: Drivers in the Tomah-Sparta Speedway Crown Vic class that were not in the top three finishes from the last race will receive a free pit pass for the next race only. Driver must enter with their car to receive Pit Pass.

LEGAL CARS: ONLY Ford Crown Victoria, Ford Crown Victoria Police Interceptor, Mercury Grand Marquis, and Lincoln Town Car 1995 or newer.

BATTERY:

1. 12-volt only.
2. IF moved, the battery must be securely mounted to the floor in the trunk.

BUMPERS:

1. Must remain Stock or replaced with tubing with no sharp edges or points.

CASTER & CAMBER:

1. You may adjust as factory adjustments allow however NO modification of factory suspension is permitted.

DRIVERS:

1. Drivers must ALWAYS wear a full faced helmet while on track.
2. A full fire suit, one- or two-piece, fire retardant racing shoes and gloves are required.
3. Driver side window net is required.

ENGINE:

1. Must Remain Entirely stock 4.6L SOHC Engine.
2. Manifold Must Remain Stock.
3. Air Filters Must Remain Stock.
4. Absolutely no adjustment to the ECM of any kind, Stock parameters must be in place when inspected.

EXHAUST:

1. Pipes must go beyond the driver and exit from the side or rear of the car.

2. Muffler and Exhaust Components are not required, straight pipes under the vehicle are legal

FUEL TANK:

1. Must Remain STOCK and in the stock position.
2. Replacing with a Fuel Cell or anything other than the stock tank is NOT PERMITTED.

HOOD/TRUNK:

1. Must have hood type pins for easy access by track officials. No bolting down.

NUMBERS:

1. All numbers MUST be registered with the track before competition. There will be NO Duplicate numbers or numbers with letters preceding or following it.
2. Numbers on the Door and Roof are required. Numbers must be at least 16" tall. The Roof Number should be facing the passenger side of the vehicle.

INTERIOR:

1. Steering Column must remain STOCK. Addition of a stiffener to steering shaft, Quick Release and racing wheel is permitted.
2. Dash must remain STOCK. All Airbags in the car MUST be removed.
3. Pedals must remain STOCK.
4. All Glass must be removed except the Windshield. Windshield Glass can be left in or removed.
5. Windshield must have 3 or more Solid Steel Vertical Bars in front of the driver. If windshield glass is in, the bars must be inside the windshield.
6. No Gutting of hood, deck lid, fenders or structure of the body.

REAR END:

1. Must Remain Entirely STOCK.
2. Factory Ford Gear Only.
3. 2.73, 3.27, 3.55 and 3.73 ratios are the only Ratios Legal.
4. No aftermarket Lockers.
5. You may lock the differential by welding Rear Spider Gears.

ROLL CAGE:

1. Must be a minimum 4-point cage with 4 curved door bars on the driver's side. Straight bars can be used on the passenger side.
2. Cage must be welded to the frame and not the floor pan.
3. A driver's door plate is required. It must be 1/8" thick steel and measure 18" by 48". It can be on the outside or inside of the car.

SEAT AND BELTS:

1. A racing seat is required and must be bolted to the cage, not the floor, with a minimum 3/8" Grade 5 or higher bolts.
2. Racing belts mandatory and must have five (5) point system. Belts must be in good condition and not more than three (3) years old from date of manufacture. Stock passenger seat belts not permitted. Seat belts must be properly bolted (not welded) to roll cage, using no less than 3/8" Grade 5 bolts (see diagram). Nuts and bolts must be tight and secure. Belts must be tight to the driver's body at all times without exception.
3. Approved driver window net mandatory. Must be in good condition, not more than three (3) years old. Must be mounted on 3/8" steel rod, top and bottom. Must be attached at top-front by quick release or seat belt-type latch. Net must be taut when latched.
4. Fire extinguisher required. Extinguisher must be mounted on driver's right side with quick release (no taping, no plastic brackets), within reach of driver and accessible to safety crew from both left and right-side windows

SUSPENSION:

1. No altering of the suspension including sway bar links.
2. No Air Ride, No Cutting, No Heating and No Lowering of Springs.
3. Shocks and Springs can only be replaced by the same stock parts or OEM Replacements. (Can cut two 2" holes above the rear shocks to access top shock nut)
4. Any Spring Rubbers/Spacers are ILLEGAL.

TIRES:

1. All Season Tires ONLY. Minimum Treadwear rating 400
2. The only tire sizes legal are 235/55/17, 225/60/16 and 215/70/15.
3. NO High Performance, Auto Cross or Directional Tires permitted.
4. NO soaking, softening, grooving, siping or needling of tires.

TRANSMISSION:

1. MUST remain entirely STOCK.

WHEELS:

1. Must be steel stock wheels.
2. All 4 wheels must be the same size and offset.
3. No wheel spacers.
4. No offset wheels on cars 2001 and newer.

Raceceiver Mandatory whenever on the track so the driver can hear race control at all times.

All cars must have a working MYLAPS-brand transponder mounted on right-side of right-rear frame rail. Transponder must be securely fastened, mounted vertically with sensor pointing down to race track. Centerline of transponder must be located 12" behind the rear edge of the rear axle tube, not more than 12" high from the ground. Any car without a working transponder is subject to being omitted from finish order. (The MYLAPS "X2" transponder is highly recommended.) Visit www.scoring.racing for more information.

MAJOR INFRACTIONS - If you have been caught for any performance enhancing computers, performance aftermarket parts, the and the driver will be BANNED from the Tomah-Sparta Speedway Crown Vics CLASS PERMANENTLY!

Tomah-Sparta Speedway has the right to make changes to these rules as necessary in order to protect the integrity of the class. All decisions and interpretations of these rules by BIG O SPEEDWAY will be considered final. Tomah-Sparta Speedway reserves the right to confiscate any illegal parts deemed to be in violation of these technical rules.