



CROWN VICS 2025 EVENT RULES AND SPECIFICATIONS

HEADER INFORMATION

CONTACT DETAILS

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CROWN VICS 2025 RULES INTRODUCTION

The Crown Vics 2025 event is designed to provide a competitive platform for specific eligible models, ensuring a thrilling experience for participants. The primary objective of these rules is to standardize the requirements for all vehicles competing in the event, promoting safety and fairness.

ELIGIBLE MODELS

Participants must adhere to the following model criteria to qualify for participation:

- **Eligible Models and Years:**
 - **Ford Crown Victoria:** 1992 - 2011
 - **Mercury Grand Marquis:** 1992 - 2011
 - **Lincoln Town Car:** 1992 - 2011

These models have been selected for their unique characteristics, which allow for a competitive yet safe racing environment. All vehicles must meet the outlined specifications to ensure compliance with event standards. The adherence to these rules is vital for maintaining the integrity and excitement of the Crown Vics 2025 event.

ENGINE AND TRANSMISSION

SPECIFICATIONS OVERVIEW

In the Crown Vics 2025 event, strict guidelines govern the engine and transmission specifications to ensure uniformity and safety across all participating vehicles. Participants must adhere to the following rules:

Engine Type:

- Only **original factory engines** from the eligible models are permitted.
- No aftermarket modifications or enhancements are allowed that would increase horsepower or performance.

Transmission:

- Only the **OEM transmission** matched to the respective vehicle model is acceptable.
- Shift kits or performance modifications to the transmission that may affect performance are prohibited.

RESTRICTIONS ON AFTERMARKET PARTS

To preserve the spirit of fair competition, the use of aftermarket parts is strictly limited:

Mandatory Components:

- Engines must retain stock components such as intake and exhaust manifolds.
- Alterations to the fuel system must involve factory specifications; no racing pumps or injectors are permitted.

Antifreeze Regulations:

- The use of antifreeze in vehicles is **strictly prohibited** during the event. Participants must use water or a water-based solution only.

- Violation of this rule will result in immediate disqualification from the event, emphasizing the importance of maintaining a safe environment.

PENALTIES FOR VIOLATIONS

Non-compliance with these rules will incur significant penalties:

First Violation:

- A warning will be issued, and the participant will be given the opportunity to rectify the situation before their next race.

Subsequent Violations:

- A second violation will result in a **one-race suspension**.
- Continuous violations may lead to **permanent disqualification** from the Crown Vics 2025 event.

Adhering to these engine and transmission specifications is crucial for all participants to create a level playing field in accordance with the event's competitive standards.

REAR END AND BRAKES

REAR END SPECIFICATIONS

For the Crown Vics 2025 event, the integrity and functionality of the rear end are critical for ensuring vehicle performance and safety. Participants must adhere to the following specifications:

OEM Parts Requirement:

All rear end components must consist of Original Equipment Manufacturer (OEM) parts. This includes the differential, axle assemblies, and suspension components.

Maximum Gear Size:

The maximum gear size permitted for the rear end is 3.73:1. Participants must ensure that their vehicles comply with this limit to maintain uniformity among competitors.

BRAKE SYSTEM REGULATIONS

The brake system is essential for safe vehicle operation during the event.

Brake Components:

Only OEM brake components are allowed, including:

- Brake rotors
- Calipers
- Master cylinders

Performance Standards:

All vehicles must pass a brake test prior to the event. This test will evaluate:

- Stopping power
- Brake fade resistance

Safety Features:

It is mandatory for all participating vehicles to have functioning brake lights and a backup system that meets OEM specifications.

By adhering to these rear end and brake system requirements, participants can ensure not only their performance in the race but also uphold the safety standards necessary for all competitors involved in the Crown Vics 2025 event.

FRAME AND SUSPENSION

MODIFICATIONS GUIDELINES

For the Crown Vics 2025 event, the rules governing the frame and suspension are designed to maintain the structural integrity of the vehicles while promoting safety during competition. Participants must adhere to the following specifications:

Frame Alterations:

- **Prohibition on Frame Modifications:**

Any alterations to the original frame of the vehicle are strictly prohibited. This rule is in place to ensure that the safety and handling characteristics of the eligible models remain unchanged.

Suspension Components:

- **Replacement Allowances:**

While frame modifications are not allowed, participants may replace the

shocks and springs of their vehicles. These replacements must adhere to the following criteria:

- **OEM Standards:**

Replacement shocks and springs must meet Original Equipment Manufacturer (OEM) specifications to ensure compatibility and performance alignment with standard manufacturing.

- **Aftermarket Limitations:**

If aftermarket shocks or springs are used, they must not exceed performance thresholds that could provide a competitive advantage. They must be evaluated and approved by event officials prior to the race.

SAFETY REQUIREMENTS

Maintaining a safe vehicle setup is paramount; therefore, all participants must ensure:

Inspection Compliance:

All suspension components are subject to inspection by event officials. Vehicles must be able to demonstrate proper handling and ride height to meet safety standards.

Damping Specifications:

Participants must ensure that any replacement shocks utilized provide appropriate damping capabilities in line with OEM standards.

By adhering to these frame and suspension rules, participants can ensure a level playing field while prioritizing safety in the Crown Vics 2025 event.

ROLL CAGE SPECIFICATIONS

INSTALLATION REQUIREMENTS

For the Crown Vics 2025 event, the roll cage is a critical component designed to protect drivers in the event of a collision or rollover. The following specifications outline the requirements for roll cage installation:

Material Composition:

- Roll cages must be constructed from **mild steel** tubing or other approved materials equivalent in strength.

- Minimum diameter of the tubing must be **1.75 inches** with a minimum wall thickness of **0.120 inches**.

Design and Structure:

- A minimum of **six-point roll cage systems** is required, which must include:
 - **Front and rear down bars**
 - **Side intrusion bars**
 - **A main hoop** that encloses the driver's compartment.

DIMENSIONS AND CONFIGURATION

The roll cage must meet specific dimensional requirements to ensure maximum safety:

Main Hoop Height:

- The main hoop must extend at least **3 inches above the driver's helmet** when seated in the driving position.

Cross Bracing:

- Mandatory **X-bracing** or equivalent in the rear and diagonal supports is necessary for improved rigidity. The placement of these braces should not interfere with driver accessibility.

SAFETY RECOMMENDATIONS

To enhance overall safety during the event, the following recommendations should be considered:

Padding Requirements:

- It is mandatory to install approved padding on all areas of the roll cage that are within reach of the driver to minimize injury risk.

Welding Standards:

- All structural joints must be **fully welded** using a continuous bead to ensure strength. Bolt-in designs are strictly prohibited to maintain stability during an impact.

Inspection Compliance:

- Roll cages must undergo a thorough inspection by event officials prior to each race to confirm compliance with safety standards. Any deficiencies must be addressed before participation is allowed.

By adhering to these specifications and recommendations, participants contribute to a safer racing environment for themselves and others involved in the Crown Vics 2025 event.

SEATING AND SAFETY BELTS

SEATING ARRANGEMENTS

For the Crown Vics 2025 event, proper seating arrangements are pivotal to ensuring driver comfort and safety. Participants must comply with the following requirements:

Approved Seating Types:

- Only approved racing seats designed for competitive use are allowed. They must meet safety certifications such as SFI (Sustainable Forestry Initiative) or FIA (Fédération Internationale de l'Automobile).

Mounting Specifications:

- Seats must be securely mounted to the chassis using bolt-in designs. Substandard or makeshift installations are strictly prohibited to prevent failure during the race.

SAFETY BELTS

Utilizing suitable safety belts is mandatory for all participants to enhance occupant protection. The following specifications apply:

Harness Requirements:

- A **minimum of a five-point harness** is required for all drivers. This must encompass over-the-shoulder straps and a crotch strap to secure the driver effectively in the seat.

Installation Regulations:

- Safety belts must be installed as per the manufacturer's guidelines. All belts should be free from frays, tears, or damage and must be replaced every two seasons, irrespective of usage.

REQUIREMENTS FOR MINORS

Special provisions are in place for participants under the age of 18:

Parental Consent:

- All minors must have parental consent forms completed and submitted prior to the event.

Safety Devices:

- It is mandatory for minors to use additional safety devices, such as head and neck restraint systems, to enhance protection. These devices should conform to industry standards and be properly anchored to the vehicle.

By following these seating and safety belt regulations, participants can ensure a safer racing environment, optimizing both driver comfort and vehicle integrity during the Crown Vics 2025 event.

BODY AND INTERIOR MODIFICATIONS

MODIFICATIONS REGULATIONS

In the Crown Vics 2025 event, specific guidelines govern allowable body and interior modifications to maintain safety and fairness among participants. The primary focus lies in the removal of certain components and the proper covering of any holes left behind.

Removal of Components:

- Participants are permitted to **remove non-essential items** from the interior of the vehicle to reduce weight. This includes:
 - Carpeting
 - Headliners
 - Non-functioning electronic components

Covering Holes:

- Any holes created from the removal of components must be **properly covered**. This is to ensure the vehicle's structural integrity and to provide a finished appearance. Acceptable materials for covering holes include:
 - Sheet metal
 - Heavy-duty plastic

PROHIBITED MODIFICATIONS

Excessive modifications that alter the vehicle's original design or safety features are strictly prohibited. These include:

Chassis Alterations:

Modifications to the chassis are not allowed, safeguarding the vehicle's original design and performance characteristics.

Reinforced Structures:

No additional supports or reinforcements that may affect the vehicle's balance and performance can be added.

AESTHETIC CHANGES

While performance and safety are prioritized, aesthetic changes to the vehicle's exterior should remain within the following parameters:

• Paint and Graphics:

Custom paint jobs and graphics are allowed, provided they do not compromise safety features or violate event branding regulations.

By adhering to these body and interior modification rules, participants can ensure compliance with event standards while maintaining the crucial elements of safety and uniformity throughout the Crown Vics 2025 event.

STEERING AND DASHBOARD REGULATIONS

STEERING COLUMN LIMITATIONS

In the Crown Vics 2025 event, the steering system must remain as close to the factory specifications as possible to ensure safety and control during races.

Participants must adhere to the following rules regarding steering column modifications:

- **Alterations Prohibited:**

- **No Custom Steering Columns:**

- Modifications to the steering column, including the use of aftermarket components or extensive adjustments, are strictly prohibited.

- **Factory Components Required:**

- Only the original equipment manufacturer (OEM) steering column and components are allowed.

DASHBOARD MODIFICATIONS

The dashboard is also subject to regulations to maintain safety and consistency among vehicles. Important points include:

Airbag Removal:

- **Mandatory Deactivation:**

- Airbags must be **fully removed** from all participating vehicles. Vehicles that still have active airbags will not be permitted to race.

Dashboard Integrity:

- **Minimal Alterations:**

- While the dashboard can be modified for safety (e.g., removal of sharp edges), extensive customization that poses a risk or alters the controlling instruments is not allowed.

Control Accessibility:

- **Easy Access Required:**

- Participants must ensure that all necessary controls and instruments remain easily accessible and functional throughout the race.

These regulations help ensure that all vehicles maintain a consistent level of safety and performance during the Crown Vics 2025 event, protecting participants and upholding competitive integrity.

WINDSHIELD SPECIFICATIONS

ACCEPTABLE WINDSHIELD TYPES

For the Crown Vics 2025 event, the following specifications must be adhered to regarding windshield requirements:

- **Material Standards:**
 - **Factory Glass:** Transparent glass from the original manufacturer is required.
 - **Lexan/Polycarbonate:** If using Lexan or similar materials, it must clear the equivalent strength and visibility of factory glass.

MODIFICATIONS ALLOWED

Modifications to the windshield area are limited to ensure driver safety. Participants may implement the following:

- **Vertical Bars:**
 - **Installation Permitted:** Two vertical bars may be added to provide extra structural stability. These must not obstruct the driver's visibility.

PROHIBITIONS

The following modifications are strictly prohibited to maintain safety standards:

- **Windshield Removal:**
 - Completely removing the windshield is not allowed.
- **Tinting or Obstruction:**
 - Any tinting that reduces visibility or non-permitted obstructions is prohibited.

Compliance with these specifications is essential for ensuring safe racing conditions during the Crown Vics 2025 event.

BATTERY REQUIREMENTS

PLACEMENT AND MOUNTING

Proper battery placement and secure mounting are critical for safety during the Crown Vics 2025 event. Participants must adhere to the following guidelines:

Location:

- The battery must be securely mounted in the trunk of the vehicle, at the rear, or within the designated battery compartment.

Mounting Procedures:

- Use a **minimum of two mounting brackets** to secure the battery. These should be made of metal and designed to withstand vibration and shocks during racing.

SAFETY PRECAUTIONS

To ensure reliability and minimize risks, the following safety precautions must be observed:

Battery Type:

- Only **lead-acid batteries** are allowed. Gel or lithium batteries are strictly prohibited due to safety concerns.

Protection Measures:

- All battery terminals must be fitted with protective covers to prevent accidental contacts.
- **Ventilation:** Ensure that the battery is properly vented to the outside to avoid gas buildup.

By adhering to these specifications, participants can enhance the safety and performance of their vehicles during the Crown Vics 2025 event.

POWER/FUEL PUMP KILL SWITCH MANDATE

IMPORTANCE OF THE KILL SWITCH

The installation of a power/fuel pump kill switch is mandatory for all vehicles participating in the Crown Vics 2025 event. This critical safety feature is designed to immediately cut power and fuel supply in case of an emergency, thereby minimizing the risk of fire and enhancing overall safety for drivers and officials on the track.

SPECIFICATIONS AND PLACEMENT

Location:

The kill switch must be easily accessible from outside the vehicle, typically mounted on the driver's side for quick reach during emergencies.

Wiring Requirements:

All wiring associated with the kill switch must be securely routed and insulated to prevent accidental disconnection or short-circuiting.

Functional Testing:

Participants are required to conduct operational tests of the kill switch before each event, ensuring it functions correctly under race conditions.

Ensuring the proper installation and functionality of the kill switch is not only a compliance measure but a vital step toward creating a safe racing environment during the Crown Vics 2025 event.

BUMPERS REGULATIONS

ALLOWED MATERIALS

Bumper modifications in the Crown Vics 2025 event must adhere to strict guidelines to ensure safety and maintain the integrity of the vehicles. The following materials are permitted for bumper construction and modifications:

Steel Bumpers:

Only OEM steel bumpers can be used. Participants are permitted to reinforce these bumpers for added durability.

Aluminum Components:

Light-weight aluminum may be employed in bumper modifications, provided it meets safety standards and does not compromise structural integrity.

SAFETY RECOMMENDATIONS

To ensure participant safety, all bumper modifications should reflect the following recommendations:

Design Modifications:

- **Protective Padding:** Adding standard protective padding is encouraged to minimize injury risk during collisions.
- **Structural Stability:** Modifications should reinforce the bumper's design without increasing the risk of detachment during an impact.

Attachment Methods:

- **Secure Mounting:** Bumpers must be firmly secured to the vehicle's frame using bolts and brackets that are rated for racing use.
- **Inspection Compliance:** All bumpers will undergo inspection before the event to verify compliance with safety standards.

VERIFYING COMPLIANCE

Participants must have documentation to prove their bumper modifications meet the event regulations. A thorough pre-race inspection will ascertain adherence to these guidelines, with serious penalties for non-compliance being strictly enforced to maintain competitive fairness and safety.

HOOD AND TRUNK LID SPECIFICATIONS

MODIFICATIONS GUIDELINES

For vehicles participating in the Crown Vics 2025 event, adhering to specific hood and trunk lid modifications is crucial for safety and compliance. Participants must ensure the following requirements are met:

Hood Requirements:

- **Functional Venting:**
Hoods must feature adequate ventilation to facilitate engine cooling.

Approved vent styles include functional vents or approved scoop designs that do not obstruct driver visibility.

- **Secure Latching:**

Hoods must be securely fastened using OEM latches. Additional safety pins are recommended for enhanced security during races to prevent any unintended opening.

Trunk Lid Specifications:

- **Weight Considerations:**

The trunk lid must be constructed with lightweight materials to meet weight-check regulations. Aftermarket carbon fiber or fiberglass replacements are permitted as long as they comply with safety guidelines.

- **Access for Inspections:**

The trunk lid must include an opening mechanism allowing quick access for tech officials to perform weight checks and inspection of components within.

MANDATORY COMPONENTS

To ensure participant safety and compliance with event standards, the following components are mandatory for both hood and trunk lids:

- **Safety Sealing:**

All modifications must ensure that no sharp edges or protrusions threaten driver safety or other competitors. Any openings created must be covered with appropriate materials like mesh or solid plates.

- **Race No. Visibility:**

Competitors must display their race numbers clearly on both the hood and trunk lids to ensure visibility for officials.

Adhering to these guidelines will foster a safe and fair racing environment during the Crown Vics 2025 event.

REAR SPOILER REGULATIONS

MATERIAL AND DIMENSIONS

For the Crown Vics 2025 event, rear spoilers are subject to specific regulations to maintain competitive equity and safety. Participants must conform to the following requirements regarding materials and dimensions:

Material Requirements:

- Spoilers must be constructed from either **fiberglass or approved composite materials**. Metal spoilers are strictly prohibited.

Size Specifications:

- The maximum allowed height for rear spoilers is **8 inches** when measured from the rear deck.
- The overall width must not exceed **75% of the vehicle's overall width** to ensure compliance with competition standards.

ADDITIONAL BRACING REQUIREMENTS

To enhance stability, participants must adhere to these guidelines regarding rear braces:

- **Bracing Specifications:**
 - Any spoilers wider than 48 inches must be equipped with **bracing supports** attached to the vehicle frame.
 - These braces should be made from materials that withstand racing conditions and must not interfere with the driver's visibility or vehicle handling.

By adhering to these rear spoiler regulations, participants can ensure not only compliance but also the safe operation of their vehicles during the Crown Vics 2025 event.

TIRE SPECIFICATIONS

ALLOWED TIRE TYPES

To ensure a level playing field in the Crown Vics 2025 event, participants must adhere to the following tire specifications:

Tire Size Requirements:

- Only tires within the range of **225/70R15** to **235/70R15** are permitted.
- The aspect ratio must not exceed **70**.

Tire Types:

- **Street-approved tires** are mandatory. Racing slicks or any form of competition tires that are not street-legal are strictly prohibited.

PROHIBITED PERFORMANCE ATTRIBUTES

To maintain safety and standardization, the following tire performance attributes are disallowed:

Tread Patterns:

- Tires must have a **minimum tread depth of 2/32 inches**. Worn tires with insufficient tread depth are not permitted.

Modifications:

- Any alterations such as tire grooving or siping (cutting grooves into the tread) to enhance grip or performance are prohibited.

Non-Compliant Materials:

- Tires composed of materials designed for racing (e.g., compound-specific racing tires) are expressly forbidden.

Adherence to these tire specifications will help ensure fair competition and safety for all participants in the Crown Vics 2025 event.

RIM REQUIREMENTS

SPECIFICATIONS OVERVIEW

For the Crown Vics 2025 event, participants must comply with specific rim specifications to uphold safety and uniformity among all vehicles. Key requirements include:

OEM Matching Sizes:

- All rims must match the **original equipment manufacturer (OEM)** sizes corresponding to the eligible vehicle models. This will ensure consistent handling and performance across the board.

Wheel Spacers Prohibited:

- The use of **wheel spacers** is strictly prohibited. This measure is enforced to prevent any alterations that could adversely impact vehicle handling, increase the risk of failure, or create an unfair competitive advantage.

ADDITIONAL GUIDELINES

Adhering to the following guidelines is essential to maintain compliance:

Weight Limits:

- Rims should comply with the OEM weight specifications to avoid exceeding performance thresholds detrimental to safety.

Inspection Requirement:

- All rims must undergo inspection prior to the event. Non-compliant rims will not be permitted to race, ensuring a fair and safe competition environment for all participants.

SAFETY EQUIPMENT REQUIREMENTS

MANDATORY SAFETY GEAR

For participants in the Crown Vics 2025 event, the following safety equipment is essential to minimize risks and ensure compliance with safety protocols:

Fire Suits:

- Must be made of **flame-retardant materials** and adhere to **SFI 3.2A/5** specifications or equivalent.
- Multi-layer suits are recommended for enhanced protection.

Helmets:

- Helmets must meet or exceed **Snell SA2015** or **SA2020** standards.
- A full-face design is strongly recommended to provide maximum protection during collisions.

Gloves:

- Drivers must wear **flame-retardant gloves** that comply with **SFI 3.3** standards.

- Gloves should fit snugly to allow for optimal control over vehicle steering.

Communication Devices:

- Each vehicle must be equipped with a **functional communication device** to maintain contact with pit crews and event officials.
- Recommended systems include two-way radios that enable clear communication throughout the race.

ADDITIONAL REQUIREMENTS

Homologation:

All safety equipment must be properly certified and must display the required certification labels, ensuring they meet established safety standards.

Inspection Compliance:

Prior to participating in the race, all equipment must undergo a mandatory inspection by event officials to verify compliance with safety regulations.

Adhering to these safety equipment requirements is crucial for all participants, providing a protective framework designed to enhance safety during the Crown Vics 2025 event.