

# ***SPEC P71 RACING SERIES***

Synopsis: Spec P71 Racing Series is a Time Attack style series based in Southern California specializing in the usage of Ford's Panther platform (1992-2011) based vehicles. The racing series is designed as a cost effective introduction into racing at the track.

Modifications:

*The following modifications are the only modifications allowed, if it is not explicitly stated, it is not allowed.*

- A) Allowed Vehicles
  - a. 1992-2011 Ford Crown Victoria
  - b. 1992-2011 Mercury Grand Marquis
  - c. 1992-2011 Lincoln Town Car
- B) Performance Packages
  - a. *One of the two following packages may be chosen to help increase performance of your vehicle in class. **Only one package may be chosen, not both.***
    - i. Power Package
      - 1. Apocalypse Performance - Camshaft Upgrade
        - a. Spec P71 Specific Grind
          - i. <https://apocalypseperformance.com/spec-p71-race-series-camshafts/>
      - 2. Steeda Underdrive Pulley Kit
        - a. ARP 4.6L Harmonic Balancer Bolt
    - ii. Handling Package
      - 1. ADTR Front and Rear Swaybar Kit
        - a. Energy Suspension Swaybar Endlinks
        - b. Energy Suspension Swaybar Bushings
      - 2. SPC Performance Alignment Bolt Kit
  - b. ***Partially fulfilled packages are allowed. (Ex: Front Swaybar, but no rear swaybar)***
- C) Engine – OE or OE Equivalent Iron Block 4.6L 2v Only
  - a. OEM or Aftermarket drop-in Air Filter for the stock airbox (No cold air induction allowed)
  - b. Reflash and Reprogramming of the OE ECU is allowed
  - c. Exhaust
    - i. Headers
      - 1. OE or OE Equivalent Exhaust Manifolds are allowed
        - a. Must attach to OEM mid-pipe without modification
    - ii. Catalytic Converters
      - 1. OE or OE Equivalent catalytic converters must be retained
      - 2. Removing Catalytic Converters of any number is not allowed
    - iii. Mufflers
      - 1. Mufflers may be removed or replaced
      - 2. Exhaust Silencers / Baffling may be used to meet sound limitations
    - iv. Exhaust Piping
      - 1. Exhaust must exit aft of the front doors as viewed from the side

- D) Transmission – Must be an OEM transmission from the same generation of Panther it is going into.(1992-1997) or (1998-2011)
  - a. J-Mod Valve Body is allowed
  - b. LPW Deep Transmission Pan is allowed
    - i. Part#: LPW 501-AOD
  - c. B&M Supercooler Transmission Cooler is allowed
    - i. Part#: BM-70264
      - 1. No modifications to the bodywork or chassis of the vehicle are allowed outside of what is required in the instruction manual.
  - d. No manual transmissions allowed
- E) Differential – OEM Ford T-Lok or Open Differential Are Allowed and may be interchanged
  - a. Welded Diffs are allowed
  - b. Gearing changes are allowed
    - i. 2.73, 3.08, 3.27, or 3.55 Rear End Gearing Only
  - c. Ford Performance Axle Covers are allowed
    - i. Part#: DR3Z-4033-B
    - ii. Part#: M-4033-KA
- F) Suspension
  - a. OEM or OE equivalent shocks and springs are allowed
    - i. KYB, Bilstein, and Koni shocks are not allowed
  - b. Any Spring/Shock Combination from the same generation of Panther can be interchanged
    - i. No Airbag suspension is allowed
  - c. Alignment
    - i. Camber/Caster/Toe Adjustment is unrestricted using OEM adjustment methods
      - 1. No aftermarket camber bolts or other hardware may be used to widen adjustment range
  - d. Aftermarket Rear Control Arms (Upper and Lower) - Any required associated hardware to facilitate installation is allowed (relocation brackets, etc.). No modifications are allowed outside of what is required for the install; reinforcing the chassis mounting points is prohibited.
    - i. The following control arm brands may be used
      - 1. Massive Speed Systems
      - 2. CorteX Racing
      - 3. Metco
      - 4. Heinous
      - 5. OEM or OE Equivalent
  - e. Watts Link Assembly
    - i. ARP Hardened Watts Link Stud is allowed
      - 1. <http://adtr.net/>
    - ii. Watts Link Arms - Any replacement hardware for the OEM watts link control arms may be used. No modifications are allowed to facilitate fitment.
      - 1. The following Watts Link Arm brands may be used
        - a. Massive Speed Systems
        - b. CorteX Racing
        - c. Metco
        - d. OEM or OE Equivalent
- G) Brakes

- a. Any Gen 1 (1992-1997) or Gen 2 (1998-2011) braking system is allowed, but must be present in its entirety - No partial swaps
  - b. Aftermarket Brake Rotors are acceptable given they are OEM diameter and thickness
  - c. Brake Pads are Unrestricted
  - d. Brake Lines may be updated to Stainless Braided
    - i. From Caliper to chassis only
  - e. Brake Rotor Dust Shields may be removed
  - f. Brake Bleeding Orifices (ex. Speed Bleeders) are allowed
  - g. Brake Fluid is unrestricted
- H) Wheels/Tires:
- a. Any Steel 17x7.5" Wheel offered for 2005-2011 Panthers must be used
    - i. 1992-2002 Panthers may use wheel spacers for proper wheel fitment
      - 1. H&R Hubcentric 40mm Wheel Spacers are required (Part#8065705)
    - ii. 235/55/17, UTQG (Treadwear) 260 or higher tires must be used
    - iii. Replacement Lug Studs/Nuts may be used
    - iv. Wheel Spacers are explicitly not allowed
- I) Interior
- a. Both Driver and Passenger Seats must be present
    - i. Seats must have a full back that reaches to vertical mid-point of the back of driver's helmet in racing position
    - ii. Aluminum Seats must have brace or reinforcement for the seatback
  - b. Rear Seat (Prisoner or OEM Civilian) is required
  - c. Rollbars and harnesses are allowed
    - i. No 4-point harnesses unless Schroth ASM Certified
    - ii. All harnesses must be affixed to a rollbar if 5 or 6 point race harness
  - d. Law enforcement/Taxi additions are allowed [and encouraged] but may also be removed
    - i. Any holes left behind by police/taxi equipment (radio, spotlights, etc.) may be filled.
  - e. Spare tire and jack may be removed
- J) Exterior
- a. Law Enforcement and Taxi Additions are Allowed [and encouraged] but may also be removed
    - i. Ex: Pushbar, lightbar, antennas, etc.
      - 1. Any holes left behind by police equipment may be filled or plugged
        - a. The filler/plug may serve no purpose other than filling the hole left behind
  - b. Aftermarket Headlights and Taillights are allowed
    - i. Headlight/Taillight replacements must be identical in shape/size/location as OEM
  - c. Hood Vents are allowed provided they are the following:
    - i. Carter's Customs 3pc. GT4 Style Hood Vents
    - ii. OEM California Highway Patrol Hood w/ vents
  - d. No modifications to the bodywork of the vehicle are allowed outside of what is required in the instruction manual for law enforcement or taxi additions or removal
- K) Convenience Items
- a. The following items may be added, removed, or replaced
    - i. Window Tint
    - ii. Center Console

- iii. Audio (Head Unit [Radio], speakers, subwoofers, etc.)
- iv. Glove box Compartment
- v. Rear View Mirror (Interior)
- vi. Headlight and Taillight Covers are allowed
- vii. Steering Wheel Replacements are unrestricted

L) Protests

- a. The protester has two options when filing a protest:
  - i. Easily Verified Protests - Anything that can be verified on the spot by popping the hood, checking the interior, or underside of the car without removing any parts
    - 1. In order to file a protest, the protester must put forth a \$100.00 deposit. If the car is not within spec - the protester gets the full deposit back and the protestee is disqualified from the event. If the car is found within series spec, the protester forfeits the \$100.00 deposit to the protestee.
  - ii. Complex Protests - Anything that requires tear down or removal of parts to verify
    - 1. In the event that a protester believes a competitor's vehicle is not within spec, a complex protest can be made. A complex protest allows the protester to buy the protestee's vehicle for \$6,000. The Protestee has the following options during a complex protest:
      - a. Accept \$6,000 from protester to relinquish vehicle
      - b. Refuse Offer and accept disqualification
        - i. Disqualification applies to the single event

Class Requirements:

- 1) Minimum Weight: 3900lbs
  - a. Ballast may be added only to the trunk area
    - i. Must be solidly affixed to trunk floor or spare tire area
- 2) SA2015 or newer helmet required