



**Date of Creation:** March 11, 2024

**Class Name:** Most Wanted

**Class Promoter:** Virginia Motorsports Park

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The Most Wanted Series is a category with all power adders permitted, meeting the specific rules, regulations and practices of the category as listed below. Most Wanted is contested on a .400 Pro tree, no scoreboards and timeslips will be split with only your incrementals and elapsed times recorded, racing to the eighth-mile finish line (660 feet).

**CLASS DESIGNATION:**

MW followed by car number.

**RACE PROCEDURES:**

Certain shootouts will begin with a 10-mile roundtrip cruise which will start and finish in the staging lanes of the facility. Upon returning to the facility, there can be no jacks in the staging lanes. Generators to charge batteries are permitted, hoods and trunks may be opened. No changes can be made outside of tire pressure and any safety measures that could have occurred on the cruise. An official will be overlooking the staging lanes during this process. Any breaking of the rules will see a car immediately fall to the bottom of the list or forfeit their round in the shootout, which will end their afternoon. Other shootouts will not have a cruise and just begin with normal staging lane procedures. Courtesy staging is always in effect.

**BODY:**

All OEM body panels, can be equipped with fiberglass/carbon fiber hood, decklid and bumpers only. Roof, quarter panels, fenders and doors must be OEM. OEM firewall must be in the stock location. OEM glass must be used, Lexan can only be used for back window on a truck only for roll cage protrusion. Cowl induction hoods are permitted, no aftermarket forward-facing scoops of any kind. Factory equipped vehicles with a hood scoop or modifications are permitted. Centrifugal supercharger/turbocharger fresh air inlets are not permitted. All power adders must be contained under the hood, no protruding combinations to achieve fresh air intake. Headlights and taillights must be in the car and functional.

**CHASSIS:**

Back half cars are permitted. No full tube chassis, no wheelie bars. Cars with bolt-in front end are permitted but must have frame rails to the center of the rear wheel opening if equipped with aftermarket bolt-in front end. All entries must maintain a wheelbase of +/- 1 inch from OEM specifications.

**ELECTRICAL:**

A maximum of two batteries is allowed. Any battery-operated ignition system and distributor drive system is permitted. An operational master cut-off switch is mandatory. Computer/data recorders are permitted and must standalone.

**ENGINE/EXHAUST:**

Engine has no limitations. Any power adder is permitted except for screw superchargers, SINGLE power adder only. Big Blocks with nitrous oxide are limited to two kits. Turbochargers are limited to 88mm maximum on single turbocharged combinations. Twin turbocharged combinations are limited to 72mm maximum sizing. All power adders must be contained under the hood, no holes or protrusions in the hood. All entries must be self-starting with an on-board starter. Gasoline, racing fuel or E85 only, no methanol or nitromethane additives. Meth/water injection is permitted. Exhaust must exit under the car; no fender exits or zoomie style headers. Mufflers are required on all entries, except for turbocharged.

**INTERCOOLER:**

All boosted entries are permitted to use one intercooler, can either be air-to-air or air-to-water. Water and/or ice are the only agents allowed to be used with intercoolers.

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**INTERIOR:**

Interior must maintain a factory appearance. Stock style dash permitted, two seats are required, may be aftermarket equipped. Cars must also be equipped with door panels, may be aftermarket. Floor and transmission tunnel must be covered, no open transmission tunnels. Must have carpet.

**SAFETY:**

All entries are requested to have an oil retention device (engine diaper or belly pan). All drivers must comply with the NHRA safety rules for their vehicle, including in-date seat belts, helmet, fire jacket, fire pants, etc.

**STREET EQUIPMENT:**

Valid driver's license and must be operational street equipment including working headlights, taillights and brake lights.

**TOW VEHICLES:**

There will be no tow vehicles during competition, drive to the lanes, drive back from the runs. If any entry is caught using a tow vehicle for any reason other than breakage, the entrant will be removed from the list. Entry can be trailered into and out of the facility but must move under its own power during event hours, beginning with the cruise (when mandatory) and ending with the conclusion of the event.

**TRANSMISSION:**

OEM style automatics and h-pattern manual transmission only.

**WHEELS/TIRES:**

Any size DOT tire is permitted. No slicks, no hard street tires. Aftermarket racing wheels are permitted.