



2024 MRA FAST TRACK CLASS RULES

GLOSSORY OF TERMS

The word MAY: is used for the purpose of saying the user may or may do as the rule reads, (i.e.) the battery *May* be relocated.

The word SHOULD: is used for the purpose of saying the user should do as the rule says in order to comply, (i.e.) *Exterior body panels should retain a stock appearance.* Meaning it does not need to be an exact duplicate of the original body in order to comply.

The word SHALL: Means it shall be as stated (i.e.) Driver *shall* sit in stock location. (*Center seat positions NOT permitted*). Meaning no options.

OEM: Original Equipment Manufacture Specifications.

OEM type or style: Means similar designs to Original Equipment Manufacture specifications - But may be produced by any aftermarket manufacture.

NOTES:

- 1). *Four (4) wheel drive mandatory on All vehicles in All classes.*
- 2). *Tire diameter will be determined by factory stamp on side wall.*



2024 MRA - SUPER STOCK (FT)

GENERAL OVERVIEW:

This all-motor class is intended for four-wheel drive trucks and Jeeps that have been modified for competition but still utilize mostly stock OEM components. Although they are primarily competition vehicles and need not be street legal, they should appear stock. Engine swaps and body swaps are allowed as per class rules.

BODY (Super Stock) (FT)

- 1) *Any model jeep or truck, stock steel body or OEM (street weight) equivalent fiberglass body parts required (No Race Bodies, fiberglass replacement parts should closely match the OEM specifications in design).*
- 2) *Wheelbase must match vehicle, model, and year +/- 2"
(No altered wheelbase vehicles allowed.)*
 - a) *Body must match wheelbase*
- 3) *Inner structure of bed sides, bed floors, and wheel tub may be replaced, but must be present*

With the following exceptions:

 - 3a) *Tailgate may be removed. Front fender wells may be removed.*
 - 3b) *Removal of inner steel structures is allowed on front fenders and hood only.*
 - 3c) *One-piece fiberglass front clip allowed*
(Should closely match the OEM specifications)
 - 3d) *Fender cutting / trimming permitted for tire and header clearance.*
 - 3e) *Firewall may be modified for engine clearance only (but not replaced or relocated).*
 - 3f) *Engine set back can be no further back than the #1 plug over center of front axle*



- 4) *Shall retain factory floor pan. Floor pan or tub shall Not be removed, replaced or relocated. (Floor may be modified for drive train clearance).*
- 5) *Flatbeds - Minimum dimensions: Should be the same width as the cab and extend to the rear most part of the frame and substantial enough to carry cargo.*
- 6) *Windshield and side glass required (Lexan or equivalent acceptable). Rear window may be removed for roll cage/bar clearance.*
- 7) *Headlights and taillights are not required.*
- 8) *Bumpers are not required.*
- 9) *Mirrors are not required.*
- 10) *Removal of OEM interior trim pieces allowed (i.e.) seat, headliner, door panels, carpet, dash and other trim pieces may be removed. (No removal of inner steel structures /panels allowed).*
- 11). *Race seat(s) of metal construction allowed, with the addition of a SFI approved 5-point safety harness.*
- 12). *Driver shall sit in stock location. (Center seat positions NOT permitted).*
- 13). *Exterior body panels should retain a stock appearance.*



CHASSIS: (Super Stock) (FT)

- 1) Any unmodified OEM factory frame or frame rails bumper to bumper. Shall retain two (2) stock cross members, (Relocating of cross member(s) allowed, Modifications allowed). Unused brackets and cross members may be removed at the discretion of the builder.
- 2) A 6-point roll cage is required. **(See general rules).**
- 3) Rear suspension must be leaf-spring unless equipped otherwise from the factory.
- 4) Ladder bars allowed. (No 3-link, No 4-link suspensions).
- 5) Front suspension may be OEM leaf-spring, coil & radius, or IFS. (Other front suspension styles permitted if OEM for that vehicle).
- 6) NO Coil over shocks OR Coil over suspensions.
- 7) Leaf-spring vehicles shall have at least one functional leaf spring per spring pack. Floaters/Sliders are permitted.
- 8) Any OEM front and rear differential (axles) allowed. (Modifications allowed).
- 9) Enclosed After Market Transfer Case w/Enclosed Chain Drive Permitted
- 10) Any OEM Transmission allowed (modifications and transmission brakes allowed). SFI approved case & bell housing or shielded. **(See general rules).**
- 11) Fuel cell, battery, and radiator may be relocated. **(See general rules for mounting specifications).**
- 12) Brakes are required on both front and rear axles (Pinion brakes allowed), dual master cylinder or OEM style dual reservoir master cylinder required.
NOTE: 4-wheel brakes are highly recommended. (See General Rules).
- 13) Maximum 46.5" DOT Cut Tires.
- 14) Minimum weight with driver:
 - 14a). Big block equipped vehicles - 3,600 lbs.
 - 14b). Small block equipped vehicles - 3,300 lbs.



ENGINE: (Super Stock) (FT)

- 1) Any OEM type automotive engine.
 - a. Cast Iron and/or Cast Aluminum
 - i. 4.9" Bore Space
 - ii. 10.725 Maximum Deck Height
 - iii. Must Be Water Jacketed
 - b. No Billet Blocks
- 2) Conventional OEM style aftermarket aluminum heads allowed (modifications allowed).
- 3) NO aftermarket Pro-Stock style heads permitted. (No Chevy Big Block spread port style heads. No Ford C-heads or Thor heads. No Hemi Heads permitted). The following exceptions will be allowed:
 - 4a) Ford A-460 type heads are allowed.
 - 4b) Any aftermarket OEM type small block aluminum head allowed.
- 4) Cast aluminum intake only (No tunnel rams or sheet metal intakes)
- 5) Single gas carburetor only (No stretched or split Dominator carburetors). Single Predator or SV-1 carburetor allowed.
- 6) OEM fuel injection only.
- 7) Vacuum pumps and dry sumps allowed.
- 8) Fuel limited to race gas or any pump gas (E-85 allowed) or diesel fuel only. No Alcohol. No ethanol. Oxygenated fuels are allowed
- 9) **No power adders.** No Nitrous, No turbocharger(s), No superchargers. With the following exceptions:
 - 10a) Factory installed OEM turbochargers permitted on diesels only.
- 10) Competition exhaust allowed.

END OF MRA - SUPER STOCK (FT)



2024 MRA - PRO STOCK CUTS CLASS (FT)

GENERAL OVERVIEW

*Pro Stock is a naturally aspirated class intended for highly modified four-wheel drive trucks and jeeps. Competition chassis, race bodies and Pro Stock style engines. **Vehicles must meet all safety requirements for this class. (See General Rules).***

BODY: (Pro-Stock Cuts) (FT)

- 1) *Any model jeep or truck body allowed - should be recognizable.
 - a) *Fenders, doors and roof must be retained if originally OEM equipped.*
 - b) *No narrowing of driver's compartment*
 - c) *Must Resemble OEM factory appearance**
- 2) *Narrowing or bobbing of rear quarter panels allowed for tire clearance using the following guidelines:
 - a) *If narrowed, (panels between the tires) panels must extend to the end of the frame.*
 - b). *If bobbed, rear quarter panels must extend a minimum of 12" behind the cab**
- 3) *Hood and grill should be present.*
- 4) *Driver's seat may be moved forward or backwards but must set on left side of vehicle Maximum distance from the center of the front axle to the bottom of the driver's seat back shall not exceed 84inches. Center seat position not permitted.*
- 5) *A firewall and floor pan should be present protecting driver from engine and driveline components. Minimum 0.030 Steel or 0.060 aluminum recommended.*
- 6) *The firewall shall extend from door to door and from the floor pan to the dash bar.*



- 7) *The floor pan shall extend from door to door and front of the cab or tub to rear of the cab or tub (drivers' compartment).*

NOTE: *The floor pan and firewall shall be securely attached to each other and to the framework of the chassis.*

- 8) *Windshield, rear and side window glass and related hardware - Not required.*
- 9) *Race seats of metal construction permitted*



CHASSIS: (Pro-Stock Cuts) (FT)

Chassis material shall meet MRA's minimum requirements. **(See General Rules)**. However, these are minimum standards and do not imply nor guarantee a driver or vehicles safety.

- 1) The main frame rails of the chassis shall be constructed of a minimum of 0.080" square and/or rectangular steel tubing. Minimum dimensions of 2" X 3" or any factory frame or frame rails.

Additional frame guidelines:

- 1a) Minimum length of frame rails shall be from centerline of front axle to centerline of rear axle.
- 1b) Round tube can be used for additional bracing.
- 1c) Back half chassis allowed.
- 2) Minimum standard is an 8-point roll cage to include funny car style cage in the driver's compartment. **(See General Rules)**
- 3) Any type suspension allowed.
- 4) Any type OEM or aftermarket chain or gear drive transfer set ups allowed
- 5) Any type Transmission allowed, modifications allowed (automatics must be shielded or SFI case)
- 6) Any OEM style front and rear differentials allowed. Modifications allowed.
- 7) 4-wheel brakes mandatory, dual master cylinder or OEM style dual reservoir master cylinder required.
- 8) Fuel cell, radiator and battery may be relocated (**must meet General Rules**).
- 9) Maximum 46.5" DOT cut tires only.
- 10) Maximum wheelbase 130".
- 11) Minimum weight with driver:
 - a) 2,850 lbs. For big block equipped vehicles
 - b) 2,500 lbs. For small block equipped vehicles.



ENGINE: (Pro-Stock Cuts) (FT)

- 1) Any OEM type automotive engine
 - a) Cast Aluminum Blocks
 - 1) 4.9" Bore Space Maximum
 - 2) 10.725 Maximum Deck Height
 - 3) May have Fuel Injection
 - 4) Maximum of 8 barrels of Carburetion
 - 5) Must Be Water Jacketed
 - 6) No Billet Blocks
 - b) Big Block Cast Iron
 - 1) 4.9" Bore Space Maximum
 - 2) 10.725 Maximum Deck Height
 - 3) May Have Fuel Injection
 - 4) Maximum of 8 Barrels of Carburetion
 - 5) Must Be Water Jacketed
 - c) Big Block Cast Iron
 - 1) 4.9" Bore Space Maximum
 - 2) 12.3 Maximum Deck Height
 - 3) Must Be Water Jacketed
 - 4) Maximum of 4 Barrels of Carburetion (Split and Stretched Dominators allowed, Single Predaor or Single SV-1 allowed)
- 2) Engine placement - engine shall be relocated a maximum of 12 inches back from the centerline of the front axle tube to the #1 sparkplug.
- 3) Any automotive type of cylinder head allowed.
- 4) Any automotive type carbureted intake manifold allowed (sheet metal intakes allowed)
- 5) Vacuum pumps and dry sumps allowed
- 6) No power adders. No Nitrous, turbochargers or superchargers.
- 7) Any Racing Gas, Alcohol/Methanol, or Oxygenated Fuels allowed. No Nitro Methane. (Specific Gravity Tolerances Shall Not Exceed .817 @60°)

END OF MRA - PRO STOCK CUTS (FT)



2024 MRA - OUTLAW PRO-STOCK CLASS (FT)

GENERAL OVERVIEW

Although naturally aspirated combinations are allowed - This is primarily a nitrous class intended for highly modified four-wheel drive trucks and jeeps. Competition chassis, race bodies and pro stock style engines.

Vehicles must meet all safety requirements for this class. (See general rules).

BODY: (Outlaw Pro-Stock) (FT)

- 1) Any full body allowed - should be recognizable.
 - a) Fenders, doors and roof must be retained if originally OEM equipped.
 - b) No narrowing of Driver's Compartment
 - c) Must resemble OEM factory appearance
- 2) Narrowing or bobbing of rear quarter panels allowed for tire clearance using the following guidelines.
 - a) If narrowed, (panels between the tires) panels must extend to the end of the frame.
 - b) If bobbed, rear quarter panels must extend a minimum of 12" behind the cab.
- 3) Hood and grill should be present.
- 4) Driver's seat may be moved forward or backwards but must set on left side of vehicle. Maximum distance from center of front axle to the bottom of the seat back shall not exceed 84". Center Seat Positions **NOT** Permitted
- 5) A firewall and floor pan should be present protecting driver from engine and driveline components. Minimum 0.030 Steel or 0.060 aluminum recommended.
- 6) The firewall shall extend from door to door and from the floor pan to the dash bar.
- 7) The floor pan shall extend from door to door and front of the cab or tub to rear of the cab or tub (drivers' compartment). **NOTE:** The floor pan and firewall shall be securely attached to each other and to the frame work of the chassis.
- 8) Windshield, rear and side window glass and related hardware - Not required.
- 9) Race seats of metal construction permitted.



CHASSIS: (Outlaw Pro-Stock) (FT)

Chassis material shall meet MRA's minimum requirements. **(See General Rules)**. However, these are minimum standards and do not imply nor guarantee a driver or vehicles safety.

- 1) The main frame rails of the chassis shall be constructed of a minimum of 0.080" square and / or rectangular steel tubing. Minimum dimensions of 2" X 3" or round tube double frame rail construction with minimum 1 1/2" .083 lower bar and 1/14" .065 top bar or any factory frame or frame rails.

Additional frame guidelines:

- 1a) Back half chassis allowed.
- 2) Minimum standard is an 8-point roll cage to include funny car style cage in the driver's compartment. **(See General Rules)**
- 3) Any type suspension allowed.
- 4) Any type OEM or aftermarket chain or gear drive transfer set ups allowed.
- 5) Any type Transmission allowed, modifications allowed (automatics must be shielded or SFI case)
- 6) Any OEM style front and rear differentials allowed. Modifications allowed.
- 7) 4-wheel brakes mandatory, dual master cylinder or OEM style dual reservoir master cylinder required
- 8) Maximum 46.5" DOT tires with alterations (Cuts) allowed
- 9) Maximum wheelbase 130"



ENGINE: (Outlaw Pro-Stock) (FT)

- 1) Any type automotive engine
 - a) 5.3" Bore Space Maximum
 - b) Block Can Be of Solid Construction or Water JacketedPowers adders To Include: **Limit of one power adder only**
 - a) Nitrous
 - b) ProCharger
 - c) Turbo
 - d) Blower Motor limited up to Roots 1471 (No Screw Blowers Permitted)
- 2) Engine placement - engine shall be relocated a maximum of 12 inches back from the centerline of the front axle tube to the #1 sparkplug.
- 3) Any automotive type of cylinder head allowed.
- 4) Any automotive type carbureted intake manifold allowed (sheet metal intakes allowed).
- 5) Dual carburetors allowed gas or alcohol. (Split and stretched Dominators allowed, dual Predator or SV-1 style allowed)
- 6) Vacuum pumps and dry sumps allowed
- 7) Any racing gas, alcohol/methanol or oxygenated fuels allowed. (No Nitro methane). (Specific Gravity Tolerances Shall Not Exceed .817 @ 60 degrees)
- 8) Competition exhaust allowed.
- 9) Any type of fuel injection permitted



- 10) Minimum weight with driver up to 5" Bore Space Maximum w/**no power adder**:
 - a) Cast Iron Big Block equipped vehicles – 2,500 lbs.
 - b) Aluminum Big Block equipped vehicles – 2,500 lbs.
 - c) Small block equipped vehicles – 2,200 lbs.

- 11) Minimum weight with driver up to 5" Bore Space Maximum w/**one power adder**:

To Include Nitrous

 - a) Cast Iron Big block equipped vehicles – 2,650 lbs.
 - b) Aluminum Big Block equipped vehicles – 2,650 lbs.
 - c) Small block equipped vehicles - 2,500 lbs.

- 12) Minimum weight with driver up to 5" Bore Space Maximum w/**one forced induction power adder**:

To Include ProCharger, Turbo, Blower Motor limited up to Roots 1471 (No Screw Blowers Permitted)

 - a) Cast Iron Big block equipped vehicles – 2,800 lbs.
 - b) Aluminum Big Block equipped vehicles – 2,800 lbs.
 - c) Small block equipped vehicles - 2,500 lbs.

- 13) Minimum weight w/driver up to 5.3" Bore Space Maximum w/**one power adder**:
 - a) Cast Iron Big Block equipped vehicles—2,800 lbs
 - b) Aluminum Big Block equipped vehicles—2,800 lbs
 - c) Small Block equipped vehicles—2,500 lbs

******Please Note: The above weights are subject to change after some competitive times are established******

END OF MRA - OUTLAW PRO STOCK (FT)



2024 MRA - MODIFIED CUTS CLASS (FT)

GENERAL OVERVIEW

The Modified Cuts class is primarily an alcohol injected nitrous class which also allows naturally aspirated combinations. The class is intended for highly modified four wheel drive vehicles featuring full tube (rail) chassis vehicles. Any engine location and aluminum engine blocks are permitted. These vehicles need not resemble any factory produced vehicle.

Vehicles must meet all safety requirements for this class. (See general rules).

BODY: (Modified Cuts) (FT)

- 1) A body is required. It can be constructed from metal, fiberglass or plastic and can be any design. It should cover the driver's compartment of the vehicle.
- 2) A firewall and floor pan shall be present protecting driver from engine and driveline components. Minimum 0.030 Steel or 0.060 aluminum recommended.



CHASSIS: (Modified Cuts) (FT)

- 1) Chassis material shall meet MRA's minimum requirements. (See **General Rules**). However, these are minimum standards and do not imply nor guarantee a driver or vehicles safety. **Additional chassis guidelines:**
 - 1a) All rear engine vehicles require that the roll cage must extend forward of the driver's feet in order to provide adequate protection for the drivers compartment.
- 2) Any engine location allowed.
- 3) Any type suspension allowed
- 4) Any type of transmission
- 5) Any type transfer set up.
- 6) Any OEM style front and rear differentials allowed. Modifications allowed.
- 7) 4-wheel brakes mandatory, dual master cylinder or OEM style dual reservoir master cylinder required
- 8) Maximum 46.5" DOT tires with alterations (Cuts) allowed.
- 9) Vera Trac and similar sand tires are acceptable on front of the vehicle.
- 10) Maximum wheelbase 150 inches.
- 11) Minimum weight with driver up to 5" Bore Space Maximum w/No Power Adder:
 - a) Big Block Equipped Vehicles – 2150 lbs.
 - b) Small Block Equipped Vehicles – 1850 lbs.
- 12) Minimum weight with driver 5.1" Bore Space Minimum w/No Power Adder:
 - a) Big Block Equipped Vehicles – 2250 lbs.
 - b) Small Block Equipped Vehicles – 1850 lbs.



- 13) Minimum weight with driver up to 5" Bore Space Maximum w/Power Adder:
 - a) Big Block Equipped Vehicles – 2450 lbs.
 - b) Small Block Equipped Vehicles – 2150 lbs.

- 14) Minimum weight with driver 5.1" Bore Space Minimum w/Power Adder:
 - a) Big Block Equipped Vehicles – 2550 lbs.
 - b) Small Block Equipped Vehicles – 2150 lbs.

ENGINE: (Modified Cuts) (FT)

- 1) Any automotive type engine allowed. (Cast iron or aluminum block allowed).
 - a) 5.3 Bore Space
- 2) Any automotive type cylinder head allowed.
- 3) Sheet metal intakes allowed
- 4) Multiple carburetors allowed
- 5) Any aftermarket fuel Injection allowed.
- 6) Nitrous allowed.
- 7) Race fuel allowed
- 8) M-1, M-3, M-5 Alcohols allowed.
- 9) No nitro methane or similar fuel accelerators. (Specific Gravity Tolerances Shall Not Exceed .817 @ 60 degrees).
- 10) No turbochargers, No superchargers.
- 11) Competition exhaust allowed.

END OF MRA – Modified Cuts (FT)



2024 MRA – OPEN Paddles CLASS (FT)

GENERAL OVERVIEW

The Open Paddles class is primarily a supercharged alcohol injected, class which also allows turbochargers, nitrous, supercharges with nitrous and naturally aspirated combinations. The class is intended for highly modified four-wheel drive vehicles featuring full tube (rail) chassis vehicles. Any engine location and aluminum engine blocks are permitted. These vehicles need not resemble any factory produced vehicle.

Vehicles must meet all safety requirements for this class. (See General Rules).

BODY: (Open Paddles) (FT)

- 1) A body is required. It can be constructed from metal, fiberglass or plastic and can be any design. It should cover the driver's compartment of the vehicle.
- 2) A firewall and floor pan shall be present protecting driver from engine and driveline components. Minimum 0.030 Steel or 0.060 aluminum recommended.



CHASSIS: (Open Paddles) (FT)

- 1) Chassis material shall meet MRA's minimum requirements. **(See General Rules)**. However, these are minimum standards and do not imply nor guarantee a driver or vehicles safety.

Additional chassis guidelines:

- a). All rear engine vehicles require that the roll cage must extend forward of the driver's feet in order to provide adequate protection for the drivers compartment.
- 2) Any engine location allowed.
- 3) Any type suspension allowed
- 4) Any type of transmission
- 5) Any type transfer set up.
- 6) Any OEM style front and rear differentials allowed. Modifications allowed.
- 7) 4-wheel brakes mandatory, dual master cylinder or OEM style dual reservoir master cylinder required
- 8) Paddle Tires or Maximum of 46.5 DOT Tires with alterations (Cuts) allowed.
- 9) Vera Trac and similar sand tires are acceptable on front of the vehicle.
- 10) Maximum wheelbase 150 inches.
- 11) Minimum weight with driver **with power adder**
 - a) Big block equipped vehicles - 2450 lbs.
 - b) Small block equipped vehicles - 2150 lbs.
- 12) Minimum weight with driver and **No power adder:**
 - a) Big block equipped vehicles - 2150lbs.
 - b) Small block equipped vehicles - 1850lbs.



ENGINE: (Open Paddles) (FT)

- 1) Any automotive type engine allowed. (Cast iron or aluminum block).
- 2) Any automotive type cylinder head allowed.
- 3) **Power adders allowed:** Supercharger(s), turbocharger(s) and Nitrous allowed.
- 4) Any automotive type intakes allowed.
- 5) Any automotive type carburetion system allowed.
- 6) Any Aftermarket fuel Injection allowed
- 7) Race fuel allowed
- 8) M-1, M-3, M-5 Alcohols allowed.
- 9) No nitro methane or similar fuel accelerators, (Specific Gravity Tolerances Shall Not Exceed .817 @ 60 degrees)
- 10) Competition exhaust allowed.

END OF MRA – Open Paddles (FT)



2024 MRA-CONSISTENCY CLASS

GENERAL OVERVIEW:

This class is open to four (4) wheel drive vehicles. It is a competition to see who can run the two (2) most consistent times for their two (2) passes. After two runs, the difference between the two times is your consistency score.

(Example: truck #1 runs a 2.500 and a 3.500 his score is 1.000 - truck #2 runs a 6.805 and a 7.312 his score is 0.507 and is the winner).

*Vehicles must meet all safety requirements (see **General Rules**).*

*******OPTIONAL CLASSES*******

***Vehicles must meet all safety requirements for these classes.
(See General Rules)***

2024 MRA - MODIFIED PADDLES CLASS

GENERAL OVERVIEW

Same as MRA Modified Cuts with the exception that paddle tires are allowed.

2024 MRA - OPEN CUTS CLASS

GENERAL OVERVIEW

Same as MRA Open Paddles with the following exceptions:

- a) No Paddle tires,*
- b) Maximum of 46.5" DOT tires with alterations (Cuts) allowed*