



2019 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.

2019 MRA - STREET STOCK (FT)

GENERAL OVERVIEW:

This class is intended for four-wheel drive trucks and Jeeps that are primarily street driven, have minimal modifications and are street legal. Engine swaps allowed as per class rules, frame must be correct for body.

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

BODY: (Street Stock) (FT)

- 1) *Any model jeep or truck, stock steel body (minimal trimming allowed for tire clearance only)*
- 2) *Wheel base must be stock for frame and body*
- 3) *Firewall cannot be cut, relocated or reshaped*
- 4) *Must retain factory floor pan*
- 5) *Flatbeds - Minimum dimensions: must be the same width as the cab and extend to the rear most part of the frame and substantial enough to carry cargo.*
- 6) *Must retain all stock glass*
- 7) *Headlights and taillights required and must be functional*
- 8) *Front bumper required*
- 9) *Factory interior shall not be removed.*

CHASSIS: (Street Stock) (FT)

- 1) *Unmodified OEM factory frame bumper to bumper*
- 2) *Minimum 4-point roll bar required for open top vehicles. (See General Rules)*
- 3) *Suspension must be stock, aftermarket lift kits allowed*
- 4) *No removal of leaf springs*
- 5) *Stock OEM front and rear differentials, transmission and transfer case only (may be upgraded with stronger OEM parts).*
- 6) *Transmission brakes (trans brake) **NOT** allowed*
- 7) *Fuel tank, battery and radiator must be in stock location*
- 8) *4-wheel brakes mandatory, OEM dual reservoir master cylinder required*
- 9) *Unaltered DOT tires only.*

ENGINE: (Street Stock) (FT)

- 1) *Motor must pull 17" of vacuum at 800 RPMs*
- 2) *Big block engines in full size trucks only*
- 3) *No V8's in mini trucks or mini SUV's (Unless OEM)*
- 4) *Motor must be located in stock location.*
- 5) *No aluminum engine blocks or aluminum heads (Unless originally OEM equipped)*
- 6) *Carburetion - Single gas carburetor only, limited to 4150/4160 series only (no Predators, Dominators, SV-1's)*

- 7) *OEM fuel injection only*
- 8) *Cast aluminum intake only (no tunnel rams or sheet metal intakes)*
- 9) *No power adders. No Nitrous, No turbocharger(s), No superchargers.*

With the following exceptions:

- a). Factory installed OEM turbochargers permitted on diesels only.*
- 10) *Headers are allowed, mufflers are required and exhaust must extend to behind the driver's seat.*

END OF MRA - STREET STOCK (FT)

2019 MRA - HOT STREET (FT)

GENERAL OVERVIEW:

This all motor class is intended for four-wheel drive trucks and Jeeps that have been slightly modified for competition but still utilize mostly stock components. They must be capable of being made street legal. Engine swaps allowed, but frame must be correct for body.

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

BODY: (Hot Street) (FT)

- 1) *Any model jeep or truck, stock steel or OEM (street weight) equivalent fiberglass body parts, (minimal cutting allowed only for tire clearance) No race bodies allowed.*
- 2) *Must retain Full **steel** cab or tub, doors and bed must be retained. (No removal of inner steel panels)*
- 3) *Firewall can be reshaped minimally, but not cut and relocated*
- 4) *Wheel base cannot be altered, must match body. (No body swaps).*
- 5) *Flatbeds - Minimum dimensions: must be the same width as the cab and extend to the rear most part of the frame and Substantial enough to carry cargo.*
- 6) *Must retain stock glass*
- 7) *Headlights and taillights required and must be functional*
- 8) *Front bumper required*
- 9) *Factory interior shall not be removed.*
- 10) *Race seats permitted, must have a minimum of two (2) seats and must be securely mounted to the floor.*

CHASSIS: (Hot Street) (FT)

- 1) *Any unmodified OEM factory frame bumper to bumper. Frame shall retain two (2) stock cross members with the following exceptions permitted:*
 - a). *Relocating of cross member(s) allowed, Modifications allowed.*
- 2) *Minimum 4-point roll cage required for open top vehicles. (**See General Rules**)*
- 3). *Rear suspension must be leaf-spring unless equipped otherwise from the factory.*
- 4) *Front suspension may be leaf-spring, coil & radius, or IPS. Other front suspension styles permitted if OEM for that vehicle. (Relocation of mounting points not permitted).*
- 5) *Must have a minimum of two leaf per spring pack (front or rear)*
- 6) *Ladder bars permitted (No 4-link, no 3-link, no floaters, no coil over shocks).*
- 7) *Any OEM front and rear differentials.*
- 8) *Any stock OEM transfer case allowed (No chain drives allowed)*
- 9) *Any OEM Transmission (modifications and trans brakes allowed). Should be shielded, stock steel floor acceptable, (see **General Rules**).*

- 10) *Radiator must be located in front of motor*
- 11) *Fuel tank (fuel cell allowed) and battery may be relocated (see general rules).*
- 12) *4-wheel brakes mandatory, OEM dual reservoir or dual master cylinder required.*
- 13) *Maximum 46.5" unaltered DOT tires.*

ENGINE: (Hot Street) (FT)

- 1) *Engine must pull 15" of vacuum at 800 RPM's*
- 2) *Big block engines in full size trucks only (engine swaps permitted).*
- 3) *Engine must be located in approximate stock location.
(Firewall will dictate engine location).*
- 4) *No aluminum engine blocks or heads (unless OEM equipped for that vehicle)*
- 5) *Single four-barrel cast aluminum intake only.
(No tunnel rams or sheet metal intakes)*
- 6) *Carburetion - Single gas carburetor only, limited to 4150/4160 series only.*
- 7) *OEM fuel injection only*
- 8) *No power adders. No Nitrous, No turbocharger(s), No superchargers.
With the following exceptions:
a). Factory installed OEM turbochargers permitted on diesels only.*
- 9). *Competition exhaust allowed.*

END OF MRA - HOT STREET (FT)

2019 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) *Body should match wheelbase. (No altered wheel base vehicles allowed).*
- 3) *Shall retain Full cab or tub. Doors and bed shall be retained.
(No removal of inner steel structures)
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). Engine should remain in stock OEM location.*
- 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 not required.*
- 8) *Bumpers not required.*
- 9) *Mirrors 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) allowed, with the addition of a SFI approved 4-point safety harness. (5-point harness is recommended).*
- 12) *Driver shall sit in stock location. (Center seat positions NOT permitted).*

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) Any OEM transfer case allowed. (Modifications allowed).
- 10) Any OEM Transmission (modifications and transmission brakes allowed). Should be shielded, Stock steel floor acceptable **(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" unaltered DOT 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 factory OEM type automotive engine. No aluminum blocks allowed, with the following exception:
 - 1a) OEM factory installed aluminum engines.
- 2) Engine must be located in approximate stock location based on firewall location.
- 3) Conventional OEM style aftermarket aluminum heads allowed (modifications allowed).
- 4) 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.

- 5) *Cast aluminum intake only (No tunnel rams or sheet metal intakes)*
- 6) *Single gas carburetor only (No stretched or split Dominator carburetors).
Single Predator or SV-1 carburetor allowed.*
- 7) *OEM fuel injection only.*
- 8) *Vacuum pumps and dry sumps allowed.*
- 9) *Fuel limited to race gas or any pump gas (E-85 allowed) or diesel fuel only. No
Alcohol. No ethanol. Oxygenated fuels are allowed*
- 10) **No power adders.** *No Nitrous, No turbocharger(s), No superchargers.
With the following exceptions:*
 - 10a) *Factory installed OEM turbochargers permitted on diesels only.*
- 11) *Competition exhaust allowed.*

END OF MRA - SUPER STOCK (FT)

2019 MRA - OUTLAW SUPER STOCK (FT)

GENERAL OVERVIEW:

*This all motor class is intended for four-wheel drive trucks and Jeeps that have been modified for competition. Although this is a sister class to Super Stock and uses many of the same rules, in the outlaw class these vehicles are allowed to be lightened along with other performance modifications, but they must still appear stock from the outside and must utilize a factory frame in their chassis. Engine and body swaps are allowed. **Vehicles must meet all safety requirements for this class. (See general rules).***

BODY: (Outlaw Super Stock) (FT)

- 1) *Stock steel body or OEM (street weight) equivalent fiberglass body parts required (No Race Bodies, replacements parts should closely match the OEM specifications in design).*
- 2) *Removal of interior steel body panels and interior bed and tub panels is permitted. Outer panels must be retained, but may be trimmed for tire clearance, vehicle must retain stock appearance from exterior.*
- 3) *Body must match wheelbase. (No altered wheel base vehicles allowed)*
- 4) *Engine must remain in stock OEM location.*
- 5) *Firewall may be modified for engine clearance (shall not be removed, replaced or relocated).*
- 6) *Factory floor pan may be modified for engine clearance. (Floor pan shall not be removed, replaced or relocated), But may be modified for drivetrain clearance.*
- 7) *Flatbeds - Minimum dimensions: must be the same width as the cab and extend to the rear most part of the frame and substantial enough to carry cargo.*
- 8) *Windshield, Rear and side window glass and related hardware - Not required.*
- 9) *OEM Interior panels and trim - Not required.*
- 10) *Headlights and taillights - Not required*
- 11) *Driver seat may be relocated in the center of the vehicle, but cannot be moved toward the rear.*
- 12) *Racing seats allowed. NOTE: A 4-point racing harness is required when using racing seats (5-point recommended).*
- 13) *Bumpers not required.*

CHASSIS: (Outlaw Super 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) *OEM Factory frame rails required. Minimum length shall be from centerline of front axle to centerline of rear axle. Frame rails must be unmodified between these two (2) points.*
Additional frame guidelines:
 - a) *Frame rails shall retain 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.*
 - b) *C-notching - Not permitted.*
 - c) *Relocating of cross member(s) allowed, Modifications allowed). Unused brackets and cross members may be removed at the discretion of the builder.*
- 2). *Minimum 6-point roll cage. (See General Rules)*
- 3). *Any suspension, Slink, 4link, (coil over shocks) allowed*
- 4) *No back half chassis. (Stock frame required-see #1 above).*
- 5) *Any OEM style front and rear differential allowed (modifications allowed)*
- 6) *Any OEM style transfer case allowed (Modifications allowed)*
- 7) *Any OEM style Transmission allowed. (Modifications allowed).*
- 8) *Fuel cell, radiator, and battery may be relocated.*
- 9) *4-wheel brakes mandatory, dual master cylinder or OEM style dual reservoir master cylinder required.*
- 10) *Maximum 46" unaltered DOT tires*
- 11) *Minimum weight with driver:*
 - a) *3400 lbs big block equipped vehicles*
 - b) *3100 lbs small block equipped vehicles.*

ENGINE: (Outlaw Super Stock) (FT)

- 1) *Any factory OEM style automotive engine. (No aluminum blocks allowed, with the following exception:*
 - a). *OEM factory installed aluminum engines.*
- 2). *Engine set back - the Engine may be relocated with #1 sparkplug being a maximum of six (6") inches behind the center line of the front axle tube.*
- 3) *Conventional OEM style aftermarket aluminum heads allowed (modifications allowed).*
- 4) *NO aftermarket Pro-Stock style heads permitted. (No Chevy spread port/profiler style heads. No Ford C-heads, Thor heads, or Hemi Heads permitted).*
The following exceptions will be allowed:
 - a) *Ford Motorsports A-460 heads and Trick-Flow A-460 heads are allowed.*
 - b) *Any aftermarket OEM type small block aluminum head allowed*

- 5) *Any single gas carburetor allowed. (No stretched or split Dominator carburetors or SV-1's allowed). Predator carburetors allowed.*
- 6) *OEM fuel injection only.*
- 7) *Single four-barrel cast aluminum intake only. (No tunnel rams or sheet metal intakes)*
- 8) *Vacuum pumps and dry sumps allowed.*
- 9) *No power adders allowed. No Nitrous, No turbocharger(s) No superchargers. With the following exceptions:
a). Factory installed OEM turbochargers permitted on diesels only.*
- 10) *Fuel limited to pump gas, race Gas or diesel fuel only. No alcohol. No Ethanol
Oxygenated fuels are allowed*
- 11) *Competition exhaust allowed.*

END OF MRA - OUTLAW SUPER STOCK (FT)

2019 MRA - RENEGADE CLASS (FT)

GENERAL OVERVIEW

This class is intended for four-wheel drive trucks and Jeeps that have been highly modified for competition. Although the vehicle bodies may be lightened, they should appear stock and must utilize a factory frame in their chassis. Any engine, frame or body combination allowed.

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

BODY: (Renegade) (FT)

- 1) Any model jeep or truck body allowed. - must be recognizable,
 - a) Steel body or equivalent dimension body parts required.
 - b) One-piece front clips are allowed.
 - c) Fenders, roof and doors must be retained if originally OEM equipped,
 - d) Hood and grill must be present.
- 2) Removal (gutting) of inner steel body structures and inner bed and tub panels/structures are allowed.
 - a) Exterior body panels should retain a stock appearance,
 - b) No narrowing of the body
 - c) No narrowing or bobbing of rear bed or tub sides. Bed/tub sides may be trimmed to length - but shall extend past the rear of the rear tire. Rear wheel wells may be modified for tire clearance.
- 3) Body should fit wheelbase being used.
 - a) Maximum distance from the center line of the front axle to the bottom of the (drivers) seat back shall not exceed 84 inches.
 - b) The center of the front axle shall be inside the front wheel well opening,
 - c) Front Wheel well openings may be modified for tire clearance.
- 4) A firewall and floor pan must be present protecting driver from engine and driveline components. Minimum .030 Steel or .060 aluminum recommended.
- 5) The firewall shall extend from door to door and from the floor pan to the base of the windshield.
- 6) The floor pan shall extend from door to door and front of the cab or tub to rear of the cab or tub. **NOTE:** The floor pan and firewall shall be securely attached to each other and to the framework of the chassis.
- 7) Racing seat(s) allowed. (5-point racing harness is required).
- 8) The driver's seat may be relocated back and to the center of the vehicle, but cannot exceed the 84-inch maximum (see 3a).
- 9) OEM Interior panels and trim - Not required.
- 10) Windshield, rear and side window glass and related hardware - Not required.
- 11) Headlights and taillights - Not required
- 12) Bumpers not required.
- 13) No Flatbeds unless originally equipped.

CHASSIS: (Renegade) (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) *Factory frame or frame rails required (Minimum length shall be from centerline of front axle to centerline of rear axle). Frame rails must be unmodified between these two (2) points. **Additional frame guidelines:***
 - 1a) *Frame C-Notching allowed (top of C-Notch shall not extend above top of the upper most portion of the stock frame rail).*
 - 1b) *Any width cross members allowed, stock with modifications or custom.*
 - 1c) *Relocating of cross member(s) allowed, Modifications allowed. (Unused brackets and cross members may be removed at the discretion of the builder).*
- 2) *Minimum 8-point roll cage. (See General Rules)*
- 3) *No back half vehicles allowed.*
- 4) *Any suspension (3 link, 4 link, coil overs) allowed*
- 5) *Any OEM style front and rear differentials allowed. Modifications allowed.*
- 6) *Any chain or gear drive transfer set ups allowed.*
- 7) *Any style transmission allowed, modifications allowed (automatics must be shielded or SFI case)*
- 8) *4-wheel brakes mandatory, dual master cylinder or OEM style dual reservoir master cylinder required*
- 9) *Fuel cell, radiator and battery may be relocated (see **General Rules for Guidelines**).*
- 10) *Maximum 46.5" DOT tires with alterations (Cuts) allowed.*
- 11) *Minimum weight with driver:*
 - a). *3000 lbs big block equipped vehicles,*
 - b). *2700 lbs small block equipped vehicles.*

ENGINE: (Renegade) (FT)

- 1) Any OEM type automotive engine. (No aluminum blocks allowed, with the exception of OEM factory installed aluminum engines).
 - a. 4.9" Bore Space
 - b. 11.7" Maximum Deck Height
 - c. Must Be Water Jacketed
- 2) Engine placement - engine may be relocated a maximum of 12 inches back from the centerline of the front axle tube to the #1 sparkplug.
- 3) Any type of cylinder head combination with the exception that No Hemi Heads allowed
- 4) OEM fuel injection only.
- 5) Any automotive type carbureted intake manifold allowed (sheet metal intakes allowed)
- 6) Maximum of 4 barrels of carburetion (split and stretched Dominators allowed, single Predator or single SV-1 allowed).
- 7) Vacuum pumps and dry sumps allowed.
- 8) No power adders: (No Nitrous, No turbochargers, No superchargers).
- 9) Any Racing Gas, Alcohol/Methanol, or Oxygenated Fuels allowed. No Nitro Methane. (Specific Gravity Tolerances shall not exceed .817 @ 60°)
- 10) Competition exhaust allowed.

. **END OF MRA – RENEGADE (FT)**

2019 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 the body from the back of cab or tub (Driver Compartment) forward.
- 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) Maximum distance from the center of the front axle to the bottom of the driver's seat back shall not exceed 84inches. Center seat allowed.
- 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 base of the windshield.
- 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 allowed

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 8-point roll cage. (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. (No aluminum blocks allowed, with the following exception:
 - a) Small Block Aluminum Blocks are allowed
 - b) Big Block Cast Iron
 - 1) 4.9" Bore Space
 - 2) 12.3 Maximum Deck Height
 - 3) Must Be Water Jackets
- 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) OEM fuel injection only
- 5) Any automotive type carbureted intake manifold allowed (sheet metal intakes allowed)
- 6) Maximum of 4 barrels of carburetion (split and stretched Dominators allowed, single Predator or single SV-1 allowed).
- 7) Vacuum pumps and dry sumps allowed
- 8) No power adders. No Nitrous, turbochargers or superchargers.
- 9) Any Racing Gas, Alcohol/Methanol, or Oxygenated Fuels allowed. No Nitro Methane. (Specific Gravity Tolerances Shall Not Exceed .817 @60°)
- 10) Competition exhaust allowed

END OF MRA - PRO STOCK CUTS (FT)

2019 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 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 the body from the back of cab or tub (Driver Compartment) forward.
- 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) Maximum distance from the center of the front axle to the bottom of the driver's seat back shall not exceed 84 inches. Center seat allowed.
- 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 base of the windshield.
- 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 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 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 8-point roll cage. **(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, duel master cylinder or OEM style dual reservoir master cylinder required
- 8) Maximum 46.5" DOT tires with alterations (Cuts) allowed
- 9) Maximum wheelbase 130"
- 10) Minimum weight with driver **with power adder** (nitrous):
 - a) Cast Iron Big Block equipped vehicles - 2700 lbs.
 - b) Aluminum Big Block equipped vehicles – 2875 lbs.
 - c) Small block equipped vehicles - 2500 lbs.
- 11) Minimum weight with driver and **No power adders:**
 - a) Cast Iron Big block equipped vehicles - 2500lbs.
 - b) Aluminum Big Block equipped vehicles - 2700 lbs.
 - c) Small block equipped vehicles - 2,200lbs.

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

ENGINE: (Outlaw Pro-Stock) (FT)

- 1) *Any OEM type automotive engine*
 - a) *5" Bore Space*
 - b) *Cast Motor—12.3" Maximum Deck Height*
 - c) *Aluminum Motor—12.0" Maximum Deck Height*
 - d) *Block Can Be of Solid Construction or Water Jacketed*
- 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) *OEM fuel injection only. No aftermarket injection systems.*
- 5) *Any automotive type carbureted intake manifold allowed (sheet metal intakes allowed).*
- 6) *Dual carburetors allowed gas or alcohol. (Split and stretched Dominators allowed, dual Predator or SV-1 style allowed)*
- 7) *Vacuum pumps and dry sumps allowed*
- 8) *Any racing gas, alcohol/methanol or oxygenated fuels allowed. (No Nitro methane). (Specific Gravity Tolerances Shall Not Exceed .817 @ 60 degrees)*
- 9) *Nitrous allowed.*
- 10) *No turbochargers, No superchargers.*
- 11). *Competition exhaust allowed.*

END OF MRA - OUTLAW PRO STOCK (FT)

2019 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 driver or vehicles safety. **Additional chassis guidelines:***
 - a *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 **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 adders**:*
 - a) *Big block equipped vehicles - 2150lbs.*
 - b) *Small block equipped vehicles - 1850lbs.*

ENGINE: (Modified Cuts) (FT)

- 1) *Any automotive type engine allowed. (Cast iron or aluminum block allowed).*
 - a) *5.3 Bore Space*
 - b) *12.5" Maximum Deck Height*
- 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)

2019 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.
- 11) 2019 and Beyond—Blower Bags will be required on all open class cars running super charges.

END OF MRA – Open Paddles (FT)

2019 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)***

2019 MRA - MODIFIED PADDLES CLASS

GENERAL OVERVIEW

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

2019 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*