

## 2016 Northern Alberta Mini Stocks Outlaws Rules

### -Safety (Minimum Requirements)

1. Leather high top shoes/boots and gloves. No running shoes. Racing gloves and boots highly recommended.
2. Flame resistant suit designed for auto racing (mandatory).
3. Snell 2010 or newer full face helmet.
4. Latch type 5 point 3" seat belts no older than 2012 dated, requires Sub belt.
5. Driver's window net with quick release.
6. High-back Racing seat mounted to roll cage. as per rule 1.8
7. Driver's area roll bars must be padded.
- 8 Battery must be securely fastened with a non/conductive cover over the positive battery terminal. Battery must be in protective battery box (plastic marine style boxes allowed) if located in drivers area.
9. Must have a battery kill switch properly marked within arms reach of the drivers window, so safety personal can shut off car and check on driver at same time.
10. All cars must have a fire extinguisher within their pit stall. Min.5 lbs

### - Race Format

- 1 All cars will register their car number for \$150.00 (First come first served)  
Unregistered cars will be allowed to race with the Northern Alberta Mini Stock tour but will not be eligible to race for N.A.M.S. Points, Payout, Trophy's etc. Numbers will be held for 1 full year, unless ok'd in writing by last years registered owner that it will be ok if number be used.
2. All cars must use an AMB 160 or 260 transponder.(Castrol) (Can be rented at track)
3. There will be double file restarts. This is a result of all the team present agreeing to use receivers, mandatory for 2016, so they can hear the line ups.
4. Combined points from all N.A.M.S races will be totalled to make up the 2015 points. N.A.M.S will be running points races at Castrol Raceway and Sangudo Speedway.

5. Receivers will be mandatory in 2015 for all NAMS Events. Receivers are available to be purchased at D.A.K Enterprises (Contact DAK by phone 587-334-7973 or E-mail [pacetruck@gmail.com](mailto:pacetruck@gmail.com) ) or Evolution Racing Products (Contact Rob by Phone 403-702-3380)

6. Line ups will be made at within 10 mins of the end of the pit meeting. Line ups are built based on over all points and heat race finishes.

7. Points are awarded to Car number.

READ THIS:

If there is an item not covered or you're not sure about something in these rules, have it approved by the tech Inspector or leave it stock!

IF IT DOESN'T SAY YOU CAN DO IT, ASK YOUR CLASS REP FIRST!!

## **2016 Northern Alberta Mini Stock - Outlaws Rules**

1 - Vehicle and Body

1 - 1 All makes/models car or truck. Front and rear wheel drive with 4-cylinder engines. No all-wheel drives

1 - 2 All doors must be bolted, riveted or welded shut

1 - 3 Drivers window may be enlarged for driver entry, but must be kept to a minimum and cannot go lower than the uppermost cage door bar.

1 - 4 All glass, trim, lights (including lenses), emblems, etc. must be removed from the car. No windshields or mirrors are allowed. A minimum of 3-4 evenly spaced bars (3/8" minimum steel) must be welded vertically across windshield opening in front of the driver. A screen may be fastened over the bars if desired. Screens must be painted flat black.

1 - 5 Two hood pins must be used to secure front hood and rear trunk (2 each) if stock hinges are used. Otherwise they must be secured with four hood pins each.

1 - 6 Fuel Cells are Highly Recommended. If running a stock Fuel Tank, Tank must be located in front of rear axle (on solid rear axle cars/truck) or in front of rear control arm mounting location (on Independent Rear Susp. cars/trucks). Stock fuel tanks must have min. 22 gauge skid plate mounted between the tank and racing surface.

1 - 7 Rear firewall must be constructed of 22-gauge sheet metal and all holes must be sealed to seal driver's compartment from fuel compartment.

1 - 8 Aftermarket aluminum seat only. Must be Mounted to the roll cage only, CAN NOT be mounted to the floor.

1 - 9 Making the vehicle lighter is an option but firewalls (front and back) must be complete and intact. Firewall must be left in factory location. (Stock firewall, 22 gauge rear firewall) and must have stock floor boards from front fire wall to Rear Firewall and from Rocker panel to Rocker panel .Rocker Panels must be left in stock location. If rocker panels have rust, patching of rust is allowed. Sub Frame connectors allowed.

1 - 10 Removable steering wheel recommended.

1 - 11 Must have tow hooks front and back, chains bolted/welded to frame allowed

1 - 12. Weight rule

Carburetor/ Throttle body cars -1lbs per 1cc (2.3l-2300cc=2300lbs)

Fuel injected (multi port, direct port, etc) cars -1.3lbs per 1cc (2.3l-2300cc=2990lbs)

Engine size and weight must be displayed on right front fender beside car number, decaled or painted .(1.5l fuel injected, must read, 1500 cc/ 1950lbs or 1.5l carburetor , must read, 1500cc/1500lbs) .

1 - 12.5.

50lbs weight break for any driver using either a Head or Neck Device (with at least 1 head support mounted on driver's seat) or using a full containment seat (Max of 50 lbs). Must be tech'd before the start of the first race of the day to be eligible.

1 - 13. All cars will be weighed before heat races and the top 3 cars will be weighed at the end of the feature before trophy presentations.

1 - 14. Paint scheme of any color and/or design. No offensive or inappropriate graphics. Numbers on doors and roof must be legible and 20" tall.

1 - 15 All cars must have front and rear bumpers and must be mounted by stock method (or reasonable alternative) and have safety chains or cables from bumper to frame to prevent loss during competition.

1 - 16 All Cars or Trucks MUST Start the race day with all body panels and must be in good condition. ALL Major dents and damage must be repaired by the next race day.

1 - 17. Aftermarket bodies allowed. Bodies must me stock appearing. No wedge/late model style bodies allowed. Mixing of manufacturers allowed (Honda body on Toyota chassis, etc.)

## 2 - Roll Cage

2 - 1 Minimum of 1 1/2" OD pipe with min of .095" wall. Recommend 1 3/4" pipe

2 - 2 Must be attached in a minimum of 6 points (Main cage mounted in 4 points with 2 rear down bars mounted in trunk area)

2 - 3. All roll cages will have a minimum of 3 bars on the driver's side and 2 on the passenger side(Door Bars). Driver's door bars must be as close to the door as possible. Top drivers door bar will be no lower then 3in's from the bottom of the original window sill (Opening). The bottom bar can be no higher than 3 inches from the rocker panel. All cages must protect driver 360 deg. No "half" cages allowed. Must run centre halo bar to protect drivers from roll over impact.

2 - 4. Front and rear hoops are strongly recommended.

2 - 5 Roll cage cannot exceed past factory stock body.

2 - 6 Roll Cage construction will be tech`d at the beginning of each season. Any unfinished or unsafe welds on roll cages will cause said car to be parked till repairs are made.

2 - 7 Tube'd style bumpers must be covered and not exposed in any way. Every style of bumper must be tied in to the body somehow as to not get caught on an edge of another car while racing.

(See picture at bottom for min. specs on cage)

## 3 - Suspension

3 - 1. Adjustments for camber is allowed.

3 - 2 Sway bars must be OEM or OEM option for that make and model of vehicle

3 - 3. Racing shocks or struts are allowed. Maximum of 1 shock or strut per wheel.

3 - 4. Adjustable coil over shocks or struts allowed. Coil over shocks or struts must have been a stock option from factory to be used. Weight Jacks allowed. Leaf Spring sliders allowed.

3 - 5. Swapping of any suspension parts within a family line is allowed (i.e. mustang to mustang, civic to civic etc) .Must be factory type Suspension (no converting coil to leaf etc)

3 - 6. Front lower, Rear Control arms and Trailing arms must be Factory stock and unmodified and in stock location, (as per Jan/16 meeting)

4 - Engine and drive train

4 - 1. Carburetor and Fuel injected engines allowed

4 - 2. No Turbos or Superchargers. No Rotary engines permitted

4 - 3. Front or rear wheel drive only. No all wheel drive permitted. Manual or automatic Transmissions permitted. Maximum wheelbase is 107".

4 - 4 YOU MUST MAINTAIN A STOCK STROKE +/- .010". Any four cylinder engine in stock location allowed. No after-market or racing blocks. No dry sump. Only flat top pistons allowed. No titanium wrist pins allowed. Any steel rod allowed. Stock OEM production crank shafts only. No Machining of Crank other than for clean up. Any distributor with any ignition box or stock ignition allowed. All engines must use an in-block wet sump oil system. No vacuum pumps allowed.

4 - 5 Factory Production heads only - No aftermarket heads allowed. All heads must be stamped with factory casting numbers. Gasket matching is allowed, porting and polishing is allowed. Only Factory aluminum heads allowed, if engine did not come with a factory aluminum head option, then you cannot use an aluminum head, a factory steel head is then required. Aftermarket cams allowed

4 - 6 Headers are allowed. Mufflers are optional and exhaust should exit away from driver. Max 100db @ 100 feet Catalytic converters must be removed.

4 - 7 one 2 barrel carb max, Unless Factory stock option of more than 1 carb. No 4 barrel carbs allowed. Adaptors and/or spacing plates allowed

4 - 8. Aftermarket Ignition coils allowed.

4 - 9. Solid engine mounts allowed.

4 - 10 Electric fuel pumps are allowed, but must be wired into a oil pressure, inertia switch or mercury switch system, to prevent them from running when engine has lost oil pressure or during a rollover situation. Consult class Rep.

4 - 12. Gear ratios may be changed, and carrier may be welded.

4 - 13. Maximum 2200cc engine for Fuel Injected and 2500cc engine for Carb'd.

4 - 14. Racing oil pans allowed

4 - 15. Drive shafts/Drive axles must be painted white w/ car number on shaft

4 - 16. Any 4cyl engines allowed within family line. (Ford to Ford, Honda to Honda, etc)- North American Production ONLY, No Overseas or Branded Motors (Cosworth, Spoon, Nismo, etc)

4 - 17. No Antifreeze in cooling system. Water only

4 - 18. Pump Gas or Racing Fuel allowed. Max of 108 octane .Any fuel containing any type of alcohol will not be allowed, No nitro, methanol, E85, or exotic fuels.

4 - 19. Factory Computers (ECM) only. No Flashed or re-programmed computers.

4 - 20. Engine must be in factory location. No set back or off set Engine locations

4 - 21. Transmission/drive train must be same make as chassis (Honda to Honda, Chevy to Chevy, etc). Any Driveshaft/Drive axles allowed.

5 - Wheels and Tires

5 - 1. 13in-15in wheels allowed must be steel.

5 - 2. 1in wheel nuts mandatory when Aftermarket racing rims are being used. If stock wheels are used stock wheel nuts allowed.

5 - 3. Street or dirt type racing tires allowed... no altering of tires i.e. No sipping, grooving, soaking, etc.

5 - 4. Offsetting of rims allowed. Min of 2in offset, Max of a 4in offset.

5 - 5. No Studs in tires. Winter Tires allowed.

5 - 6. Max of 8in wheel width.

6 - Brakes

6 - 1. No converting drum brakes to disc brake unless stock option on vehicle. Stock brake parts only!! No brake bias adjusters.

6 - 2 All 4 brakes must work on car at the start of the race day.

6 - 3 After market Brake Pedal Assemblies allowed.

\*Cars built before Sept 2015 will be grandfathered on rule changes for the 2016-2017 Seasons .