

# **“Medicine Hat & Area’s Only Paved Oval Race Track”**

## **ALL STOCK 4cyl RULES 2017**

### **For More Information Contact:**

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### **GENERAL RULES**

- 1.1 Open to 4 cylinder, front wheel drive cars. Automatic transmissions only. No manual transmission. No turbo engines or double overhead cams. No sport coupes (i.e. Honda Preludes). **See (\*) for rules specific to Hondas.**
- 1.2 CAVALIERS and SUNFIRES with Double Overhead Cam (DOHC) Engines ARE ALLOWED in the Feature Stock Class however not in the Future Stock Class.
- 1.3 No all wheel or 4 wheel drives.
- 1.4 Cars must be bone stock – no modifications.
- 1.5 No stripping or gutting. All metal panels must be left intact. Hood & trunk hinge must be left intact. Heater cores, fans and air conditioning must remain in place. Battery must remain in original position.
- 1.6 Doors should be welded, bolted or chained shut.
- 1.7 Windshield must be left intact. Rear window optional. All other glass must be removed.
- 1.8 Outside trims, moldings, head lights, tail lights must be removed.
- 1.9 No reinforcements of any type.
- 1.10 When repairing cars, only stock replacement parts may be used.
- 1.11 Two holes in the hood are mandatory for fire extinguisher access. All other holes (i.e. holes in firewall, etc. must be sealed).
- 1.12 **All DOHC (Double Overhead Cam) Cavaliers & Sunfires must run complete exhaust including resonator, catalytic converter and muffler. All approved DOHC engine cars must run complete stock exhaust, including resonators, catalytic converters and mufflers.**

### **APPEARANCE RULE:**

*All cars are expected to have clean, straight bodies. Over the winter months damaged panels, front and rear bumper covers etc. should be replaced. Cars should be freshly painted if needed. Numbers should not be “spray bombed” on. Professionally cut vinyl lettering is the preferred method.. All cars must start the day’s event with all body parts intact (i.e. bumper covers, fenders, etc.).*

### **TIRE & SUSPENSION**

- 2.1 No modification to suspension. Right front tire camber to be checked prior to Feature Race. Camber to be measured with a square and NO GO Gauge.
- 2.2 Tires and rims must be stock size – maximum speed rating – V.
- 2.3 13”, 14” or 15” rim and tire sizes only. **Maximum tire tread width is 205 mm for ALL Cars.**
- 2.4 **Maximum rim width is 7 inches.**
- 2.5 **Stock Wheel offsets only, wheel offsets must be same on all four corners of the car.**

## **SAFETY**

- 3.1 Roll-Over Protection: Minimum 2 round steel pipe posts, 1 behind the driver's seat, the other behind the passenger seat. Steel posts must be a minimum 4" by 1/8" wall thickness. They must be welded to a minimum of 12" X 12" X 1/8" steel plates top & bottom in the shape of an I. These plates must then be bolted through the floor and roof with a minimum of 4 bolts. Larger "fender style" washers may be used. Main hoop on Enduro style cage must be minimum .095 steel tubing.
- 3.2 Top half of the driver's side post must be padded.
- 3.3 Two door bars that extend across the driver's door are required. It must overlap the front fender and rear quarter/rear door a minimum of 6". The bottom door bar center-line should be between 16" to 18" off the ground. These door bars must be a minimum of 4" X 3/16" steel channel or 2" X 3" by 1/8" wall thickness. Rectangular steel tubing. Must be bolted or welded, if bolting is used, bolts must go all the way through the doors with large washers on the inside. Door bars must be beveled on each end to eliminate ragged edges.
- 3.4 Hood & trunk lid must be pinned down in a minimum of 2 places.
- 3.5 5 point racing harness mandatory.
- 3.6 Window net required.
- 3.7 Nomex racing suit recommended. Minimum clean coveralls. Gloves required.
- 3.8 Approved helmets must be SNELL 2010 or newer. "DOT" or "M" Rated helmets ARE NOT ALLOWED.
- 3.9 ***Aluminum racing seat is highly recommended.***

## **OTHER RULES**

- 4.1 Nothing may be painted or lettered on the car which may be considered offensive. All cars will be screened before entry to the track surface and cars not conforming shall not compete.
- 4.2 Numbers must be painted or decaled on the roof and BOTH front side doors or rear quarter panels. Minimum 16" in height and 2.5" in brush width.
- 4.3 Doors and Roof must be painted White and Numbers must be Black. If you claim a car you must paint over the old numbers with white paint then apply your new numbers. The base of the roof number must face the passenger side. Any number not deemed legible may have to be changed.
- 4.4 Cars must be kept in decent appearance. Numbers must be either applied with graphics or neatly painted.
- 4.5 Any competitor (mechanic, friends, etc.) using alcohol or drugs on the premises shall be asked to leave and no further entries will be accepted.
- 4.6 The decisions of the officials are final in all cases..

### **(\* ) Rules specific to Hondas**

- *Engines allowed – Single Overhead Cam Only (SOHC)*
- *1990 – 1993 Honda Accord – only engines allowed are F22A1, A4 and A6. This engine code can be found on the front of the engine block.*
- *Tires – Hondas are only allowed to run a maximum tread width of 205 mm and a maximum circumference of 78" (+/-) to be determined by the technical official.*

## **NEW CLAIM RULE**

***\$500 claim on designated claim cars only. The new claim rule will allow competitors to make their cars available for claim if they wish. The car must be decaled as such to allow others to see that it is available to claim.***

If you do not read it in the rules, it does not mean that it is legal. Always call first. All interpretation of the rules is done by mhara tech. Any illegal parts will be confiscated so that they do not make their way back into the system. Confiscated parts will be destroyed. In the event of a tear down or protest, the driver will be notified of the decision by mail. mhara. reserves the right to change, alter or modify rules throughout the season in all classes.