

# M-40 SPEEDWAY HORNET 2018 RULES

**Please note that these are NOT the same rules as the Michiana Alliance Stock FWD class.**

M40 Speedway continues to maintain a true entry level class that will be fun for your entire family, will be relatively inexpensive and will introduce new racers into the great sport of short track racing.

All cars will be required to run a Raceciever in 2018. This is a one way radio that each driver wears that allows our scoring officials to have communication with you out on the track. This is a safety feature for all drivers as well as a tool for the track to be able to speed up the show. These are available at Lane Automotive for approximately \$135 for the complete package.

**All Hornets** - Any 4 or 6 cylinder FWD (maximum 3.4 liter) engine. No super charged motors. NO all wheel drive or 4 wheel drive cars allowed.

6 cylinder cars must have automatic transmission. Stock OEM engines must be unaltered. NO V-Tech engines. No headers. Stock OEM air cleaner and lines. Stock diameters on exhaust. All airbags must be deactivated. Stock transmissions and all gears must work. No welded gears. Stock pump gas only. ABSOLUTELY NO RACING FUEL ALLOWED.

**Complete Stock Bodies** - There will be no gutting or stripping of any metal inner body panels. Minor gutting of non cock pit body parts are OK. Sun roof openings must be enclosed with steel or aluminum. All glass except windshield must be removed. No mirrors of any type allowed. Doors must be welded shut. Any chains need to be replaced with welds. Body must remain stock and in stock location. Hood must be secured with hood pins only. All insulation under the hood must be removed. Stock ride height must be maintained. Car must be level and at a stock stance after the car is stripped. Do not change ride height. NO HONDA CRX OR 2 SEAT COUPES ALLOWED.

All exterior body panels must remain stock front to rear.

There will be no rear or side windows of any kind made out of any material. Any patch work on the interior or exterior of the car will have steel or aluminum patches. Make sure firewall or floor board holes are all patched over 100%. All patches will be riveted or welded. There will be no sheet metal or self-tapping screws. All loose trim on the exterior of the body, trailer hitches and after market add-ons must be removed from the car.

**Steering and Suspension** - All steering and suspension will remain stock with no modifications - front to rear and side to side. You will be allowed to have no more than 1" of camber on the RIGHT FRONT only. Wheelbase must remain within ¼" side to side. Quick release steering wheel is allowed but must have stock steering assembly. Brake and gas pedals must remain stock but can have toe clip or throttle return strap. NO cutting, shortening, heating or stretching of springs allowed. Springs must be stock for that make and model of car.

ALL STRUTS AND SPRINGS MUST REMAIN STOCK STOCK STOCK!! ALL CARS MUST BOUNCE FREELY UP AND DOWN.

**Engine and Exhaust** - All cars must start with the stock ignition key or a simple push button/toggle switch. All stock wiring to car must remain intact.

Engine and transmission are to remain stock. A claimer rule MAY be implemented if deemed necessary.

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A stock exhaust system complete with muffler that exits behind the driver's seat will be mandatory - 2" maximum OD size - catalytic converter may be removed.  
Absolutely no antifreeze is allowed.

**Gas Tank & Batteries** - A stock gas tank in stock location is required. Double check gas lines and tank straps and replace if they are worn. Battery may be relocated behind the driver. A shut off switch next to driver window which can easily be reached from the outside of the car is highly recommended.

**Tires** - DOT 60.65.70. 75. 80 RADIAL tires only. No made for racing tires allowed. Tires must be same size side to side.

**Wheels** - Stock steel wheels only for that year make and model. All wheel weights must be removed from both the inside and outside of all wheels. No wheel spacers of any kind.

Front & Rear Bumper Hook-ups on all cars. - All cars must have a way for the wrecker to hook up...front and rear.

**Safety Requirements:** Full face style helmets are mandatory. DOT standard, Snell approved. No motocross helmets.

Full fire suit and gloves are mandatory.

Racing seats are advised but not mandatory. No fiberglass seats. Your racing seat must be fastened to the horizontal bar that ties the roll bars together behind your head. Seat must also be bolted to the cage, if possible, floor or to the factory seat mounting track. Use at least 4 ½" grade 8 bolts to hold seat in place (two bolts behind your neck and two bolts under your butt).

4 point racing harness is mandatory. 5 point is highly recommended. Belts do not have to be date checked, however regular belt inspections will take place.

Roll bars over driver's head is mandatory. Cages or bars shall be installed and constructed so the roll bar is higher than driver's head. Cage or bar must be bolted or welded to the floor pan. A 12"x 12" steel plate should be used at hoop mounting points, gussets at main intersections recommended. 4 bolts per plate, grade 8.

Driver's side door bars are mandatory. Minimum of 3. Door bars must be welded into front and rear pillar when 4 post style cage is not used.

4 post roll cages very highly recommended.

No bars shall extend in front of the front 2 cage points. No bars shall extend rearward behind the roll bar, unless it is used to support the seat mounting hoop. ABSOLUTELY NO BARS TO OR BETWEEN REAR STRUTS.

Window net is mandatory. Must be welded or bolted to door or framing.

This is intended to be a low cost entry level class for entry level drivers. Cheap cars...Great fun for the Whole family.