

# **M**ontgomery **I**nternational **R**aceway

## 1992 RULES



## GENERAL RULES

Unless otherwise stated in a particular division, these general rules apply to all divisions.

### SAFETY

NOTE: The following safety rules set forth by MONTGOMERY INTERNATIONAL RACEWAY do not guarantee prevention of personal injury or death, but are a guideline to building a safer racing vehicle.

- A. Fuel cells are required. The maximum capacity allowed is 22 gallons. Fuel cell must have a working check valve and foam.
- B. Fuel cell must be mounted equal distance between rear frame rails and at least 9" above ground.
- C. Fuel cell vent and overflow may not exceed 1" in diameter. Overflow must exit at rear of car.
- D. Fuel cell must have four (4) 1/8"x 1 straps under cell can and at least two (2) on top of cell bolted to fuel cell frame.
- E. Fuel cell must be protected at rear by 1 3/4" roll bar tubing extending below rear of frame 1/2" beyond bottom of cell and the width of the cell, with one (1) center brace.
- F. Fuel line must be run in metal tubing or metal conduit from cell to pump. No electric fuel pumps permitted.
- G. Cars must have fire extinguisher on-board in working order.  
The fire extinguisher must be in driver's reach.
- H. Drive Shaft and bolt on Lead or Ballast must be painted white.
- I. Window Net required. Must release from top and mount at roll cage at bottom.
- J. Steering Wheel must be padded at center. Release hub is recommended.
- K. All Roll Bars in driver's reach must be padded.
- L. No open holes in floorpan or firewalls permitted.
- M. Five (5) Point Harness System with 3" lap belt and shoulder harness required.
  - 1. Both ends must be fastened to rollbar cage of car with aircraft quality bolts, not less than 3/8" in diameter.
  - 2. A steel plate may be welded to rollbar cage on right side of driver so that the belt can be brought down in such a manner that it will keep the driver from sliding from side to side under the belt.
  - 3. The belt must come from behind the driver.
- N. At least two return springs required on throttle.
- O. Switches must be within driver's reach with belts on.
- P. Helmets are required and should meet Federal Motor Vehicle Safety Standards.
- Q. All drivers are required to wear approved flame retardant suits and gloves during all practice, qualifying and race conditions.
- L. ROLL CAGE
  - 1. Steel Roll bars must be 1 3/4" outside diameter minimum.
  - 2. Four (4) bars are required on driver's side extending from main cage to door, three (3) bars on right side. All seams and joints must be welded solid with gussets.
  - 3. Roll Cage must be approved by Montgomery International Raceway officials before entering race track.
- M. SEATS
  - 1. Bucket seats are mandatory and must be approved. Seats may be fiberglass or aluminum and bolted to seat frame attached to roll cage.

- 2. Seat must be high back with padded head rest.
- 3. Location of seat cannot extend past rear of door.

### N. APPEARANCE

- 1. All cars must be neatly painted and maintained.
- 2. Numbers must be at least 24" on each side. No letters.
- 3. No duplicate numbers, duplicates may be reassigned at track discretion.

### PROTESTS

- A. Only drivers may protest. Protesting driver must compete in feature race. All protests must receive approval of Chief Pit Steward. Spite protests and protests done in an unsportsmanlike manner will not be accepted. Protest must be made within 10 minutes of feature.
- B. Visual protests (requiring no measurements whatsoever) must be presented to Chief Pit Steward in writing before feature line-up commences. No charge.
- C. All other protests must be presented to Chief Pit Steward in writing within 10 minutes of finish of feature race accompanied by \$150.00 per protest; \$25.00 is to the person designated to make measurements or whatever; and \$125.00 goes to the driver who wins the protest.
- D. Drivers or cars found illegal forfeit points and money earned for entire race meet.

### ENFORCEMENT

- A. The fact that an infraction is not noted does NOT make it legal.
- B. Chief Pit Steward may add weight for infractions that create an advantage. This is for a one-time basis and cannot include infractions involving safety or major components.
- C. The Chief Pit Steward has the final word on any rule or protest.
- D. All problems will be handled in a calm and good sportsmanlike manner. Anyone not conducting themselves in a sportsmanlike manner may have their license revoked for an indefinite period of time.

### CONDUCT IN PIT AREA

- A. Drivers and/or car owners are responsible for their entire pit crews.
- B. ABSOLUTELY NO DRINKING WILL BE ALLOWED BY ANYONE IN THE PIT AREA UNTIL AFTER THE COMPLETION OF THE LAST RACE.
- C. Any pit crew member or anyone else in the pit area who violates the above stated rule will be in contempt and be fined \$50.00. In addition, the driver will lose all winnings and points for the event, and will be suspended from the next racing event.
- D. Drivers and crew members will conduct themselves in a calm and sportsmanlike manner at all times.
- E. Any crew member or anyone else in the pit area who uses loud and abusive language towards any pit crew member or any track official or any individual who is guilty of starting or engaging in a fight will be fined a minimum fine of \$50.00 to \$200.00. In addition, the driver will lose all winnings and points for the event, and will be suspended from the next racing event.

### FUEL

The only approved fuel for operation of any racing vehicle on Montgomery International Raceway is racing gasoline. ALCOHOL OR NITROUS IS STRICTLY PROHIBITED. Violations will be subject to a fine of \$200.00.

**NOTE:** Montgomery International Raceway reserves the right to modify/change rules during the season as deemed necessary for safety, fair competition, etc., or any other reason that track officials feel may be appropriate.

## 1992 LATE MODEL RULES- MIR

### I. ELIGIBLE VEHICLES

Late Model Stock Car races are open to 1970-1992 American-made sedans with a minimum wheel base of 108". Vehicles with wheelbases of 101" to 107" must have wheelbase extensions added equally to both front and rear. No vehicle with a stock wheelbase less than 101" may compete.

### II. WEIGHT

- A. No mechanical or hydraulic devices for shifting weight will be permitted inside of driver compartment. No hydraulic shifting devices permitted at any time.
- B. All specified minimum weight requirements include gas, oil, water and driver. Added weight must be in block form of no less than five (5) pound blocks (no pellets). Dislodged weight cannot be returned to the car for weighing after a race. A maximum 58% total left side weight which includes the driver, is allowed.
- C. Immediately following a race, cars will be weighed. No fuel, oil or water may be added, and no wheels or tires may be changed. Allowances will be made for tire wear and fuel consumption. Specifically, 1%\* for 25 laps; 2%\* for 50 laps; and 4%\* for 100 laps. All weights include driver. \*(Note: ± 10 lbs.)
- D. Any car having greater displacement than shown on hood when inspected will be fined \$200 and disqualified for the event. An additional loss of points penalty for the event will be enforced.
- E. Any driver or car owner who refuses to allow his car to be inspected, for example, an engine tear down, will be fined \$200 and disqualified for the event.
- F. Total weight 2800lbs.

### ENGINES

- A. **MAXIMUM DISPLACEMENT.** V-6 engines are limited to 274 cubic inches. V-8 engines are limited to 358 cubic inches. Engine displacement listed is with permissible overbore. (NOTE: The formula for determining cubic inch displacement is - Bore x Bore x Stroke X .7854 x Number of Cylinders = Cubic Inch Displacement).
- B. **INTERCHANGING.** Engines, bodies and frames may be interchanged between models and manufactures.
- C. **ENGINE BLOCKS.** Engine blocks must be production type with standard external measurements in all respects. No aluminum blocks are permitted.
- D. **PISTONS.** Flat top or dome pistons are allowed.
- E. **CONNECTING RODS.** Steel connecting rods are permitted and the length of same is optional. However, no stainless steel or aluminum rods will be allowed.
- F. **CRANKSHAFT.** Must be standard production design. Stroking or destroking for models is prohibited. (Balancing permitted).
- G. **CAMSHAFT.** Camshaft may be flat tappet or roller.
- H. **INTAKE MANIFOLDS.** No high rise.
- I. **CARBURETOR.** Must be Holly model 4412-500 C.F.M., 2-barrel design. Venturi size 1 3/16", Throttle Bore 1 1/2". Choke hardware may be removed, screw ends may be cut even with throttle shaft, maximum 1/8" holes may be drilled in throttle plates (butterflies). Anti-pullover accelerator pump discharge nozzles (squirters) permitted. No modifications of choke horn and boosters, neither height, size nor shape. No modifications of metering block, float or base plate. Carburetor must retain casting ring Venturi. May not thin throttle shaft or throttle plates. Two inch (2") max-spacer plates allowed. No external notching or drilling. Maximum 3 gaskets allowed not to exceed .050" thickness each.
- J. **AIR CLEANERS.** Any type permitted not to exceed 4" in height. No cold air boxes permitted.

K. **STARTER.** Starter must be in working order.

### ELECTRICAL SYSTEMS

Any battery-powered ignition system will be permitted. No magnetos allowed. Battery location must be outside of driver compartment but forward of the rear axle housings.

### EXHAUST

Headers are optional. However, they must extend beyond driver or exit beyond center of door.

**FUEL:** See general rules.

### TRANSMISSIONS

Must have two forward gears and reverse. No automatic transmissions allowed.

### DRIVE TRAIN

It is mandatory that two U-shaped brackets, one at each end of drive shaft no less than 2" wide and 1/4" thick, be placed around the drive shaft and fastened to the floor or cross member of the car to prevent drive shaft from becoming dislodged and dropping to the race track.

### REAR AXLES

Full floating rear axles are mandatory. Quick change center section is optional.

### CLUTCH AND FLYWHEEL

Clutch must be disc type. No cone or centri-fugal clutch allowed. Aluminum flywheel not permitted (Note: Because of SAFETY and reliability, it is recommended that competitors use the small, multi-disc with starter ring).

### BELL HOUSINGS

Aluminum bell housings will only be permitted if the small multi-disc clutch with starter ring is also used. For example, the quarter-master, tilton, etc. If this type of clutch is not used, then a steel blow-proof bell housing or scatter shield will be required.

### BODIES

- A. Bodies permitted will be steel, aluminum or fiberglass, but same must maintain stock dimensions. No wedge or nonstock-appearing bodies allowed.
- B. Doors must be welded, bolted or riveted closed.
- C. Fenders and Quarter panels may be cut for tire clearance. Flares must be used if tires protrude outside of body panels.
- D. Nose piece and rear bumper cover must be stock configuration and stock appearing. No dirt-type or outlaw nose or rear bumper cover.
- E. Rear Bumper Cover must extend from deck lid to rear bumper and be complete between rear quarters. No openings in rear section of body.
- F. No bars will be allowed outside of front nose piece.
- G. Front spoiler must not extend no more than 3" leading edge of front bumper and be no wider than Nose Piece (Front spoiler and nose must be at least 4" off of ground at the lowest point.).
- H. Nose piece must have stock grill opening.
- I. Rear Spoiler will be 5" high by the width of the deck lid on vehicle. All brackets and supports must be mounted behind spoiler.
- J. All cars must have a windshield and back glass. 1/8" Lexan is approved in place of stock glass. Windshield and rear window must be in stock location and have at least two (2) braces inside, from top of car to cowl or dash in front, and top of car to fire wall in back.

**MUST REMAIN STOCK APPEARING.**

- K. Windshield angle is 29 Min.; Rear window angle is 17 Min.
- L. Stock side windows of Lexan are approved as far forward as main hoop in roll cage, behind driver. No vent windows, air scoops, air deflectors of any kind are allowed between door and roof.
- M. Minimum top height is 46" (measured 10" from top of windshield).
- N. Body cannot be any lower than side rails of frame (4") and must be in stock location on frame. No offsets or setbacks.
- O. Body must be secure with braces at weak points.
- P. Headlights, tail lights, etc., must be removed and holes covered with solid material.
- Q. No outside mirrors.
- R. Exhaust collectors not allowed to be outside of body beyond 1/2" and must have smooth edges.
- S. Any body part lost in competition must be replaced within two (2) weeks.
- T. Steel floor pans and fire walls are required. Right side floor pan is not to exceed 9" above left side floor pan. All cars must have factory-type dash.
- U. No Jack Pads to extend beyond the body of the vehicle.
- V. Roof height 46"

**TIRES AND WHEELS**

- A. ~~F60 Hoosier~~ ONLY McCreary EC 30 MIR Tires Only.
- B. Steel wheels only, maximum 10" wide, 3" to 5" offsets only.

**CHASSIS RULES****Category I**

Weight 2800, wheel base 108" min., Tread with 64.5 max.

Stock Snout:

Modifications Available:

Cross Member must remain and stay in stock location.

Cross Member may be notched for fuel pump, oil pan, dry sump pump. Upper A-Frame perch may be altered. Tubular upper A-Frame optional. Lower A-Frame mounts must remain stock. No Tubular lower A-Frame permitted.

Stock frames may be replaced by 2" x 3" min. .095" box tubing, 22" behind ball joints, rearward. 5" or 5 1/2" springs only (front and rear), Leaf or half leaf optional. Front spring perch can not exceed top of snout. Maximum left side weight 58%. Minimum ground height on frame is 4".

**MOTOR LOCATION: V-8**

All general motors engines must be located so that the center of #1 spark plug hole on the right side of the engine block is in line of the front spindle. Ford and Chrysler engines must be located so that the forward edge of the right side cylinder head is in line with the center line of the front spindle. The center of the crankshaft must be within one-half (1/2) inch of the centerline of the tread width, both front and rear.

Engine ground clearance will be measured from the center of the crankshaft pulley mounting. A minimum height of 10" from the center of crankshaft to the ground must be maintained at all times.

**V-6**

All V-6 engines may be located so that #1 spark plug hole on right side is a maximum of 6" behind spindle center line. 10" crankshaft height min.

**Category II**

Weight 2850, wheel base 101" min., tread width 64.5" max.

Tubular Snout

Minimum ground hgt. on frame is 4".

Frame must be box tube, min. .095 - 2" x 3"

Spring and shock combination and location is optional.

**MOTOR LOCATION**

V-8 Same as category I

V-6 Same as category I

2 inch set back allowed

\* Weight will be added as needed in order to keep these cars competitive.

**GENERAL**

1. Anything not specified in rules must be stock and in original position.
2. American made cars 1955 and up, 108" wheel base, 3000 lb. min., 358 cu. in. max.
3. A maximum ~~57%~~<sup>55%</sup> total left side weight which includes the driver, is allowed.

**ENGINE**

1. ~~NO~~ cold air boxes are allowed.
2. Stock size lifter bore only.
3. No engine interchange between makes. Any cubic inch flat top piston engine. Must have stock stroke. Size of engine must be displayed in 3" letters on hood.
4. Any flat tappet camshaft. Rocker arms optional.
5. Stock cast iron heads as available from manufacturer. Aluminum intake optional (no porting or polishing). Maximum 2" adapter plate may be used on intake. No high riser intake manifolds are allowed. Botie intake optional. Dart Cast Iron Heads ~~must add 50 lbs.~~<sup>no penalty</sup>
6. Carburetor: Holley two barrel 350 cfm only, original serial numbers must be intact. No modification to carburetor. Choke plate and assembly may be removed.
7. Must be self starting. No electric fuel pumps. Dual point or stock electronic ignition o.k.
8. Engine position: #1 plug on right side must align with ball joint.

**DRIVE TRAIN - CHASSIS AND SUSPENSION**

1. Production passenger car transmissions and rear ends, automatic or standard. No aluminum flywheel. Quick change optional.
2. Front axle/spindle/ball joint assemblies may be reinforced or heavier duty unit may be installed (safety hub optional).
3. One shock absorber per wheel. Sway bars of stock design permitted. May run wedge bolts front and rear.

**FRAME**

1. Stock frame. (May be reinforced). Suspension type and location must remain stock. Trailing arms must be equal length and stock position.
2. Uni-body frame sections may be connected as part of roll cage construction. Approved upper A-frames must mount in original position. No frame lower than 5" from ground.
3. **Fabricated rear frame** clips must add 50 lbs. Rear clip can be cut at center of axle tube backward and be replaced with 2 x 3 .095 tubing for safety without a 50 lb. penalty.
4. Rear springs must mount on top of axle or in front of axle. No rear springs behind axle housing. No truck trailing arms allowed. Large diameter springs only.

**BODY AND APPEARANCE**

1. Body must be stock appearing. No lowering, narrowing, chopping, enlarging of windows, etc. Alterations or customizing to gain any advantage is prohibited. Steel, FiberGlass, or Aluminum allowed.
2. Wheel openings may be enlarged to a maximum of 4" above the tire. Tight rear fire wall.
3. Must have stock size windshield in stock position. May be replaced with Lexan.
4. Stock-type bumpers only.
5. Grilles may be replaced with presentable alternative.
6. Cars must be painted and numbered. If wrecked, appearance must be corrected within two weeks.
7. 5" high rear spoiler maximum length 60" permissible. No front spoilers.
8. Stock wheel base for make and year of body.
9. No Cameros or Firebirds

**WHEELS, TIRES AND BRAKES**

1. Steel wheel maximum inside rim width 10".
2. Tires will be available to all drivers and subject to track inspection.  
Tire rule: ~~F60 Hoosier~~ McCreary EC 30 MIR Tires Only
3. Stock-type brakes. Neal pedals optional.

## 1992 STREET STOCK - MIR

### GENERAL

1. American made 2 door sedans 1960-up. (NO Camaro, Firebirds, Mustangs, etc.) with minimum wheel base of 108".
2. Minimum weight 3000 lbs. - maximum left side weight 55% of total.
3. Fuel cells required with maximum 22 gallon capacity centered between frame rails.

### ENGINE & DRIVE TRAIN

1. Maximum 400 C.I.D. with .030 over bore. V8 engines only.
2. Flat top pistons only. (NO DOME PISTONS)
3. Must be stock crankshaft. (No after market) Cannot run 400 crank in 350 block and cannot run 350 crank in 400 block.
4. Stock length rods. (NO after market)
5. Any hydraulic crankshaft permitted - no roller-no mushroom lifters.
6. Any cast iron head-oversize valves permitted.
7. Stock rockerarms only-any valve spring permitted.
8. Balancing permitted.
9. Any stock cast iron automobile intake or any stock 2 bbl aluminum intake permitted with maximum 1" spacer. Intake Victory Jr. 4 Inch (optional)
10. No porting or polishing-no matching ports.
11. Stock single point or stock electronic ignition only.
12. Headers permitted. (NO 180 degree). Must exit behind driver.
13. Cold air boxes permitted.
14. Clutch, pressure plate and flywheel must be stock, cannot be lightened (corvette, L-88 fly wheel PERMITTED). Triple disc clutch -optional.
15. Standard automatic transmission permitted. Automatics must run torque converter, no external oil coolers.
16. Stock rear ends only-locked rear end OK-mini steel spool OK-stock ring gear carrier must be used.
17. Engine may be positioned no farther back than forward most spark plug in line with upper ball joints. NO TOLERANCE. Engine must be in center of tread width, 1/2" tolerance.
18. Crankshaft ground clearance minimum 11"
19. Must run steel bell housing or belting scatter shield. Bottom part of steel bell housing must have inspection plate to allow checking of flywheel & pressure plate.

### CARBURETION

1. Holly 7448 350 CFM only. No modifications except removal of choke shaft and butterfly.

### SUSPENSION

1. All front and rear suspension parts must remain stock with exception of coil springs. 4 jack bolts/racing shocks permitted. (NO small diameter coils.)
2. Stock type sway bar (mounting optional).

### FRAME

1. Frame must be stock. Shorting is permitted for use of older model frames. (Frame interchange between makes is permitted). - only between Dodge & Ford
2. Minimum frame and body height 5" from ground.

### BODY

1. Body must be stock from factory from front bumper to rear bumper.

2. Hulling is permitted, but front firewall, floorpan, rocker panels, roof panel and quarter panels must remain as one unit.
3. Floor pan from rollcage behind seat rearward may be hulled out and replaced with steel or aluminum tight firewall.
4. NO aluminum may be used for patching or closing out from rollcage behind seat forward to front firewall. Steel of minimum 22 gauge must be used.
5. Fender wells may be trimmed for tire clearance.
6. All hoods must be steel. (NO ALUMINUM).
7. Grills may be replaced with mesh or screen wire.
8. Lexan 1/8" maybe used for front and rear glasses.
9. No side windows or shelves whatsoever.
10. Spoiler may be run with a maximum of 5" by 48" (nonadjustable)
11. Roof cannot be cut and lowered at any point.
12. Minimum roof height 48".

### TIRES & WHEELS

1. Tire Rule: Hoosier <sup>Commanche</sup> or McCreary 70 Series MIR Tires
2. Steel spoke or reinforced stock wheels only. Either 14" or 15" wheels. Not both on same car. Max wheel width 8". Wheel center must be in center of wheel. Large lug nuts required. Large studs recommended.

## 1992 PURE STOCK - MIR

### GENERAL

1. In all rules and in the interpretation thereof, it will be the final judgment of the official in charge to make rulings. ALL decisions of official in charge shall be final.
2. Anything not specified in rules must be stock, in original position, from original manufacturer.
3. American made cars 108" wheel base min.
4. Cars must weigh Min. 3300 lbs. with driver.

### ENGINE AND DRIVE TRAIN

1. Must be factory stock for make of car. Stock stroke. Max. .060 bore.
2. Stock type flat top or dish pistons. Hydraulic cam shaft only.
3. Stock cast iron heads as available from manufacturer (no porting or polishing). Stock cast iron intake (no porting or polishing). No off road or after market heads.
4. Stock transmissions only. May run remote cooler.
5. Stock rear ends for make any year (may change ratio). May run locked rear ends.
6. Battery must remain under hood. No cutting out firewall for battery box.
7. Carburetor: Holley two barrel 350 cfm only, original serial numbers must be intact. No modification to carburetor. Choke plate and assembly may be removed.
8. Stock ignition. Must be self-starting. No electric fuel pumps. No dual point or racing ignitions.
9. Engines must be in original stock position on stock engine mounts. Positively no engine setback.
- ~~10. One thousand (\$1,000) buy rule on engine minus carburetor, water pump, fuel pump, starter, and gauges.~~

### SUSPENSION

1. Front spindle/axle/ball joint assemblies may be reinforced, or heavier duty unit from another passenger car installed.
2. Stock frame for the year-model car. Frame may be reinforced. No notching or alteration to frame. Suspension type and location must remain stock.
3. Spring mountings will be in stock position.
4. Uni-body frame sections may be connected as part of roll cage construction. A-frames must be stock, may be reinforced but not altered.
5. One shock absorber per wheel only, in stock mounting position.
6. No frame lower than 6" from the ground.
7. No offset roll cage.

### BODY AND APPEARANCE

1. Remove all glass except front windshield.
2. No torching or cutting on body. (If car is wrecked, it may be beat out or replaced but not cut off.) Full stock body.
3. Front and rear wheel wells may not be removed. Door jams must remain stock. Trunk floor, hood and trunk lid, and roof may not be hulled. Hood and trunk lid must be on stock hinges. Radiator core support must be stock.
4. Body must be stock appearing in stock position on frame. No lowering, narrowing, chopping, enlarging of windows, etc.
5. Cars must have neat appearance.

### WHEELS, BRAKES AND TIRES

1. Steel wheel maximum width 9". Same offset. All wheels no more than 50/50 offset. Same as late model NASCAR
2. TIRE RULE: Commanche or McCreary 70 Series MIR Tires

Front may be removed  
Rear may be trimmed

## 1992 MIR RACE SCHEDULE

<b>MARCH</b>	14 28
<b>APRIL</b>	11 25
<b>MAY</b>	9 23
<b>JUNE</b>	6 20
<b>JULY</b>	4 18
<b>AUGUST</b>	1 15 <del>29</del> 5
<b>SEPTEMBER</b>	12 26

**OCTOBER**  
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