



2012 Silver Dollar Speedway Mini Stock Rules

SDS-MSRules-011212.1

THIS BOOK IS EFFECTIVE JANUARY 1, 2012 & SUPERCEDES ALL PREVIOUS RULES.

Interpretation of these rules or amendment to these rules may be made at any time. The rules and/or regulations set forth herein are designed to provide for the orderly conduct of racing events and to establish minimum acceptable requirements for such events. These rules shall govern the condition of all events, and by participating in these events, all registrants are deemed to have complied with these rules. No express or implied warranty of safety shall result from publications of, or compliance with these and/or regulations. They are intended as a guide for the conduct of the sport and are in no way a guarantee against injury or death to participants.

RULE BOOK DISCLAIMER:

The rules and/or regulations set forth herein are designed to provide for the orderly conduct of racing events and to establish minimum acceptable requirements for such events. These rules shall govern the condition of all events, and by participating in these events, all participants are deemed to have complied with these rules. **NO EXPRESS OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM PUBLICATION OF OR COMPLIANCE WITH THESE RULES AND/OR REGULATIONS.** They are intended as a guide for the conduct of the sport and are in no way a guarantee against injury or death to a participant, spectator or official. The race director shall be empowered to permit minor deviations from any of the specifications herein or impose any further restrictions that in his opinion do not alter the minimum acceptable requirements. **NO EXPRESSED WARRANTY OF SAFETY SHALL RESULT FROM SUCH ALTERATION OF SPECIFICATIONS.** Any interpretation or deviation of these rules is left to the discretion of the officials. Their decision is final. Referee's decision is final.

THE MANAGEMENT OF SILVER DOLLAR SPEEDWAY

AMB TRANSPONDERS ARE MANDATORY

AMB TRANSPONDERS | www.amb-it.com

Personal TranX260 Direct Powered Transponder: By far the most popular with drivers, the Direct Powered Transponder (DP) needs a quick two-wire connection to the car's battery to operate. Once mounted to the car using zip-ties or rivets, the DP Transponder requires no maintenance or upkeep.

Personal TranX260 Rechargeable Transponder: Ideal for cars that have a limited electrical system on-board or cars whose electrical system is an older 6 volt type, the Rechargeable Transponder offers drivers increased flexibility in operation. For example, the transponder can be easily switched from car to car where a driver races two cars during a weekend. Though the transponder does need recharging after 5 days of operation, its special charging cradle is designed to prolong the battery life when not in use.

SEATS: Only an approved racing seat may be used. Head rest or high backed seat mandatory. Seat must be secured to roll cage. Headrest must be secured to roll cage.

HELMET: Snell Institute approved SA2005 helmets or better only. No exceptions.

NECK BRACE: Required.

FIRE SUITS: One or two piece approved fire suits required.

GLOVES: Approved fireproof gloves mandatory.

HEADSOCK: Fireproof headsock or skirt headgear mandatory.

SHOES: Approved fireproof shoes recommended.

FIRE EXTINGUISHERS: Required in each pit with car number boldly placed on unit.

SEAT BELTS/HARNESS: Only approved aircraft type or racing specific belts are allowed. Lap belt must be 3" wide. Shoulder harness must be 1 ½" wide. Crotch strap mandatory. Belts must be securely mounted with grade five bolts with minimum 3/8" diameter. NO EXCEPTIONS. Eyebolts must be one piece with 3/8" shank minimum and pre-formed and welded hook. Belts will be replaced every two years. Belts must carry 2009 or newer date. ALL BELTS MUST BE SECURED TO THE ROLL CAGE ONLY.

ROLL-BAR PADDING: Required, including driver cage area and driver's side door bars. Consult with technical inspector for assistance.

WINDOW NET: Approved window net required on driver's side window.

PIT SPEED: 10 MPH. \$25 fine and 5 championship point penalty for speeding in the pits.

WEIGHT RULE: 2050 lbs. With driver and all drivers' equipment. Driver must not exit cockpit prior to weigh in.

TYPE OF CAR: Any American or foreign production economy sedan, coupe, station wagon or pick-up. No 4-wheel drive, rear or mid-engine cars. Maximum wheelbase of 100.5". Exceptions to the wheel base rule may be made on some stock mini-trucks that may exceed the 100.5" limit.

BODY/CHASSIS/PAINT/NUMBERS: Minimum 22 gauge steel or aluminum body, hood and roof panels. After market bodies OK. Must be firmly attached to secure mounting points. After market nose piece of plastic, fiberglass or rubberized materials OK. Body panels will be painted and numbered to the satisfaction of race officials. NO JUNK. Large and distinctive numbers easily read from the scoring booth will be required. Number on roof, left and right sides required. One or two digit numbers only. Example: 1 through 99 and 00 through 09, X and XX OK. No inappropriate lettering on cars.

1. Body may be altered in trunk area for fuel tank. Fuel tank must be behind rear axle. Fuel cell recommended.
2. Bumper may be replaced by any bumper no wider than the outside of the tire front & rear. NO SHARP EDGES. NO EXCEPTIONS. Wrap around bumpers only.
3. All body panels may be gutted. Doors will be safely welded or bolted shut. No roof openings.

4. Fender wells may be cut for tire clearance. No sharp edges.
5. Firewall and floorboard will be stock and in the stock locations.
6. Glass and flammables will be removed.
7. Rear deck lid spoiler OK. Maximum vertical height of 6.5" measured from deck lid.

BRAKES: Must have working brakes on at least 3 wheels. No cockpit adjustable proportioning valves. Disc brakes OK. No exotic metals. Calipers and rotors must be O.E.M. After market cockpit adjustable pedal assemblies are NOT allowed. Locking rear end does not constitute one brake. No cockpit adjustable devices. NO TOLERANCE..

- DRIVE TRAIN:**
1. On rear drive cars: a drive shaft safety hoop will be required 4" behind front u-joint. Hoop must be .25" thick - 1.50" wide steel strap.
 2. Flywheels and clutches: After market clutches or fly wheels OK. Must be steel. Clutch must be operable at ALL times.
 3. Stock automatic or manual transmissions allowed in stock location. All gears forward and reverse must be in working order.

REAR END: Stock type only. No exotic or quick change rear ends. Locked rear ends Ok.

ENGINE/CARBURETOR/IGNITION: Water cooled, stock as delivered in line 4 cylinder of 2600 cc's or less. Crossbreeding of head block and internal parts is allowed if they can be bolted together without alteration. Engine same manufacturer as chassis. Dual or single overhead cams ok, 4 valves per cylinder ok. No turbo chargers, no superchargers. NO EXOTIC METALS.

1. One stock 2 barrel 500 CFM carburetor is allowed. Stock 4412 is the maximum carb allowable. Oem electronic fuel injection OK. ECI unit may be reflashed or an aftermarket ECI may be used. Carburetor will be checked with Track Go-No-Go Gauge. If your carb is not a stock 4412 have it approved by the track before racing
2. Carburetor adapter will not exceed 2" in height from stock location. Blending adapter to manifold OK. Blending limited to 1.5" down from stock carburetor base.
3. Ignition will be stock or aftermarket. No magnetos. Distributors may be locked out for advanced system. After market coils allowed. Any type distributor may be used (i.e. crankfire, dual point or stock).
4. CAMS: Cam timing adjustment devices OK. Any hydraulic or solid camshaft may be used with any type of engine, no matter what make or model.
5. Not used
6. Mufflers mandatory. 95 db at 100 feet.
7. Aluminum intake manifold OK. Exhaust headers OK. Aftermarket or stock headers allowed.
8. Cockpit exhaust OK if shielded (by approved cockpit sheet metal. See tech inspector) from driver and exits behind driver. No exhaust may invade driver's side of cockpit.
9. Not used.
10. Any stock or aftermarket valve springs and retainers allowed. No exotic metals.
11. NO CYLINDER HEAD PORTING ALLOWED.
12. Firewall and floor pan must be in original stock position to the rear axle. No engine setback allowed.

- FUEL SYSTEM:**
1. Electric fuel pump OK. May not be glass or cockpit mounted. Kill switch required from outside car. Driver's side near dash. PAINTED WHITE.
 2. Fuel cell optional and recommended. Gasoline or alcohol only. Racing gasoline OK.
 3. Firewall required between fuel tank and driver. NO EXCEPTIONS.

4. Must have a ¼ turn shut off valve on the fuel line accessible to driver, and painted red. Must be in plain sight to right of driver.

SUSPENSION: 1. One shock or strut per wheel. Stock NON-ADJUSTABLE replacement shock, struts and springs are OK.

2. No weight jacks, adjustable struts or shocks, traction or ladder bars of any kind allowed.

3. Inner panel from strut tower back must remain intact.

4. From strut tower forward may be removed.

5. Quick or speedup steering allowed. (Recommended)

TIRES/WHEELS: 1. Tires not to exceed 8" in tread width.

2. Hoosier "Dirt Boss" is the specified tire at Silver Dollar Speedway.

3. No slicks, racing tires or racing recaps allowed. Tire grooving allowed.

4. Steel wheels only.

5. Maximum width of 8" bead to bead.

6. Any questions on other tire eligibility should be directed to the promoter or technical inspector.

ROLL CAGE/DOOR BARS:

CAGE WILL BE SAFE TO THE SATISFACTION OF THE TECHNICAL INSPECTOR. Roll cage padding required..

1. Full cage roll bars required with full loop frame over driver. These bars to be connected on top and both sides by another bar. Cage will be within 3" of the roof of the car and within 6" of sides of top. In back loop, running from top right to bottom rear at approx. 45 degrees there must be a bar. All bars will be safely welded together and /or bolted or welded securely to the frame with no less than 7/16" bolts. Must be welded to frame or sub frame filler on unibody cars. Gusseting on all bar junctions recommended. Mandatory ¼" hole to be drilled in driver's door bar for inspection. You may be asked to drill a .25" hole at any point, at any time, in the cage for inspection purposes. ALL BARS MUST BE OF 1 ½" x .095 or 1 ¾" x .095 minimum.

2. Three left side and minimum two (three recommended) right side horizontal or door bar ('X" bars OK on right side) are required (same material as cage). These bars must be attached by a minimum of one vertical bar of the same material (2 recommended).

3. Front horizontal cage loops allowed inside body in front of radiator. Mounting radiators to a bar with stock mounts removed OK. Two additional bars angled from top of cage to extend past rear axle to frame rail required.

4. No 2 way radios. Raceceivers recommended.

NO EXOTIC METALS.

WANTON VIOLATION OF RULES RECEIVES FINE, LOSS OF POINTS, & CONFISCATION OF OFFENDING PARTS.

RACE FORMAT AND RULES REGARDING PROCEDURE

A Pill Draw as designated by the Silver Dollar Speedway officials will determine the heat race starting line-ups.

All qualifying cars will be listed in order of start for each event on Pit Board prior to race.

All cars must start WITHOUT ASSISTANCE from the staging area for every initial start in every event. Cars requiring assistance on initial start prior to green flag start must go to the back of the pack. On board starters are REQUIRED. NO EXCEPTIONS.

The promoter (only) may conclude a race prior to the completion of it's scheduled distance.

A driver may NEVER switch cars during the course of a Silver Dollar Speedway event. A driver MUST compete in the car he has signed in with at the pit gate.

FLAGS:

RED FLAG - STOP, DANGEROUS CONDITION. Any car involved in a red flag will go to the back of the pack on the restart.

On a red flag, all work is permitted in the designated red flag work area only. To hold your position on a restart, your car must stay on the track. If you go to the pit area, you will lose your restart position. If a car is not ready in a timely manner after a red, they will lose their position and restart the race at the rear of the line-up.

BLACK FLAG - PLEASE EXIT TRACK IMMEDIATELY

Rough driving and/or unsportsmanlike conduct, loss of muffler or exceeding sound level, excessive smoking or other condition deemed a hazard to themselves or others will be black flagged. Car will be allowed to return to the race track after repairs have been made, during the next caution flag, but will be put to the rear of the field.

It is our intention to have a safe and fair environment. Please adhere to the rules herein. Approval of a vehicle shall only mean that the car is approved for participation. Approval does not mean the car is mechanically safe or sound. Silver Dollar Speedway, it's staff or management will not be liable for losses due to any mechanical failure, driver error, nor for any losses, injuries or death resulting from same.

If you are asked to report to post-race inspection, report to the tech area immediately after the race. DO NOT GO TO YOUR PIT AREA. All points for the night will be deducted. If you are not sure, go the tech area first. No crewmembers permitted within 20 feet of car during tech inspection. Any violations will result in a \$25 fine and deduction of 5 championship points.

No expressed or implied warranty of safety shall result from publication or compliance with these rules and regulations. They are intended as a guide to the sport and in no way guarantee against injury or death to a participant, or any other individual that enters the property.

Decisions of SILVER DOLLAR Speedway Official(s) are final and binding without exception. PROMOTER RESERVES THE RIGHT TO ADD OR DELETE EVENTS AS DEEMED NECESSARY. ALL DECISIONS WILL BE FINAL AT THE PROMOTERS DISCRETION.

**2010 STATE RULES ALLOWS NO LIQUID DUMPING
FACILITIES AT THE FAIRGROUNDS.**

Each race car that enters the fairgrounds pit area MUST have an empty container(s) approved by the management of SILVER DOLLAR SPEEDWAY that will hold at least 2 gallons of used oil (fluids) for collecting anything that may be drained out of the race car or tow vehicle at each event. These containers must be removed with the race car after every race and disposed of at an approved facility at the owner's expense. NO TIRES ARE TO BE LEFT AT SILVER DOLLAR SPEEDWAY.

SILVER DOLLAR SPEEDWAY
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