

2022 Shadybowl Speedway Street Stock Rules

INSPECTION EQUIPMENT USED BY AN OFFICIAL WILL BE THE STANDARD OF THE RACE TRACK AND ALL TESTS WILL BE FINAL. ALTERING OF A MANUFACTURING PART NUMBER WILL NOT BE PERMITTED. ANY PART FOUND WITH ALTERED PART NUMBERS WILL BE DISALLOWED IN COMPETITION. (EXAMPLE: SPRINGS AND SHOCKS MUST MAINTAIN ORIGINAL COLOR BY MANUFACTURER, CAN NOT REPAINT ANY SPRINGS OR SHOCKS.)

**NEW FOR THE 2022 SEASON. OUR TECH OFFICIALS WILL MAKE EVERY EFFORT TO PERMIT OUT OF TOWN CARS OR FIRST TIME CARS TO RACE WHEN THEY SHOW UP THE FIRST TIME AND HAVE SLIGHT VARIATIONS FROM OUR RULES, BY ADDING WEIGHT AND OTHER FORMS OF PENALTIES FOR THAT ONE NIGHT. THE 2ND TIME ALL PENALTIES WILL BE DOUBLED AND WILL CONTINUE TO DOUBLE UNTIL SAID CAR CONFORMS TO MEET OUR RULES. WEEKLY RACERS THIS IS NOT A 1 WEEK TO FIX THE PROBLEM PASS. BUILD CARS THAT FIT THE RULES.

1. THIS DIVISION IS LIMITED TO 1955 TO PRESENT AMERICAN MADE AUTOMOBILES AND TRUCKS. FRAME AND BODY MANUFACTURERS DO NOT HAVE TO MATCH.

2. BODY

BODY MUST BE STOCK STEEL. STOCK BODY REQUIREMENTS WILL BE INTERPRETED AS A MINIMUM OF STOCK ROOF, INCLUDING A & C PILLARS, QUARTER PANELS AND FRONT FENDERS OF MODEL AND YEAR OF CAR RAN. ALL WINDSHIELD AND REAR GLASS EDGES MUST REMAIN INTACT. FENDERS & QUARTERS MUST RETAIN TOP EDGE WITH 3" OF STEEL ON SIDE IF REMADE WITH STEEL OR ALUMINUM.

WHEEL OPENINGS MAY BE TRIMMED FOR TIRE CLEARANCE. FRONT INNER FENDER WELLS MAY BE REMOVED SO LONG AS COMPLETE FRONT FIREWALL REMAINS (FIREWALL CAN BE REPLACED WITH STEEL OF THE SAME THICKNESS AND IN STOCK LOCATION.) TRUNK AREA FLOORBOARD MAY BE REMOVED. REAR INNER FINDER WELLS MAY BE REMOVED, HOWEVER FLOORBOARD MUST EXTEND BACK TO THE POINT WHERE THE STOCK REAR FIREWALL AND FLOOR JOIN. DOORS MUST BE BOLTED OR WELDED SHUT. ROCKER PANELS MAY BE REMOVED. BODY, INCLUDING FRONT NOSE PIECE, MUST MAINTAIN A MINIMUM 4" GROUND CLEARANCE WET WITH DRIVER. RUB RAILS BETWEEN WHEEL OPENINGS NO WIDER THAN 1.5" MOUNTED FLUSH WITH THE BODY ARE PERMITTED. NO SHARP EDGES.

DOOR SKINS AND TRUNK LID MAY BE REPLACED WITH ALUMINUM, PROVIDED THEY REMAIN STOCK APPEARING. HOOD COW INDUCTION OF NO MORE THAN 3" WILL BE PERMITTED. HOODS ARE TO BE SECURED BY A MINIMUM OF 4 HOOD PINS. 3" HOOD

SCOOP MAX. HOOD MAY BE ALUMINUM, STEEL, OR FIBERGLASS. NO REAR SPOILERS ALLOWED EVEN IF CAR CAME FACTORY EQUIPPED!!

AFTERMARKET, MANUFACTURED STREET STOCK BODIES, (AR, FIVE STAR, PERFORMANCE) WITH NO ADVANTAGE, MAY COMPETE WITH A 100 LB. PENALTY. NO REAR SPOILERS ALLOWED EVEN IF CAR CAME FACTORY EQUIPPED!!

3. BUMPERS/COVERS (2 OPTIONS)

CARS MANUFACTURED WITH STEEL BUMPERS ARE ALLOWED TO RUN STEEL BUMPER EXTERIOR ONLY. NO OEM OR TUBING REINFORCEMENTS ALLOWED. 2 HORIZONTAL BARS PARALLEL WITH FRAME ARE ALLOWED. NO DIAGONAL BRACING.

BUMPERS OF OEM STYLE MUST BE BLENDED FROM EDGE OF BUMPER TO FENDERS/QUARTER PANELS WITH 72,000THS OR HEAVIER METAL BOLTED TO BUMPER AND FENDER.

CARS WITH PLASTIC NOSE/BUMPER COVERS: METAL SUPPORT WILL CONSIST OF 1 3/4 ROUND OR SQUARE TUBING .095 THICKNESS. MUST BE HOLLOW WITH OPEN ENDS. NO DIAGONAL SUPPORTS. CORNERS MUST BE ATTACHED TO FENDERS AND QUARTER PANELS.

4. WINDOWS

ALL EXTERIOR GLASS EXCEPT FRONT WINDSHIELD MUST BE REMOVED. FRONT WINDSHIELD MUST BE REPLACED WITH 1/8" LEXAN / POLYCARBONATE. NO PLEXIGLASS. WINDOW AND DOOR LATCH MECHANISMS MUST BE REMOVED. THE ANGLE THAT FRONT WINDSHIELD MAKES WITH HORIZONTAL MUST BE A MINIMUM OF 25 DEGREES. REAR AND SIDE WINDOWS ARE PERMITTED, BUT MUST BE LEXAN.

5. SUSPENSION

STOCK SUSPENSION MUST BE MAINTAINED WITH THE EXCEPTION OF THE FOLLOWING: WEDGE BOLTS OR JACKING DEVICES ARE ALLOWED. ONE SHOCK PER WHEEL. SHOCKS MAY BE MOVED TO ALLOW FOR JACKING DEVICE. NO BUMP STOPS OR SUSPENSION TRAVEL LIMITING DEVICES. NO COIL BINDING. ONE SPRING RUBBER PER SPRING. NO PROGRESSIVE RATE SPRINGS.

SWAY BAR: ADJUSTABLE SWAY BAR ALLOWED. OEM STYLE MAXIMUM DIAMETER 1 1/4". AFTER MARKET DRAG LINK PERMITTED WITH OEM INNER TIE RODS. AFTER MARKET TOP

A-ARMS ALLOWED AND MAY BE RELOCATED, BUT MUST HAVE A CROSS SHAFT, NO HEIM ENDS. NO ALUMINUM SUSPENSION PARTS. NO RACK AND PINION STEERING.

MAXIMUM TREAD WIDTH 78" OUTSIDE TIRE TO OUTSIDE TIRE, AT SPINDLE HEIGHT. OUTER TIE RODS CAN BE STEEL SLEEVE AND HEIM. NO MADE FOR RACING SPINDLES. CAST DROP SPINDLES ARE ALLOWED.

6. SHOCKS

SHOCKS MUST BE STEEL BODIED SEALED ECONOMY.
ALTERING OR CHANGING OF SHOCKS

1ST OFFENSE--\$250.00 FINE PLUS CAN NOT COMPETE IN FOLLOWING 4 RACES.
(RAIN OUTS DO NOT COUNT) LOSS OF SHOCK/SHOCKS.

2ND OFFENSE--\$1000.00 FINE PLUS SUSPENSION OF 1 YEAR FROM DATE.

7. REAR ENDS

ANY STOCK PASSENGER CAR REAR END. NO QUICK CHANGES. REAR ENDS MUST BE LOCKED WITH FULL OR MINI SPOOL. NO POSITIVE TRACTION UNITS BY ANY NAME OR TYPE PERMITTED 9" FORD REAR END WILL BE ALLOWED. MUST BE MOUNTED IN STOCK POSITION WITH STOCK FRAME MOUNTS AND REAR END MOUNTS. NO AFTERMARKET PARTS ALLOWED, OTHER THAN 9" FORD REAR END. 9" STEEL FLOATER REAR ENDS ARE ALLOWED.

8. FRAME

MUST BE A MINIMUM OF 108" WHEELBASE. MUST BE COMPLETE WITH STOCK COMPONENTS FROM FRONT OF GEAR BOX TO 7" BEHIND CENTERLINE OF REAR END. FRAME MUST BE STOCK WIDTH SIDE TO SIDE AS FACTORY FOR TYPE OF FRONT/REAR CLIP. FACTORY LEAF SPRING UNI-BODY CHASSIS WITH SQUARE TUBING MUST BE A FACTORY WIDTH. NO WIDENING OR NARROWING OF ANY CHASSIS. SPRINGS MUST BE IN STOCK LOCATION. (NO UNDER SLUNG CHASSIS PERMITTED, IF YOU HAVE ONE YOU MUST TALK TO TECH FOR A SOLUTION SO YOU WILL BE PERMITTED TO RACE. PENALTIES WILL APPLY) REAR ENDS MUST BE LOCATED ON STOCK MOUNTING POINTS, WITH STOCK TRAILING ARMS. WITH THE EXCEPTION OF SPEEDWAY MOTORS STOCK LENGTH TRAILING ARMS. LEAF SPRING CARS MUST HAVE ONLY 1 FRONT SPRING MOUNTING LOCATION. 1 HOLE ONLY.

LEAF SPRINGS AND COIL SPRINGS MUST BE STEEL. ONE SPRING RUBBER PER SPRING. NO PROGRESSIVE RATE SPRINGS. NO COMPOSITE MATERIALS. NO FIBERGLASS. NO ALUMINIUM. LEAF SPRING CARS CAN USE MULTIPLE HOLD ADJUSTABLE REAR SHACKLES WITH NO WEDGE BOLTS OR SINGLE HOLE NON ADJUSTABLE REAR SHACKLES WITH WEDGE BOLTS (1 TYPE PERMITTED PER CAR ONLY) CARS THAT HAVE THE SLIDERS ON REAR OF LEAF SPRING ARE NOT PERMITTED TO HAVE WEDGE BOLTS IN REAR.

9. ROLL CAGE

FULL CAR REQUIRED. CAGE MUST NOT BE OFFSET AND MUST BE PERIMETER TYPE. THE WIDTH OF THE TOP ROLL CAGE BARS (HALO) MUST BE A MINIMUM OF 75% OF THE WIDTH OF THE FRAME RAILS WHERE THE CAGE ATTACHES. HALO SHOULD COVER OVER 50% OF THE WIDTH OF THE TOP BEING USED, WITH 4 UPRIGHTS WELDED TO FRAME. TOP OF CAGE SHOULD FORM A BOX AND FOLLOW THE CONTOUR OF THE WINDSHIELD IN FRONT AND REAR. FRONT ENGINE COMPARTMENT LOOP CONNECTED TO ROLL CAGE AND EXTENDING IN FRONT OF ENGINE AND A REAR LOOP BEHIND FUEL TANK IS MANDATORY. ALL CAGE MATERIAL MUST BE ROUND STEEL TUBING AT LEAST 1.625" OD EITH .095" THICKNESS. NO GALVANIZED OR SQUARE TUBING PERMITTED. THREE DOOR BARS ARE REQUIRED ON DRIVER SIDE AND TWO ON PASSENGER SIDE. GUSSETS SHOULD BE USED WHERE POSSIBLE. BARS AROUND DRIVER MUST BE PADDED WITH APPROVED PADDING. SF SPEC 45.1 PADDING IS RECOMMENDED. CAGES MUST BE APPROVED.

10. INTERIOR

ALL STOCK SEATS MUST BE REMOVED. FRONT SEAT MUST BE REPLACED WITH AN ALUMINUM RACING SEAT WITH HEADREST. DRIVER'S SEAT MOUNTING BRACKETS MUST BE ATTACHED TO THE ROLL CAGE. SEAT MUST BE SECURED. DASHBOARD, DASH GAUGES, RADIO AND INSTRUMENTS MUST BE REMOVED. INNER DOOR PANELS, INTERIOR DOOR TRIM AND FLOOR COVERINGS MUST BE REMOVED. ANY HEAT REFLECTIVE MATERIAL USED ON THE FLOOR OR FIREWALL MUST BE NON-FLAMMABLE. ALL CARS MUST HAVE COMPLETE FRONT FIREWALL (FIREWALL CAN BE REPLACED WITH STEEL OF THE SAME THICKNESS AND IN STOCK LOCATION) AND TRANSMISSION TUNNEL. IF FLOOR PAN IS FABRICATED, IT MUST BE STEEL AND IN STOCK LOCATION. NO ALUMINUM INTERIOR. NO BOXING INSIDE THE 4 UPRIGHTS. PASSENGER FLOOR MAY BE RAISED A MAXIMUMJ OF 4" NOT TO EXCEED TOP OF TUNNEL FOR EXHAUST CLEARANCE.

11. WEIGHT

CARS MUST WEIGH A MINIMUM OF 3100 LBS., ACCORDING TO OUR SCALES, WITH DRIVER AFTER RACE, WITH NO FUEL ADDED. LEFT SIDE WEIGHT IS NOT TO EXCEED 58%. CAMARO LEAF SPRING CARS WITH SQUARE TUBING BEFORE REAR WHEELS (NOT STOCK FRAME RAILS) WILL NOT EXCEED 56% LEFT SIDE WEIGHT. WEIGHT MUST BE PAINTED WHITE WITH # ON IT. WEIGHT MUST BE MOUNTED ON FRAME WITH A MINIMUM OF TWO 1/2 BOLTS. ANY CAR LOOSING WEIGHT ON TRACK WILL BE FINED \$10 PER LB. FINE MUST BE PAID BEFORE RETURNING TO RACE.

12. ENGINE

ENGINE BLOCK AND CYLINDER HEADS MUST BE CAST IRON. VALVE COVERS AND OIL PAN MAY BE CHANGED. ANY INTERNAL MODIFICATIONS ARE PERMITTED. ANY CAST

IRON OR ALUMINUM, CARBURETED INTAKE MANIFOLD MAY BE USED. ENGINE MUST BE LOCATED SO THAT THE FORWARD MOST SPARK PLUG IS EVEN WITH OR IN FRONT OF A LINE CONNECTING THE TOP BALL JOINTS. IN ORDER TO KEEP THE COST DOWN WE ARE GOING TO ALLOW GM CRATE ENGINE PART #19258602. WITH THIS MOTOR OPTION YOU CAN USE UP TO A 750 DOUBLE PUMPER AND MAY BE A WEIGHT BREAK IN THE FUTURE.

13. CARBURETION

CARBURETION LIMITED TO ONE TWO BARREL US MANUFACTURED UNIT OR DUAL INLET 4 BARREL. DOUBLE PUMPERS UP TO 750. NO DOMINATOR BASE CARBURETORS, NO DEMOND CARBS, NO PREDITOR CARBS OR PARTS THERE OF. MAXIMUM OF 1 1/4 CARBURETOR SPACER INCLUDING ADAPTER PLATE.

14. IGNITION

NO MAGS OR MULTIPLE COIL TYPE IGNITIONS. MSD BOXES MUST BE MOUNTED ON RIGHT SIDE OF CAR AND OUT OF REACH OF DRIVER.

15. EXHAUST SYSTEM

EXHAUST MANIFOLD MAY BE REPLACED WITH HEADERS. EXHAUST PIPES MAY BE REPLACED, BUT MUST EXIT UNDER CAR AND BEHIND THE DRIVER WITH TURNDOWNS. NO 180'S OF ANY TYPE OR CROSSOVER HEADERS.

16. BATTERY/STARTER

ALL CARS MUST HAVE WORKING STARTER (MOUNTED IN STOCK LOCATION) AND BATTERY. ALL BATTERIES MUST BE SECURELY MOUNTED AND COMPLETELY COVERED IF IN DRIVERS COMPARTMENT.

17. RADIATORS

MAY BE REPLACED SO LONG AS IT DOES NOT ALTER SHEET METAL. MUST HAVE AN OVERFLOW TANK OF NO LESS THAN 2 QUART CAPACITY OR HAVE THE OVERFLOW HOSE DIRECTED UP ONTO THE WINDSHIELD. NO GLYCO BASED ANTIFREEZE COOLANT PERMITTED.

18. FUEL CELLS

MAXIMUM 22 GALLON COMMERCIALY MADE FUEL CELL BLADDER WITH FOAM INSERT REQUIRED. CELL MUST BE MOUNTED IN A RECTANGULAR CAN MADE OF MAGNETIC STEEL. PLASTIC FUEL CELLS WILL NOT BE PERMITTED. CELL MUST BE MOUNTED IN TRUNK AREA, BETWEEN FRAME RAILS WITH BOTTOM OF CELL NO LOWER THAN THE

CENTERLINE OF THE REAR AXLE. CELLS MUST BE SECURED BY A FRAME WORK USING A MINIMUM OF 1" SQUARE TUBING THAT IS ATTACHED TO THE MAIN FRAME RAILS. ALL FUEL SYSTEMS ARE SUBJECT TO INSPECTION AND APPROVAL.

19. FUEL LINES

FUEL LINES SHOULD BE SECURELY MOUNTED AND PROTECTED. FUEL LINES RUNNING THROUGH THE DRIVERS COMPARTMENT MUST BE HIGH PRESSURE AIRCRAFT OR COMPLETELY COVERED BY METAL SHIELDING. NO ELECTRIC FUEL PUMPS PERMITTED.

20. FUEL

ONLY STRAIGHT GASOLINE OR RACING FUEL IS PERMITTED. NO NITRO ADDITIVE OR ALCOHOL PERMITTED.

21. DRIVE TRAINS

TRANSMISSIONS MUST BE STOCK TYPE, MANUAL OR AUTOMATIC, AND MUST HAVE BOTH FORWARD AND REVERSE GEARS. MULTI DISC CLUTCHES WILL BE PERMITTED. DRIVE SHAFTS MUST HAVE AT LEAST ONE 360 DEGREE SAFETY STRAP/LOOP DIRECTLY BEHIND FRONT UNIVERSAL JOINT. 9" FORD REAR END MAY BE USED IN ANY CAR SO LONG AS ORIGINAL SUSPENSION MOUNTING BRACKETS ARE USED. FLOATER REAR ENDS WITH ALL STEEL HOUSINGS AND AXLE TUBES WILL BE PERMITTED. DRIVE SHAFT MUST BE PAINTED WHITE. NO ALUMINUM DRIVE SHAFTS PERMITTED.

22. WHEELS

MAXIMUM 8" WHEEL WIDTH PERMITTED. ALL WHEELS MUST BE STEEL RACING TYPE. ALL WHEEL LUGS MUST BE 5/8" WITH AT LEAST 3 THREADS SHOWING BEYOND LUG NUTS.

23. BRAKES

BRAKES MUST BE STEEL OEM TYPE. (SINGLE PISTON CALIPERS ONLY) OPERATIVE ON ALL 4 WHEELS, DRUM OR DISK. MUST MAINTAIN MINIMUM OEM DIMENSIONS FOR HUB/ROTOR AND CALIPERS, CANNOT BE DRILLED OR LIGHTENED. BOLT PATTERN MAY BE CHANGED. LARGER STUDS ALLOWED. NO SCALLOPED OR DRILLED ROTORS.

24. TIRES

AMERICAN RACING TIRES ARE PERMITTED. 970 AR. NO TIRE SOAKING OR DRESSING. NO RECAPS. ONE (1) NEW TIRE PER NIGHT OR RACING. ALL TIRES WILL BE BRANDED.

25. SAFETY EQUIPMENT

ALL DRIVERS MUST BE PROTECTED AT ALL TIMES WITH NOMEX SF 3 2 A/5 FIRE SUIT, SEAT BELTS, SHOULDER HARNESS, HEADREST, AND HELMET WITH A SA2015 OR LATER SNELL RATING. SF 3 3/5 GLOVES, SF 3 3/5 DRIVING SHOES AND FIRE RESISTANT UNDERWEAR ARE HIGHLY RECOMMENDED. SHOULDER AND SIDE HEAD RESTRAINTS AS PART OF THE RACING SEAT ARE HIGHLY RECOMMENDED. SEAT BELTS AND HARNESS ARE REQUIRED TO BE A FIVE POINT SYSTEM WITH LOWER CROUCH BELT (SIX POINT SYSTEMS ARE RECOMMENDED) MOUNTING ATTACHMENT BAR FOR SHOULDER HARNESS MUST BE AT SHOULDER HEIGHT OF THE DRIVER AND HARNESS SHOULD NOT BEND OR CHANGE DIRECTION AS IT GOES THROUGH THE SEAT. BELT SYSTEMS MUST BE A MINIMUM OF 3" SF APPROVED UNITS LESS THAN 3 YEARS OLD. ALL CARS MUST HAVE A WEB STYLE WINDOW NET ON THE LEFT SIDE WINDOW OPENING WITH A SEAT BELT LATCH MECHANISM ON THE TOP FRONT CORNER. NO CORD OR ROPE TYPE NETS. HIGH IMPACT ROLL BAR PADDING REQUIRED WHEREVER THE DRIVER CAN REACH. FIRE EXTINGUISHER OF B OR C DRY POWDER TYPE OR EQUIVALENT MUST BE IN EVERY CAR AND BE EASILY ACCESSIBLE TO BOTH DRIVER AND RIGHT SIDE WINDOW. A QUICK RELEASE MOUNT IS MANDATORY. EACH CAR SHOULD HAVE A FULLY CHARGED 10 TO 13 POUND B OR C TYPE FIRE EXTINGUISHER IN ITS PIT AREA.

26. MIRRORS/RADIOS

MIRRORS AND/OR TWO WAY RADIOS ARE NOT PERMITTED IN THE CAR OR IN THE DRIVERS EQUIPMENT. ALL DIVISIONS MUST HAVE A RACECEIVER RADIO SYSTEM.

27. PAINTING

MUST BE PRESENTABLE AND LOOK PROFESSIONAL. NUMBERS MUST BE AT LEAST 18" TALL ON BOTH DOORS AND 4" IN UPPER RIGHT HAND CORNER OF WINDSHIELD. NUMBERS MUST BE IN CONTRASTING COLOR FROM THE BODY/DOOR COLOR.

28. INSPECTION

INSPECTION OF ALL CARS WILL BE SUBJECT TO OFFICIAL APPROVAL. WORKMANSHIP AND APPEARANCE OF CARS WILL BE A DETERMINING FACTOR IN WHETHER OFFICIALS PERMIT CARS TO ENTER COMPETITION. UPON CARS FIRST APPEARANCE OF SEASON, CAR WILL BE INSPECTED. IF FOUND ILLEGAL CAR WILL NOT BE PERMITTED TO COMPETE UNTIL IT PASSES INSPECTION. OFFICIALS ARE NOT

OBLIGATED TO ANY GRACE PERIOD ON RULE INFRACTIONS AT ANY TIME. OFFICIALS DECISIONS ARE FINAL.

THE TECH DIRECTOR SHALL DETERMINE IF CAR IS BUILT TO RULES AND ABLE TO PARTICIPATE (NO GRACE PERIODS WILL BE GIVEN) HEREIN OR IMPOSE FURTHER RESTRICTIONS THAT IN HIS OPINION DO NOT ALTER THE MINIMUM ACCEPTABLE REQUIREMENTS. NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM PUBLICATION OF OR COMPLIANCE WITH THESE RULES 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.

ANY CAR FOUND ILLEGAL BEFORE QUALIFYING WILL NOT BE PERMITTED TO QUALIFY. IF FIXED BEFORE FEATURE, MUST START THE TAIL OF THE FEATURE. IF FOUND ILLEGAL AFTER THE FEATURE DRIVER WILL RECEIVE LAST PLACE POINTS AND LAST PLACE MONEY.

REVISED FOR 2022