

SANDUSKY SPEEDWAY

2020-2023 PURE STOCK RULES

IMPORTANT NOTICE: THE FOLLOWING SPECIFICATIONS HAVE BEEN PREPARED BY THE SANDUSKY SPEEDWAY OFFICIALS

FOR THE CONSTRUCTION OF SANDUSKY SPEEDWAY PURE STOCK CARS. NO EXPRESS OR IMPLIED WARRANTY OF SAFETY

SHALL RESULT FROM PUBLICATIONS OF OR COMPLIANCE WITH RULES. THEY ARE INTENDED AS A GUIDE AND ARE IN

NO WAY A GUARANTEE AGAINST INJURY OR DEATH TO PARTICIPANTS, SPECTATORS OR OTHERS.

NO EQUIPMENT WILL BE CONSIDERED AS HAVING BEEN APPROVED BY REASON OF HAVING PASSED THROUGH INSPECTION UNOBSERVED. ANYTHING NOT COVERED BY THESE GUIDELINES SHOULD BE APPROVED BY THE EVENT DIRECTOR OR CHIEF TECH INSPECTOR AND BE PLACED IN WRITING. TECH INSPECTOR WILL HAVE THE FINAL DECISION.

NOTICE: THESE RULES HAVE BEEN DEVELOPED FOR THE FUN OF RACING IN A LOW COST FASHION. THIS REQUIRES LIMITS IN VARIOUS AREAS TO KEEP COMPETITION EQUAL AND FAIR FOR ALL PARTICIPANTS. IN

ORDER TO ACCOMPLISH THIS IF IT DOESN'T SAY YOU CAN – DON'T. WITH THE HELP AND CONSIDERATION

OF THE PARTICIPANTS, THIS CAN BE ACCOMPLISHED. TRY TO LIVE WITHIN THE SPIRIT OF THE RULES. IF YOU

HAVE QUESTIONS, PLEASE CONTACT CHRIS MIZE

ANY CAR DEEMED TO BE UNSAFE BY TRACK OFFICIALS WILL NOT BE ALLOWED TO COMPETE

1. CAR BODY AND FRAME

A. AMERICAN PASSENGER CAR WITH 108-INCH WHEEL BASE MINIMUM, FULL FRAME AND MUST BE LEFT

STOCK. NO UNIBODYS

B. FOOTBOX'S ARE ALLOWED, INTERIOR CAN BE FULLY DECKED TO TOP OF DOOR, FABRICATED FIREWALL ALLOWED BUT DOES NOT HAVE TO BE STOCK LOCATION, REAR FIREWALL REQUIRED IN NON-FOOTBOXED CARS

C. NO JEEPS, STATION WAGONS, CONVERTIBLES, VANS, FOUR WHEEL DRIVE CARS, OR FRONT WHEEL DRIVE

CARS. ANY BODY STYLE MAY BE MOUNTED TO ANY CHASSIS (STEEL ONLY). FORD / CHRYSLER / MERCURY / ETC,

BODIES ON GM METRIC CHASSIS (VICE / VERSA). FRAME & CHASSIS, ENGINE, TRANSMISSION AND REAR END

MUST BE OF THE SAME MANUFACTURER.

AFTERMARKET STOCK APPEARING BODYS, NO WEDGE BODIES !

NO FLAT SIDES.

D. NO MODIFICATIONS TO FRAME, EXCEPT CAN TUBE REAR CLIP FROM BEHIND TIRE, X CHASSIS, CROSSMEMBER CAN BE NOTCHED FOR OIL PAN CLEARANCE AND SIDE OF FRONT SPRING POCKETS CAN BE CUT OUT TO ADJUST FRONT POCKETS (BUT MUST BE INSPECTED BY TECH FOR STRUCTURAL SAFETY)

COMPONENTS. WHEEL BASE MUST BE WITHIN 1" OF ORIGINAL MANUFACTURE SPECIFICATIONS.

E. FRAME HEIGHT MINIMUM 6". (FRAME MUST BE NOTCHED ATLEAST 3" WIDE ON BOTTOM OF FRAME FOR GAUGE TO FREELY SLIDE THRU)

F. ALL BODY PANELS BODY ALLOWED 3" MINIMUM

NO WICKERS ON SPOILERS.

ONLY 4 2" HOLES IN BACK ONLY. NO HOMEMADE BODIES. MAXIMUM 6" SPOILER. NOT TO EXCEED THE WIDTH

OF THE TOP OF THE QUARTERS. LEXAN WINDSHIELD AND REAR WINDOW PERMITTED. NO WINDOW DEFLECTORS.

G. HOODS MUST HAVE 4 HOOD PINS AND 4 PINS IN TRUNK LID. H. BUMPERS MUST HAVE A CHAIN ON BOTH FRONT AND REAR.

I. 3 INCH MIRROR ON A-POST ONLY – NO OTHER MIRRORS

J. ROOF HEIGHT, NO LOWER THAN 51"

K. FIBER GLASS BODIES MUST WEIGHT 3350 LB.

2. SUSPENSION

A. LOWER AND UPPER REAR CONTROL ARMS MUST BE STOCK LENGTH TO FRAME AND IN STOCK LOCATON AFTERMARKET ALLOWED BUT MUST BE STOCK LENGTH AND LOCATION NON – ADJUSTABLE!!!!

AFTER MARKET BUSHING MAY BE USED NO MONOBALLS WHAT SO EVER !!!

B. AFTER MARKET SPRINGS MAY BE USED.

C. REAR LOAD BOLTS ALLOWED. CAN HAVE ADJUSTABLE SPRING BUCKETS IN FRONT

D. MUST RUN STOCK SPINDELS TO FRAME NO DROP SPINDLES, AFTERMARKET BALLJOINTS ALLOWED NON ADJUSTABLE AND STOCK LOCATION. STOCK SWAY BAR NOT TO EXCEED 1 ¼"

STOCK SWAY BAR MOUNTING LOCATIONS AND ADJUSMENT LOCATIONS ONLY

STOCK MOUNTED SHOCKS

RACING SHOCKS ALLOWED BUT \$150 CLAIM PER SHOCK (TRACK MAY CLAIM SHOCKS)

STOCK TO CHASSIS BRAKES, RACING PADS, SLOTTED AND DRILLED ROTORS ALLOWED REAR DISK BRAKES ALLOWED BRAKE BIAS MUST BE OUT OF REACH OF DRIVER.

AFTER MARKET HUB AND ROTOR ALLOWED, MINIMUM 5/8" WHEEL STUDS, STEERING QUICKENERS, STEERING BOX IN STOCK LOCATION.

E. NO TRACTION CONTROL DEVICES OF ANY KIND (IF CAUGHT OUT FOR YEAR)

F. TUBULAR UPPER CONTROL ARM ARE ALLOWED 8" OR 8 1/2" ONLY. LOWER CONTROL ARM MUST BE STOCK LOCATION AFTERMARKET ALLOWED MUST BE STOCK REPLACEMENT NO TUBULAR LOWERS.

NO ALUMINUM, DRIVE SHAFTS AFTERMARKET ALLOWED 2.5" MINIMUM MUST BE STEEL, MUST BE PAINTED WHITE

H. REAR END MUST BE STOCK TO FRAME, AFTERMARKET AXLES ALLOWED, NO FLOATERS, REAR END MAY BE LOCKED WITH MINI SPOOL OR WELDED

I. ANY PACKAGING SHELVES THAT HAVE BEEN MOVED MUST WEIGH 3450 WITH 75 POUNDS ALONG THE MIDDLE OF THE RIGHT SIDE OF FRAME AND 75 POUND BEHIND THE RIGHT REAR WHEEL. IF YOU FEEL YOUR CAR IS IN QUESTION, PLEASE CALL CHRIS MIZE (330) 280-1936

3. TRANSMISSIONS

A. ANY STOCK PRODUCTION AUTOMATIC TRANSMISSION ALLOWED.

B. STOCK O.E.M. TORQUE CONVERTER WITH O.E.M. STALL SPEED. NO DUMMY CONVERTERS

C. ANY STOCK

PRODUCTION 3 OR 4 SPEED ALLOWED. NO CENTER DROP OUTS

D. 360 DEGREE STEEL BLOW PROOF HOUSING IS MANDATORY FOR MANUALS.

E. NO ALUMINUM BELL HOUSING

F. A TRANSMISSION BLANKET OR STEEL TRANSMISSION FLOOR PAN IS HIGHLY RECOMMENDED FOR AUTOMATIC

G. MUST HAVE AT LEAST ONE DRIVESHAFT HOOP AT FRONT OF DRIVESHAFT

H. NO RACING CLUTCHES

4. WHEELS AND TIRES

A. MAXIMUM 8" STEEL WHEEL. TIRE MUST BE HOOSIER COMMANCHE ONLY ! NO EXCEPTIONS

C. WHEELS MUST BE NO MORE THAN 3" OUTSIDE OF WHEEL WELL

D. NO AIR BLEEDER VALVES IN WHEELS

5. WEIGHT

- A. MINIMUM 3300 LBS WITH DRIVER BEFORE RACE
- B. MAXIMUM 54% LEFT SIDE WEIGHT WITH DRIVER
- C. MINIMUM OF 51% FRONT END WEIGHT WITH DRIVER

6. RADIATOR

- A. ANY RADIATOR STOCK LOCATION
- B. 180 DEGREE FAN SHROUD OR ELECTRIC FAN
- C. NO ANTI FREEZE OR ADDITIVES. IF FOUND WILL BE \$100 FINE

7. BATTERIES, ALTERNATOR AND IGNITION A. CAN NOT BE MOUNTED IN TRUNK

- B. STOCK HEI DISTRIBUTORS, NO DUAL POINT DISTRIBUTORS, NO SPARK BOXES, NO OUTSIDE COILS
- C. NO MARINE DISTRIBUTORS
- D. NO MSD OR EQUIVALENT TO COMPONENTS. NO HIGH VOLTAGE OUTPUT.

8. GAS TANK

- A. FUEL CELLS MANDATORY. FUEL CELL MUST BE MOUNTED IN TRUNK AND SECURED TO FRAME BY AT LEAST 2

– 1" STEEL STRAPS NO LOWER THAN CENTER SECTION OF REAR END. B. RACING FUEL MAY BE USED. NO ALCOHOL, NO ADDITIVES.

- C. MUST HAVE A ROLL OVER VALVE

9. CARBURETOR

- A. STOCK 4412 HOLLEYS, CHOKE PLATE MAY BE REMOVED
NO OTHER MODIFICATIONS WHAT SO EVER
- B. CARBURETOR MUST PASS GAUGE TEST, TOP AND BOTTOM
- C. 1" ADAPTER PLATE ALLOWED
- D. MUST HAVE 2 RETURN SPRINGS
- E. CARBURETOR WILL BE SUBJECT TO RESTRICTER PLATE
- F. NO XP OR EXOTIC CARBURETORS
- G. PERCEY PLATE ARE ALLOWED

10. INTAKE MANIFOLD

- A. 2 BARREL CAST IRON INTAKE, UNMODIFIED NO HIGH RISE 2 BARRELS
- B. NO BRAZINSKI INTAKES

C. CAST IRON 2 BARREL OR ALUMINIUM INTAKE WITH EITHER HEAD PACKAGE ALLOWED RPM PERFORMANCE 7101 OR EQUIVALENT

FORDS - 351 WINDSOR WITH 7181 ONLY

11. EXHAUST

A. 2 ½" DIAMETER MAXIMUM

B. ANY STOCK PRODUCTION AND UNALTERED EXHAUST MANIFOLD ALLOWED, HEADERS ALLOWED, NO OVER THE TOP

FLANGE OR COLLECTOR REDUCERS ALLOWED

C. EXHAUST MUST EXIT BEHIND DRIVER

D. NO H OR X AND 2 INTO 1 EXHAUST SYSTEMS

12. ENGINES

A. CENTER LINE OF ENGINE MUST BE SAME DISTANCE FROM LEFT TO RIGHT FRAME RAIL

B. ENGINE MUST BE US FACTORY PRODUCTION, CAST IRON BLOCK, HEADS, INTAKE,

C. CYLINDER HEADS MUST BE 350 OR 305 (MINIMUM 54CC) HEADS UNMODIFIED DOUBLE HUMPS. 194 VALVES MAX, WORLD PRODUCT HEADS #043610, #042650-1 ONLY. NO VORTEC OR ANGLE PLUG HEADS.

FORD – WORLD PRODUCT # 053030

D. ROLLER ROCKERS ALLOWED ALL MUST BE 1.5 OR 1.6 ALL CAN BE MIXED.

SCREW IN STUDS AND GUIDE PLATES ALLOWED.

STOCK VALVE SPRING SIZE. 6" ROD ENGINES ARE ALLOWED.

D. ENGINE SIZES: GM ENGINES 350 C.I. PLUS .060 MAX. OVER BORE (NO 400 BLOCK. FORD ENGINES 351 C.I.

WINDSOR ONLY PLUS .060 MAX OVER BORE. MOPAR ENGINES 360 C.I. PLUS .060 MAX OVER BORE. NO CLEVELAND PARTS OR MOTORS

E. HYDROLIC CAM AND LIFTERS ONLY. 488 LIFT MAX.

F. FLAT TOP PISTONS 4 VALVE RELIEF MAX

G. NO LIGHT WEIGHT LOWER ASSEMBLIES.

H. ALL PART NUMBERS MUST BE LEGIBLE AND UNALTERED.

I. NONE OF THE FOLLOWING PORTING, SANDING, POLISHING, GASKET MATCHING, GEAR DRIVES.

J. STOCK APPEARING OIL PAN OR AFTER MARKET OIL PANS

K. NO LS MOTORS

L. CRANK SHAFT MUST WEIGH 49 LB

M. MINIMUM OF 54CC HEADS

N. ALLOWED DIGITAL REV BOX MUST BE OUT OF DRIVERS REACH

O. NO STUD GIRDLES ALLOWED

P. NUMBER 3 CYLINDER MUST LINE UP WITH UPPER BALL JOINT

A. RADIO MANDATORY. ONE-WAY RECEIVER ONLY. ANY COMMUNICATIONS BETWEEN PIT CREW AND DRIVER WILL RESULT IN LOSS OF POINTS AND OUT FOR SEASON

B. ROLL CAGE. MINIMUM 4 POST CAGE WITH 1 3/4" BY .095 INCH WALL THICKNESS MAY PASS THROUGH FIREWALL. DIAGONAL SIDE TO SIDE BRACING. FRONT AND REAR HOOPS MAY BE USED. MUST HAVE STEEL SUPPORT BAR BEHIND DRIVER. EXTRA BRACE BARS RECOMMENDED BEHIND DRIVER. MAY PASS THROUGH FIREWALL. MUST HAVE A 1/8" STEEL PLATE BETWEEN DOOR SKIN AND SIDEBARS. MINIMUM OF 3 DRIVER SIDE BARS, 2 BARS PASSENGER SIDE. GAS TANK PROTECTION BAR MANDATORY

C. COMPETITION SHOULDER HARNESS AND SEAT BELTS MUST BE INSTALLED TO TECHNICAL INSPECTORS APPROVAL. SEAT BELTS AND SHOULDER HARNESES OF THE 5 POINT VARIETY MUST BE USED AND SHOULD BE BOLTED TO THE ROLL CAGE STRUCTURE. LAP BELTS AND SHOULDER HARNESES ARE TO BE 3" IN WIDTH. UPPER END OF THE SHOULDER HARNESS MUST BE SECURELY FASTENED TO METAL SUPPORTS AT A POINT NO HIGHER THAN THE DRIVERS SHOULDERS.

D. THE FOLLOWING SAFETY EQUIPMENT IS MANDATORY, FIRE SUIT, FULL COVERAGE HELMET MEETING SNELL

STANDARDS, FIRE RETARDANT GLOVES. FIREPROOF SHOES ARE STRONGLY RECOMMENDED.

E. OPEN FACE HELMET MUST WEAR GOGGLES

F. DRIVERS SIDE WINDOW NET MANDATORY MUST BE MOUNTED TO CAGE NOT TO BODY PANELS

G. OFF SET ROLL CAGES ALLOWED 21" MINIMUM HALO

H. RACING SEAT REQUIRED, FULL CONTAINMENT HIGHLY RECOMMENDED!

14. TRANSPONDER

A. IT IS HIGHLY RECOMMENDED THAT YOU PURCHASE YOUR OWN TRANSPONDER WESTHOLD TRANSPONDER,

FOUND THEM ONLINE AT PIT STOP USA.COM RECHARGABLE WITH CHARGER IS \$225, OR WIRED IN IS \$169.

IF ANYTHING IS IN QUESTION CALL FOR CLAIRFICATION BEFORE YOU DO IT. ANY ILLEGAL PARTS WILL BE CONFISCATED AND DESTROYED