



2025 PURE STOCK TECH RULES

2024 REVISIONS // 2025 REVISIONS: 11-13-2024

1. FRAME

- 1A** ANY NORTH AMERICAN MADE CAR 1960 OR NEWER.
- 1B** WHEEL BASE IN ACCORDANCE WITH FACTORY BODY SPEC. (GM 108 FORD 105)
- 1C** FRAME MUST MATCH BODY - FORD TO FORD, GM TO GM ETC
- 1D** FRAMES MAY BE PATCHED FOR RUST
- 1E** STEEL FLOOR PANS FROM FRONT FIREWALL TO REAR FIREWALL
- 1F** REAR FLOOR PANS MUST REMAIN FACTORY DIMENSIONS AND MUST NOT BE MOVED FORWARD AND FACTORY LOCATION
- 1G** ALL OTHER HOLES MUST BE COVERED INDIVIDUALLY
- 1H** IF CAR IS MANUFACTURED WITHOUT A FULL FRAME, THEN FRAME MUST BE TIED TOGETHER

2. ROLL CAGE

- 2A** MUST HAVE FULL SIX-POINT ROLL CAGE
- 2B** ROLL CAGE MUST BE WELDED 360 DEGREES WITH GUSSETS AND WELDED TO FRAMES
- 2C** MINIMUM OF FOUR BARS MUST BE USED IN DRIVER'S DOOR
- 2D** PASSENGER SIDE DOOR MUST HAVE TWO OR THREE HORIZONTAL BARS
- 2E** EACH BAR MUST BE A MINIMUM OF 1.5 INCH DIAMETER WITH A MINIMUM WALL THICKNESS OF 0.095 INCH
- 2F** TWO BARS CAN EXTEND INTO ENGINE COMPARTMENT AND TRUNK AREA
- 2G** ROLL CAGE SHOULD BE PADDED IN AREAS WHERE DRIVER MAY COME INTO CONTACT

3. BODY

- 3A** MUST BE STOCK APPEARING BODY
- 3B** ALL BODY PANELS MUST BE STEEL OR ALUMINUM
- 3C** USING A STOCK BODY, ALL LINES AND BENDS MUST MATCH OEM BODY
- 3D** HOOD MUST BE KEPT IN PLACE AT ALL TIMES
- 3E** BODY SHEET METAL MUST BE KEPT IN PLACE AT ALL TIMES
- 3F** STOCK TYPE PLASTIC NOSE PIECE WILL BE ALLOWED.
- 3G** ALL GLASS, DECORATIVE TRIM, DOOR HANDLES, CHROME MOLDINGS ETC. MUST BE REMOVED
- 3H** NO PLASTIC GRILLS
- 3I** STOCK APPEARING SPOILERS ALLOWED NO HIGHER THAN 4 INCHES
- 3J** ALL DOORS MUST BE WELDED SHUT
- 3K** REAR BUMPER COVER MAY HAVE SIX 1 INCH HOLES AT TAIL LIGHT AREA ONLY
- 3L** DECK CANNOT RUN THRU INTERIOR OF CAR (HOOD TO TRUNK)
- 3M** DECK HEIGHT IS 39 INCHES MAXIMUM

4. INTERIOR

- 4A** NO BOXING OF INTERIOR, SHOULD ALLOW EASY ACCESS TO DRIVER FROM EITHER SIDE AND BE CLEAR OF MATERIAL OR CONSTRUCTION METHODS THAT COULD CAUSE INJURY TO DRIVER
- 4B** REAR SEAT SHELF MUST BE LEFT IN AS FIRE STOP OTHERWISE ALUMINUM OR STEEL TYPE METAL FIREWALL MUST BE MOUNTED TO SEPARATE DRIVER'S COMPARTMENT FROM TRUNK AREA (6" INCHES MAX FROM REAR WINDOW OPENING AND ATTACH TO REAR FLOOR PAN AT BOTTOM OF MAIN HOOP OF ROLL CAGE OR AT BACK OF FLOOR PAN).
- 4C** NO MIRRORS OR 2-WAY RADIOS
- 4D** PEDALS MUST BE IN OR CLOSE TO STOCK LOCATION. NO EXTENDING PEDALS REARWARD
- 4E** DRIVER'S SEAT SHOULD BE IN SAME LOCATION AS ORIGINAL

- 4F** NO FLUID RESERVOIRS, TANKS OR RADIATORS IN DRIVER'S COMPARTMENT
- 4G** 24 X24 INCH BY 0.25 INCH STEEL OR ALUMINUM PLATE MUST BE MOUNTED INSIDE DRIVER'S DOOR TO PROTECT DRIVER AND IS HIGHLY RECOMMENDED
- 4H** STOCK FACTORY FLOORBOARDS AND FIREWALL NO EXTENDING DECK INTO INTERIOR OF CAR NO BOXING OF INTERIOR
- 4I** FLOOR PANS CAN BE REPLACED WITH 16-GAUGE SHEET STEEL TO REPLACE RUSTED FLOOR PANS MUST BE OF FACTORY DIMENSIONS AND RESEMBLE FACTORY FLOOR
- 4J** BOTTOM OF FIREWALL MUST BE 17 INCHES FROM FRONT SHOCKS.

5. SUSPENSION

- 5A** TUBULAR FRONT UPPER A-ARMS PERMITTED. MUST REMAIN FACTORY DIMENSION
- 5B** NO ADDING SUSPENSION COMPONENTS FROM DIFFERENT MAKES OR YEARS
- 5C** NO WEIGHT JACKS REMOVED FOR 2024
- 5D** SPINNER WEIGHT JACKS ARE PERMITTED ON ALL 4 CORNERS. NO JACK BOLTS.
- 5E** REAR SUSPENSION COMPONENTS MUST REMAIN IN STOCK LOCATIONS ALL SUSPENSION MOUNTING POINTS MUST BE IN FACTORY LOCATIONS
- 5F** REAR LOWER TRAILING ARMS SHOULD BE 19 INCHES IN LENGTH CENTER TO CENTER AND HAVE RUBBER BUSHINGS
- 5G** LOWER TRAILING ARM BRACKETS AT REAR-END HOUSING CAN BE NO LONGER THAN 4 INCHES LONG ALL OTHER HOLES IN BRACKETS MUST HAVE BOLTS INSTALLED
- 5H** REAR LOWER TRAILING ARMS ON BOTH SIDES CAN BE NO LOWER THAN 2 1/2 INCHES FROM BOTTOM OF REAR END HOUSING
- 5I** NO HEIMS ENDS ALLOWED ON SHOCKS
- 5J** NO CHAINS, CABLES, TIE DOWNS, ROPE, TRAVEL LIMITERS, ETC.
- 5K** NO BUMP STOP/RUBBERS ON FRAME

6. STEERING

- 6A** STEERING COLUMN MUST REMAIN IN STOCK LOCATION FRONT TO BACK LEFT TO RIGHT
- 6B** NO STEERING QUICKENERS OF ANY KIND REMOVED FOR 2024
- 6C** COLLAPSABLE STEERING COLUMN HIGHLY RECOMMEND.

7. SHOCKS

- 7A** ONE UNALTERED STEEL, NONADJUSTABLE, OEM-MOUNT STOCK, IN OEM LOCATION, PER WHEEL.
- 7B** ALL SHOCKS MUST COMPLETELY COLLAPSE BY HAND AT ANY TIME.
- 7C** NO SHOCK CAN PRE-LOAD OR PIN ANY SPRING.
- 7D** NO EXTERNAL OR INTERNAL BUMPERS OR STOPS.
- 7E** NO BULB-TYPE, THREADED BODY, COIL-OVER, AIR OR REMOTE RESERVOIR SHOCKS.
- 7F** SHOCK BODY, STROKE AND EXTENDED LENGTH MUST MATCH BOTH SIDES.
- 7G** MAXIMUM 8 INCH STROKE, 21 INCH EXTENDED LENGTH AND 2.125 INCH O.D. SHOCK BODY.
- 7H** NO GAS PORT, SHRADER OR BLADDER TYPE VALVE ALLOWED.
- 7I** NO COIL-OVER ELIMINATORS.
- 7J** REAR OEM SHOCK LOCATION IS 4.5 INCHES FROM BOTTOM OF HOUSING TO CENTER OF BOLT HOLE AND CENTERED ON CONTROL ARM BRACKET.

8. SPRINGS

- 8A** ONLY ONE SPRING PER FRONT AND REAR CORNERS. MUST BE IN FACTORY LOCATION
- 8B** COIL SPRING MUST BE FACTORY STYLE
- 8C** REAR SPRINGS CAN BE 11-13 INCH FREE HEIGHT AND 4.5-5.5 INCHES IN DIAMETER.
- 8D** FRONT SPRINGS ARE 9.5 INCHES FREE HEIGHT AND 4.5-5.5 INCHES IN DIAMETER.
- 8E** SPRING RATES CAN BE SPLIT

9. REAR ENDS

- 9A** REAR ENDS MUST BE LOCKED
- 9B** 9 INCH FORD REAR ENDS
- 9C** NO FLOATER REAR ENDS

10. TRANSMISSIONS

- 10A** ALL FACTORY MANUAL TRANSMISSIONS LEGAL
- 10B** TRANSMISSION MUST REMAIN STOCK AND MUST MATCH THE MAKE AND MODEL OF THE CAR (FORD/FORD GM/GM ETC.)
- 10C** NO DIRECT DRIVE TRANSMISSION (BERT, BRINN OR FALCON)
- 10D** AUTOMATIC TRANSMISSION MUST HAVE WORKING TORQUE CONVERTER
- 10E** TRANSMISSION MUST SHIFT THRU ALL GEARS STARTING OUT IN DRIVE AND WILL BE CHECKED
- 10F** MUST HAVE FACTORY STYLE SINGLE DISK CLUTCH AND A BLOW PROOF BELL HOUSING AND MANUAL FLYWHEEL MUST BE 10 ½ INCH DIAMETER CLUTCH AND PRESSURE PLATE
- 10G** MUST HAVE A 1-INCH INSPECTION HOLE IN BELL HOUSING EASILY ACCESSIBLE FOR INSPECTION OF CLUTCH

11. DRIVE SHAFT

- 11A** DRIVESHAFT MUST BE A MINIMUM OF 2 INCHES IN DIAMETER
- 11B** ALL DRIVESHAFTS MUST BE PAINTED WHITE
- 11C** ONLY ONE DRIVESHAFT IS PERMITTED
- 11D** MINIMUM OF ONE DRIVESHAFT LOOP/SLING MUST BE FASTENED SECURELY TO THE FRAME. IT'S RECOMMENDED THAT 2 DRIVESHAFT LOOPS / SLINGS BE USED
- 11E** NO ALUMINUM DRIVE SHAFTS. STEEL ONLY

12. WHEELS & TIRES

- 12A** 15X8 STEEL RACING WHEELS ONLY ARE PERMITTED WITH ANY OFFSET ON ALL 4 CORNERS
- 12B** CARS MUST HAVE REINFORCED WHEELS
- 12C** OVERSIZED LUG NUTS ON ALL 4 WHEELS ARE REQUIRED.
- 12D** BEAD LOCKS ARE PERMITTED
- 12E** PERMITTED TIRES:
 - STREET TIRE NOT OVER 11 INCHES WIDE MUST PUNCH DUROMETER READING OF 66 OR HIGHER.
 - HOOSIER M30 OR M60
 - AMERICAN RACER MEDIUM STOCKER OR HARD STOCKER

13. BRAKES

- 13A** MUST BE STEEL APPROVED OEM, OPERATIVE FOUR WHEEL, DRUM OR DISC.
- 13B** MUST MAINTAIN MINIMUM OEM DIMENSIONS FOR HUBS/ROTORS AND CALIPERS, CANNOT BE LIGHTENED.
- 13C** NO OIL BATH FRONT HUBS.
- 13D** BOLT PATTERN MAY BE CHANGED.
- 13E** LARGER STUDS ALLOWED.
- 13F** REAR ROTORS MAY BE AFTERMARKET 0.81" THICKNESS (NEW).
- 13G** VENTED SOLID SURFACE ROTORS ONLY, NO SCALLOPED OR CERAMIC COATED ROTORS.
- 13H** DUAL MASTER CYLINDERS ALLOWED BUT NOT PERMITTED TO HAVE ADJUSTER WHERE DRIVER CAN REACH IT FROM SEAT.
- 13I** NO ANTILOCK BRAKE SYSTEMS.
- 13J** REAR CALIPER BRACKETS MUST BE WELDED TO REAREND HOUSING

13K NO BRAKE BIAS OR BALANCE BAR ALLOWED REMOVED FOR 2024

13L NO DRIVER-CONTROLLED BRAKE ADJUSTERS

14. EXHAUST

- 14A** HEADERS ALLOWED CLASSIC 1 5/8-INCH TUBE MUST EXIT UNDER CAR INSIDE FRAME RAILS
- 14B** NO SIDE EXITS OR OVER FRAME HEADERS ALLOWED REMOVED FOR 2024

15. FUEL SYSTEM

- 15A** THIRTY-TWO GALLON MAXIMUM SAFETY APPROVED FUEL CELL IN A 20 GAUGE STEEL BOX SUPPORTED BY TWO 1/8 INCH BY 2INCH STEEL STRAPS TOP AND BOTTOM TO SAFELY SECURE FUEL CELL
- 15B** ALL FUEL CELL MUST BE MOUNTED IN TRUNK AREA OF CAR
- 15C** FUEL LINES SHOULD RUN UNDER FLOOR OF THE CAR OR BE IN STEEL PIPE 1½" DIAMETER FROM FIREWALL TO FIREWALL IF PLACED ABOVE FLOORBOARD
- 15D** FUEL LINE IS TO BE ON RIGHT SIDE OF CAR AWAY FROM DRIVER IF MOUNTED ON FLOORBOARD
- 15E** NO WIRES IN PIPE
- 15F** MUST USE STOCK MECHANICAL FUEL PUMP

16. FUEL

- 16A** GASOLINE OR RACING GASOLINE ONLY. NO E85 FUEL
- 16B** NO PERFORMANCE ENHANCING OR SCENTED ADDITIVES
- 16C** FUEL IS SUBJECT TO TESTING AT ANYTIME

17. WEIGHT

- 17A** WEIGHT LIMIT IS WITH DRIVER AT THE FINISH OF THE RACE WITHOUT ADDING FUEL
- 17B** MINIMUM OF 3000 LBS. FOR BUILT ENGINES
- 17C** MINIMUM OF 3000 LBS. FOR CRATE ENGINES
- 17D** IF CAR FAILS TO MAKE WEIGHT OR CROSS SCALES AFTER RACE, THE CAR AND DRIVER WILL BE DISQUALIFIED

18. IGNITION/GAUGES/ELECTRONIC

- 18A** NO CELL PHONES, UNAPPROVED CAMERAS, TRANSMITTING OR LISTENING DEVICES (EXCEPTION IS ONEWAY RACE RECEIVER RADIO BY OFFICIALS), OR TIMING RETARD CONTROLS.
- 18B** NO ELECTRONIC MONITORING COMPUTER DEVICES CAPABLE OF STORING OR TRANSMITTING INFORMATION EXCEPT MEMORY RECALL ANALOG TACH.
- 18C** ONE 12 VOLT, UNALTERED, NON ADJUSTABLE, IGNITION BOX ALLOWED (FORD STOCK TYPE)
- 18D** ALL COMPONENTS MUST BE OUT OF REACH OF DRIVER.
- 18E** NO MAGNETOS OR CRANK TRIGGERS.
- 18F** OEM TYPE ALTERNATOR WITH INTERNAL REGULATOR ALLOWED.
- 18G** STOCK IGNITION SYSTEM ONLY. NO PERFORMANCE TYPE IGNITION.
- 18H** ALL ENGINES MUST USE UNALTERED #8727CT REV-CONTROL AND MAXIMUM 6500 RPM.
- 18I** REV CONTROL MUST BE MOUNTED UNDER HOOD ON ENGINE FIREWALL AND ACCESSIBLE FOR INSPECTION WITH REV LIMITER FACING UPWARD.
- 18J** ALL WIRING MUST BE VISIBLE FOR INSPECTION.

19. ENGINE COMPARTMENT

- 19A** ENGINE MUST BE MOUNTED IN FACTORY POSITION
- 19B** ENGINE MUST MATCH OEM (GM IN GM, FORD IN FORD CHRYSLER IN CHRYSLER ETC)

20. ENGINE OPTION #1

- 20A** MAXIMUM 410 CUBIC INCH.
- 20B** ENGINE BLOCK MAY BE AN OEM STANDARD PRODUCTION BLOCK OR AN APPROVED STOCK DIMENSION CAST AFTERMARKET BLOCK. AFTERMARKET BLOCK MUST HAVE OEM STOCK DIMENSIONS AS THE MANUFACTURE OF THE CHASSIS BEING USED. NO ALUMINUM BLOCKS.
- 20C** GUIDE PLATES ALLOWED
- 20D** HYDRAULIC FLAT TAPPET CAMSHAFT ONLY AND FLAT TAPPET LIFTERS MUST BE ABLE TO ADJUST TO FACTORY AND MAINTAIN COMPRESSION.
- 20E** ROLLER ROCKERS ALLOWED
- 20F** ANY CAST IRON CYLINDER HEAD WITH FACTORY VALVE LOCATION
- 20G** MINIMUM COMBUSTION CHAMBER SIZE OF 60CC (TOLERANCE OF +/- 3CC ALLOWED) **REMOVED FOR 2024**
- 20H** ANY DUAL PLAIN INTAKE MANIFOLD ALLOWED. NO AIR GAPS.
- 20I** STOCK TWO-BARREL CARBURETOR OR HOLLY 500 2 BARREL WITH CHOKE HORN HOLLY #4412 ONLY
- 20J** VENTURI SIZE WILL BE CHECKED WITH TRACK GAUGE
- 20K** TWO-BARREL CARB CAN BE MOUNTED USING AN ADAPTER PLATE
- 20L** SPACER AND ADAPTER CAN BE NO THICKER THAN 1" TOTAL COMBINED HEIGHT.
- 20M** 1" INSPECTION HOLE MUST BE DRILLED ON SIDE OF OIL PAN FOR INSPECTION PURPOSES ONLY
- 20N** FLAT TOP OR INVERTED DOME PISTONS ONLY
- 20O** PISTONS MUST BE AT ZERO DECK HEIGHT OR BELOW THE DECK OF BLOCK AT TOP DEAD CENTER

21. ENGINE OPTION #2

- 21A** PART NUMBER 19258602 ONLY
- 21B** STAMPS AND SEALS MUST BE IN PLACE
- 21C** 650 OR SMALLER 4 BARREL CARB