

ORLEANS COUNTY FAIR, BARTON, VT -2023 SEASON DEMO RULES
ANY QUESTION CALL BOB WRIGHT 603-631-1833
ABSOLUTELY NO CALLS BEFORE 8AM OR AFTER 8PM

2023 SEASON RULES ALL CLASSES.

*****NEW FOR 2023*****

COMPACT SUV HAS BEEN ADDED TO THE 6 CYLINDER CLASS
MID SIZE SUV HAS BEEN ADDED TO THE 8 CYLINDER CLASS
COMPACT TRUCK HAS BEEN ADDED TO THE MINIVAN CLASS

IF YOUR CAR IS DEEMED OUT OF RULES. IT WAS YOUR DECISION TO DO SO. EVERY EFFORT HAS BEEN MADE TO CONDENSE AND SIMPLIFY THE RULES TO MAKE THE BUILD PROCESS UNDERSTANDABLE AND EASY.

THE ORLEANS COUNTY FAIR DEMO DERBY IS A HOMETOWN FAIR EVENT. LET'S KEEP IT THAT WAY. BUILD YOUR VEHICLE TO THE ESTABLISHED TECH & SAFETY RULES
IF YOU WANT TO BUILD & PARTICIPATE IN A DEMO, WITH A VEHICLE THAT HAS LOADED FRAMES, SKID STEER TIRES, RAILROAD TRACK FOR BUMPERS, HIGH DOLLAR BUILT ENGINES AND TRANSMISSIONS, THERE ARE DEMO PROMOTERS THAT RUN THAT CLASS OF VEHICLE IN THEIR EVENTS.

THE PROMOTERS OF THE DEMO, DICK THERRIEN AND BOB WRIGHT HAVE FINAL DECISION REGARDING DRIVER & VEHICLE ELIGIBILITY TO COMPETE
THE PROMOTERS OF THE DEMO, DICK THERRIEN AND BOB WRIGHT HAVE FINAL DECISION REGARDING LIVE STATUS OF VEHICLES OUT ON THE TRACK IN COMPETITION.

PLEASE BE SURE TO CAREFULLY READ & UNDERSTAND ALL RULES BEFORE BUILDING YOUR DEMO DERBY VEHICLE. CALL BOB WRIGHT WITH ANY QUESTIONS FOR THE BUILD

ELIGIBLE VEHICLES

4 CYLINDER CLASS: 1980 OR NEWER DOMESTIC OR IMPORTED 4 CYLINDER SEDAN OR STATION WAGON
6 CYLINDER CLASS: 1980 OR NEWER DOMESTIC OR IMPORTED 6 CYLINDER SEDAN, COMPACT SUV OR STATION WAGON
8 CYLINDER CLASS: DOMESTIC OR IMPORTED 8 CYLINDER SEDAN, MID SIZE SUV OR STATION WAGON.
NO FULL FRAME IMPERIALS
MINIVAN/COMPACT TRUCK CLASS: 1980 OR NEWER DOMESTIC OR IMPORTED 4 OR 6 CYLINDER
MID TO FULL SIZE TRUCK, VAN & SUV CLASS: DOMESTIC OR IMPORTED UP TO 3/4 TON TRUCK, VAN, SUV
5 CYLINDER CARS MAY BE RUN IN THE 6 CYLINDER CLASS

EXAMPLES OF COMPACT SUV ARE BUT NOT LIMITED TO: FORD ESCAPE, TOYOTA RAV 4, CHEVY TRAX,
EXAMPLES OF MID SIZE SUV ARE BUT NOT LIMITED TO: FORD EXPLORER, TOYOTA HIGHLANDER,
CHEVY TRAVERSE,
EXAMPLES OF COMPACT TRUCK ARE BUT NOT LIMITED TO: FORD RANGER, TOYOTA TACOMA, CHEVY S-10
EXAMPLES OF FULL TO MID SIZE TRUCK, SUV & VAN ARE BUT NOT LIMITED TO: CHEVY K2500, FORD F-250, DODGE RAM 2500, TOYOTA TUNDRA

RESTRICTIONS - PRICES

- : ABSOLUTELY NO BUILDING OF VEHICLE AT THE TRACK. BUILD YOUR VEHICLE AT HOME
- : MINIMUM AGE OF DRIVER ALLOWED IS 16.
- : MINIMUM AGE TO ENTER THE PITS IS 14 ABSOLUTELY NO EXCEPTIONS.
- : ANYONE UNDER THE AGE OF 18 MUST HAVE SIGNED MINORS RELEASE.
- : PROMOTER HAS THE RIGHT TO APPROVE OR REJECT ANY ENTRY.
- : ANYONE ENTERING THE PITS MUST HAVE PAID ENTRY, NO BRACELET, NO ENTRY. THERE WILL BE NO EXCEPTIONS. ANYONE FOUND IN YOUR PIT WITHOUT A PIT BRACELET MAY RESULT IN THE VEHICLE & WHOLE TEAM EJECTED FROM PITS.
- : ABSOLUTELY NO ALCOHOL OR DRUGS ALLOWED IN PITS.
- : DEMO OFFICIALS WILL PARK YOUR DEMO ENTRY. NO SAVING OF PIT SPOTS. IF YOU WANT TO PARK TOGETHER YOU MUST ENTER TOGETHER
- : ENTRY FEE \$35/VEHICLE. \$15 FOR EACH CREWMEMBER. ABSOLUTELY NO CHECKS ALLOWED. NO REFUNDS.
- : THE VEHICLE YOU RUN IN THE FEATURE MUST BE THE VEHICLE YOU RAN IN THE HEAT
- : VALID DRIVER'S LICENSE IS MANDATORY! ANYONE THAT IS 16 YEARS OF AGE OR OLDER AND NEVER HAD A LICENSE IS ELIGIBLE TO COMPETE.
- : THE ONLY VEHICLES THAT WILL BE ALLOWED IN THE PITS WILL BE, THE DEMO ENTRY AND THE TOW VEHICLE

DEMO PROCEDURES

BE MINDFUL OF DRIVERS DOOR HITS!!!! THIS IS YOUR FIRST WARNING.

- : VEHICLES WILL BE DIVIDED INTO HEATS. HEATS WILL BE DETERMINED BY THE VOLUME OF VEHICLES PER CLASS. IF NOT ENOUGH VEHICLES PER CLASS ENTERED, ONLY A FEATURE MAY BE RUN.
- : TROPHIES WILL BE PRESENTED TO THE THREE TOP AGGRESSIVE, HARD HITTING DRIVERS IN EACH HEAT. TO BE DETERMINED BY THE PROMOTERS
- : NUMBER OF VEHICLES QUALIFYING FOR MAIN EVENT FROM EACH HEAT WILL BE DECIDED AT PIT MEETING.
- : TROPHIES AND CASH AWARDS WILL BE PRESENTED TO TOP 3 IN EACH FEATURE.
- : YOU MUST RUN THE FEATURE WITH THE VEHICLE YOU RAN IN THE HEAT
- : A LAST CHANCE CONSOLATION RACE WILL BE RUN IF DEEMED NECESSARY TO FILL OUT THE STARTING FIELD.
- : A TIME LIMIT WILL BE SET BY THE JUDGES FOR CARS NOT MOVING, HITTING A LIVE CAR, OR PLAYING POSSUM. IF YOU ARE TIMED OUT YOU WILL BE DONE FOR THAT EVENT.
- : IF YOU ARE PUT ON THE CLOCK, WE WILL USE THE LOUDSPEAKER, HAND SIGNALS & LASER POINTERS TO ATTRACT YOUR ATTENTION TO WARN YOU. YOU NEED TO PAY ATTENTION TO OFFICIALS.
- : IF YOU ARE TIMED OUT, WE WILL USE THE LOUDSPEAKER, HAND SIGNALS & LASER POINTERS TO ATTRACT YOUR ATTENTION TO WARN YOU. YOU NEED TO PAY ATTENTION TO OFFICIALS.
- : IF YOU ARE TIMED OUT, YOU MUST KEEP YOUR HELMET ON AND STAY BUCKLED IN.

TECH & SAFETY CHECK

- : ALL VEHICLES WILL HAVE THE REGISTERED NUMBER ON A ROOF SIGN & ON BOTH DOORS.
- : THE ROOF SIGN BACKGROUND WILL BE BLACK WITH WHITE LETTERING. THE OVERALL SIZE WILL BE NO LESS THAN 18" LONG BY 12" HIGH.
- : MINIMUM SIZE FOR ROOF SIGN AND DOOR NUMBERS IS 17" HIGH BY 3" WIDE
- : DOOR NUMBERS WILL BE IN HIGH CONTRAST OF THE BACKGROUND
- : AFTER YOU PASS SAFETY & TECH CHECK PROCEED DIRECTLY TO LINEUP AND CLOSE UP YOUR CAR THERE. NO GOING BACK TO PITS UNLESS YOU FAIL TECH.

-: IF YOU FAIL TECH, AN OFFICIAL WILL GIVE YOU A SHEET LISTING THE CORRECTIONS NEEDED. MAKE THE CORRECTION, RETURN TO TECH WITH THE SHEET & HAVE THE VEHICLE RECHECKED.

- : NO WORKING 4X4 ALLOWED. YOU MUST EITHER BE FRONT WHEEL DRIVE OR REAR WHEEL DRIVE. YOU MUST HAVE A MECHANICAL DISCONNECTION FROM BEING 4X4**
- : GAS ENGINES ONLY, NO DIESEL ENGINES ALLOWED, NO FULLY ELECTRIC VEHICLES ALLOWED.**
- : NO VEHICLES WITH PLASTIC DOOR SKINS ALLOWED, SUCH AS CORVETTE & SATURN**
- : GAS/ELECTRIC HYBRID VEHICLES MUST REMOVE THE HYBRID DRIVE BATTERY.**
- : NO RIGHT HAND DRIVE VEHICLES**
- : EXPANDING SPRAY FOAM MAY BE USED TO STABILIZE THE VEHICLE COMPUTER ONLY. NO PLACE ELSE IS SPRAY EXPANDING FOAM ALLOWED**

TIRES & WHEELS

DEPARTMENT OF TRANSPORTATION (D.O.T.) APPROVED TIRES ONLY

- : ALL TIRE DECISIONS MUST BE APPROVED BY TECH OFFICIALS**
- : NO EXOTIC, AGGRESSIVE TREAD MUD TIRES**
- : NO HOME OR CUSTOM BUILT WHEELS ALLOWED. NO RACING WHEELS ALLOWED**
- : NO INNER LINERS ALLOWED, ABSOLUTELY NO LOADING OF TIRES.**
- : ONLY ONE TIRE PER WHEEL**
- : NO VALVE STEM PROTECTORS, NO SIDE WALL PROTECTORS**
- : ALL TIRE STUDS AND WHEEL WEIGHTS MUST BE REMOVED FROM THE FRONT & REAR WHEELS. THERE WILL BE NO EXCEPTIONS**
- : IF YOU HAVE A VEHICLE THAT HAS NEVER BEEN DEMO'D, YOU MAY NOT START THE DEMO HEATS WITH ANY DONUT TIRES.**
- :IF VEHICLE WAS IN A PREVIOUS DEMO AND THE TIRE/WHEEL ASSEMBLY WON'T FIT IN THAT WHEEL POSITION, WITH A REASONABLE AMOUNT OF CLEARANCE THAN YOU MAY START WITH THE DONUT TIRE IN THAT WHEEL POSITION ONLY.**
- : DONUT TIRES ALLOWED FOR FEATURE IF THE STOCK TIRE/WHEEL ASSEMBLY WILL NOT FIT IN THE WHEEL POSITION WITH A REASONABLE AMOUNT OF CLEARANCE.**
- : "A REASONABLE AMOUNT OF CLEARANCE" WILL BE AT THE OFFICIALS DISCRETION.**
- : NO TIRES WILL EXCEED A 4 PLY RATING**

BODY PANELS

- : TRUNK LIDS AND HATCH TAILGATES ARE NOT MANDATORY. ENGINE HOODS ARE MANDATORY.**
- : ALL DOORS MUST BE WELDED, CHAINED (1/4 INCH) OR USE #9 WIRE .**
- : WELDING ON DOORS CONSISTS OF ONLY THREE (3) HALF DOLLAR SIZE WASHERS WELDED FROM THE DOOR TO POST.**
- : TRUNKS, TAILGATES & HOODS MUST BE CHAINED (1/4 INCH) OR #9 WIRE SHUT. ALL TAILGATE HOOD & TRUNK LATCHES MUST BE REMOVED**
- : ALL HOOD PROP RODS MUST BE REMOVED.**
- : TRUNKS, TAILGATES & HOOD WILL BE HELD SHUT AT A MAXIMUM OF SIX (6) SPOTS. TWO PLACES AT THE FRONT AND TWO PLACES FROM THE HOOD TO FENDERS ON EACH SIDE.**
- : ALL SUNROOFS MUST HAVE THE GLASS REMOVED AND BE TINNED OVER WITH A MINIMUM OF 22 GAUGE STEEL**
- : ENGINE HOODS MUST HAVE A MINIMUM 12" X 15" HOLE CUT IN THE CENTER**
- : THE DRIVERS DOOR & ONLY THE DRIVERS DOOR MUST BE PAINTED IN A FLUORESCENT COLOR THAT IS IN HIGH CONTRAST TO THE REST OF THE COLOR OF THE CAR.**
- : ALL DEBRIS & GLASS MUST BE REMOVED FROM THE VEHICLE.**
- : NO REAR VIEW MIRRORS OF ANY KIND ALLOWED.**

- : ON THE DRIVERS DOOR ONLY. YOU MAY ATTACH BY BOLTING OR WELDING A REINFORCEMENT NOT TO EXTEND MORE THAN 4 INCHES BEYOND THE FRONT OR REAR OF THE DRIVERS DOOR & NOT EXCEED 4" IN WIDTH & 3/16" IN THICKNESS.
- : NO INTENTIONAL REINFORCING OR INTENTIONAL WEAKENING OF THE BODY OR FRAME ALLOWED. NO LOADING OF THE FRAME
- : YOU MAY INSTALL TWO 1/4 INCH CHAINS OR 2 SECTIONS OF 2 INCH WIDE X 3/16 INCH THICK STRAP STEEL IN THE WINDSHIELD AREA, FROM THE FRONT EDGE OF THE ROOF TO THE WIPER COWL.
- : ALL AIR BAGS MUST BE REMOVED
- : ALL MIRRORS, PLASTIC MOLDING, HEADLIGHT ASSEMBLIES, TAIL LIGHT ASSEMBLIES, PLASTIC BUMPER COVERS, PLASTIC GRILL, ETC. MUST BE REMOVED.

BUMPERS

- : NO HOMEMADE OR CUSTOM MADE BUMPERS OF ANY KIND. NO TRUCK BUMPERS ON CARS
- : BUMPERS WILL NOT BE WIDER THAN THE TREAD WIDTH OF THE TIRES & MOUNTED THE CORRECT SIDE UP
- : NO EXTRA BRACKETS, WELDING OR BRACING OF ANY KIND ALLOWED.
- : ALL BUMPERS MUST HAVE TWO 1/4 INCH CHAINS OR CABLE. TO HELP KEEP THE BUMPER FROM FALLING OFF ON TO THE TRACK
- : OFFICIALS RESERVE THE RIGHT TO HAVE YOU SHORTEN BUMPERS OR REMOVE THEM AS DEEMED NECESSARY.

SUSPENSION/FRAME/TRANSMISSION/DRIVE AXLES/ENGINES

- : ABSOLUTELY NO WELDING OF STRUTS OR SHOCKS.
- : ABSOLUTELY NO CHAINING OR REINFORCING OF ANY SUSPENSION PARTS.
- : SUSPENSION MUST HAVE TRAVEL IN FRONT AND BACK
- : NO TRAILER HITCHES ANYWHERE ON THE VEHICLE
- : NO INTENTIONAL WEAKENING, STRENGTHENING OR LOADING OF THE FRAME/SUSPENSION ALLOWED.
- : STEERING AND SUSPENSION PARTS MUST BE STOCK AND IN PLACEMENT FOR THE VEHICLE.
- : THERE WILL BE NO ADDING ON SHIELDING OR REINFORCEMENT TO PROTECT THE RADIATOR. IF YOUR VEHICLE CAME WITH A/C AND THE PROPER SIZE CONDENSER IS STILL THERE YOU MAY LEAVE IT.
- : EXHAUST MAY EXIT THROUGH THE HOOD A MINIMUM OF 10" TO A MAXIMUM OF 20"
- : NO ANTIFREEZE OR FREON ALLOWED

BATTERIES, FUEL TANKS, PUMPS & MOUNTING

- : ABSOLUTELY NO FUEL LEAKS ANYWHERE
- : NO FUEL TANKS BEHIND THE REAR AXLE
- : YOU MAY REPLACE STOCK GAS TANK WITH A STEEL BOAT TANK, RACING TYPE FUEL CELL OR STEEL GAS CAN
- : STOCK FUEL TANKS WILL BE ALLOWED IN THE CABIN AREA.
- : ALL CABIN MOUNTED TANKS MUST BE UNDER A METAL FIREWALL AND FASTENED BY A MINIMUM OF 4 STEEL STRAPS. 2 STRAPS IN EACH DIRECTION. ADDITIONAL RATCHET STRAPS WITH THE STEEL STRAPS CAN BE USED.
- : ANY RUBBER FUEL LINES IN THE CABIN MUST BE IN CONDUIT.
- : ALL ELECTRIC FUEL PUMPS MUST HAVE A POWER SHUT OFF SWITCH . SWITCH MUST BE CLEARLY VISIBLE TO FIRE AND SAFETY PERSONNEL WITH THE SWITCH CLEARLY MARKED ON AND OFF, AND MUST BE PAINTED RED. THE SWITCH MUST BE WITHIN REACH OF THE DRIVER
- : ALL FUEL TANKS WILL BE INSPECTED. PLEASE LEAVE THE FIREWALL OFF UNTIL AFTER INSPECTION.
- : THE BATTERY MUST BE PROPERLY SECURED AND COMPLETELY COVERED

SAFETY EQUIPMENT

- : HELMETS MUST BE D.O.T. APPROVED AND AVAILABLE TO TECH OFFICIALS FOR INSPECTION. ONLY FULL HELMETS ALLOWED. NO HALF HELMETS ALLOWED.**
- : YOU MUST WEAR SAFETY GLASSES OR SAFETY GOGGLES IF YOUR HELMET DOESN'T HAVE A FULL FACE SHIELD**
- : DRIVERS SAFETY BELTS MUST BE IN WORKING ORDER. BELTS CANNOT HAVE TEARS OR HOLES IN THE BELT.**
- : MUST WEAR LONG PANTS & LONG SLEEVE SHIRT.**
- : GLOVES & LEATHER WORK BOOTS ARE HIGHLY RECOMMENDED. NO OPEN TOED SHOES,CROCS OR SANDALS ALLOWED**
- : YOU MUST HAVE A RESTRAINT TO HOLD THE BACK OF YOUR SEAT UP. YOU MAY USE CHAIN, SUITABLE RATCHET STRAP OR HOLLOW 2X2 SQUARE TUBING 1/8 INCH THICK WITH NO THICKER THAN 1/8 INCH THICK 6X6 STEEL PLATE WELDED ON EACH END THAT WILL BE WELDED TO THE "B" PILLARS ON EACH SIDE.**

FULL TO MIDSIZE TRUCK, SUV & VAN

AT THIS TIME, THE TRUCK, SUV AND VAN DEMO IS ONLY SCHEDULED FOR THE MEMORIAL DAY DEMO.

PLEASE TEXT BOB WRIGHT YOUR FULL NAME AND A PHONE NUMBER IF YOU ARE INTENDING TO BUILD A VEHICLE FOR THIS CLASS AND RUN IN THE MEMORIAL DAY DEMO

THESE RULES PLUS THE "RULES FOR 2023 SEASON RULES FOR ALL CLASSES" APPLY PROCEDURE AND PURSE WILL BE DETERMINED BY NUMBER OF ENTRIES OF THIS CLASS

- : UP TO A 10 PLY (LOAD RANGE E) TIRE RATING**
- : NO DUAL REAR WHEELS ALLOWED**
- : FRONT & REAR BUMPER HEIGHT IS A MAXIMUM OF 22 INCHES MEASURED FROM THE LOWEST POINT OF THE BUMPER**
- : TRUCK BEDS MAY HAVE A ADDITIONAL 2 BOLTS OR STRAPS ADDED TO SECURE TO THE CHASSIS**
- : IF BODY MOUNTS ARE REMOVED, A UP TO 3 INCH IN DIAMETER WASHER MAY BE USED**
- : THE BED OF THE TRUCK MAY BE SECURED / CONNECTED TO THE CAB WITH ONE OF THE FOLLOWING:TWO, 2 INCH LONG WELDS ON EACH SIDE OR TWO BOLTS WITH A UP TO 2 INCH DIAMETER WASHER ON EACH SIDE.**
- : NO OUTSIDE THE FRAME MOUNTED FUEL TANKS. NO FUEL TANKS IN THE BED OF THE TRUCK**