

# **LANCASTER FAIR 2021 SEASON DEMO RULES**

ANY QUESTION CALL DICK THERRIEN 802-274-8823  
ABSOLUTELY NO CALLS BEFORE 8AM OR AFTER 8PM

## **2021 SEASON GENERAL RULES ALL CLASSES.**

- THESE RULES PLUS THE INDIVIDUAL CLASS RULES WILL APPLY TO EACH CLASS RUNNING RESPECTIVELY .
- PLEASE BE SURE TO CAREFULLY READ & UNDERSTAND ALL RULES BEFORE BUILDING YOUR DEMO DERBY VEHICLE.

### **RESTRICTIONS - PRICES**

- A: ABSOLUTELY NO BUILDING OF VEHICLE AT THE TRACK. BUILD YOUR VEHICLE AT HOME
- B: MINIMUM AGE OF DRIVER ALLOWED IS 16.
- C: MINIMUM PIT AGE IS 14 (NO EXCEPTIONS).
- D: ANYONE UNDER THE AGE OF 18 MUST HAVE SIGNED MINORS RELEASE.
- E: PROMOTER DICK THERRIEN HAS THE RIGHT TO APPROVE OR REJECT ANY ENTRY.
- F: 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.
- G: ABSOLUTELY NO ALCOHOL OR DRUGS ALLOWED IN PITS.
- H: DEMO OFFICIALS WILL PARK YOUR DEMO ENTRY. NO SAVING OF PIT SPOTS. IF YOU WANT TO PARK TOGETHER YOU MUST ENTER TOGETHER
- I: ENTRY FEE \$25/VEHICLE. \$15 FOR EACH CREWMEMBER. **ABSOLUTELY NO CHECKS ALLOWED.** NO REFUNDS.
- J: ALL DRIVERS MUST SUPPLY OWN DEMO VEHICLES. DRIVER MAY NOT ENTER MORE THAN ONE VEHICLE PER CLASS.
- K: THE VEHICLE YOU RUN IN THE FEATURE MUST BE THE VEHICLE YOU RAN IN THE HEAT
- L: VALID DRIVER'S LICENSE IS MANDATORY! ANYONE THAT IS 16 YEARS OF AGE OR OLDER AND NEVER HAD A LICENSE IS ELIGIBLE TO COMPETE.
- M: THE ONLY VEHICLES THAT WILL BE ALLOWED IN THE PITS WILL BE, THE DEMO ENTRY AND **ONE** TOW VEHICLE
- N: NO WORKING 4X4 ALLOWED. YOU MUST EITHER BE FRONT WHEEL DRIVE OR REAR WHEEL DRIVE. YOU MUST HAVE A MECHANICAL DISCONNECTION FROM BEING 4X4
- O: GAS ENGINES ONLY, NO DIESEL ENGINES ALLOWED, NO FULLY ELECTRIC VEHICLES ALLOWED.
- P: ABSOLUTELY NO SPECIFIC MILITARY VEHICLE RELEASED TO THE CIVILIAN PUBLIC WILL BE ALLOWED
- Q: ONLY MASS PRODUCED FOR SALE IN THE UNITED STATES, DOMESTIC OR IMPORT CARS ALLOWED.
- R: NO RIGHT HAND DRIVE VEHICLES
- S: DEMO VEHICLES MUST BE REMOVED FROM FAIRGROUNDS BY MIDNIGHT OF EVENT
- T: **EXPANDING SPRAY FOAM MAY BE USED TO STABILIZE THE VEHICLE COMPUTER ONLY. NO PLACE ELSE IS SPRAY EXPANDING FOAM ALLOWED**

### **ALL BUMPERS MUST BE CHAINED OR CABLED**

- U: ALLOWABLE SIZE CHAIN USED IS, 1/4 INCH NOTHING MORE NOTHING LESS.
- V: ALLOWABLE SIZE CABLE USED IS, 1/4 INCH NOTHING MORE NOTHING LESS
- W: THE ONLY PLACE CABLE WILL BE ALLOWED FOR USAGE WILL BE FOR THE BUMPERS. YOU MAY NOT USE CABLE ON HOODS, DOORS, ETC.
- X: A MAXIMUM OF 1 STRAND OF #9 WIRE MAY BE USED TO HOLD HOODS, DOORS, ETC. SHUT OR YOU MAY USE 1/4 INCH CHAIN OR 2 STRANDS OF FENCE WIRE

## DEMO PROCEDURES

### **BE MINDFUL OF DRIVERS DOOR HITS!!!!**

### **THIS IS YOUR FIRST WARNING.**

- A. 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.
- B. TROPHIES WILL BE PRESENTED TO TOP THREE IN EACH HEAT.
- C. NUMBER OF VEHICLES QUALIFYING FOR MAIN EVENT FROM EACH HEAT WILL BE DECIDED AT PIT MEETING.
- D. TROPHIES AND CASH AWARDS WILL BE PRESENTED TO TOP 3 IN EACH FEATURE. WINNERS OF THE FEATURES MUST STAY ON THE STAGE FOR GROUP PICTURES FROM PRESS AGENTS. IF A PRESS AGENT REQUESTS AN INTERVIEW DO YOUR BEST TO ACCOMMODATE.
- E. YOU CAN NOT SWITCH VEHICLES IF YOU QUALIFY FOR FEATURE BUT YOUR VEHICLE WON'T RUN. YOU MUST RUN THE FEATURE WITH THE VEHICLE YOU RAN IN THE HEAT
- F. A LAST CHANCE CONSOLATION RACE WILL BE RUN IF DEEMED NECESSARY TO FILL OUT THE STARTING FIELD.
- G. 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.
- H. IF YOU ARE TIMED OUT, YOU MUST KEEP YOUR HELMET ON AND STAY BUCKLED IN, KEEP ALL HUMAN BODY PARTS INSIDE THE VEHICLE. ON A RED FLAG YOU MUST GET OUT OF THE VEHICLE AND OFF THE TRACK.
- I. AT THE END OF THE HEATS AND FEATURES, STAY WITH YOUR VEHICLE TO HELP STEER AND DIRECT LOADER OPERATORS TO YOUR PIT AREA
- J: DEMO VEHICLES MUST BE REMOVED FROM FAIRGROUNDS BY MIDNIGHT OF EVENT.

## TECH & SAFETY CHECK

- A: WE WILL NOT BE COMING TO YOU. DRIVER & VEHICLE WILL COME TO US.
- B: WHEN YOU PASS TECH YOU MUST GO STRAIGHT TO LINEUP AND CLOSE UP YOUR CAR THERE. NO GOING BACK TO PITS UNLESS YOU FAIL TECH.
- C: IF YOU FAIL TECH, AN OFFICIAL WILL GIVE YOU A SHEET LISTING THE DEFICIENCIES THAT NEED CORRECTION. MAKE THE CORRECTION, RETURN TO TECH WITH THE SHEET & HAVE THE VEHICLE RECHECKED.
- D: ABSOLUTELY NO BUILDING OF VEHICLE AT TRACK. BUILD YOUR VEHICLE AT HOME.

## TIRES & WHEELS

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

- A: NO EXOTIC, AGGRESSIVE TREAD MUD TIRES SUCH AS : DICK CEPEK FUN COUNTRY, INTERCO SUPER SWAMPERS, M/T BAHAM BOSS, NITTO GRAPPLER, COOPER DISCOVERER SST AND THE LIKE ARE NOT ALLOWED.
- B: RUN OF THE MILL, EVERYDAY, EASY TO OBTAIN, NOT EXOTIC, SNOW & ALL SEASON TIRES NOT TO EXCEED 12/32 INCH TREAD DEPTH ALLOWED. SUCH AS: COOPER DISCOVERER M&S, FIRESTONE WINTERFORCE, COOPER DISCOVERER AT3 & HT3 AND THE LIKE WILL BE ALLOWED.
- C: STOCK WHEELS ONLY. NO HOME OR CUSTOM BUILT WHEELS ALLOWED. NO RACING WHEELS ALLOWED

- D: NO INNER LINERS ALLOWED, ABSOLUTELY NO LOADING OF TIRES.
- E: ABSOLUTELY NO UTV/ATV TIRES ALLOWED, D.O.T. APPROVED TIRES ONLY
- F: ONLY ONE TIRE PER WHEEL
- G: NO BEAD LOCKS, NO VALVE STEM PROTECTORS, NO SIDE WALL PROTECTORS
- H: ALL TIRE STUDS AND WHEEL WEIGHTS MUST BE REMOVED FROM FRONT & REAR WHEELS. THERE WILL BE NO EXCEPTIONS
- I: IF YOU HAVE A VEHICLE THAT HAS NEVER BEEN WRECKED IN A DEMO, YOU MAY NOT START THE DEMO HEATS WITH ANY DONUT TIRES. IF CAR IS DAMAGED FROM BEING IN A PREVIOUS DEMO AND THE TIRE/WHEEL ASSEMBLY WON'T FIT IN THE WHEEL OPENING WITH A REASONABLE AMOUNT OF CLEARANCE THAN YOU MAY START WITH DONUT TIRES.
- J: DONUT TIRES ALLOWED FOR FEATURE IF THE STOCK TIRE/WHEEL ASSEMBLY WILL NOT FIT IN THE WHEEL OPENING WITH A REASONABLE AMOUNT OF CLEARANCE.
- K: "A REASONABLE AMOUNT OF CLEARANCE" WILL BE AT THE OFFICIALS DISCRETION.
- L: 4, 6 & 8 CYLINDER CARS, MINI VAN AND COMPACT TRUCKS TIRES WILL NOT EXCEED A 4 PLY RATING
- M: FULL SIZE PICK UP AND SUV TIRES WILL NOT EXCEED A 10 PLY RATING

### BODY PANELS

- A: ALL DOORS MUST BE WELDED, CHAINED (1/4 INCH) OR USE 1 STRAND OF #9 WIRE OR 2 STRANDS OF FENCE WIRE TO KEEP SHUT. NO CABLE ALLOWED
- B: WELDING ON DOORS CONSISTS OF ONLY THREE (3) HALF DOLLAR SIZE TABS WELDED FROM THE DOOR TO B PILLAR..
- C: HOOD MUST BE SHUT WITH (1/4 INCH CHAIN) OR 1 STRAND OF #9 WIRE OR 2 STRANDS OF FENCE WIRE SHUT. YOU CANNOT WELD NOR BOLT THE HOOD SHUT. NO HOOD PINS ALLOWED. NO CABLE ALLOWED. ALL HOOD LATCHES MUST BE REMOVED.
- D: THE 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.
- E: ALL SUNROOFS MUST HAVE THE GLASS REMOVED AND BE TINNED OVER WITH A MINIMUM OF 22 GAUGE STEEL
- F: ENGINE HOODS MUST HAVE A MINIMUM 12" X 15" HOLE CUT IN THE CENTER
- G: 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.
- H: ALL DEBRIS & GLASS (BROKEN OR OTHERWISE) MUST BE REMOVED FROM THE VEHICLE. ANY SIDE WINDOWS, WINDSHIELD, REAR WINDOW, FRONT & REAR DOORS AND SUNROOF.
- I: NO REAR VIEW MIRRORS OF ANY KIND ALLOWED.
- J: ON THE DRIVERS DOOR ONLY. YOU MAY ATTACH BY BOLTING OR WELDING, ONE HOLLOW 2X2 INCH SQUARE TUBE NOT TO EXCEED 1/8 INCH WALL THICKNESS OR 2 INCH HOLLOW ROUND TUBE NOT TO EXCEED 1/8 INCH WALL THICKNESS. THE ENDS MUST NOT HAVE SHARP EDGES AND NOT BE CAPPED. TECH OFFICIALS MUST BE ABLE TO VERIFY THAT IT IS HOLLOW, OR A SECTION OF STEEL PLATE 3/16 INCH THICK BY 6 INCHES WIDE MAY BE BOLTED OR WELDED TO THE DRIVERS DOOR. YOU CAN USE ONE OF THE OTHER NOT BOTH.
- K: WHATEVER IS USED CANNOT EXTEND MORE THAN 4 INCHES FRONT OR REAR OF THE DRIVERS DOOR.
- L: NO INTENTIONAL REINFORCEMENT OR INTENTIONAL WEAKENING OF THE FRAME.
- M: YOU MAY NOT INTENTIONALLY STRENGTHEN OR WEAKEN BODY PANELS
- N: 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.
- P: ALL AIR BAGS MUST BE DISABLED
- Q: YOU MAY RUN A SECTION OF HOLLOW STEEL TUBING FROM THE BAR THAT SUPPORTS YOUR SEAT BACK TO THE CENTER OF A FACTORY DASH SUPPORT OR THE

FLOOR. TO ATTACH YOUR TRANSMISSION SHIFTER, SWITCHES, GAUGES, ETC. THE SECTION OF STEEL WILL NOT EXCEED 2X2. WITH A MAXIMUM 1/8 INCH WALL THICKNESS.  
R: ALL EXTERIOR MIRRORS, PLASTIC MOULDING, HEADLIGHT ASSEMBLIES, TAIL LIGHT ASSEMBLIES, PLASTIC BUMPER COVERS, PLASTIC GRILL, ETC. MUST BE REMOVED.

### BUMPERS

A: NO HOMEMADE OR CUSTOM MADE BUMPERS OF ANY KIND.  
B: BUMPERS WILL NOT BE WIDER THAN THE TRACK WIDTH OF THE TIRES  
C: YOU MAY WELD OR BOLT BUMPER TO ORIGINAL MOUNT.  
D: ALL BUMPER ENDS MUST BE GROUND OFF WITH ABSOLUTELY NO SHARP EDGES ALLOWED.  
E: NO EXTRA BRACKETS OR BRACING OF ANY KIND ALLOWED.  
F: NO END CAPS ALLOWED. SAFETY OFFICIALS MUST BE ABLE TO SEE FROM ONE SIDE TO THE OTHER.  
G: **ALL BUMPERS MUST HAVE TWO 1/4 INCH CHAINS OR CABLES ON FRONT BUMPER AND TWO 1/4 INCH CHAINS OR CABLES ON THE BACK BUMPER. TO HELP KEEP THE BUMPER FROM FALLING OFF ON TO THE TRACK**  
H: OFFICIALS RESERVE THE RIGHT TO MAKE YOU SHORTEN BUMPERS OR REMOVE THEM AS DEEMED NECESSARY.  
I: ABSOLUTELY NO WELDING OF BUMPER SHOCKS TO STRENGTHEN THEM.  
J: NO TRAILER HITCHES ALLOWED ANYWHERE ON THE VEHICLE  
K: ALL BUMPERS MUST BE MOUNTED CORRECT SIDE UP.  
L: ALL FRONT & REAR PLASTIC BUMPER COVERS MUST BE REMOVED

### SUSPENSION/FRAME/ENGINE/DRIVE AXLES

A: ABSOLUTELY NO WELDING OF STRUTS OR SHOCKS.  
B: ABSOLUTELY NO CHAINING OR REINFORCING OF ANY SUSPENSION PARTS.  
C: NO CHAINING OR EXTRA BOLTING ON ANY PART OF THE SUSPENSION OR FRAME  
D: SUSPENSION MUST HAVE TRAVEL IN FRONT AND BACK AND MUST A PASS BOUNCE TEST.  
E: STEERING AND SUSPENSION PARTS MUST BE STOCK AND IN PLACEMENT FOR THE VEHICLE.  
I.E.- YOU MAY NOT PUT SPRINGS THAT BELONG IN THE FRONT OF A VEHICLE IN THE REAR.  
I.E.- YOU MAY NOT TAKE SPRINGS OUT OF A 1 TON AND PUT IN A COMPACT TRUCK.  
F: NO DEEMED RACING OR OFF ROAD PARTS ALLOWED.  
G: NO ANTIFREEZE ALLOWED  
H: ALL A/C SYSTEMS MUST BE DISCHARGED.  
I: THERE WILL BE NO ADDED 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. YOU MAY NOT INSTALL A OVERSIZED A/C CONDENSER OR TRANSMISSION OIL COOLER, YOU MAY NOT INSTALL A CHARGE AIR COOLER, YOU MAY NOT INSTALL MESH, SCREEN, PLEXIGLASS, ETC.  
J: NO WORKING 4X4 ALLOWED. YOU MUST EITHER BE FRONT WHEEL DRIVE OR REAR WHEEL DRIVE. YOU MUST HAVE A MECHANICAL DISCONNECTION FROM BEING 4X4.  
**K: EXHAUST MAY EXIT THROUGH THE HOOD. THE PIPES MUST EXTEND THROUGH THE HOOD AT LEAST 12 INCHES BUT NO MORE THAN 24 INCHES.**

### BATTERIES, FUEL TANKS, PUMPS & MOUNTING

A: FUEL TANKS WILL BE LEAK FREE WITH A MAXIMUM OF 5 GALLONS OF FUEL IN THE TANK.

B: IF YOUR STOCK GAS TANK IS MOUNTED AHEAD OF THE REAR AXLE, YOU MAY LEAVE IT THERE AND USE IT. IF IT IS BEHIND THE REAR AXLE OR OUTSIDE OF THE FRAME YOU MUST REMOVE IT & USE A CABIN MOUNTED FUEL TANK.

C: YOU MAY REPLACE STOCK GAS TANK WITH A BOAT TANK OR STEEL GAS CAN AND LOCATE IT IN THE DRIVERS COMPARTMENT, AS FAR AWAY FROM THE DRIVER AND BATTERY AS POSSIBLE.

D: STOCK FUEL TANKS WILL BE ALLOWED IN THE CABIN AREA. NO STOCK TANKS ALLOWED IN SINGLE CAB TRUCKS

E: 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.

F: THE FIREWALL MAY BE SECURED WITH RATCHET STRAPS

G: ANY RUBBER FUEL LINES IN THE CABIN MUST BE IN A SUITABLE FIRE RESISTANT CONDUIT.

H: FUEL PUMPS ARE ALLOWED IN DRIVERS COMPARTMENT PROVIDING THAT THEY ARE MOUNTED SECURELY AND UNDER A TIN FIREWALL.

I: 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

J: ALL FUEL TANKS WILL BE INSPECTED. PLEASE LEAVE THE FIREWALL OFF UNTIL AFTER INSPECTION.

K: ONLY ONE BATTERY PER VEHICLE ALLOWED. THE BATTERY MAY BE IN THE CABIN BUT MUST BE SECURELY MOUNTED AND COVERED

#### **SAFETY EQUIPMENT**

A: HELMETS MUST BE D.O.T. APPROVED AND AVAILABLE TO TECH OFFICIALS FOR INSPECTION. NO CRACKED HELMETS ALLOWED. ONLY FULL HELMETS ALLOWED. NO HALF HELMETS ALLOWED.

B: YOU MUST WEAR SAFETY GLASSES OR SAFETY GOGGLES IF YOUR HELMET DOESN'T HAVE A FULL FACE SHIELD

C: DRIVERS SAFETY BELTS MUST BE IN WORKING ORDER. BELTS CANNOT HAVE TEARS OR HOLES IN THE BELT.

D: MUST WEAR LONG PANTS & LONG SLEEVE SHIRT.

E: GLOVES ARE HIGHLY RECOMMENDED.

F: WORK BOOTS HIGHLY RECOMMENDED OVER SNEAKERS.

G: YOU MUST HAVE A RESTRAINT TO HOLD THE BACK OF YOUR SEAT UP. YOU MAY USE CHAIN OR SUITABLE RATCHET STRAP. YOU MAY ALSO USE 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, YOU MAY INSTALL TWO 1/4 INCH CHAINS OR 2 SECTIONS OF TWO INCH WIDE BY 3/16 INCH THICK STRAP STEEL IN THE WINDSHIELD AREA, FROM THE FRONT EDGE OF THE ROOF TO THE WIPER COWL.

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## **MANDATORY: YOU MUST HAVE A STANDUP ROOF NUMBER!!!!**

A. MINIMUM SIZE IS 16" HIGH X 22" WIDE  
B. NUMBER MUST BE ON BOTH SIDES AND READABLE