

2022 Full size truck rules – TWEED

1980 and newer full size half ton trucks Astro van/aerostar vans style also. Not open to mini trucks like S-10, Ranger ETC- Dodge Dakota falls under being a full size truck.

MAX truck 3/4

2. NO convertibles, Jeeps. If you unsure of a truck contact us via email.

3. Trucks previously run in demos may be considered too battered and unsafe, resulting in disqualification.

4. If there is in any question regarding the participant's vehicle it is the driver's responsibility to prove make, model, year, engine etc.

RUNNING

Risk: Demolition derbies are hazardous and high-risk sports; therefore, anyone with a health condition, i.e., concussion, heart problems etc. or who is pregnant should not compete.

Protect yourself. Work Boots, sport equipment – e.g. neck brace, knee pads are recommended.

No bare exposed skin. All drivers MUST wear long pants/coveralls or long sleeved shirts. No exceptions.

Working seat belt and racing helmet are mandatory. Helmets MUST have chin straps. Goggles or face shields are recommended.

BRAKES – Vehicles must have dependable brakes and must be working properly before entering pen at all times. All boundaries must be observed.

NO DRINKING OF ALCOHOLIC BEVERAGES ON TRACK, EMERGENCY VEHICLE AREA OR IN THE PIT AREA. Any driver or pit person under the influence of alcohol or drugs allowed in the pit area. This will be strictly enforced.

Competitive aggressive hits! Careless driving in the pit area could result in disqualification.

All trucks are to be removed from the fairgrounds or racetrack immediately following the show.

Additional safety regulations may be imposed, depending on track and conditions.

All decisions of the official are final. NO REFUNDS!!

ALL drivers and pit persons MUST sign the event insurance waiver. Failing to do so will result in disqualification. Pit passes must be worn at all times.

Preparation of TRUCK must be DONE PRIOR to arriving at fairgrounds.

Full Size TRUCKS 2020

1. Flammable Material - All carpet, headliner, door pads and ALL other flammable material MUST be removed from inside of car. Front seat and dash board may be left in place.

2. Glass/airbags - All windows, mirrors, airbags & trim, must be removed prior to derby event. No loose glass smashed into the bottom of doors. DRIVERS SAFETY

3. Doors & Numbers - Drivers door must be PAINTED WHITE. An optional roof number plate may be securely installed. 80% of drivers door must be white

4. Fire Extinguisher - Must be within reach of the driver, must work and have a proper working gauge. Please check gauge on the extinguisher before arriving for the event.

5. Battery - One 12 volt battery must be moved to front passenger floor board and securely fastened in a box/container clear of all fuel sources. Can also be mounted in the passenger seat area. Following inspection it must be covered with a non-flammable shield such as rubber mat or steel cover. Car, truck or farm batteries allowed. NO double batteries. ONE battery only

6. Gas Tank - Stock gas tanks must be removed. Must be a steel marine tank, plastic, custom steel fuel tank, or racing fuel cell. All tanks must be welded or bolted to the frame in box. An opening 6" larger than size of tank must be made in box to allow tank to be bolted to frame. Tanks in Suburban's and extended cabs must be securely mounted in the rear (center) passenger compartment and have a rubber mat between the tank and floor if using plastic tanks. Tank must be covered with a non-flammable material after inspection. . No movement to occur during inspection. Leaks will result in disqualification. Referee has final decision. No gas tank protectors.

7. Fuel Lines/Pump - All fuel lines must have leak proof fitting with steel or rubber lines (no clear lines). No exceptions. Lines should run inside car. Leaks will result in disqualification. All connections MUST have hose clamps to eliminate fuel leaks. Must have a safety shut off switch marked in red located on roof in center of the windshield area for officials use. Switch to control electric fuel pump only. Driver's safety. MANDATORY. This rule is for fuel injected cars only.No gas tank protectors.

8. Fuel System - Electric fuel pump must be isolated with a non-flammable material covering lines, tank & pump. Example: covering may be fire resistant blanket or air bag material.

9. WELDING - No welding outside the permitted areas. Referee has final decision. Rear end gears can be welded.

10. ENGINE - Motors can be interchanged. Gm in FORD ECT. Carbureted engines allowed in fuel injected trucks. Headers allowed. FULL engine cradles and trans braces are allowed. If using a dist protector it must be 2" from firewall on a fresh truck. Aftermarket pedals and shifters allowed. slider shafts may be used. Engine and transmission mounts may Not reinforce the truck. Cradle not to touch the frame.

11. Hood & Trunk/tailgate - Hoods are not mandatory. Without hood – use electric fan only – fans directly connected to motor must be removed. With hood – a 12" opening must be cut in the center of the hood. Hoods must remain open for officials' inspection. Hood can be fastened down in maximum of 6 places including seat belt strapping, wire, or chain only. Hoods/rad support can be wired to bumper in 2 spots. Gates can be fastened closed in maximum of 6 place. Rear bumper can be wired to tailgate in 2 spots. Two 3/4" threaded rods can extend up thru the frame, rad support and hood. Tailgates can be laid flat on the box floor and fastened thru the box only with 2- 3/4" lengths of threaded rod. NO thru frame. Box sides can be folded over and fastened thru the box only with 2- 3/4" lengths of threaded rod. Cabs can be welded to box with 2 3"×3" plates per side OR Two 3/4 inch bolts fastening the cab to the box. Tailgates can be welded to the bedside with 3 3"×3" plates. If your building a suburban with barn doors each door can have 6 3"×3" plates.

12. Doors - All doors must be fastened shut with wire, straps, chained, bolted or welded with 3"×3" plates in 6 locations MAX per door. Example: 2 door trucks to have doors fastened in 8 total places and a 4 door truck to have a total of 12 per side total.

13. Bracing - Dash bar to run above the steering column touching each door post and to be 6" away from the center section of the firewall. Doors plates are allowed on both sides. Not overlapping on the box and no further ahead than 6" onto the fender. On a van/ 4 door truck or Suburban side plates no longer than 72". Max 12" high and 1/4" thick. for all side plates. 6- 3/4" bolts holding each door bar on or stich welded 1" every 5". A seat bar can be welded or bolted from post to post behind the driver's seat. It can not be extended down to the floor/frame but can extend over the roof as a roll over bar. Max 3-4" tubing. No kickers or down bars of any kind. Can be bolted or welded to the roof. NO bars extending past the back of the drivers seat. Inside door bars can connect dash and seat bar to create at square around the driver. No restrictions on drivers door reinforcement.

14. Windshield - Strong steel construction-type wire mesh is recommended for the windshield area. Strong upright steel bar or chain must be bolted/ welded in windshield area. Can also use wire. Not to reinforce the truck but to protect the driver. May not contact any drivetrain protectors.

15. Bumpers - Bumper ends can be bent in or cut off. A 4"×4" tube can be welded to the the frame rails on the front frame behind the stock bumper. Tube can be fitted tight to the back of the bumper. NOT welded to bumper or body OR a 4"×4" square tube can be welded to the end of the frame or a loaded factory car bumper may be used. Gussets from frame to bumper not to exceed 3" across. Allowed to weld the end 6" of the frame to keep the bumper on not to reinforce. No welding brackets to the frame. Rear bumpers can be removed If rear bumper is removed a 3X3 piece of tube can be welded between the frame rails. Tube bumpers must be cut on an angle or capped. No added point on tube bumpers...

16. Radiator - Radiators and cooling system must be flushed of anti-freeze and only water added. Overflows for radiator must point downward to the ground. Radiator must be mounted in original position or removed. No screens only original AC condenser. No metal added around the rad for reinforcement. No rad guards.

17. Transmission - Cooler can be placed inside the cab in a safe place and covered with a floor mat for safety.

18. SUSPENSION - Suspension must be stock unless other wise mentioned. Movement must occur. Tie rods can be reinforced. Everything else must be OEM. Ball joints, control arms, spindles and all other steering must be OEM. No added leaf spring clamps. Gears can be welded. 4X4 must be disabled. Trucks must have stock ride height. Rear ends swaps allowed. MUST be mounted in a factory manner for that truck. Stock style leaf springs. Coil spring trucks can be converted to leaf spring set using factory pick up spring packs. Spring hangers must be similar to factory and bolted to the frame NOT welded. Max truck style is 3¼ ton. No added leaf spring clamps. Pinion brake set up's are allowed.

19. FRAMES - A TOTAL of 6- 4X4' repair can be added to bent frames. Trailer Hitch MUST be removed completely.

20. MOTOR - mounts Can be welded or chained but not to reinforce frame in any way. Plates can be added to cross member to weld on different make of engine- Example to get Gm into a Ford

21. Body Mounts - STOCK MOUNTS AND BOLTS. 3¼" threaded rod may be used in 2 places thru frame, rad support and up thru the hood. 2 extra 3/4 bolts can be added to the box with max 3×3" washers.

22. Tires - Any Double tires/tubed tires permitted. No valve stem protectors. Wheel weights must be removed. NO bead locks- rim guards. STOCK rims. Welded centre's are ok but only to change the bolt pattern no to reinforce the rim. NO FULL CENTRES No split rims. Air filled only. No triple sidewalls on drive tires. Some events may have tread depth restrictions for drive tire so please check the facebook group ahead of time or contact Jonathan Kehoe or Dustin Ingram

23. Officials reserve the right to change or make a rule at any time.

1970 & NEWER FULL SIZE CARS TWEED 2022

TYPE OF CAR

NO trucks, convertibles, jeeps, vans, hearses, limousines, checker cabs, imperial, suicide lincoln's
Cars previously run in demos may be considered too battered and unsafe, resulting in disqualification.

If there is in any question regarding the participant's vehicle, it is the driver's responsibility to prove make, model, year, engine rear end, etc.

1. Flammable Material - All carpet, headliner, door pads and ALL other flammable material MUST be removed from inside of car. Front seat and dashboard may be left in place. Sunroofs must be covered.

2. Glass/airbags - All windows, mirrors, airbags & trim, must be removed prior to derby event. No loose glass smashed into the bottom of doors. DRIVERS SAFETY

3. Doors & Numbers - Driver door must be PAINTED WHITE. An optional roof number plate may be securely installed. No all white cars. 3/4 of the driver's door must be painted white.

4. Fire Extinguisher - Must be within reach of the driver, must work and have a proper working gauge. Please check gauge on the extinguisher before arriving for the event.

5. Battery - One 12 volt car battery must be moved to front passenger floor board and securely fastened in a box/container clear of all fuel sources. Following inspection it must be covered with a non-flammable shield such as rubber mat or steel cover. Heavy truck or farm batteries may result in disqualification. NO double batteries.

6. Gas Tank - Stock gas tanks must be removed. Must be a steel marine tank, custom steel fuel tank, or certified racing fuel cell. Plastic tanks MUST have a rubber floor mat mounted between the floor and tank. All tanks must be securely fastened down (bolted) in the middle of the back seat area. Tank must be covered with a non-flammable material (rubber mat) after inspection. No movement to occur during inspection. Leaks will result in disqualification. Ref has final decision. No race fuel allowed pump gas only. NO GAS TANK PROTECTORS. Tank/bracket MUST be 4" away from the rear sheet metal. If gas tanks are mounted on the seat bar the bracket/tank cannot in anyway act as a gas tank protector. No exceptions.

7. Fuel Lines/Pump - All fuel lines must have leak proof fitting with steel or rubber lines (no clear lines). No exceptions. Lines should run inside car. Leaks will result in disqualification. All connections MUST have hose clamps to eliminate fuel leaks. Must have a safety shut off switch marked in red located on roof in center of the windshield area for officials use. Switch to control fuel pump only. Driver's safety. MANDATORY. This rule is for fuel injected cars only. Switch must be visible for 20' away.

8. Fuel System - Electric fuel pump must be isolated with a non-flammable material covering lines, tank & pump. Example: covering may be fire resistant blanket or air bag material.

9. WELDING - ABSOLUTELY NO WELDING ON VEHICLE OUTSIDE THE OUTLINED AREAS. No Exceptions. NO REAR WINDOW BARS.

10. ENGINE – ENGINES MAY BE SWAPPED FROM DIFFERENT MAKE OF CAR.
NO DRIVETRAIN PROTECTION.

11. SHIFTERS - Shifters may be directly attached to transmission linkage & relocated thru floor over transmission hump. Aftermarket shifters and gas pedals allowed. No Slider shafts or pinion brakes.

12. Hood & Trunk/tailgate - Hoods are not mandatory. Without hood – use electric fan only – fans directly connected to motor must be removed. With hood – a 12" opening must be cut in the center of the hood. Hoods must remain open for officials' inspection. Hood can be fastened down in maximum of 8 places including threaded rod or with seat belt strapping, wire, or chain only. Hoods/rad support can be wired to bumper in 4 places. Maximum of 2 spots with threaded rod maximum of 3/4 inch holding the hood shut. These spots will account for 2 of the 8 spots. Trunk/tailgate to be fastened down in same way as hood. Trunks/gates can be fastened closed in maximum or 8 place including wired in 4 places to rear bumper. Maximum of 2 spots with threaded rod maximum of 3/4 inch holding the trunk shut. These spots will account for 2 of the 8 spots. Angle iron can be welded to the fender/hood and bolted together max 2"x2". Each bolt counts as a hold down place. Threaded rod must still have rubber mounts in place all washers 4"x4" max.

13. Door – Fastening All doors must be fastened shut with wire, straps, chains, weld (4"x4") or seat belts in 8 locations per door. Outside Car: Flat bar only bolted 8 times with a maximum 3/4" bolts. Max 72" long x 12" wide x 1/4" thick. PLATE ONLY. NO WELDING. Not mandatory. NO WELDING

14. Bracing - Seat bar behind front seat from post to post. Seat bar can be extended down to the rocker/frame and can be bolted with 2 3/8" bolts per side. NOT welded. DASH BAR- mounted door frame to doorframe, but not to firewall. Dash bars must be mounted above steering column. No down bars off dash bar. Safety bars MUST be securely mounted inside

the car. Cars can have roll bar up and over the roof. Can only be bolted/welded to the seat bar. ONE bar can run down the inside of each front door joining the dash and seat bar creating a safety square around the driver. One bar can run between the seats from dash bar to seat bar to mount shifter and must be 12" off the floor. All safety bars 4" max diameter. Round or square tube. This is a safety cage and roll bar. NOT to reinforce the car.

15. Windshield Space - Strong steel construction-type wire mesh is recommended for the windshield area. One strong upright steel, chain or iron bar must be bolted/welded in windshield area. Bar to run from cowl to front portion of the roof. Must be 12" away from halo bar. NO REAR WINDOW BARS

16. FIRE WALL - Suggested that all holes in firewall must be filled/covered with tin. Center section of dash bar NOT to touch the firewall

17. Bumpers – Any factory passenger car bumper may be used. Front bumpers may be loaded , All work must be done on inside of bumper. The first 6" of the front frame are fair game to do what you like to mount bump. No metal may extend more then 4" past any point of the frame .(if this run is "Grey" msg me and I will be sure to clear it up for you.

18. Radiator - Radiators and cooling system must be flushed of anti-freeze and only water added. Overflows for radiator must point downward to the ground. Radiator must be mounted in original position or removed. No extra screens allowed. (Stock A.C. condensers permitted in original position.) No metal added around the rad for reinforcement. No rad guards.

19. Transmission - Coolers Are permitted . Transmission dipstick must be securely fastened, wired down or have an overflow tube pointing straight down away from drivers or spectators.

20.SUSPENSION - Steering/Suspension must be OEM. Movement must occur. It is recommended that rear coiled springs be wired to the differential. Rear end swaps are allowed. Any 5 bolt rear. No welding on rearend housing no bracing. Aluminum spindles may be swapped for steel oem spindles.

21. FRAMES – Used cars will get a max 6 -4"x4"x1/4" repair plates.

22. MOTOR Mounts - Stock mounts may be welded or chained. Any excessive or added mounts will result in disqualification. 2 chains (3/8") may run from engine to frame area between rad support and firewall (upper control arm area) in case a motor mount breaks. No extra chains, wires or straps from engine/transmission to frame or body. No Exceptions.

23. Body Mounts - Rubber body mounts must be kept in with stock size bolts. Factory bolts cannot have large washers installed. If the car has threaded rod holding the hood/truck shut rubber mounts must still be in place. The centre of mounts can be made larger to accommodate the 3/4 threaded rod. Referee's discretion. STOCK BODY BOLTS/MOUNTS.

24. Tires - Drive tires must be low aggression. D.O.T. Tires must be low aggression. No forklift/skid/rally tires or solid fill tires. All tires must be filled with air only. Tires may be doubled. No split rims. No screwing tires to rim or studding. All wheel weights must be removed- no welding stem protections. Carry spare D.O.T. mud tires in case track conditions warrant. Referee's discretion. NO triple side walls on any tires. Thread over 1/4" deep may be rejected. NO bead locks/rim guards. Weld in wheel centres are ok. NO FULL WELD IN CENTRES.DOT TIRES ONLY. Snow tires allowed.

25. Pre-bending - No pre-bending frame or body. Notching frames is permitted. Bolting of body panels is not permitted. Once the car is used the body can be bent.

26. Officials reserve the right to change or make a rule at any time .

2022 MINI CLASS – TWEED

Cars under 106" wheel base 4 and 6 cylinder

1. INSURANCE - ALL drivers and pit persons MUST sign the event insurance waiver. Failing to do so will result in disqualification. Pit passes must be worn at all times.
2. Flammable Material - All carpet, headliner, door pads and ALL other flammable material MUST be removed from inside of car. Front seat and dash board may be left in place. It is suggested that the plastic bumpers covers be removed. They don't do anything anyways.
3. Glass/airbags - All windows, mirrors, airbags & trim, must be removed prior to derby event. No loose glass smashed into the bottom of doors. DRIVERS SAFETY
4. Doors & Numbers - Driver's door must be PAINTED WHITE. An optional roof number plate may be securely installed. No all white vehicles.
5. Fire Extinguisher - Must be within reach of the driver, must work and have a proper working gauge. Please check gauge on the extinguisher before arriving for the event.
6. Battery - One 12 volt car battery must be moved to front passenger floor board and securely fastened in a box/container clear of all fuel sources. Following inspection it must be covered with a non-flammable shield such as rubber mat or steel cover. Heavy truck or farm batteries will result in disqualification. ONE BATTERY
7. Gas Tank - Stock gas tanks must be removed. Must be a steel marine tank, custom steel fuel tank, or certified racing fuel cell. NEW FOR 2019. ALL TANKS MUST BE MOUNTED TO REAR SEAT BAR OR IF MOUNTED TO THE FLOOR TANK MUST SIT IN STEEL HOLDER. TANK MOUNTED TO THE FLOOR WITH RATCHET STRAPS WILL NO LONGER PASS. Tank must be covered with a non-flammable material (rubber mat) after inspection. Maximum 5 gallons. No movement to occur during inspection. Leaks will result in disqualification
Gas tanks can be mounted to the seat bar but no bracing acting as a GTP.NO GAS TANK PROTECTORS .
8. Fuel Lines - All fuel lines must have leak proof fitting with steel or rubber lines (no clear lines). No exceptions. Lines MUST run inside car. Leaks will result in disqualification. All connections MUST have hose clamps to eliminate fuel leaks.FUEL INJECTED CARS MUST HAVE PROPER RATED LINE AND CLAMPS!
9. Electric Fuel - Pump Must have a safety shut off switch marked in red located on roof in center of the windshield area for officials use. Switch to control fuel pump only. Driver's safety. MANDATORY. This rule is for fuel injected cars only.
10. Fuel System - Electric fuel pump must be isolated with a non-flammable material covering lines, tank & pump. Example: covering may be fire resistant blanket or air bag material.
11. Trunk & Tailgate - Trunk/tailgate maybe fastened closed in MAX 6 locations each. If trunk is fastened closed a 15" square hole must be cut in center of trunk for officials' inspection. Bumper can be wired to trunk in 4 places. 2 bolts or threaded rod may be used to fasten trunk and hood shut. These account for 2 of the 6 locations. Max 3/4". Max 3x3 washer.
12. Hood & Trunk/tailgate - Hoods are not mandatory. Without hood – use electric fan only – fans directly connected to motor must be removed. With hood – a 12" opening must be cut in the center of the hood. Hoods must remain open for officials' inspection. Hood can be fastened down in maximum of 8 places including threaded rod or with seat belt strapping, wire, or chain only. Hoods/rad support can be wired to bumper in 4 places. Maximum of 2 spots with threaded rod maximum of 3/4 inch holding the hood shut. These spots will account for 2 of the 8 spots. Trunk/tailgate to be fastened down in same way as hood. Trunks/gates can be fastened closed in maximum or 8 place including wired in 4 places to rear bumper. Maximum of 2 spots with threaded rod maximum of 3/4 inch holding the trunk shut. These spots will account for 2 of the 8 spots .2x2 Angle iron can be welded to the fender/hood and bolted together. Each bolt counts as a hold down place. Threaded rod must still have rubber mounts in place.
13. Body Panels - Metal may be cut from around wheels for clearance. 6 bolts may be added to rear fenders / quarters each side. Max 3/8 bolt. Max 3/8 washer.
14. Door Fastening - Doors to be fastened closed MAX in 6 locations per door. Doors may be welded in 6 locations. Max 3" weld. Max 3x3 plate. If Wire, chain, straps or belts are used 6 spots only per door. If using a combination of methods you still may not exceed 6 spots per door.
15. Bracing - Drivers side of car may have a 12" X 50" X 1/4" max steel plate applied to drivers door bolted in 6 locations with a maximum 1/2" bolt NOT welded. NO "C" CHANNEL OR ANGLE IRON. Not mandatory but strongly suggested. NO Rear window bars. No hump plates. No gas tank protectors no dash or passenger side bars. No restrictions on drivers door reinforcement.

16. Roll bar - Single roll bar up each door frame, inside or across outside of the roof. Roll bars going across the roof can be bolted twice through the roof for driver safety. This roll bar may be welded or bolted down to the seat bar and bolted to the floor, NOT through frame or rockers. A seat bar MAX 3X3" can be bolted or welded behind back seat from side to side to protect driver. No excessive use of materials. Not mandatory. Seat/roll bars not to extend past back of drivers seat. Bar over roof cannot be attached to any other bar on the car except the rear seat bar.

17. Windshield- Space One single bar must be in place from the lower cowl to the center of the roof. No larger than 2' angle iron or 2X2 square tubing. NOT WELDED. ONE BAR ONLY

18. Dash bar - NO DASH BARS

19. Interior Modifications - No welding of any inside body support seams or firewall seams. All holes in firewall must be covered with a non- flammable material. Large holes in car floors must be repaired with same gauge metal and securely fastened. No reinforcement. Drivers seat must be tied into roof or door post. Broken seats may result in disqualification.

20. Bumpers - Front bumper only can be replaced with a full size car re bar. Example. Crown Vic or Caravan re bar. NO FULL SIZE CAR BUMPERS OR TUBE ALLOWED. No truck bumpers. BUMPER MOUNTING the first 6" of the stock sub frame is fair game. No welding what so ever to K frame. No metal may extend more then 4" past any point of the frame. If this rule seems confusing contact me and I will clear it up . Example (I cut 2" of frame off I can weld 4" of frame to mount bumper. Example #2 (I cut 6" off I can only but weld my bumper on).

21. Front Grill - Stock A.C. condensers permitted in original position. NO ADDED SCREENS

22. Radiator - Must be flushed of anti-freeze and replaced with water only. Overflows must point straight down. NO reinforcement.

23. Transmission Cooler - No aftermarket transmission coolers.

24. DRIVE TRAIN PROTECTORS - No drive train protectors.

25. suspension/Steering - Suspension must remain stock. NO modifications. No modifications, welding or changing parts. If you have a broken part from a previous derby and you want to repair it call ahead for clarification.

26. Frames - No welding of frame seams top or bottom. Trailer Hitch must be completely removed. ZERO frame welding/repairs will be allowed. NO frame repairs. Rear frame can be notched. Two extra body mounst may be added in location of your choice max ¾, three store bought washers and nuts per mount. No welding what so ever on this mount .

27. motor mounts - Stock. No reinforcing mounts or chaining engine in.

28. Body Mounts - Rubber mounts must be in place.

29. Tires - All tires must be filled with air only. Tubes allowed. Doubled tires allowed. No split rims. No screwing tires to rim or studding. All wheel weights must be removed and no welding stem protections. Referee's discretion. NO triple side walls are permitted. No bead locks or stem protectors.

30. Pre-bending - NO pre bending or body creasing. STOCK. No pre bending any panels on a fresh car. No crushing trunk floor up.

31. Officials reserve the right to change or add rules at any at any time .