

# 2018 Swift County Demolition Derby

## GENERAL RULES FOR ALL CLASSES

PLEASE READ RULES WELL!

Changes in compact weld this year.

For questions call:

General, Compact Truck and Compact Weld: Kyle (320) 444-3607

Chain Stock, Full Size Weld, and MOD: Jeff (320) 815-3477

Heavy and Light Trucks: Shane (320) 314-2769

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1. Drivers must be at least 16 years of age and have a driver's license. The exception to this is Chain stock Class where 15 year old's can run. Driver's and Pit people ages 15, 16 and 17 must be pre-register and send a notarized release form. **No one under 15 years allowed in Pits.**
2. Driver may use a max of two pit crew per car, extra pit crew \$25.00 each.
3. **Entries will be accepted up to ONE hour prior to race time. You must be in the inspection line no later than ONE hour prior to race time. Late entries will be accepted up to 30 mins prior to race time, with a \$50 penalty. Entries later than 30 mins to race time won't be accepted. No exceptions.**
4. Everyone entering the event area is required to sign their own name on the entrance waiver before entering the pits.
5. Drivers must wear seat belt and full-face helmet along with eye protection at all times while operating vehicle.
6. Drivers and pit crew must attend the pit meeting 15 mins before race time.
7. No driver or pit crew thought to be under the influence of alcohol or drugs will be allowed to participate, enter or remain in exhibition area. No alcohol in pit area before or during event! Violation will result in disqualification and forfeiture of entry fees.
8. No hot rodding in the pits. Keep it at an idle.
9. Fire extinguisher required in pits.
10. Drivers will have 1 minute to make a legal, metal-bending hit.
11. If your car dies you will be given 1 minute for restarts, then 30 seconds to make a hit.
12. Any open door or fire will cause disqualification for that heat.
13. **Any vehicle thought to be unsafe will be disqualified for that heat.**
14. No Sedagons, El Caminos, convertibles, hearses, limos, etc. No re-stubbing frames.
15. **Sandbagging and team-driving are not tolerated, and will be strictly enforced. This is your warning.**
16. **No intentional hitting of drivers door, or you're disqualified. Don't use your door as a shield. Officials will decide if it's accidental or carelessness. If dq'ed in a heat, you may not compete in consi/feature.**
17. **We will be unhooking cars that are hung-up in the FEATURES ONLY.**

# 2018 Swift County Demolition Derby

18. Any questions or controversies will be discussed at the pit meeting.
19. Only the driver may speak with any questions or controversies (no pit crew).
20. All official's decisions are final.
21. ALL CLASSES MAY RUN HEATS DEPENDING ON TURNOUT, COME PREPARED.
22. 12" hole in the hood and 6" hole in trunk for inspection and fire dept.
23. **Yelling at, use of profanity toward or interrupting an official will result in you being escorted from the event area. This includes your pit crew. Your entry fees/winnings will be forfeited and it will be the officials call if you're allowed to compete next year.**

## GENERAL DEMO UNIT PREPARATION FOR ALL CLASSES

**This is what you are allowed to do to your car. All rules are at official's discretion. Because we offer such a variety of classes, some general rules are overlapped in the class-specific rules. To make the rules as simple as possible: 1.) Class-specific rules trump the general rules. 2.) If it's not addressed in your class-specific rules, the general rules are to be followed. 3.) If it isn't addressed anywhere in the rules, assume that you can't do it. Any questions, please call first.**

### BODY, FRAME, WHEELS

1. No welding anywhere other than allowed in the rules.
2. No added weight to the vehicle. No plating, pinning, buffing, grinding, or packing any part of the car.
3. **No painting, undercoating, added grease/oil on frame or interior of vehicle. You will not even be inspected.**
4. Absolutely no frame or body alteration or reinforcement of any kind, other than allowed in the rules.
5. All outside hardware (door handles, chrome, moldings, mirrors, etc.) must be removed. All glass must be removed completely, none in bottom of doors.
6. You must have at least a 15"X15" roof sign with your number on it, and on both doors. Roof sign cannot be attached or straddle roof hoop. Must be either in front of or behind not both. One sign only except 2 man extreme class.
7. All trailer hitches and braces must be removed.
8. Wheel centers allowed No split rims! No bead-locks or screws through the rim.
9. Wheel weights must be removed so they don't fly off.

# 2018 Swift County Demolition Derby

10. No studded tires. Valve stem protectors allowed.
11. You may tuck/prebend/notch the rear of your car. Must remain safe!
12. No added bolts, screws, or body mounts, other than allowed in rules.
13. Body mounts may be removed, and replaced with no larger than 3/4" dia. 6" long with 6" max washers. 3/4" space must be between body and frame.
14. Interior body seams and window openings may be welded in all classes except chain stock/compacts. No added metal.
15. Body panel shaping allowed in all classes except chain stock. Trunks must be a minimum of 6" from floor pan. Panels may not be doubled over and welded.
16. Body and frame rust patching is allowed (take pictures before repairs) at official's discretion. You must leave the rusted panel intact, so it can be seen with a scope. The repair panel must be no thicker than the panel being repaired. Leave a spot unwelded to show thickness. May go 2" past the damage. **Don't abuse this rule, or you'll cut!** Call with questions.
17. Frame patching is allowed only on bent cars that **need** it (official's discretion). 2 patches total in front, 2 patches total in rear (a total of 4 pieces of metal used for entire car). No bigger than 4"x4" or 3"x 5"x 1/8". **Must be able to prove bend!** Leave a spot un-welded to prove thickness.
18. Drivers door may be welded solid. May be reinforced but no further than 6" beyond the door seams.
19. All other doors must be secured shut in the way allowed per class.
20. You may bolt inner and outer fenders together. Max of 5 bolts per fender.
21. You may add up to 16 bolts or self-tapping screws to the hood. Max of 3/8" bolts with 1" washers.
22. Must have holes in hood for fires.
23. Must be able to see inside of trunk.
24. Must be able to open hood for inspection.

## **WINDOWS**

1. Windshield **MUST** have two straps, bars, or 3/8" chains from the roof to the cowl to protect driver. Straps/bars 3" wide max by 3/8" thick. Can only lap over cowl and roof 3". Must be 3" from any engine cradle, brace, or cage material or crossover piece to tie two together if running a DP. DP must pass freely through fire wall.
2. Window grate allowed on driver side.
3. Cars with no posts may weld a 4" wide, 1/4" thick strap from roof to door.
4. One rear window bar is allowed in all classes except chain stock. Max of one 3"x 3/8" flat or C-channel or 2x2 tubing or 2" pipe. 6"x6" max endplates, Must be vertical, no more than 6" onto trunk lid and must be at least 12" from any cage component (halo, gas tank protector). Not allowed on hatchbacks or wagons.

# 2018 Swift County Demolition Derby

## **POWERTRAIN**

1. Any powertrain may be used in any car, but the motor MUST be within 2" of the original motor. NO SETTING BACK OR RELOCATING MOTOR!!
2. Home-made driveshaft allowed.
3. Motor mounts may be chained or welded, but must not reinforce frame in any way.
4. You may use headers and floor shifters.
5. Differentials may be welded for posi.
6. Must have at least 2 working brakes.
7. You must have an air cleaner on at all times.
8. Radiator and fan may be removed, but not relocated to another part of the car. May use electric fans. No adding to the cooling system in any way. No home-made radiators or radi-barrels except where allowed in class-specific rules.
9. Mid-plates, distributor protectors, carb protectors, and steel bell housings/steel tailshafts are allowed in the Heavy truck, and Full-Size MOD classes. Call with questions.

## **SUSPENSION**

1. Suspensions must be completely original, other than allowed in the class rules.
2. No coil-over shocks, no altering shocks in any way.
3. Max of 4 leaf spring clamps total per side (including factory clamps). 4"x4", 1/4" thick max.
4. You may chain rear-end humps with one loop of 3/8" max chain per side.
5. Coil springs may be chained or wired in place.

## **BUMPERS AND BUMPER BRACKETS**

1. Bumpers and bumper shocks must remain completely stock other than allowed in rules.
2. **Heavy Trucks, Full-Size Mod, and Compact Trucks, compacts and weld class** may stuff bumpers, but must appear stock to the crowd. Must contour the factory chrome. Don't abuse this rule, call with questions. Bumpers can be made from a straight piece of tubing 8"x8"max with a 4" point spread over 32".
3. Classes that aren't allowed to stuff bumpers must have a 2" inspection hole in ends.
4. Two bumper shocks or brackets for the front, two for the rear. (No doubled brackets).

## **INSIDE OF CAR**

1. Driver's seat must be securely mounted to the floor. If you're using bolts, they may not go through the frame.
2. May use home-made steering columns.
3. Transmission coolers allowed up to a reasonable size. If not left in stock location, they must be secured safely inside a container in the passenger compartment of the car.

# 2018 Swift County Demolition Derby

Must use transmission cooler hose or hydraulic hose (no fuel or low-pressure hose).

4. All flammable materials, except what's needed for driver's safety, must be removed.
5. Batteries must be relocated to pass floor. They must be mounted and covered securely. Max of two batteries.
6. Holes in the firewall must be covered well.
7. Spreader bars must be no larger than 5" diameter, 60" max length. 1" dash, 1" behind driver's seat. Dash bar must be at least 8" away from engine and transmission. May connect the two, to form a 4-point cage, may run 4 down bars-they cannot be to or attached to frame. Cage material must be at least 3" off of transmission tunnel.
8. Halo bars allowed and recommended. May not be angled backward, no kickers allowed, and attached to the spreader bars only. **MUST NOT ATTACH TO FRAME!**
9. Gas tank protectors allowed must be welded to the back of the spreader bar only, 6" max. pipe/tubing must be **free-floating** 3" min. from floor and 3" from back seat metal, 24"x 24"x 6" max dimensions.

## FUEL SYSTEM:

1. Fuel tank must be located in back seat area.
- 2. Must be very securely mounted and covered.**
3. No plastic fuel tanks allowed. Boat tanks or well-made fuel cells only. No relocating original tanks to inside of car. No fuel tanks larger than 14 gal.
4. Original fuel tanks must be removed.
5. Fuel lines must run inside of car, not under or along frame.
6. Fuel lines must be secure, and kept away from sharp/hot areas.
7. High-pressure fuel-injected cars must use adequate fuel line for the pressure.
- 8. Electric fuel-pump vehicles must have an emergency shut-off that is easy to locate in case of fire. Use fluorescent tape or paint.**

## **CLASS-SPECIFIC RULES:**

**Full-Size Weld Class**- Any standard passenger car, no sedagons, '73 and older Imperials or Imp sub frames. No '69 and older Continentals, Thunderbirds and '03 and newer Fords, '98-'02 Fords must use FACTORY suspension. Y-framers may not plate, only pinch and weld frame together. Buick, Olds, and Pontiacs may fill the large hole in frame behind core support. This must be a butt-fit one pass weld only. K-frames may be welded with two 3" long beads per frame rail Four welds totaling 12" for entire K-frame.

1. ALL GENERAL RULES APPLY, WITH THESE EXCEPTIONS.
2. You may weld, chain, bolt, or wire the doors and trunk shut.
3. Door and trunk seams may be welded, 5" max. weld, 5" min. gaps 3" wide plates. **NO SOLID WELDING!**

# 2018 Swift County Demolition Derby

4. The ONLY welding allowed on the frame is not more than a 3/8" wide bead on the top seam only, firewall forward. Do not weld the bottom seam. Ford products may cut tab on side of frame, tilt and reweld with a single 3/8 pass. No pie cuts and rewelding.
5. No welding inner and outer fenders together, inner fenders to frame, no adding extra bolts to inner fenders etc. No shaping or moving firewall.
6. Hood may be bolted, wired, or chained shut in 6 places max. Max of six 1" hood pins and 6" max washers. 2 at core support may go through the frame vertical not angled and other 4- 12" max length attached to sheet metal only. 5" long 2"x 2" angle can be used in place of a hood pin.
7. Trunk may use up to four 1" trunk pins with 4" max washers. Only two may go to frame. May also be welded shut, 5" on, 5" off.
8. Maximum of 9 leafs per side. Must be factory thickness and have factory step-down.
9. Coil springs may be interchanged.
10. After market tie rods are allowed. Factory tie rods may be reinforced.
11. Hybrid diffs. and 3/4 ton diffs allowed.
12. Bumpers, bumper shocks, and brackets may be welded and/or bolted to the car. Bumpers may be seam welded and stuffed. Front bumper brackets can be 3/8x3" flat strap butted to bumper and ran to the front of the a-frame. No further or you will cut. Rear bumper/bracket must be an automotive style. Max bumper height 21" from bottom. Min is 16" from bottom. Bumpers can be made from a straight piece of 8" X 8" max tubing with a 4 inch point spread over 32 inches.
13. Front suspension may be welded with two 2" straps 6" long 1/4" thick only! may not strengthen frame!. **OEM spindles only, No custom made! (Ski,joker or similar)**
14. You may wire windows in 1 place per window opening. Must remain within that window! Wire may go to the frame in no more than four places. Washers may be welded in place to support the wire, 2" max.
15. Steel ultra-bells and steel tailshafts cannot be welded or attached to body or trans tunnel.
16. Tranny braces are to attach to the cross member with either one 3/4" bolt or two 1/2" bolts. If not using an automotive cross member you're allowed to use a piece of straight 2"x2"x1/4" tubing with a 6" plate in center to attach tranny. Leave ends open to prove thickness.
17. Core support spacers can be 2"x 2" x8" tall welded in using factory hole. 1/4" or smaller expanded metal can be put in front of the radiator attached to sheet metal only in 4 places with 4 bolts with 1" max washers or 4- 2" x 1/4" flat strap attached to sheet metal only, 2- vertical and 2- horizontal
18. DPs can't be wider than 12". Must be 3" min gap between windshield bar and DP.

# 2018 Swift County Demolition Derby

**Full-Size MOD Class**- Any standard passenger car, Imperials and Imp. sub frames allowed, but may not be plated. May only weld frame seams firewall forward. '03 and up Fords may swap front suspension. **You may plate your frame from the firewall forward with 1/4" max. thickness plate. (Top, bottom, and sides). Plates must stay tight against original frame (not overhang for more mass). Must have at least 2 holes 2" dia. for inspection per side. One in front of a-arms, one within 12" ahead of firewall. No other plating allowed anywhere on car. No stuffing any part of the car.**

1. ALL GENERAL RULES APPLY, WITH THESE EXCEPTIONS.
2. You may weld, chain, or wire the doors and trunk shut (pick only one).
3. Door and trunk seams may be welded, 5" max. weld, 5" min. gaps. NO SOLID WELDING!
4. May add two down-bars from the front spreader bar to top of frame no further forward than rear of the A-arms. 3"x3" max
5. Hood may be bolted, wired, or chained shut only. Max of six 1" ready rod and 6" max. washers. May be welded in place. Only four may go to frame.
6. You may add two body mounts, no larger than 3/4" dia. 8" long 4" max. washers.
7. Trunk may use up to four 1" ready rod with 4" max washers. May be welded in place. Only two may go to frame. May also be welded shut also, 5" on, 5" off.
8. Transmission coolers allowed up to a reasonable size. If not left in stock location, they must be secured safely inside a container in the passenger compartment of the car. Must use transmission cooler hose (no fuel or low-pressure hose).
9. Maximum of 12 leafs per side. Must be factory thickness and have factory step-down.
10. Rear leaf spring conversions allowed.
11. Coil-sprung cars ONLY may add one 4"x32"x1/4" plate per frame rail in the rear.
12. Soft-tail GM's may box the open C with 3/16" max flat steel.
13. After market or custom tie rods are allowed. Factory can be reinforced.
14. A-arms may have two 2" straps per side welded to make front suspension solid.
15. Differential bracing/hybrid diffs. and 8 lug rear-ends allowed.
16. Bumpers, bumper shocks, and brackets may be welded and/or bolted to the car. A maximum of one 4"x12"x1/4" strap per side may be welded from bumper to frame. Can't be angled to form kicker.
17. You may wire windows in 3 places per window opening. Must remain within that window. Wire may go from a window to the frame in no more than four places. Washers may be welded in place to support the wire, 2" max. Welded to sheet metal only, not frame.

# 2018 Swift County Demolition Derby

**Weld Compact**- May be up to 111" for FWD cars, 107" for RWD cars. 6 cylinder and less only. Leave VIN tag intact, to verify wheelbase.

1. ALL GENERAL RULES APPLY, WITH THESE EXCEPTIONS.
2. All parts must be of compact origin, except bumpers and rims.
3. Full-size bumpers allowed, may be seam welded and stuffed. Must be trimmed to width of car.
4. If you don't use or have the factory bumper shock, you may use a 2"x 2"x8" max. square or round pipe. Call with questions.
5. You may wire windows in 1 place per window opening. Must remain within that window. Wire may go from a window to the frame in no more than 4 places. Washers may be welded in place to support the wire, 2" max. Welded to sheet metal only, not to the frame.
6. Maximum of 5 leaves per side. Must be factory thickness and have factory step-down. No leaf conversions.
7. Compact differentials only.
8. Aftermarket engine cradles allowed no "extreme" setups. Call with questions.
9. Distributor protectors, carb protectors, trans brace, valve cover protectors, fuel pump protectors, etc. are allowed, but cannot strengthen car or come into contact with any cage component at any time before/during/after the event. Call with questions.
10. After market or custom tie rods are allowed. Factory can be reinforced. A-arms may be bolted or welded with two 2" straps. Do not weld struts to the frame in any way.
11. Only seam welding allowed is top uni-bodyseam center of the A-arm forward. No interior seem welding.
12. K-frames may be welded to uni-body no added material. Do not seem weld the K frame!
13. Door and trunk seams may be chained, wired, or welded shut, 5" max. weld, 5" min. gaps. 5- 3/8" bolts are allowed in the drip rail.
14. Hood may be chained, wired, or bolted shut (pick only one). Max of six 1" hood pins with 6" max. washers. Only two may go to frame. They may be welded in place.
15. Trunk may use up to four 3/4" ready rod with 4" max washers. may go to frame. They may be welded in place. May also be welded shut also, 5" on, 5" off.
16. Back window bar is allowed 2"x2" max. 6"x6" attachment plates may be bolted or welded to roof (flush with window opening) and centered on trunk/speaker deck seam. Call with questions.

# 2018 Swift County Demolition Derby

**Chain Stock**- Must be 1978 or newer GM vehicles and 1981 or newer Ford or Chrysler vehicles. '98-02 Fords must leave factory watts style rear suspension-no exceptions!  
Leave VIN tag intact, to verify year. No 03 or newer ford products.

1. ALL GENERAL RULES APPLY, WITH THESE EXCEPTIONS.
2. THIS IS THE "PURE STOCK CLASS"
3. No old iron parts of any sort allowed.
4. No sedagons.
5. **No tilting/tipping/pitching/pre-bending front frames. Body must have no added space between core supports or crush box to frame. If the factory geometry is altered, it stays on the trailer. Pre-rans are at official's discretion. Call first.**
6. You may chain your doors, trunk, and hood shut. NO WELD OR WIRE.
7. Max of 3 chains per door, 4 chains for hood, and 4 chains for trunk.
8. No hood or trunk pins allowed.
9. No wiring of windows or doors.
10. Bumpers may be welded to the bumper shocks, bumper shocks may welded solid. No added metal. Bumper shock must be bolted to frame only. DO NOT WELD ANYTHING TO FRAME!
11. Any year bumper can be ran but cannot be seam welded or stuffed!
12. Front suspension must remain stock. No welding, chaining or bolting for lift.
13. Engine cradles allowed no "extreme" setups. Can't reinforce the car! No DPs, tranny protectors, pulley protectors or any other protectors or reinforcement of any kind Call with questions. Carb protectors must be at least 3" from firewall.
14. 12 bolt rear ends are allowed, no bracing or multi-brackets.
15. Body mounts can be replaced with ½" bolts or smaller. Washers can be no larger than 3"x ¼" thick and cannot be welded in place! Must have at least a 1" spacer between frame and body.

## **Compact Truck and Minivan-**

1. ALL GENERAL RULES APPLY, WITH THESE EXCEPTIONS.
2. Two wheel drive Minivans, small pick-ups, Bronco II, S10 Blazers, and similar trucks only, No Dodge Durangos! all-wheel drive or 4 wheel drives may be used if one axle is removed. **No re-stubbing**
3. Any 6 cyl or less engine may be used.
4. Stuffed bumpers allowed, see general rules. **Rear bumper height must 12" from bottom.**
5. Any car bumper shock is allowed. If you don't use a bumper shock, you may use 3"x3/8 flat bar 20" long max. Call with questions.
6. You may wire windows in 3 places per window opening. Must remain within that

# 2018 Swift County Demolition Derby

window. Wire may go to the frame in no more than 4 places. Washers may be welded in place to support the wire, 2" max. Welded to sheet metal only, not frame.

7. Maximum of 6 leafs per side. Must be factory thickness and have factory step-down.

8. Aftermarket engine cradles allowed no "extreme" setups.

9. Distributor protectors, carb protectors, and trans bracing is allowed. No bracing may contact any cage component before during or after the event. See general rules for trans. brace and spreader bar distance rules.

10. Tie rod ends may be reinforced, but must start with originals (not home-made). A-arms may be bolted or welded with two 2" straps.

11. Frame and body seams may be welded firewall forward. Box can be welded to cab.

12. Doors may be welded 5" on, 5" off. Cab may be welded solid to box.

13. Hood may use six 1" hood pins, four to the frame.

14. Box can have 4 added bolts through the frame.

15. Tailgates must be welded or removed.

16. Must have a 4 point cage and rollover bar. Roll bar may be attached to the frame no farther back than the center of the rear axle. Two 3"x 3" max square or round down bars allowed from the front spreader bar down to frame **no further forward than the firewall.**

**Light Truck**-1973 and newer trucks only. No older cabs, boxes or frames allowed. 4x4 or 2wd allowed, 4x4's must have front driveshaft removed. Suburban, Broncos, Expeditions and Blazers allowed. **Only ½ ton trucks. No Excursions!**

1. ALL GENERAL RULES APPLY, WITH THESE EXCEPTIONS.

2. You may weld, chain, or wire the doors and tailgate shut (pick only one)

3. Only the exterior seams may be welded, 5" max weld, 5" min. gaps. Box and cab may be welded together 5" weld 5" gaps.

4. No extreme cradles, no mid-plates, no D/Ps unless firewall is cut out, no extra cross members, brackets or braces. Transmission braces are allowed but can't be tied to cradle. Original trans crossmember can be replaced with 2" x 2" x 1/4" tubing.

5. You may use a total of 8 bolts, 3/4" max bolt, 6" max washers to bolt the box to the frame. No pipe may be used to run the bolt through.

6. Cab bolts may be replaced with 3/4" max bolts, 6" max washers. No pipe may be used to run the bolt through.

**7. Rollover bar REQUIRED for truck classes. Make it safe, but cannot extend past rear axle. Officials discretion.**

8. Hood may be bolted, wired, or chained shut. Max of six 1" ready rods with 6" max washers. Only 2 may go to the frame.

9. Transmission coolers allowed up to a reasonable size. If not left in stock location, they must be secured safely inside a container in the passenger compartment of the truck.

# 2018 Swift County Demolition Derby

Must use transmission cooler hose (no fuel or low-pressure hose).

10. Front suspension may be made solid, but must not reinforce the frame. After market and custom tie rods are allowed. Stock tie rods can be reinforced.

11. Maximum of 6 leafs per side. Must be factory thickness and have factory step-down.

12. A stock truck or car bumper may be used on front. If a car bumper is used, a max size of 6"x 6"x 3/8 thick plate can be used as a bracket. NO BIGGER OR THICKER!

13. Rear stock truck type bumper must be used.

14. Differentials must be ½ ton, 6 lug max No full-floating diffs. No differential bracing. No spilt rims!

15. Frame patching is allowed only on pre-ran trucks that need it (official's discretion). 2 patches total in front, 2 patches total in rear (a total of 4 pieces of metal used for entire truck). No bigger than 5"x 5", no thicker than the original frame rail. Must be able to prove bend. Leave a spot un-welded to prove thickness. Patches can't be welded in a manner that "boxes the frame"

16. Pre-run trucks may NOT re-stub frames.

17. **NO BUMPER STUFFING OR PLATING.**

18. Bumpers may be no higher than 28" high, measured at the **TOP**.

19. No home-made radiators/radi-barrels or added metal to core support.

**Heavy Truck**- 4x4 or 2wd trucks allowed, 4x4's must have front driveshaft removed.

No suburban, Broncos, or Blazers allowed. **Only ½ or ¾ ton trucks.**

1. ALL GENERAL RULES APPLY, WITH THESE EXCEPTIONS.

2. Tailgates must be welded shut. May use 3"x3"x 1/4" thick angle iron or 4"x 1/4" thick flat steel. May weld straps to bumper.

3. May use up to 8 additional bolts to hold box to frame 3/4" max bolts, 6" max washers. No pipe may be used to run the bolt through.

4. Hood may be bolted, wired, or chained shut. Max of six 1" ready rods with 6" max washers. Max of 4 may go to the frame.

5. May use up to 4 additional bolts to hold cab to frame. 3/4" max bolts, 6" max washers. No pipe may be used to run the bolt through.

6. May weld box to cab with no more than a 4" wide, 1/4" thick plate.

7. Maximum of 12 leafs per side in the rear, 9 per side in the front. 2" min step-down. Max of 6 spring clamps per side. Pre-loading allowed.

8. Engine must remain within 6" of original.

9. Tie-rod ends and a-arms may be reinforced. After market and custom tie rods are allowed.

10. May use kicker bars from bumper ends to frame. Front only. NO larger than 3"x3", 1/4" max thickness. No further than 12" beyond back of bumper. May use bumper shock

# 2018 Swift County Demolition Derby

for this, as long as it's no larger than these dimensions. Must have a 1.5" inspection hole in the side.

11. Differentials must be 3/4 or 1-ton, 8 lug max. No split rims! Differential bracing allowed, but must not attach to anything other than differential itself. Cannot be incorporated with suspension parts.

12. Mid-plates allowed, but may not reinforce the frame. If no mid-plate is used, you may use a 4" wide, 1/4" thick strap from front of the engine to the frame on both sides of engine. May not use both a mid-plate and straps.

13. Radiator core support may use 2 kickers. 2"x2"x1/4" thick max. No longer than 2 feet total length.

14. **UN-PRESSURIZED** radi-barrels allowed, in stock location. No radi-barrels mounted in cab or box. Must be vented downward. Must be safe. If not using a radi-barrel, you may bolt a 3/8" max thick plate in front of radiator. May not do both. Neither of these may be welded in place. Bolted only, with 1/2" bolts, 2" washers to the core support. 2 bolts may attach to frame, 1/2" max bolt, with 3" max washer. Nothing welded to frame or core support.

15. Frame patching is allowed only on pre-ran trucks that NEED it (official's discretion). 10" per side= 20" total for entire truck. 1/4" max thickness. No taller than the side of frame rail (must not wrap around top or bottom of frame). Leave a spot un-welded to prove thickness.

16. Pre-rans may re-stub the front frame with a 2" overlap, but must be done with same Year range/Make/Model of frame. If you re-stub your frame, it is considered fresh and may not be patched or plated anywhere.

17. Bumper height, rollover bar, front suspension, and trans. cooler rules are the same as light trucks.

## **2 Person extreme 80's and newer**

2 drivers will be in the car. 1 in the driver's seat and 1 in the passenger seat. The driver will have the steering column and passenger will run the brake and gas pedal. The shifter can be ran by either driver. No pedals on driver side allowed. The passenger must have a steering wheel or a Tee-bar to hold on to. Paint both front doors contrasting color. No hitting either front door.

1. ALL GENERAL RULES APPLY, WITH THESE EXCEPTIONS.

2. THIS IS THE "PURE STOCK CLASS"

3. No old iron parts of any sort allowed.

4. No engine cradles, tranny braces, braced rear-ends, slider drive shafts. No tranny coolers **Stock rear-ends and suspension only!**

5. 4 point floating cage with fuel tank protector. Battery and fuel tank must be secured behind front seat on floor safely.

# 2018 Swift County Demolition Derby

6. Can weld and reinforce front doors. 2 strands of 3/8 chain or #9 wire for windshield straps for drivers protection.
7. Hood can be chained in 4 places. Doors 2 per vertical seam. No hood pins or angle iron
8. Suspension and steering must be totally stock (no nothing)!
9. Bumpers can be welded to shocks; brackets must be bolted to frame. Any question call.
10. Body mounts must remain stock if broke or rusted can replace with one strand with of #9 wire.