

# **Washington County 2018**

## **Stock Rules**

***NOTHING* other than what is listed below is allowed. Follow general preparation and inspection on standard car rules**

**No 73 or older Imperials, LeBarons, Ambulances, Hearses, Sedagons, or Limousines allowed.**

### **1. CAGES & DOOR BARS: SEE Diagram**

1. A Single bar 4pt cage system only may be used. No double bars with the exception of the driver's door.
2. You may use channel or tubing/pipe up to 6" O.D. for Dash & Rear Seat bars. Side bars can be up to 10" tall x 6" wide channel or tubing. All bars must be straight.
3. Seat bar must be no further than 8" behind the seat.
4. Side door bars may not go past the front dash bar.
5. Interior door bars may not be more than 14" behind the seat.
6. Dash bar must be a minimum of 6" away from the center of the firewall.
7. End plates are mandatory with a max of 10"x10", up to 3/8" thick.
8. You are allowed a gas tank and tranny cooler protector. These may not be attached to anything other than the back seat bar. On the gas tank/tranny protection side bars, they must be 6" away from any side and inner fender well sheet metal. Rear bar cannot extend beyond the side bars or be closer than 4" from the back seat sheet metal. All interior sheet metal must remain in stock position, unless removed completely.
9. You may add 2 VERTICAL down bars on the rear seat bar only, welded to your door bar and to the floor sheet metal. These bars may not attach to or conceal a body mount.
10. No kickers, angled or otherwise. NO cage components may be welded to the frame.
11. All cage components must be a minimum of 6" off any floor pan sheet metal or body mount elevation, and 4" off of tranny tunnel sheet metal.
12. All cage components must be in the interior of the car, not inside the door structure with the exception of the driver's side. The driver's door bar MAY be inside the door structure or on the outside of the driver's door only to allow more room for driver's safety.
13. Driver's door you may weld a plate Maximum 10" wide across the door for protection, not to exceed 6" beyond the exterior driver's door seams. These plates must be in the center of the door and run horizontally.

### **2. HALO OR ROLLOVER BARS:**

1. You **MUST** add a halo bar or an upright post to the cage components listed above. It may not exceed 4" O.D. The cross bar must bolt to the roof in two locations.
2. Halo bars must be in a direct vertical line with the seat bar. They must be vertical.
3. Upright post must have a max 10"x10" plate attached to the roof, welded or bolted in.
4. Upright post must be mounted vertically and in such away it will not bend. (Ex. Gusseted)

### **3. Doors:**

1. Door seams must be welded using rolled rod no bigger than 1/2" or flat strap no bigger than 2" wide by 1/4" thick.
2. You may smash the inner and outer skin together of the window opening and weld them solid. You may use the same filler as in welding the door seams but no longer than the window opening per door.
3. Driver's door and driver's side of front windshield may have window fabric netting or chicken wire type material for driver's safety. NO other windows may have netting.

#### **4. Bumpers:**

The intention of this rule is to allow you to mount the bumpers in such a way that they are less likely to fall off. Upon inspection if it is determined that you have exceeded the intention of the rule you will be given the opportunity to correct it in order to compete, if you are not willing to correct it you will be disqualified. Officials have final say.

1. No loaded bumpers may be used.
2. Bumper swaps are allowed.
3. Stock O.E.M. bumpers off of passenger cars may be used
4. A **Maximum 5" by 5" by Maximum 3/16" SQUARE** tube may be used. It must be open ended and straight. They cannot extend more than 10" from the outside of the frame. No skinning or additional metal may be added to the tube except small plates to mount if needed.
5. Bumpers may be flipped.
6. Bumpers may be cut so they do not smash into the tires during the event.
7. No chrome may be welded to the body if using compression style bumpers.
8. **Bumpers must be mounted with all factory brackets and bumper shocks or factory bumper shock and applicable brackets must be removed, and a bumper shock may be placed on the outside perimeter of the frame and welded 14". You can use a piece of 1" schedule 40 round pipe in place of the bumper shock, NO EXCEPTIONS. If the bumper shock is on the inside of the frame and you are leaving it in the factory location, you MAY NOT weld inside the frame. You MAY weld existing factory brackets up to 14" from the bumper, if applicable. You MAY NOT add a second bumper shock on the outside of the frame. In both cases the bumper can be welded to the frame and the bumper shock.**

#### **If you ARE swapping bumpers,**

1. If swapping the bumper's on a factory equipped compression bumper car you must use either the stock mounting brackets and tubes in stock location's **or you must remove all original mounting hardware and use the exterior shock mounting rule, see number 8 directly above.**
2. **If adding a compression bumper to a non compression bumper car the only way it may be attached is by removing all original mounting hardware and using rule number 8 above.**

#### **5. Frame:**

1. All body mounts (rubber biscuit and cone) and "Pucks" must be in place. You may not remove bolts and place washers on both sides. **If replacing rusted bolts, the new bolts must be equal grade and size. NO PULLING ANY PUCKS, RUBBER BODY MOUNTS, BISCUITS, OR ANY OF THE INTERNAL GUTS!**
2. No Buffing, grinding or packing of frames
3. No Chrysler sub-frame chaining.
4. No imperial sub-frame swaps allowed. **No frame swaps period.**
5. Frames may be notched.
6. Absolutely no cutting, bending or altering the front frame in any way.

#### **6. Hood and Trunk:**

1. Hinge spring must be removed.
2. Trunk Lid and Hood must be 100% in stock location and open for inspection or have a 30" x 30" hole for inspection.
3. All decking in wagons must be removed.
4. Body may be pinched. Trunk may be tucked or v'd but NO wedging. Your trunk lid if V'ed in the center must be at least 12 inches off trunk floor body mount elevation.

5. Hood can be bolted, chained, or wired, **NO WELDING**. Angle iron back to back and bolted, IS OK, with a maximum of 6 separate locations on the hood. Dimensions of the bolted angle iron brackets is 4" long 1"x1" angle, 2-3/8" bolts per bracket MAX.
6. If hood is inoperable, there must be 30" X30" inspection hole cut in it. 12" x 12" hole if the hood is operational.
7. You may mix and match the types of hood/trunk fastening, but only 3 fastening points per side of the hood may be used.
8. Trunk lid rules are the same as the above hood rules. The tailgate of a wagon or rancho/el camino are treated the same as a trunk lid.

## **7. Engines & Rear Ends:**

1. Engines may be swapped but must remain close to original position as possible. No cutting of the fire wall to accommodate different motors. A hole may be cut for the distributor.
2. **If not using a lower cradle, you may add one additional motor mount per side. This can be 1"x1/4" flat strap, or up to 3/8" chain and must attach to the engine cross member. It CANNOT be affixed to the frame rail. If using a lower cradle, the cradle must be attached to the car with factory type motor mounts, NO additional motor mounts are allowed. NO WELDING OF THE CRADLE TO ANY PART OF THE CAR FRAME/BODY.**
3. **No aftermarket rear axles. No trussing or bracing. 8 lug floaters are okay. They must be attached using factory suspension hardware of the car you are running, NO EXCEPTIONS.**
4. **Transmission coolers are allowed.**
5. Rear end gears/axles may be changed, welded, or posi'd.
6. **Lower cradles are okay with a pulley protector going halfway through the center of the pulley. NO distributor protectors or any other protectors of this nature.**
7. **Homemade steering columns are okay.**
8. **Floor shifters allowed.**
9. **Aftermarket pedals will be allowed, but can only be attached to the cage or sheet metal, NOT BOTH. Excessively large plates are not allowed, you know the ones I am talking about, they will get you put back on the trailer.**
10. **Transmissions must be stock. No steel bellhousings, tailshafts, or braces.**
11. **The transmission crossmember must be stock. It may only be bolted using the factory size/type of bolts. The transmission may only be mounted to the crossmember using the stock mount of a chain with a single wrap around the tailshaft and the crossmember. Only one or the other may be used.**
12. **You are allowed to use slider driveshafts.**

## **8. Suspension:**

1. Suspension must be stock components and working.
2. Coil springs may be welded to the axle only.
3. No other means other than tires and springs and spring spacers may be used to raise the cars suspension.
4. No adding or modifying original leaf spring clamps. No Chaining of humps.

## **9. Windows:**

1. You must have at least one but no more than two front window bars or 3/8" chain. Rear window bars are optional, but no more than two.
2. Bars may not be bigger than 36" long by 2" x 2".
3. Bars may only be attached by welding directly to the sheet metal or with a mounting plate no bigger than 4" x 4" by 3/16" angle or plate on the roof, cowl, speaker deck or trunk. Plate cannot be mounted on the trunk lid itself.

4. Bars must be spaced at least 18 inches apart on the bottom, and no cross connections. No other added metal or mount plates.
5. If using rear window bars in a Station Wagon tailgate windows are treated as a rear window but must be mounted at the top of the tailgate, and the tailgate must be in original closed position.
6. No wiring or chaining of any other window openings.
7. Window bars may not be attached to the halo bar or any cage components.

## **10. Radiators, radiator supports:**

1. Only OEM style passenger car radiators may be used. Aluminum racing radiators of the same style may be used.
2. Radiator must be attached to the core support.
3. Radiators may be mounted in such a way to hold the radiator in place, not strengthen the core support. No added metal may be used to mount the radiator. If welding radiator in place you may use four 1" welds, one per corner.
4. You may not add cooling capacity. No supplemental cooling devices allowed (electric fans are allowed).
5. If the arena allows, engine coolants may be used. Call promoter for approval.
6. Radiator loops may be used
7. Radiator supports must remain in the stock location.
8. Radiator core support seam welding is NOT allowed.
9. Radiator supports may not be welded to the frame, bumper brackets, bumpers or anything else.
10. If using a condenser to protect the radiator, it may be tie wired to the core support only.
11. **You can use 3/4" all thread in place of the front body mount bolt. Stock rubber pucks must remain!**
12. **Dobas, lincolns, and any other cars that don't have a separate core support, can weld a nut directly behind the core support on the frame to attach the all thread. You will be allowed 3 nuts and 3 washers per side. NO EXCEPTIONS! The washers cannot exceed 3" diameter.**
13. **You are allowed 2 bumper straps, 1 1/2" x 3/16" thick, or 1" x 1/4" thick. They can be welded 4" onto the bumper and 4" onto the hood. The all thread may pass through them. They must be vertical and parallel to each other, NO CROSSING THEM.**

## **11. FUEL DELIVERY SYSTEMS:**

1. Metal Marine type tank, metal fuel tank or derby type metal fuel tank is required.
2. 6 gallon max tank maximum may be used.
3. Original gas tanks must be removed from the car.
4. You must have the gas tank securely mounted behind the driver's seat with bolts, metal straps, or chain. No seat belts or pull tie straps may be used.
5. Fuel lines must run inside the car and secured, not under the car along the frame. Fuel line must be inside a protective line with in the engine compartment.

### **\*\*\*IF USING AN ELECTRIC FUEL PUMP, YOU MUST BRING IT TO INSPECTORS ATTENTION AT TECH\*\*\***

1. Electric fuel pumps are allowed. The on/off switch must be easily accessible and clearly marked with bright paint. An "E" will be attached rear pillar during Tech to Identify the Electric Fuel Pump.
2. Automotive pump gas only, **NO ALCOHOL TYPE FUEL MAY BE USED!**

## **12. BATTERIES:**

1. Only one battery of any type may be used.
2. They must be secured inside the car and covered, unless you are using a gel cell battery
3. Battery box must be made out of metal! It must be bolted to the floor. Bolts may not go thru or around the frame. Seat belts or pull type tie downs may not be used.
4. Rusted out holes in your floor sheet metal may be patched where components will be mounted or for

driver's safety with sheet metal only. You may not patch clean and solid floors.

5. All body mounts must be visible.

### 13. TIRES & BRAKES:

1. No split rims, studded tires, or Duals
2. Stock Rims only, no bead locks or reinforcing of the rim is allowed. **Wheel centers are allowed on 8 lug conversions. Wheel centers cannot exceed 10" in diameter, and can only be welded on parameter, NO extra bracing. Wheel centers are NOT allowed on front wheels.**
3. Valve stem protectors allowed. Wheel weights must be removed.
4. All cars must be able to demonstrate the ability to stop at any time. If your brakes do not work, you will not compete.
5. You may not change tires after inspection without official's consent.

### 14. Air Cleaners:

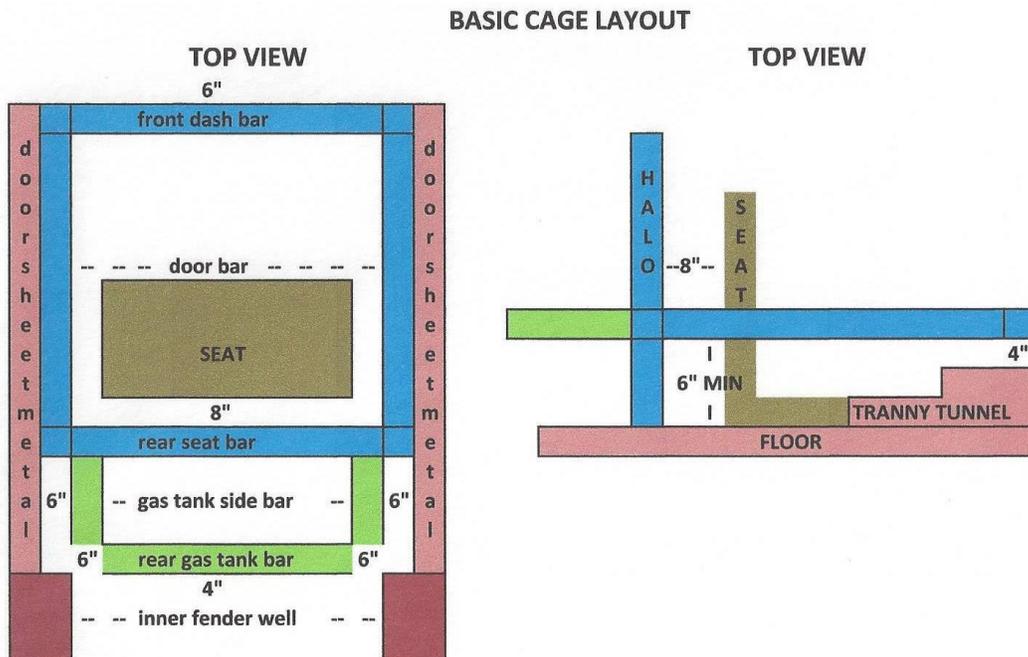
1. You must have an air cleaner over the carburetor all at times during the event.
2. There must be an opening cut in the hood on each side of the air cleaner for fire suppression. Minimum of 6" diameter.

### 15. Cut outs:

1. Cut outs over the wheel wells are legal.
2. No welding or bolting of the cutouts is allowed.
3. If inspection holes and fire holes are determined to be too small you will be asked to cut them larger.
4. Anything can be removed; NOTHING can be added.

**OVERALL SAFETY IS OUR GOAL AND WILL BE DETERMINED  
BY THE TRACK OFFICIALS!**

### Sample Cage Layout



**The inspector has the final say on a passing vehicle. Don't spend any time looking for loopholes in these rules, because there aren't any that will get you through inspections.**

**We will be paying \$100 for every fresh car that passes inspection the first time, and \$25 for every pre-ran that passes inspection the first time.**

## **Rule Clarification**

**You are only allowed a total of 4 frame repairs. This includes pre-ran cars.**

**Repair plates are limited to 4" x 6" x 1/4".**

**Plates will be provided at the show. These are the only plates you can use for repairs between your heat and the main.**

**The winning cars will have no more than 4 legal plates.**

**We will be re-inspecting the top 3 cars before any money will be awarded.**

**If a pre-ran car already has 4 legal plates you will not be allowed any more.**

**You are allowed these 4 plates and nothing more. NO EXCEPTIONS!!**