

2018 Figure 8 Bone Stock Wire Class

BODY:

1. Any stock 2 wheel drive, steel top cars, trucks or vans. No 4x4's (4x4 vehicles must remove one drive shaft to disable 4x4), convertibles, hearses, open style jeeps, or limos.
2. No swapping of bodies. Body and frame must match.
3. All bodies must be bolted down using factory body mount holes. Body bushings may be removed. No welding of body to frame.
4. One 1 3/4" pipe between frame rails directly in front of the radiator is allowed.
5. All bodies must have original steel firewall.
6. May have steel no thicker than 3/16" under driver's seat and leg area or from center hump to rocker panel welded or bolted to the body. Must remain stock floor on passenger side of vehicle.
7. Must have 12" hole in hood for access in case of fire.
8. All doors must be chained or wired shut. Trunk lid must open for inspection.
9. Driver's door may be reinforced from outside for protection. 3 driver protection bars will be allowed. You may use 1"x6" flat steel or maximum 2" diameter round or square tubing mounted on the outside of the vehicle and not extending more than 12" past the door seam on either side.
10. Driver and passenger compartments must remain open for visible inspection. No enclosed cockpits.
11. No reinforcing of any kind on the inside of front fenders, any doors or either rear quarter panels.
No pipe or steel plating anywhere!
12. Single layer of stock steel body metal only. All body repairs must be done with thin sheet metal. NO PLATING! Any patching of body must be no more than 1/16" thick and no more than 2" from damaged area.
13. All glass, plastic, upholstery, lights, mirrors, molding, and chrome must be removed.
14. Car numbers must be placed on both doors and on roof plate are **MANDATORY**. Roof plate must stand up vertically. Number on roof plate must be at least 12" tall and legible.
15. No adding of ballast or weight of any kind anywhere in the car. In frames, bumpers, body, etc.
16. Hood may be pinned, wired or bolted shut with no larger than 1/2" all thread/pins no more than 4 places.

Frame:

1. Repair of frame rails from rust or damage from center hump of rear axle forward must be of 1/8" flat steel or less. No angle, channel, or box iron
2. Rear frame rails must be able to safely support bumper and protect fuel tanks.
3. All repairs must be approved by inspector.

Roll Cage:

1. You can have an "H" bar placed in car, welded to the frame and bolted to the roof.
2. No kicker of any kind.

Fuel Tank & Fuel Systems:

1. May remain in stock location, if moved it must be put in trunk area.
2. Tanks must be designed for fuel, no homemade fuel tanks.
3. No 5 gallon buckets, jugs, cans, or other non approved fuel tanks.
4. Steel or plastic boat tanks are ok, but must be securely mounted.
5. Fuel cells are recommended, but not mandatory.
6. All fuel cells or tanks must be securely fastened and covered.
7. No alcohol.
8. If using an electric fuel pump it is recommended to have a master kill switch or roll over switch to shut the pump off in an emergency.

Bumpers:

1. Must be stock car or truck bumpers only. No homemade, tubing or DMI bumpers.
2. No reinforcing inside of bumpers.
3. No welding bumpers to frame or mounts.
4. Bumper ends may be capped or rounded. Safety chaining or wiring bumpers is allowed.
5. If using plastic nose you must use the OEM bumper mounted properly behind the plastic.

Rear Ends/Front Ends

1. Must be stock for that vehicle. Rear ends can be posi track and/or welded

Brakes:

1. All four breaks must work. OEM brakes only. Must lock up when inspected.
2. No aftermarket brake pedal setups or break bias of any kind.

Shocks:

1. Stock shocks only. No racing shocks, no coil over shocks.
2. Must be mounted in stock locations and in stock mounts.

Springs:

1. Stock springs only in stock mounts in stock location with no spacers or clamps.
2. Must bounce free!

Suspension:

1. Stock upper and lower A-fames only.
2. Stock rear end control arms.

Steering:

1. No quick steer boxes.
2. Must be stock

Drive Shafts:

1. Must be painted white.

Battery:

1. You may relocate battery. Must be in a safe location.
2. Securely fastened down and covered inside battery box.

Wheels and Tires:

1. May use 1" lug nuts on stock studs.
2. You can use any rim/racing wheels. No bead lock wheels.
3. DOT type car & truck tires only. Mud and snow tires are ok. NO FORKLIFT OR TRACTOR TIRES.
4. Protection around valve stem is allowed.

5. Maximum of 4 tires per vehicle.

Radiator:

1. Radiator is to be mounted in stock location only.

Engine:

1. GM to GM, Ford to Ford, Mopar to Mopar.
2. Engines must be stock appearing.
3. No aftermarket heads allowed.
4. Engines need to be in stock locations.
5. Exhaust is allowed to go upward out of the hood area as long as it goes straight up and is not pointed at the driver or other drivers.

Driver's Safety:

1. Mandatory-seat belts, long sleeves, jeans/long pants, gloves, shoes & socks, helmet, goggles and neck brace. No sunglasses.
2. Recommended-racing seat, 5 point harness, window net, fire resistant suite, fire resistant gloves, shoes and socks along with a SA rated FULL FACED helmet safety goggle or face shield and neck brace.
3. Driver's door should be painted white on dark colored cars and black on light colored cars for easy identification by other drivers.

Passenger:

1. If you choose to have a passenger they MUST have all the same safety equipment as driver.

If you have any questions please call or text David Helenthal at 319-470-5320

2017 Figure 8 4x4 - AWD

Body:

1. Any stock 4 wheel drive cars, trucks, vans, suv. NO convertibles or open type jeeps.
2. No swapping of bodies. Body and frame must match.
3. All bodies must be bolted down using factory body mount holes .Body bushings may be removed. No welding of body to frame from cowl area to the rear of the car. Radiator core support may be welded down to frame.
4. Radiator core support must be stock in stock location.
5. All bodies must have original steel firewall.
6. May have steel no thicker than 3/16" under driver's seat and leg area or from center hump to rocker panel welded or bolted. Must remain stock floor on passenger side of vehicle.
7. Hood may be pinned, bolted or wired shut. Must have a minimum of 12" hole cut in the hood to put out fires.
8. All doors must be welded, chained or bolted shut.
9. Driver's door should be reinforced from outside for protection. 3 driver protection bars will be allowed. You may use 1"x6" flat steel or maximum 2" diameter round or square tubing mounted on the outside of the vehicle and not extending more than 12" past the door seam on either side.
10. Driver and passenger compartments must remain open for visible inspections. No enclosed cockpits.
11. No reinforcing of any kind. No pipe or steel plating anywhere unless it is in the rules.
12. Single layer of stock steel body metal only. All body repairs must be done with thin sheet metal. NO PLATING. Any patching of body must be no more than 1/16" thick and no more than 2" from the damaged area.
13. All glass, plastic, upholstery, lights, molding and chrome must be removed.
14. Numbers must be placed on both doors and on roof plate are MANDATORY. Roof plate must stand up vertically. Number on roof plate must be at least 12" tall and legible.
15. No adding of ballast or weight of any kind anywhere in the car. In frames, bumpers, body, etc.

Frame:

1. Repair of frame rails from rust must be of 1/8" flat steel or less. No angle, channel or box iron.
2. Truck style roll bars are ok. If using suv, van or car, you may use "H" bar behind front seat welded or bolted in.

Fuel Tank & Fuel Systems:

1. Original tank may be removed.
2. Fuel Cells are recommended. Steel boat fuel tanks are ok. Make them safe!
3. No 5 gallon buckets, jugs, cans or other non approved fuel tanks.
4. All fuel cells or tanks must be securely fastened and covered.
5. No alcohol.
6. If using an electric pump it is recommended to have a master kill switch or roll over switch to shut the pump off in an emergency.

Bumpers:

1. Must be stock car or truck bumpers only.
2. May be welded, bolted, and wired to frame.
3. Bumper ends must be capped and/or rounded. A strap of flat steel may be welded to the body of the car and to the end of the bumper. Strap of steel should be no taller than 3".
4. You may add a "nerf bar" to the top of the bumpers with NO KICKERS, no wider than the frame rails and no taller than 10" above the bumper. Max tubing is 1 3/4" pipe.
5. You may reinforce bumpers with no larger than 3" round or square tubing but must be inside stock bumper no thicker than 1/4" wall.

Rear Ends:

1. Rear ends can be posi track and/or welded.
2. 9" Ford and floaters ok.

Brakes:

1. All four brakes must work. Must lock up when inspected.
2. No aftermarket brake pedal setups allowed
3. No bias adjusters.

Shocks:

1. Stock type shocks only. Stock mount racing shocks allowed.
2. Must be mounted in stock location and in stock mounts.
3. No welding shocks solid.

Springs:

1. Stock type springs only in stock mounts in stock location.
2. No clamping of springs.

Suspension:

1. All vehicles must bounce freely.
2. All suspension parts must be OEM in stock location.

Steering:

1. No quick steer boxes

Drive Shafts:

1. Must be painted white

Battery:

1. You may relocate battery but it must be in a safe location.
2. Securely fastened down and covered inside battery box.
3. Battery cannot be mounted in trunk. You may mount in bed of truck but must be against the cab.

Wheels and Tires:

1. You can use any rim/racing wheels. No bead lock wheels. Maximum 10" wheels.
2. DOT type car and truck tires only. Mud and snow tires. No fork lift or tractor tires. Max 10" wide tires.
3. Protection around valve stem is allowed.
4. Maximum of 4 tires per vehicle. No dully.

Radiator:

1. Radiator is to be mounted in stock location only.

Engine:

1. Engines need to be in stock locations.
2. Exhaust is allowed to go up out of the hood area.

Driver's Safety:

1. **Mandatory- seat belts, long sleeves, jean/long pants, gloves, shoes & socks, helmet, goggles, and neck brace for the driver.** No sunglasses.
2. Recommended-racing seat, 5 point safety harness, window net, fire resistant driving suite, fire resistant gloves, shoes and socks along with a SA rated FULL FACED helmet, safety goggles or face shield and neck brace.
3. Driver's door should be painted white on dark colored cars and black on light colored cars for easy identification by other drivers.

Passenger:

1. If you choose to have a passenger they MUST have all the same safety equipment as the driver.

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2017 Figure 8-Open Class

Body:

1. All glass, plastic, upholstery, lights, mirrors, moldings and chrome must be removed.
2. Car numbers must be placed on doors and on roof plate. Numbers on roof plate must be at least 12" tall and legible.
3. Body must resemble a car or truck. Plate as you feel fit.

Roll Cage:

1. Full roll cages are allowed.
2. Frame may be reinforced as much as you want.

Fuel Tank and Fuel Systems:

1. Must be in trunk area.
2. Original tank must be removed.
3. Fuel cells or solid steel fuel containers are mandatory.
4. Electric fuel pumps MUST have an emergency shut off or roll over switch.
5. Bumpers may not be sharpened as a sharp point. NO sharp corners.

Brakes:

1. All four brakes must work.

Drive Shafts:

1. Must be painted white.

Battery:

1. Securely fastened down and covered inside battery box

Wheels and Tires:

1. Maximum of 4 tires per vehicle.
2. Maximum of 10" wheels and 10" wide tires

Engine:

1. Run what you bring.

Driver's Safety:

1. **Mandatory-** seat belts, long sleeves, jean/long pants, gloves, shoes & socks, helmet, goggles, and neck brace for the driver. No sunglasses.
2. Recommended-racing seat, 5 point safety harness, window net, fire resistant driving suite, fire resistant gloves, shoes and socks along with a SA rated FULL FACED helmet, safety goggles or face shield and neck brace.
3. Driver's door should be painted white on dark colored cars and black on light colored cars for easy identification by other drivers.

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Figure 8- Trailer Race

Length:

1. Minimum of 12' long. Measured from center of ball to the back edge of frame rail.

Width:

1. A minimum of 4' wide. Measured from outside to outside of frame rail.

Tire Size:

1. Minimum size of 4.80-12". Maximum size of 15" tires.
2. Tires must be outside of frame rail. They cannot have any kind of protection around them.

Hitch:

1. Ball type only.
2. NO WAGON HOOK-UPS WITH A HITCH PIN. NO GOOSE NECK TRAILERS. NO PINNAL HITCH TAILERS. NO COLLAR LOCK-TOP LATCH ONLY
3. Maximum of 2" ball. If hookup is so equipped you can put a bolt though hole on latch. No wire clamps, safety chains or welding allowed.
4. Tongue of trailer cannot be made to spin around.

Springs:

1. Trailer must ride on a set of springs. These cannot be heavy duty springs like off a farm truck, or anything else heavy duty.
2. 5 leaf spring max.

Axles:

1. Must be a single axle trailer.
2. No heavy duty truck rear-ends, wagon axles, or anything else that is heavy duty. No farm machinery, mobile home, or industrial strength axels.
3. No livestock or horse trailers.

Theme:

1. You must have some kind of a theme for you trailer. Boat on a trailer, camper or a theme you can come up with.

2. \$200 prize for the best appearing/themed entry as voted by the crowd.

Tow Vehicle:

1. Any vehicle legal (truck or cars).
2. No operation 4 wheel drive vehicles. (If using a 4x4 you must unhook front or rear drive shaft so 4x4 cannot be used.
3. No contact between tow vehicles. Contact between tow vehicles will get you disqualified.

NO extra metal on outside of tow vehicle expect for driver's protection as follows-2 driver protection bars will be allowed. You may use 1"x3" flat steel or maximum 2" diameter round or square tubing mounted on the outside of the vehicle and not extend more than 12" past the door seam on either side. One "U" shaped pipe will be allowed on top of the front bumper, maximum of 1 1/2" pipe for radiator protection.

Driver's Safety:

1. **Mandatory- seat belts, long sleeves, jean/long pants, gloves, shoes & socks, helmet, goggles, and neck brace for the driver.** No sunglasses.
2. Recommended-racing seat, 5 point safety harness, window net, fire resistant driving suite, fire resistant gloves, shoes and socks along with a SA rated FULL FACED helmet, safety goggles or face shield and neck brace

Passenger:

1. If you choose to have a passenger they MUST have all the same safety equipment as the driver.

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Once we get to 4 vehicles we will not be required to follow the figure 8 course. It will be an all-out battle to the last vehicle with a trailer attached to win! You will be required to stay in the arena for your safety.

2017 Figure 8- Stock Buddy Race

Driver will run steering and break ONLY! Passenger MUST run throttle (can be hand or pedal). **THIS WILL BE CHECKED BEFORE ENTERING THE TRACK!**

BODY:

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2. No swapping of bodies. Body and frame must match.
3. All bodies must be bolted down using factory body mount holes. Body bushings may be removed. No welding of body to frame.
4. One 1 3/4" pipe between frame rails directly in front of the radiator is allowed.
5. All bodies must have original steel firewall.
6. May have steel no thicker than 3/16" under driver's seat and leg area or from center hump to rocker panel welded or bolted to the body. Must remain stock floor on passenger side of vehicle.
7. Must have 12" hole in hood for access in case of fire.
8. All doors must be chained or wired shut. Trunk lid must open for inspection.
9. Driver's door may be reinforced from outside for protection. 3 driver protection bars will be allowed. You may use 1"x6" flat steel or maximum 2" diameter round or square tubing mounted on the outside of the vehicle and not extending more than 12" past the door seam on either side.
10. Driver and passenger compartments must remain open for visible inspection. No enclosed cockpits.
11. No reinforcing of any kind on the inside of front fenders, any doors or either rear quarter panels.
No pipe or steel plating anywhere!
12. Single layer of stock steel body metal only. All body repairs must be done with thin sheet metal. NO PLATING! Any patching of body must be no more than 1/16" thick and no more than 2" from damaged area.
13. All glass, plastic, upholstery, lights, mirrors, molding, and chrome must be removed.
14. Car numbers must be placed on both doors and on roof plate are **MANDATORY**. Roof plate must stand up vertically. Number on roof plate must be at least 12" tall and legible.

15. No adding of ballast or weight of any kind anywhere in the car. In frames, bumpers, body, etc.
16. Hood may be pinned, wired or bolted shut with no larger than 1/2" all thread/pins no more than 4 places.

Frame:

1. Repair of frame rails from rust or damage from center hump of rear axle forward must be of 1/8" flat steel or less. No angle, channel, or box iron
2. Rear frame rails must be able to safely support bumper and protect fuel tanks.
3. All repairs must be approved by inspector.

Roll Cage:

1. You can have an "H" bar placed in car, welded to the frame and bolted to the roof.
2. No kicker of any kind.

Fuel Tank & Fuel Systems:

1. May remain in stock location, if moved it must be put in trunk area.
2. Tanks must be designed for fuel, no homemade fuel tanks.
3. No 5 gallon buckets, jugs, cans, or other non approved fuel tanks.
4. Steel or plastic boat tanks are ok, but must be securely mounted.
5. Fuel cells are recommended, but not mandatory.
6. All fuel cells or tanks must be securely fastened and covered.
7. No alcohol.
8. If using an electric fuel pump it is recommended to have a master kill switch or roll over switch to shut the pump off in an emergency.

Bumpers:

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2. No reinforcing inside of bumpers.
3. No welding bumpers to frame or mounts.
4. Bumper ends may be capped or rounded. Safety chaining or wiring bumpers is allowed.
5. If using plastic nose you must use the OEM bumper mounted properly behind the plastic.

Rear Ends/Front Ends

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Brakes:

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2. No aftermarket brake pedal setups or break bias of any kind.

Shocks:

1. Stock shocks only. No racing shocks, no coil over shocks.
2. Must be mounted in stock locations and in stock mounts.

Springs:

1. Stock springs only in stock mounts in stock location with no spacers or clamps.
2. Must bounce free!

Suspension:

1. Stock upper and lower A-fames only.
2. Stock rear end control arms.

Steering:

1. No quick steer boxes.
2. Must be stock

Drive Shafts:

1. Must be painted white.

Battery:

1. You may relocate battery. Must be in a safe location.
2. Securely fastened down and covered inside battery box.

Wheels and Tires:

1. May use 1" lug nuts on stock studs.
2. You can use any rim/racing wheels. No bead lock wheels.

3. DOT type car & truck tires only. Mud and snow tires are ok. NO FORKLIFT OR TRACTOR TIRES.
4. Protection around valve stem is allowed.
5. Maximum of 4 tires per vehicle.

Radiator:

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Engine:

1. GM to GM, Ford to Ford, Mopar to Mopar.
2. Engines must be stock appearing.
3. No aftermarket heads allowed.
4. Engines need to be in stock locations.
5. Exhaust is allowed to go upward out of the hood area as long as it goes straight up and is not pointed at the driver or other drivers.

Driver's Safety:

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2. Recommended-racing seat, 5 point harness, window net, fire resistant suite, fire resistant gloves, shoes and socks along with a SA rated FULL FACED helmet safety goggle or face shield and neck brace.
3. Driver's door should be painted white on dark colored cars and black on light colored cars for easy identification by other drivers.

Passenger:

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