



# 2018 MTS Redneck 200 Rules

## ELIGIBLE MODELS

1. Any 4 cylinder front or rear wheel drive car.
2. Must be 2, 3 or 4 door car only. No pickups or station wagons.
3. No 4 wheel drive or all-wheel drive

## INTERIOR

1. Interior of car must be completely gutted and removed except for the dash which may remain for electronics. Interior must remain open, no boxing of interior
2. Must have firewall between engine and driver with all openings covered.
3. Must have rear firewall between driver and trunk if you have a trunk mounted fuel cell.
4. Must have master on/off switch labeled and located for easy access for safety personnel to reach from both sides of car.
5. Master switch must shut off engine and fuel pump.
6. OEM steering and related components located in stock mounts and locations. Quick release steering wheel allowed.
7. Racing style seat recommended
8. 4 point safety harness required. Safety belts should be mounted to roll cage/chassis/frame, shoulder belts must be mounted at least 2 inches below the top of driver's shoulders.
9. No mirrors of any kind will be allowed
10. One 12 volt battery only, must be securely mounted, may be moved to trunk area, must be securely mounted in a marine type case, if left under hood positive terminal must be covered.

## BODY

1. Sun roof openings must be closed with steel.
2. Remove all glass. All broken glass must be removed from inside of car before arriving at track.
3. No glass or plastic windshields allowed
4. The driver's side windshield must have 4 or more 3/8 inch bars evenly spaced in front of driver, a screen over the bars is recommended
5. Doors must be chained or welded shut.
6. Hood and trunk must be secured with hood pins only. All factory hood and trunk latches must be removed.
7. All exterior lights, trim and hood insulation must be removed.
8. Working third brake light optional.
9. Must have an 8 inch by 12 inch hole in hood over exhaust manifold.
10. Stock ride height must be maintained

## ROLL BARS -- SIDE BARS

1. All vehicles must be equipped with a six point roll cage. The material used must be 1 1/2" X .095 or better milled steel.
2. No pipe fittings exhaust pipe, or conduit.
3. Properly constructed four post main cage with connecting hoop around the top and two down bars from rear of top hoop to rear of car, rear bars cannot anchor to the top of rear strut towers.
4. Cage must have a cross bar behind the driver to fasten the shoulder belts to.
5. Uni-body cars must have a minimum steel 4"x 4"x 1/8th inch plates welded to the floor for cage base.
6. Two driver side door bars evenly spaced and parallel with body and welded to front and rear down tubes of roll cage, two vertical pipes between each door bar mandatory

7. Two passenger side door bars required with two vertical bars in between door bars evenly spaced.
8. A 6 inch sun visor all the way across the front is allowed

### **ENGINE COMPARTMENT**

1. Stock engine for that year, make and model.
2. Engine must remain in stock factory location.
3. All engine rotating assembly must be stock from harmonic balancer and thru to the fly wheel
4. No alterations of any kind allowed to the intake side, will be checked with bore scope, no match porting, grinding, polishing, acid porting.
5. Aftermarket air filter system allowed (K & N)
6. Turbos, superchargers, or mechanical/electrical air induction allowed
7. Aftermarket exhaust allowed.
8. Aftermarket ignition and coil allowed.
9. NO aftermarket on-board engine management systems.
10. Fuel injection system or carburetor must be stock for year, make and model of car and engine used.
11. Stock transmission.
12. Must have working forward and reverse gears.
13. All insulation under hood must be removed.
14. Exhaust complete and leak free. Maximum size of 2" O.D. must run from engine to an area behind the driver. Out the back - no side exhaust
15. Catalytic converter can be removed.

### **SUSPENSION**

1. All suspension components must remain stock and in stock OEM locations and attach to OEM factory mounts on the frame or chassis.
2. Rear wheels must track straight with front wheels
3. 1" of camber allowed. Measured with tech inspector's carpenter square.
4. Maximum 1" of toe in or toe out allowed.
5. Strut braces allowed
6. No locked differential, must remain stock and open

### **COOLING SYSTEM**

1. Any radiator allowed which will fit in stock mounts.
2. An overflow container must be mounted in the engine compartment.
3. Water only in radiator. No anti-freeze.

### **GAS TANK**

1. Cars with OEM fuel tanks located in front of the rear axle may remain.
2. Cars with OEM fuel tanks located behind the rear axle must be removed, must install a fuel cell in the trunk area.
3. No plastic fuel cells
4. Fuel cell must be in a metal container and must be mounted by at least 2 straps and a minimum 1/8" X 1" steel strap with minimum 3/8" hardware.
5. Aftermarket fuel pump allowed.
6. Metal fuel line.
7. Firewall between driver and rear fuel cell mandatory.
8. No racing fuel allowed.
9. No nitrous or fuel additives, will be checked
10. Street pump gas only, maximum 93 octane
11. Race gas purchased at the pump is not allowed

### **TIRES, WHEELS & BRAKES**

1. Must be DOT approved.

2. No racing tires. No autocross, no SCCA approved tires, no competition DOT.
3. Only tires speed rated M, N, P, Q, R, S, T, or H allowed.
4. No tires rated U, V (VR), W (ZR), Y (ZR) or Z allowed.
5. Maximum footprint of 6.5"
6. Must use 1" oversize lug nuts on all steel wheels
7. Stock aluminum rims allowed
8. No spacers allowed.
9. No offset rims allowed.
10. OEM factory drum or disc brakes must be functional on all four wheels.
11. No brake bias or manual proportioning valve.
12. No wheel weights or hub caps of any kind allowed

### **SAFETY**

1. Helmet must be full face and meet minimum DOT standard, suggested Snell 2000 approved.
2. Drivers suit, gloves and nonflammable shoes mandatory (leather work shoes, ok)
3. Roll bar padding, neck braces, and head and neck restraints are highly recommended

### **CAR NUMBERS**

1. Minimum of 18" high numbers in contrasting color on both doors and roof.
2. No duct tape numbers. Cars with non-legible numbers will not compete

### **GENERAL**

1. All cars are subject to a minimum specification inspection at any time.
2. It is the responsibility of the driver to prepare their car FREE of defects and in safe racing condition.
3. Transponders will be mandatory; MTS will have rental transponders available if you don't have one

### **ELIGIBILITY**

1. It is the goal of this race to have fun and to race safe.
2. All drivers must be at least sixteen (16) years of age (proof of age required). Drivers under eighteen (18) years of age are required to have a signed and notarized Parental Consent Form. The Parental Consent Form must be signed by a parent or legal guardian, and must be received by MTS prior to participation of the driver in this event.

**MTS Tech officials will have final say on legality  
Or  
Safety concerns.**