

# BIG CAR ENDURO CLASS RULES

ANY FOREIGN OR DOMESTIC 8 CYL. FRONT OR REAR WHEEL DRIVE, MINIMUM 4 PASSENGER CAR WITH MINIMUM OF 101 INCH WHEELBASE. NO TURO OR SUPERCHARGED ENGINES.

## INTERIOR

### ROLL CAGE

1. 4 POINT CAGE MINIMUM, TO INCLUDE 4 DOOR BARS IN DRIVERS DOOR USING .095 WALL STEEL TUBING. **Gut N Go cars are allowed. Must have a bar behind the seat from driver to passenger side.**
2. 2 BARS FROM MAIN CAGE TO IN FRONT OF A FRAMES ALLOWED. NO FULL FRONT HOOP. 1 DIAGONAL BAR ON EACH SIDE FOR SUPPORT.
3. 2 BARS FROM MAIN HOOP AT TOP TO REAR FRAME. 1 DIAGONAL BAR ON EACH SIDE FOR SUPPORT.

ALL GLASS MUST BE REMOVED. **Windshield may remain**

DASHBOARD MAY BE REMOVED, MUST INSTALL CROSSBAR IF DASH IS REMOVED

ALL FLAMMABLE MATERIALS MUST BE REMOVED. (RUG, PANELS, CEILING, MAT, ETC)

FLOORBOARD MUST BE INSTALLED AND IN GOOD CONDITION, HOLES MUST BE PATCHED. A METAL PLATE MUST BE UNDER DRIVERS SEAT, 20 GUAGE OR HEAVIER.

5 POINT RACING SEAT BELTS RECCOMENDED

DROP DOWN OPERATIOAL WINDOW NET MANDATORY MUST LATCH INSIDE OF CAR.

DOORS MUST BE WELDED, BOLTED OR CHAINED.

## BUMPERS

1. MUST BE CHAINED OR BOLTED.
2. MINI UPRIGHT HOOP OR CHAIN IN CENTER FRONT AND REAR FOR TOWING. **MANDATORY.**
3. BUMPER ENDS SHOULD BE TIED IN TO FENDERS WITH FLAT STEEL TO AVOID HOOKED BUMPERS.
4. ANY MANUFACTURED BUMPERS (NON-STOCK) SHALL **NOT** BE STRONGER THAN STOCK.

## RADIATOR

1. ANY TYPE RADIATOR WILL BE ALLOWED.
2. ONLT 1 RADIATOR IN FRONT OF ENGINE IS ALLOWED.

## ENGINE

1. ENGINE MUST BE SAME MAKE AS BODY USED. GM TO GM, FORD TO FORD, ETC.
2. ANY TYPE PULLY ALLOWED. MUST RUN MANUFACTURES COARSE.
3. CARBURETORS WILL BE STOCK TYPE FROM MANUFACTURER. GM RODCHESTERN OR QUADRAJET, FORD MOTORCRAFT ETC. HOLLY 4412 IS ALLOWED.

6. ANY CAST IRON STOCK EXHAUST MANIFOLD OR 1 5/8 OUTSIDE DIA. HEADERS ALLOWED. MUST EXIT PAST DRIVER.
7. EXHAUST PIPING NOT TO EXCEED 2 1/2 INCH DIA.

#### TRANSMISSION

1. ANY STOCK STANDARD OR AUTOMATIC TRANSMISSION ALLOWED.
2. STOCK TORQUE CONVERTER, NO MINI CONVERTERS.
3. STOCK STYLE CLUTCH. FLYWHEEL AND CLUTCH PLATES MUST BE STOCK SIZE. NO ALUMINUM FLYWHEELS.

#### REARS

1. OPEN OR LIMITED SLIP REARS ALLOWED.
2. MINI SPOOLS AND WELDED REARS ALLOWED.
3. AFTERMARKET AXLES ARE PERMITTED.

#### SUSPENSION

1. ALL COMPONENTS AND CONNECTION POINTS OF THE SUSPENSION SHALL REMAIN STOCK.
2. SPRINGS SHALL MARRY UP FROM INSIDE TO OUTSIDE, RACING SPRINGS ALLOWED.  
**ONE SPRING RUBBER PER AXLE ALLOWED.**
3. ANY **STOCK MOUNTING** NONADJUSTABLE SHOCK ALLOWED. 1 PER WHEEL.
4. TRAILING ARMS MUST BE STOCK. NO CUTTING OR DRILLING. AFTERMARKET BUSHINGS ALLOWED, NO SOLID METAL BUSHINGS OR MONOBALLS ALLOWED. REAR TRAILING ARMS CAN BE REINFORCED BUT RETAIN STOCK DIMENSIONS AND MOUNTING POINTS.
5. LEAF SPRINGS MUST MOUNT IN STOCK MOUNTS WITH EQUAL NUMBER OF LEAFS. EQUAL LENGTH SHACKLES MUST BE IN SAME HOLE. NO SLIDERS.
6. NO ADJUSTABLE SUSPENSION.

#### WHEELS

1. AFTERMARKET WHEELS (RIMS) WILL BE ALLOWED. ALL 4 WHEELS MUST BE SAME DIAMETER. 8 inch max width
2. ANY OFFSET IS ALLOWED.
3. TIRES DO NOT HAVE TO BE SAME SIZE. 235 MAX. TREADWEAR MUST BE NO LESS THAN 300. 60 SERIES OR HIGHER. (60, 65, 70)
4. NO SNOW TIRES. ALL SEASON TIRES MUST HAVE TREADWEAR ON TIRE.
5. 1 INCH LUG NUTS RECOMMENDED. STOCK ALUMINUM WHEELS OK.
6. NO WHEEL WEIGHTS ALLOWED.

#### RUBRAILS

1. MAX. 1 3/4 TUBING OR FLAT STEEL MAY BE USED. OUTER EDGE MAY NOT BE MORE THAN 2 INCHES FROM BODY.

#### FUEL CELL

1. FUEL CELL MAY BE USED IN TRUNK, FIRE WALL IS NEEDED BETWEEN DRIVER AND FUEL CELL.

2. FUEL SHUT OFF IS REQUIRED, AND MUST BE MARKED AND MUST BE ACCESSABLE TO FIRE CREW. **Not Required with stock ignition/fuel pump and fuel injection**
3. **FUEL CELL NOT MOUNTED LOWER THAN FRAME RAILS!**

#### **NEW**

1. CARBURETOR CARS AFTERMARKET ALUMINUM INTAKES ARE ALLOWED
2. REV LIMITERS ARE ALLOWED
3. FUEL INJECTION / THROTTLE BODY MOTORS MUST USE STOCK COMPUTER. NO LAPTOP CHANGES IN PITS.

#### **FINAL WORDS**

**PROMOTER AND TECH HAVE THE RIGHT TO ALLOW OR DISALLOW ANYTHING.**