

MDR PRODUCTIONS, INC.  
1853 PARKWAY DRIVE  
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**ITEMS THAT ARE CHECKED DURING PRE-TECH ARE AS FOLLOWS;**

1. NETS...**must** cover the entire window opening, from “A” pillar (vertical wind shield bar) to “B” pillar (vertical door bar)...from top of the “body side panel” to the bottom of the “roof”. **TOP** net **corners** **MUST** have 2 bolts/screws or **STEEL** hose clamped or have a steel to steel connection.
2. CAGE...must have corner gussets on main cage and be welded 360 degrees around. A head rest on cage or built into the seat(s) IS required. A minimum of a .095 roof is required on all race vehicles. If vehicle has a fiberglass body a .095 roof is required and bolted to the cage.

Weight requirements for roll bar cage;

1500 to 2000 pounds 1 ½ x .095      3001 to 4000 pounds 1 ¾ x .120  
2001 to 3000 pounds 1 ½ x .120      4001 to 5000 pounds 2 x .120

3. SAFETY HARNESSSES...must be a five (5) point harness and NO older then 3 years from date of present race (if we can not see the date harnesses are too old). We check if harness are bolted, pinned or doubled “D” ringed (if shoulder harnesses wrap around cross bar). NO “**Y or V**” belts.
4. FIRE EXTINGUISHER...NO less then a 2 ½ pound “**A-B-C**” rated hand held fire extinguisher with a capacity gauge. Highly recommended as an option an “On board” fire system and having a second fire extinguisher near driver or co-driver. I recommend two fire extinguishers.
5. FIRST AID KIT, Mandatory as follows (for desert races only)

1- 4” Bandage compress	10 - Prep pads treated
2- 2” Bandage compress	1 – Eye Dressing packet
1 – Triangle bandage	10 – Ammonia inhalants
8 – 2”x3” Adhesive Pads	1 – 3” wide Ace bandage
16 – 1”x 3 3/8 Adhesive band aids	

It is highly recommended that there is a first aid kit for each driver and co-driver or an oversized kit for both

6. FUEL CELL...All Classes (except Class 11 in stock location) racing must have a fuel cell! This is a must, the vent hose must be routed like this; leaves the vent connection runs

along the top of fuel cell extends pass the driver side of cell loops back to passenger's side of cell and then routes down passing the bottom of fuel cell and then to outside of vehicle. All fuel cells must have a NON VENTED fuel cap. A smooth shin made of steel or aluminum MUST cover the fuel bladder and must be filled with fuel proof foam blocks. The manufacture date must not be removed

7. DRIVE SHAFT LOOP...Safety drive shaft loop is required on all vehicles with a drive shaft. Retainer may be made of .25 X 2" wide steel or 2" nylon webbing both may be bolted to the frame. **ANYTHING WITH A DRIVESHAFT MUST HAVE THIS!**

8. \*\*\*LIGHTS...FORWARD FACING DRIVING LIGHTS OF ANY MANUFACTURE is allowed, Minimum one working forward facing light to complete during event. Brake lights must **NOT** be on a hand controlled switch and the lights must work during the race.

Night races, a minimum of THREE (3) INCH diameter TAIL/RUNNING lights must be connected to a front light and operate when a front light is turned on. Minimum THREE (3) INCH diameter\*\*\*

**REAR FACING AMBER LIGHT**, a rear facing amber light must be able to be seen from all angles from the rear and protected from damage during a roll over. The minimum wattage is 25 watts and the maximum is 55 watts. The lens must be a yellow or an amber color.

**\*\*\*SEE FOLLOWING SPECIAL NOTES AT END OF LIST**

9. NUMBERS...ONLY WHITE OR BLACK NUMBERS! Numbers must be on a white or black 12" rectangle back ground! Numbers must be a **1" stroke** (no weird designs, English only). Front 4" number must be on front wind shield (visor area), side 8" number MUST be in the middle/center of vehicle, under driver / co-driver, and rear 6" number MUST be seen easily (Baja bugs and Class 11 are the only vehicle allowed to use the roof number as a roof and rear number as long as its just above the rear window.

10. HELMETS...MUST by SNELL approved. The rating is as of 2009 is as follows; **ARTS** HIGHLY recommended SNELL SA2000 or SNELL SA2005. The inside SNELL date MUST be readable for ID on SNELL sticker. Each racing organization has their standards. ARTS highly recommends a Snell "SA" as a standard rating.

11. DRIVING SUIT... MUST be SFI approved! Driving suit must be made of a PROBAN or NOMEX material. No holes, oil stains, or rips/holes. The suit must cover the entire body, gloves AND Nomex underwear are highly recommended.

12. BATTERY...On positive post it must be covered with **ELECTRICAL TAPE** and in a safety box if in drivers area.

13. Any and all fuel lines must have hose clamps.....even vent lines.

14. Do a quick look over on wheel lug stud nuts....see a thread.

15. HORN A VERY LOUD SOUNDING DEVICE.....NO WIMPY HORNS!

16. Second Carburetor spring

17. Mirrors, ARE REQUIRED

**SPECIAL NOTE \*\*\***

8. LIGHTS....if during any racing event, the "REAR FACING AMBER LIGHT, RUNNING LIGHTS, BRAKE LIGHTS or HEAD LIGHT" should go out or be disabled during the racing event that vehicle must;

8-1. The vehicle must go to the next pit for repairs. Vehicle may continue to next pit for repairs but may not continue passed the START/FINISH, if vehicle continues through Start/Finish, Check point 1 will stop and return vehicle to main pit for repairs.

8-2. After the repairs, vehicle will be checked by ARTS Tech before continuing in the competition.

8-3. Start/Finish will be radioed about this correction

**ITEMS THAT ARE CHECKED DURING POST-TECH ARE AS FOLLOWS;**

Post-Tech at every event for the following Classes;

1-2/1600;

FIRST PLACE---WEIGH, P&G, CARB.

SECOND PLACE---WEIGH, CARB.

THIRD PLACE---WEIGH, CARB.

5/1600;

FIRST PLACE---P&G, CARB.

SECOND PLACE---CARB.

THIRD PLACE---CARB.

CLASS NINE;

FIRST PLACE---WEIGH, P&G, CARB., CHECK TRANS GEAR RATIO

SECOND PLACE---WEIGH, CARB., CHECK TRANS GEAR RATIO

THIRD PLACE---CHECK TRANS GEAR RATIO

CLASS ELEVEN;

FIRST PLACE---P&G, CARB., CHECK TRANS GEAR RATIO

SECOND PLACE---CARB., CHECK TRANS GEAR RATIO

THIRD PLACE---CHECK TRANS GEAR RATIO

There will not be; "We don't want to P&G...we all agree".

PLEASE KEEP THE TECH AREA CLEAR. ONLY THREE PEOPLE AT EACH RACE VEHICLE WHILE IN THE POST TECH AREA.

## **MDR - MANDATORY SAFETY EQUIPMENT**

### **ALL TEAMS MUST ADHERE TO "INDUSTRY STANDARDS" FOR COMPLETE LIST OF SAFETY REQUIREMENTS.**

#### **HELMET:**

"SA2000, SA2005" SNELL approved rating required with legible Snell sticker, label attached. Eye protection with open face and full face helmet will be required. Helmet straps must have "D" rings.

**NO SNAPS.**

#### **DRIVING SUIT:**

A SFI labeled one piece driving suit is mandatory. One piece driving suit must be able to cover neck to wrist to ankles. Driving suit and gloves must be made of fire resistant material and be free from holes, tears, rips, dirt and oil stains. Driving suits must not have any other race organizations name.

#### **WINDOW NETS:**

**Installed per - "Industry Standards" - All classes**

#### **FUEL CELL:**

**Installed per - "Industry Standards"- All classes (Class 1100 check class rules)**

#### **FIRE EXTINGUISHER:**

Minimum 2.5 pounds "A-B-C" rated hand held fire extinguisher with a gage is mandatory. On board fire extinguisher is an OPTION.

#### **SIGNALING DEVICE:**

Reflective triangle must be carried during the entire race. (No flares)

#### **FIRST AID:**

A waterproof first aid kit is required. The first aid kit must contain nine (9) weatherproof containers, one each per items listed below.

First aid kit must contain the following items:

- 1) 1 - 4 inch bandage compress
- 2) 2 - 2 inch bandage compress
- 3) 1 - Triangle bandage
- 4) 8 - 2 x 3 inch adhesive bandages
- 5) 16 - 1 x 3.375 inch adhesive bandage
- 6) 10 - Prep pads packets
- 7) 1 - Eye dressing packet
- 8) 10 - Ammonia packets (may no longer be available)
- 9) 1 - Ace bandage

#### **FOOD AND WATER:**

At least TWO (2) days of food and water must be on board the race vehicle before the start of the race.

DATED: AUGUST - 2009