UTV TECHNICAL REGULATIONS

** Updated June 21st, 2021 **

Technical regulations apply to all classes unless otherwise noted in class regulations. Class requirements or safety regulations that are class specific may take precedence over technical regulations. If class rules specifically state that a modification or optional equipment is allowed, it will be allowed. M400's intent when prescribing specifications for safety equipment for vehicles/entrants that will compete under M400 rules is to provide protection to all entrants, crew members, officials, and spectators. M400 does not intend to restrict the general or specific design of any vehicle, but does encourage all entrants to give full attention to safety requirements. Any deviation from the technical rules at any M400 promoted or sanctioned event will be contingent upon the approval of M400 in writing in advance of the event.

When operating vehicles on the race course, at any time, entrants must use an approved helmet, protective clothing, eye protection, and safety equipment.

SAFETY EQUIPMENT

UTR1 HELMETS

Helmets used in four-wheel vehicles must meet the following requirements; Snell memorial foundation, SAH2015, SA2015, or SA2020 with a legible Snell sticker attached, FIA Standard 8860-2004, 8860-2018, 8860-2018-ABP, 8860-2010, and 8859-2015 with a legible with a legible FIA sticker attached. Motorcycle and ATV's must meet the following requirements; Snell memorial foundation, M2015, M2020D, or M2020R with a legible Snell sticker attached, FIA Standard 8860-2004, 8860-2018, 8860-2018-ABP, 8860-2010, and 8859-2015 with a legible FIA sticker attached. Youth rider/driver may use SNELL/FIA CM2016. M400 recommends each helmet be labeled (painted) with the driver/rider's name, blood type, allergies, or any other medical information. Left hand side of the helmet must be free of all stickers. Straps must have "D" rings, no snaps or Velcro. As of January 2021, SAH2010, SA2010, FIA 8860-2004 and M2010 helmets will no longer be allowed.

UTR2 PROTECTIVE CLOTHING

4-Wheel Vehicles

Driving suits are required that cover the body from the neck to the ankles and to the wrist. Suits must be manufactured from fire resistant material with the manufacturer's fire-resistant label attached. Suits must be labeled SFI 3.2A/5 or higher. ONE PIECE DRIVING SUITS ARE MANDATORY. Drivers' suits must be in good condition, clean and free of damage (i.e., holes, tears, rips, etc.) Driving gloves and shoes must meet SFI 3.3 requirements and be free of holes are mandatory. Fire retardant Head sock rated to the SFI 3.3 specification or a helmet skirt rated to the SFI 3.3/5 specification are mandatory. Only cotton undergarments or fire-retardant

long sleeve tops, and long bottom undergarments as well as fire retardant socks rated to the SFI 3.3 specification are allowed.

UTR3 EYE PROTECTION and DENTURES
Shatter resistant eye protection is required for all occupants competing in/on vehicles without full windshields. Those competing in closed cockpit vehicles must have eye protection available in the event the windshield is knocked out or broken.

It is highly recommended that entrants with removable dentures remove them prior to competing in an off-road event.

UTR4 HEAD AND NECK RESTRAINT
All drivers/riders in four (4) wheel vehicles must wear a frontal head restraint (FHR) bearing the SFI, Foundation's 38.1 manufacturer's certification label. All head and neck restraints must be replaced or recertified 5 years from date of manufacture.

UTR5 FIRST AID KIT

4-Wheel Vehicles
A suitable, weatherproof, emergency kit composed of individually packaged units must be carried in each vehicle. Each individual unit must contain at least the following items:
(1) - 4" Bandage Compress
(2) - 2" Bandage Compress
(1) - Triangular Bandage
(6) - 2" x 3" Adhesive Pads
(8) - 1" x 3.375" Adhesive Bandages (6) - Prep Pads Treated
(1) - Eye Dressing Packet (5) - Ammonia Inhalants (1) - Ace Bandage

UTR6 EMERGENCY SIGNALING DEVICES
All vehicles except Motorcycles and Quads must carry a minimum of two emergency warning devices. Two (2) battery-operated red flashing beacons, two large glow sticks or two red reflective devices must be carried in the vehicle. Reflective devices must be at least 12 inches high and 12 inches long and be free standing. M400 stuck stubs are supplied to each entrant at registration. The stuck stub must be kept with the vehicle along with a writing instrument. If a break down or out-of-race condition occurs, the stuck stub must be completed and given to another

UTR7 HORNS
It is required that all vehicles except Motorcycles and Quads be equipped with a loud sounding device. Sirens may be used in addition to horns. Some classes may be required to run collision warning transponders at designated events.

UTR8 REFLECTORS
All vehicles must have either two (2) (four-wheeled Vehicles) or one (1) (Motorcycles and Quads) 2" minimum diameter red reflectors on the rear of the vehicle and/or helmet. LED lights are not reflective and do not fulfill this rule.

UTR9 FIRE EXTINGUISHER
Each vehicle except motorcycles or ATV's must have one (1) hand-held portable UL approved 2.5lb minimum ABC rated dry chemical type or halon, AFFF Foam, Novec 1230, FE-36 fire extinguisher equipped with capacity gauge. Fire extinguisher must have a gage and must be fully charged and easily accessible from **inside** of vehicle.

One(1) minimum 5lb ABC- class, dry chemical fire extinguisher or foam equivalent must be mounted on the **exterior** of the vehicle. Must be accessible outside of vehicle and mounted to prevent damage to fire extinguisher during rollover. A "On-board fire suppressant" having three (3) nozzles located in these areas, driving compartment, fuel compartment and engine compartment is recommended.

UTR10 SURVIVAL SUPPLIES
All vehicles competing in long course events must carry at least two days of survival supplies and at least one (1) quart of water or other suitable liquid for each occupant/rider.

SUSPENSION COMPONENTS

For classes that have wheel travel limitations the following will apply:
Front wheel travel will be measured at the centerline of the front spindle from metal stop to metal stop. Rear wheel travel will be measured at the centerline of the axle from metal stop to metal stop. Stops will be non-removable and nonadjustable. If limiter straps are to be used for stops the bolts that mount them must be drilled with a minimum 1/8(.125) inch hole so that a M400 may seal them.

UTR11 SHOCK ABSORBERS and BUMP STOPS
At least one shock absorber per wheel, in working condition, must be used on all 4wheel vehicles. Other systems may be used with prior approval of M400.
Suspension bump stops must be static and can only be made of rubber, plastic, urethane, etc. In classes that are allowed movable bump stops or secondary suspension, movable stops are allowed.

UTR12 SECONDARY SUSPENSION
Secondary suspension shall include leaf springs, torsion bars, coil over shocks, air bags, air shocks, Haga balls or any other item that changes the wheel rate at any point in its travel other than primary suspension system that was delivered on the vehicle.

Shocks will be considered air shocks/secondary suspension when charged to 200 PSI in its fully extended state and the static shaft pressure exceeds 300 PSI when fully collapsed.

Bump stops will be considered secondary suspension if they contact the suspension unit more than 4" before the end of its travel.

UTR13 WHEELS and TIRES
Snap-on hubcaps or wheel covers of any type are not permitted on any class of vehicle during competition. All rims including spares must be stamped with vehicle race number. Number stamp must be 1/4(.250) inch tall, and be located within two (2) inches of valve stem. Tires will be visually checked for condition and must be considered safe by M400 prior to competing. It is highly recommended that all paint be removed from the mounting surfaces of the rim and the hub.

Maximum tire size is 33" Outside Diameter (O.D.). Pressure checked at 18 PSI on rim to be used.

UTR14 FASTENERS
All nuts, bolts, and component parts on each vehicle's suspension system, chassis and running gear must be secured with Grade 8 or better nuts and bolts and secured with either lock nut, cotter keys or safety wire and have at least one full thread showing through the nut.

STEERING and BRAKE COMPONENTS

UTR15 STEERING
Steering wheel play must be kept to a minimum. Drag link and tie-rod ends must be secured and keyed. Steering must be considered safe by M400 before the vehicle will be permitted to race.

UTR16 BRAKES
Brakes must be in a safe working condition and able to apply adequate braking force to "Lock-up" all four wheels. Turning or steering brakes are allowed unless allowed by class rules.

ELECTRICAL SYSTEM

UTR17 IGNITION
Each vehicle in competition must have a positive action on-off switch in good working order. The switch must be located within easy reach of the driver and marked or labeled "ignition" ON-Off. All electric fuel pump switches must be labeled as "FUEL" and must be accessible to driver and outside personnel.

UTR18 BATTERIES
Batteries must be securely mounted. All batteries mounted in the driver's compartment must be fully enclosed including the sides and bottom of the battery. Batteries will be considered to be located in the driver's compartment if there is not a full bulkhead (firewall) separating the driver and the battery. Regardless of location battery positive terminal must be insulated.

UTR19 LIGHTS

Four-wheel Vehicles
All four-wheel vehicles must have a minimum of two (2) headlights, two (2) brake lights, and two (2) taillights. Taillights must be mounted at least 48 inches from the ground if other than stock. The brake light must be at least 3" in diameter. All UTV's must also have four (4) additional rear facing safety lights. One (1) solid amber, one (1) flashing amber, one (1) solid blue, and one (1) flashing blue. All safety lights must be LED with a minimum of 2000 lumens output. All safety lights must be wired directly to the battery switch. All tail lights must be DOT and in operating condition at all times.

All four-wheel vehicles must have a rearward facing amber colored light. Amber and blue lights (if required) must be at least 3” diameter and DOT approved. These lights must be connected to the ignition and remain on during the race. Amber and blue lights must be seen 180° and not blocked by tires or parts. The bulb must be 25 to 55 watts, or LED with equivalent lumens as long as it has an amber/blue colored lens. Light must be mounted at least 48 inches off of the ground. The light must be visible from any position aft of the vehicle and must be protected from damage in case of roll over. A light bar that has all the correct lights may fill these requirements.

Rearward facing lights must be in an operational condition before the vehicle will be allowed to start an event. During an event if the light goes out it must be fixed or replaced at the next available pit location before proceeding in the race. Any light that is connected to a switch that allows the vehicle to move in any direction without the light being on will cause that entry to be disqualified.

UTR20 STARTERS
All vehicles except Motorcycles and Quads must have a battery and a starter capable of starting the engine.

FUEL SYSTEM

UTR21 FUEL
Any of the following commercially available gasoline’s, LPG, or diesel fuel may be used:

1. Service station type pump fuel.
2. Racing gasoline as manufactured.
3. Commercial aviation gasoline.

4. Natural or Propane Gas.
5. Commercially available Ethanol i.e., C85 or C95. No oxygen bearing fuel including alcohol or nitromethane is allowed. Commercially produced, nationally advertised fuel additives may be used only in the quantities specified by the manufacturer and only if a sample of the gasoline with the additive is supplied for inspection to M400. Fuel samples may be taken at random before, during, and after the event.

UTR22 FUEL TANKS

Safety fuel cells are required for all classes except Motorcycles, Quads, and some noted UTV classes. Auxiliary fuel tanks may be added to a vehicle in all classes except Class 11. Auxiliary

fuel tanks must be safety fuel cells. All fuel cells must be securely mounted, filled foam and vented to the outside of the vehicle, and have a substantial cross-member between the fuel cell and driver in vehicles with rear mounted cells.

No GI cans or fuel containers similar in construction or purpose will be allowed in/on any vehicle during a race. Safety fuel cells shall consist of a bladder enclosed in a metal (minimum of .060 thickness) container as follows:

Bladders shall be constructed of nylon or Dacron woven fabric impregnated and coated with a fuel resistant elastomer. Rotary molded polymer cells are not allowed. The minimum standards acceptable for physical properties are:

Test Type	Minimum Standard	Test Specification
Tensile Strength	450 lbs.	Spec. CCC-T-1916 Method 5102
Tear Strength	50 lbs.	Spec. CC-T-1916 Method 5134
Puncture Test	175 lbs.	Spec. Mil-T-6396 Article 4.5.17

These physical properties must be maintained throughout all areas of the finished bladder including seams, joints and fittings.

Container

The bladder shall be fully surrounded in a smooth skinned casing. The container shall be made of .060" Aluminum or steel. Other materials may be approved on request. Use of magnesium prohibited.

UTR23 FUEL FILLER LINES, VENTS, and CAPS

Fuel filler lines and caps must be mounted in a location where they cannot be knocked open or torn off of the vehicle. All fillers must be located within frame or body structure so as to prevent opening or damage during a roll-over or accidental impact. Fuel pick-up openings, lines, breather vents, and fuel filler lines shall be designed and installed not to allow spillage under any conditions. Fuel breather lines must have a check valve and in addition the line must be

routed around the fuel cell. Fuel tank breathers must be vented outside the driver's compartment to the rear of the vehicle.

All fuel fillers attached to the frame or body must have a flexible coupling to the tank. Positive locking non-vented fuel filler caps are required. A check valve must be incorporated in the fuel tank to prevent fuel escaping if the cap and filler neck are torn from the tank. All fuel fillers must be surrounded with a splash guard or boot designed to direct spilled fuel to the outside of the vehicle away from the driver, engine, and exhaust system when fueling.

ENGINES, TRANSMISSIONS and DRIVELINES

UTR24 ENGINE and ENGINE DISPLACEMENT
See class rules. Engine location and displacement may be inspected at any time. Engines may be sealed or marked by M400 at any event.

UTR25 ENGINE REPLACEMENT
Engine may be replaced during the event. Entrant must notify M400 that engine is being replaced. Engine replacement must be performed at an designated location.

UTR26 TRANSMISSION
Every vehicle in competition except Motorcycles and Quads must have a functional reverse. All automatic transmissions must have a scatter shield of scatter blanket.

UTR27 THROTTLES
Every vehicle except Motorcycles and Quads must have a throttle incorporating two (2) positive action return springs with a minimum pull of two (2) pounds each. A positive stop and override prevention system must be used to keep linkage from passing over center and sticking in an open position.

UTR28 EXHAUST
All vehicles are required to be equipped with forestry approved spark arrestor or with approved mufflers. Exhaust system must be installed to direct the exhaust gases out of the body, rearward, behind the driver, away from the fuel tanks and tires, and placed in such a manner that will minimize the producing of dust. Exhaust pipes must extend at least twelve (12) inches to the rear of the driver's compartment.

UTR29 DRIVE SHAFTS
All front engine vehicles with an open drive shaft must have a retainer hoop securely mounted and located within 6" of the front universal joint. The retainer hoop may consist of either a .25" x 2" steel strap, 2" wide nylon webbing, or .750 diameter tubing. Hoop or strap must be securely attached to a body or frame member.

UTR30 FLYWHEEL SHIELDS
All front engine vehicles with standard transmissions must have a SEMA-approved bell housing or cover. All front engine vehicles with an automatic transmission must have a scatter shield or scatter blanket.

UTR31 FLUID COOLERS
Oil coolers, transmission coolers, and radiators mounted ahead of the driver or in the passenger compartment must have a shroud behind the cooler that will prevent liquids from the cooler or its lines from blowing back onto the driver or co-driver. All hoses that run through the passenger compartment must be shielded.

UTR32 AUXILIARY EQUIPMENT
A generator, fan, water pump (water-cooled engines), and a complete functional electrical system must be connected and in operation at the start of race.

UTR33 SUPERCHARGERS and TURBOCHARGERS
Superchargers and turbochargers are only allowed in those classes noted. Diesel or gasoline engines in stock classes which utilize stock turbochargers may be approved on an individual basis.

VEHICLE SAFETY EQUIPMENT

UTR34 ROLL CAGES
All vehicles in except Motorcycles and Quads must be equipped with a roll cage. Minimum design and tubing size based on seamless 4130 chromoly tubing or ASTM 1018/1026 CDS/DOM. No aluminum or other nonferrous material permitted.

Material
Material for roll cage construction must be 4130 chromoly tubing or ASTM 1018/1026 CDS/DOM.

All welding must be of the highest quality with full penetration and no undercutting of the parent metal. All welds shall conform to the American Welding Society D1.1, Structural Welding Code, Chapter 10, Tubular Structures and Standards for the material used. It is strongly recommended that the welder inspect all welds using magnetic iron powder or die-penetrate testing.

All tubes must be welded 360-degrees around the circumference of the tube. No oxy-acetylene brazing or welding allowed.

None of the tubing may show any signs of crimping or wall failure. All bends must be mandrel type. The center radius of the bends may not be less than three (3) times the outside diameter of the roll cage tubing.

Roll Cage Tubing Sizes
For the purposes of determining roll bar tubing sizes, vehicle weight is as raced, but without fuel and driver. Note: There is an allowance of minus 0.010 inches on all tubing thicknesses. Minimum tubing size for the roll cage is:

Up to 2000 lbs.
1.500” x 0.095” Cond N/4130/Seamless or ASTM 1018/1026 CDS/DOM

2001 - 2500 lbs.
1.500” x 0.120” Cond N/4130/Seamless or ASTM 1018/1026 CDS/DOM

2501 - 3000 lbs.
1.750” x 0.095” Cond N/4130/Seamless or ASTM 1018/1026 CDS/DOM

3001 - 4000 lbs.
1.750” x 0.120” Cond N/4130/Seamless or ASTM 1018/1026 CDS/DOM

Over 4000 lbs.
2.000” x 0.120” Cond N/4130/Seamless or ASTM 1018/1026 CDS/DOM

Construction Procedures
Cages must be securely mounted to the frame or body and gusseted and braced at all points of intersection. Cab or body mounted cages must not be attached to the body structure by direct welding, but must be bolted through and attached by the use of doubler plates (one on either side) with a minimum thickness of 3/16(.187) inch. Where bolt and nuts are used the bolts shall be at least 3/8 (.375) inch diameter SAE Grade 8 or equivalent. Roll cage terminal ends must be located to a frame or body structure that will support maximum impact and not shear. Minimum material dimension requirements for roll cages apply to the following members of the roll cage:

(1) Front and rear hoop or side lateral tubes
(2) Front and rear interconnecting bars
(3) Rear down braces
(4) Lateral bracing
(5) Elbow and door bars
(6) Lower A-pillar tubes, and lower B-pillar tubes

Roll Cage Design
All roll cages must be constructed with at least one (1) front hoop (top of cage to floor), one (1) rear hoop (top of cage to floor), or two (2) side lateral hoops, two (2) interconnecting top bars,

two (2) rear down braces and one (1) diagonal brace and necessary gussets. If the front and/or rear hoop terminate at elbow/door bar, lower A-pillar and/or B-pillar must be made of the same tubing size as roll cage. Upper main, front, rear, and lateral roll bar hoops must be made in one piece without joints. Centerlines of all required tubes must converge at intersections.

Any vehicle that is not equipped with stock steel doors for driver and co-driver must have sidebars, at least one on each side that will protect the occupants from side impact. Side bars must be parallel to the ground and be located vertically in relation to the occupants to provide maximum protection without causing difficulty in entering or exiting the vehicle. The sidebars must be constructed of tubing of the same material and dimensions as the roll cage. Additional side tubes may be required to limit cockpit intrusion, additional tubes must be of the same size tubing as the roll cage. Tubes must be placed in such a manner as to limit openings adjacent to the occupants. Maximum opening size in this area is limited to 370 square inches.

All roll cage bars must be at least 3” in any direction from the driver and co-driver’s helmets in their normal driving positions.

Gussets must be installed at all main intersections on the main cage including diagonal and rear down braces, and where single weld fractures can affect driver’s safety. Gussets may be constructed of .125” X 3” X 3” flat plate, split, formed and welded corner tubing, or tubing gussets the same thickness as the main cage material. Rear down braces and diagonal braces must angle no less than 30 degrees from vertical.

An inspection hole of at least .187” diameter must be drilled in a non-critical area of the roll bar hoop to facilitate verification of wall thickness. It is the prerogative of M400 to drill a second hole if deemed necessary.

Head/neck restraints designed to prevent whiplash are required on all vehicles. These restraints must be a headrest of approximately 36 square inches, with a resilient padding at least 2” thick. Any portion of the roll bar or bracing which might come in contact with the helmet must be padded.

UTR35 SAFETY HARNESS

All vehicles except Motorcycles and ATV's must have a heavy-duty type five-point fast release (no push button or quick release type) seat belt and shoulder harness with metal-to-metal buckles and connectors for each occupant. Harnesses must have SFI Foundation's 16.1 or 16.5 labels and expiration date labels. The single antisubmarine strap of the five-point system shall be attached so that it will exert maximum restraint to the upward movement of the belt and harness. The five-point system consists of a 2" seat belt, a 2" antisubmarine belt, and two 2" shoulder straps. No "Y" type shoulder belts. All belts must show manufacturer's name, month, and year of manufacture. All belts must be changed after three (2) years of date of manufacture. M400 recommends all belts be changed after one (1) year of use. Harness materials shall be

nylon or Dacron polyester and in new or perfect condition with no cuts or frayed layers, chemical stains, or excessive dirt.

Shoulder harness should be mounted behind the driver/co-driver. The recommended mounting point is approximately 4" below the top of the shoulder. Lap belts should be kept at a minimum at least 2.5" forward of seat and backrest intersection. All belts must be mounted directly to a main structure member of the same size specification as the roll cage and with gussets. All adjustment buckles should be kept at a minimum distance of 1.5" from the seat to prevent accidental loosening or chafing. Mounting hardware must utilize at least 3/8(.375) inch grade 8 steel bolts with 1.5" diameter washers attached through body or frame using lock nuts or cotter key. All belt hardware must be safety wired.

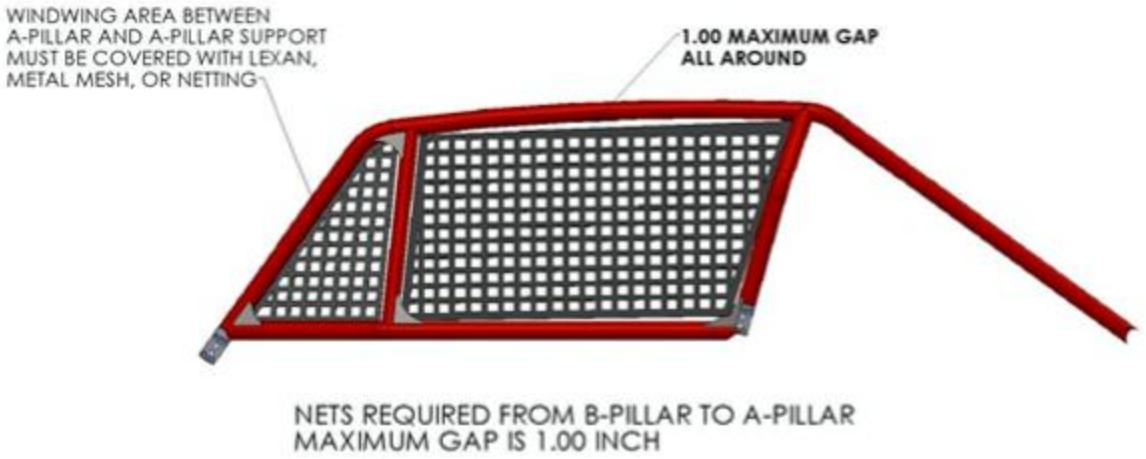
Where slip buckles ("E" rings) are used, they must be doubled up. Example two (2) slip rings per connection.

UTR36 SAFETY NETS

Safety nets are mandatory on all enclosed vehicles and must cover the complete open area of side window openings. Safety nets are required with or without side glass and must be labeled SFI 27.1. The net must be fastened every 6 inches around the outside of the net. Fixed corners must be fastened with metal fasteners i.e., hose clamps, Adel clamps, bolts etc. The net border or edge and tie downs shall be made of materials that are as strong or stronger than the netting itself. Acceptable methods of tying the nets into the vehicle include, but are not limited to: hose clamps, snaps, nylon ties, Velcro, metal hooks and steel rods.

Nets shall be installed so that the driver and/or co-driver can release the netting and exit the vehicle unassisted regardless of vehicle position. Net installation must meet with the approval of the chief technical inspector.

Netting must be installed on the inside of the roll cage bars so that it will not be damaged or come off the car in the event of a roll-over or slide on the side. All nets must have no more than a 1inch gap on all borders to contain hands and fingers inside the vehicle. Nets attached to the door frame covering the entire opening are approved as long as the door is equipped with a secondary latching device.



UTR37 SEATING

Only seats manufactured for racing will be allowed. All seats must be securely mounted using minimum 3/8(.375) inch grade 8 hardware. Adjustable track type seats must be securely fastened so as to allow no vertical or lateral motion. If stock VW type seat runners are used, they must be clamped to the floor with a minimum of two (2) U-bolts per rail and have 1" diameter washers on the underside. Head and neck restraints are mandatory. Low back seats are not allowed.

GENERAL VEHICLE COMPONENTS

UTR38 DRIVER'S COMPARTMENT

Driver and/or co-driver are to enter and exit the driving compartment unassisted with ease, with the vehicle in any position. The driving compartment must be separated by firewalls or bulkheads from any acids or fuels. The roof shall also be covered with sheet metal or sheet aluminum (minimum thickness .080 inch) covering all areas. No items inside the driving compartment should be a danger to the occupants, and is subject to Technical Director’s approval.

UTR39 DOORS and LATCHES

All vehicles with operable doors must have positive locking mechanisms, and must have a secondary latching device.

UTR40 FIREWALLS

All vehicles must utilize an all-metal firewall to separate the driver's compartment from any dangers. Firewalls will keep occupants protected from, fire from the engine and any fuel supplies, any fluids hot or cold. A minimum firewall must extend from the driver's shoulder height to the vehicle floor and body. Maximum gap around any item is 1/16(.062) inch. If rear

mounted safety fuel cell is higher than shoulder height, the firewall must be extended at least two inches above the fuel cell.

UTR41 BALLAST
Any material used for the purpose of adding weight to meet minimum weight requirements, must be properly attached to the vehicle's structure. Any material added to make minimum weight requirements must also have holes drilled in material so that it may be sealed to a non-removable structure member.

UTR42 WEIGHT
Vehicle race weight shall be considered dry weight. (Dry weight is with all fuel tanks drained.) Tools, spare tires, and parts removed, but otherwise the vehicle must be race ready. Some classes are wet weight including driver. Official weight will be considered weight shown on official scales.

UTR43 FLOORBOARDS
Floorboards or belly pans are required on all vehicles and must be held on by a minimum of six (6) .25" bolts per side if the floor is not an integral part of the body or chassis. Floorboards must cover the entire area from the front of the pedal assembly to the back of the seat(s) and from outside edge to outside edge on the sides. Floorboards will protect occupants from dust and debris.

UTR44 BUMPERS and HAZARDOUS PROTRUSIONS
No hazardous front or rear bumpers, nerf bars, frame ends or other protruding objects from the vehicles are allowed. All ends must be rounded and capped off. All vehicles must be equipped with safe front and rear bumpers.

UTR45 MIRRORS
A rear-view mirror is required on all. Mirrors are subject to Technical Directors approval.

UTR46 SKID PLATES
Skid plates designed to protect the front suspension, steering, and brake components are required on all vehicles. Skid plates must be designed of metal and be securely mounted.

UTR47 STORAGE
All spare parts and extra equipment carried on or in a vehicle must be securely fastened to prevent their movement.

UTR48 FENDERS
Fenders must be securely attached to the vehicle if required. The removal of fenders not damaged during the race, after the race has started, will cause the vehicle to be disqualified.

UTR49 CHASSIS and BODY
All body components shall remain on the vehicle (accidental damage excluded) during the entire event. Body/chassis series must be maintained with body/chassis combinations. as specified in individual class rules.

UTR50 HOSES
All hoses including metal lines and fittings must be securely clamped and/or safety wired in place.

UTR51 IDENTIFICATION MARKINGS
All vehicles in competition must be identified with the correct vehicle number displayed according to the following rules.

All numbers must be displayed on a contrasting background. Number plate background will be distinguishable from the color of the vehicle.

Sportsman classes must have black numbers on a yellow background.

M400 assumes no responsibility for scoring vehicles that have unrecognizable identification numbers. It is the driver's responsibility to keep numbers recognizable at all times during the event.

Four-wheel Vehicles

1. Visible from both sides of the vehicle, one (1) number per side. Numbers must be a minimum of 10" high with a minimum 1" wide stroke.
2. Visible from the rear, one (1) number. Numbers must be a minimum of 6" high with a 1" wide stroke.
3. Visible from the front, one (1) number upper left Driver's Side visor area. Numbers must be a minimum of 4" high.
4. Visible from above, one (1) number. Numbers must be a minimum of 8" high with a 1" wide stroke.

PIT-SUPPORT VEHICLES
All pit-support vehicles will have a minimum 4-inch high white number of race vehicle on both sides of vehicle on side windows, on upper passenger-side corner of front windshield and on rear window. Pit support vehicles must have a current M400 pit pass attached to lower passenger side portion of the front windshield.

UTR52 ADVERTISING on VEHICLES
Advertisements may be displayed on vehicles provided they are in good taste and do not interfere with identification marks.

UTR53 RADIO EQUIPMENT
Race vehicle/support vehicle radio equipment and or broad casts may not at anytime interfere with Race Communications.

UTR54 WORKMANSHIP
All construction, modifications and alterations must be performed in a workmanlike manner. Meet all rules and regulations and is subject to M400 approval.

UTR55 TRACKING DEVICE
All vehicles will be mandated to run a GPS tracking/scoring device designated by M400.