



# HYBRID OPEN PRODUCTION

## Open Production Hybrid Truck/SUV

*\* Updated September 7th, 2021 \**

### DEFINITION

Vehicles built from a full sized 2 or 4 wheel drive utility or SUV type vehicle. Vehicle must have been series produced in quantities of at least 5000 units within a 12-month period and be readily available to the general public in the U.S.A. Vehicle must be marketed as full size. Vehicle must be currently produced within the last five(5) model years.

### GENERAL REGULATIONS

Entrants in this class shall comply with all applicable general regulations.

### TECHNICAL REGULATIONS

Manufacturer's body, engine, transmission, differentials, and chassis combinations must be retained. This class is an open class and all components will be considered open unless restricted herein. No predating or postdating of any component allowed unless offered by the manufacture as a direct replacement part.

***NOTE:** The TR abbreviations listed under this class (I.E. TR1 HELMETS) refer to TR cross reference listings in the front of this book. These TR cross-referenced listings are part of the class rules. Where a conflict occurs between the TR cross-referenced listing and a rule contained under this class, the rule contained under this class takes priority.*

## SAFETY EQUIPMENT

**TR1 HELMETS**

**TR2 PROTECTIVE CLOTHING**

**TR3 EYE PROTECTION and DENTURES**

**TR4 HEAD AND NECK RESTRAINTS**

**TR5 FIRST AID KIT**

**TR6 EMERGENCY SIGNALING DEVICES**

**TR7 HORNS**

**TR8 REFLECTORS**

**TR9 FIRE SUPPRESSION EQUIPMENT**

**TR10 SURVIVAL SUPPLIES**

## SUSPENSION COMPONENTS

**TR11 SHOCK ABSORBERS and BUMP STOPS**

**TR12 SECONDARY SUSPENSION**

**TR13 WHEELS and TIRES**

**TR14 FASTENERS**

Fasteners must remain stock material. Any fastener may be upgraded with steel grade 8.

**STEERING and BRAKE COMPONENTS**

**TR15 STEERING**

**TR16 BRAKES**

**ELECTRICAL SYSTEM**

**TR17 ELECTRICAL**

All high power lines must be encased for protection, lines and encasements must be painted red.

**TR18 BATTERIES**

**TR19 LIGHTS**

Stock head and tail lights must be retained in working condition at all times.

Rearward facing amber and blue lights are required.

Any manufacture additional lights may be used.

**FUEL SYSTEM**

**TR21 FUEL**

**TR22 FUEL TANKS**

**TR23 FUEL FILLERS LINES, VENTS, and CAPS**

Fuel cell mandatory.

**ENGINE, TRANSMISSION and DRIVELINES**

**TR24 MOTORS**

**TR25 ENGINE REPLACEMENT**

**TR26 TRANSMISSION**

**DIFFERENTIALS**

**TR29 DRIVE SHAFTS**

**TR30 FLYWHEEL SHIELDS**

**TR31 FLUID COOLERS**

**TR32 AUXILIARY EQUIPMENT**

## **VEHICLE SAFETY EQUIPMENT**

**TR34 ROLL CAGES**  
**TR35 SAFETY HARNESS**  
**TR36 SAFETY NETS**  
**TR37 SEATING**

## **GENERAL VEHICLE COMPONENTS**

**TR38 DRIVERS COMPARTMENT**  
**TR39 DOORS AND LATCHES**  
**TR40 FIREWALLS**  
**TR41 BALLAST**  
**TR42 WEIGHT**  
**TR43 FLOORBOARDS**  
**TR44 BUMPERS and HAZARDOUS PROTRUSIONS**  
Stock bumpers required.  
Bush guards and lights may be attached to bumper.

**TR45 MIRRORS**  
**TR46 SKID PLATES**  
**TR47 STORAGE**  
**TR48 CHASSIS and BODY**

Manufacturer's body chassis combinations must be retained. No predating or updating chassis or bodies.

**TR49 HOSES**  
**TR50 IDENTIFICATION MARKINGS**  
M400 will assign race numbers.

**TR51 ADVERTISING on VEHICLES**  
**TR52 RADIO EQUIPMENT**  
**TR53 WORKMANSHIP**  
**TR54 TRACKING DEVICE**