

# YOUTH 170cc PURE STOCK

**GENERAL REGULATIONS:** Class entrants shall comply with all class and applicable general regulations. **Note:** The SCR abbreviations refer to the cross-reference listings in the front of this book and are part of the class rules. Where a conflict between the cross-referenced listings and a rule contained under this class occurs, the rule contained under this class has precedence.

## YOUTH 170 PRODUCTION UTV CLASS DEFINITION

170cc Pure Stock 5-8 and 9-12 ran together and scored separately, Single Seat, Polaris RZR 170, ACE 150, and RZR 200 are to be built using production UTVs manufactured by registered companies that issue VIN numbers. Companies must produce a minimum of 1000 units of that exact model and configuration before being allowed to participate in this class at any BITD-sanctioned event. 170cc Pure Stock Class - vehicles must remain stock with left-hand drive unless otherwise noted below. In order to qualify for a Series championship, the Driver will need to be age eligible as of the First Event of the Current Season. And will be allowed to race in that age group for the entirety of the year.

- 5-8 Class - Driver must be at least 5 years old & no older than 8 years old from the day of the first Race of the 2024 Series.
- 9-12 Class - Driver must be at least 9 years old & no older than 12 years old on the day of event from the day of the first Race of the 2024 Series.

## SAFETY EQUIPMENT

**SCR1: HELMETS**

**SCR2: PROTECTIVE CLOTHING**

**SCR3: EYE PROTECTION**

**SCR4: HEAD AND NECK RESTRAINTS-**

**SCR9: FIRE EXTINGUISHER**

## SUSPENSION COMPONENTS

**SCR11: SHOCK ABSORBERS & BUMP STOPS**

Class Specific –

Aftermarket shocks – Allowed

Single & Dual A-Arms – Allowed

Shock mounting points may be reinforced

Suspension must be stock configuration and utilize stock mounting points

**SCR12: SECONDARY SUSPENSION**

**SCR13: WHEELS & TIRES**

**SCR14: FASTENERS**

## STEERING & BRAKE COMPONENTS

**SCR15: STEERING**

Class Specific –

Aftermarket steering box/rack - Allowed

Steering quickener- Allowed

**SCR16: BRAKES**

Class Specific –

Aftermarket calipers/ rotors- Allowed

## ELECTRICAL SYSTEM

### SCR17: IGNITION

- Class Specific –
- Factory ECUs are required
- Fuel controllers – Must be used

### SCR18: BATTERIES

### SCR19: LIGHTS

### SCR20: STARTER

## FUEL SYSTEM

### SCR21: FUEL

- Class Specific –
- Fuel octane- Open
- No Methanol, No mixing of fuels. Fuel must remain as manufactured.**

### SCR22: FUEL TANKS

- Class Specific –
- Safety Fuel Cells- Allowed
- Safety fuel cells are suggested
- If using a stock fuel tank, the stock fuel pump must be covered by a minimum .060" aluminum protective cover.

### SCR23: FUEL FILLER, VENTS & CAPS

## ENGINE TRANSMISSION & DRIVELINES

### SCR24: ENGINE LOCATION & DISPLACEMENT

- Class Specific –
- Motors must remain stock, either Polaris RZR 170cc, ACE 150 or RZR 200 engines must be used (Engine must only be used in the vehicle in which it was intended to from the factory).
- Intake filter and intake tube - Open.
- Intake section from the throttle body to the head must remain stock, including the throttle body, injector, gaskets, spacers, and intake manifold.
- Polaris RZR 200 **MUST** remain STOCK OEM.
  - NO modification to the engine.

### SCR25: ENGINE REPLACEMENT or REBUILD

- Class Specific –
- Must be factory stock motor as noted above.
- As delivered by the manufacture

### SCR26: TRANSMISSION

- Class Specific –
- Transmission may be replaced or modified but must remain in stock internal configuration, and dimensions and be Automatic PVT F/N/R.
- Side cover with added bearing and shaft support/gear fix is allowed (i.e. Cognito replacement kit).
- No modification of stock parts is allowed.
  - This includes polishing, coating, shot peening, heat treating, or other modification that can be visually identified.
- The only exception to this rule is Polaris' final ring gear and Polaris's output shaft gear.
  - These 2 parts are open to modification and/or replacement with aftermarket parts.
- Clutch is open but all parts must be commercially available and reasonably priced

### SCR27: THROTTLES

- Class Specific –
- Remain stock as delivered by the manufacture

**SCR28: EXHAUST**

**SCR30: FLYWHEEL SHIELDS**

**SCR31: FLUID COOLERS**

**SCR32: AUXILIARY EQUIPMENT**

**SCR33: SUPERCHARGERS & TURBOCHARGERS-**

Class Specific – No Turbo Allowed

### **VEHICLE SAFETY EQUIPMENT**

**SCR34: ROLLCAGES**

Class Specific –

Stock roll caged area allowed

Aftermarket roll cages are allowed and recommended.

No exotic materials, no titanium or aluminum

**SCR35: SAFETY HARNESS**

**SCR36: SAFETY NETS**

Class Specific –

Max Gap Between Net & Roll Cage tube- **1" MAX**

**SCR37: SEATING**

Class Specific –

Seating and chassis must remain in the factory stock location and configuration.

Passenger seat may be removed.

### **GENERAL VEHICLE COMPONENTS**

**SCR38: DRIVER'S COMPARTMENT**

Class Specific -

Roof Panel is required- .060" aluminum is Acceptable

**SCR39: DOORS & LATCHES**

**SCR40: FIREWALLS**

**SCR41: BALLAST**

**SCR42: WEIGHT**

Class Specific -

575 LBS with Driver

Minimum weight must be within limits at the START and FINISH of each race.

**SCR43: FLOORBOARDS**

**SCR44: BUMPERS**

Class Specific –

All UTV Race Vehicles must have the Rear bumper secured to the Frame

**SCR45: MIRRORS**

Class Specific -

No Mirrors required

**SCR46: SKID PLATES**

Class Specific -

Skid plate may be made of UHMW

**SCR47: STORAGE**

**SCR48: FENDERS**

**SCR49: CHASSIS & BODY**

**SCR50: HOSES**

**SCR51: IDENTIFICATION MARKERS**

Class Specific –

BITD will assign vehicle numbers

Race numbers on both sides of the vehicle & the rear of the vehicle.

1Y – 99Y

Black background with White numbers

Minimum 6" tall

**SCR52: ADVERTISING ON VEHICLES****SCR53: WORKMANSHIP****SCR54: RADIO EQUIPMENT****GENERAL UTV Rules****UTV1: PENALTIES****Class Specific –**

At the discretion of BITD, any UTV race team caught breaking these rules or “cheating” may receive a maximum penalty of disqualification for the race and a 1 race suspension. Best in the Desert has the right to mark, tag, or seal any part of a race UTV. Best in the Desert has the right to confiscate any engine at any time for a class compliance inspection. A fee may be required for the inspection.

**SGP1: PROTESTS****Class Specific –****ENGINE**

- Must provide \$1500.00 Cash and complete a Formal Protest Dispute Form within 30 min of the race finish. BITD reserves the right to extend this period of time.
- Must be filed by the Driver of record entered in the same class.
- If a protest is proven valid, the fee will be returned to the claimer. The race vehicle being protested will be disqualified and the race team will be fined \$5,000.
- If a protest is proven invalid, the fee will be given to the protested party.

**IMPORTANT: All rules are tentative and may be changed or updated as the BITD season progresses in accordance with the UTV classes. Please contact the BITD UTV class Tech Inspector email at [utvtech@bitd.com](mailto:utvtech@bitd.com) with any questions or for more information on these rules. Please check the website for updates throughout the 2024 season.**