

TECHNICAL REQUIREMENTS 2018

SSV (side-by-side) Group

The Board of Sports Commissioners may reject the crew driving vehicle with construction recognized as dangerous by Technical Officers during Technical Inspection.

1. DEFINITION

1.1. Stock side-by-side ATVs with 4x4 or 4x6 wheel formula, produced in quantity of not less than 200 identical copies.

1.2. The responsibility for the proof that the car is stock as a whole and its separate knots and units lies on the contestant. During the technical inspection of the car, it is allowed to compare the parts of ones car with the parts of the manufacturer the ones in its catalogue.

2. LIMITS OF ALLOWED CHANGES

2.1. Any changes not specified in the current requirements are forbidden. |

2.1. Any worn out or damaged part can be replaced with an identical (completely interchangeable with the original) part only.

2.2. All ATVs must be registered by bodies of transport inspection and have an official permission for movement on public roads (have a license plate and a valid vehicle inspection certificate).

3. WHEELS AND TIRES

3.1. Factory-made wheels only are allowed.

3.2. It is not allowed to modify tires tread pattern by cutting them.

3.3. It is allowed to use ATV pneumatic tires only with the following size:

– the outer tire diameter must not exceed 740 mm on a straight line passing through the center of the tire, but not vertical according to the ground (during the measurements one should not consider the natural indenting of the tire);

- the tire width must be not less than 8" and not more than 12,5".

3.4. Measurements are taken on all tires (spare, replaceable, etc.), used throughout the competition.

3.5. Measurements are taken on tires inflated to not less than 4,5 psi.

4. BATTERY

4.1. The battery brand and capacity is not limited. Their number is not limited.

5. LIGHTING EQUIPMENT

5.1. The additional lighting equipment is not limited. Basic lighting equipment (lights, sidelights, direction indicators (but not repeaters), marker lights, brake lights, reversing lights, number plate lighting) must be in working condition during the pre-start Technical Inspection.

6. SAFETY CAGE. PROTECTION

6.1. A standard safety cage must be installed as a minimum.

6.2. It is recommended to cover the safety cage fragments the driver or co-driver can touch with elastic

non-flammable material.

6.3. It is allowed to use any type of protection. The material is not limited.

6.4. It is allowed to use any safety lattice.

7. BUMPER. FRAME

7.1. Bumper design and material are not limited.

7.2. Any factory-made frame modifications are forbidden.

8. WINCH AND ADDITIONAL EQUIPMENT

8.1. ATVs must be equipped with a winch with at least 900 kg traction effort.

8.2. It is allowed to install not more than one winch.

8.3. During movement all additional equipment (winch cable, the cable extension piece, the anti-rust sling, fixing hook, lifting buckles, blocks and cable quencher) should be properly fixed.

9. ADDITIONAL GAS CANS

9.1. It is allowed to install additional factory-made fuel cans produced specially for ATVs and providing a safe fueling with a closed jet.

9.2. The number and capacity of cans is not limited.

9.3. Automobile and other types of cans are forbidden.

10. COOLING SYSTEM

10.1. Radiator replacement or transfer of the standard radiator to another location is allowed.

10.2. Installation of an additional radiator is allowed.

10.3. The following must be taken into consideration when standard radiator and cooling system pipelines are installed in another place: additional protectors must be installed to exclude spilling the cooling liquid on the driver in case of failure or damage.

11. EXHAUST SYSTEM

11.1. It is forbidden to change the exhaust system, the muffler must be original.

11.2. It is allowed to set up an additional outlet elbow on the muffler.

12. FUEL SYSTEM

12.1. It is forbidden to make changes to the fuel system.

12.2. It is forbidden to attach additional cans to the fuel system.

13. MANDATORY SAFETY EQUIPMENT

13.1. The UTV should at least be equipped with three-dot seat belts of factory manufacturing for all crew members. The use of four-dot seat belts is recommended.

13.2. Each ATV should be equipped with additional equipment according to the current section.

13.3. When driving all additional equipment (winch cable, cable extension piece, anti-rust sling, fixing hook, lifting buckles, blocks, cable quencher, first-aid kit, fire extinguisher cylinder and additional equipment) must be fastened securely.

14. CREW MEMBER'S GEAR

14.1. Using helmet is a must. Rider's helmet must meet the following requirements: the crash helmets used at trophy-raid competitions must correspond to the following standards: GOST 22889-90 (Russia), ESE 22-05

(Europe), DOT or Snell (USA).

14.2. Using building helmets, bicycle helmets, tanker's or other soft helmets is not allowed.

14.3. Using special glasses or closed crash helmets of integral type is a must. Using the following protective motocross equipment is mandatory: chest, back, elbows and knees protectors.

14.4. The additional requirements to the equipment: Each crewman must have a complete set of spare warm clothes in a waterproof packing.

15. FIRST AID KIT

16.1. Each ATV must have a special first-aid kit of standard AI-N-2 "Rescuer" and higher. The first aid kit must contain an anti-shock set. Every first aid kit component must not exceed the expiration date and must not have visible signs of package damage. The first aid kit must be easily accessible and packed into a resalable waterproof package.

17. FIRE EXTINGUISHER

17.1. Each ATV must be equipped with factory-made fire containing not less 1 kg of fire extinguishing substance, concentrated in one or two cylinders.

17.2. The use of foamy and aerosol fire extinguisher cylinders is not allowed.

17.3. Fire extinguisher cylinders must be located in easily reachable places. Fire extinguisher fastening must be reliable, but should be easy removable barehanded in case of fire. Fire extinguishers must have an easily readable label containing its weight, fully loaded weight in the equipped condition, weight of an empty cylinder and production date (the date of recharge).

17.4. The additional **MANDATORY** requirement for **ATVs with CVT**: Each competitor riding an ATV with a continuously variable transmission must be equipped with a spare CVT drive belt and tools to replace it.

17. INFORMATION

17.1. A sticker with rider's last name and a starting number must be present on an ATV and clearly visible. The sticker minimum size is 5x15 cm.

17.2. UTVs must be equipped with two stickers containing driver and co-driver last names and a starting number on both vehicle sides. The sticker minimum size is 10x15 cm.