
Part III Technical Rules – Side by side

Version 1 April, 2024. (All elder regulations are not valid). Only the version published on the www.eurotrial.eu website is valid.

These are technical rules and regulations for Eurotrial Championship for 2024 to 2028, and they are closed for this period of time.

In case of severe security risks, apparent errors in the regulation or unsportsmanship caused by a loophole of the rules, changes will be made by Eurotrial committee.

Changes in the regulation is done in red color and underlined, old text that is not valid is with blue text with line through.

Those rules apply together with “Part III Technical rules – common”.

3.9 TRIAL GROUP UTV (SIDE BY SIDE VEHICLES)

3.9.1 General information

Modification of the vehicle is forbidden unless specifically allowed and only the permitted changes are allowed. The car must follow the manufacturer's conditions, like EU regulations or main importer regulations. All accessories and all special equipment, which can be supplied with the vehicle purchase, are allowed if no restrictions are present.

Only diesel or standard petrol is allowed as fuel. Beyond this the following regulations apply:

3.9.2 Frame/body

3.9.2.1 Frame/chassie/wheelbase

Original.

3.9.2.2 Body

Original. Body parts can only be replaced by original body parts or similar in the same material. All body parts must be firmly attached in their original fastening spots with original or similar fastening hardware.

3.9.2.3 Dimension / Vehicle outline

The dimensions must correspond to the manufacturer data, it's not allowed make it smaller.

The outline of the vehicle can be extend (for example using protective elements).

The vehicle outline may not be changed with masking tape or other measures.

3.9.2.4 Window/window frame/mirror

Optional. If a windscreen is used it must consist of laminated glass, Lexan/Polycarbonate or Makralon. Plexiglas is forbidden. Windscreens should not have damages, for safety reasons. Should damage occur the windscreen must be approved by technical control. Mirrors of all kinds are allowed.

3.9.2.5 Body lift

Not allowed.

3.9.2.6 Bumper

Optional.

3.9.2.7 Floor / firewall / transmissiontunnel

Original. It is allowed to use additional protection.

3.9.2.8 Passenger area

Original.

3.9.2.9 Seats

The seats for the driver/codriver must be well secured. Seats must have head restraints that covers at least 2/3 height of the helmet. Codrivers seat must be present. Its allowed to replace the original seats with racing seats with the possibility for 4 point harness.

3.9.2.10 Harness

Harness must at least be of type 4-point belts or so-called suspender belts (y-belts) or more, and they must be well attached to the body and/or rollcage according to harness manufacturer's specifications. Seat belts that are bolted, must be attached using 7/16 UNF or minimum M10 x1.25 fine thread. The harness must be in good condition and may not be modified.

Seat belt mounting points must be independent to the seat mounting points. The fastening of the belt must be in good condition, and must not be damaged by rust. Electric controlled harness is not allowed. The passengers must be buckled at all time in the section during driving or rescue. The belt system used is to be put on according to its regulation and may not be manipulated.

3.9.2.11 Rollcage

A sixpoint rollcage is mandatory. The rollcage must consist of a Basic structure according to 3.2.7.4, backstays, diagonal member 3.2.7.6 and roof reinforcement 3.2.7.7.

Outside rollcage is allowed. See 3.2.7 for more info.

3.9.2.12 Protective netting /Armstraps

Protection nets or armstraps must be used. Net must cover the door/window area so the arm/hand cannot come outside the car. This also applies to armstraps. If arm straps are used they must open together with the harness.

3.9.2.13 Body attachment

Rear seats, spare wheel, spare wheel handle, mirror and mirror handle may be removed.

Original doors must be present. Original doors can be replaced by strong metal doors. Dimensions must correspond to the original.

3.9.2.14 Fluid tubes

Original.

3.9.2.15 Towing eye/hook

There must be either one towing eye or hook in the front and in the back with an inside diameter of at least 50 mm. They must be firmly embodied, easily accessible and have to be painted red, yellow or orange, so that the body of the vehicle contrast with the towing eye/hook.

3.9.2.16 Undershield

Undershield can be fitted to protect engine and gearboxes only, size from inside the frame rail – frame rail and from radiator to end of gearbox, unless original parts fitted.

Differential protection must not have the function of a skid plate, or facilitate of sliding over an obstacle.

3.9.3 Suspension

3.9.3.1 Spring

The type of springs must correspond to its original technical specification.

3.9.3.2 Spring pendants

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3.9.3.3 Shock absorber

Shock absorbers are free of choice, however the number of shock absorbers, the working principle, and the fastening points must remain identical to its original design. Gas-pressure shock absorbers are to be regarded from the work principle as hydraulic shock absorbers.

Adjustable shock absorbers are forbidden.

3.9.3.4 Bump stop

Original.

3.9.3.5 Level control

A serial level control may be inserted while maintaining the original work version.

3.9.3.6 Torsion stick / Stabilizer bar

Stabilizer must be present in original form and function.

3.9.4 Steering

3.9.4.1 Steering

The steering stop screws are optional.

3.9.5 Brake

3.9.5.1 Brake

Original.

Brake tubes and brake hoses must be in original, and well secured in original way. Plastic stripes are not allowed.

3.9.5.2 Parking brake/emergency brake

The parking brake must be maintained in the original, and in good condition. It's allowed to relocate / modify the parking brake handle if it's not reachable with 4/6 point harness. If the vehicle is not originally equipped with a parking brake, this is not needed.

3.9.5.3 Steering brake

Not allowed.

3.9.6 Wheels

3.9.6.1 Tire

The maximum size of tires is 890 mm.

3.9.6.2 Rim

Original.

Spare wheels and/or tires can be removed.

3.9.6.3 Wings

Original.

3.9.7 Engine**3.9.7.1 Engine**

Engine must correspond to its original technical specification.

3.9.7.2 Mixture preparation

If there is a defect with the gas control it must be ensured that the engine goes on idling (e.g.: by a spring at throttle valve shaft).

3.9.7.3 Cooling

Original.

Radiator may not be placed in the passenger area. If the radiator is placed behind the passenger area, it must be covered with protective walls to prevent hot water from reaching driver/codriver at any angle.

3.9.7.4 Fuel tank / fuel pipe

The original tank must be in original place. Protection plates are allowed.

7.4.7.5 Exhaust

Optional. The volume of the exhaust system may reach max. 98+2 decibel (DMSB near field measuring method)

3.9.8 Drivetrain**3.9.8.1 Gearbox**

Gearboxes and gearbox ratio must correspond to original specifications.

Vehicles with automatic gearboxes must be secured so that the engine only can be started in "Neutral" and/or "Park".

3.9.8.2 Axle/axle ratio

Axles and axle ratio must correspond to original dimensions.

3.9.8.3 Diff-lock

According to the manufacturer.

3.9.8.4 Disconnect of axle / drive system

The disengagement of drive axles is not permitted, unless it corresponds to the series.

Remanufacturing to 2WD Low is not permitted.

3.9.9 Electric**3.9.9.1 Battery**

The battery must be securely fastened in its original place.

The positive battery terminal has to be covered to prevent contact to other metal parts.

3.9.9.2 Main circuit breaker

Emergency disconnection with the key in the ignition. It must be clearly marked with triangle to show the on/off position.

3.9.9.3 Lights

It's mandatory to keep the appearance of original headlights and taillights and they must correspond to their original form, meaning that they can be replaced with painted copies made from plastic with identical dimensions as original. It is allowed to replace bumper-mounted front and rear lights with copies made of plastic or painted metal.

3.9.9.4 Electronic support

It is not allowed to use electronic like radios cameras and sensors. If the vehicle is equipped with camera or sensors from the factory, it must be taped over.