**Ford vs Ferrari Rule**

**Body**

* The body cannot be modified in any way.
* The stock plastic cockpits and glass are mandatory
* Lexan cockpits or glass are prohibited.
* Body must start every heat with radiators, windows, and wings in their correct location.  If any of these items fall off during a heat they must be repaired before the next heat starts.
* Antennas, mirrors, wipers, and tow hooks are not required and do not have to be replaced if they come off.
* White kits are allowed but must be painted, or uniquely decaled with at least one coat of paint.  At least two numbers must be visible.
* Body screws open choice.  These can be taped to prevent loss. Any car that loses a screw and causes an issue with a competitor’s car will have a 5 lap penalty applied.

**Chassis**

* No modifications to the chassis are allowed.
* Chassis must be Slot.It or Policar that is intended for the body.
* Motor pod cut-outs can be removed.
* Flashing on the chassis may be removed to allow better floating of the body. The gap between the chassis and the body cannot be greater than the thickness of a credit card.
* Front axle lower adjustment caps are optional.
* Modification to the upper axle loops is prohibited.
* Front axle height adjusting grub screws are open choice.
* Magnets of any type are prohibited.
* Ballast is allowed but must be above the chassis pan. A 5-lap penalty will be imposed if ballast falls onto the track and causes an issue with a competitor’s car.

**Guide**

* Slot.it guides are mandatory. *The Slot.it SICH-07 deep wood screw guide highly recommended*.
* Pick-up braids are open choice.
* Guide spacers are open choice

**Set Up**

* Wheel/tire must not be visible outside wheel-well/fender when viewed from above.
* The static weight of the car cannot exceed 120 grams.
* Magnetic downforce cannot exceed 30 grams.

**Motor**

* Slot.it V12/4 23K motors are mandatory. The older version of this motor has a dark orange end while the newer motors have a white end.
* The small circuit board on top of the motor can be removed.
* Any modifications to the motor are strictly prohibited.
* Lead wires and lead wire guide terminals are open choice.

**Motor Pod**

* Slot.it sidewinder motor orientation is mandatory.
* The motor pod is prohibited from protruding below the chassis.
* Flashing may be removed from the motor pod to allow better float. Excessive removal of material determined by the scrutineer.
* Motor can be held in place with screws. Screws are open choice.
* Motors cannot be held in with tape or glue.
* Slot.it stop/axle collars are allowed.
* Spacers/washers are open choice.
* Slot.it CH14 or CH56b spherical bushings are mandatory.
* Pod screws are open choice.
* Tape may be used to prevent the pod screws from falling out.
* Tape over the motor pod to limit pod movement is not allowed.
* Slot.it suspension kits are not allowed.

**Gears**

* Slot.it sidewinder crown gears and pinions are mandatory.
* Gear ratio is open.
* Modifications to crown gears or pinions are prohibited.

**Wheels**

* Slot.it/Policar wheels are mandatory.
  + Rear wheels –
    - Diameter - Only 15.8mm
    - Width – Only 8.2mm
    - Material – Aluminum, magnesium or stock plastic
  + Front wheels – only 15.8mm wheels are allowed.
    - Diameter – Only 15.8mm
    - Width – Only 8.2mm
    - Material - Plastic, aluminum, or magnesium
* Slot.it Ford GT40 wheel inserts are mandatory for the GT40 and Policar Ferrari wheel inserts are mandatory for the Ferrari 412Ps.
* Any modifications to the wheels are prohibited.

**Axles**

* Only Slot.it solid axles are allowed.
* Any modifications to axles are prohibited.
* Slot.it independent front axle kit is not allowed.
* Axle spacers and axle stops are allowed.

**Tires**

* Front tires must be Slot.it tires.
* Front tires must be 10mm wide.
* Rear tires may be any 10mm width Slot.it tire or any 10mm width NSR Supergrip or Ultragrip tires.
* Tires may be glued to the wheels, trued, and have their edges rounded.
* Traction compounds are prohibited.
* Varnishing the front tires to make them slick is not allowed.
* *Zero-Grip (front) tires are highly recommended.*

**Track Power:    12 volts**

If it is not mentioned it is not legal.  These rules were written to create a fair event and not for racers to look for loopholes.