



## **“Supersport 300 Eligible machines, componentry and balancing rules” (at 08/01/2025)**

These rules are:

- 1) To be read in conjunction with Appendix I. Appendix I capacity and homologation requirements do not convey entry to the class:
  - a. The make, model year of the machine must be noted below for it to be eligible
  - b. The current balancing rules must be applied to the time of competition.
  - c. Unless specified in Appendix I, or below no other modifications are allowed.
- 2) Specific to each model specified and can be amended with Road Race Commissioner Approval at any time through the year to ensure continued parity of machinery within the class.

### **Eligible Machines and Performance balancing modifications allowed.**

#### **Husqvarna Vitpilen 2020-2022**

The following items may be used or changed as outlined.

Model specific ‘plug and play’ engine controllers to modify fuelling and ignition timing.

Ignition, Engine Control Module/Unit (ICM, ECU, ECM) and wiring loom must remain standard.

Internal maps or limits are free to change by means of reflashing. Fuelling may also be modified by this method.

The following items must remain stock and unmodified.

Exhaust: Slip on or bolt on muffler only, original header pipe from the 2014-2021 model, or the 2022 onwards model must be used. All exhaust components after the header pipe including links, catalytic converter, pre-muffler and muffler may be replaced.

#### **Kawasaki EX300 Ninja 2013-2018.**

The following items may be used or changed as outlined.

Airfilter: The OEM airfilter element can be replaced with an aftermarket air filter element.

Exhaust: The complete OEM exhaust can be replaced with a full aftermarket exhaust.

Model specific ‘plug and play’ engine controllers to modify fuelling and ignition timing.

Ignition, Engine Control Module/Unit (ICM, ECU, ECM) and wiring loom must remain standard.

Internal maps or limits are free to change by means of reflashing. Fuelling may also be modified by this method.

Snorkel 14073A on the Kawasaki parts list can be removed.

### **Kawasaki EX400 Ninja 2018-2022.**

The following items may be used or changed as outlined.

The following item(s) must be used.

MNZ Supplied airbox intake snorkel restrictors must be fitted to both intake snorkels and cannot be modified.

- I. Internal dia 13.5mm . These must be the MNZ supplied item – no other restrictors are to be used.

Engine Control Module/Unit (ICM, ECU, ECM) and wiring loom must remain standard. Internal maps or limits are to remain as per supplied by the manufacturer.

Exhaust: Rear muffler only can be changed. Original “Manifold comp-exhaust” as shown on the Kawasaki parts diagrams (including headers, catalytic converter and mid pipe) must be retained and used. The catalytic converter can be wrapped with heat resistant material to protect bodywork. Only exhaust components after the Manifold comp-exhaust may be replaced.

### **KTM RC390**

#### **2014-2021**

The following items may be used or changed as outlined.

Model specific ‘plug and play’ engine controllers to modify fuelling and ignition timing.

Ignition, Engine Control Module/Unit (ICM, ECU, ECM) and wiring loom must remain standard. Internal maps or limits are free to change by means of reflashing. Fuelling may also be modified by this method.

The following items must remain stock and unmodified:

Exhaust: Slip on or bolt on muffler only, original header pipe must be used. All exhaust components after the header pipe including links, catalytic converter, pre-muffler and muffler may be replaced.

#### **KTM RC390 2022-**

The following items may be used or changed as outlined.

Model specific ‘plug and play’ engine controllers to modify fuelling and ignition timing.

Ignition, Engine Control Module/Unit (ICM, ECU, ECM) and wiring loom must remain standard.

Internal maps or limits are free to change by means of reflashing. Fuelling may also be modified by this method.

The following items must remain stock and unmodified.

Exhaust: Slip on or bolt on muffler only, original header pipe from the 2014-2021 model, or the 2022 onwards model must be used. All exhaust components after the header pipe including links, catalytic converter, pre-muffler and muffler may be replaced.

## Yamaha

### YZF-R3 2015-2022

The following items may be used or changed as outlined.

Exhaust: The complete OEM exhaust can be replaced with a full aftermarket exhaust.

Model specific 'plug and play' engine controllers to modify fuelling and ignition timing.

Ignition, Engine Control Module/Unit (ICM, ECU, ECM) and wiring loom must remain standard. Internal maps or limits are free to change by means of reflashing. Fuelling may also be modified by this method

Airbox and Airfilter:

- Intake duct (Aka snorkel) OEM Yamaha part number BR5-E4437-00 or 1WD-E4437-00 can be removed
- **OEM Yamaha part "Funnel Air" 2MS-E4469-00 (the long funnel) and Yamaha part " Funnel 2 " 2MS-E446C-00 (short funnel) can be freely changed with any after-market velocity stacks.**
- Airfilter: The OEM airfilter element can be replaced with an aftermarket air filter element.
- Airbox airfilter covers (aka Cap, Cleaner Case 1 & 2 OEM Yamaha parts 1WD -E4422-00 & 2MS—E4412-00). The adjacent flat areas of these covers to the left and right of the airfilter only may be relieved to allow airflow as per photos. The underlying strengthening ribs and airfilter hold down tab must be retained and actively hold the filter down. No other material may be removed from these covers adjacent to the intake funnels or to the main airbox body.

### MT03 2016-2021

The following items may be used or changed as outlined.

Exhaust: The complete OEM exhaust can be replaced with a full aftermarket exhaust.

Model specific 'plug and play' engine controllers to modify fuelling and ignition timing.

Ignition, Engine Control Module/Unit (ICM, ECU, ECM) and wiring loom must remain standard. Internal maps or limits are free to change by means of reflashing. Fuelling may also be modified by this method

Airbox and Airfilter:

- Intake duct (Aka snorkel) OEM Yamaha part number BR5-E4437-00 or 1WD-E4437-00 can be removed
- **OEM Yamaha part "Funnel Air" 2MS-E4469-00 (the long funnel) and Yamaha part " Funnel 2 " 2MS-E446C-00 (short funnel) can be freely changed with any after-market velocity stacks.**
- Airfilter: The OEM airfilter element can be replaced with an aftermarket air filter element.
- Airbox airfilter covers (aka Cap, Cleaner Case 1 & 2 OEM Yamaha parts 1WD -E4422-00 & 2MS—E4412-00). The adjacent flat areas of these covers to the left and right of the airfilter only may be relieved to allow airflow as per photos. The underlying strengthening ribs and airfilter hold down tab must be retained and actively hold the filter down. No other material

may be removed from these covers adjacent to the intake funnels or to the main airbox body.

Left side air box Cover (Yamaha MT03 and YZF-R3 2015 onwards)



Right side airbox cover (Yamaha MT03 and YZF-R3 2015 onwards)

