

Pro Twin eligible machines, componentry and balancing rules as of 29/11/2024

These rules are:

- 1.0 To be read in conjunction with Appendix E. Appendix E 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 E, or below no other modifications are allowed.
- 2.0 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.

3.0 Suzuki SV650 all years

The following items may be used or changed as outlined.

- 3.1 Engine cam wheels may be slotted to alter valve timing.
- 3.2 Conrod bolts or complete conrods can be changed with after-market items
- 3.3 FRONT FORKS Externally the front forks must remain standard (as per the VIN and the bikes homologation). Top caps and external damping adjusters must be completely standard. Dust seal wipers must remain fitted. Replacement inner tubes must have the same surface coating type and colour as standard. Spring spacers and washers may be changed from the OEM items. Springs, free to change. Emulators or any proprietary Emulator type devices for use with the damper rods may be fitted. Damper Compression Holes may be drilled over size. Replacement with aftermarket cartridges is prohibited. Spring spacers and washers may be changed.

4.0 Yamaha MT07 655cc all years

The following items may be used or changed as outlined.

- 4.1 Engine cam wheels may be slotted to alter valve timing.
- 4.2 Can modify (derestrict) the rubber air funnels between the airbox and the throttle bodies from 31mm to a maximum of 41mm. These tubes must remain in place and fitted to the throttle bodies.
- 4.3 Airbox is free to change or modify
- 4.4 Air filter is free to change or remove
- 4.5 Throttle bodies must remain as standard. Assisted air induction or ram air systems and devices are not allowed.
- 4.6 FRONT FORKS Externally the front forks must remain standard (as per the VIN and the bikes homologation). Top caps and external damping adjusters must be completely standard. Dust seal wipers must remain fitted. Replacement inner tubes must have the same surface coating type and colour as standard. Spring spacers and washers may be changed from the OEM items. Springs, free to change. Emulators or any proprietary Emulator type devices for use with the damper rods may be fitted. Damper Compression Holes may be drilled over size. Replacement with aftermarket cartridges is prohibited. Spring spacers and washers may be change.

5.0 Yamaha MT07 689cc (HO) all years

The following items may be used or changed as outlined.

- 5.1 FRONT FORKS Externally the front forks must remain standard (as per the VIN and the bikes homologation). Top caps and external damping adjusters must be completely standard. Dust seal wipers must remain fitted. Replacement inner tubes must have the same surface coating type and colour as standard. Spring spacers and washers may be changed from the OEM items. Springs, free to change. Emulators or any proprietary Emulator type devices for use with the damper rods may be fitted. Damper Compression Holes may be drilled over size. Replacement with aftermarket cartridges is prohibited. Spring spacers and washers may be changed

6.0 Yamaha R7 655cc all years

The following items may be used or changed as outlined.

- 6.1 Engine cam wheels may be slotted to alter valve timing.
- 6.2 Can modify (derestrict) the rubber air funnels between the airbox and the throttle bodies from 31mm to a maximum of 41mm. These tubes must remain in place and fitted to the throttle bodies.
- 6.3 Airbox is free to change or remove
- 6.4 Air filter is free to change or remove
- 6.5 Throttle bodies must remain as standard. Assisted air induction or ram air systems and devices are not allowed.
- 6.6 FRONT FORKS: The following are free to change:
- Oil type and viscosity
 - Oil levels/air gap
 - Spring rates
 - Spring preload spacers or washers
 - Fork cartridge bottoming cones and the corresponding bottoming cups may be freely modified and or removed from the cartridge rods.
- ALL other front suspension parts must remain standard.

7.0 Yamaha R7 689cc (HO) all years

The following items may be used or changed as outlined.

- 7.1 FRONT FORKS: The following are free to change:
- Oil type and viscosity
 - Oil levels/air gap
 - Spring rates
 - Spring preload spacers or washers
 - Fork cartridge bottoming cones and the corresponding bottoming cups may be freely modified and or removed from the cartridge rods.
- ALL other front suspension parts must remain standard.

8.0 Kawasaki ER6 all years

The following items may be used or changed as outlined.

- 8.1 Engine cam wheels may be slotted to alter valve timing.
- 8.2 Conrod bolts or complete conrods can be changed with after-market items
- 8.3 FRONT FORKS Externally the front forks must remain standard (as per the VIN and the bikes homologation). Top caps and external damping adjusters must be completely standard. Dust seal wipers must remain fitted. Replacement inner tubes must have the same surface coating type and colour as standard. Spring spacers and washers may be changed from the OEM items. Springs, free to change. Emulators or any proprietary Emulator type devices for use with the damper rods may be fitted. Damper Compression Holes may be drilled over size. Replacement with aftermarket cartridges is prohibited. Spring spacers and washers may be changed.

9.0 Kawasaki 650 Ninja all years

The following items may be used or changed as outlined.

- 9.1 Engine cam wheels may be slotted to alter valve timing.
- 9.2 Conrod bolts or complete conrods can be changed with after-market items
- 9.3 FRONT FORKS Externally the front forks must remain standard (as per the VIN and the bikes homologation). Top caps and external damping adjusters must be completely standard. Dust seal wipers must remain fitted. Replacement inner tubes must have the same surface coating type and colour as standard. Spring spacers and washers may be changed from the OEM items. Springs, free to change. Emulators or any proprietary Emulator type devices for use with the damper rods may be fitted. Damper Compression Holes may be drilled over size. Replacement with aftermarket cartridges is prohibited. Spring spacers and washers may be changed.

10.0 Hyosung 650 all years

The following items may be used or changed as outlined.

- 10.1 Engine cam wheels may be slotted to alter valve timing.
- 10.2 Conrod bolts or complete conrods can be changed with after-market items
- 10.3 FRONT FORKS Externally the front forks must remain standard (as per the VIN and the bikes homologation). Top caps and external damping adjusters must be completely standard. Dust seal wipers must remain fitted. Replacement inner tubes must have the same surface coating type and colour as standard. Spring spacers and washers may be changed from the OEM items. Springs, free to change. Emulators or any proprietary Emulator type devices for use with the damper rods may be fitted. Damper Compression Holes may be drilled over size. Replacement with aftermarket cartridges is prohibited. Spring spacers and washers may be changed.