

GLOBAL Rotax MAX Challenge Technical Regulation 2022

Bulletin no.: 02

Valid as of: 2022 03 16

Addendum/changes (highlighted in yellow) to Global RMC Technical Regulation 2022, Edition 2021 10 12

4. Engine modifications, repairs and additions

4.1. Modifications

Neither the engine nor any of its ancillaries may be modified in any way. "Modified" is defined as any change in form, content or function that represents a condition of difference from that originally designed. This is to include the addition and/or omission of parts and/or material from the engine package assembly unless specifically allowed within these rules. The adjustment of elements specifically designed for that purpose shall not be classified as modifications, i.e. carburettor and exhaust valve adjustment screws.

The repair of a thread on the crankcase (maximum of three threaded holes per crankcase) using a "heli-coil" or similar is allowed.
Exception: The threads located under the crankcase to fix the crankcase on the engine mount may be repaired as needed.

The repair of a thread on the cylinder (maximum of three threaded holes per cylinder) using a "heli-coil" or similar is allowed.

Genuine ROTAX components only that are specifically designed and supplied for the 125 Micro MAX, 125 Mini MAX, 125 Junior MAX, the 125 Senior MAX and the 125 MAX DD2 engine are legal, unless otherwise specified.

ANYTHING WHICH IS NOT EXPRESSLY ALLOWED IN THE TECHNICAL REGULATIONS IS FORBIDDEN.

4.2. Internal additions

No additional material may be added except in the case of engine repairs and shall only restore the engine or components to original specifications.
The use of thermal barrier coatings/ceramic coatings on or in the engine and on or in the exhaust system is prohibited.
The use of anti-friction coatings in or on the engine/engine components is prohibited.

REGULATION

Example of allowed repairs (but not limited to)

Example 1, Damaged Cylinder due to freezing.

It is allowed to repair the cracked cylinder by welding.
It would also be allowed to dress / finish the area marked red to restore the part to the original specification.

It would not be allowed to dress / finish areas not effected by damage.



Example 2, Exhaust valve flange area repair.

Exhaust valve flange area (marked red) is damaged through contact wear with the exhaust valve.

It would be permitted to repair the red marked area only.

To dress or finish the area which was repaired in the red area would be allowed to ensure the engine is restored to its original specification.

Removal of additional as supplied material from the surrounding areas is strictly forbidden.



6.18. 125 Mini MAX:

125 Mini MAX Perforated tube

ROTAX Part number 273211

The measurements in the diagram below are as follows:

- (a) at least 484 mm note: measurement removed until further notice
- (b) minimum outside diameter of 61 mm
- (c) maximum outside diameter of 26 mm
- (d) at least 63 mm

