

Micro Max Cadet UK From Engine Number 8626234

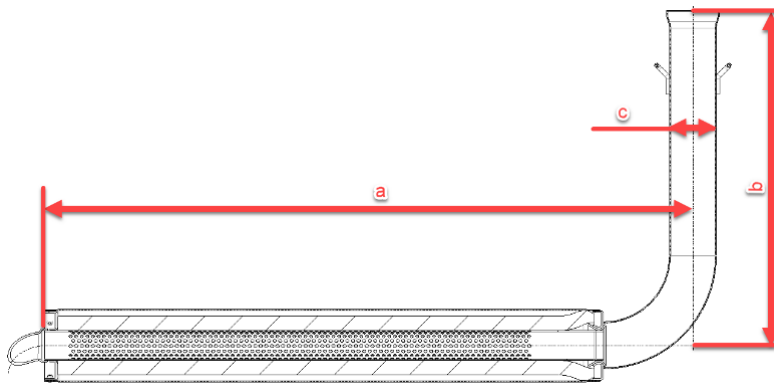
A specific Exhaust system has to be used for the 125 Micro MAX Cadet UK engine.
ROTAX Part number 273136

The Exhaust external body is a common component to Rotax Mini Intermediate but with alternative internal components (Inserts).

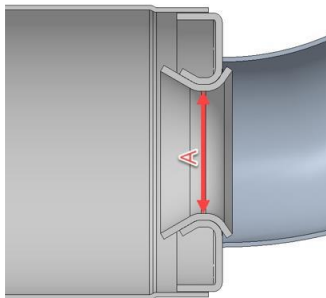
The silencer must be mounted in a position where the direction of the 90° elbow outlet (direction of the hot exhaust gasses) does not harm any component of the chassis.

The measurements in the diagram below are as follows:

- (a) 580 mm +/- 5mm
- (b) 299 mm +/- 5mm
- (c) 42 mm +/- 3mm



A steel ball with a 28.0mm diameter **must not** pass through Section "A" and a steel ball with a 26.0mm diameter must be able pass through Section "A" in the below diagram from the inlet and through the 90-degree elbow completely.
(Internal exhaust components must first be removed)



The inner measurement of the exhaust system silencer end (a) in the below diagram must be a maximum of 63.0 mm.

The Exhaust must be installed firmly to the chassis using a rigid mount/s.

The Exhaust must be mounted to the rigid mount/s using 2 ROTAX silent blocks. (part 660920 and or 260657 allowed).

The deflection of the 2 silent blocks is the only Exhaust movement allowed.

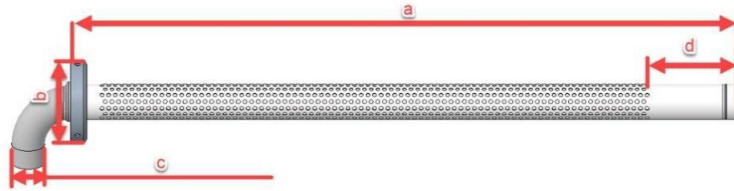
The Exhaust must be mounted in a neutral position with no stress on the 2 silent blocks.

125 Micro Cadet UK Perforated tube

ROTAX part number: 273212

The measurements in the diagram below are as follows:

- (a) at least 498 mm
- (b) minimum outside diameter of 61mm
- (c) maximum outside diameter of 26mm
- (d) minimum length 63mm



The measurements in the diagram below are as follows:

- (a) minimum outside diameter of 26.0mm



The only legal Isolation matting for 125 Micro Cadet UK is:

ROTAX part number 297982

New size minimum 480 x 270mm (+/-10mm)

New weight 207gr (176g – 238g)

Used weight minimum 140g

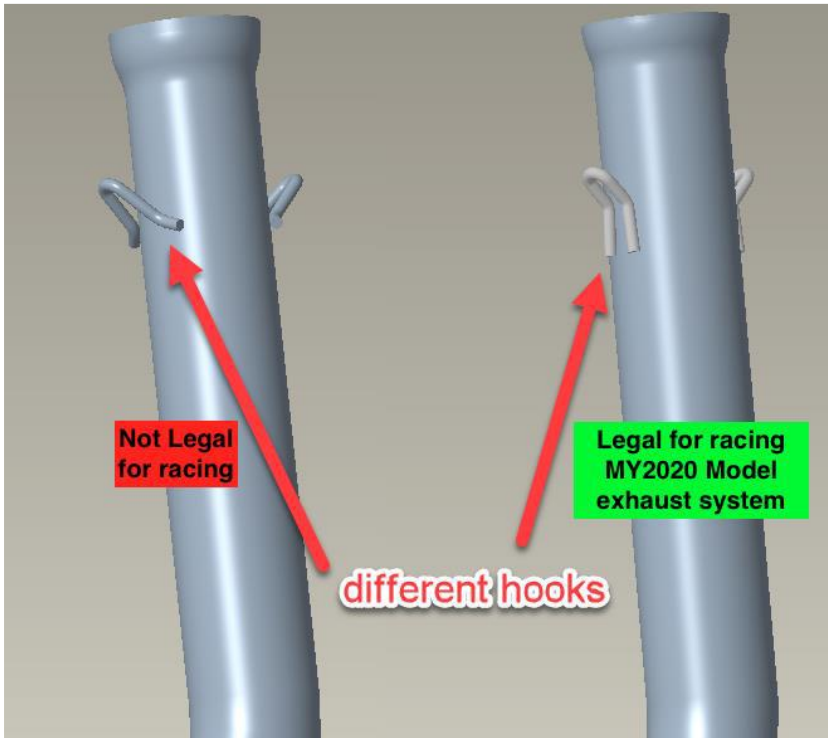
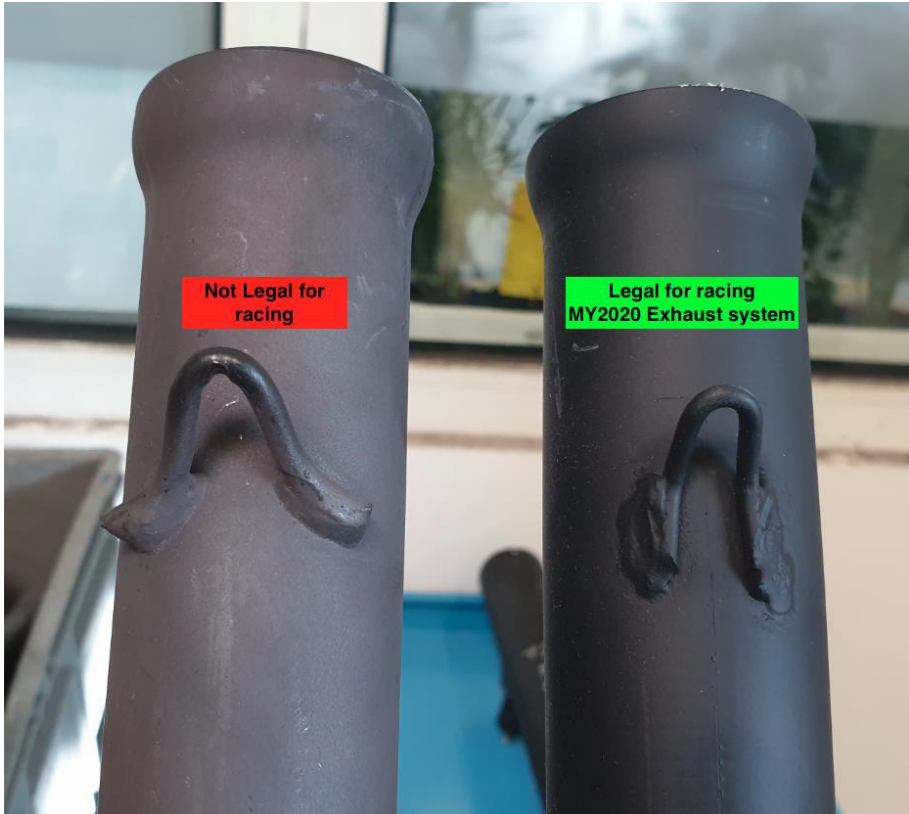
Used weight maximum 350g

NOTE:

The only exhaust system allowed for racing in the 125 Micro Cadet UK and Rotax Intermediate category's is the MY2020 version.

The exhaust has 3 clear visual differences to identify the MY2020 version.

1. Exhaust hooks
2. Connecting socket / ball joint connect at manifold
3. Wall thickness of the exhaust system is 1.0mm (older exhaust system which is not allowed for racing has a wall thickness of 1.5mm)



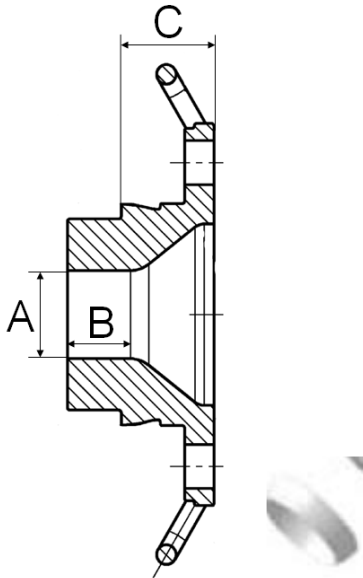
Micro Max Cadet UK Exhaust Socket Restrictor

Just exhaust sockets with gasket ring are legal to be used. Diameter (A) must apply for a length (B) of at least 12 mm. Maximum inner diameter (A) of exhaust sockets are:

125 Micro MAX Cadet UK: 18,30 mm (Rotax part no. 273 192)

The measurement (C) must be at least 18,5 mm.

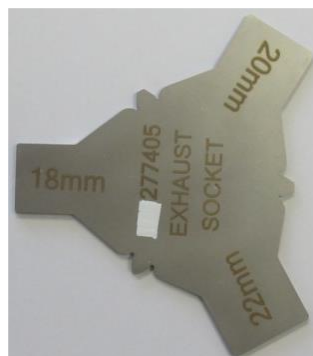
Just exhaust sockets with gasket ring 450360 are legal to be used



The internal profile of the exhaust socket has to be checked with the template,

Rotax 277 405.

Fit the template (**125 Micro MAX Cadet UK "18 mm"**,) as far as possible into the exhaust socket (without gasket, carbon deposits removed). There has to be a constant crack light between the profile of the exhaust socket and the profile of the template.



Inlet throttle restrictor must be in place at all times. Restrictor must be as supplied by J.A.G. and comply with the official fiche, no modifications allowed. The length of the inlet throttle restrictor must be 38mm minimum. Part number 251730, this restrictor must be used with a 5mm washer and the fixation plate Part number 251790.

125 Micro MAX Cadet UK

The throttle body restrictor must be installed in the rear of the carburettor and in the correct orientation at all times.

ROTAX part number: 267536

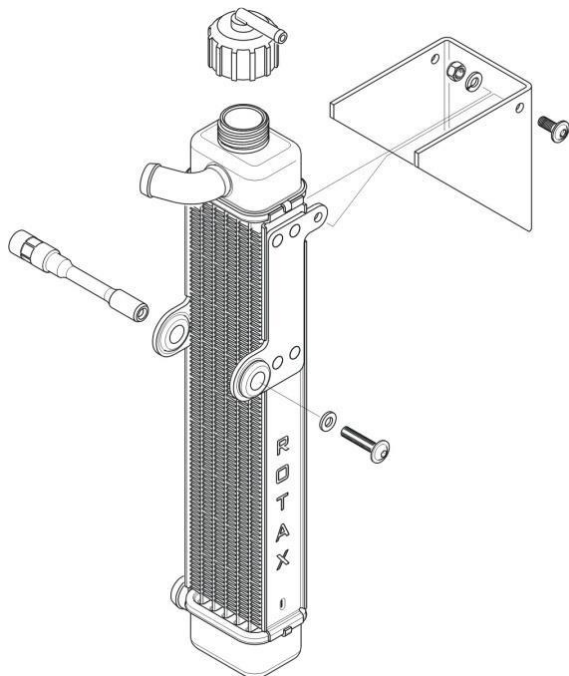
No modifications are allowed, the ribbed surface on the inlet is to help ensure dimensions have not been modified.

Radiator Part no; 295923

The removal of the thermostat from the cylinder head cover is an allowed modification. Radiator must be mounted with all components as shown in the respective illustration. To apply tape around the radiator is an allowed modification to control the air flow through the radiator. Tape may not be removed from the radiator during operation on the track. Any other non-original device to control the air flow through the radiator is prohibited.

125 Micro MAX Cadet UK and Rotax Intermediate

Cooling area: Height: 280 – 300 mm Width: 58 – 62 mm Thickness of radiator: 30 – 34 mm
To remove the original flap is an allowed modification.



Squish gap

125 Micro MAX Cadet UK minimum = 2,40 mm

The squish gap must be measured with a certified slide gauge and by using a 3 mm tin wire (Rotax 580132).

To achieve the defined minimum squish gap one spacer (Rotax 626420, with same shape as cylinder base gasket) in combination with at least two cylinder base gaskets (one below the spacer and one above the spacer) must be used

Gearing: FREE

Jet Range: free

ECU: 666815

ALL PARTS INTERNALLY AND EXTERNALLY MUST BE CURRENT ROTAX EVO

Fuel filter part number 274161 is mandatory