

**FUN:BIKES**

**LET THE FUN BEGIN**

## **Service And Maintenance Guide for the M2R RF160**

This is a simple guide, intended for Funbikes Customers who have purchased the RF160 pit bike, It contains instructional steps on how to service and maintain this bike, and includes images to aid you in the process.



# Service And Maintenance Guide for the M2R RF160

This guide explains how to service and maintain this bike.

**What product does this guide apply to?**

- M2R Racing RF160 160cc 14/12  
82cm Pit Bike
- M2R Racing RF160 160cc 17/14  
86cm Dirt Bike



# Introduction

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These vehicles are a motorised and will therefore require regular maintenance, if you follow this guide it will help you to have trouble free running. The better you look after the bike the better it will look after you!

Your FunBikes RF will require regular services. We recommend that you carry out a full nut and bolt check on the bike before each and every use. This will help to maintain your bike for optimum riding pleasure.

When you are servicing your bike work around in a methodical manor. Don't jump from one part to another or you could well miss bolts. As well as tightening all the bolts on the bike you will also need to inspect parts for wear and damage.

## Step 1

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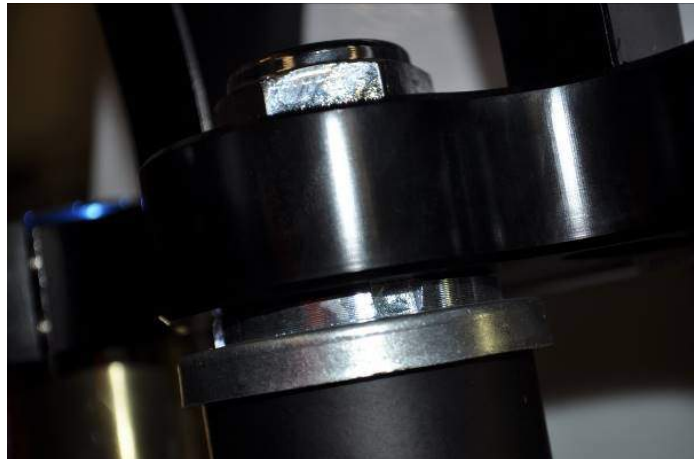
Make sure your forks are level at the top of the yokes, then make sure your yokes are tight around the fork legs.



## Step 2

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Check your head set has no play in it tighten if required. Don't over tighten this as you could crush the head set bearings, or make the steering hard to turn.



## Step 3

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Check your bars are at the correct angle and tighten the bolts.



## Step 4

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Make sure your handle bar clamps are tight.



## Step 5

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Check your brake and clutch levers are at the correct angle and tight. Inspect your clutch cable for corrosion and fraying if either are present replace.



## Step 6

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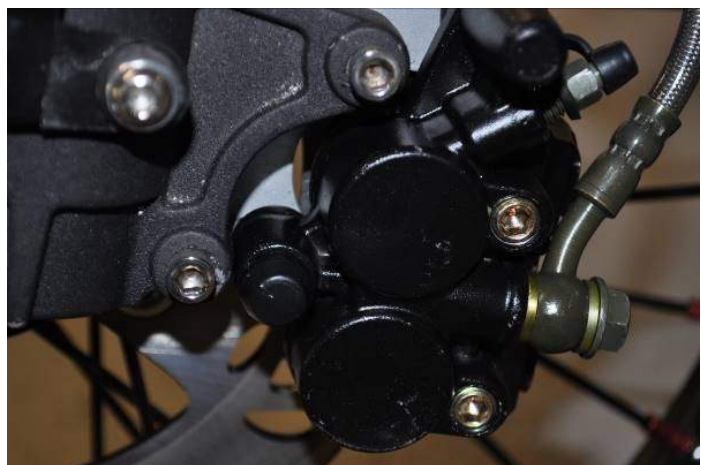
Check your front brake fluid level and condition. It needs to be at least 3/4 of the way up the sight glass on your master cylinder. If it is black or discoloured replace and bleed the brakes



## Step 7

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Check your front brake caliper is tight and secure, at the same time inspect your brake pads for wear. If they are badly worn replace.



## Step 8

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Check the tension of the spokes in your front wheel, if you find loose spokes tighten them.



## Step 9

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Check the tightness of your front wheel, make sure it spins freely do not over tighten as you could damage the bearings.



## Step 10

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Check your front brake disc is tight.



## Step 11

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Tighten your exhaust manifold bolts.



## Step 12

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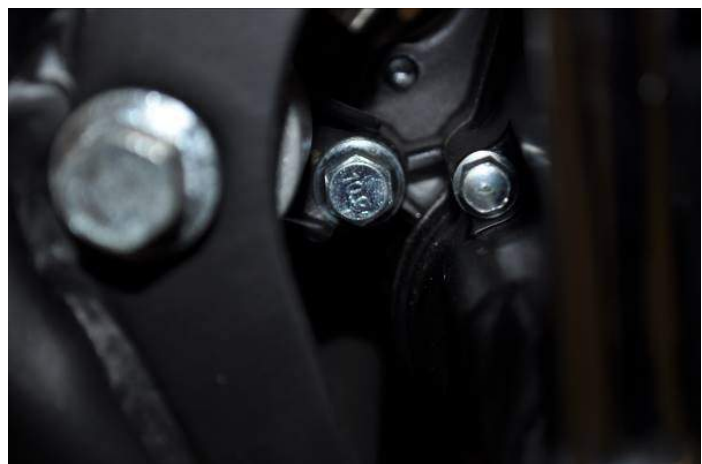
Tighten your heat shield.



## Step 13

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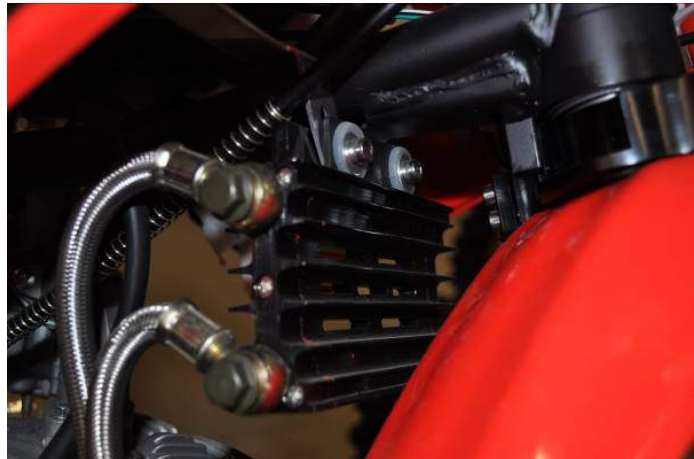
Check all your engine mount bolts.



## Step 14

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Make sure your oil cooler is secure.



## Step 15

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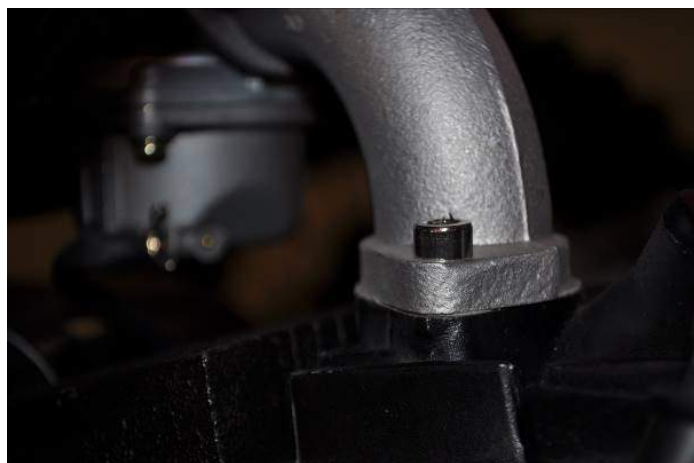
Clean your air filter with air filter cleaner or neat petrol. Make sure it's fully dry before refitting, check for damage and replace as needed.



## Step 16

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Check your carburettor and manifold bolts are tight.

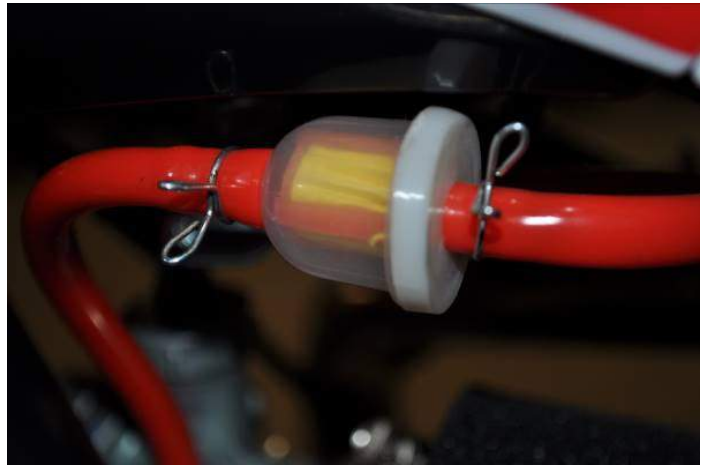




## Step 17

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Check your inline fuel filter for a build-up of deposits, if there is a build-up of deposits replace.



## Step 18

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Make sure your coil is secure.



## Step 19

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Check your stand and gear lever are tight.



## Step 20

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Make sure all the bolts that secure your foot pegs are tight.



## Step 21

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Make sure your bash guard is tight.



## Step 22

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Tighten all the bolts that secure your plastics, fuel tank and seat.



## Step 23

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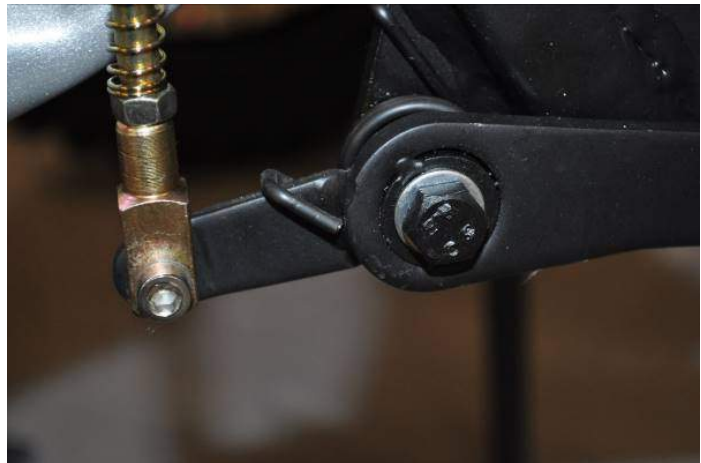
Check your rear brake master cylinder is tight and secure, check your fluid level and colour if it has become discoloured or black re- place.



## Step 24

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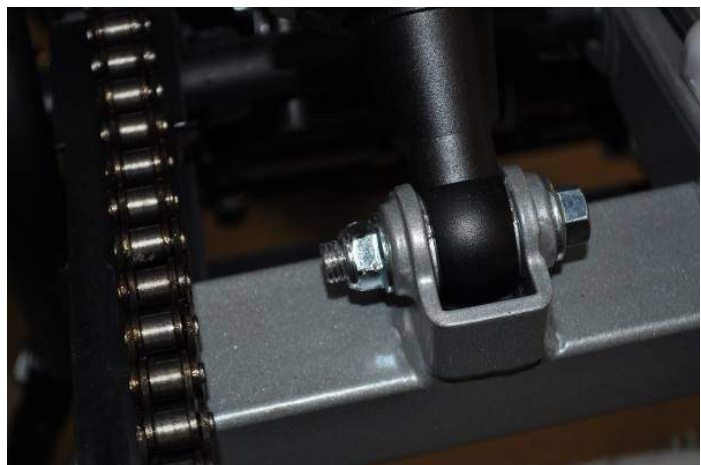
Make sure your rear brake pedal is operating smoothly and is secure.



## Step 25

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Check your upper and lower shock bolts are tight and secure.



## Step 26

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Check your swing arm is tight.



## Step 27

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Inspect your rear tyre for wear and perishing, replace as needed.



## Step 28

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Make sure your rear wheels spokes are all tight.



## Step 29

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Check your rear sprocket for tightness and wear, replace as needed.



## Step 30

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Inspect your chain for damage and check your chain tension adjust accordingly.



## Step 31

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Check your chain guide is secure.



## Step 32

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Make sure your rear brake is secure and inspect the pads for wear, replace if needed.



## Step 33

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Make sure your rear brake disc is tight.



## Step 34

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Tighten your rear wheel making sure you do not over tighten as you could crush the bearings.



## Step 35

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Make sure your rear sub frame is tight.



## Step 36

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Make sure your exhaust end can is secure.



## Step 37

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We recommend you change the engine oil every 40 hours of use. Warm the bike up then turn it off before removing the sump plug. Once all your oil has drained from the bike. Replace your sump bolt and refill the bike with 800ml of 10W 40 four stroke oil. At the same time we recommend you fit a new plug and air filter.



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**If you require more assistance, please feel  
free to contact us:**

**Telephone- 01664 498 642**

**Email- [tech@funbikes.co.uk](mailto:tech@funbikes.co.uk)**

