

FUN:BIKES

LET THE FUN BEGIN

Service And Maintenance Guide for the M2R RF140

This is a simple guide, intended for Funbikes Customers who have purchased the RF140, It contains instructional steps on how to service and maintain these bikes, and includes images to aid you in the process.



Service And Maintenance Guide for the M2R RF140

This guide explains how to service and maintain these bikes.

What product does this guide apply to?

- M2R Racing RF140 140cc 17/14 86cm Dirt Bike
- M2R Racing RF140 140cc 14/12 82cm Pit Bike



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Introduction

These vehicles are 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 you could miss bolts. As well as tightening all the bolts on the bike you will also need to inspect parts for wear and damage.

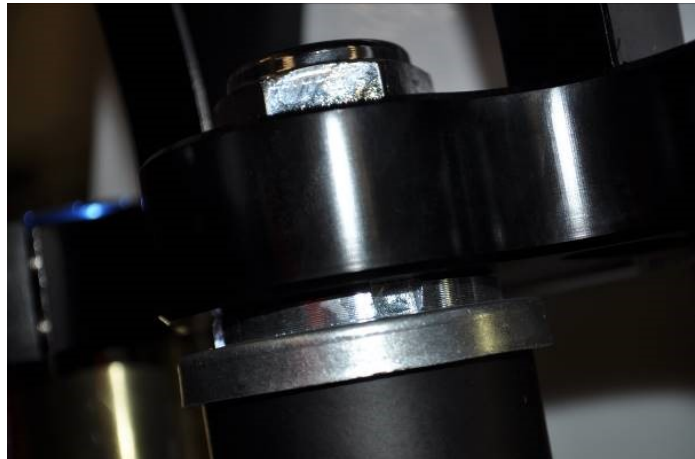
Step 1

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

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

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



Step 4

Make sure your handle bar clamps are tight.



Step 5

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.



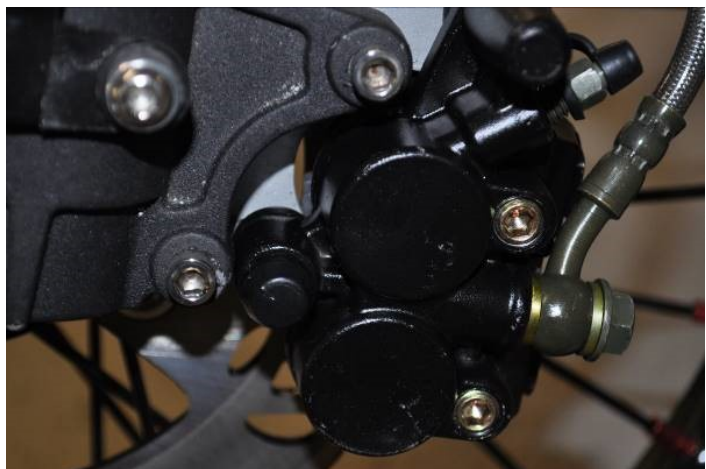
Step 6

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

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

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



Step 9

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



Step 10

Check your front brake disc is tight.



Step 11

Tighten your exhaust manifold bolts.



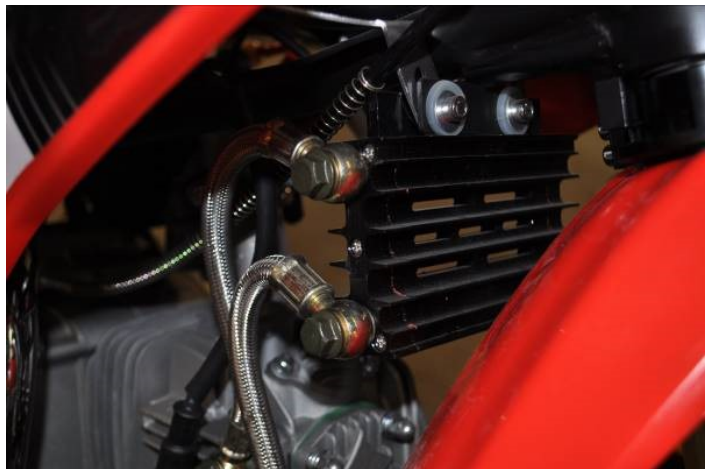
Step 12

Tighten your heat shield.



Step 13

Tighten your oil cooler.



Step 14

Check all your engine mount bolts .



Step 15

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

Check your carburettor and manifold bolts are tight.



Step 17

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



Step 18

Make sure your coil is secure.



Step 19

Check your stand and gear lever are tight.



Step 20

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



Step 21

Make sure your bash guard is tight.



Step 22

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



Step 23

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



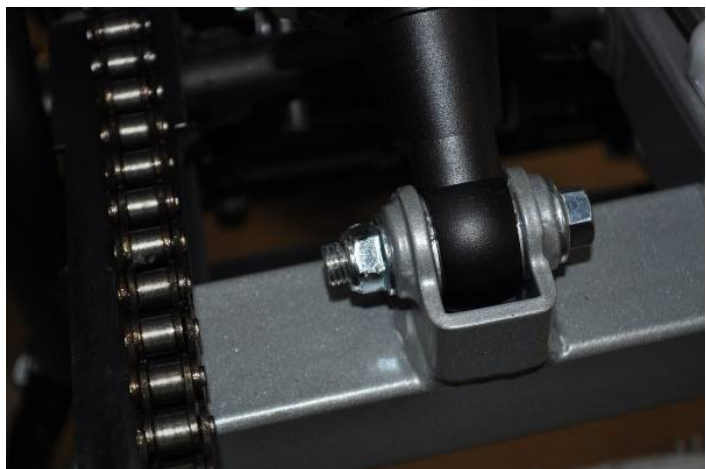
Step 24

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



Step 25

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



Step 26

Check your swing arm is tight.



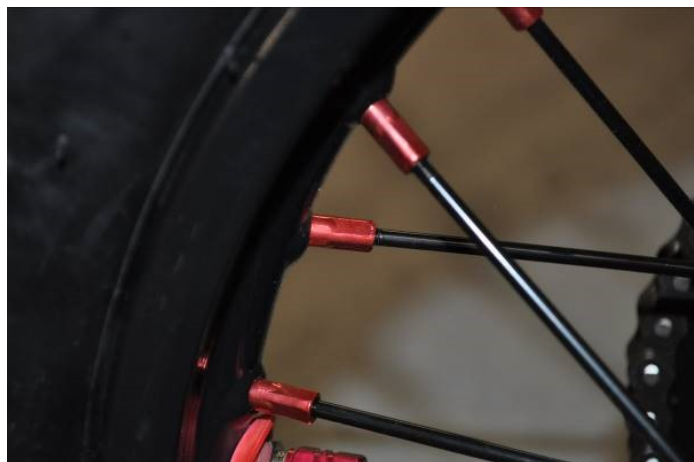
Step 27

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



Step 28

Make sure your rear wheels spokes are all tight.



Step 29

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



Step 30

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



Step 31

Check your chain guide is secure.



Step 32

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



Step 33

Make sure your rear brake disc is tight.



Step 34

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



Step 35

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



Step 36

Make sure your exhaust end can is secure.



Step 37

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

