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Service Guide for the RV50 Shark

This is a simple guide, intended for Funbikes Customers who have purchased the FunBikes Shark RV50 156cc Mini Off Road Buggy, It contains instructional steps on how to how to service your buggy, and includes images to aid you in the process.

Service Guide for the RV50 Shark

This guide explains how to proforma a service check your buggy.

What product does this guide apply to?

-FunBikes Shark RV50 156cc Silver Mini Off Road Buggy

Introduction

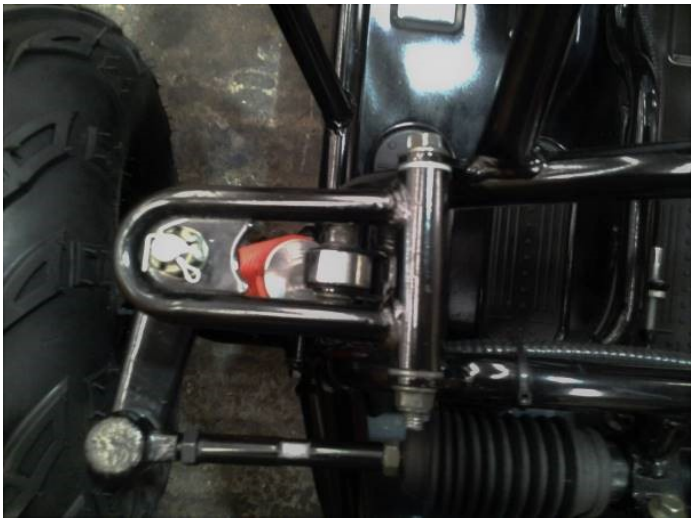
These vehicles are a motorised and will therefore require regular maintenance, if you follow this guide it will help you to have trouble free running. The better you look after the quad the better it will look after you!

Even though you have received your Shark fully assembled and ready to run, it will require regular services. We recommend that you carry out a full nut and bolt check on the buggy before each and every use. This will help to maintain your buggy for optimum riding pleasure.

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

Step 1

Check your front shock absorbers are tight and secure, tighten the upper and lower front wishbones. Check the upright bolts are tight and secure.

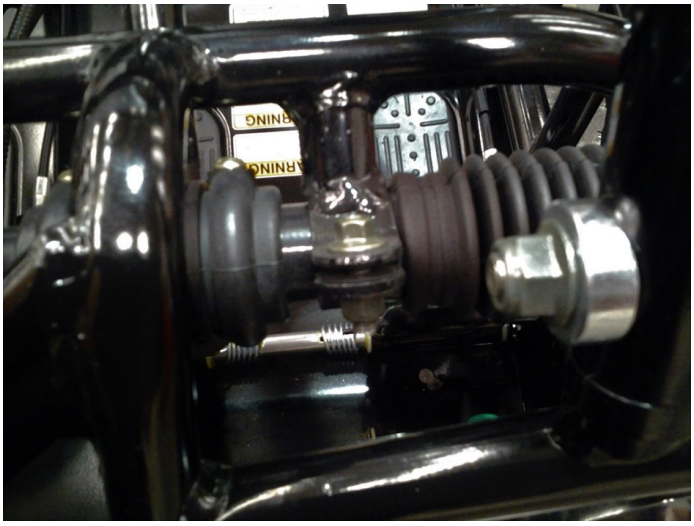


Step 2

Make sure your front wheel is tight but still spins freely. Once the wheel is tightened correctly make sure there is no play in the bearings if the wheel is fully tight and there is still side to side play in the wheel it will require new wheel bearings.

Step 3

Make sure the four bolts securing the steering rack are tight, check the rubber gators on the end of the steering rack are not split or perished. If they are we recommend replacing these as they stop dust and debris clogging up the steering rack.



Step 4

Make sure your steering wheel is tight and secure.

Step 5

Check the rear shock absorbers are tight and secure. As well as the bolts holding the rear bearing carriers in place. Once these bolts are tight check the rear axle has no side to side or up and down play if it does one or both or the axle bearings will need replacing. At the same time make sure your seat belts are secure.

Step 6

Tighten your rear sprocket and disc bolts checking the sprocket for wear at the same time if your sprocket is badly worn replace it and the drive chain at the same time. Also check your chain for excessive play in the links again if it is badly worn replace it. Make sure your chain tension is correct using the adjustment bolt at the rear of the engine. Make sure your rear brake calliper is secure and check your brake pads for wear. If these are badly worn replace them.

Step 7

Check your fuel tank is secure and check the fuel pipe to make sure it is not perished or split if it is replace it. At the same time check that your inline fuel filter is free from debris if it has become clogged with debris we advise that you again replace this part as it will affect the fuel flow into the engine and reduce performance.

Step 8

Check all the bolts securing the engine to the chassis are tight as well as checking all visible bolts on the engine, check the pull cord to make sure it is not becoming frayed, if it is it will need replacing.

Step 9

Remove the air filter cover and check the air filter is clean from dust and debris. We would advise washing it out in either neat petrol or air filter cleaner and then leaving it to dry out completely before using the buggy.

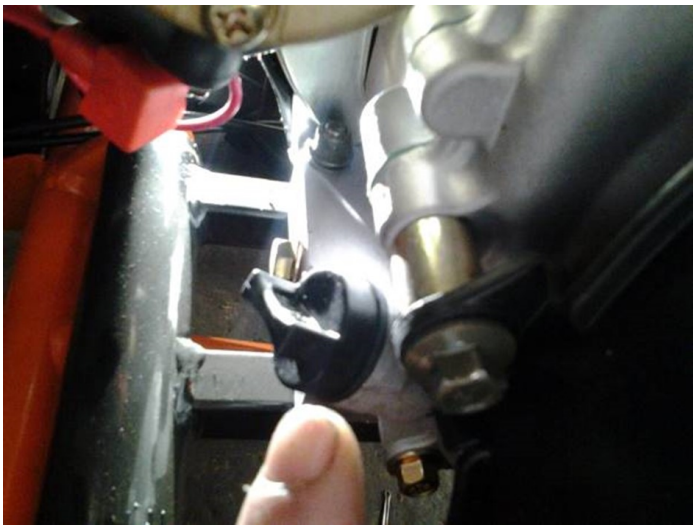
Step 10

Make sure the rear wheels are tight and check the tyres for wear and perishing.

Step 11

Make sure your roll cage is tight.

Step 12



Your Shark will require regular oil changes we recommend changing the oil every 20 hours of use on the buggy. The engine on a Shark holds approximately 500ml of 10W 40 semi synthetic oi. To change your oil warm up the engine until the casing is warm to touch, then turn off your engine. Place an oil catch tray or suitable container under the engine and remove the sump plug. Once the oil has finished draining from the engine replace the sump plug and make sure that is tight. If it is not fully tightened there is a danger that it could vibrate loose during use. This will result in the oil leaking from the engine and a possible engine seizer. Refill your engine through the dipstick hole.

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