

DIY Motorcycle Maintenance

Simple Tasks to Keep Your Motor Running



Changing the Oil

Tools Needed:

Estimated Time:



Universal Pliers



Adjustable Socket Wrench



Drain Pan



Funnel



Oil Rag or Cloth



Fresh Oil



Fresh Filter



45 Minutes

1

Either run your motorcycle or take it for a 10-minute drive to warm it up. This will make the oil to drain faster.



2

Clean the area of dust, dirt, and other airborne contaminants. If they get into your fresh oil, they can damage your engine.



3

Find a flat surface and either angle your bike on a stand or let it rest on its kickstand.



4

Place the drain pan where you believe it will catch the most oil. You may have to adjust it later.



5

Locate the drain plug. On a dry sump, it will be on the sump. If you have a wet sump, there might be one on the frame and another on the engine - you'll need to locate both in that case. You may need to remove some parts of the motorcycle, such as the foot peg, or you may need to drop the exhaust to access the drain plug.



6

Remove the oil port intake cap to make the oil drain out quickly.



8

Remove the oil filter. It may be that the filter is on the frame and another on the engine. Consult your owner's manual for details.



10

Use a clean cloth to clean the area that the filter will be reattached to.



7

Remove the drain plug and allow the oil to drain into the pan.



9

Wet the new filter with a bit of fresh oil.



11

Replace the filter and the parts that you took off to remove the old one.



13

Open your oil port and fill it with the right amount and weight of oil specified by your owner's manual. Be careful not to overfill it! Level with a dipstick or some tool that has viewing windows.



14

Recycle the used oil.



15

Change your oil again every 2,500 to 4,000 miles (or whatever is recommended in your manual).



Changing the Air Filter

Tools Needed:

Estimated Time:



Adjustable Socket Wrench



Compressed Air Blower



Screwdriver



Fresh Air Filter



45-60 Minutes

1

Depending on the type of oil, your air filter may be easily accessible near the side of the engine, or it may be located underneath the fuel tank.



2

If the filter is located on the side of the engine, undo the cover and slip ahead.



3

If it's located under the fuel tank, first remove the seat and any components to removing the gas tank.

4

Make sure your petcock is turned to the off position if you'll be removing the gas tank.



5

Unbolt the tank and undo any wires and hoses connecting it to the rest of the bike. Label these wires and hoses to ensure easy reassembly. Make sure not to spill fuel everywhere!



6

Cover the top of the air box with a clean rag or covering to keep it clean inside.

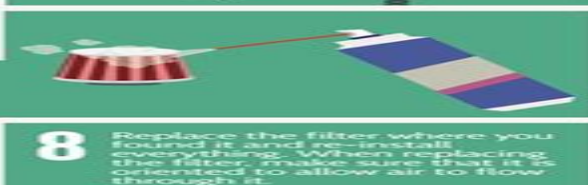


7

If the filter can be cleaned, great! Depending on the type of filter, it may need some special steps to clean it. Spongy and cotton filters will be soaked in solvent or washed in solvent. Soap will work. Then, they need to be air-dried. A paper filter can simply be blasted with compressed air. Don't blast any contaminants into the gas tank or at the engine!

8

Replace the filter where you found it and re-install everything. When replacing the filter, make sure that it is oriented to allow air to flow through it.



Maintenance Manual Motorcycle

Hugo Wilson



Maintenance Manual Motorcycle:

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