



Beta
motorcycles

Oil injection flow test

Model:

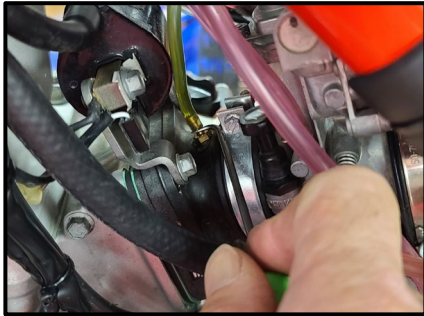
All 2 Stroke Models With Oil Injection

CONFIDENTIALITY NOTICE

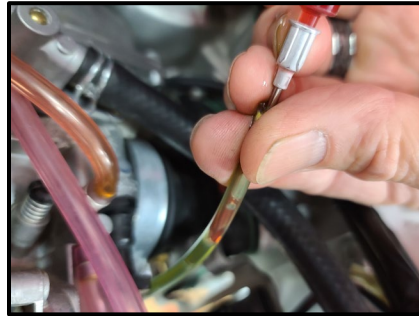
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*Drain and fill the fuel tank with premix if you believe the oil injection system is not working.

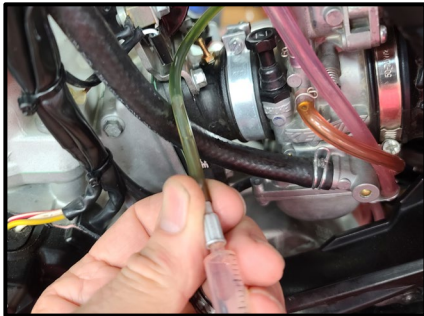
1. Start and warm the engine so the bike will maintain a constant idle. Use a tachometer to set the idle at approximately 1700 RPM's.



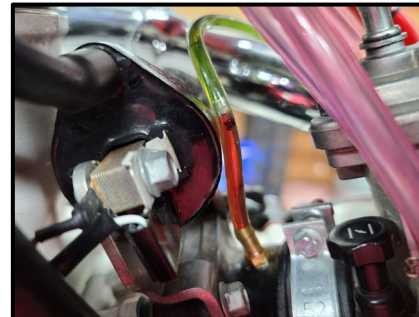
2. Use an "L" shaped pic to lightly pry up while gently pulling the oil line off the barb at the manifold.



5. Insert the needle into the oil line just short of the existing oil. Depress the syringe and with slight back and forth movement, fill the oil line with the different colored 2T oil. A small air bubble between the two oils is desired.



3. Insert a 2 inch syringe needle into the oil line and extract 2 inches of oil from the line.



6. Reattach the oil line. With approximately 2 inches of new 2T oil and a small bubble between the oils, start the engine and a stopwatch at the same time. Note how long it takes the bubble to migrate to the manifold barb.

Approximately 45 seconds is normal at 1700 RPM's.



4. Clean and fill the syringe with 1ml of a different colored 2 stroke injector or premix oil.

Note: If you confirm no oil flow or see a flow rate greatly different:
A. Confirm the TPS is set to and the oil pump has the correct values.
B. Try a different CDI if the component values are correct.

*If the flow rate is corrected but the warning light remains lit, manually clear the codes to remove the warning light as follows.
1. Start the bike and run it for 6 seconds then turn it off and wait 6 seconds.
2. Repeat this procedure 3 more times to clear the codes.
If this doesn't clear the light, run the bike up in RPM during the 6 second run time.