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### 4-stroke Internal Combustion Engine



### Job – Carburetor

1. What is the job of the carburetor?

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2. Make a neat sketch of the carburetor that your engine uses. Label the following components /regions. (hint- some of the items are not visible on the outside and you will need to indicate where you would expect these items to be located based on what you know about how a carburetor works)

- Throttle control lever
- Mixture screw
- Idle set screw
- Throttle valve
- Venturi
- Fuel pick up tube
- Choke valve

Briggs & Stratton Carburetor

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## Questions

*Describe the purpose/operation of each item listed below*

1. Throttle control lever

2. Mixture screw

3. Idle set screw

4. Throttle valve

5. Venturi

6. Fuel pick-up tube

7. Choke valve