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Part Identification

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| **Across****2.** Mixes air with fuel creating a mixture**4.** Removes impurities from the incoming air before reaching the carburetor**7.** Converts linear motion of the piston into rotary motion**10.** Connects the piston to the connecting rod**12.** Holds the wrist pin in place inside the piston**16.** Part of the crankshaft where the flywheel is attached**17.** The stroke of spent gases being pushed out**18.** Causes the electrical current to jump a gap and create a spark**19.** Main bolts that attach the head to the engine block**20.** The first of the four stroke cycle**22.** The third stroke of four stroke cycle**23.** Place where piston travels to compress fuel and air**24.** Allows spent gases to exit the cylinder when open**25.** Cylindrical object that travels up and down within cylinder | **Down****1.** Connects the piston to the crankshaft**3.** Part of the crankshaft where the load or work is attached to**5.** Connects armature to spark plug**6.** Turned by the gear on the crankshaft, turns once for every 2 revolutions of the crankshaft**8.** Takes in air/fuel mixture to the cylinder when open**9.** The offset part of the crankshaft, creates the stroke of the engine**11.** Main structure of engine ENGINE**13.** Creates seal between head and engine block**14.** Head fastened to the end of the cylinder block away from the crank case CYLINDER**15.** The stroke where the air fuel mixture is compressed**21.** Helps regulate the amount of fuel required by engine |