



Post-Visit Activity

Matching Exercise

Name _____

Standard Cylinder Type Engine Parts

1. Spark plug _____ This turns the piston's up and down motion into circular motion just like a crank on a jack-in-the-box does.
2. Valves _____ This part surrounds the crankshaft, it contains some amount of oil, which collects in the bottom of the sump (the oil pan).
3. Piston _____ This connects the piston to the crankshaft. It can rotate a both ends so that its angle can change as the piston moves and the crankshaft rotates.
4. Piston rings _____ This is a cylindrical piece of metal that moves up and down inside the cylinder.
5. Connecting rod _____ This part supplies the spark That ignites the airfuel mixture so that combustion can occur.
6. Crankshaft _____ The intake and exhaust of these open at the proper time to let in air and fuel and to let out exhaust.
7. Sump _____ These rings provide a sliding seal between the outer edge of the piston and the inner edge of the cylinder. The prevent fuel from leaking into the sump.