Engines of the world

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| **Across****1.** This substance is extremely light weight and burns with intensity.**3.** The state at which oxygen is stored in rockets.**6.** The amount of pistons in a 2 stroke engine.**10.** The sum of all the cylinder volumes.**14.** What compresses the air/fuel mixture in the cylinder?**15.** In a normal 2 stroke engine there aren't valves, but there are 2 \_\_\_.**18.** The\_\_\_\_\_ \_\_\_\_\_allows the air/fuel mix to enter the cylinder.**19.** The\_\_ \_\_\_\_\_controls the valve movement in a 4 stroke engine.**20.** What is the name of the liquid fuel most commonly used in rockets. | **Down****2.** "Every action has an equal and opposite\_\_\_\_\_\_\_."**4.** The\_\_\_\_\_\_stroke is when the burned air/fuel mix is blown out.**5.** Petrol compression ratios are \_\_\_\_\_\_than Diesel.**7.** The pistons drive this. It carries the powers to the wheels.**8.** What property of space prevents us from using jet engines to travel in it?**9.** Rockets work on \_\_\_\_\_\_\_'s 3rd law.**11.** The name of an element used as an oxidizer.**12.** Diesel compression ratios are\_\_\_\_\_\_\_\_than petrol.**13.** The name of the second stroke in a 4 stroke engine.**16.** A petrol engine has this, but a diesel engine doesn't.**17.** The intake \_\_\_\_\_\_ is the part of an engine that supplies the fuel/air mixture to the cylinders. |