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engines

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| **Across**  **2.** one way to classify an engine  **3.** encloses the crankshaft  **7.** thickest part of the piston  **16.** abbreviation for electronic control module  **17.** directs the flow of air  **19.** type of piston ring  **20.** type of cooling system  **21.** gear oil abbreviation  **22.** engine type with odd number cylider  **23.** one stroke of a 4 stroke engine  **25.** one type of cylider sleeve  **27.** maintains consistent air pressure in intake manifold  **30.** type of fuel filter  **32.** air induction system greater that 14.7psi  **33.** opens and closes valves  **34.** gear type positive displacement pump  **35.** what determines timing | **Down**  **1.** transfer reciprocating motion to rotary motion  **4.** blue smoke means  **5.** type of fuel system  **6.** type of valve rotator  **8.** seals the head to the block  **9.** oils resistence to flow  **10.** removing burnt gases by entry of fresh air  **11.** common mix of coolant  **12.** foundation of the engine  **13.** type of material of flywheel for manual transmission  **14.** one stroke for a two stroke engine  **15.** a type of ignition  **18.** valve that allows air into cylinder  **24.** removes large particles of dirt  **26.** cylider configuration for two stroke engine  **28.** cools down intake air  **29.** one type of valve arrangement  **31.** one type of cooling system |