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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 |