

# Definition Match

Match each word from the word bank to one of the definitions

octane rating	stoichiometric ratio	detonation	pre-ignition	dieseling
emissions	Spark knock	fuel rail	MAP sensor	

Distributes fuel to injectors while ensuring that reserve fuel is available for engine operations

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Air to fuel ratio 14:7:1

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Used by the ECU to determine air pressure in the inlet manifold

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Measures the ability of petrol to resist knocking or pinging

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Carbon build up in combustion chamber could cause air fuel mixture to ignite before the timed spark

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The result of the burning process in the engine discharged through the vehicle exhaust

\_\_\_\_\_

Increased heat and pressure will cause the fuel mixture to combust by itself

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Incorrect ignition timing causing the spark plug to fire too soon in relation to the correct piston position

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An overheated engine can cause the air fuel mixture to ignite without the use of voltage at the spark plug.

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