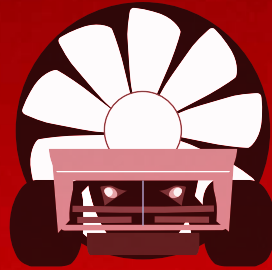
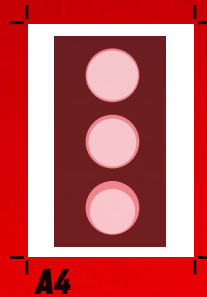


# 1.0-litre EcoBoost Fascinating Facts



The engine's turbo-charger spins at up to 248,000 rpm – almost twice as fast as the turbocharger in 2014 Formula 1 car engine



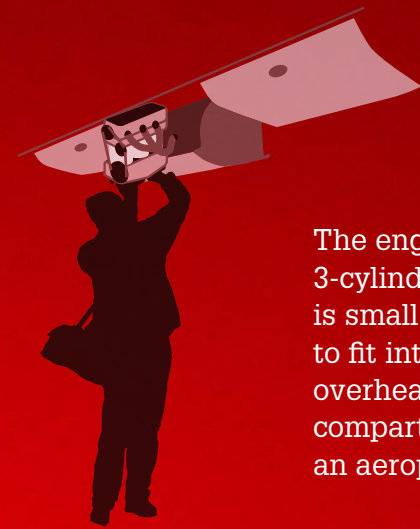
The engine's cylinder head and block mating surface could fit onto an A4 sheet of paper



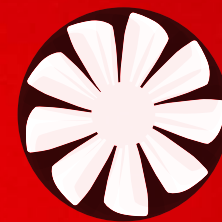
At more than 5 tonnes the peak firing pressure in each cylinder is equivalent to an elephant standing on top of the piston



The engine's camshaft drive belt is made from same material as bullet proof vests



The engine's 3-cylinder block is small enough to fit into the overhead luggage compartment of an aeroplane



The fins of the engine's turbocharger break the sound barrier at speeds of Mach 1.5 – turning 80 times faster than a Boeing 777 or Concorde engine



At 2.6 bar, the turbo forces air into the engine with enough pressure to pump up the tyres



Each of the engine's 3 cylinders is no bigger than a soft-drink can

Producing 140 PS from 1 litre, the engine delivers more power on a litre-for-litre basis than the engines in the Bugatti Veyron, Ferrari 458 Speciale, Lamborghini Aventador and Porsche 911 Turbo

