

Download Rolls Royce Merlin Service Manual

The Rolls-Royce Merlin is a British liquid-cooled V-12 piston aero engine of 27-litres (1,650 cu in) capacity. Rolls-Royce designed the engine and first ran it in 1933 as a private venture. Initially known as the PV-12, it was later called Merlin following the company convention of naming its piston aero engines after birds of prey.. After several modifications, the first production variants ...* Alternative engine. Overview. The Rolls-Royce Merlin was without doubt Britain's most significant aero engine of the Second World War. It powered the majority of the Royal Air Force's most effective frontline combat aircraft for the duration of the conflict. The Rolls-Royce Olympus (originally the Bristol B.E.10 Olympus) was the world's first two-spool axial-flow turbojet aircraft engine design, dating from November 1946, although not the first to run or enter service. It was originally developed and produced by Bristol Aero Engines. First running in 1950, its initial use was as the powerplant of the Avro Vulcan V bomber. The Genesis of the Merlin. In 1932, Frederick Henry Royce (F.H.R.), knight of the realm and autocratic head of Rolls-Royce Ltd, decided the time was apposite to design a new, high-power, military aero-engine.