



### Cooling fan upgrade from Revotec

One of the topics most often discussed by MGBV8 enthusiasts over the years is overheating and cooling. In fact there are some fifty V8 Workshop Notes on that topic and associated cooling hose and related matters. When a cooling airstream is not surging through the radiator matrix then cooling has to be assisted with cooling fans. The original fans are by modern standards basic and of limited effect as the spillage over the ends of the blades is considerable. But the good news is a twin fan kit is available as a cooling upgrade which has been custom engineered to fit and cool your MGBV8.

Revotec has developed a range of tailor made cooling upgrade kits for a range of classic cars including the MGB, MGC, MGBV8 and MGA not mention TRs, Healeys and other classics. Their kits are created for each car and particularly so for the MGBV8 where the cooling requirement with the three and a half litre engine packed into a tight engine bay is heavy in slow moving traffic and high ambient temperatures.

The kits comprise a pair of high output OEM quality low-noise fans with high quality bearings (rated for continuous running and waterproofed to IP68) and a variable

temperature electronic fan controller which is adjustable from 70°C -120°C. The fans are mounted on a set of laser-cut brackets specifically designed for each car model, bright passivated to prevent corrosion, which allow the fans to be mounted very close to the radiator matrix using the original radiator mounting bolts. The fans are balanced and have a low profile plus a finger guard as a welcome safety feature. They also have a cylindrical edge casing which resists air spilling over the fan blade tips thereby improving the efficiency of the fan in shifting an airstream through the radiator matrix. The kits come with all necessary wiring, all necessary cooling hose clips and fittings together with full installation instructions to enable an enthusiast with basic hand tools to make a professional installation.

The installation involves mounting the twin

Revotec fans on the front face of the radiator and begins with disconnecting the negative battery terminal and draining down the coolant to remove the top hose. Then the original twin cooling fans are removed. Following the step by step instructions, the aluminium side brackets and flush and central mounts are then assembled around the twin fans. Using the bolt holes in the upper and lower radiator mounting points, four new longer protruding M8 bolts are inserted with their long spacers so the fan and bracket assembly can be adjusted and then secured flat on the face of the radiator. Nyloc nuts are supplied. The two photos below show the long bolts and spacers together with the complete kit of parts.

The twin cooling fans are wired in parallel following the wiring diagram supplied with the kit. Then the electronic fan controller is mounted in the top radiator hose using the fitting and set up instructions.



See [www.revotec.com](http://www.revotec.com) for more details.

