



BMW



Mercedes



Mini



Interiors

## E63 Brake Systems

Powerful road cars need powerful brakes. Safety at all speeds is the top priority for drivers of "The Ultimate Driving Machine".

Our braking systems for performance BMW's make use of ventilated discs of up to 380mm, depending on wheel size, guaranteeing outstanding fade free deceleration and brake pedal feel.



Heat dissipation is catered for by the composite design of the brake rotor. Steel for strength on the disc, with pin drive location onto aluminium hubs for light weight in the vital unsprung area of the chassis. The vents in the disc are handed, utilising the rotational motion of the disc to induce cooling air through the disc.

Aluminium alloy six or four opposed piston calipers transmit both the braking force and torque reaction to the chassis. Derived from sports car racing brakes, these have been redeveloped to take into account the harsher environments that road cars have to endure, through salt laden winter roads, and extended service intervals of modern cars.

Expert set-up is an integral feature of all of our braking systems. Driver confidence coming not only from outstanding power and immediacy of response, but equally from the rich feedback and progressive nature of the system in operation. Optimisation of the master cylinder volume ensures that the front to rear braking bias yields evenly distributed tyre grip, without disturbing the operation of the ABS and ASC systems.



The front brake set can be installed on individually, or in conjunction with the rear brakes. Compatible wheels for the M6 are a minimum of 19". Some wheel versions may require adjustment to the wheel offset.

### Specifications

Front six or four Piston fixed calipers mounted directly onto front strut. 378x36 disc with curved cooling vanes, mounted onto alloy bells.

Optional Rear 4 piston calipers and mounting brackets, utilising original BMW Disc.

