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Outstanding engines

BMW got its name by making engines. And it is these engines that have made this name what it is today. Motoring journals have realized this. That's what makes them say that the BMW four-cylinder engines are just as powerful

smooth, silent, and flexible as normally only a six-cylinder can be. The BMW four-cylinder engines have an overhead camshaft, inclined valves in an inverted V-arrangement, and a crankshaft with five bearings. The combustion chambers feature the famous hemispherical swirl action design.

The result is that today's BMW engines already fulfil tomorrow's pollution requirements. Flexibility, acceleration, and speed are outstanding aspects typical of BMW engines. So that you always have top performance at any speed and over-taking becomes a matter of just a few seconds.



Traffic dimensions



Today's mass traffic sets a limit to

the size of a car. A modern car must be maneuverable and suitable for congested traffic conditions. There is something very subtle and matter-of-fact about the styling of all BMW models. They all have a low waistline and visibility is excellent in all directions. We tested the safety-first function of

the BMW bodywork together with the Technical University in Berlin. A great number of crash tests were carried out, and they all had the same result. The front and the rear sections of the car were crushed and absorbed the whole impact, while the passenger compartment remained completely undistorted. It is a genuine safety

compartment. BMW applies the most modern methods in countering rust and corrosion. The bodywork is covered with a rustproof primer coating in a special electro-protective bath, and the multi-layer paint baked in on top of the primer coat guarantees that the bodywork cannot be affected by any wea-

ther conditions. A further contribution to this feature is made by the protective coating applied to the underfloor of the car. BMW uses a new method for protecting cavities, where there is a special risk of corrosion: the BMW cavity sealing procedure. This prevents rust from forming before it has even started.



The technical co-pilot

Rush-hour traffic, jammed roads and driving bumper-to-bumper take everything a driver can give. This stress reaches the physical and mental limit of what a human being can stand. So naturally automatic transmission is a very big contribution to making traf-

fic safer. There is no need to operate the clutch or shift gears. And BMW's characteristic sportiness is maintained in full.

An automatic transmission makes things a lot easier for the driver. It enables him to concentrate completely on the traffic conditions surrounding him.