

**Haynes**
shows you how

BMW 3-Series and Z4 (99-05) Includes 2006 325ci/330ci Coupe and Convertible models Haynes Online Manual.

Introduction to the BMW 3-Series and Z4

**Haynes mechanic and photographer with
a 2004 BMW 330i**



The models covered by this manual are equipped with either a 2.5, 2.8 or 3.0 liter six-cylinder engine. These engines are of the Dual Overhead Camshaft (DOHC) design. They also are equipped with a computer-controlled ignition and fuel delivery system with electronic fuel injection.

Transmissions are either five- or six-speed manual or four- or five-speed automatic with overdrive. Power is transmitted from the transmission to the rear axle through a two-piece driveshaft. The differential is bolted to a crossmember and drives the wheels through driveaxles equipped with inner and outer constant velocity joints.

The front suspension is of the MacPherson strut design, with the coil spring/ shock absorber unit making up the upper suspension link. The rear suspension is a fully independent multi-link design. Power assisted rack-and-pinion steering is standard.

Power assisted front and rear disc brakes are standard on all models.

A wide range of standard and optional equipment is available for all models.