Power. Reinvented.
Thrust without thirst.

Go ahead. Press down on the accelerator of the E320 CDI. But be prepared to smile. It’s bound to happen the first time you experience the compelling strength of its advanced CDI (Common-rail Direct Injection) turbodiesel engine. Churning out a volcanic 369 lb-ft of peak torque starting at just 1,800 rpm, it rockets the E320 CDI from zero to 60 mph in 6.6 pulse-quickening seconds. This silky-smooth 3.2-liter inline-6 delivers exceptional low- and mid-range response whether you’re in town or out on the highway. And the E320 CDI matches its sparkling performance with equally outstanding economy. Achieving an EPA estimate of 27 mpg, and 37 mpg on the highway, it’s the most fuel-efficient luxury sedan you can buy.¹

To excel in both performance and economy, the E320 CDI uses a state-of-the-art combination of high-pressure direct fuel injection and an advanced turbocharger that electronically adjusts the pitch of its guide vanes to minimize lag and optimize control of boost pressure at all times. It’s a formula that helps maximize the engine’s efficiency and your driving fun.

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¹ Stated rates of acceleration are based upon manufacturer’s track results and may vary depending upon model, environmental and road surface conditions, driving style, elevation and vehicle load. ² 2006 EPA estimated fuel economy. Compare the estimated mpg to the estimated mpg of other vehicles. You may get different mileage depending on how fast you drive, weather conditions and top length. ³ Your actual highway mileage will probably be less than the highway estimate. ⁴ Comparison based on 2005 EPA estimates for sedans over $40,000. 2006 competitor information not available at time of printing.
Fancy yourself an endurance expert? Then prepare to meet your match. The E320 CDI can outlast even the hardiest long-distance devotee, cruising up to 780 highway miles on a single tank of fuel.

It’s the kind of endearing character trait that means you’ll spend more time savoring the E-Class driving experience and less stopped at a service station. Even those infrequent occasions when the E320 CDI does require refueling won’t be a cause for concern, because diesel is available at approximately 55,000 fuel outlets—nearly one of every three gas stations across the country.

And with the standard Tele Aid system in every E320 CDI, it’s even easy to find fuel when your travels take you into unfamiliar territory. Just press the i-button and you’ll be connected to a live representative who knows which gas stations nationwide offer diesel fuel, and who can help you locate one near your present location, 24 hours a day.

1 Your actual highway mileage will probably be less than the highway estimate. 2 Maximum driving range based on highway fuel-economy estimate and 21.1-gallon fuel-tank capacity. 3 First year’s basic Tele Aid service provided at no additional cost with subscription and includes 30 minutes airtime (including required acquaintance call). Subscription is required for service to be active. Tele Aid operates only where cellular and Global Positioning System coverage are available.
Maximum driving range: 2.65:1

Electronic stability control (ESP) applies the brakes lightly and briefly based on windshield wiper use and driver braking intervals, to reduce moisture on the brake surfaces in wet weather.

Driver-programmable easy-exit feature for driver's seat and/or steering column

Power windows, all with one-touch express-up/down

Emergency Tensioning Device (ETD) and belt force limiter.

Airbag Control (SRS) - includes dual-stage (frontal) airbag,

Adaptive dual-stage front air bag, side-impact air bag, and 3-point seat belt with an

Electronic dual air and pole filter. Humidity/foot sensor prevents window fogging during humid weather, and helps prevent condensation of cooled air.

 Tunnel mode offers one-touch closing of all windows, sunroof and cabin air intake.