

## MERCEDES-BENZ E55 AMG

**Vehicle type:** front-engine, rear-wheel-drive, 5-passenger, 4-door sedan

**Estimated price as tested:** \$74,000

**Major standard accessories:** power steering, windows, seats, and locks; A/C; cruise control; tilting and telescoping steering wheel; rear defroster

**Sound system:** Mercedes-Benz AM/FM/cassette/CD player, 7 speakers

### ENGINE

Type .....supercharged and intercooled V-8, aluminum block and heads  
Bore x stroke .....3.82 x 3.62 in, 97.0 x 92.0mm  
Displacement .....332 cu in, 5439cc  
Compression ratio .....9.0:1  
Engine-control system .....Bosch Motronic ME2.8 with port fuel injection  
Emissions controls .....3-way catalytic converter, feedback air-fuel-ratio control, EGR, auxiliary air pump  
Supercharger .....IHI  
Maximum boost pressure .....13.1 psi  
Valve gear .....chain-driven single overhead cams, 3 valves per cylinder, hydraulic lifters  
Power (SAE net) .....469 bhp @ 6100 rpm  
Torque (SAE net) .....516 lb-ft @ 2650 rpm

### DRIVETRAIN

Transmission .....5-speed automatic with lockup torque converter  
Final-drive ratio .....2.65:1, electronic limited slip  
Gear Ratio Mph/1000 rpm Max. test speed  
I 3.59 7.6 50 mph (6500 rpm)  
II 2.19 12.5 81 mph (6500 rpm)  
III 1.41 19.5 127 mph (6500 rpm)  
IV 1.00 27.4 155 mph (5650 rpm)  
V 0.83 33.1 155 mph (4700 rpm)

### DIMENSIONS AND CAPACITIES

Wheelbase .....112.4 in  
Track, F/R .....62.3/61.1 in  
Length .....190.9 in  
Width .....71.7 in  
Height .....51.0 in  
Ground clearance .....5.1 in  
Curb weight .....4243 lb  
Weight distribution, F/R .....52.7/47.3%

Fuel capacity .....21.1 gal  
Oil capacity .....9.0 qt  
Water capacity .....13.7 qt

### CHASSIS/BODY

Type .....unit construction  
Body material .....welded steel and aluminum stampings

### INTERIOR

SAE volume, front seat .....51 cu ft  
rear seat .....44 cu ft  
luggage space .....16 cu ft  
Front seats .....bucket  
Seat adjustments .....fore and aft, seatback angle, front height, rear height, lumbar support  
Restraint systems, front .....manual 3-point belts; driver and passenger front, side, and curtain airbags  
rear .....manual 3-point belts; side and curtain airbags  
General comfort .....poor fair good **excellent**  
Fore-and-aft support .....poor fair good **excellent**  
Lateral support .....poor fair good **excellent**

### SUSPENSION

F: .....ind; 1 upper control arm, 1 lower lateral link, and 1 diagonal link per side; load-leveling air springs; 3-position cockpit-adjustable shock absorbers; anti-roll bar  
R: .....ind; 1 lower control arm, 2 diagonal links, 1 lateral link, and 1 toe-control link per side; load-leveling air springs; 3-position cockpit-adjustable shock absorbers; anti-roll bar

### STEERING

Type .....rack-and-pinion, power-assisted  
Turns lock-to-lock .....2.8  
Turning circle curb-to-curb .....39.7 ft

### BRAKES

F: .....14.2 x 1.4-in vented disc  
R: .....13.0 x 1.0-in vented disc  
Power assist .....electrohydraulic with anti-lock control

### WHEELS AND TIRES

Wheel size .....F: 8.0 x 18 in, R: 9.0 x 18 in  
Wheel type .....cast aluminum  
Tires .....Continental SportContact 2; F: 245/40ZR-18, R: 265/35ZR-18  
Test inflation pressures, F/R .....35/35 psi

## C/D TEST RESULTS

### ACCELERATION

|                                  | Seconds            |
|----------------------------------|--------------------|
| Zero to 30 mph                   | .20                |
| 40 mph                           | .27                |
| 50 mph                           | .36                |
| 60 mph                           | .45                |
| 70 mph                           | .56                |
| 80 mph                           | .67                |
| 90 mph                           | .82                |
| 100 mph                          | .98                |
| 110 mph                          | 1.16               |
| 120 mph                          | 1.35               |
| 130 mph                          | 1.60               |
| 140 mph                          | 1.94               |
| 150 mph                          | 2.31               |
| Street start, 5-60 mph           | 4.8                |
| Top-gear acceleration, 30-50 mph | 2.3                |
| 50-70 mph                        | 2.5                |
| Standing 1/4-mile                | 12.7 sec @ 117 mph |
| Top speed (governor limited)     | 155 mph            |

### BRAKING

70-0 mph @ impending lockup .....175 ft  
Fade .....**none** light moderate heavy

### HANDLING

Roadholding, 300-ft-dia skidpad .....0.83 g  
Understeer .....**minimal** moderate excessive

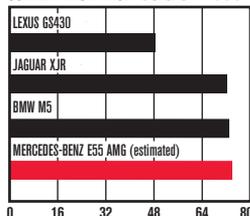
### PROJECTED FUEL ECONOMY

EPA city driving .....14 mpg  
EPA highway driving .....20 mpg  
C/D-observed .....**14 mpg**

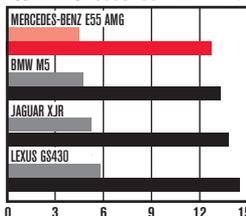
### INTERIOR SOUND LEVEL

Idle .....48 dBA  
Full-throttle acceleration .....79 dBA  
70-mph cruising .....71 dBA

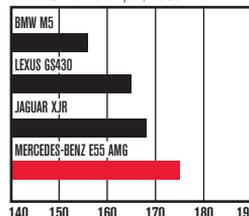
### CURRENT BASE PRICE\* dollars x 1000



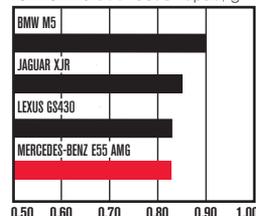
### ACCELERATION seconds



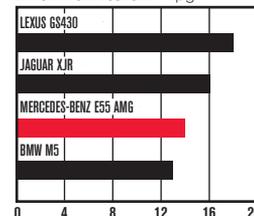
### BRAKING 70-0 mph, feet



### ROADHOLDING 300-foot skidpad, g



### EPA CITY FUEL ECONOMY mpg



\*Base price includes freight, any performance options, and all applicable luxury and gas-guzzler taxes.