

MY 2006 R-CLASS



Mercedes-Benz

| | | |
|-------|-------------------------|----------|
| R 350 | Released September 2005 | \$48,000 |
| R 500 | Released September 2005 | \$55,500 |



Positioning

Class

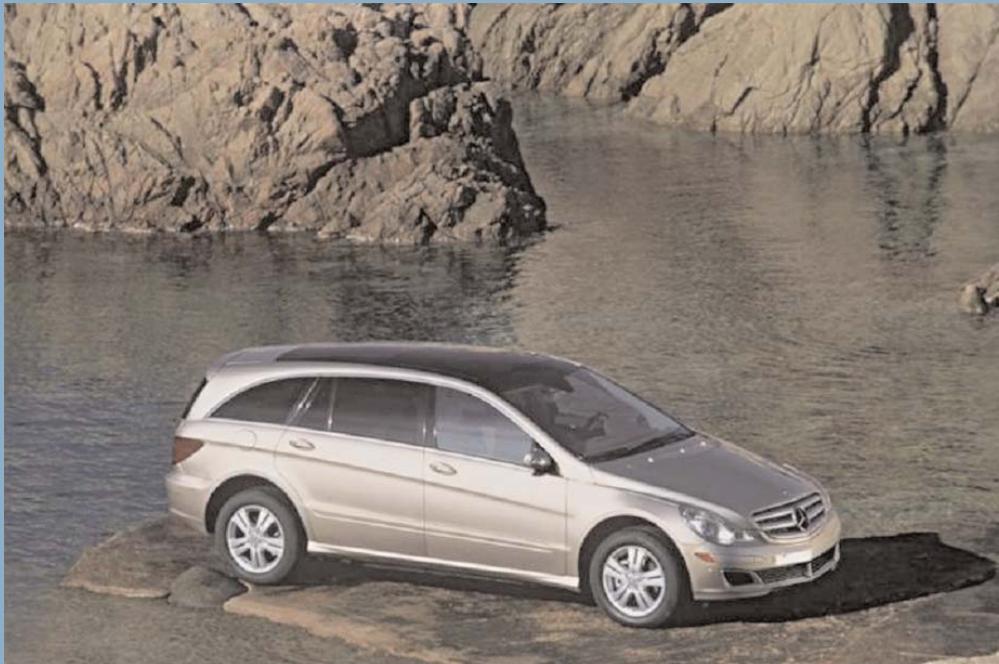
- Developed to be the innovative solution for multi-faceted lives, the GST is the pinnacle of progressive design

Rationale

- Creates entirely new sports touring segment and sets GST as benchmark within new category
- Acknowledges the GST's new and innovative styling
- Reaffirms Mercedes leadership in design and technology
- Creates solution for those trend setters looking for next big automotive idea



Product Highlights - Exterior





Product Highlights - Interior

Seating Configurations



| | Cargo Capacity | Cargo Length |
|-----------------------------|----------------------|--------------|
| 3rd Row Folded Flat | Approx. 42.2 cu. ft. | 43" |
| 3rd and 2nd Row Folded Flat | Approx. 85 cu. ft. | 63-92" |



Product Highlights

R-Class

- 3-Rows of Seats with individual seating for 6 adults
- Longest and widest vehicle in its class for maximum comfort
- Longest wheelbase in its class for optimum ride stability
- Auxiliary plug for MP3 devices
- Available dual-screen, dual-source Rear Seat Entertainment System*
- Independent audio source in rear control panel for second row seats



Rear Seat Entertainment* - Factory Option

- Optional second-row center console houses optional dual screen Rear Seat Entertainment System.
- Console holds CD/DVD player with AUX sockets
- Allows one occupant to watch movie on one screen, while another passenger can play a game on a second screen.



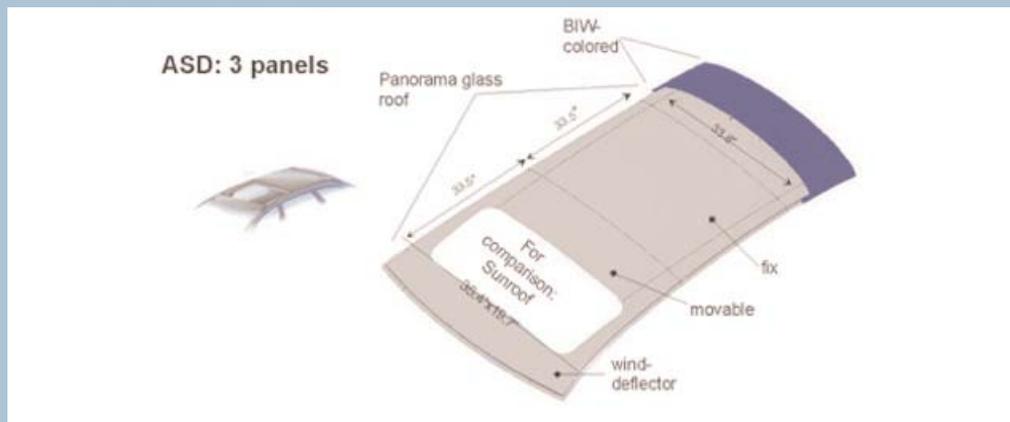
* = Delayed Availability



Product Highlights

Panorama Roof

- A large glass Panorama Roof stretches nearly the entire distance between the windshield and the tailgate.





Product Highlights

Key Safety Features

- Two crash boxes of high-strength steel bolted to longitudinal members to absorb low-speed frontal collisions
- Reinforced passenger cell with reinforced doors
- Two-stage front air bags
- Standard window curtain airbags spanning all three rows of seats
- Seat occupancy sensor in front passenger seat for deployment of front passenger airbag
- Rollover sensor to activate belt tensioners and curtain airbags
- Electronic Stability Systems; 4ETS/ESP and ABS/BAS





Product Highlights

Optional Features

- Air Suspension with Active Damping System (+3" ground clearance)
- Bi-Xenon Active curve-illuminating lights with headlamp washers
 - Corner-illuminating foglamps
- harman/kardon Logic 7 System with 6-disc CD Changer (in glove box)
- Power liftgate
- Keyless-Go (only for V8)
- DVD Navigation
- Power steering column and folding mirrors
- Multi-contour front seats
- Dual-Screen, Dual Source Rear Seat Entertainment System*
- 3-zone climate control



* = Delayed Availability



Target Demographics

| | Chrysler Pacifica | Cadillac SRX | Nissan Murano | Infiniti FX | (Target) |
|------------------------------------|-------------------|--------------|---------------|-------------|--------------------------------------|
| Gender | | | | | |
| Male | 55% | 57% | 57% | 79% | 50% |
| Female | 45% | 43% | 43% | 20% | 50% |
| Marital Status | | | | | |
| Married | 90% | 83% | 76% | 77% | 85% |
| Single | 07% | 12% | 20% | 21% | 15% |
| Age Bracket | | | | | |
| Median | 55 | 61 | 50 | 50 | 52 |
| Total Family Pre-Tax Income | | | | | |
| Median | \$ 93,229 | \$ 141,988 | \$ 98,413 | \$ 145,572 | \$150,000 |
| Ethnic Group | | | | | |
| African American | 3% | 6% | 5% | 7% | Strong Emerged Market Targets |
| Hispanic | 3% | 3% | 3% | 4% | |
| Asian | 2% | 1% | 7% | 3% | |
| White/Caucasian | 89% | 89% | 83% | 86% | |



Product Highlights

Ordering Process

- The R-Class Dealer Ordering Guide has been streamlined to avoid some of the restrictions experienced with the new M-Class
- Almost all of the various packages can be ordered independently of each other or all together
 - Rear Seat Entertainment System* option requires 2nd Row Center Console
 - Wood/leather steering wheel can only be ordered with the Trim Package on the R350

Typical R-Class Build (Suggested, not required)

R 350:

- Choose: one Interior and Exterior color
- Select:
- **Premium Package (Which contains)**
 - Entertainment Package
 - Panoramic Roof Package
 - DVD Navigation
 - Power Liftgate
 - Tele-Aid (Std. V8)
- Select:
 - Heated Front Seats (Std. V8)
 - Parktronic
 - 3-Zone Climate Control
- Select one or more of the following
 - Rear Seat Entertainment*
 - Lighting Package
 - Air Suspension Package

R 500:

- Choose: one Interior and Exterior color
- Select:
- **Premium Package (Which contains)**
 - Entertainment Package
 - Panoramic Roof Package
 - DVD Navigation
 - Power Liftgate
 - Tele-Aid (Std. V8)
- Select one or more of the following:
 - Rear Seat Entertainment*
 - Lighting Package
 - Air Suspension Package
 - 3-Zone Climate Control
 - Parktronic

* = Delayed Availability



Standard Equipment Overview

R 350 Engine and Drivetrain

- 3.5L V6 (268 hp)
- 7 Speed automatic transmission
- Permanent 4-Wheel Drive

R 500 Engine and Drivetrain

- 5.0L V8 (302 hp)
- 7 Speed automatic transmission
- Permanent 4-Wheel Drive

| Codes | Description | R 350 | R 500 |
|-------|---------------------------------------|-------|-------|
| SM | Rain Sensor | S | S |
| SM | Window Curtain Airbags for all 3 rows | S | S |
| SM | Seating for 6 adults (2+2+2) | S | S |
| SM | 6 Cupholders | S | S |
| 100A | Leather Front Seat Inserts w/M-B Tex | S | S |
| 213 | Speed-sensitive Steering | O | S |
| 232 | Homelink | S | S |
| 242 | 3-way Memory System (Right) | O | S |
| 245 | Compass | S | S |
| 275 | 3-way Memory System (Left) | O | S |
| 280 | Leather Wrapped Steering Wheel | S | S |
| 359 | Tele-Aid | O | S |
| 441 | Power Steering Column | O | S |
| 494 | Occupant Sensor | S | S |
| 528 | MCS 2 without Navigation Module | S | S |
| 551 | Anti-theft System | S | S |
| 560 | 8-Way Power Front Seats | S | S |
| 580 | 2-Zone Climate Control System | S | S |
| 669 | Inflatable Spare Tire | S | S |
| 731 | Burl Walnut Wood Trim | O | S |
| 840 | Privacy Glass | S | S |
| 873 | Heated Front Seats | O | S |
| 900 | Chrome Exterior Options Package | N/A | S |
| H04 | Brown Birds-eye Maple | S | N/A |
| R10 | 18" 5-Twin Spoke Alloy Wheels | N/A | S |
| R44 | 17" 7-Spoke Alloy Wheels | S | N/A |
| U12 | Velour Floor Mats | S | S |

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Optional Equipment Availability

| Code | Optional Equipment | R 350 | R 500 |
|-------------|--|---------|---------|
| 220 | Parktronic | \$750 | \$750 |
| 289 | Wood/leather steering wheel (Burl Walnut wood) | \$530 | \$530 |
| 293 | Rear side airbags | \$385 | \$385 |
| 404/ 405 | Multi-Contour front seats | \$780 | \$780 |
| 536 | SIRIUS Satellite Radio - includes 6 month subscription. Factory installed only. | \$500 | \$500 |
| 575 | 2nd row Center Console | \$400 | \$400 |
| 581 | 3-Zone Climate Control | \$1,050 | S |
| 873 | Heated front seats | \$690 | S |
| 889 | Keyless-Go | N/A | \$1,080 |
| 890 | Power Tailgate | \$520 | \$520 |
| R41 | 18" Wheels (Design II) | \$900 | \$250 |

O = Optional Equipment
S = Standard Equipment

* = Delayed Availability
N/A = Not Available



Option Package Availability

| Code | Value-Added Option Package | R 350 | R 500 |
|------|--|---------|---------|
| 326 | Premium Package Entertainment Package (6-disc CD Std. V8), Panoramic Roof Package, Power liftgate, DVD Navigation, Tele-Aid (Std. V8). | \$5,400 | \$4,400 |
| 317 | Comfort Package Auto-dimming mirrors, Memory Seats/mirrors (Std. V8), Power folding mirrors, Power steering column (Std. V8), cargo cover & net. | \$1,350 | \$625 |
| 318 | Trim Package Full leather seat surfaces, Burl Walnut Wood (Std. V8), Premium interior lighting (includes chrome exterior trim - Std. V8). | \$1,750 | \$1,200 |
| 319 | Lighting Package Bi-Xenon-Curve illuminating headlights, Headlight Cleaning System & Corner illuminating front foglamps. | \$890 | \$890 |
| 320 | Entertainment Package harman/kardon Logic 7 System, Rear audio controls, CD Changer in glovebox (Std. V8). | \$1,190 | \$790 |
| 321 | AMG Sport Package 19" 5-spoke Wheels, Unique AMG front and rear bumpers. | \$4,500 | \$4,200 |
| 323 | Heating Package Heated rear seats, Heated front seats (Std. V8). | \$1,190 | \$690 |
| 324 | Sunroof Package Electric sunroof, Rear pop-out windows, Double sunvisors. | \$1,490 | \$1,490 |
| 353 | Air Suspension Package 4-wheel air suspension, Speed Sensitive Steering (Std. V8), ADS (Active Damping System). | \$1,400 | \$1,200 |
| 424 | Panoramic Roof Package Panorama roof, Rear pop-out windows, Double sunvisors includes sunshades. | \$2,390 | \$2,390 |
| 864 | Rear Seat Entertainment Package¹ Dual screen-dual sourced system integrated in headrests. Includes 2nd Row Center Console. | \$3,000 | \$3,000 |

¹ = Available as of January 2006 Production



Paint and Upholstery Matrix

| R350 | Standard | | | Trim Package | | |
|-----------------------------------|--|--|--|------------------------|-------------------------|-------------------|
| Interior ▶ | Black Leather Inserts with M-B Tex (101) | Macadamia Leather Inserts with M-B Tex (104) | Ash Leather Inserts with M-B Tex (108) | Black Leather (201) | Macadamia Leather (204) | Ash Leather (208) |
| Trim ▶ | Brown Birdseye Maple Wood (H04) | | | Burl Walnut Wood (731) | | |
| Exterior ▼ | | | | | | |
| Black (040) | X | X | X | X | X | X |
| Obsidian Black* (197) | X | X | X | X | X | X |
| Alpine Rain* (349) | X | X | X | X | X | X |
| Capri Blue* (359) | X | X | X | X | X | X |
| Barolo Red* (544) | X | X | X | X | X | X |
| Desert Silver* (693) | X | X | X | X | X | X |
| Pewter* (723) | X | X | X | X | X | X |
| Iridium Silver* (775) | X | X | X | X | X | X |
| Everest Green* ¹ (816) | X | X | X | X | X | X |
| Alabaster White (960) | X | X | X | X | X | X |

X = Standard Offering
 * = Metallic Paint
¹ = Delayed Availability



Paint and Upholstery Matrix

| R500 | Standard | | | Trim Package | | |
|-----------------------------------|--|--|--|------------------------|-------------------------|-------------------|
| Interior ▶ | Black Leather Inserts with M-B Tex (101) | Macadamia Leather Inserts with M-B Tex (104) | Ash Leather Inserts with M-B Tex (108) | Black Leather (201) | Macadamia Leather (204) | Ash Leather (208) |
| Trim ▶ | Burl Walnut Wood (731) | | | Burl Walnut Wood (731) | | |
| Exterior ▼ | | | | | | |
| Black (040) | X | X | X | X | X | X |
| Obsidian Black* (197) | X | X | X | X | X | X |
| Alpine Rain* (349) | X | X | X | X | X | X |
| Capri Blue* (359) | X | X | X | X | X | X |
| Barolo Red* (544) | X | X | X | X | X | X |
| Desert Silver* (693) | X | X | X | X | X | X |
| Pewter* (723) | X | X | X | X | X | X |
| Iridium Silver* (775) | X | X | X | X | X | X |
| Everest Green* ¹ (816) | X | X | X | X | X | X |
| Alabaster White (960) | X | X | X | X | X | X |

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Wheels



7-Spoke Design -
Std. on V6
235/65 R17"



5-Spoke Design - AMG
Optional on V6 or V8
255/50 R19"



10-Spoke Design
Optional on V6 or V8
255/55 18"



5-Twin-Spoke Design
Std. on V8
255/55 18"



Technical Specifications

| | | R350 | R500 |
|----------------------------------|-------------------|--|--|
| Vehicle Type | | Four-door, six-passenger sports touring vehicle | |
| Chassis | | Unit body construction | |
| Engine | | 90-degree V6 | 90-degree V8 |
| Engine Material | | Aluminum | |
| Valvetrain | | Double overhead camshaft per cylinder bank, two intake valves and two exhaust valves per cylinder | Single overhead camshaft per cylinder bank, two intake valves and one exhaust valve per cylinder |
| Displacement (cu. in./cc) | | 227 / 3,498 | 303.0 / 4,966 |
| Bore (in./mm) | | 3.66 / 92.9 | 3.81 / 96.8 |
| Stroke (in./mm) | | 3.39 / 86 | 3.31 / 84 |
| Compression ratio | | 10.5:1 | 10.0:1 |
| Horsepower @ rpm | | 268 @ 6,000 | 302 @ 5,600 |
| Torque (lb.-ft.) @ rpm | | 258 @ 2,400 - 5,000 | 339 @ 2,700 - 4,750 |
| Intake System | | Sequential fuel injection, electronic throttle control, two-stage variable length intake manifold | |
| Engine management | | ME 9.7 engine control with one ignition coil over one spark plug per cylinder | ME 2.8 engine control with phase-shifted twin spark plugs per cylinder, two coils per cylinder |
| Maximum engine speed | | 6,000 | |
| Transmission | | Seven-speed electronically controlled automatic, Touch Shift manual controls | |
| Gear ratios | | | |
| | 1 | 4.38:1 | 4.38:1 |
| | 2 | 2.86:1 | 2.86:1 |
| | 3 | 1.92:1 | 1.92:1 |
| | 4 | 1.37:1 | 1.37:1 |
| | 5 | 1.00:1 | 1.00:1 |
| | 6 | 0.82:1 | 0.82:1 |
| | 7 | 0.73:1 | 0.73:1 |
| | R | 3.42:1 | 3.42:1 |
| | R2 "comfort mode" | 2.23:1 | 2.23:1 |
| Final drive | | 3.90:1 | 3.70:1 |
| Stability control | | ESP Electronic Stability program integrating brake application and throttle intervention | |
| Traction control | | Four-wheel traction control with brake and throttle intervention | |
| Suspension | | Four-wheel independent | |
| | front | Upper and lower control arms, coil springs, gas shock absorbers, stabilizer bar (optional Airmatic system with air springs and ADS adaptive damping) | |
| | rear | Four-link, coil springs, shock absorbers (optional Airmatic system with air springs and ADS adaptive damping) | |
| Steering | | Rack and pinion, hydraulic power assist | |
| Turns, lock-to-lock | | 3.62 | |
| Turning radius (ft.) | | 40.7 | |
| Wheels | | 7.5 x 17-inch alloy | 8.0 x 18-inch alloy |
| Tires | standard | 235 / 65 R17 104H (all season) | 255 / 55 R18 105H (all season) |
| | optional | 8.0 x 19-inch 225 / 50 R19 103H (all season high performance) optional AMG Sport Package | |
| Brakes | | Hydraulic power assisted 4-wheel discs with 4-channel ABS anti-lock, Brake Assist System | |
| Disc diameter (in./mm) | front | 13.0 / 330; vented | 13.8 / 351; vented |
| | rear | 13.0 / 330; solid | 13.0 / 330; vented |
| Disc thickness (in./mm) | front | 1.26 | 1.26 |
| | rear | 0.55 | 0.87 |



Technical Specifications

| | | R350 | R500 |
|--|---------------------------|------------------------------|------------------|
| Exterior Dimensions (in./mm) | | | |
| Wheelbase | | 126.6 / 3,215 | |
| Length | | 203 / 5,157 | |
| Width (mirrors folded) | | 75.7 / 1,968 | |
| Height (without Roof Rails) | | 65.2 / 1,656 | |
| Ground Clearance | | 5.8 | |
| Track | front | 65.5 / 1,665 | |
| | rear | 65.3 / 1,658 | |
| Curb weight (lbs.) | | 4,766 | 4,845 |
| Aerodynamic drag (Cd) | | 0.31 | 0.32 |
| Frontal area | | 2.74 | 2.76 |
| Interior Dimensions (in./mm) | | | |
| Head room (with sunroof) | front | 39.8" / 1,010 mm | |
| | 2nd row | 40.4" / 1,027 mm | |
| | 3rd row | 37.2" / 946 mm | |
| Leg room | front | 39.8" / 1,012 mm | |
| | 2nd row | 36.2" / 920 mm | |
| | 3rd row | 32.4" / 825 mm | |
| Shoulder room | front | 60.3 / 1,530 mm | |
| | 2nd row | 59.6" / 1,514 mm | |
| | 3rd row | 52.8" / 1,342 mm | |
| Cargo Length | 3rd row up | 19.4" | |
| | 3rd row backrest down | 43" | |
| | 2nd & 3rd row folded flat | 63-92" | |
| Cargo floor width | | 44.5" | |
| Capacities | | | |
| Cabin volume (cu. ft.) | | TBD | |
| Cargo volume (cu. ft.) | seats up | 15.3 | |
| | 3rd row down | 42.2 | |
| | 2nd & 3rd rows down | 85 | |
| Gross vehicle weight (lbs.) | | 6,305 | 6,382 |
| Maximum total payload (includes 5 passengers, lbs.) | | 1,635 | 1,620 |
| Fuel Tank (gallons) | | 21.3 | |
| Performance | | | |
| 0-60 (seconds) | | 8.1 | 6.7 |
| Top speed (mph) | | 130 (electronically limited) | |
| Fuel mileage, city/hwy | | 16 city / 21 hwy | 13 city / 18 hwy |

Technical information is preliminary and is subject to change