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## Chapter Three: Safety Equipment and Suppliers

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<p><b>AUTOMOTIVE SAFETY TECHNOLOGIES</b> <b>AVAILABLE FROM AUTOMOTIVE SUPPLIERS</b></p>
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*Despite the failure of manufacturers to install sufficient occupant protections to reduce highway deaths and injuries — particularly those in rollover crashes — and in spite of the absence of federal standards to mandate such protections, there is a wide selection of safety technologies already available from automotive suppliers that would reduce rollover deaths and injuries.*

*The following is a short list of some of the major automotive suppliers and examples of safety-related technology they provide, particularly technology oriented towards mitigating the risk of vehicle rollover or minimizing the harm caused should the vehicle roll.\**

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### **Continental Teves**

- Electronic air suspension system
- Cruise control that adapts as surrounding traffic changes
- Reversible seat belt pretensioner
- Electronic brake systems
- Electronic stability program (ESP)
- Electro hydraulic brake (EHB)
- Electro mechanical brake (EMB)
- Deflation detection system (DDS)
- Tire pressure monitoring system (TPMS)
- Electronic air suspension system (EAS)

### **Autoliv**

- Restraint system integrated into seat (“Belt-In-Seat”)
- “Belt Grabber,” which prevents a payout of the belt as loading increases
- Height-adjustable upper anchorage point for shoulder belt, to improve safety belt geometry

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\* The use of automotive supplier company names should not be interpreted as any kind of endorsement of any supplier company or its products. Furthermore, the lists of products are not complete and are not meant to reflect the comparative range of products available from various suppliers. The lists are only provided to allow consumers to understand the general range of automotive safety technologies available.

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- Load limiter
- Safety belt pretensioner
- Inertial release-resistant safety belt buckle
- Seat belt beam, facilitating a complete 3-point retractor belt in the mid-rear seat, especially in hatchbacks and station wagons, which also provides passengers with improved side-impact protection
- “Smart Belt,” which adapts its restraining force to the severity of the crash and to the restraining force of the air bag
- Head-thorax air bag and thorax air bag
- Side impact air bag
- A head side impact air bag, Inflatable Tubular Structure (ITS)

### **TRW Automotive**

- Safety belt pretensioner
- Restraint system integrated into seat
- Inflatable safety belts
- Single-Point Automotive Restraint Control system (SPARCS), which makes restraints sensitive and adaptive to front, rear and side impacts
- Vehicle Stability Enhancement System (VSES)
- Child restraints integrated into seat
- Thorax, head, and combined head/thorax side impact air bag systems

### **Delphi Corporation**

- Side impact air bag
- Head/torso side impact air bag
- Buckle pretensioner
- Height-adjustable upper anchorage point for shoulder belt, to improve safety belt geometry
- Load limiter
- Emergency locking retractor
- Dual beam radar back-up aid (“Forewarn”)
- Adaptive cruise control with driver alert (“Forewarn”)
- Side and front impact sensors
- Occupant position detection system

### **Takata**

- Restraint system integrated into seat
- Retractor pretensioners
- Buckle pretensioners
- Energy management retractors
- Seat belt tension reducers

- Low friction guide loops
- Rollover detector
- Restraint control modules, which makes restraints sensitive and adaptive to front, rear and side impacts
- Belt tension sensor
- Inflatable safety belts
- Intelligent energy management retractors
- Dual stage energy management retractors

### **Key Safety Systems**

- Pretensioners
- Load limiters
- Seat belt tension sensor
- Crash sensor
- Side impact air bags
- Seat track position sensor
- Inflatable safety belts

### **Robert Bosch**

- Rollover sensor
- Restraint system sensor
- Side and front impact sensors
- Front air bag sensors
- Occupant position detection system
- Crash severity sensor, making occupant safety technologies like air bags more adaptive to the mode and severity of the crash
- Electronic Stability Program (ESP)
- Power-assisted braking
- Traction Control System (TCS)
- Modular Anti-lock Braking System (ABS)

## 2004 MODEL YEAR SAFETY EQUIPMENT Side Impact Air Bags, Laminated Side-Window Safety Glass, Backover Prevention Technology, and Rollover Safety Belt Pretensioners

Forty-seven percent of 2004 model-year vehicles offered head-protection side air bags, but only 27 percent offered the protection as standard equipment.<sup>1</sup> Of model year 2003 cars tested by the National Highway Traffic Safety Administration (NHTSA) in the New Car Assessment Program (NCAP), Electronic Stability Control (ESC) was standard on 22 percent of cars and optional on 17 percent. At least two dozen 2004 vehicle models offer a rearview camera or sensor; only one fourth of these vehicles, however, offer this technology as standard equipment. In addition, at least one 2004 model offers standard rollover safety belt pretensioners.

### 2004 MODEL YEAR SAFETY EQUIPMENT: Side Airbags and Laminated Side-Window Safety Glass<sup>2</sup>

There are several types of air bags used by manufacturers. Two prevalent models are curtain air bags, which deploy to cover side windows, and tube airbags, which deploy to cover the side beam in an automobile. Both tube and curtain models are meant primarily to lessen head injuries in crashes. Other side air bag models are meant to primarily protect the torso, though some such models also extend upwards to offer head protection, as well. The type of air bag available in each automobile model is noted in this table.

Model	Side Air Bag			Laminated Side-Window Safety Glass
	Location	Type of Side Air Bag	Standard/Optional	Standard/Optional
<b>Acura</b>				
3.2 TL/MDX/TSX	Front	Torso and curtain	Standard	
	Rear	Curtain	Standard	
3.5 RL	Front	Torso	Standard	
RSX	Front	Torso	Standard	
<b>Audi</b>				
A4/S4 (except Cabriolet)	Front	Torso and curtain	Standard	
	Rear	Curtain	Standard	
	Rear	Torso	Optional	
A4 Cabriolet	Front	Torso/head	Standard	
A6/Allroad	Front	Torso and curtain	Standard	Optional
	Rear	Curtain	Standard	
	Rear	Torso	Optional	
A8	Front/rear	Torso and	Standard	Optional

		curtain		
TT	Front	Torso/head	Standard	
<b>BMW</b>				
3 Series/M3 (except conv.)	Front	Torso and inflatable tube	Standard	
	Rear	Torso	Optional	
3 Series/M3 conv.	Front	Torso	Standard	
	Rear	Torso	Optional	
5 Series	Front	Torso and inflatable tube	Standard	Optional
	Rear	Inflatable tube	Standard	
	Rear	Torso	Optional	
6 Series (except conv.)	Front	Torso and inflatable tube	Standard	Optional
6Series conv.	Front	Torso	Standard	
Z4 Roadster	Front	Torso	Standard	
7 Series	Front	Torso and inflatable tube	Standard	Optional
	Rear	Inflatable tube	Standard	
	Rear	Torso	Optional	
X3	Front	Torso and inflatable tube	Standard	Optional
	Rear	Inflatable tube	Standard	
	Rear	Torso	Optional	
X5	Front	Torso and inflatable tube	Standard	Optional
	Rear	Torso and inflatable tube	Optional	
Mini Cooper	Front	Torso and inflatable tube	Standard	
	Rear	Inflatable tube	Standard	
<b>Buick</b>				
Century/Regal	Driver only	Torso/head	Optional	
LeSabre	Front	Torso	Optional	
Rainier	Front	Torso	Optional	Optional
Park Avenue	Front	Torso	Standard	
Rendezvous	Driver	Torso/head	Optional	
<b>Cadillac</b>				
CTS	Front	Torso and curtain	Standard	
	Rear	Curtain	Standard	
DeVille	Front	Torso	Standard	
	Rear	Torso	Optional	
Escalade/ESV/EXT	Front	Torso	Standard	
Seville/XLR Roadster	Driver	Torso/head	Standard	
	Front passenger	Torso	Standard	
SRX	Front	Torso and curtain	Standard	
	Rear	Curtain	Standard	
<b>Chevrolet</b>				
Avalanche/Cavalier	Front	Torso	Optional	
Suburban/Tahoe	Front	Torso	Optional	

Colorado/Malibu	Front/rear	Curtain	Optional	
Impala/Monte Carlo	Driver only	Torso/head	Optional	
SSR	Front	Torso	Standard	
Trailblazer/EXT	Front	Torso	Optional	
Venture	Driver	Torso/head	Optional	
	Front passenger	Torso	Optional	
<b>Chrysler</b>				
300M /Concorde/PT Cruiser	Front	Torso/head	Optional	
Crossfire	Front	Torso	Standard	
Pacifica	Front/rear	Curtain	Optional	Optional
Sebring 4-door	Front/rear	Curtain	Optional	
Sebring 2-door (except conv.)	Front	Torso/head	Optional	
Town & Country	Front	Torso/head	Optional	
<b>Dodge</b>				
Caravan/Grand Caravan	Front	Torso/head	Optional	
Stratus 2-door	Front	Torso/head	Optional	
Stratus 4-door	Front/rear	Curtain	Optional	
Durango	Front/rear	Curtain	Optional	Optional
Ram pickup	Front/rear	Curtain	Optional	
Intrepid/Neon/SRT-4	Front	Torso/head	Optional	
<b>Ford</b>				
Crown Victoria	Front	Torso/head	Optional	
Escape	Front	Torso/head	Optional	
Explorer/Sport Trac	Front/rear	Curtain	Optional	
Expedition	Front/rear	Curtain	Optional	
Focus/Taurus	Front	Torso/head	Optional	
Freestar	Front	Torso and curtain	Optional	
	Rear	Curtain	Optional	
Thunderbird	Front	Torso/head	Standard	
<b>GMC</b>				
Canyon	Front/rear	Curtain	Optional	
Envoy/XL/XUV	Front	Torso	Optional	
Yukon/XL	Front	Torso	Optional	
<b>Honda</b>				
Accord	Front	Torso and curtain	Optional	
	Rear	Curtain	Optional	
Civic/CR-V/Element	Front	Torso	Optional	
Civic Hybrid/Pilot	Front	Torso	Standard	
Odyssey	Front	Torso	Standard	
<b>Hyundai</b>				
Accent/Elantra/Sonata/XG350	Front	Torso/head	Standard	
Santa Fe/Tiburon	Front	Torso/head	Standard	
<b>Infiniti</b>				
FX-series/G35/M45/Q45	Front	Torso and curtain	Standard	
	Rear	Curtain	Optional	
I35	Front	Torso/head	Standard	
<b>Isuzu</b>				
Ascender	Front	Torso	Standard	
<b>Jaguar</b>				

S-Type/XJ-Series/X-Type	Front	Torso and curtain	Standard	
	Rear	Curtain	Standard	
XK-Series	Front	Torso/head	Standard	
<b>Jeep</b>				
Grand Cherokee/Liberty	Front/rear	Curtain	Optional	
<b>Kia</b>				
Optima	Front	Torso/head	Standard	
Sorento	Front/rear	Curtain	Standard	
Amanti	Front/rear	Torso and curtain	Standard	
<b>Land Rover</b>				
Range Rover	Front	Torso and inflatable tube	Standard	
	Rear	Inflatable tube	Standard	
<b>Lexus</b>				
LS 430	Front	Torso and curtain	Standard	Optional
ES300/GX470	Front	Torso and curtain	Standard	
	Rear	Curtain	Standard	
LX470/RX330	Front	Torso and curtain	Standard	
	Rear	Curtain	Standard	
GS Series/IS300	Front	Torso and curtain	Standard	
SC430	Front	Torso	Standard	Optional
<b>Lincoln</b>				
Aviator/Navigator	Front/rear	Curtain	Standard	Standard front
LS	Front	Torso/head	Standard	
	Front	Torso and curtain	Optional	
	Rear	Curtain	Optional	
Town Car	Front	Torso/head	Standard	
<b>Mazda</b>				
MAZDA6	Front	Torso and curtain	Optional	
	Rear	Curtain	Optional	
MPV/Tribute	Front	Torso/head	Optional	
RX-8	Front	Torso and curtain	Standard	
	Rear	Curtain	Standard	
<b>Mercedes-Benz</b>				
C/CL Class/CLK Class 2-door	Front/rear	Torso and curtain	Standard	
CLK class conv.	Front	Torso/head	Standard	
	Rear	Torso	Standard	
E Class	Front/rear	Torso and curtain	Standard	Optional
S Class	Front/rear	Torso and curtain	Standard	Standard
M Class	Front/rear	Torso and curtain	Standard	

SL Class	Front	Torso/head	Standard	
SLK Class	Front	Torso	Standard	
<b>Mercury</b>				
Grand Marquis	Front	Torso/head	Standard	
Monterey	Front	Torso and curtain	Optional	
	Rear	Curtain	Optional	
Mountaineer	Front/rear	Curtain	Optional	
Sable	Front	Torso/head	Optional	
<b>Mini</b>				
Cooper	Front	Torso and inflatable tube	Standard	
	Rear	Inflatable tube	Standard	
<b>Mitsubishi</b>				
Eclipse/Galant/Lancer	Front	Torso	Optional	
Endeavor/Outlander	Front	Torso	Optional	
Montero	Front	Torso	Standard	
<b>Nissan</b>				
350Z (except conv.)	Front	Torso and curtain	Optional	
350Z conv.	Front	Torso	Optional	
Altima/Pathfinder/Titan	Front	Torso and curtain	Optional	
	Rear	Curtain	Optional	
Pathfinder Armada/Quest	Front	Curtain	Standard	
	Front	Torso	Optional	
	Rear	Curtain	Standard	
Maxima/Murano	Front	Torso and curtain	Standard	
	Rear	Curtain	Standard	
Sentra	Front	Torso/head	Optional	
Xterra	Front/rear	Curtain	Optional	
<b>Oldsmobile</b>				
Bravada	Front	Torso	Optional	
Silhouette	Driver	Torso/head	Standard	
	Front passenger	Torso	Standard	
<b>Pontiac</b>				
Aztek	Driver	Torso/head	Optional	
	Front passenger	Torso	Optional	
Bonneville	Front	Torso	Standard	
Grand Prix	Front/rear	Curtain	Optional	
Montana	Driver	Torso/head	Standard	
	Front passenger	Torso	Standard	
Sunfire/Vibe	Front	Torso	Optional	
<b>Porsche</b>				
911	Front	Torso	Standard	Optional
Boxster	Front	Torso	Standard	
Cayenne	Front	Torso and curtain	Standard	Optional
	Rear	Curtain	Standard	



<b>Saab</b>				
9-3 (except conv.)	Front	Torso and curtain	Standard	
	Rear	Curtain	Standard	
9-3 conv./9-5	Front	Torso/head	Standard	
<b>Saturn</b>				
Ion/Vue	Front/rear	Curtain	Optional	
L Series	Front/rear	Curtain	Standard	
<b>Scion</b>				
xA	Front	Torso and curtain	Optional	
	Rear	Curtain	Optional	
<b>Subaru</b>				
Forester	Front	Torso/head	Standard	
Impreza	Front	Torso/head	Optional	
Legacy/Outback	Front	Torso	Optional	
<b>Toyota</b>				
4Runner/Camry	Front	Torso and curtain	Optional	
	Rear	Curtain	Optional	
Camry Solara (except conv.)	Front	Torso	Standard	
	Front	Curtain	Optional	
	Rear	Curtain	Optional	
Camry Solara conv./Avalon	Front	Torso	Standard	
Celica/Corrola/Echo/Matrix	Front	Torso	Optional	
Highlander/Land Cruiser	Front	Torso and curtain	Optional	
	Rear	Curtain	Optional	
Prius/RAV4/Sienna	Front	Torso and curtain	Optional	
	Rear	Curtain	Optional	
Sequoia	Front	Torso and curtain	Optional	
<b>Volkswagen</b>				
Golf/Jetta/Passat/Touareg	Front	Torso and curtain	Standard	
	Rear	Curtain	Standard	
New Beetle/New Beetle conv.	Front	Torso/head	Standard	
Phaeton	Front/rear	Torso and curtain	Standard	Optional
<b>Volvo</b>				
C70	Front	Torso/head	Standard	
S40/S60	Front	Torso and curtain	Standard	Optional
	Rear	Curtain	Standard	
S80	Front	Torso and curtain	Standard	Standard
	Rear	Curtain	Standard	
V40/V70/XC90	Front	Torso and curtain	Standard	Standard
	Rear	Curtain	Standard	

## 2004 Model Year Safety Equipment: Parking Sensors and Cameras<sup>3</sup>

Year, Make, Model, Style/Trim	Equipment	Standard/ Optional
2004 Acura MDX Touring AWD 4dr SUV w/Nav (3.5L 6cyl 5A)	rear parking sensors	Standard
2004 Acura MDX Touring AWD 4dr SUV w/Nav (3.5L 6cyl 5A)	rear view camera	Standard
2004 Acura MDX Touring AWD 4dr SUV w/Nav and Entertainment System (3.5L 6cyl 5A)	rear parking sensors	Standard
2004 Acura MDX Touring AWD 4dr SUV w/Nav and Entertainment System (3.5L 6cyl 5A)	rear view camera	Standard
2004 Audi A6 2.7T quattro AWD 4dr Sedan (2.7L 6cyl Turbo 5A)	rear parking sensors	Optional
2004 Audi A6 2.7T quattro AWD 4dr Sedan (2.7L 6cyl Turbo 6M)	rear parking sensors	Optional
2004 Audi A6 3.0 Avant quattro AWD 4dr Wagon (3.0L 6cyl 5A)	rear parking sensors	Optional
2004 Audi A6 3.0 Fwd 4dr Sedan (3.0L 6cyl CVT)	rear parking sensors	Optional
2004 Audi A6 3.0 quattro AWD 4dr Sedan (3.0L 6cyl 5A)	rear parking sensors	Optional
2004 Audi A6 4.2 quattro AWD 4dr Sedan (4.2L 8cyl 5A)	rear parking sensors	Optional
2004 Audi A8 L quattro AWD 4dr Sedan (4.2L 8cyl 6A)	front and rear parking sensors	Optional
2004 Audi allroad quattro AWD 4dr Wagon (2.7L 6cyl Turbo 5A)	rear parking sensors	Optional
2004 Audi allroad quattro AWD 4dr Wagon (2.7L 6cyl Turbo 6M)	rear parking sensors	Optional
2004 Audi allroad quattro AWD 4dr Wagon (4.2L 8cyl 5A)	rear parking sensors	Optional
2004 BMW 3 Series 325Ci Rwd 2dr Convertible (2.5L 6cyl 5M)	rear parking sensors	Optional
2004 BMW 3 Series 325Ci Rwd 2dr Coupe (2.5L 6cyl 5M)	rear parking sensors	Optional
2004 BMW 3 Series 325i Rwd 4dr Sedan (2.5L 6cyl 5M)	rear parking sensors	Optional
2004 BMW 3 Series 325i Rwd 4dr Sport Wagon (2.5L 6cyl 5M)	rear parking sensors	Optional
2004 BMW 3 Series 325xi AWD 4dr Sedan (2.5L 6cyl 5M)	rear parking sensors	Optional
2004 BMW 3 Series 325xi AWD 4dr Sport Wagon (2.5L 6cyl 5M)	rear parking sensors	Optional
2004 BMW 3 Series 330Ci Rwd 2dr Convertible (3.0L 6cyl 6M)	rear parking sensors	Optional
2004 BMW 3 Series 330Ci Rwd 2dr Coupe (3.0L 6cyl 6M)	rear parking sensors	Optional
2004 BMW 3 Series 330i Rwd 4dr Sedan (3.0L 6cyl 6M)	rear parking sensors	Optional
2004 BMW 3 Series 330xi AWD 4dr Sedan (3.0L 6cyl 6M)	rear parking sensors	Optional
2004 BMW 5 Series 525i 4dr Sedan (2.5L 6cyl 6M)	front and rear parking sensors	Optional
2004 BMW 5 Series 530i 4dr Sedan (3.0L 6cyl 6M)	front and rear parking sensors	Optional
2004 BMW 5 Series 545i 4dr Sedan (4.4L 8cyl 6A)	front and rear parking sensors	Optional
2004 BMW 5 Series 545i 4dr Sedan (4.4L 8cyl 6M)	front and rear parking sensors	Optional
2004 BMW 7 Series 745i 4dr Sedan (4.4L 8cyl 6A)	front and rear parking sensors	Optional
2004 BMW 7 Series 745Li 4dr Sedan (4.4L 8cyl 6A)	front and rear parking sensors	Optional
2004 BMW 7 Series 760Li 4dr Sedan (6.0L 12cyl 6A)	front and rear parking sensors	Standard
2004 BMW M3 2dr Convertible (3.2L 6cyl 6M)	rear parking sensors	Optional
2004 BMW M3 2dr Convertible (3.2L 6cyl 6M)	rear parking sensors	Optional
2004 BMW M3 2dr Coupe (3.2L 6cyl 6M)	rear parking sensors	Optional
2004 BMW M3 2dr Coupe (3.2L 6cyl 6M)	rear parking sensors	Optional
2004 BMW X3 2.5i AWD 4dr SUV (2.5L 6cyl 6M)	front and rear parking sensors	Optional
2004 BMW X3 3.0i AWD 4dr SUV (3.0L 6cyl 6M)	front and rear parking sensors	Optional

2004 BMW X5 3.0i AWD 4dr SUV (3.0L 6cyl 6M)	front and rear parking sensors	Optional
2004 BMW X5 4.4i AWD 4dr SUV (4.4L 8cyl 6A)	front and rear parking sensors	Optional
2004 Buick Park Avenue 4dr Sedan (3.8L 6cyl 4A)	rear parking sensors	Optional
2004 Buick Park Avenue 4dr Sedan (3.8L 6cyl 4A)	rear parking sensors	Optional
2004 Buick Park Avenue Ultra 4dr Sedan (3.8L 6cyl S/C 4A)	rear parking sensors	Optional
2004 Buick Rendezvous CX AWD 4dr SUV (3.4L 6cyl 4A)	rear parking sensors	Optional
2004 Buick Rendezvous CX Fwd 4dr SUV (3.4L 6cyl 4A)	rear parking sensors	Optional
2004 Buick Rendezvous CXL AWD 4dr SUV (3.4L 6cyl 4A)	rear parking sensors	Standard
2004 Buick Rendezvous CXL Fwd 4dr SUV (3.4L 6cyl 4A)	rear parking sensors	Standard
2004 Buick Rendezvous Ultra AWD 4dr SUV (3.6L 6cyl 4A)	rear parking sensors	Standard
2004 Cadillac DeVille 4dr Sedan (4.6L 8cyl 4A)	rear parking sensors	Optional
2004 Cadillac DeVille DHS 4dr Sedan (4.6L 8cyl 4A)	rear parking sensors	Optional
2004 Cadillac DeVille DTS 4dr Sedan (4.6L 8cyl 4A)	rear parking sensors	Optional
2004 Cadillac Escalade AWD 4dr SUV (6.0L 8cyl 4A)	rear parking sensors	Standard
2004 Cadillac Escalade ESV AWD 4dr SUV (6.0L 8cyl 4A)	rear parking sensors	Standard
2004 Cadillac Escalade ESV Platinum Edition AWD 4dr SUV (6.0L 8cyl 4A)	rear parking sensors	Standard
2004 Cadillac Escalade EXT 4dr Crew Cab AWD (6.0L 8cyl 4A)	rear parking sensors	Standard
2004 Cadillac Escalade Rwd 4dr SUV (5.3L 8cyl 4A)	rear parking sensors	Standard
2004 Cadillac Seville SLS 4dr Sedan (4.6L 8cyl 4A)	rear parking sensors	Standard
2004 Cadillac SRX AWD 4dr SUV (3.6L 6cyl 5A)	rear parking sensors	Standard
2004 Cadillac SRX AWD 4dr SUV (4.6L 8cyl 5A)	rear parking sensors	Standard
2004 Cadillac SRX Rwd 4dr SUV (3.6L 6cyl 5A)	rear parking sensors	Standard
2004 Cadillac SRX Rwd 4dr SUV (4.6L 8cyl 5A)	rear parking sensors	Standard
2004 Cadillac XLR 2dr Roadster (4.6L 8cyl 5A)	rear parking sensors	Standard
2004 Chevrolet Venture LS Fwd 4dr Ext Minivan (3.4L 6cyl 4A)	rear parking sensors	Optional
2004 Chevrolet Venture LT Entertainer AWD 4dr Ext Minivan (3.4L 6cyl 4A)	rear parking sensors	Optional
2004 Chevrolet Venture LT Entertainer Fwd 4dr Ext Minivan (3.4L 6cyl 4A)	rear parking sensors	Optional
2004 Ford Escape Limited 4WD 4dr SUV (3.0L 6cyl 4A)	rear parking sensors	Optional
2004 Ford Escape Limited Fwd 4dr SUV (3.0L 6cyl 4A)	rear parking sensors	Optional
2004 Ford Excursion Eddie Bauer 4WD 4dr SUV (6.0L 8cyl Turbodiesel 5A)	rear parking sensors	Standard
2004 Ford Excursion Eddie Bauer 4WD 4dr SUV (6.8L 10cyl 4A)	rear parking sensors	Standard
2004 Ford Excursion Eddie Bauer Rwd 4dr SUV (5.4L 8cyl 4A)	rear parking sensors	Standard
2004 Ford Excursion Eddie Bauer Rwd 4dr SUV (6.0L 8cyl Turbodiesel 5A)	rear parking sensors	Standard
2004 Ford Excursion Eddie Bauer Rwd 4dr SUV (6.8L 10cyl 4A)	rear parking sensors	Standard
2004 Ford Excursion Limited 4WD 4dr SUV (6.0L 8cyl Turbodiesel 5A)	rear parking sensors	Standard
2004 Ford Excursion Limited 4WD 4dr SUV (6.8L 10cyl 4A)	rear parking sensors	Standard
2004 Ford Excursion Limited Rwd 4dr SUV (5.4L 8cyl 4A)	rear parking sensors	Standard
2004 Ford Excursion Limited Rwd 4dr SUV (6.0L 8cyl Turbodiesel 5A)	rear parking sensors	Standard
2004 Ford Excursion Limited Rwd 4dr SUV (6.8L 10cyl 4A)	rear parking sensors	Standard
2004 Ford Excursion XLT 4WD 4dr SUV (5.4L 8cyl 4A)	rear parking sensors	Optional
2004 Ford Excursion XLT 4WD 4dr SUV (6.0L 8cyl Turbodiesel 5A)	rear parking sensors	Optional
2004 Ford Excursion XLT 4WD 4dr SUV (6.8L 10cyl 4A)	rear parking sensors	Optional
2004 Ford Excursion XLT Rwd 4dr SUV (5.4L 8cyl 4A)	rear parking sensors	Optional
2004 Ford Excursion XLT Rwd 4dr SUV (6.0L 8cyl Turbodiesel 5A)	rear parking sensors	Optional
2004 Ford Excursion XLT Rwd 4dr SUV (6.8L 10cyl 4A)	rear parking sensors	Optional
2004 Ford Expedition Eddie Bauer 4WD 4dr SUV (5.4L 8cyl 4A)	rear parking sensors	Standard

2004 Ford Expedition Eddie Bauer Rwd 4dr SUV (4.6L 8cyl 4A)	rear parking sensors	Standard
2004 Ford Expedition Eddie Bauer Rwd 4dr SUV (5.4L 8cyl 4A)	rear parking sensors	Standard
2004 Ford Expedition XLT 4WD 4dr SUV (4.6L 8cyl 4A)	rear parking sensors	Optional
2004 Ford Expedition XLT 4WD 4dr SUV (5.4L 8cyl 4A)	rear parking sensors	Optional
2004 Ford Expedition XLT Rwd 4dr SUV (4.6L 8cyl 4A)	rear parking sensors	Optional
2004 Ford Expedition XLT Rwd 4dr SUV (5.4L 8cyl 4A)	rear parking sensors	Optional
2004 Ford Expedition XLT Sport 4WD 4dr SUV (4.6L 8cyl 4A)	rear parking sensors	Optional
2004 Ford Expedition XLT Sport 4WD 4dr SUV (5.4L 8cyl 4A)	rear parking sensors	Optional
2004 Ford Expedition XLT Sport Rwd 4dr SUV (4.6L 8cyl 4A)	rear parking sensors	Optional
2004 Ford Expedition XLT Sport Rwd 4dr SUV (5.4L 8cyl 4A)	rear parking sensors	Optional
2004 Ford Explorer Eddie Bauer 4WD 4dr SUV (4.0L 6cyl 5A)	rear parking sensors	Optional
2004 Ford Explorer Eddie Bauer 4WD 4dr SUV (4.6L 8cyl 5A)	rear parking sensors	Optional
2004 Ford Explorer Eddie Bauer AWD 4dr SUV (4.0L 6cyl 5A)	rear parking sensors	Optional
2004 Ford Explorer Eddie Bauer AWD 4dr SUV (4.6L 8cyl 5A)	rear parking sensors	Optional
2004 Ford Explorer Eddie Bauer Rwd 4dr SUV (4.0L 6cyl 5A)	rear parking sensors	Optional
2004 Ford Explorer Eddie Bauer Rwd 4dr SUV (4.6L 8cyl 5A)	rear parking sensors	Optional
2004 Ford Explorer Limited 4WD 4dr SUV (4.0L 6cyl 5A)	rear parking sensors	Optional
2004 Ford Explorer Limited 4WD 4dr SUV (4.6L 8cyl 5A)	rear parking sensors	Optional
2004 Ford Explorer Limited AWD 4dr SUV (4.0L 6cyl 5A)	rear parking sensors	Optional
2004 Ford Explorer Limited AWD 4dr SUV (4.6L 8cyl 5A)	rear parking sensors	Optional
2004 Ford Explorer Limited Rwd 4dr SUV (4.0L 6cyl 5A)	rear parking sensors	Optional
2004 Ford Explorer Limited Rwd 4dr SUV (4.6L 8cyl 5A)	rear parking sensors	Optional
2004 Ford Explorer XLT 4WD 4dr SUV (4.0L 6cyl 5A)	rear parking sensors	Optional
2004 Ford Explorer XLT 4WD 4dr SUV (4.6L 8cyl 5A)	rear parking sensors	Optional
2004 Ford Explorer XLT AWD 4dr SUV (4.0L 6cyl 5A)	rear parking sensors	Optional
2004 Ford Explorer XLT AWD 4dr SUV (4.6L 8cyl 5A)	rear parking sensors	Optional
2004 Ford Explorer XLT Rwd 4dr SUV (4.0L 6cyl 5A)	rear parking sensors	Optional
2004 Ford Explorer XLT Rwd 4dr SUV (4.6L 8cyl 5A)	rear parking sensors	Optional
2004 Ford Explorer XLT Sport 4WD 4dr SUV (4.0L 6cyl 5A)	rear parking sensors	Optional
2004 Ford Explorer XLT Sport 4WD 4dr SUV (4.6L 8cyl 5A)	rear parking sensors	Optional
2004 Ford Explorer XLT Sport AWD 4dr SUV (4.0L 6cyl 5A)	rear parking sensors	Optional
2004 Ford Explorer XLT Sport AWD 4dr SUV (4.6L 8cyl 5A)	rear parking sensors	Optional
2004 Ford Explorer XLT Sport Rwd 4dr SUV (4.0L 6cyl 5A)	rear parking sensors	Optional
2004 Ford Explorer XLT Sport Rwd 4dr SUV (4.6L 8cyl 5A)	rear parking sensors	Optional
2004 Ford F-150 2dr Regular Cab FX4 4WD Flareside 6.5 ft. SB (5.4L 8cyl 4A)	rear parking sensors	Optional
2004 Ford F-150 2dr Regular Cab FX4 4WD Styleside 6.5 ft. SB (5.4L 8cyl 4A)	rear parking sensors	Optional
2004 Ford F-150 2dr Regular Cab XLT 4WD Flareside 6.5 ft. SB (4.6L 8cyl 4A)	rear parking sensors	Optional
2004 Ford F-150 2dr Regular Cab XLT 4WD Styleside 6.5 ft. SB (4.6L 8cyl 4A)	rear parking sensors	Optional
2004 Ford F-150 2dr Regular Cab XLT 4WD Styleside 8 ft. LB (4.6L 8cyl 4A)	rear parking sensors	Optional
2004 Ford F-150 2dr Regular Cab XLT Rwd Flareside 6.5 ft. SB (4.6L 8cyl 4A)	rear parking sensors	Optional
2004 Ford F-150 2dr Regular Cab XLT Rwd Styleside 6.5 ft. SB (4.6L 8cyl 4A)	rear parking sensors	Optional
2004 Ford F-150 2dr Regular Cab XLT Rwd Styleside 8 ft. LB (4.6L 8cyl 4A)	rear parking sensors	Optional
2004 Ford F-150 4dr SuperCab FX4 4WD Flareside 6.5 ft. SB (5.4L 8cyl 4A)	rear parking sensors	Optional
2004 Ford F-150 4dr SuperCab FX4 4WD Styleside 5.5 ft. SB (5.4L 8cyl 4A)	rear parking sensors	Optional
2004 Ford F-150 4dr SuperCab FX4 4WD Styleside 6.5 ft. SB (5.4L 8cyl 4A)	rear parking sensors	Optional
2004 Ford F-150 4dr SuperCab Lariat 4WD Styleside 5.5 ft. SB (5.4L 8cyl 4A)	rear parking sensors	Optional
2004 Ford F-150 4dr SuperCab Lariat 4WD Styleside 6.5 ft. SB (5.4L 8cyl 4A)	rear parking sensors	Optional



6M)		
2004 Ford F-350 Super Duty 4dr Crew Cab Lariat Rwd LB (5.4L 8cyl 6M)	rear parking sensors	Optional
2004 Ford F-350 Super Duty 4dr Crew Cab Lariat Rwd LB DRW (6.8L 10cyl 6M)	rear parking sensors	Optional
2004 Ford F-350 Super Duty 4dr Crew Cab Lariat Rwd SB (5.4L 8cyl 6M)	rear parking sensors	Optional
2004 Ford F-350 Super Duty 4dr Crew Cab Lariat Rwd SB DRW (6.8L 10cyl 6M)	rear parking sensors	Optional
2004 Ford F-350 Super Duty 4dr Crew Cab XL 4WD LB (5.4L 8cyl 6M)	rear parking sensors	Optional
2004 Ford F-350 Super Duty 4dr Crew Cab XL 4WD LB DRW (6.8L 10cyl 6M)	rear parking sensors	Optional
2004 Ford F-350 Super Duty 4dr Crew Cab XL 4WD SB (5.4L 8cyl 6M)	rear parking sensors	Optional
2004 Ford F-350 Super Duty 4dr Crew Cab XL 4WD SB DRW (6.8L 10cyl 6M)	rear parking sensors	Optional
2004 Ford F-350 Super Duty 4dr Crew Cab XL Rwd LB (5.4L 8cyl 6M)	rear parking sensors	Optional
2004 Ford F-350 Super Duty 4dr Crew Cab XL Rwd LB DRW (6.8L 10cyl 6M)	rear parking sensors	Optional
2004 Ford F-350 Super Duty 4dr Crew Cab XL Rwd SB (5.4L 8cyl 6M)	rear parking sensors	Optional
2004 Ford F-350 Super Duty 4dr Crew Cab XL Rwd SB DRW (6.8L 10cyl 6M)	rear parking sensors	Optional
2004 Ford F-350 Super Duty 4dr Crew Cab XLT 4WD LB (5.4L 8cyl 6M)	rear parking sensors	Optional
2004 Ford F-350 Super Duty 4dr Crew Cab XLT 4WD LB DRW (6.8L 10cyl 6M)	rear parking sensors	Optional
2004 Ford F-350 Super Duty 4dr Crew Cab XLT 4WD SB (5.4L 8cyl 6M)	rear parking sensors	Optional
2004 Ford F-350 Super Duty 4dr Crew Cab XLT 4WD SB DRW (6.8L 10cyl 6M)	rear parking sensors	Optional
2004 Ford F-350 Super Duty 4dr Crew Cab XLT Rwd LB (5.4L 8cyl 6M)	rear parking sensors	Optional
2004 Ford F-350 Super Duty 4dr Crew Cab XLT Rwd LB DRW (6.8L 10cyl 6M)	rear parking sensors	Optional
2004 Ford F-350 Super Duty 4dr Crew Cab XLT Rwd SB (5.4L 8cyl 6M)	rear parking sensors	Optional
2004 Ford F-350 Super Duty 4dr Crew Cab XLT Rwd SB DRW (6.8L 10cyl 6M)	rear parking sensors	Optional
2004 Ford F-350 Super Duty 4dr SuperCab Lariat 4WD LB (5.4L 8cyl 6M)	rear parking sensors	Optional
2004 Ford F-350 Super Duty 4dr SuperCab Lariat 4WD LB DRW (5.4L 8cyl 6M)	rear parking sensors	Optional
2004 Ford F-350 Super Duty 4dr SuperCab Lariat 4WD SB (5.4L 8cyl 6M)	rear parking sensors	Optional
2004 Ford F-350 Super Duty 4dr SuperCab Lariat 4WD SB DRW (5.4L 8cyl 6M)	rear parking sensors	Optional
2004 Ford F-350 Super Duty 4dr SuperCab Lariat Rwd LB (5.4L 8cyl 6M)	rear parking sensors	Optional
2004 Ford F-350 Super Duty 4dr SuperCab Lariat Rwd LB DRW (5.4L 8cyl 6M)	rear parking sensors	Optional
2004 Ford F-350 Super Duty 4dr SuperCab Lariat Rwd SB (5.4L 8cyl 6M)	rear parking sensors	Optional
2004 Ford F-350 Super Duty 4dr SuperCab Lariat Rwd SB DRW (5.4L 8cyl 6M)	rear parking sensors	Optional
2004 Ford F-350 Super Duty 4dr SuperCab XL 4WD LB (5.4L 8cyl 6M)	rear parking sensors	Optional
2004 Ford F-350 Super Duty 4dr SuperCab XL 4WD LB DRW (5.4L 8cyl 6M)	rear parking sensors	Optional
2004 Ford F-350 Super Duty 4dr SuperCab XL 4WD SB (5.4L 8cyl 6M)	rear parking sensors	Optional
2004 Ford F-350 Super Duty 4dr SuperCab XL 4WD SB DRW (5.4L 8cyl 6M)	rear parking sensors	Optional
2004 Ford F-350 Super Duty 4dr SuperCab XL Rwd LB (5.4L 8cyl 6M)	rear parking sensors	Optional
2004 Ford F-350 Super Duty 4dr SuperCab XL Rwd LB DRW (5.4L 8cyl 6M)	rear parking sensors	Optional
2004 Ford F-350 Super Duty 4dr SuperCab XL Rwd SB (5.4L 8cyl 6M)	rear parking sensors	Optional
2004 Ford F-350 Super Duty 4dr SuperCab XL Rwd SB DRW (5.4L 8cyl 6M)	rear parking sensors	Optional
2004 Ford F-350 Super Duty 4dr SuperCab XLT 4WD LB (5.4L 8cyl 6M)	rear parking sensors	Optional
2004 Ford F-350 Super Duty 4dr SuperCab XLT 4WD LB DRW (5.4L 8cyl 6M)	rear parking sensors	Optional
2004 Ford F-350 Super Duty 4dr SuperCab XLT 4WD SB (5.4L 8cyl 6M)	rear parking sensors	Optional
2004 Ford F-350 Super Duty 4dr SuperCab XLT 4WD SB DRW (5.4L 8cyl 6M)	rear parking sensors	Optional
2004 Ford F-350 Super Duty 4dr SuperCab XLT Rwd LB (5.4L 8cyl 6M)	rear parking sensors	Optional
2004 Ford F-350 Super Duty 4dr SuperCab XLT Rwd LB DRW (5.4L 8cyl 6M)	rear parking sensors	Optional
2004 Ford F-350 Super Duty 4dr SuperCab XLT Rwd SB (5.4L 8cyl 6M)	rear parking sensors	Optional
2004 Ford Freestar Limited 4dr Minivan (4.2L 6cyl 4A)	rear parking sensors	Optional
2004 Ford Freestar SEL 4dr Minivan (4.2L 6cyl 4A)	rear parking sensors	Optional
2004 Infiniti FX35 AWD 4dr SUV (3.5L 6cyl 5A)	rear view camera	Optional
2004 Infiniti FX35 Rwd 4dr SUV (3.5L 6cyl 5A)	rear view camera	Optional
2004 Infiniti FX45 AWD 4dr SUV (4.5L 8cyl 5A)	rear view camera	Optional

2004 Jaguar S-Type R 4dr Sedan (4.2L 8cyl S/C 6A)	rear parking sensors	Standard
2004 Jaguar S-Type V6 4dr Sedan (3.0L 6cyl 6A)	rear parking sensors	Standard
2004 Jaguar S-Type V8 4dr Sedan (4.2L 8cyl 6A)	rear parking sensors	Standard
2004 Jaguar XJR 4dr Sedan (4.2L 8cyl S/C 6A)	front and rear parking sensors	Optional
2004 Jaguar XJR 4dr Sedan (4.2L 8cyl S/C 6A)	rear parking sensors	Standard
2004 Jaguar XJ-Series Vanden Plas 4dr Sedan (4.2L 8cyl 6A)	front and rear parking sensors	Optional
2004 Jaguar XJ-Series Vanden Plas 4dr Sedan (4.2L 8cyl 6A)	rear parking sensors	Standard
2004 Jaguar XJ-Series XJ8 4dr Sedan (4.2L 8cyl 6A)	rear parking sensors	Standard
2004 Jaguar XJ-Series XJ8 4dr Sedan (4.2L 8cyl 6A)	front and rear parking sensors	Optional
2004 Jaguar XKR 2dr Convertible (4.2L 8cyl S/C 6A)	rear parking sensors	Standard
2004 Jaguar XKR 2dr Coupe (4.2L 8cyl S/C 6A)	rear parking sensors	Standard
2004 Jaguar XK-Series XK8 2dr Convertible (4.2L 8cyl 6A)	rear parking sensors	Standard
2004 Jaguar XK-Series XK8 2dr Coupe (4.2L 8cyl 6A)	rear parking sensors	Standard
2004 Jaguar X-Type 3.0 4dr AWD Sedan (3.0L 6cyl 5A)	rear parking sensors	Optional
2004 Jaguar X-Type 3.0 4dr AWD Sedan (3.0L 6cyl 5A)	rear parking sensors	Optional
2004 Land Rover Discovery HSE 4WD 4dr SUV (4.6L 8cyl 4A)	rear parking sensors	Standard
2004 Land Rover Discovery S 4WD 4dr SUV (4.6L 8cyl 4A)	rear parking sensors	Optional
2004 Land Rover Discovery SE 4WD 4dr SUV (4.6L 8cyl 4A)	rear parking sensors	Optional
2004 Land Rover Freelander HSE 4dr AWD SUV (2.5L 6cyl 5A)	rear parking sensors	Optional
2004 Land Rover Freelander SE3 2dr AWD SUV (2.5L 6cyl 5A)	rear parking sensors	Optional
2004 Land Rover Range Rover HSE 4WD 4dr SUV (4.4L 8cyl 5A)	front and rear parking sensors	Standard
2004 Lexus LS 430 4dr Sedan (4.3L 8cyl 6A)	rear view camera	Optional
2004 Lexus LS 430 4dr Sedan (4.3L 8cyl 6A)	rear view camera	Optional
2004 Lexus LS 430 4dr Sedan (4.3L 8cyl 6A)	front and rear parking sensors	Optional
2004 Lexus LS 430 4dr Sedan (4.3L 8cyl 6A)	front and rear parking sensors	Optional
2004 Lexus LS 430 4dr Sedan (4.3L 8cyl 6A)	rear view camera	Optional
2004 Lexus LS 430 4dr Sedan (4.3L 8cyl 6A)	front and rear parking sensors	Optional
2004 Lexus LS 430 4dr Sedan (4.3L 8cyl 6A)	front and rear parking sensors	Optional
2004 Lexus LX 470 4WD 4dr SUV (4.7L 8cyl 5A)	rear view camera	Standard
2004 Lexus RX 330 4dr AWD SUV (3.3L 6cyl 5A)	rear view camera	Optional
2004 Lexus RX 330 4dr AWD SUV (3.3L 6cyl 5A)	rear view camera	Optional
2004 Lexus RX 330 4dr Fwd SUV (3.3L 6cyl 5A)	rear view camera	Optional
2004 Lexus RX 330 4dr Fwd SUV (3.3L 6cyl 5A)	rear view camera	Optional
2004 Lincoln Aviator Luxury AWD 4dr SUV (4.6L 8cyl 5A)	rear parking sensors	Standard
2004 Lincoln Aviator Luxury Rwd 4dr SUV (4.6L 8cyl 5A)	rear parking sensors	Standard
2004 Lincoln Aviator Ultimate AWD 4dr SUV (4.6L 8cyl 5A)	rear parking sensors	Standard
2004 Lincoln Aviator Ultimate Rwd 4dr SUV (4.6L 8cyl 5A)	rear parking sensors	Standard
2004 Lincoln LS Appearance Option Package 4dr Sedan (3.0L 6cyl 5A)	rear parking sensors	Optional
2004 Lincoln LS Luxury 4dr Sedan (3.0L 6cyl 5A)	rear parking sensors	Optional
2004 Lincoln LS Premium 4dr Sedan (3.0L 6cyl 5A)	rear parking sensors	Optional
2004 Lincoln LS Sport 4dr Sedan (3.9L 8cyl 5A)	rear parking sensors	Optional
2004 Lincoln LS Ultimate 4dr Sedan (3.9L 8cyl 5A)	rear parking sensors	Optional
2004 Lincoln Navigator Luxury 4WD 4dr SUV (5.4L 8cyl 4A)	rear parking sensors	Standard

2004 Lincoln Navigator Luxury Rwd 4dr SUV (5.4L 8cyl 4A)	rear parking sensors	Standard
2004 Lincoln Navigator Ultimate 4WD 4dr SUV (5.4L 8cyl 4A)	rear parking sensors	Standard
2004 Lincoln Navigator Ultimate Rwd 4dr SUV (5.4L 8cyl 4A)	rear parking sensors	Standard
2004 Lincoln Town Car Signature 4dr Sedan (4.6L 8cyl 4A)	rear parking sensors	Standard
2004 Lincoln Town Car Ultimate 4dr Sedan (4.6L 8cyl 4A)	rear parking sensors	Standard
2004 Lincoln Town Car Ultimate L 4dr Sedan (4.6L 8cyl 4A)	rear parking sensors	Standard
2004 Maserati Coupe Cambiocorsa 2dr Coupe (4.2L 8cyl 6A)	rear parking sensors	Optional
2004 Maserati Coupe GT 2dr Coupe (4.2L 8cyl 6M)	rear parking sensors	Optional
2004 Maserati Spyder Cambiocorsa 2dr Convertible (4.2L 8cyl 6A)	rear parking sensors	Optional
2004 Maserati Spyder GT 2dr Convertible (4.2L 8cyl 6M)	rear parking sensors	Optional
2004 Maybach 57 4dr Sedan (5.5L 12cyl Turbo 5A)	front and rear parking sensors	Standard
2004 Maybach 62 4dr Sedan (5.5L 12cyl Turbo 5A)	front and rear parking sensors	Standard
2004 Mercedes-Benz CL55 AMG 2dr Coupe (5.5L 8cyl S/C 5A)	front and rear parking sensors	Optional
2004 Mercedes-Benz CL-Class CL500 2dr Coupe (5.0L 8cyl 7A)	front and rear parking sensors	Optional
2004 Mercedes-Benz CL-Class CL600 2dr Coupe (5.5L 12cyl Turbo 5A)	front and rear parking sensors	Optional
2004 Mercedes-Benz CLK55 AMG 2dr Cabriolet (5.4L 8cyl 5A)	front and rear parking sensors	Optional
2004 Mercedes-Benz CLK55 AMG 2dr Coupe (5.4L 8cyl 5A)	front and rear parking sensors	Optional
2004 Mercedes-Benz CLK-Class CLK320 2dr Cabriolet (3.2L 6cyl 5A)	front and rear parking sensors	Optional
2004 Mercedes-Benz CLK-Class CLK320 2dr Coupe (3.2L 6cyl 5A)	front and rear parking sensors	Optional
2004 Mercedes-Benz CLK-Class CLK500 2dr Cabriolet (5.0L 8cyl 5A)	front and rear parking sensors	Optional
2004 Mercedes-Benz CLK-Class CLK500 2dr Coupe (5.0L 8cyl 5A)	front and rear parking sensors	Optional
2004 Mercedes-Benz E55 AMG 4dr Sedan (5.5L 8cyl S/C 5A)	front and rear parking sensors	Optional
2004 Mercedes-Benz E-Class E320 4MATIC AWD 4dr Sedan (3.2L 6cyl 5A)	front and rear parking sensors	Optional
2004 Mercedes-Benz E-Class E320 Rwd 4dr Sedan (3.2L 6cyl 5A)	front and rear parking sensors	Optional
2004 Mercedes-Benz E-Class E500 4MATIC AWD 4dr Sedan (5.0L 8cyl 5A)	front and rear parking sensors	Optional
2004 Mercedes-Benz E-Class E500 Rwd 4dr Sedan (5.0L 8cyl 7A)	front and rear parking sensors	Optional
2004 Mercedes-Benz G-Class G500 4WD SUV (5.0L 8cyl 5A)	rear parking sensors	Standard
2004 Mercedes-Benz M-Class ML350 AWD 4dr SUV (3.7L 6cyl 5A)	front and rear parking sensors	Optional
2004 Mercedes-Benz M-Class ML500 AWD 4dr SUV (5.0L 8cyl 5A)	front and rear parking sensors	Optional
2004 Mercedes-Benz S55 AMG 4dr Sedan (5.5L 8cyl S/C 5A)	front and rear parking sensors	Optional
2004 Mercedes-Benz S-Class S430 4dr Sedan (4.3L 8cyl 7A)	front and rear parking sensors	Optional
2004 Mercedes-Benz S-Class S430 4MATIC AWD 4dr Sedan (4.3L 8cyl 5A)	front and rear parking sensors	Optional
2004 Mercedes-Benz S-Class S500 4dr Sedan (5.0L 8cyl 7A)	front and rear parking sensors	Optional
2004 Mercedes-Benz S-Class S500 4MATIC AWD 4dr Sedan (5.0L 8cyl 5A)	front and rear parking sensors	Optional



2004 Mercedes-Benz S-Class S600 4dr Sedan (5.5L 12cyl Turbo 5A)	front and rear parking sensors	Standard
2004 Mercedes-Benz SL55 AMG 2dr Convertible (5.5L 8cyl S/C 5A)	front and rear parking sensors	Optional
2004 Mercedes-Benz SL-Class SL500 2dr Convertible (5.0L 8cyl 7A)	front and rear parking sensors	Optional
2004 Mercedes-Benz SL-Class SL600 2dr Convertible (5.5L 12cyl Turbo 5A)	front and rear parking sensors	Optional
2004 Mercury Monterey Convenience 4dr Minivan (4.2L 6cyl 4A)	front and rear parking sensors	Standard
2004 Mercury Monterey Luxury 4dr Minivan (4.2L 6cyl 4A)	front and rear parking sensors	Standard
2004 Mercury Monterey Premier 4dr Minivan (4.2L 6cyl 4A)	front and rear parking sensors	Standard
2004 Mercury Mountaineer Convenience AWD 4dr SUV (4.0L 6cyl 5A)	rear parking sensors	Optional
2004 Mercury Mountaineer Convenience AWD 4dr SUV (4.6L 8cyl 5A)	rear parking sensors	Optional
2004 Mercury Mountaineer Convenience Rwd 4dr SUV (4.0L 6cyl 5A)	rear parking sensors	Optional
2004 Mercury Mountaineer Convenience Rwd 4dr SUV (4.6L 8cyl 5A)	rear parking sensors	Optional
2004 Mercury Mountaineer Luxury AWD 4dr SUV (4.0L 6cyl 5A)	rear parking sensors	Optional
2004 Mercury Mountaineer Luxury AWD 4dr SUV (4.6L 8cyl 5A)	rear parking sensors	Optional
2004 Mercury Mountaineer Luxury Rwd 4dr SUV (4.0L 6cyl 5A)	rear parking sensors	Optional
2004 Mercury Mountaineer Luxury Rwd 4dr SUV (4.6L 8cyl 5A)	rear parking sensors	Optional
2004 Mercury Mountaineer Premier AWD 4dr SUV (4.0L 6cyl 5A)	rear parking sensors	Standard
2004 Mercury Mountaineer Premier AWD 4dr SUV (4.6L 8cyl 5A)	rear parking sensors	Standard
2004 Mercury Mountaineer Premier Rwd 4dr SUV (4.0L 6cyl 5A)	rear parking sensors	Standard
2004 Mercury Mountaineer Premier Rwd 4dr SUV (4.6L 8cyl 5A)	rear parking sensors	Standard
2004 MINI Cooper 2dr Hatchback (1.6L 4cyl 5M)	rear parking sensors	Optional
2004 MINI Cooper S 2dr Hatchback (1.6L 4cyl S/C 6M)	rear parking sensors	Optional
2004 Nissan Pathfinder Armada LE 4WD 4dr SUV (5.6L 8cyl 5A)	rear parking sensors	Standard
2004 Nissan Pathfinder Armada LE Rwd 4dr SUV (5.6L 8cyl 5A)	rear parking sensors	Standard
2004 Nissan Pathfinder Armada SE 4WD 4dr SUV (5.6L 8cyl 5A)	rear parking sensors	Standard
2004 Nissan Pathfinder Armada SE Off-Road 4WD 4dr SUV (5.6L 8cyl 5A)	rear parking sensors	Standard
2004 Nissan Pathfinder Armada SE Off-Road Rwd 4dr SUV (5.6L 8cyl 5A)	rear parking sensors	Standard
2004 Nissan Pathfinder Armada SE Rwd 4dr SUV (5.6L 8cyl 5A)	rear parking sensors	Standard
2004 Nissan Quest 3.5 S 4dr Minivan (3.5L 6cyl 4A)	rear parking sensors	Optional
2004 Nissan Quest 3.5 SE 4dr Minivan (3.5L 6cyl 5A)	rear parking sensors	Standard
2004 Nissan Quest 3.5 SL 4dr Minivan (3.5L 6cyl 4A)	rear parking sensors	Optional
2004 Nissan Titan 4dr Crew Cab LE 4WD SB (5.6L 8cyl 5A)	rear parking sensors	Optional
2004 Nissan Titan 4dr Crew Cab LE Rwd SB (5.6L 8cyl 5A)	rear parking sensors	Optional
2004 Nissan Titan 4dr King Cab LE 4WD SB (5.6L 8cyl 5A)	rear parking sensors	Optional
2004 Nissan Titan 4dr King Cab LE Rwd SB (5.6L 8cyl 5A)	rear parking sensors	Optional
2004 Oldsmobile Silhouette GLS AWD 4dr Ext Minivan (3.4L 6cyl 4A)	rear parking sensors	Standard
2004 Oldsmobile Silhouette GLS Fwd 4dr Ext Minivan (3.4L 6cyl 4A)	rear parking sensors	Standard
2004 Oldsmobile Silhouette Premiere AWD 4dr Ext Minivan (3.4L 6cyl 4A)	rear parking sensors	Standard
2004 Oldsmobile Silhouette Premiere Fwd 4dr Ext Minivan (3.4L 6cyl 4A)	rear parking sensors	Standard
2004 Pontiac Montana AWD 4dr Ext Minivan (3.4L 6cyl 4A)	rear parking sensors	Optional
2004 Pontiac Montana Fwd 4dr Ext Minivan (3.4L 6cyl 4A)	rear parking sensors	Optional
2004 Pontiac Montana MontanaVision Fwd 4dr Ext Minivan (3.4L 6cyl 4A)	rear parking sensors	Optional
2004 Porsche 911 Carrera 4 AWD 2dr Cabriolet (3.6L 6cyl 6M)	rear parking sensors	Optional
2004 Porsche 911 Carrera 4S AWD 2dr Cabriolet (3.6L 6cyl 6M)	rear parking sensors	Optional

2004 Porsche 911 Carrera 4S AWD 2dr Coupe (3.6L 6cyl 6M)	rear parking sensors	Optional
2004 Porsche 911 Carrera Rwd 2dr Cabriolet (3.6L 6cyl 6M)	rear parking sensors	Optional
2004 Porsche 911 Carrera Rwd 2dr Coupe (3.6L 6cyl 6M)	rear parking sensors	Optional
2004 Porsche 911 Targa Rwd 2dr Coupe (3.6L 6cyl 6M)	rear parking sensors	Optional
2004 Porsche 911 Turbo AWD 2dr Cabriolet (3.6L 6cyl Turbo 6M)	rear parking sensors	Optional
2004 Porsche 911 Turbo AWD 2dr Coupe (3.6L 6cyl Turbo 6M)	rear parking sensors	Optional
2004 Porsche Cayenne S Tiptronic 4WD 4dr SUV (4.5L 8cyl 6A)	front and rear parking sensors	Optional
2004 Porsche Cayenne S Tiptronic 4WD 4dr SUV (4.5L 8cyl 6A)	front and rear parking sensors	Optional
2004 Porsche Cayenne Turbo Tiptronic 4WD 4dr SUV (4.5L 8cyl Turbo 6A)	front and rear parking sensors	Standard
2004 Rolls-Royce Phantom 4dr Sedan (6.8L 12cyl 6A)	front and rear parking sensors	Standard
2004 Saab 9-3 Aero 2dr Convertible (2.0L 4cyl Turbo 6M)	rear parking sensors	Optional
2004 Saab 9-3 Aero 4dr Sedan (2.0L 4cyl Turbo 6M)	rear parking sensors	Optional
2004 Saab 9-3 Arc 2dr Convertible (2.0L 4cyl Turbo 5M)	rear parking sensors	Optional
2004 Saab 9-3 Arc 4dr Sedan (2.0L 4cyl Turbo 5M)	rear parking sensors	Optional
2004 Saab 9-5 Aero 4dr Sedan (2.3L 4cyl Turbo 5M)	rear parking sensors	Optional
2004 Saab 9-5 Aero 4dr Sport Wagon (2.3L 4cyl Turbo 5M)	rear parking sensors	Optional
2004 Saab 9-5 Arc 2.3T 4dr Sedan (2.3L 4cyl Turbo 5M)	rear parking sensors	Optional
2004 Saab 9-5 Arc 2.3T 4dr Sport Wagon (2.3L 4cyl Turbo 5M)	rear parking sensors	Optional
2004 Toyota Sienna XLE Limited 7 Passenger AWD 4dr Minivan (3.3L 6cyl 5A)	rear view camera	Standard
2004 Toyota Sienna XLE Limited 7 Passenger AWD 4dr Minivan (3.3L 6cyl 5A)	front and rear parking sensors	Standard
2004 Toyota Sienna XLE Limited 7 Passenger Fwd 4dr Minivan (3.3L 6cyl 5A)	front and rear parking sensors	Standard
2004 Toyota Sienna XLE Limited 7 Passenger Fwd 4dr Minivan (3.3L 6cyl 5A)	rear view camera	Standard
2004 Volkswagen Phaeton V8 4dr Sedan (4.2L 8cyl 6A)	front and rear parking sensors	Optional
2004 Volkswagen Touareg V6 AWD 4dr SUV (3.2L 6cyl 6A)	front and rear parking sensors	Optional
2004 Volkswagen Touareg V8 AWD 4dr SUV (4.2L 8cyl 6A)	front and rear parking sensors	Optional
2004 Volvo S80 2.5T AWD 4dr Sedan (2.5L 5cyl Turbo 5A)	rear parking sensors	Optional
2004 Volvo S80 2.9 Fwd 4dr Sedan (2.9L 6cyl 4A)	rear parking sensors	Optional
2004 Volvo S80 T6 Fwd 4dr Sedan (2.9L 6cyl Turbo 4A)	rear parking sensors	Optional
2004 Volvo S80 T6 Premier Fwd 4dr Sedan (2.9L 6cyl Turbo 4A)	rear parking sensors	Optional
2004 Volvo XC90 2.5T AWD 4dr SUV (2.5L 5cyl Turbo 5A)	rear parking sensors	Optional
2004 Volvo XC90 2.5T Fwd 4dr SUV (2.5L 5cyl Turbo 5A)	rear parking sensors	Optional
2004 Volvo XC90 T6 AWD 4dr SUV (2.9L 6cyl Turbo 4A)	rear parking sensors	Optional
2005 Ford Escape Limited AWD 4dr SUV (3.0L 6cyl 4A)	rear parking sensors	Optional
2005 Ford Escape Limited Fwd 4dr SUV (3.0L 6cyl 4A)	rear parking sensors	Optional

<sup>1</sup> O'Donnell, Jayne. "Study: Side Air Bags Should Shield Head." USA Today, August 26, 2003

<sup>2</sup> Air bag statistics from "2004 Model Vehicles with Side Air Bags," [www.usatoday.com/money/autos/2003-08-26-side-air-bags-chart.htm](http://www.usatoday.com/money/autos/2003-08-26-side-air-bags-chart.htm).

<sup>3</sup> Virtually any vehicle can have rear sensors or a video camera system added as an after-market product.