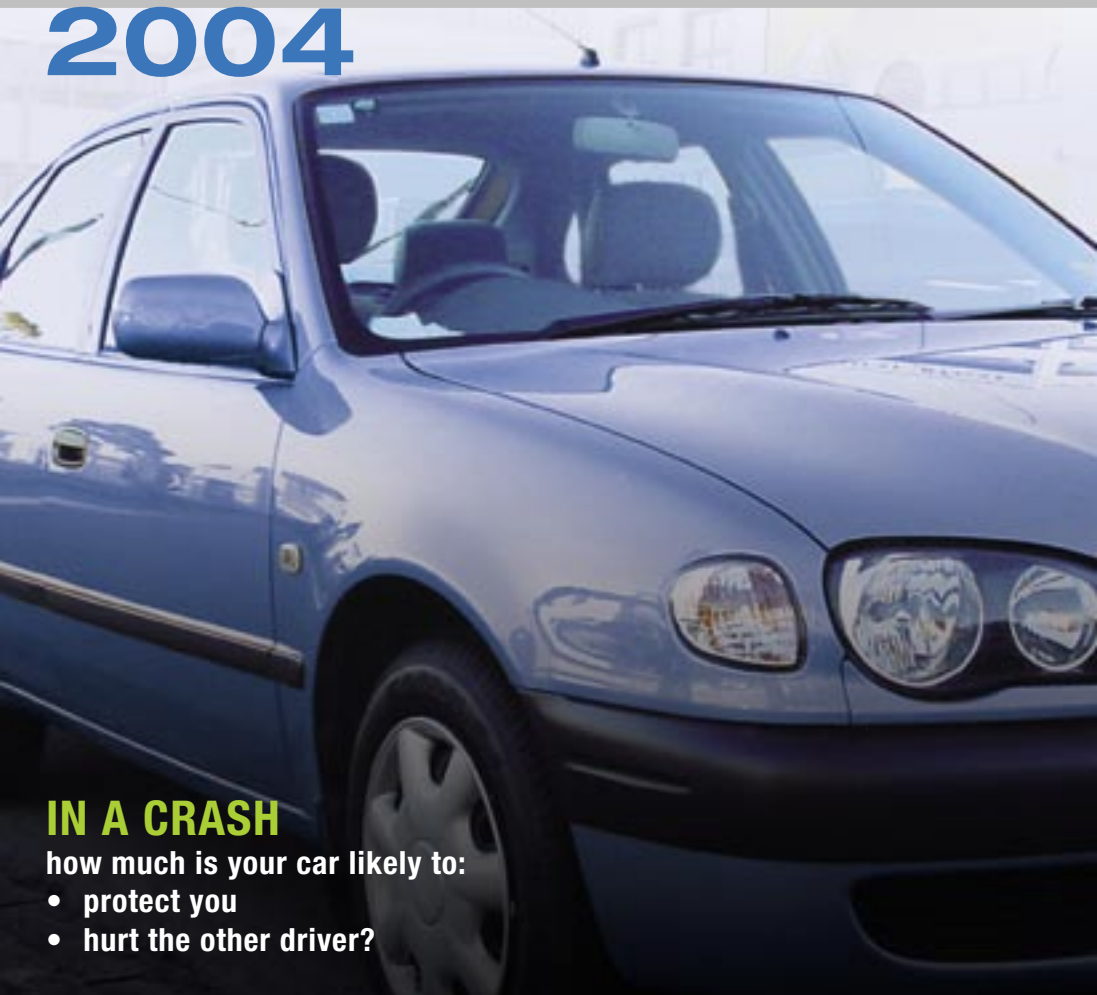


Used car safety ratings

BUYER'S
GUIDE

Passenger vehicles built 1982-2002

2004



IN A CRASH

how much is your car likely to:

- protect you
- hurt the other driver?

transport **safety**
AUTHORITY



Australian Government
Australian Transport Safety Bureau



TAC

NRMA
Motoring & Services

vic roads

You've got your sights set on that car. It's the right price, looks good – and it's the perfect size for what you need. But there's one important factor you may not have thought about – how well will the safety and design features of the car protect you and the driver of another vehicle in a crash?

Real world crash data analysed by Monash University's Accident Research Centre suggests that some used vehicle models give drivers better protection from death or serious injury in a crash than others. The impact on drivers of other vehicles can also vary greatly. It's worth taking a few minutes to read this brochure and find out how your vehicle compares.

Those few minutes could save a life – yours, your passenger's or that of the driver of another vehicle.

PROTECTING YOU IN A CRASH

If all vehicle designs were equivalent to the safest model, the number of fatal and disabling crash injuries could be significantly reduced.

Safety features designed to protect you – like reinforced door frames, collapsible steering columns, crumple zones, airbags and seat belts designed to work with air bags – can reduce your risk of death or serious injury significantly.

The charts at the back of this brochure show safety ratings for 255 vehicle models.

IF YOU CARE ABOUT YOUR SAFETY, CONSIDER CHOOSING ONE OF THE BEST-RATED MODELS.





IN A CRASH, HOW BADLY WILL YOUR VEHICLE HURT ANOTHER DRIVER?

Your vehicle may protect you fairly well in a crash – but how much damage could it cause another driver? For example, the crash statistics studied by Monash University indicate that 4WDs tend to injure other drivers more seriously, while small cars are less likely to inflict damage on the other party in a crash.

We've provided you with a rating on the charts for this.

**IF YOU CARE ABOUT THE SAFETY OF OTHERS,
CONSIDER CHOOSING ONE OF THE BEST-RATED
MODELS.**

MYTHS ABOUT VEHICLE SAFETY

MYTH: You can take more risks if you've got a vehicle with safety features – they will save you in a crash. **FACT:** While safety features will increase your chances of surviving a crash, they don't make you indestructible. Safety features won't necessarily save you from death or serious injury, particularly if you're speeding or not wearing your seat belt.

MYTH: A safe vehicle is more expensive. **FACT:** Many reasonably priced makes and models score very well in the safety ratings and better than some of the more expensive models.

HOW THESE SAFETY RATINGS ARE CALCULATED

Crash records from over one million tow-away crashes in New Zealand and Australia between 1987 and 2002 were analysed by Monash University's Accident Research Centre in Melbourne.

Then, using an internationally reviewed method, ratings on protection to drivers and harm to drivers of other vehicles were calculated.¹

The ratings on **protection to drivers** are influenced by the vehicle mass, the structural design of the vehicle body and what safety features, such as airbags and types of seat belts, are in the vehicle. There are 255 vehicle models with ratings for protection to drivers. This covers most of the Australian and New Zealand vehicle fleets.

The rating on **how much a vehicle will hurt the other driver in a crash** is influenced by the vehicle's mass, body stiffness and bonnet and bumper height. Some vehicle makes and models in this brochure have not been given a rating for harm to other drivers due to insufficient data.



¹ Full technical details on how the ratings are calculated can be found in a downloadable report on the Monash University Accident Research Centre website www.general.monash.edu.au/muarc



BUT WON'T CERTAIN KINDS OF VEHICLES SCORE A GOOD RATING BECAUSE OF THE TYPES OF PEOPLE WHO DRIVE THEM OR WHERE THEY ARE DRIVEN?

These factors were taken into account as much as possible when the data was analysed. The ratings measure how well the vehicle protected its driver when a crash occurred. They factor out the effect, as much as possible, of who was driving the vehicle – and where.

WHAT'S THE DIFFERENCE BETWEEN THESE RATINGS AND NEW CAR SAFETY RATINGS?

New car safety ratings (eg ANCAP) are determined by crash testing vehicles in a controlled laboratory setting while the used car safety ratings in this brochure are calculated using data from police reports on actual crashes. Research shows that the two ratings systems mostly have good correlation. However, the results should not be compared directly because the different sources of the ratings can lead to differences in the assessment of some vehicles.

Any vehicle safety rating system can only provide an indication of how much protection you can expect in the event of a crash. Whether or not you die or are seriously injured in a crash also depends on how safely you drive your vehicle.

WHERE TO FIND OUT MORE

For more information or answers to frequently asked questions, visit the website of the organisation nearest to you:

New Zealand

Land Transport Safety Authority: www.ltsa.govt.nz
Phone 0800 699 000

Australia

Australian Transport Safety Bureau: www.atsb.gov.au

Victoria

RACV: www.motoring.racv.com.au
Phone 03 9790 2190
VicRoads: www.vicroads.vic.gov.au
Transport Accident Commission: www.howsafeisyourcar.com.au

New South Wales

RTA: www.rta.nsw.gov.au
Phone 1800 042 865
NRMA: www.mynrma.com.au
Phone 1300 655 443

Western Australia

RACWA: www.rac.com.au

Queensland

Queensland Transport: www.transport.qld.gov.au



COMPACT 4-WHEEL DRIVE VEHICLES

Make	Model	Year	How much is your vehicle likely to protect you?	How badly is your vehicle likely to hurt another driver?
Daihatsu	Feroza/Rocky	89-97		O
Daihatsu	Rocky/Rugger	85-98		XX
Daihatsu	Terios	97-02		
Honda	CR-V	97-01		O
Honda	HR-V	99-02		
Holden/Suzuki	Drover/Sierra/Samurai/SJ410/SJ413	82-99		✓✓
Lada	Niva	84-99		O
Subaru	Forester	97-02		
Suzuki	Grand Vitara	99-02		O
Suzuki	Vitara/Escudo	88-98		O
Toyota	RAV4	94-00		O

MEDIUM 4-WHEEL DRIVE VEHICLES

Holden/Isuzu	Jackaroo/Bighorn	82-91		O
Holden/Isuzu	Jackaroo/Bighorn	92-97		
Jeep	Cherokee XJ	96-00		O
Land Rover	Defender	92-02		
Land Rover	Discovery	91-02		O
Mitsubishi	Pajero	82-90		XX
Mitsubishi	Pajero	92-99		O
Nissan	Pathfinder/Terrano	88-94		O
Nissan	Pathfinder/Terrano	95-02		O

LARGE 4-WHEEL DRIVE VEHICLES



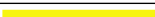



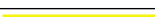
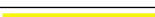





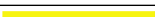










Land Rover	Range Rover	82-94		XX
Nissan	Patrol	82-87		XX
Nissan	Patrol	98-02		XX
Nissan/Ford	Patrol/Maverick	88-97		XX
Toyota	Landcruiser	82-89		XX
Toyota	Landcruiser	90-97		XX
Toyota	Landcruiser	98-02		X

KEY






	How much is your vehicle likely to protect you?	How badly is your vehicle likely to hurt another driver?
Significantly better than average		✓✓ Much better protection for other drivers than average
Better than average		✓ Better protection than average
Average		O Average protection
Worse than average		X Worse than average protection
Significantly worse than average		XX Much worse protection than average

Where no rating is included, there was insufficient data available for that particular vehicle.

COMMERCIAL VEHICLES – UTES



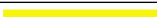







Make	Model	Year	How much is your vehicle likely to protect you?	How badly is your vehicle likely to hurt another driver?
Ford	Falcon Ute	96–99		O
Ford	Falcon Ute AU	00–02		O
Ford	Ford F-Series	82–92		XX
Ford/Nissan	Falcon Ute/XFN Ute	82–95		X
Ford/Mazda	Courier/B-Series	98–02		O
Holden	Commodore Ute VR/VS	94–00		X
Holden	Commodore Ute VG/VP	90–93		O
Holden	Commodore VU Ute	00–02		
Holden	Rodeo	96–98		O
Holden	Rodeo	99–02		O
Holden/Isuzu	Rodeo/Pickup	82–85		X
Holden/Isuzu	Rodeo/Pickup	89–95		XX
Holden	WB Series	82–85		O
Kia	Ceres	92–00		
Nissan	Navara	86–91		O
Nissan	Navara	92–96		O
Nissan	Navara	97–02		O
Nissan	720 Ute	82–85		O
Subaru	Brumby	82–92		O
Suzuki	Mighty Boy	85–88		
Toyota	Hilux	98–02		O
Toyota	4Runner/Hilux	82–85		X
Toyota	4Runner/Hilux	86–88		O
Toyota	4Runner/Hilux	89–97		X

KEY



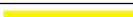


	How much is your vehicle likely to protect you?	How badly is your vehicle likely to hurt another driver?
Significantly better than average		✓✓ Much better protection for other drivers than average
Better than average		✓ Better protection than average
Average		O Average protection
Worse than average		X Worse than average protection
Significantly worse than average		XX Much worse protection than average

Where no rating is included, there was insufficient data available for that particular vehicle.

COMMERCIAL VEHICLES – VANS

Make	Model	Year	How much is your vehicle likely to protect you?	How badly is your vehicle likely to hurt another driver?
Daihatsu	Handivan	82-90		
Ford	Falcon Panel Van	82-95		O
Ford	Transit	95-00		O
Honda	Acty	83-86		
Holden	Shuttle/WFR Van	82-87		
Holden/Suzuki	Scurry/Carry	82-00		
Toyota	Hiace/Liteace	82-86		X
Toyota	Hiace/Liteace	87-89		X
Toyota	Hiace/Liteace	90-95		XX
Toyota	Hiace/Liteace	96-02		X

KEY

	How much is your vehicle likely to protect you?	How badly is your vehicle likely to hurt another driver?
Significantly better than average		✓✓ Much better protection for other drivers than average
Better than average		✓ Better protection than average
Average		O Average protection
Worse than average		X Worse than average protection
Significantly worse than average		XX Much worse protection than average

Where no rating is included, there was insufficient data available for that particular vehicle.

LIGHT CARS

Make	Model	Year	How much is your vehicle likely to protect you?	How badly is your vehicle likely to hurt another driver?
Daewoo	Cielo	95-97		✓✓
Daewoo	Lanos	97-02		0
Daewoo	1.5i	94-95		
Daihatsu	Charade	82-86		✓
Daihatsu	Charade	88-92		✓✓
Daihatsu	Charade	93-00		✓✓
Daihatsu	Mira	90-96		0
Daihatsu	Sirion	98-02		
Ford	Festiva WD/WH/WF	94-01		✓✓
Ford/Mazda	Festiva WA/121	87-90		✓✓
Holden	Barina SB	95-00		✓
Holden/Suzuki	Barina/Swift/ Cultus	86-88		✓✓
Holden/Suzuki	Barina/Swift/ Cultus	89-99		✓✓
Honda	City	83-86		
Hyundai	Accent	00-02		0
Hyundai	Excel	86-90		✓
Hyundai	Excel	90-94		✓✓
Hyundai	Excel/Accent	95-00		✓
Mazda	121/Autozam Review	94-96		✓✓
Mazda	121 Metro/Demio	97-02		✓✓
Mitsubishi	Mirage/Colt	82-88		✓
Nissan	Micra	95-97		
Peugeot	205	87-94		
Subaru	Sherpa/Fiori/700/ Rex	89-92		
Suzuki	Hatch/Alto	82-84		
Toyota	Echo	99-02		✓
Toyota	Starlet	96-99		✓
Volkswagen	Polo	96-00		

KEY

	How much is your vehicle likely to protect you?		How badly is your vehicle likely to hurt another driver?
Significantly better than average		✓✓	Much better protection for other drivers than average
Better than average		✓	Better protection than average
Average		0	Average protection
Worse than average		✗	Worse than average protection
Significantly worse than average		✗✗	Much worse protection than average

Where no rating is included, there was insufficient data available for that particular vehicle.

SMALL CARS

Make	Model	Year	How much is your vehicle likely to protect you?	How badly is your vehicle likely to hurt another driver?
Alfa Romeo	33	83-92		
Daewoo	Nubira	97-02		O
Daihatsu	Applause	89-99		O
Fiat	Regata	84-88		
Ford	Laser	91-94		✓✓
Ford	Laser	95-97		O
Ford/Mazda	Laser/323	99-02		O
Ford/Mazda	Laser/323/Familia	82-88		✓✓
Holden	Astra TR	96-98		O
Holden	Astra TS	98-02		O
Holden	Gemini	82-84		✓✓
Holden	Gemini RB	86-87		O
Holden/Nissan	Astra/ Pulsar/ Langley	84-86		✓✓
Holden/Nissan	Astra /Pulsar/ Vector/Sentra	88-90		✓
Honda	Civic	82-83		✓✓
Honda	Civic	92-95		O
Honda	Civic	96-00		✓✓
Honda	Civic/Ballade/ Shuttle	84-87		✓
Honda	Civic/Shuttle	88-91		✓
Honda	Concerto	89-93		O
Hyundai	Lantra	91-95		O
Hyundai	Lantra	96-00		O
Hyundai	S Coupe	90-96		O
Mazda	323/Familia/Lantis	90-93		✓✓
Mazda	323/Familia/Lantis	95-98		✓
Mitsubishi	Cordia	83-87		O
Mitsubishi	Lancer/Mirage CA	89-90		✓✓
Mitsubishi	Lancer/Mirage CB	91-92		✓
Mitsubishi	Lancer/Mirage CC	93-95		✓✓
Mitsubishi	Lancer/Mirage CE	96-02		✓
Nissan	Pulsar	00-02		O
Nissan	Pulsar/Vector/ Sentra	92-95		✓
Nissan	Pulsar/Vector/ Sentra	96-99		O
Nissan	Stanza	82-83		
Peugeot	306	94-01		O

KEY

	How much is your vehicle likely to protect you?	How badly is your vehicle likely to hurt another driver?
Significantly better than average		✓✓ Much better protection for other drivers than average
Better than average		✓ Better protection than average
Average		O Average protection
Worse than average		X Worse than average protection
Significantly worse than average		XX Much worse protection than average

Where no rating is included, there was insufficient data available for that particular vehicle.

SMALL CARS

Make	Model	Year	How much is your vehicle likely to protect you?	How badly is your vehicle likely to hurt another driver?
Proton	Wira	95-96		0
Rover	Quintet	82-86		
Subaru	Impreza	93-00		0
Suzuki	Baleno/Cultus Crescent	95-02		
Toyota	Corolla	82-84		✓✓
Toyota	Corolla	86-88		✓✓
Toyota	Corolla	98-01		0
Toyota	Corolla	02-02		
Toyota	Corolla 4WD Wagon	92-96		
Toyota	Tercel	83-88		
Toyota/Holden	Corolla/Nova	89-93		✓✓
Toyota/Holden	Corolla/Nova	94-97		✓✓
Volkswagen	Golf	95-98		0
Volkswagen	Golf/Bora	99-02		

MEDIUM CARS

Daewoo	Espero	95-97		
Daewoo	Leganza	97-02		
Ford	Mondeo	95-01		0
Ford/Mazda	Telstar/626/MX6/Capella	83-86		✓
Ford/Mazda	Telstar/626/MX6/Capella	88-91		0
Ford/Mazda	Telstar/626/MX6/Capella/Cronos	92-97		✓
Holden	Camira	82-89		✓
Holden	Vectra	97-02		0
Holden/Toyota	Apollo JK/JL/Camry/Vista	88-92		0
Mazda	626	98-02		0
Mitsubishi	Galant	95-96		0
Mitsubishi	Sigma/Galant/Sapporo/Lambda	82-84		✓
Nissan	Bluebird	82-86		✓
Nissan	Bluebird	93-97		0
Nissan	Pintara	86-88		0

KEY

	How much is your vehicle likely to protect you?	How badly is your vehicle likely to hurt another driver?
Significantly better than average		✓✓ Much better protection for other drivers than average
Better than average		✓ Better protection than average
Average		0 Average protection
Worse than average		✗ Worse than average protection
Significantly worse than average		✗✗ Much worse protection than average

Where no rating is included, there was insufficient data available for that particular vehicle.

MEDIUM CARS

Make	Model	Year	How much is your vehicle likely to protect you?	How badly is your vehicle likely to hurt another driver?
Nissan/Ford	Pintara/Corsair/Bluebird	89-92		O
Subaru	Liberty/Legacy	89-93		O
Subaru	Liberty/Legacy	94-98		O
Subaru	Liberty/Legacy	99-02		O
Subaru	1800/Leone/Omega/4WD Wagon	82-93		✓✓
Toyota	Camry	83-86		O
Toyota	Corona	82-88		✓

LARGE CARS

Ford	Falcon AU	98-02		O
Ford	Falcon EA/ Falcon EB Series I	88-Mar 92		X
Ford	Falcon EB Series II/ Falcon ED	Apr 92-94		X
Ford	Falcon EF/EL	94-98		X
Ford	Falcon XE/XF	82-88		O
Ford	Taurus	96-98		
Holden	Commodore VB-VL	82-88		O
Holden	Commodore VT/VX	97-02		X
Holden/Toyota	Apollo JM/JP/ Camry/Sceptor	93-97		O
Holden/Toyota	Commodore VN/ VP/Lexcen	89-93		O
Holden/Toyota	Commodore VR/ VS/Lexcen	93-97		O
Hyundai	Sonata	89-97		O
Hyundai	Sonata	98-01		
Mitsubishi	Magna TE/TF/TH/ TJ/Verada KE/KF/KH/KJ/Diamante	96-02		O
Mitsubishi	Magna TM/TN/TP/ Sigma/V3000	85-90		O
Mitsubishi	Magna TR/TS/ Verada KR/KS/V3000/Diamante	91-96		O
Nissan	Skyline	83-88		O
Toyota	Avalon	00-02		XX
Toyota	Camry	98-02		O

KEY

	How much is your vehicle likely to protect you?	How badly is your vehicle likely to hurt another driver?
Significantly better than average		✓✓ Much better protection for other drivers than average
Better than average		✓ Better protection than average
Average		O Average protection
Worse than average		X Worse than average protection
Significantly worse than average		XX Much worse protection than average

Where no rating is included, there was insufficient data available for that particular vehicle.

LUXURY CARS

Make	Model	Year	How much is your vehicle likely to protect you?	How badly is your vehicle likely to hurt another driver?
BMW	3 Series E30	82-91		O
BMW	3 Series E36	92-98		O
BMW	5 Series E28	82-88		
BMW	5 Series E34	89-95		O
Honda	Legend	86-95		O
Jaguar	XJ6	82-86		
Lexus	ES300/Window	92-01		O
Mercedes Benz	C-Class W201	87-93		
Mercedes Benz	C-Class W202	95-00		O
Mercedes Benz	E-Class W123	82-85		
Mercedes Benz	E-Class W124	86-94		O
Mercedes Benz	S-Class W126	82-92		O
Saab	9000	86-97		
Volvo	700/900 Series	84-92		O
Volvo	850/S70/V70/C70	92-02		X

PEOPLE MOVERS















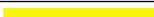

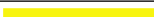






Mitsubishi	Nimbus/Chariot	92-98		O
Mitsubishi	Nimbus/Chariot/Spacewagon	85-91		O
Mitsubishi	Starwagon/Delica Spacegear	95-98		O
Mitsubishi	Starwagon/Delica Spacegear	98-02		
Mitsubishi	Starwagon/Delica Starwagon	87-93		O
Mitsubishi	Starwagon/L300	83-86		X
Nissan	Prairie	84-86		
Toyota	Tarago	83-89		O
Toyota	Tarago/Previa/Estima	91-99		O

KEY






	How much is your vehicle likely to protect you?	How badly is your vehicle likely to hurt another driver?
Significantly better than average		✓✓ Much better protection for other drivers than average
Better than average		✓ Better protection than average
Average		O Average protection
Worse than average		X Worse than average protection
Significantly worse than average		XX Much worse protection than average

Where no rating is included, there was insufficient data available for that particular vehicle.

PRESTIGE CARS

Make	Model	Year	How much is your vehicle likely to protect you?	How badly is your vehicle likely to hurt another driver?
Audi	A4	95-01		
Ford	Fairlane N & LTD D	88-94		O
Ford	Fairlane N & LTD D	95-98		X
Ford	Fairlane Z & LTD F	82-87		O
Honda	Accord	82-85		✓✓
Honda	Accord	86-90		O
Honda	Accord	91-93		✓
Honda	Accord	94-98		O
Holden	Statesman/ Caprice VR/VS	94-98		O
Holden	Statesman/ Caprice VQ	90-93		O
Holden	Statesman/ Caprice WB	82-85		
Mazda	929/Luce	82-90		O
Nissan	Maxima	90-94		O
Nissan	Maxima/Cefiro	95-99		✓
Peugeot	405	89-97		O
Peugeot	505	82-93		
Saab	900 Series	82-92		
Saab	900/9-3	94-02		O
Toyota	Cressida/Mark II	89-93		O
Toyota	Crown/Cressida/ Mark II	82-85		O
Toyota	Crown/Cressida/ Mark II	86-88		O
Volvo	200 Series	82-93		O
Volvo	300 Series	84-88		

KEY

	How much is your vehicle likely to protect you?	How badly is your vehicle likely to hurt another driver?
Significantly better than average		✓✓ Much better protection for other drivers than average
Better than average		✓ Better protection than average
Average		O Average protection
Worse than average		X Worse than average protection
Significantly worse than average		XX Much worse protection than average

Where no rating is included, there was insufficient data available for that particular vehicle.

SPORTS CARS

Make	Model	Year	How much is your vehicle likely to protect you?	How badly is your vehicle likely to hurt another driver?
Ford	Capri	89-94		O
Holden	Calibra	94-97		O
Honda	CRX	87-91		O
Honda	CRX	92-98		
Honda	Integra	86-88		✓
Honda	Integra	90-92		O
Honda	Integra	93-01		O
Honda	Prelude	83-91		O
Honda	Prelude	92-96		O
Hyundai	Coupe	96-00		O
Mazda	MX5/ Eunos Roadster	89-97		
Mazda	RX7	82-85		
Mazda	RX7	86-91		
Nissan	Exa	83-86		
Nissan	Exa	87-91		
Nissan	Gazelle/Silvia	84-86		O
Nissan	NX/NX-R	91-96		XX
Nissan	200SX/Silvia	94-02		
Nissan	300ZX/Fairlady Z	90-95		
Renault	Fuego	82-87		
Toyota	Celica	81-85		O
Toyota	Celica	86-89		O
Toyota	Celica	90-93		O
Toyota	Celica	94-99		O
Toyota	Celica	00-02		✓
Toyota	MR2	87-90		
Toyota	MR2	91-00		
Toyota	Paseo/Cynos	91-99		O
Toyota	Supra	82-90		

KEY

	How much is your vehicle likely to protect you?	How badly is your vehicle likely to hurt another driver?
Significantly better than average		✓✓ Much better protection for other drivers than average
Better than average		✓ Better protection than average
Average		O Average protection
Worse than average		✗ Worse than average protection
Significantly worse than average		✗✗ Much worse protection than average

Where no rating is included, there was insufficient data available for that particular vehicle.

NOTES

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